

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006594.D
 Acq On : 18 Dec 2018 13:24
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121818

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:22:13 AM

Quant Time: Dec 19 01:03:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:58:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	682670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1020985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	936133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	484091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	337527	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
35) Dibromofluoromethane	5.50	113	314755	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	1165595	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.13	95	433669	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	294616	47.175	ug/l	100
3) Chloromethane	1.32	50	320720	47.667	ug/l	98
4) Vinyl Chloride	1.41	62	333392	47.444	ug/l	99
5) Bromomethane	1.64	94	340901	52.064	ug/l	98
6) Chloroethane	1.71	64	214449	44.074	ug/l	99
7) Trichlorofluoromethane	1.93	101	525917	48.003	ug/l	97
8) Diethyl Ether	2.19	74	204746	47.052	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	307133	47.745	ug/l	99
10) Methyl Iodide	2.51	142	437258	47.486	ug/l	100
11) Tert butyl alcohol	3.07	59	403239	245.578	ug/l	98
12) 1,1-Dichloroethene	2.37	96	290898	47.692	ug/l	100
13) Acrolein	2.29	56	262460	236.941	ug/l	100
14) Allyl chloride	2.73	41	507704	49.451	ug/l	100
15) Acrylonitrile	3.15	53	900462	246.990	ug/l	100
16) Acetone	2.45	43	841531	248.953	ug/l	99
17) Carbon Disulfide	2.57	76	779405	48.286	ug/l	99
18) Methyl Acetate	2.78	43	486319	48.927	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1006703	49.728	ug/l	99
20) Methylene Chloride	2.85	84	323428	46.271	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	310789	45.987	ug/l	100
22) Diisopropyl ether	3.87	45	909786	48.438	ug/l	93
23) Vinyl Acetate	3.82	43	3791735	246.801	ug/l	100
24) 1,1-Dichloroethane	3.70	63	516962	46.107	ug/l	99
25) 2-Butanone	4.70	43	1148641	241.576	ug/l	100
26) 2,2-Dichloropropane	4.58	77	433282	50.026	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	357067	47.887	ug/l	99
28) Bromochloromethane	5.02	49	240504	50.918	ug/l	100
29) Tetrahydrofuran	5.15	42	754418	240.901	ug/l	99
30) Chloroform	5.21	83	551630	47.509	ug/l	95
31) Cyclohexane	5.57	56	481284	47.249	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	490817	50.062	ug/l	99
36) 1,1-Dichloropropene	5.80	75	413708	48.924	ug/l	100
37) Ethyl Acetate	4.85	43	432402	49.130	ug/l	100
38) Carbon Tetrachloride	5.78	117	420470	51.164	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	546633	49.102	ug/l	98
40) Benzene	6.14	78	1262299	49.109	ug/l	99
41) Methacrylonitrile	5.06	41	240967	51.568	ug/l	99
42) 1,2-Dichloroethane	6.20	62	422210	48.205	ug/l	99
43) Isopropyl Acetate	6.46	43	700623	52.318	ug/l	100
44) Trichloroethene	7.21	130	381877	49.086	ug/l	98
45) 1,2-Dichloropropane	7.52	63	314311	50.250	ug/l	97
46) Dibromomethane	7.66	93	225814	49.081	ug/l	98
47) Bromodichloromethane	7.90	83	396753	51.941	ug/l	98
48) Methyl methacrylate	7.77	41	354308	52.028	ug/l	99
49) 1,4-Dioxane	7.75	88	182661	1025.661	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2189073	256.915	ug/l	100
52) Toluene	8.78	92	828369	49.884	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	449957	54.925	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	493035	54.849	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	338331	49.776	ug/l	98
56) Ethyl methacrylate	9.18	69	501186	52.170	ug/l	100
57) 1,3-Dichloropropane	9.37	76	539769	49.359	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1286061	251.842	ug/l	100
59) 2-Hexanone	9.49	43	1665421	255.461	ug/l	99
60) Dibromochloromethane	9.59	129	349804	55.873	ug/l	99
61) 1,2-Dibromoethane	9.67	107	369252	51.104	ug/l	100
64) Tetrachloroethene	9.34	164	355555	47.965	ug/l	96
65) Chlorobenzene	10.14	112	966720	48.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	340279	55.070	ug/l	99
67) Ethyl Benzene	10.25	91	1594022	49.256	ug/l	99
68) m/p-Xylenes	10.36	106	1286200	100.720	ug/l	98
69) o-Xylene	10.70	106	625707	49.619	ug/l	99
70) Styrene	10.71	104	1013737	50.814	ug/l	100
71) Bromoform	10.86	173	262483	47.354	ug/l	99
73) Isopropylbenzene	11.02	105	1654076	49.945	ug/l	99
74) N-amyl acetate	10.90	43	622017	52.472	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	492447	49.999	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	466041m	51.803	ug/l	
77) Bromobenzene	11.26	156	447746	50.008	ug/l	99
78) n-propylbenzene	11.36	91	1840271	50.461	ug/l	100
79) 2-Chlorotoluene	11.42	91	1072662	48.535	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1366049	50.079	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	139219	47.340	ug/l	98
82) 4-Chlorotoluene	11.51	91	1253647	49.452	ug/l	100
83) tert-Butylbenzene	11.77	119	1403196	51.398	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1397118	48.694	ug/l	100
85) sec-Butylbenzene	11.94	105	1675121	50.045	ug/l	100
86) p-Isopropyltoluene	12.06	119	1506956	51.216	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	798982	49.514	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	807476	48.813	ug/l	100
89) n-Butylbenzene	12.39	91	1281938	51.194	ug/l	99
90) Hexachloroethane	12.60	117	222836	48.497	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	786155	48.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	103352	50.714	ug/l	95

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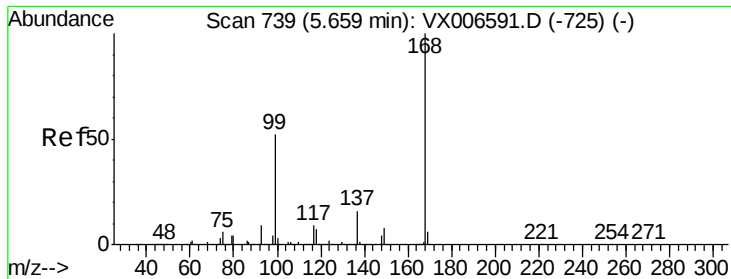
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	565779	50.812	ug/l	100
94) Hexachlorobutadiene	13.78	225	264341	50.367	ug/l	98
95) Naphthalene	13.83	128	1760815	49.547	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	566968	49.317	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion:168 Resp: 682670

Ion Ratio Lower Upper

168 100

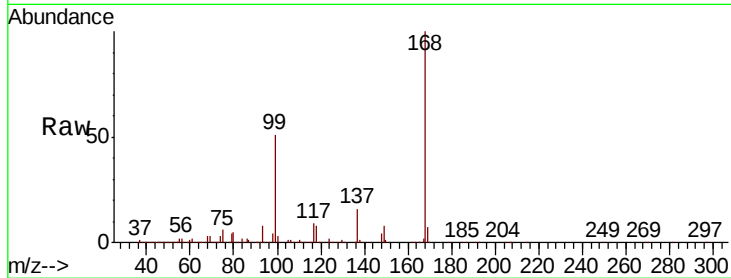
99 50.6 41.8 62.8

Manual Integrations

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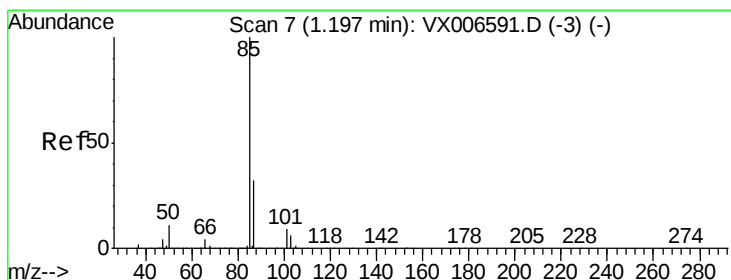
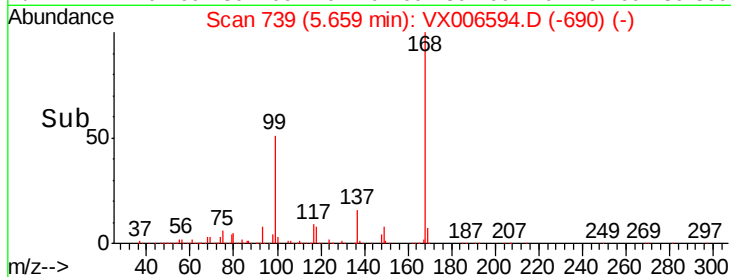
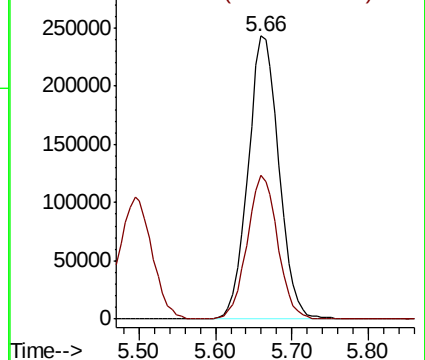
MMDadoda

12/19/2018 11:22:13 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.175 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006594.D

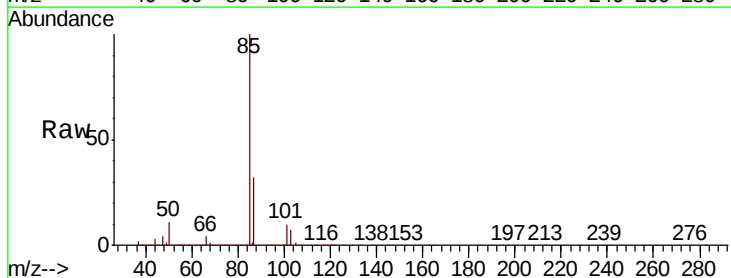
Acq: 18 Dec 2018 13:24

Tgt Ion: 85 Resp: 294616

Ion Ratio Lower Upper

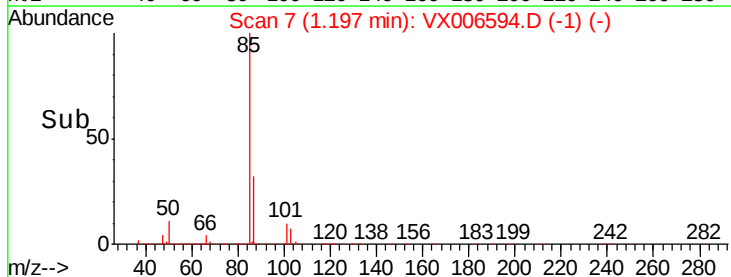
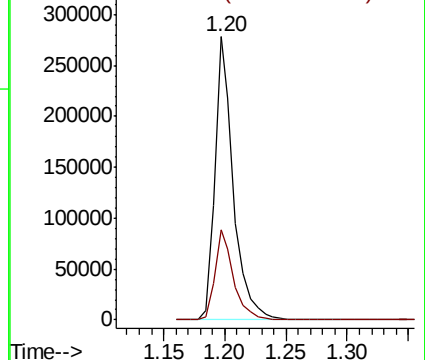
85 100

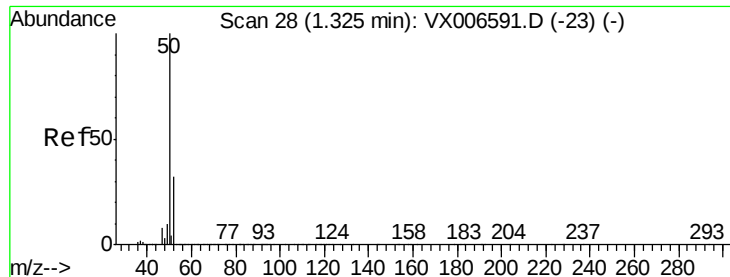
87 31.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.667 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 50 Resp: 320720

Ion Ratio Lower Upper

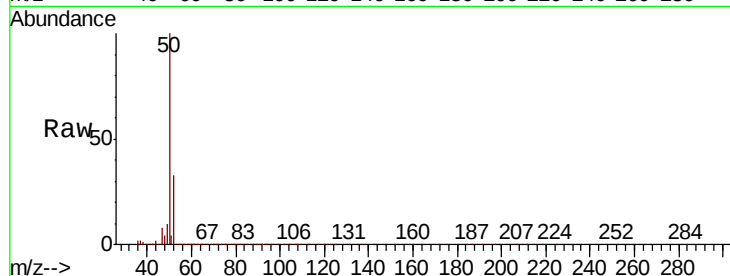
50 100

52 32.7 25.4 38.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

250000

200000

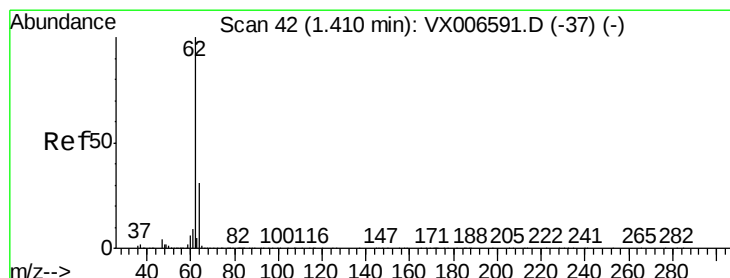
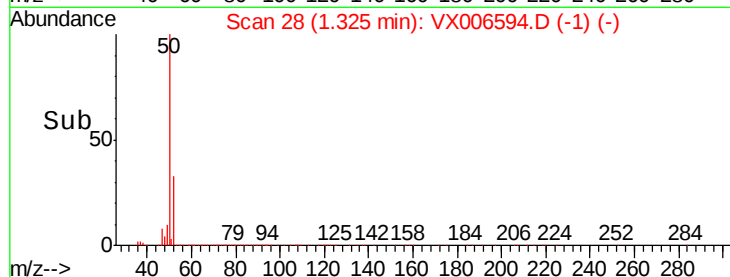
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.444 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006594.D

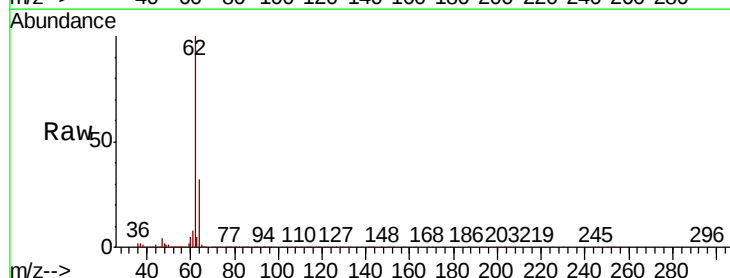
Acq: 18 Dec 2018 13:24

Tgt Ion: 62 Resp: 333392

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

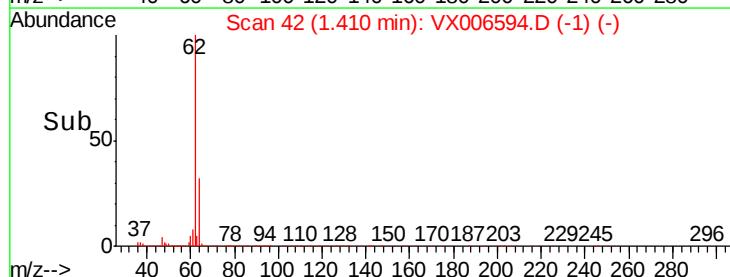
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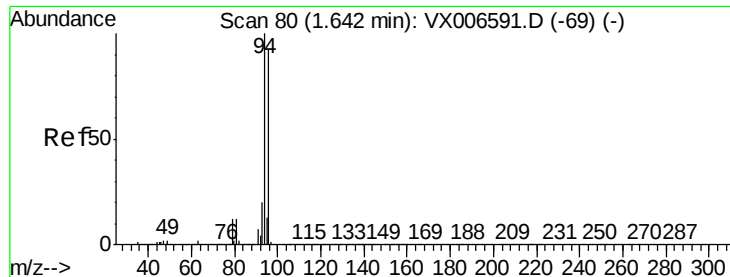
200000

100000

0

Time-->





#5

Bromomethane

Concen: 52.064 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 94 Resp: 340901

Ion Ratio Lower Upper

94 100

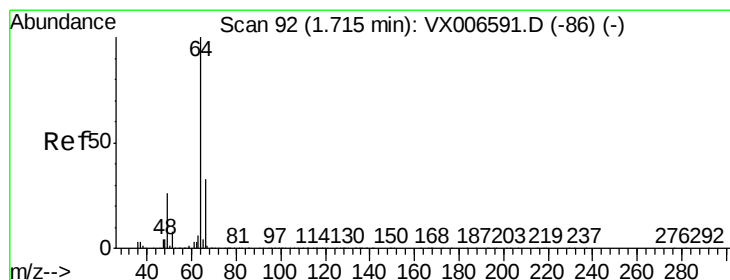
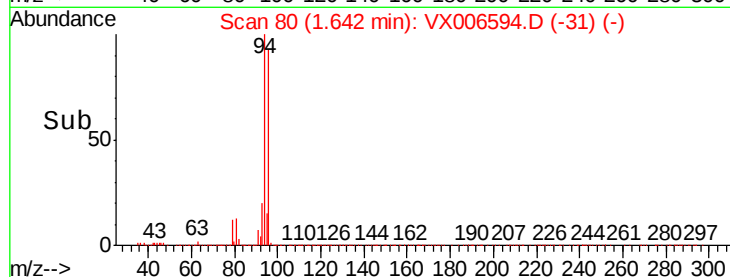
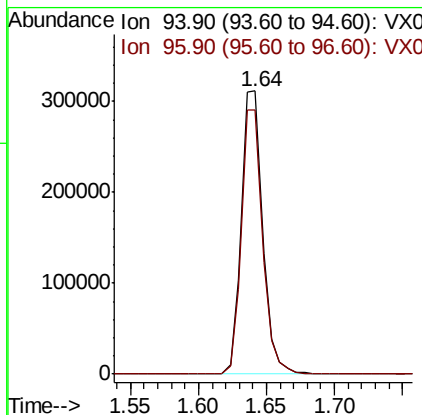
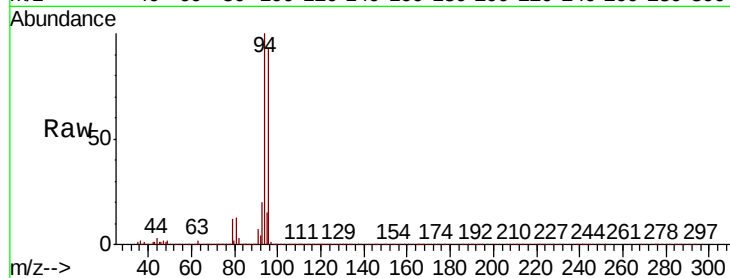
96 93.4 73.4 110.2

Manual Integrations

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12/19/2018 11:22:13 AM



#6

Chloroethane

Concen: 44.074 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006594.D

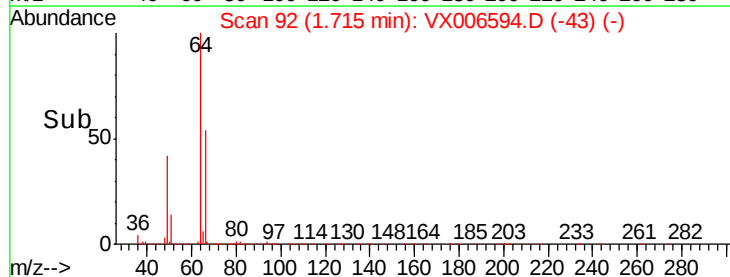
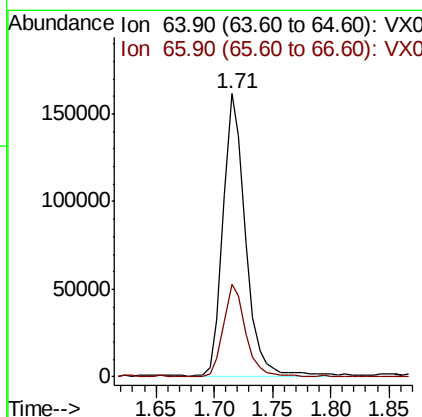
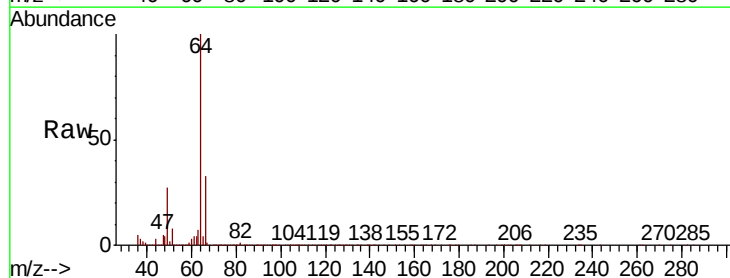
Acq: 18 Dec 2018 13:24

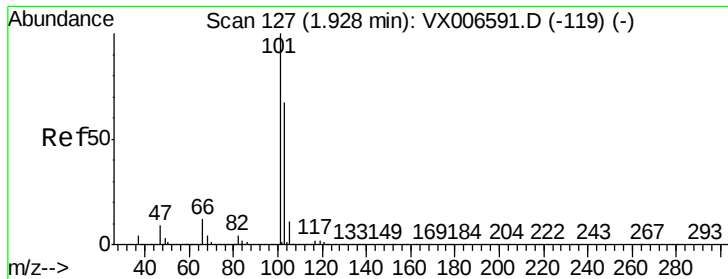
Tgt Ion: 64 Resp: 214449

Ion Ratio Lower Upper

64 100

66 32.6 26.4 39.6





#7

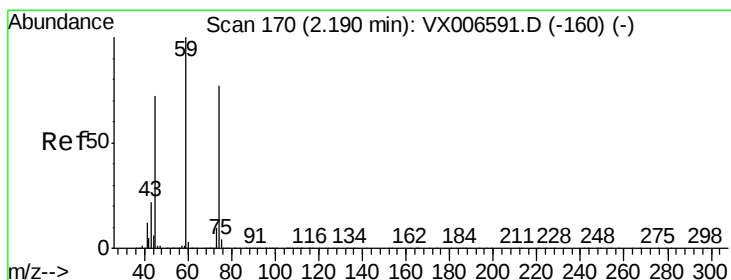
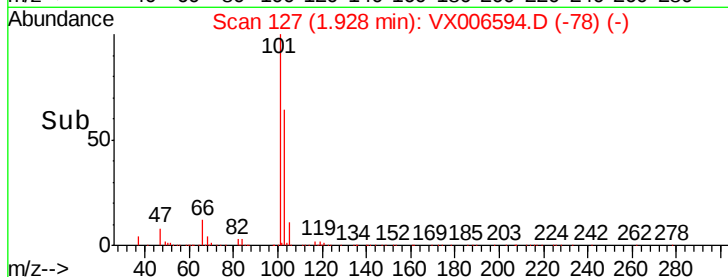
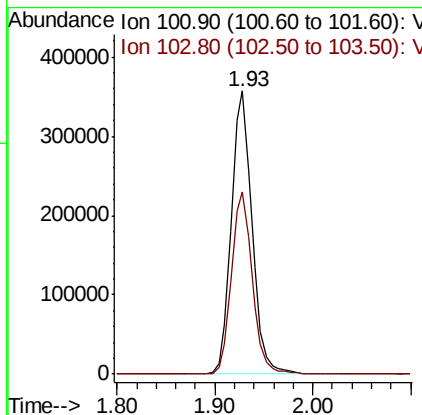
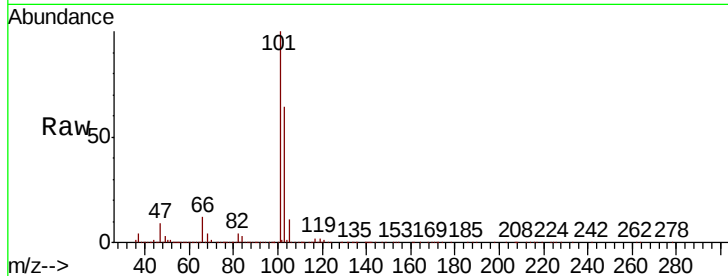
Trichlorofluoromethane
Concen: 48.003 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
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ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.2	79.8

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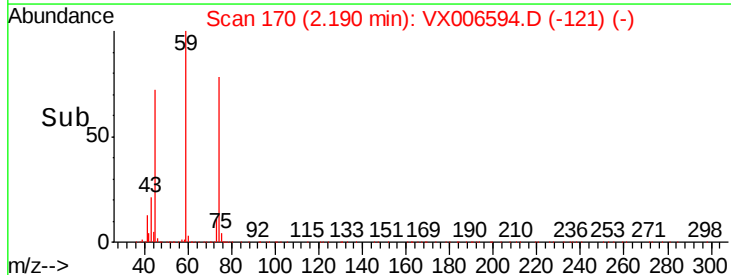
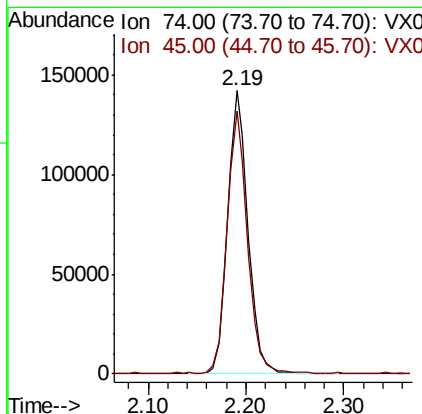
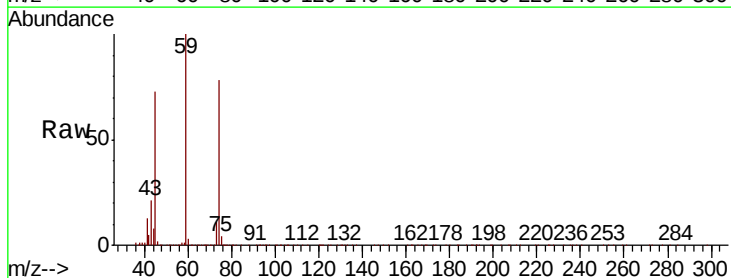
MMDadoda
12/19/2018 11:22:13 AM

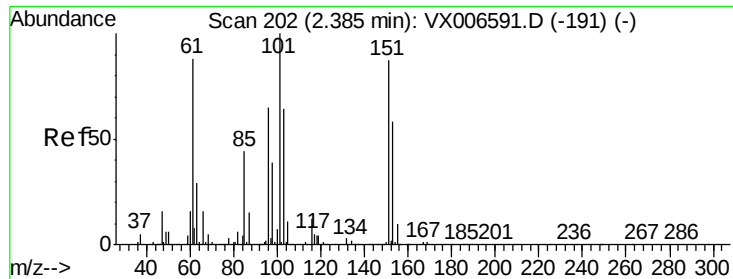


#8

Diethyl Ether
Concen: 47.052 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.745 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

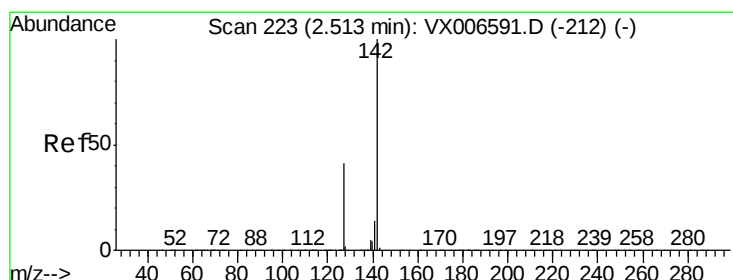
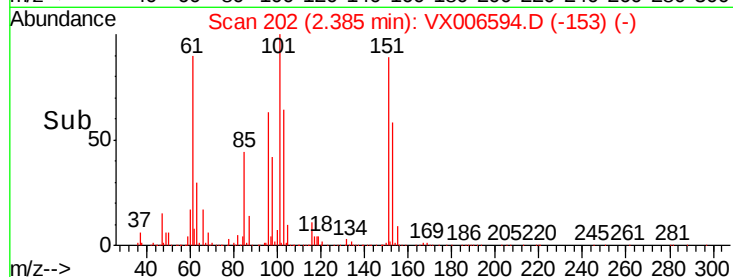
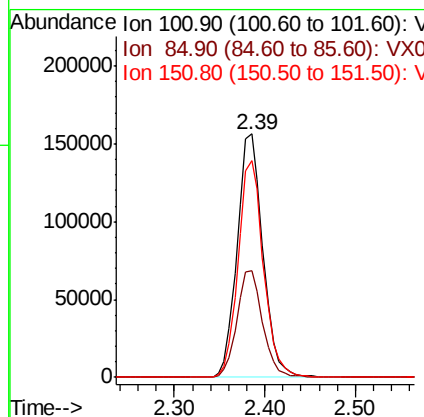
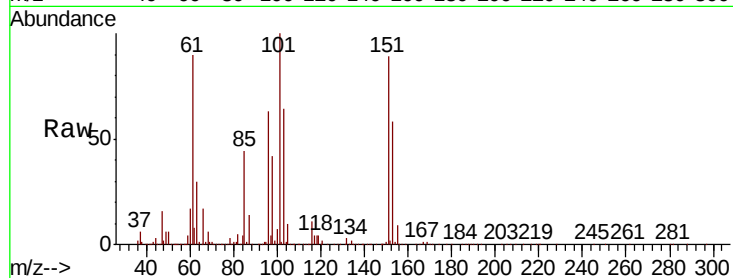
ClientSampleId :

ICVVX121818

Tot Ion:	101	Resp:	307133
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.1	52.7
151	87.9	68.9	103.3

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#10

Methyl Iodide

Concen: 47.486 ug/l

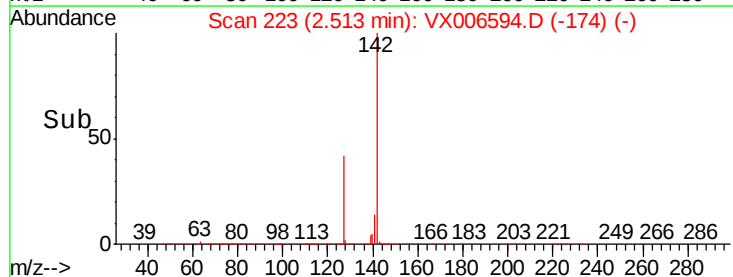
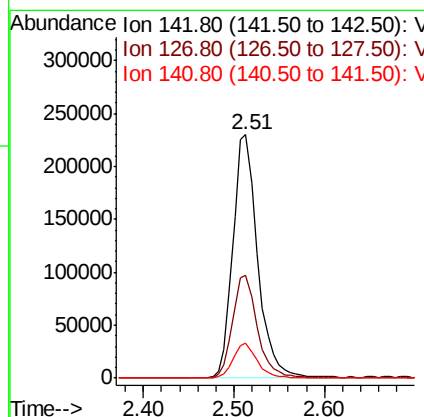
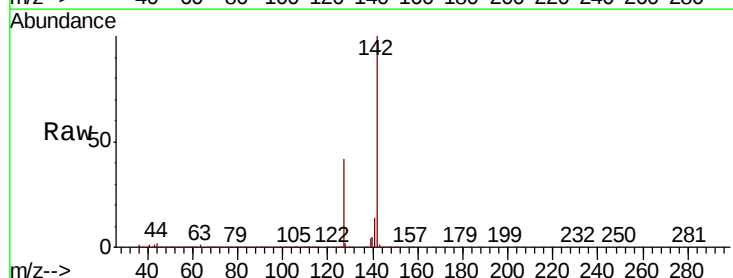
RT: 2.51 min Scan# 223

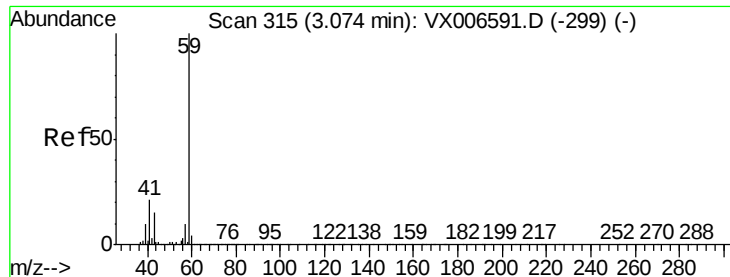
Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion:	142	Resp:	437258
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.9	50.9
141	14.0	11.4	17.0





#11

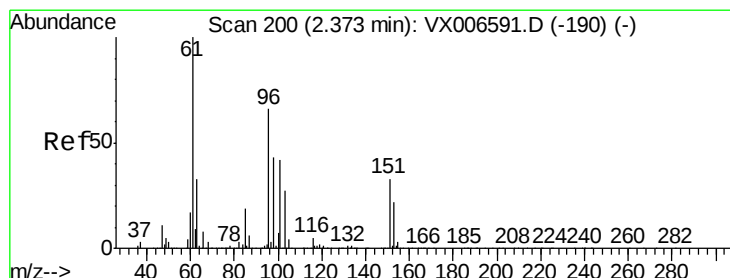
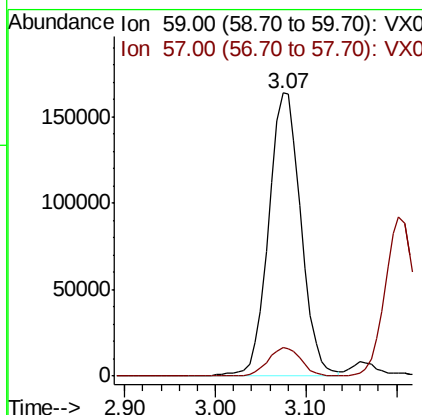
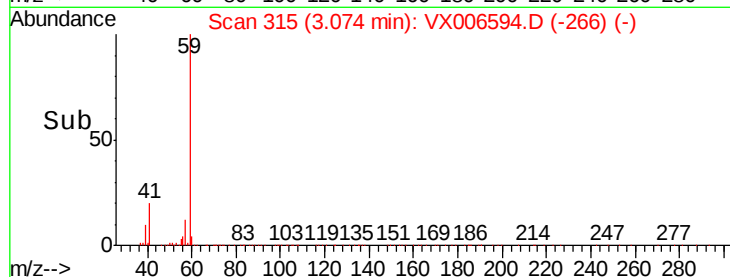
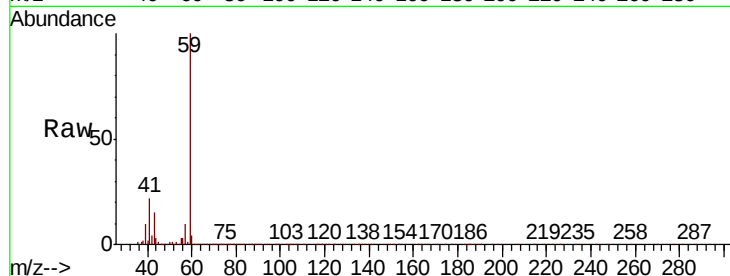
Tert butyl alcohol
Concen: 245.578 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

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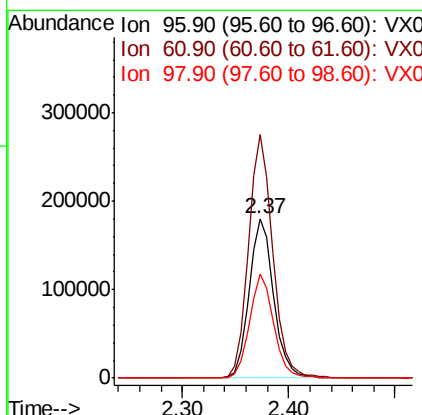
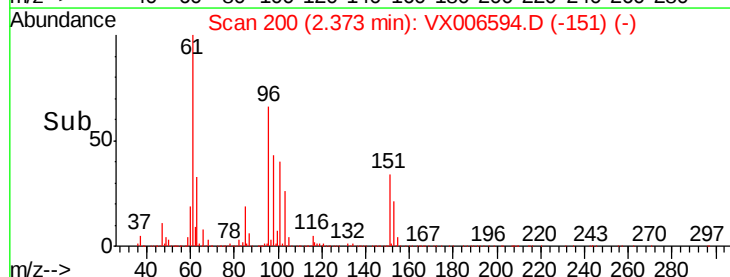
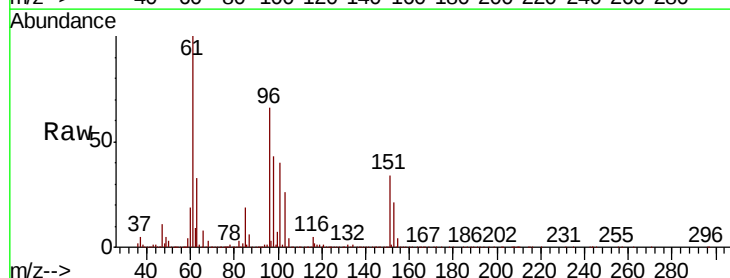
MMDadoda
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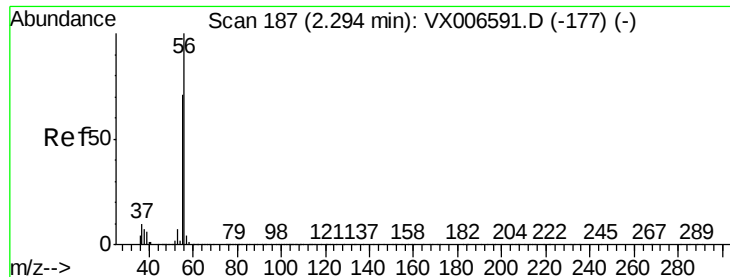


#12

1,1-Dichloroethene
Concen: 47.692 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	121.4	182.2
98	65.3	51.9	77.9





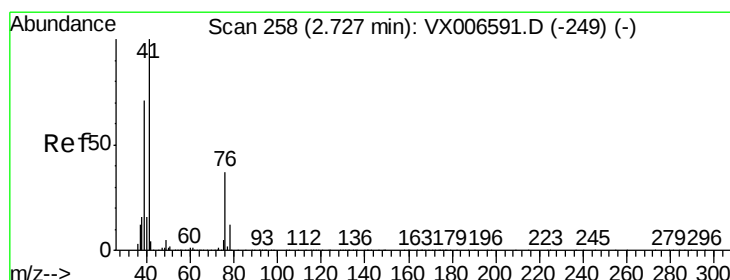
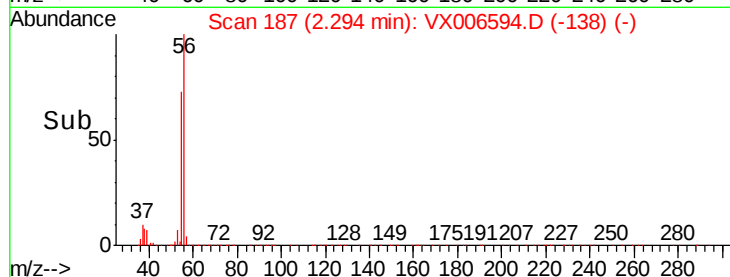
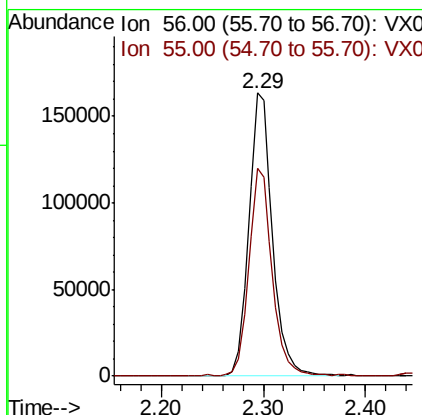
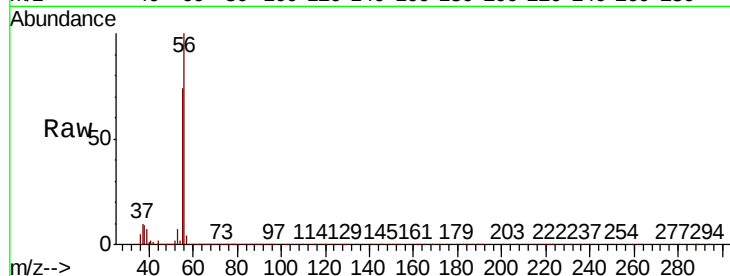
#13
Acrolein
Concen: 236.941 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	56	55	Ratio	Lower	Upper
262460	100	72.5		58.2	87.4

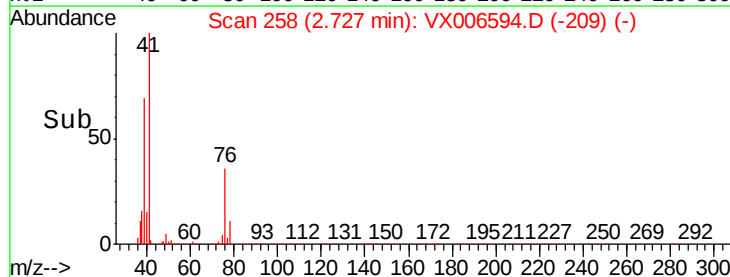
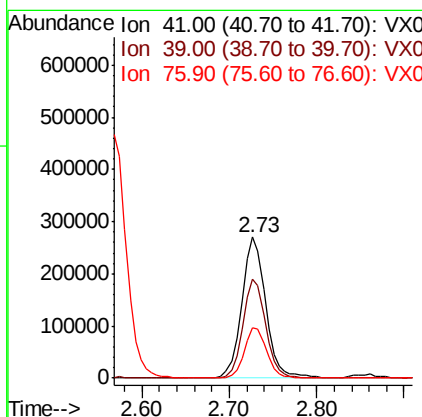
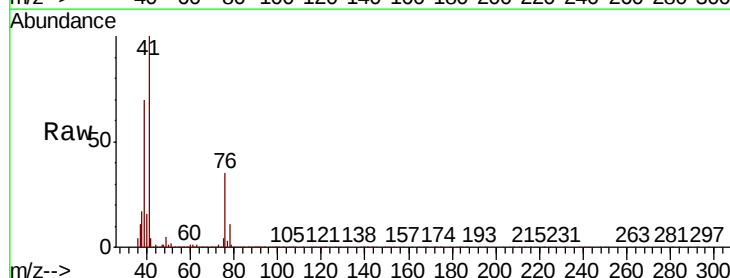
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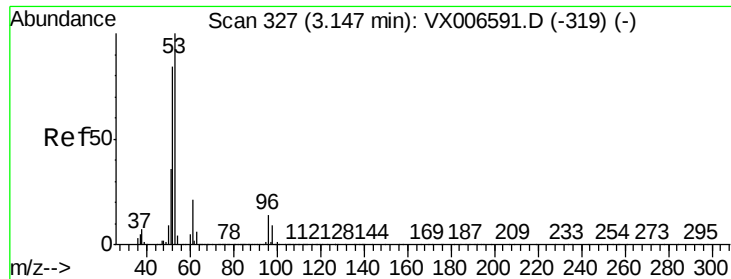
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#14
Allyl chloride
Concen: 49.451 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	41	39	76	Ratio	Lower	Upper
507704	100	66.9	33.7		53.6	80.4





#15

Acrylonitrile

Concen: 246.990 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

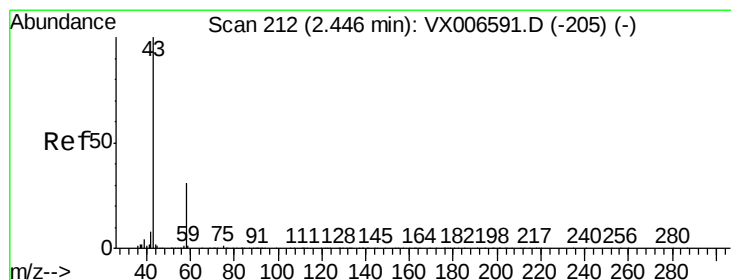
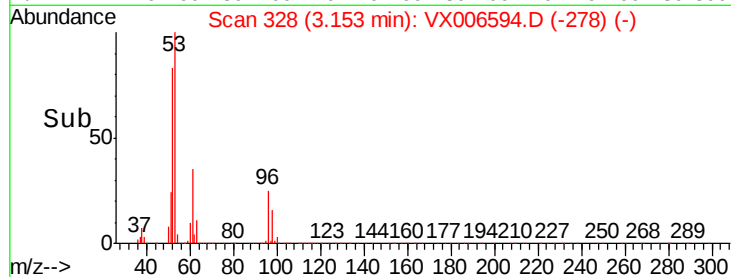
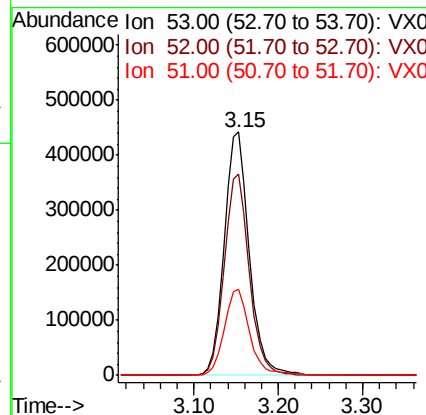
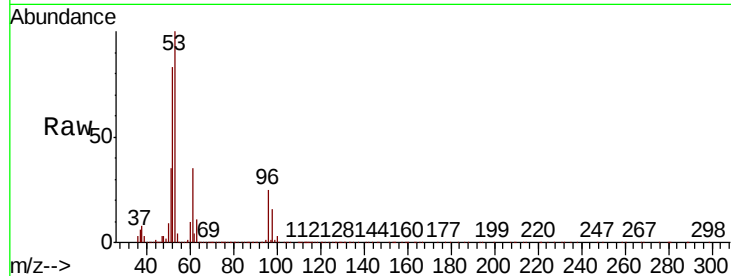
ClientSampleId :

ICVVX121818

Tot Ion:	53	Resp:	900462
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.0	99.0
51	35.7	28.6	42.8

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#16

Acetone

Concen: 248.953 ug/l

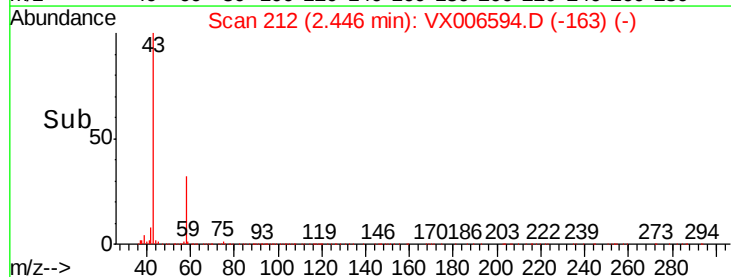
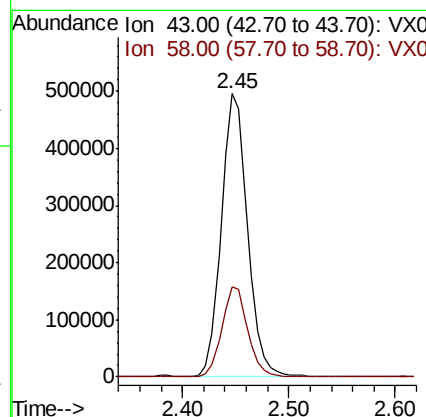
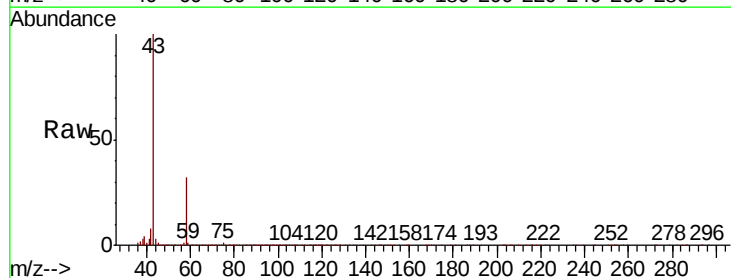
RT: 2.45 min Scan# 212

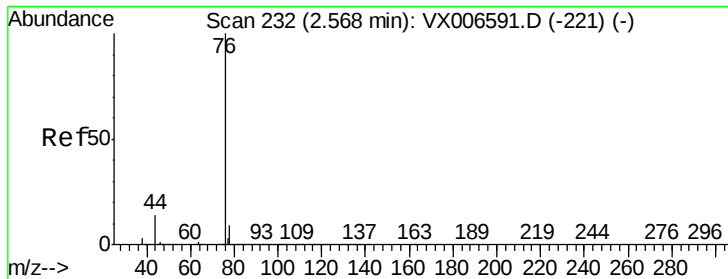
Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion:	43	Resp:	841531
Ion Ratio		Lower	Upper
43	100		
58	31.9	25.0	37.6





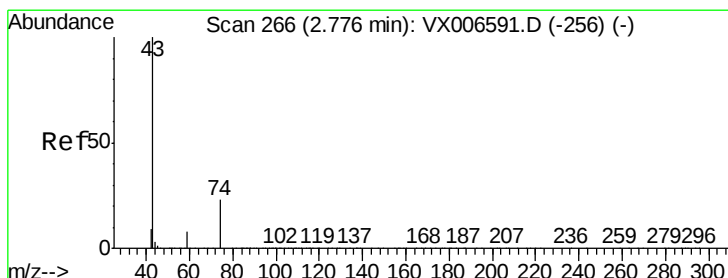
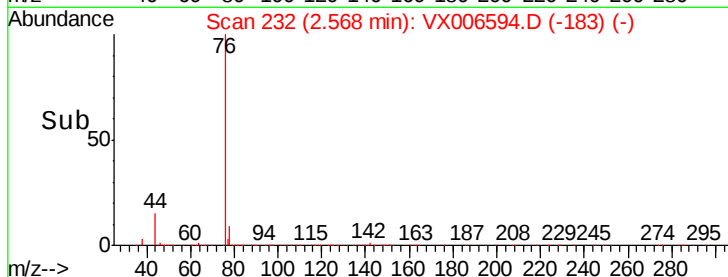
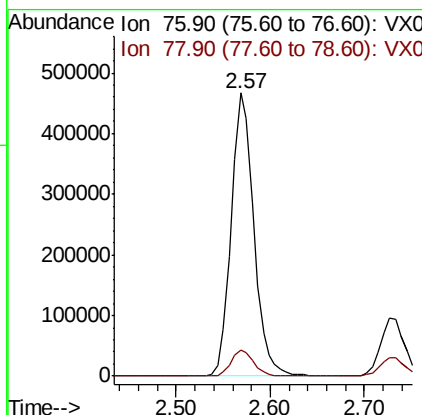
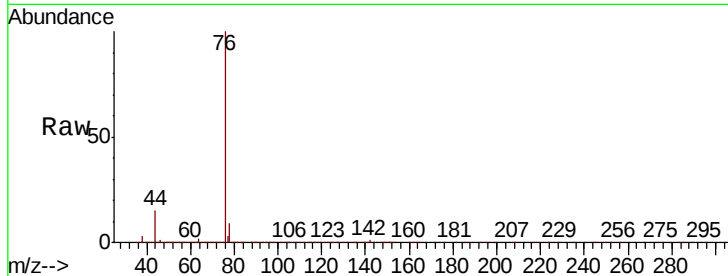
#17
Carbon Disulfide
Concen: 48.286 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

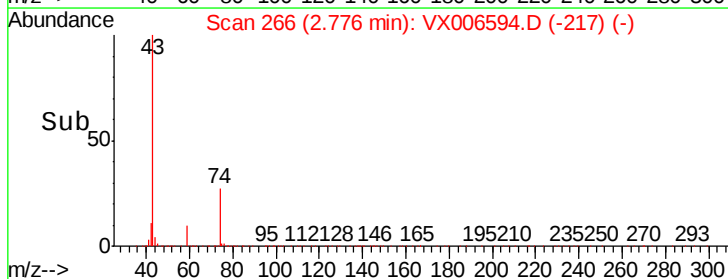
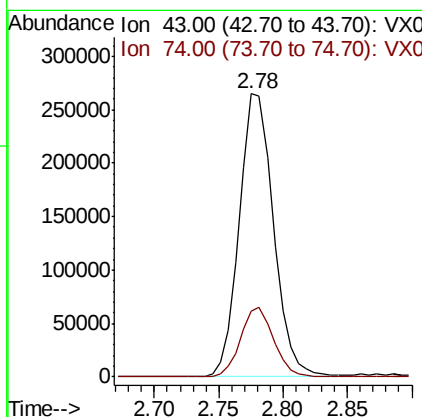
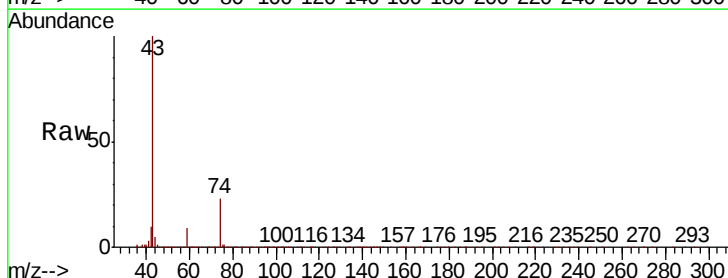
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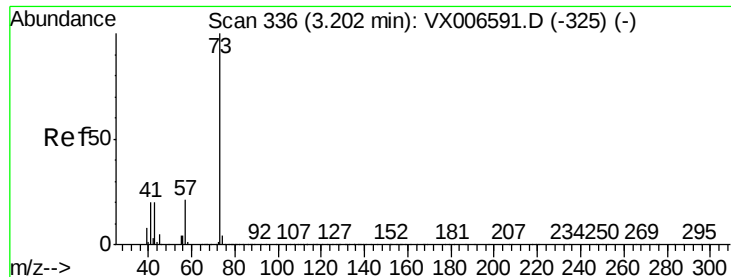
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#18
Methyl Acetate
Concen: 48.927 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.6	28.0





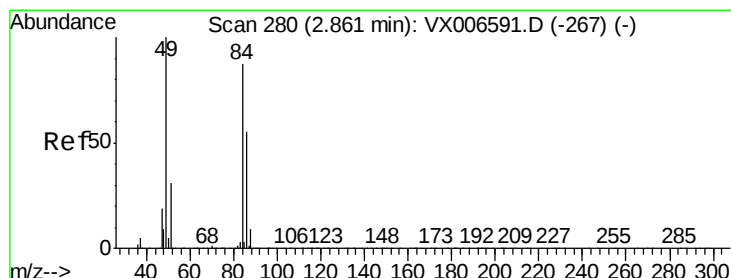
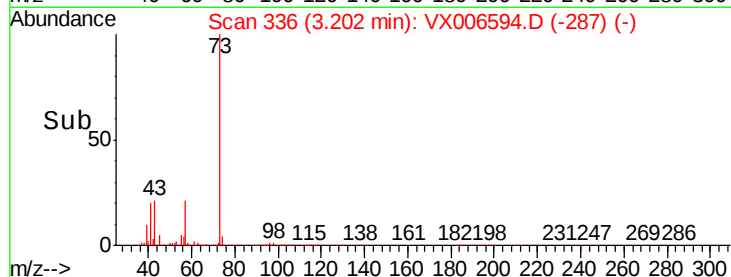
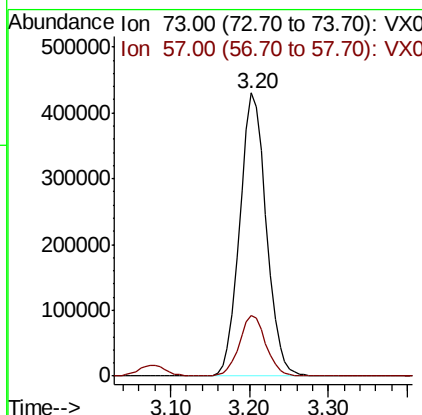
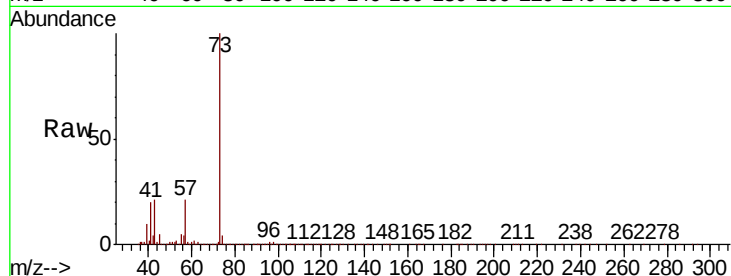
#19
Methvl tert-butvl Ether
Concen: 49.728 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion: 73 Resp: 1006703
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2

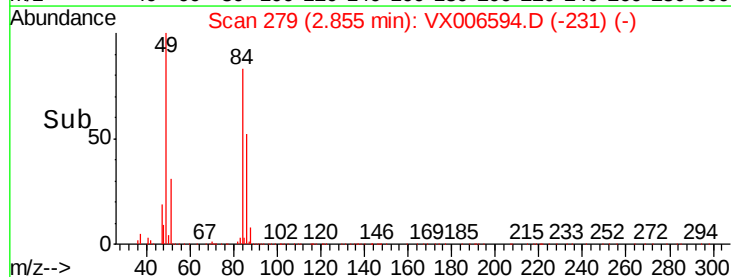
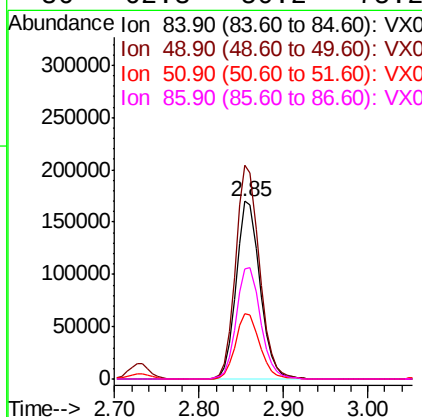
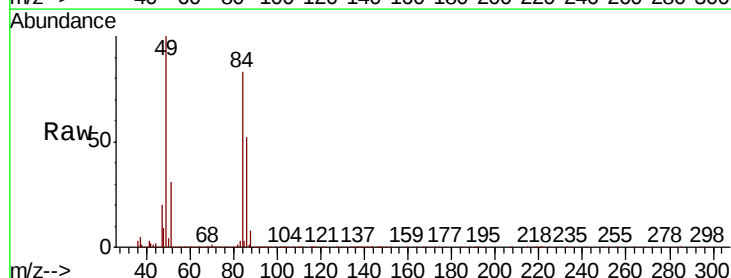
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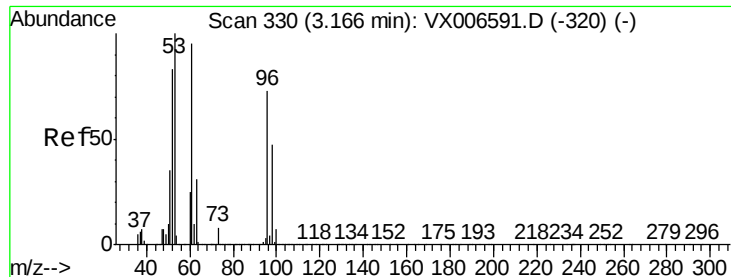
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#20
Methylene Chloride
Concen: 46.271 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion: 84 Resp: 323428
Ion Ratio Lower Upper
84 100
49 120.2 91.8 137.6
51 36.7 28.5 42.7
86 62.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.987 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

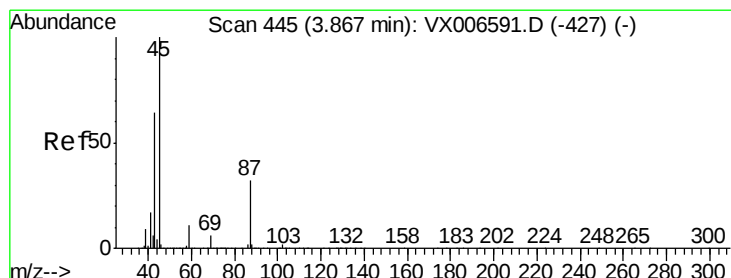
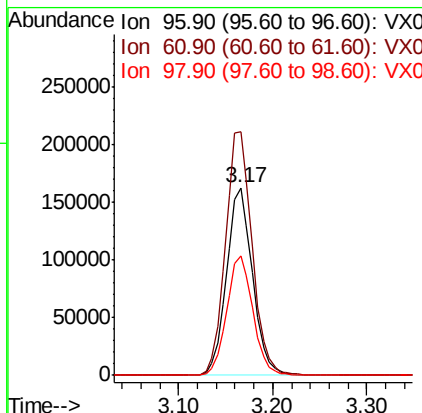
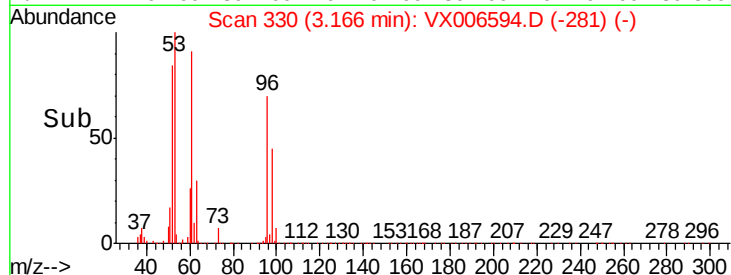
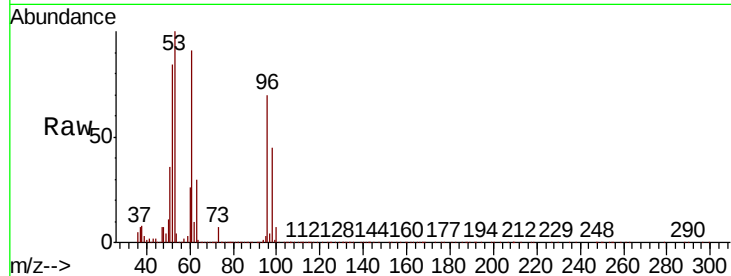
ClientSampleId :

ICVVX121818

Tot Ion:	96	Resp:	310789
Ion	Ratio	Lower	Upper
96	100		
61	129.8	103.7	155.5
98	63.9	51.0	76.6

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#22

Diisopropyl ether

Concen: 48.438 ug/l

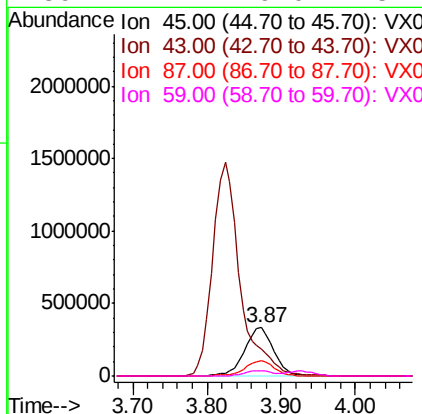
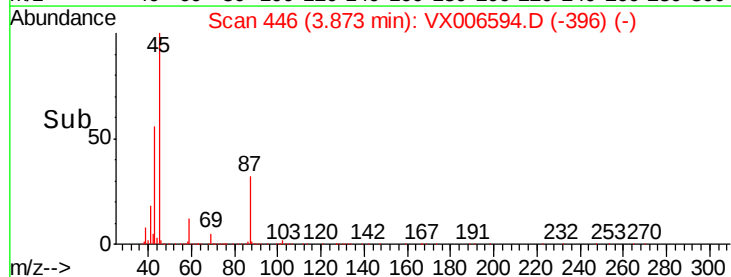
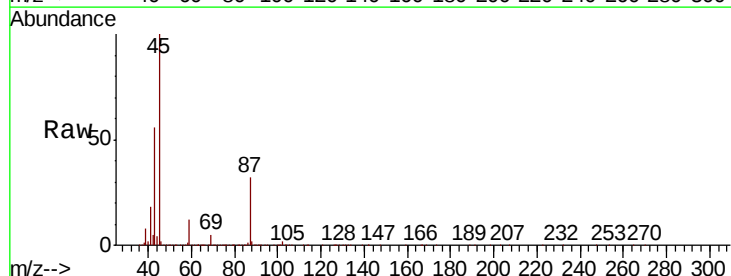
RT: 3.87 min Scan# 446

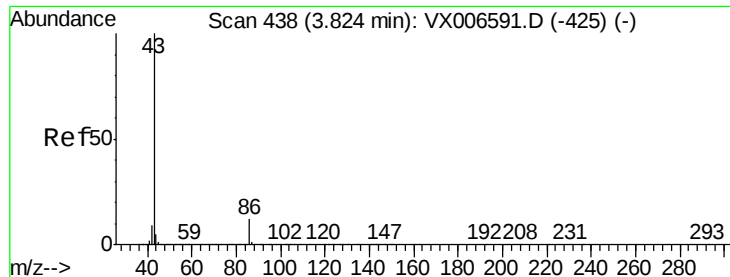
Delta R.T. 0.01 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion:	45	Resp:	909786
Ion	Ratio	Lower	Upper
45	100		
43	55.8	51.2	76.8
87	31.7	25.8	38.6
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 246.801 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tot Ion: 43 Resp: 3791735

Ion Ratio Lower Upper

43 100

86 11.5 9.2 13.8

Instrument :

MSVOA_X

ClientSampleId :

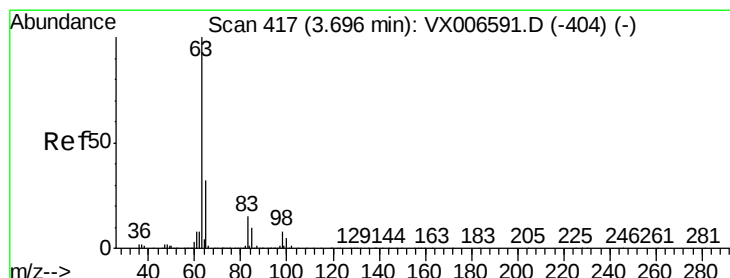
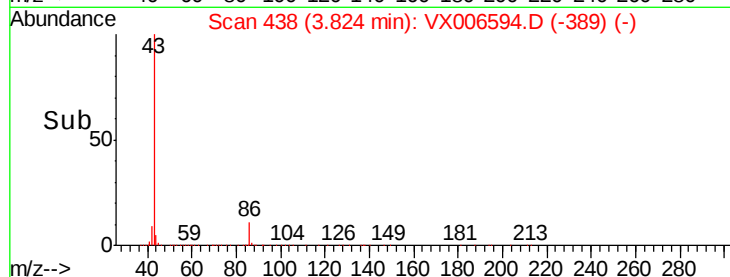
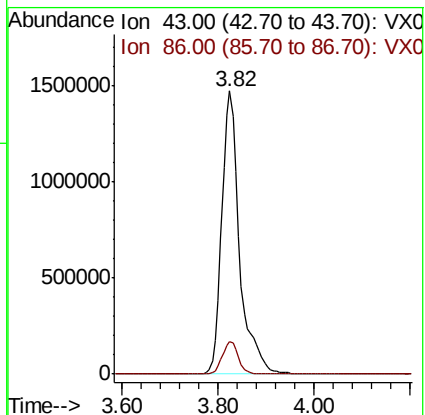
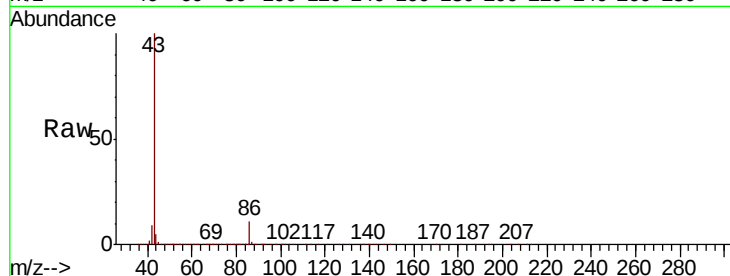
ICVVX121818

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#24

1,1-Dichloroethane

Concen: 46.107 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

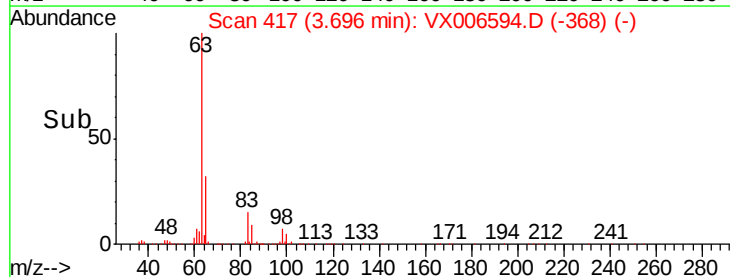
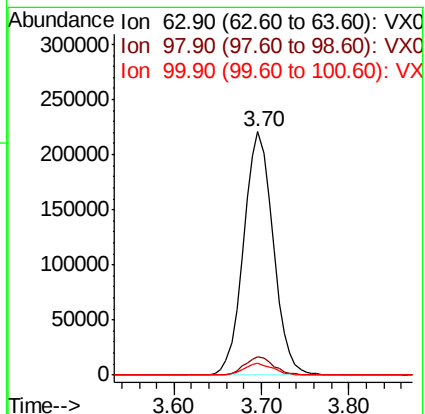
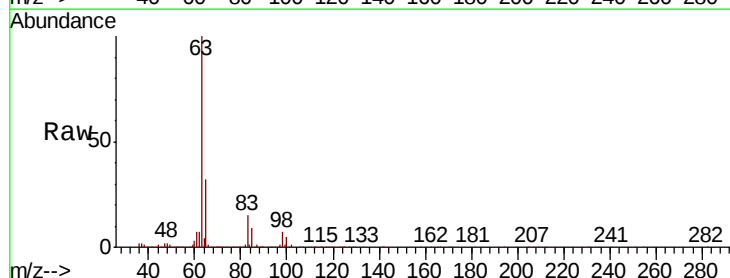
Tgt Ion: 63 Resp: 516962

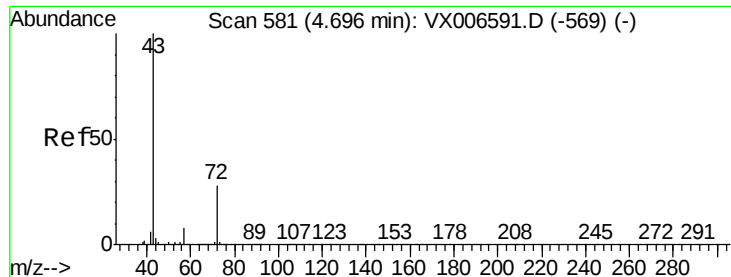
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 241.576 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 43 Resp: 1148641

Ion Ratio Lower Upper

43 100

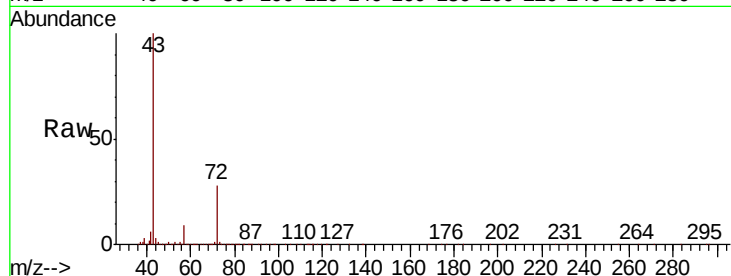
72 28.1 22.4 33.6

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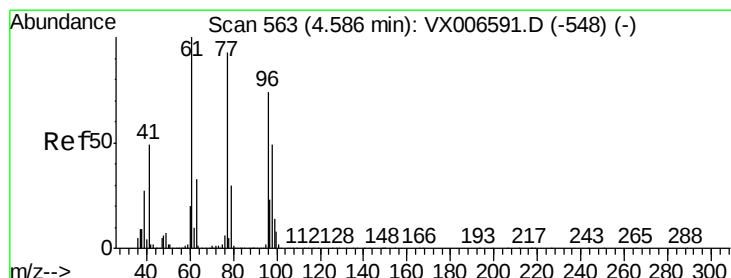
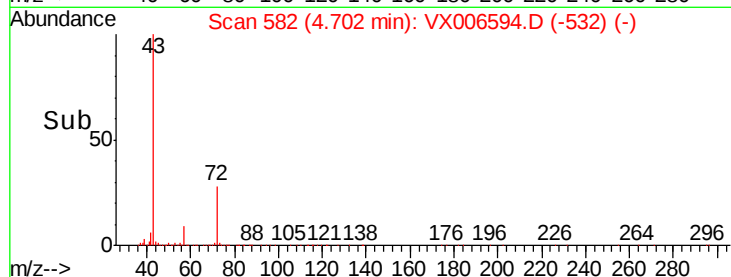
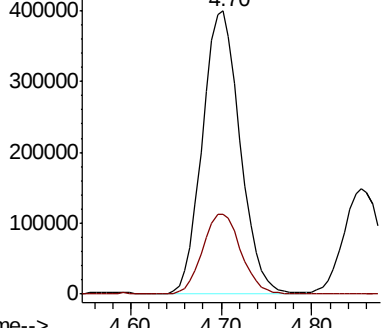
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.026 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006594.D

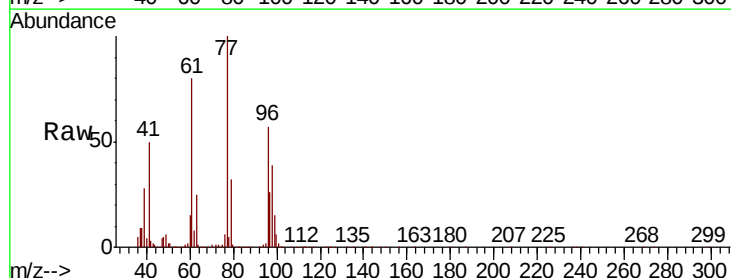
Acq: 18 Dec 2018 13:24

Tgt Ion: 77 Resp: 433282

Ion Ratio Lower Upper

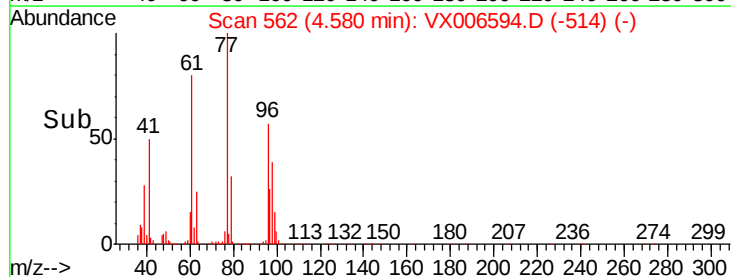
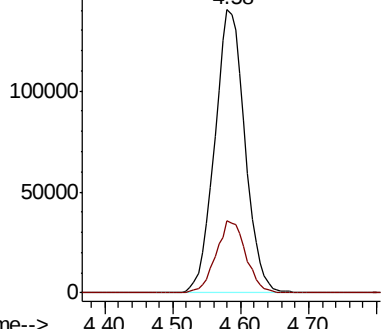
77 100

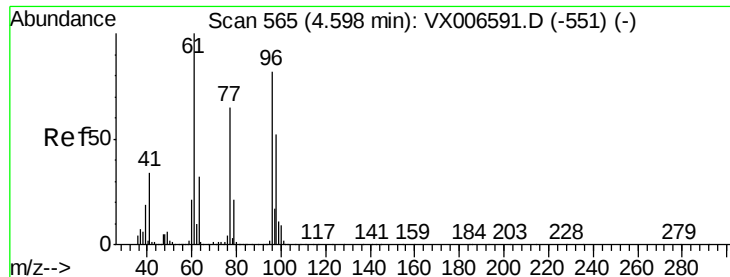
97 25.2 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

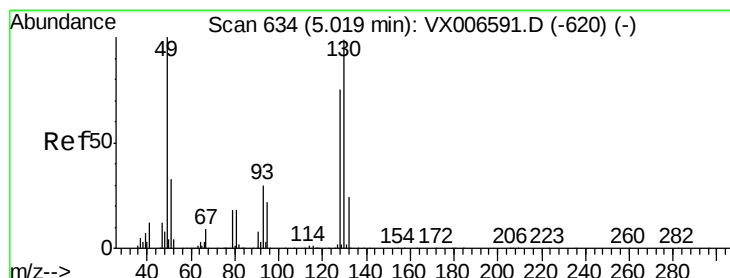
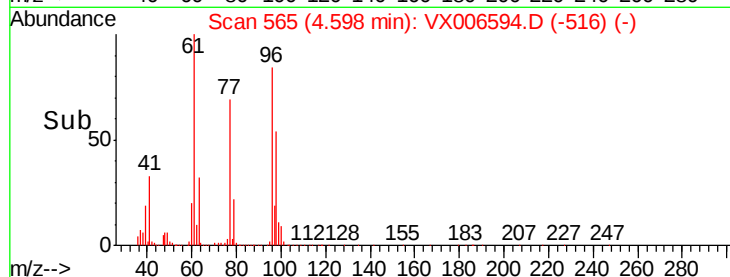
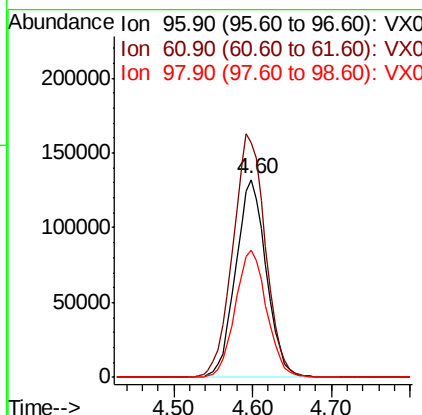
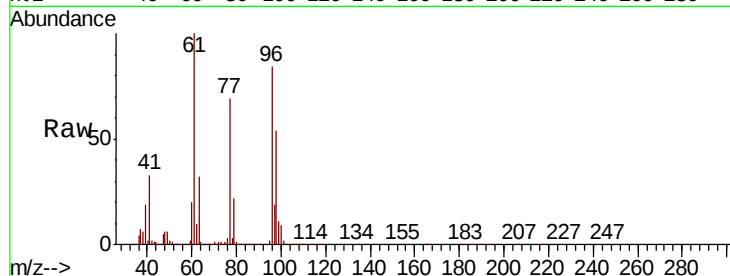
cis-1,2-Dichloroethene
Concen: 47.887 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	258.6
98	65.9	0.0	132.0

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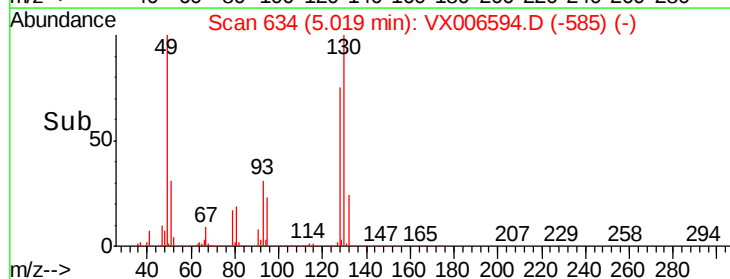
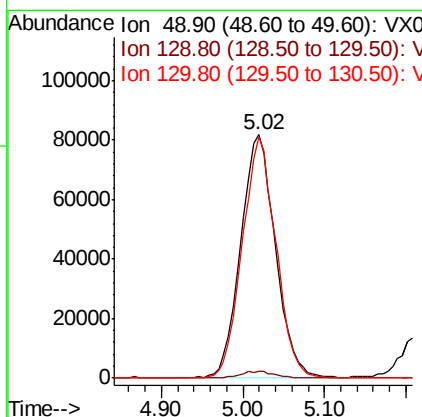
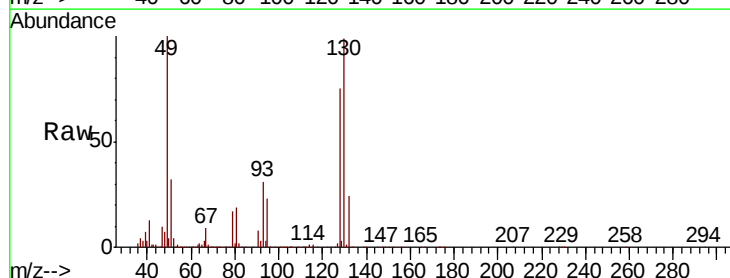
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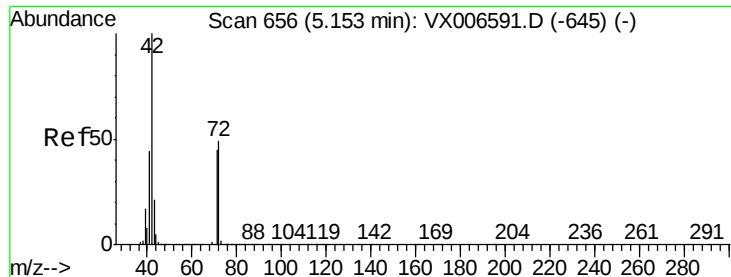


#28

Bromochloromethane
Concen: 50.918 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.4
130	96.8	77.7	116.5





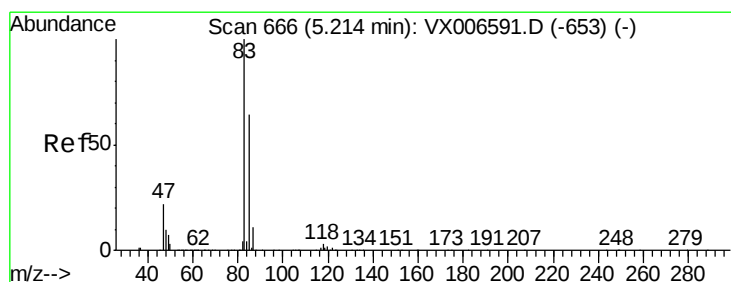
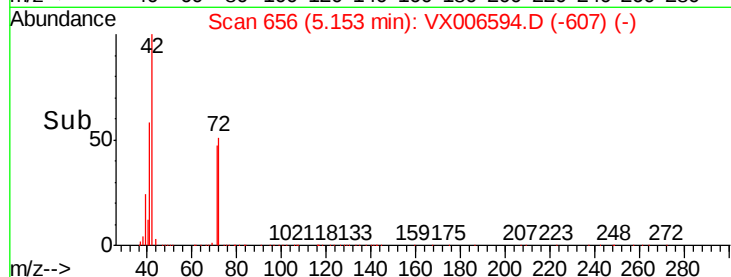
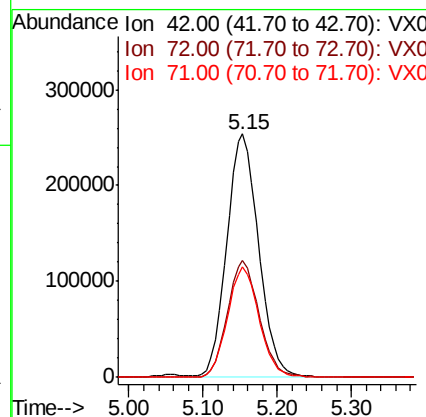
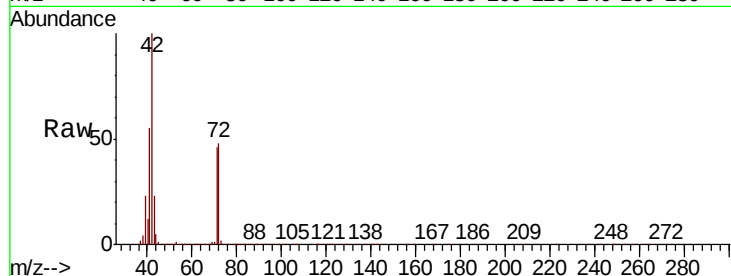
#29
Tetrahydrofuran
Concen: 240.901 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	38.9	58.3
71	45.1	36.2	54.4

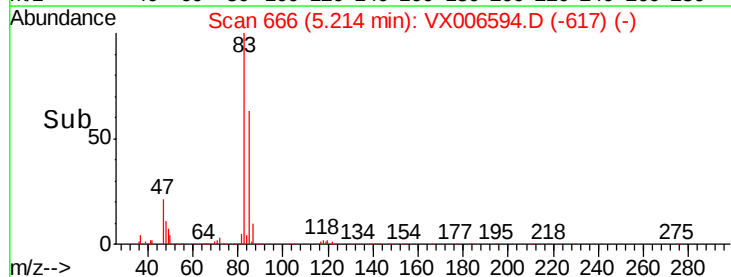
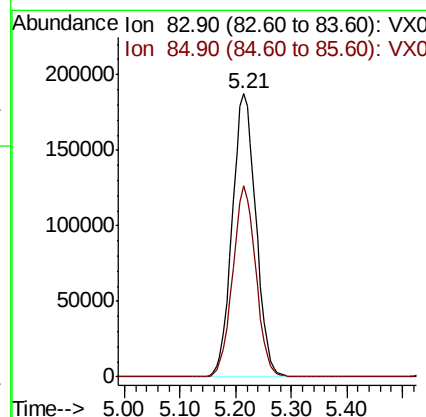
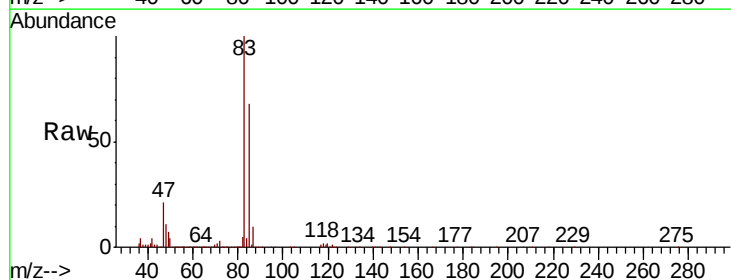
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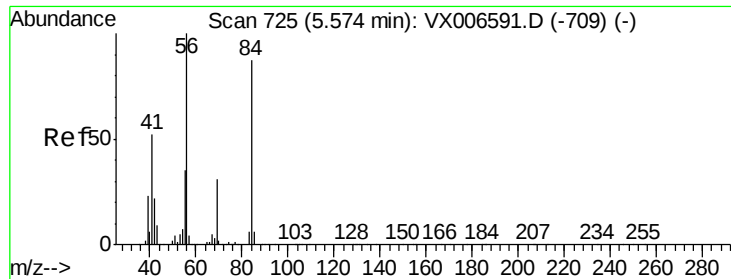
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#30
Chloroform
Concen: 47.509 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.2	76.8





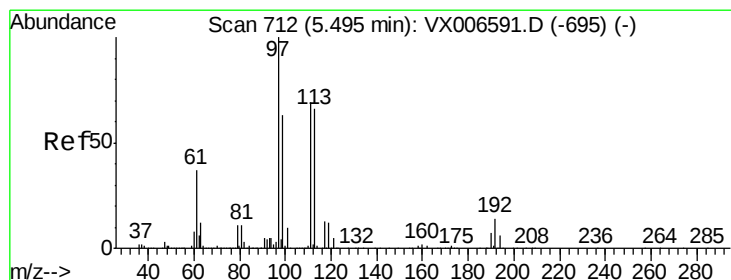
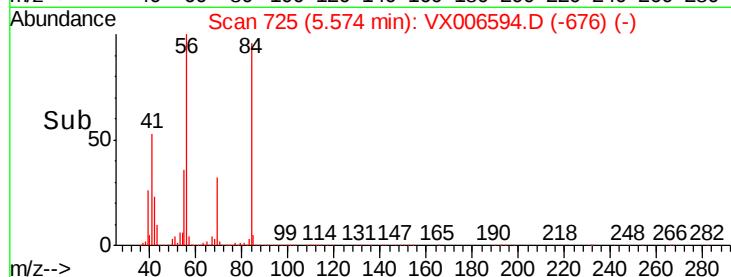
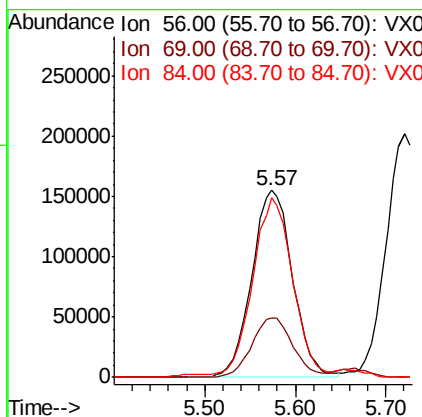
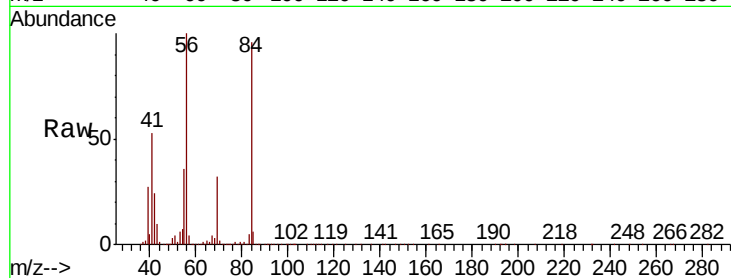
#31
Cyclohexane
Concen: 47.249 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.4	36.6
84	94.7	70.0	105.0

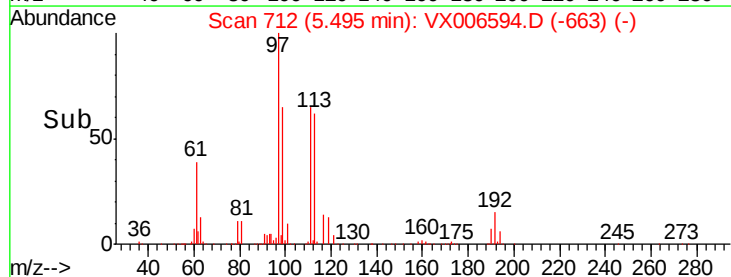
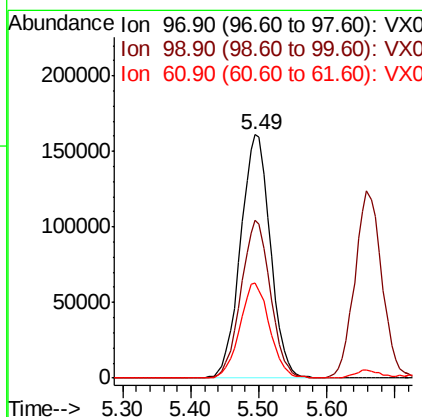
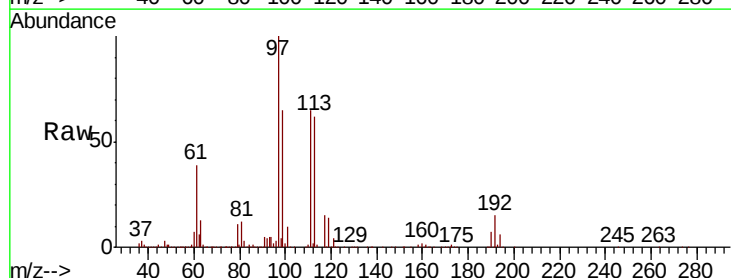
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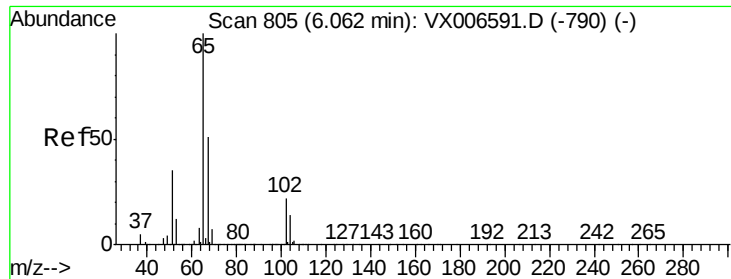
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#32
1,1,1-Trichloroethane
Concen: 50.062 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	38.8	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 45.875 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 65 Resp: 337527

Ion Ratio Lower Upper

65 100

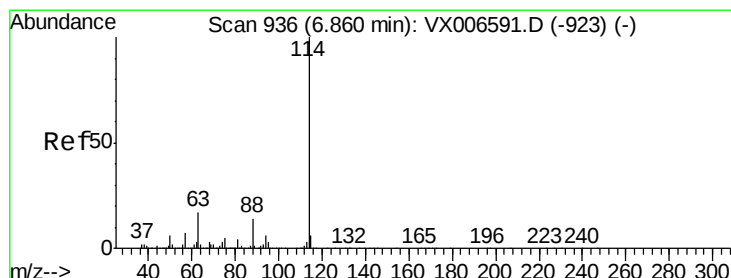
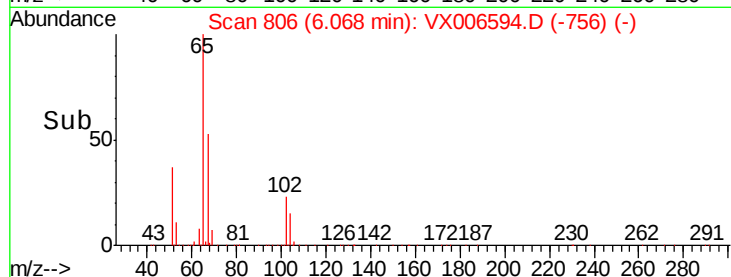
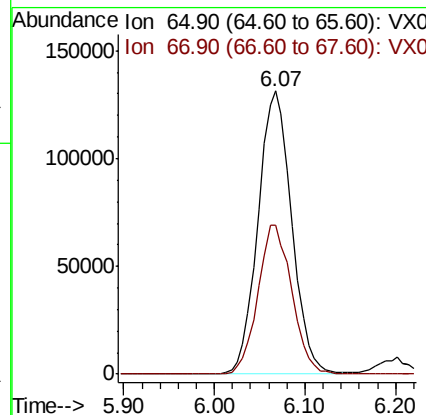
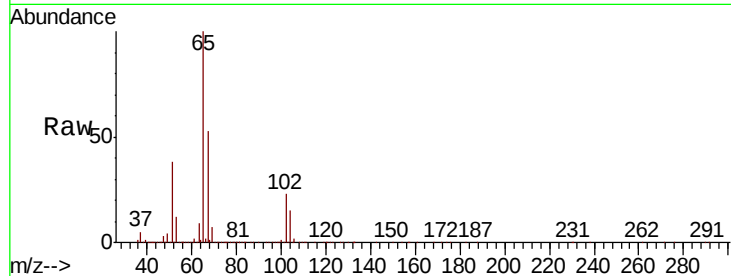
67 53.2 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

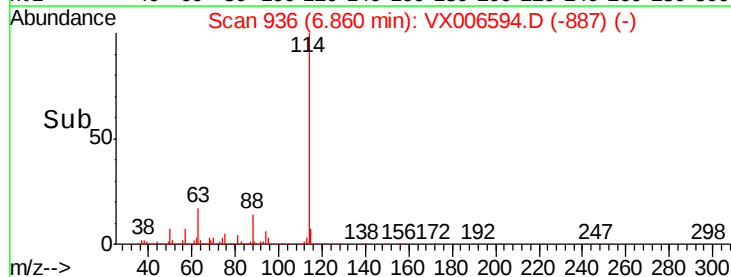
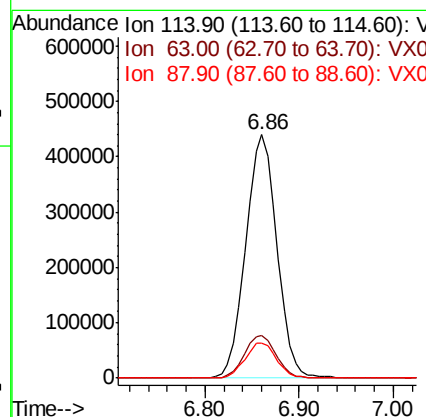
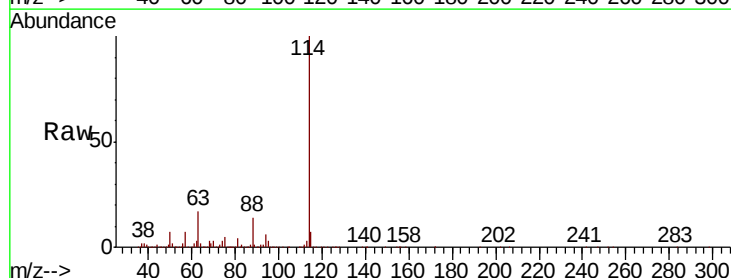
Tgt Ion: 114 Resp: 1020985

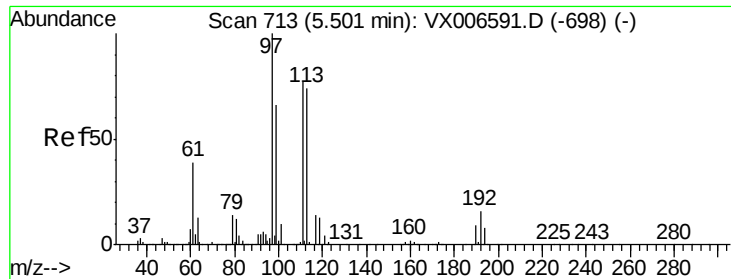
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.750 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

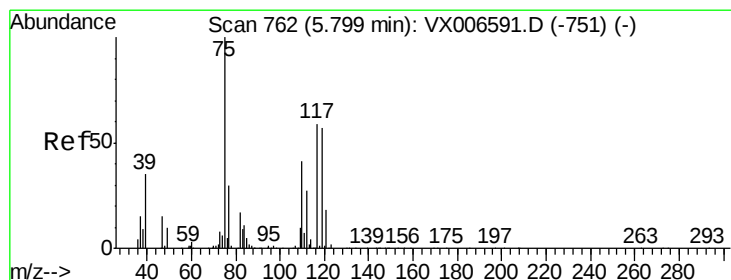
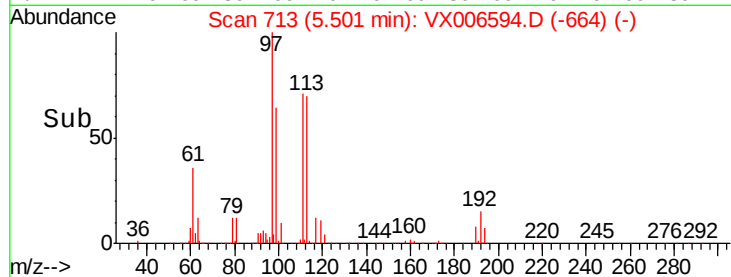
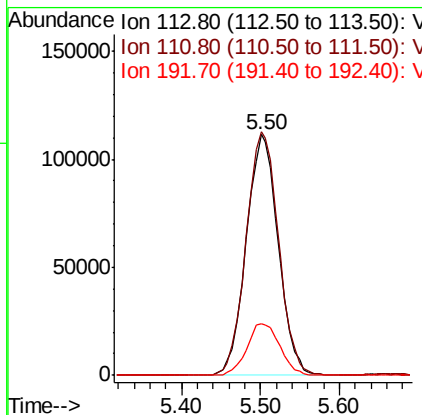
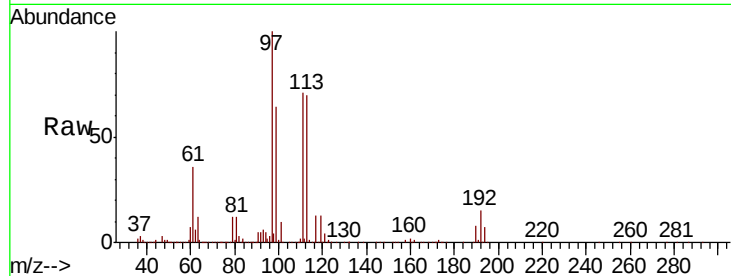
ClientSampleId :

ICVVX121818

Tot Ion:	113	Resp:	314755
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.6	122.4
192	22.2	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 48.924 ug/l

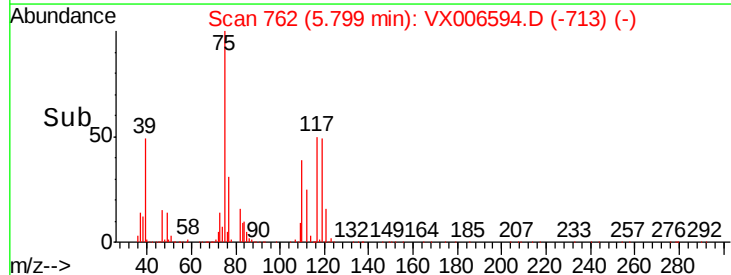
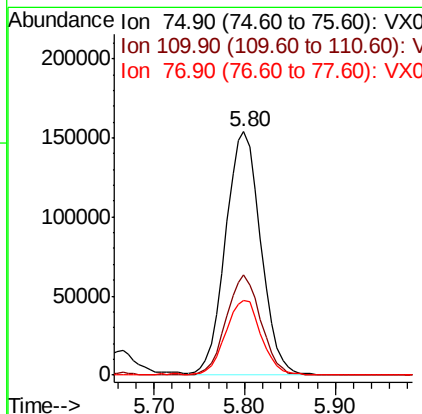
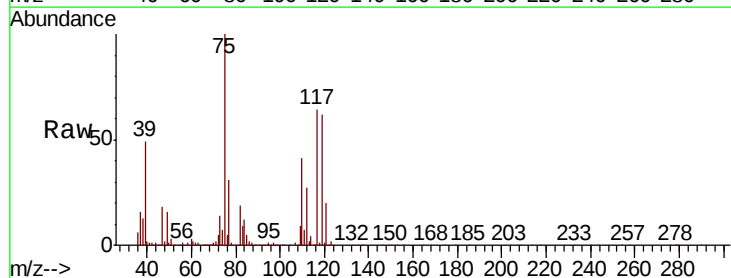
RT: 5.80 min Scan# 762

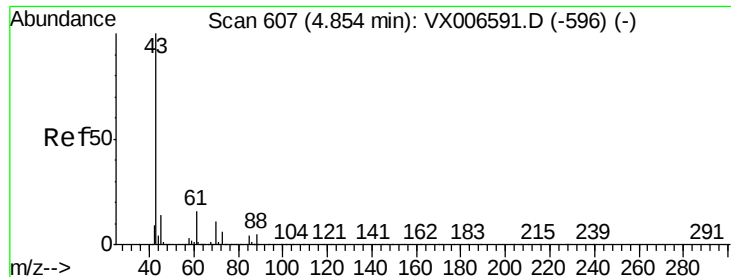
Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion:	75	Resp:	413708
Ion Ratio	Lower	Upper	
75	100		
110	40.3	20.2	60.5
77	30.9	24.8	37.2





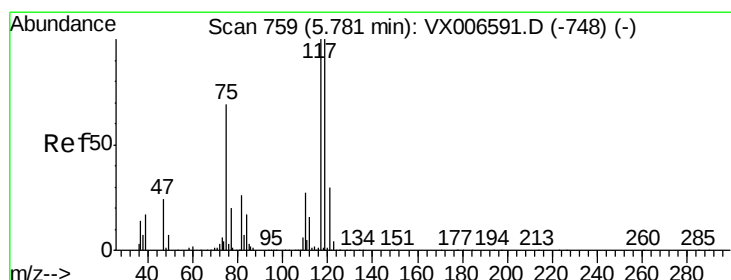
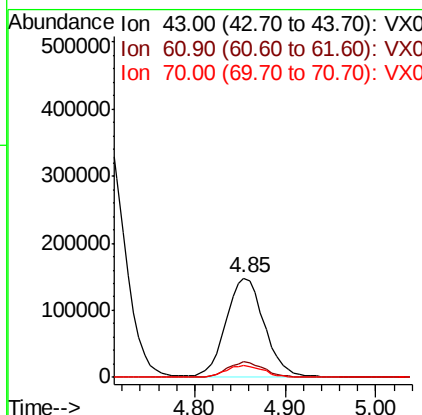
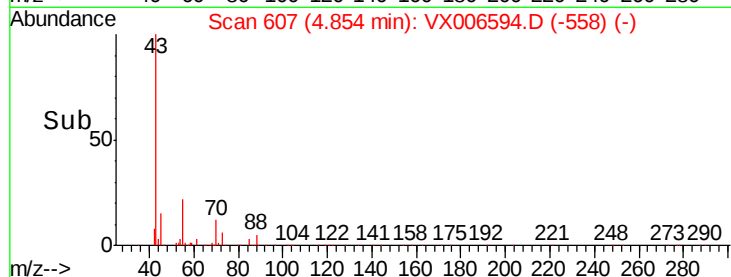
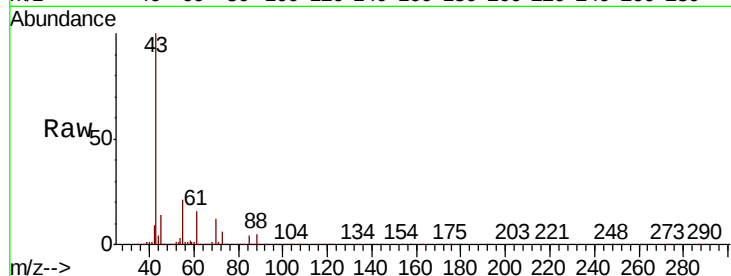
#37
Ethyl Acetate
Concen: 49.130 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.9	17.9
70	12.0	9.7	14.5

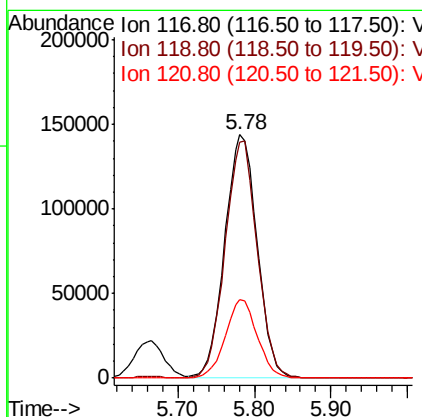
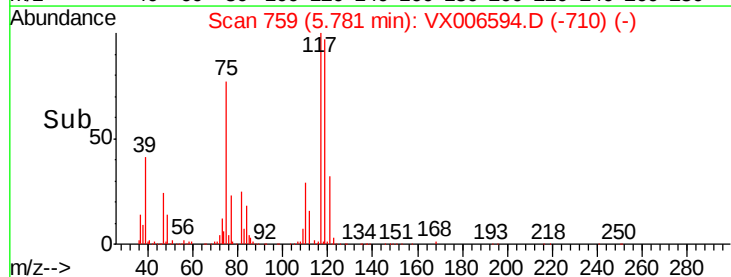
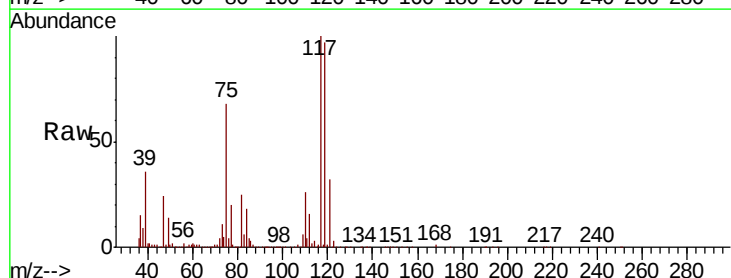
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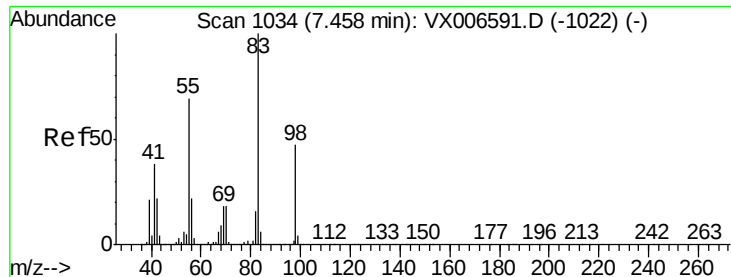
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#38
Carbon Tetrachloride
Concen: 51.164 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.2
121	32.0	24.0	36.0





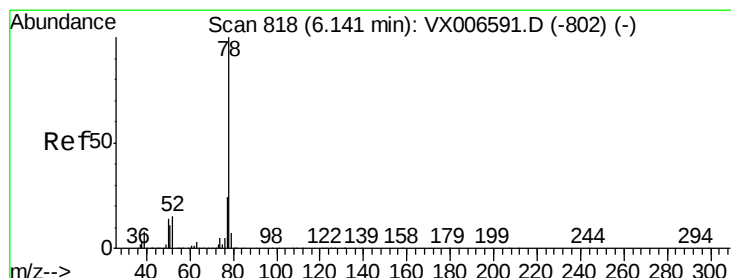
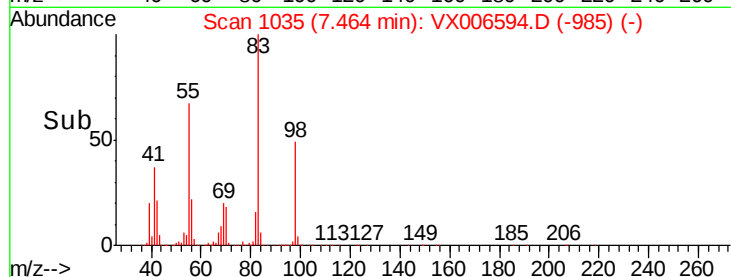
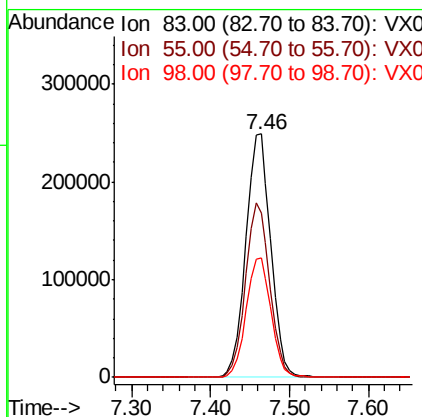
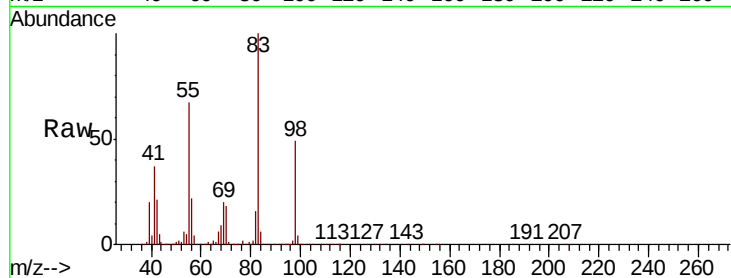
#39
Methvlcvclohexane
Concen: 49.102 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.3	54.9	82.3
98	49.2	37.9	56.9

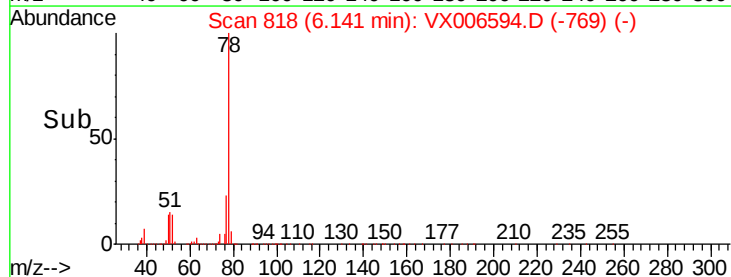
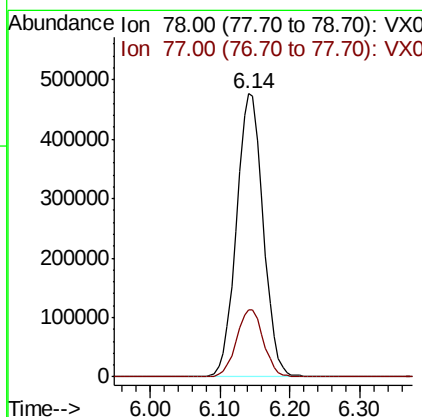
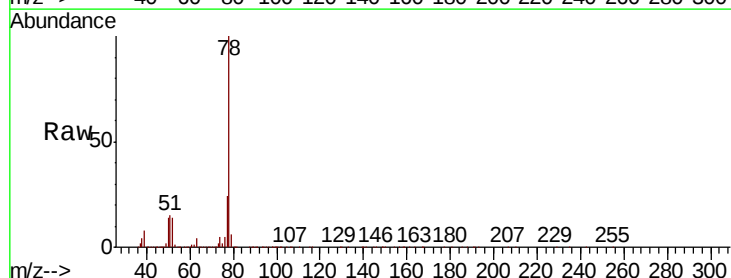
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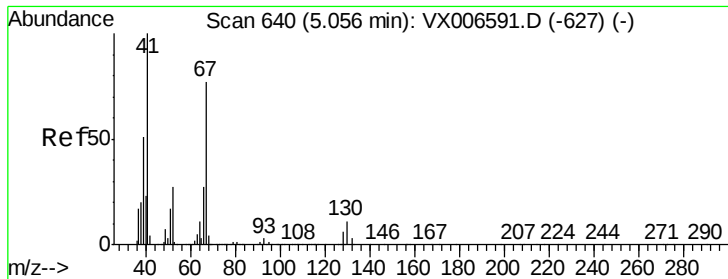
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#40
Benzene
Concen: 49.109 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 51.568 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006594.D

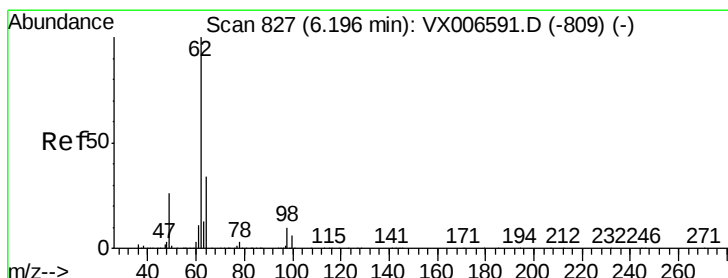
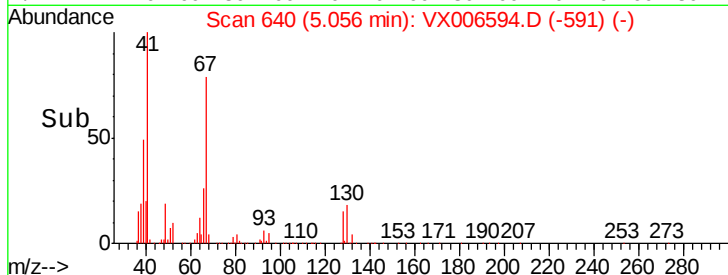
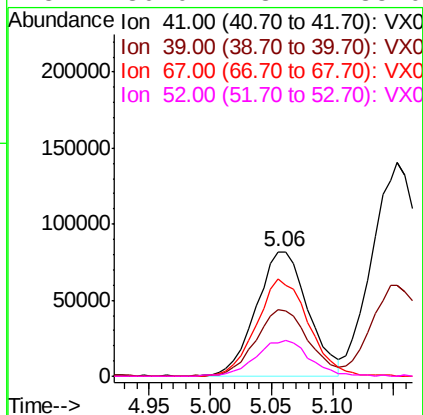
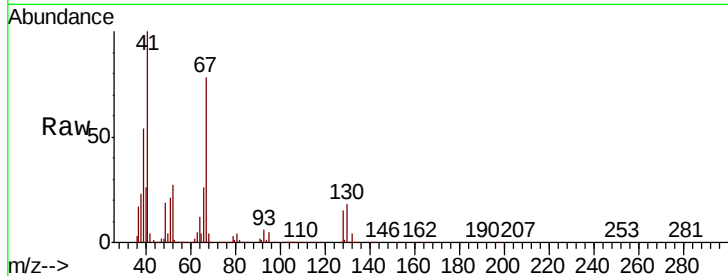
Acq: 18 Dec 2018 13:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		240967		
39	54.1	42.8	64.2		
67	78.2	62.1	93.1		
52	30.0	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

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#42

1,2-Dichloroethane

Concen: 48.205 ug/l

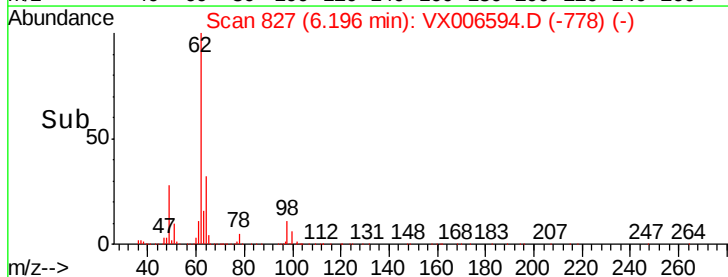
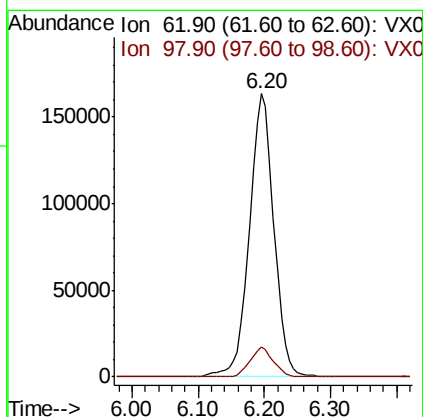
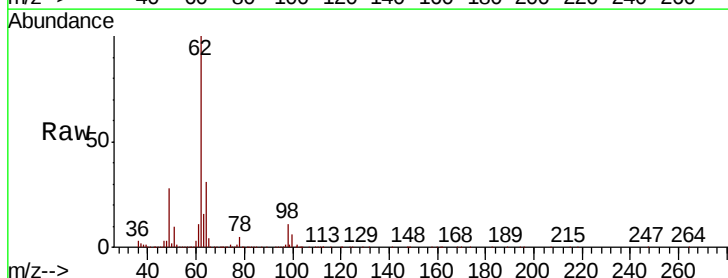
RT: 6.20 min Scan# 827

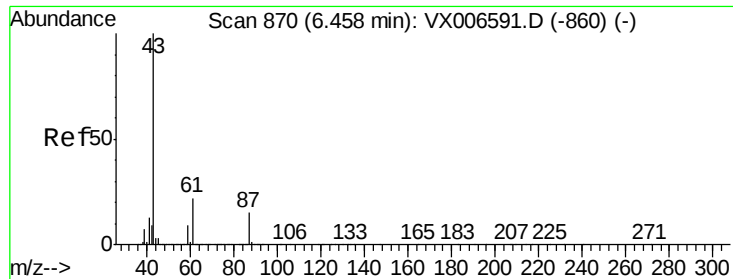
Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		422210		
98	9.9	0.0	20.2		





#43

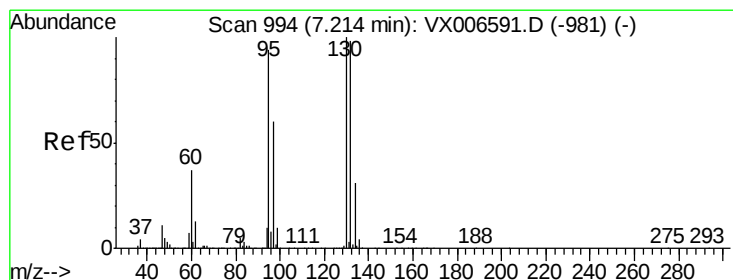
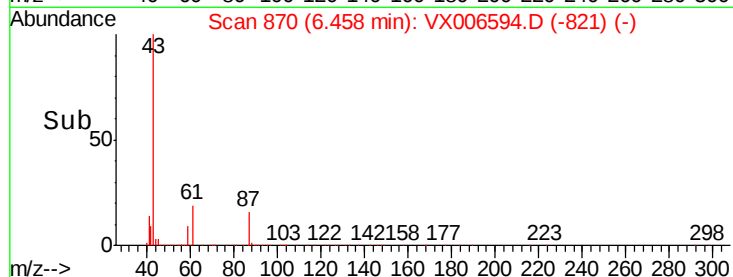
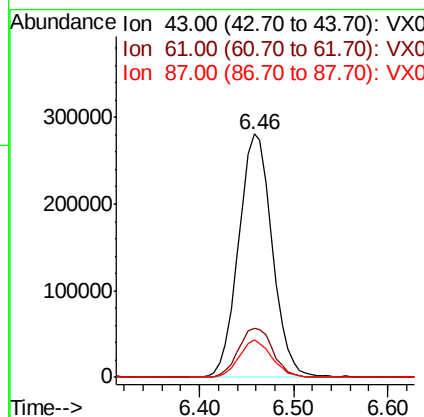
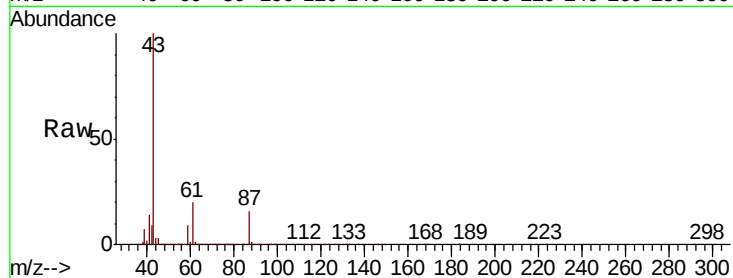
Isopropyl Acetate
 Concen: 52.318 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121818

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	15.1	12.4	18.6

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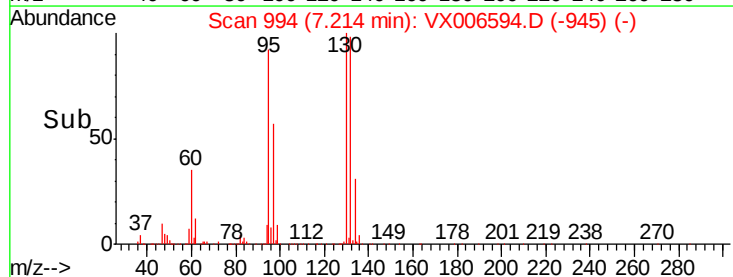
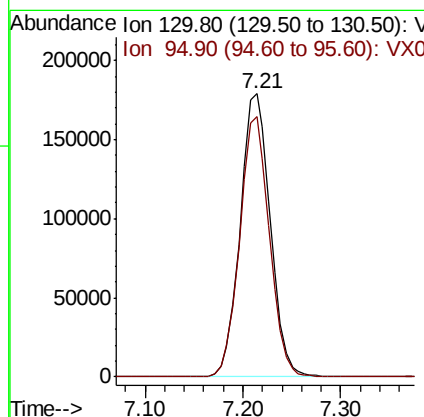
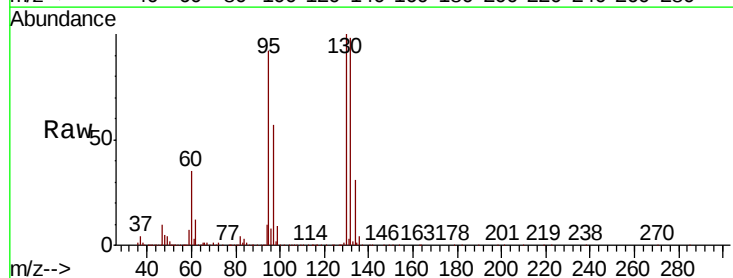
MMDadoda
 12/19/2018 11:22:13 AM

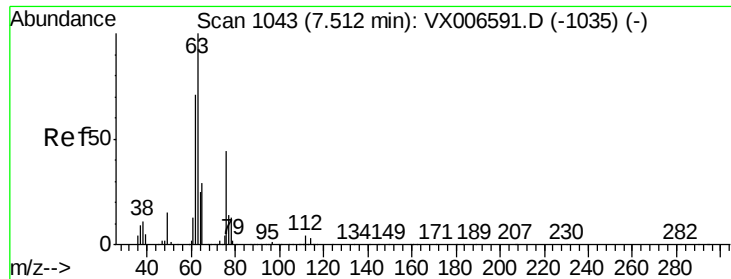


#44

Trichloroethene
 Concen: 49.086 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.250 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 63 Resp: 314311

Ion Ratio Lower Upper

63 100

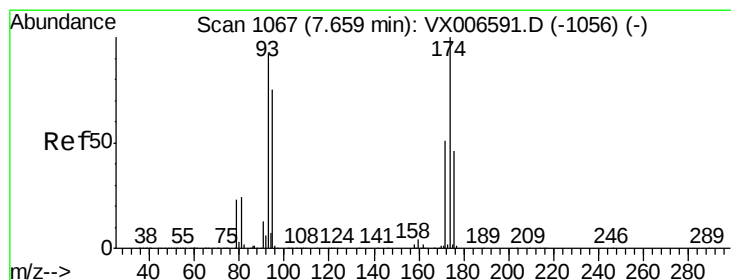
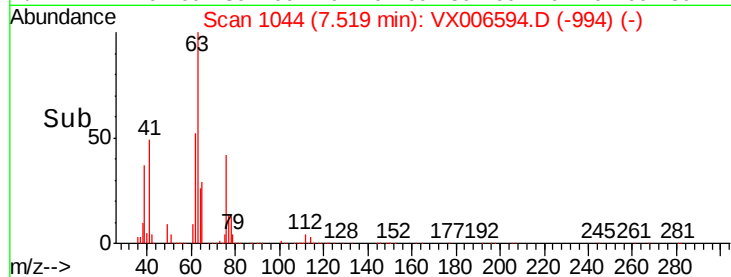
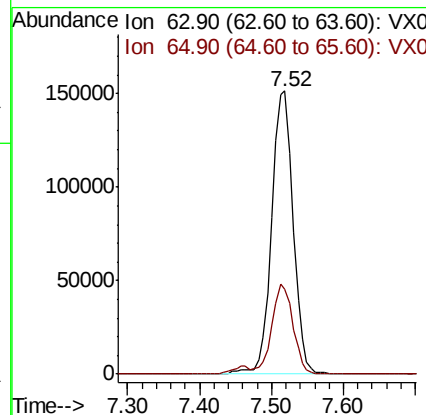
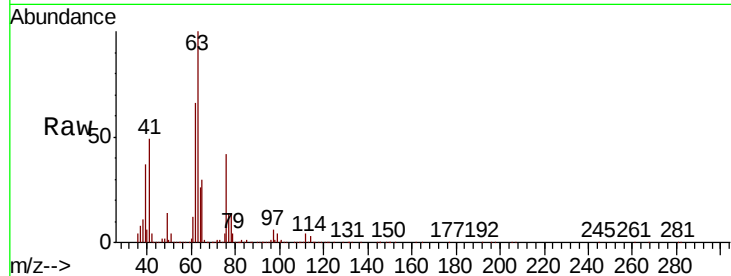
65 30.0 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 49.081 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

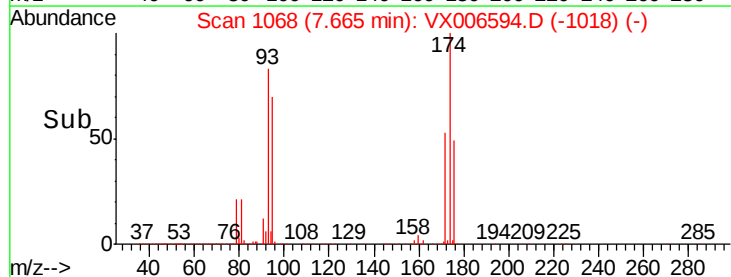
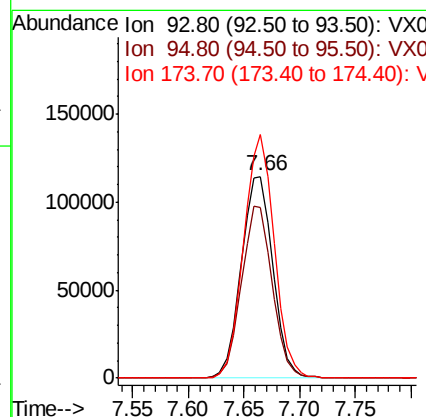
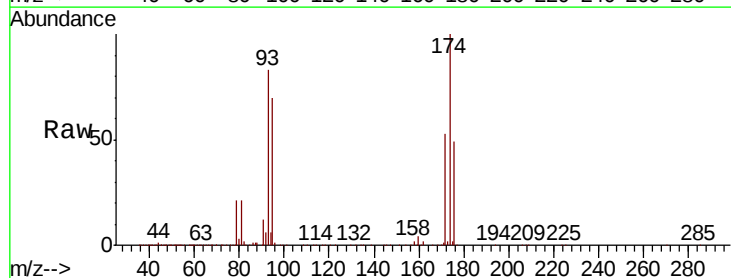
Tgt Ion: 93 Resp: 225814

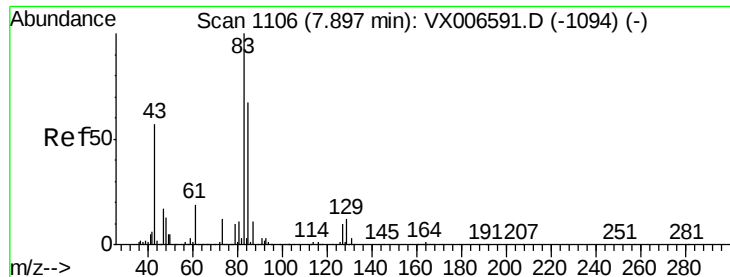
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 116.8 91.0 136.4





#47

Bromodichloromethane

Concen: 51.941 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

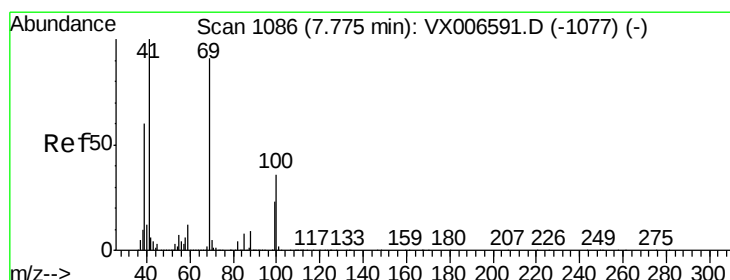
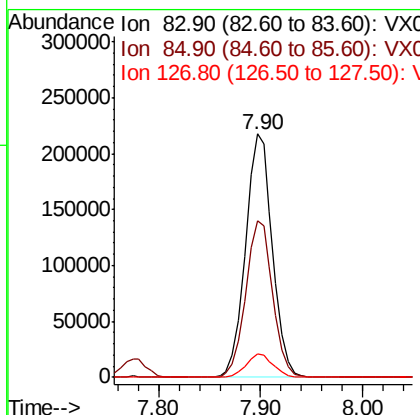
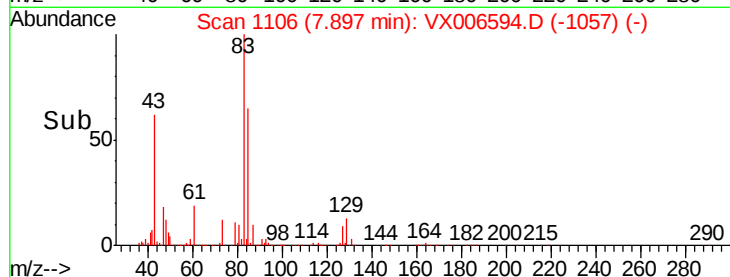
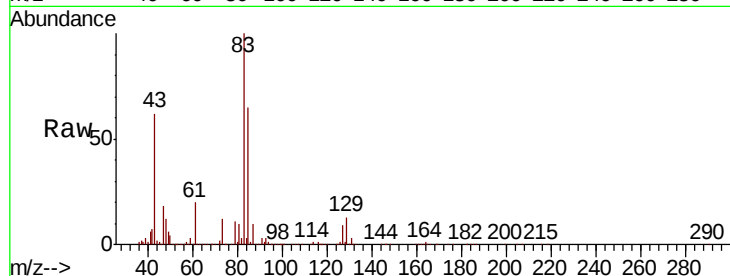
ClientSampleId :

ICVX121818

Tot Ion:	83	Resp:	396753
Ion Ratio	Lower	Upper	
83	100		
85	64.5	53.2	79.8
127	9.5	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.028 ug/l

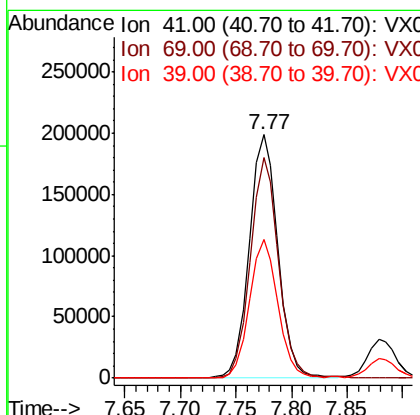
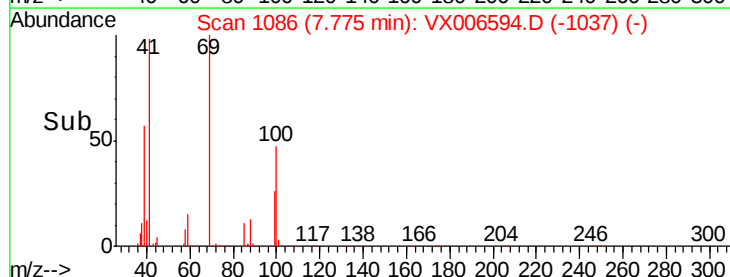
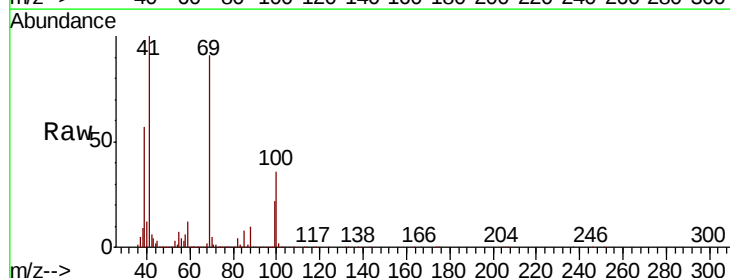
RT: 7.77 min Scan# 1086

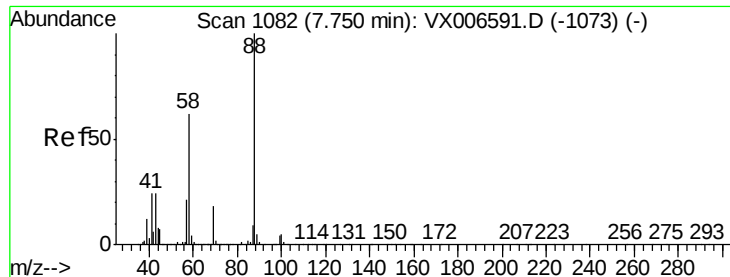
Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion:	41	Resp:	354308
Ion Ratio	Lower	Upper	
41	100		
69	89.6	72.4	108.6
39	56.6	45.8	68.8





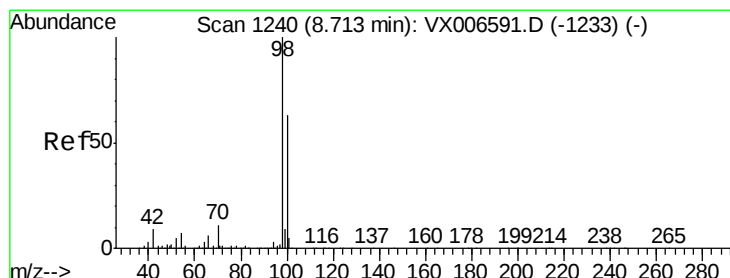
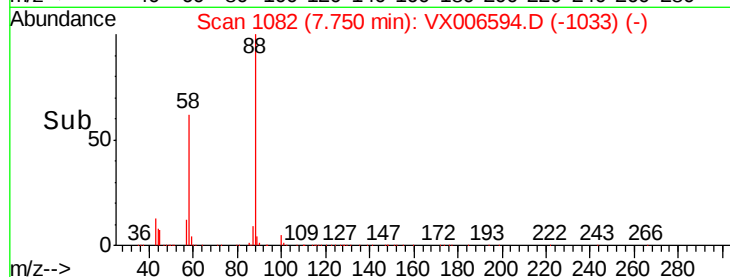
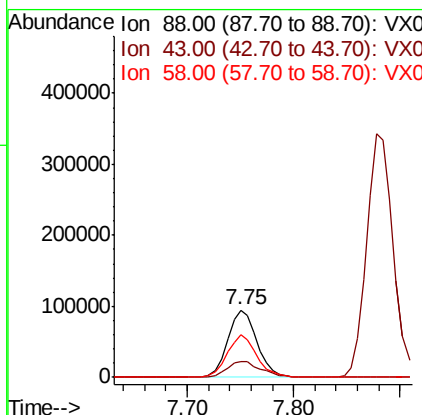
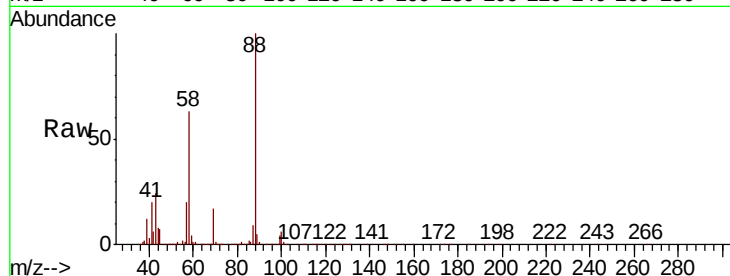
#49
1,4-Dioxane
Concen: 1025.661 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.3	22.2	33.4
58	62.9	51.0	76.4

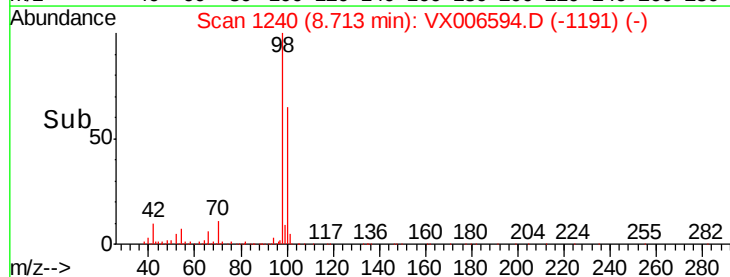
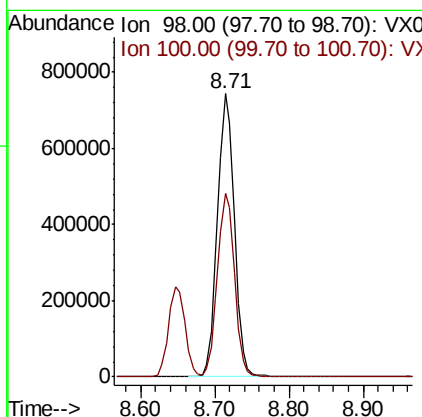
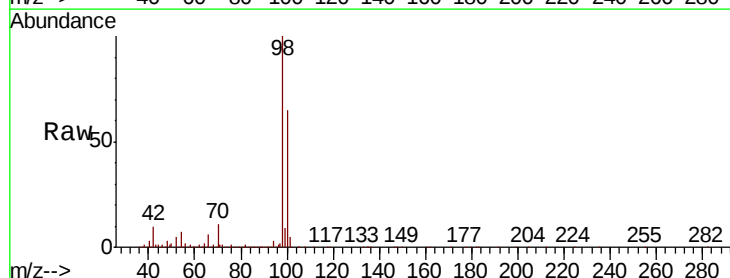
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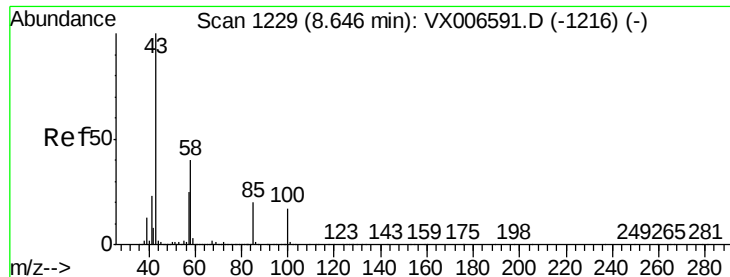
MMDadoda
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#50
Toluene-d8
Concen: 47.885 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 256.915 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tot Ion: 43 Resp: 2189073

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.6

Instrument :

MSVOA_X

ClientSampleId :

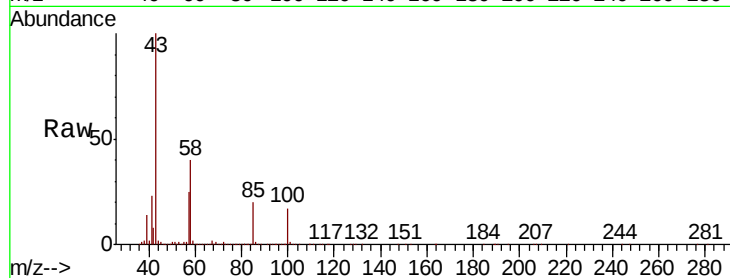
ICVVX121818

Manual Integrations

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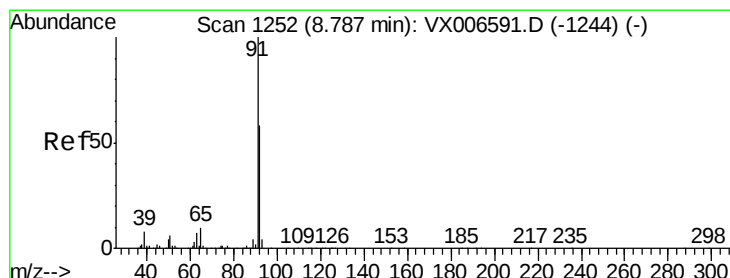
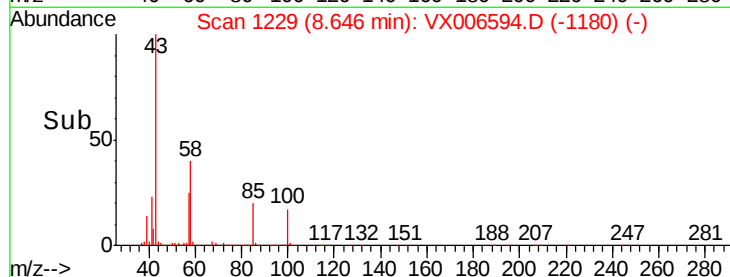
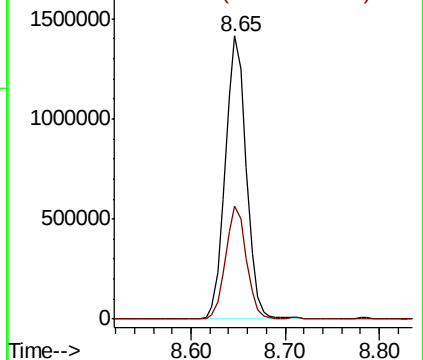
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.884 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006594.D

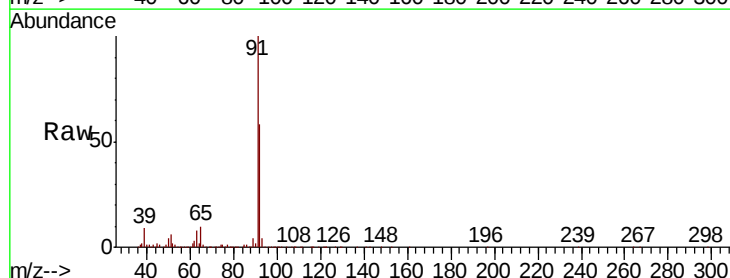
Acq: 18 Dec 2018 13:24

Tgt Ion: 92 Resp: 828369

Ion Ratio Lower Upper

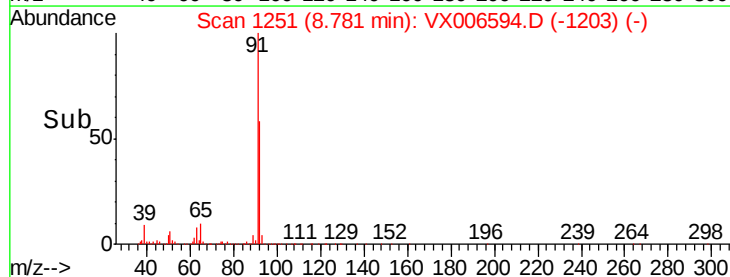
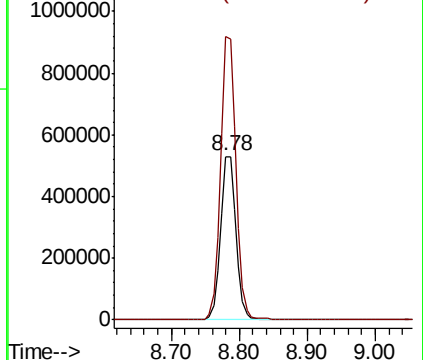
92 100

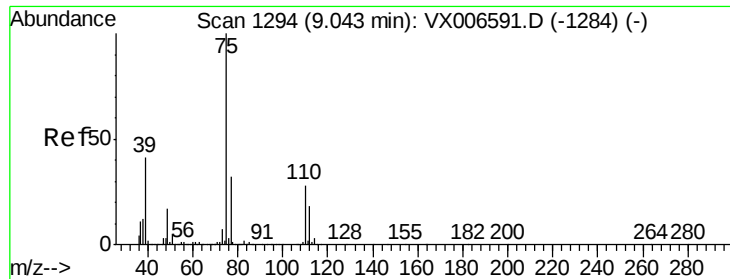
91 172.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.925 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 75 Resp: 449957

Ion Ratio Lower Upper

75 100

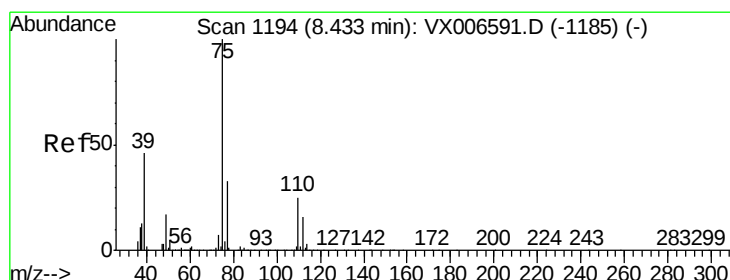
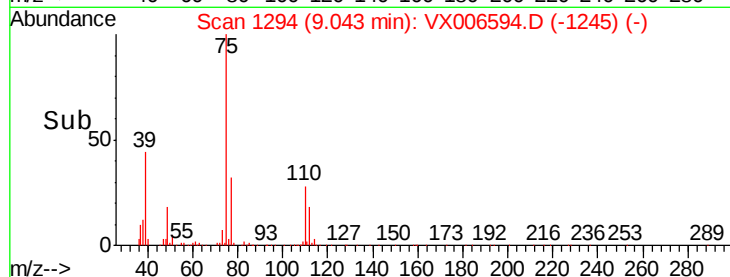
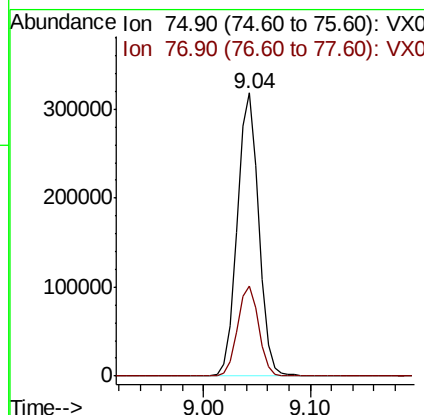
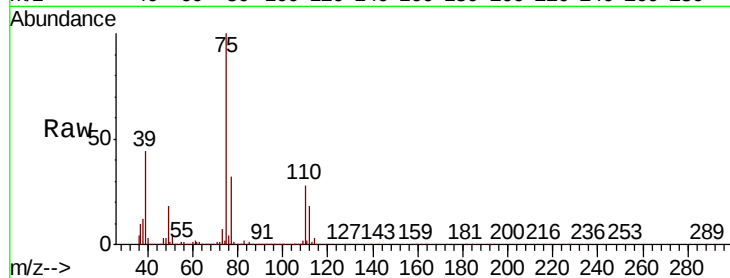
77 31.7 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 54.849 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

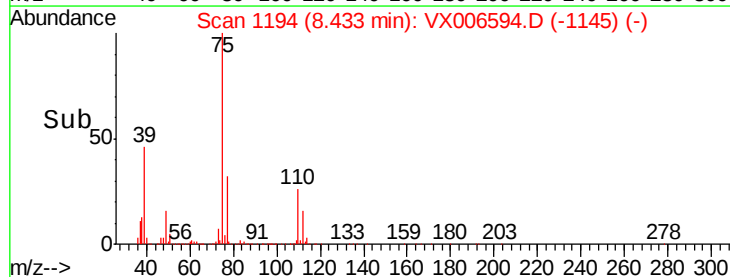
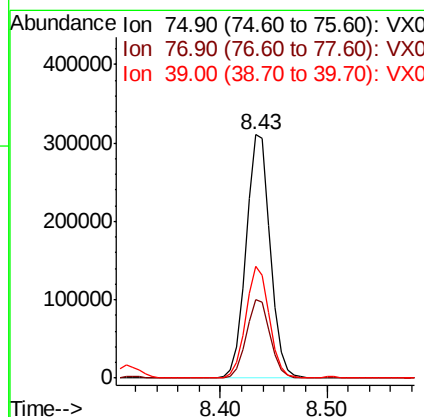
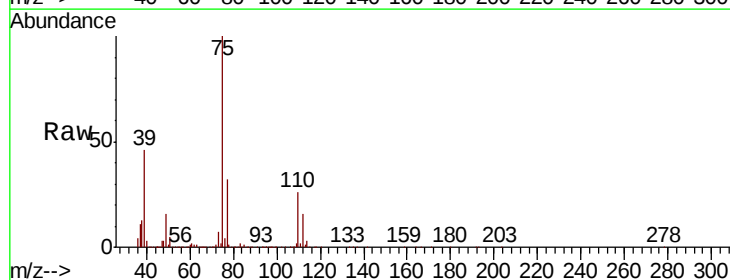
Tgt Ion: 75 Resp: 493035

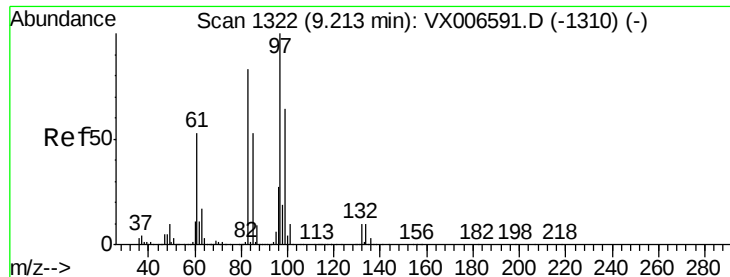
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

39 45.8 36.7 55.1





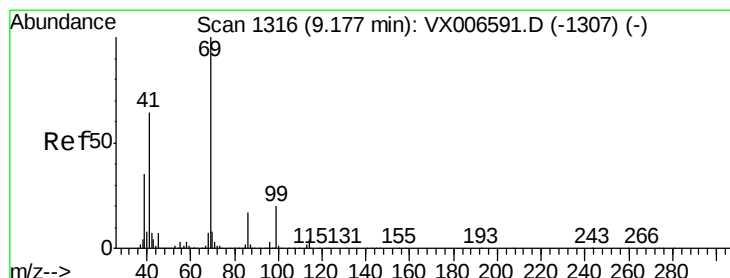
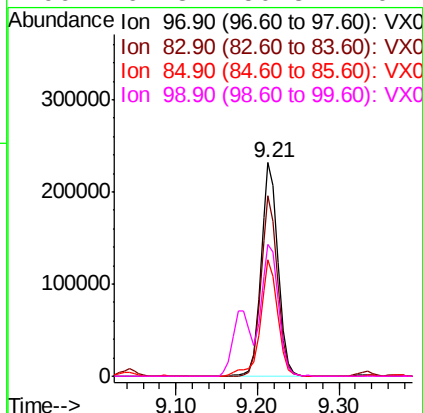
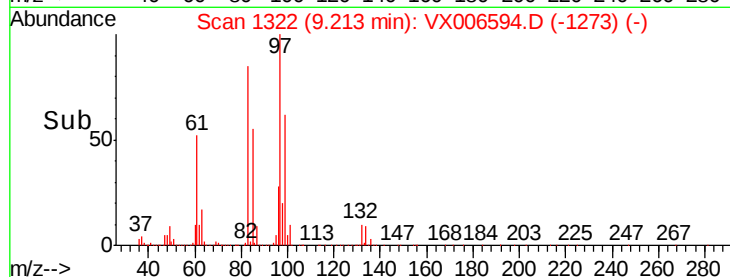
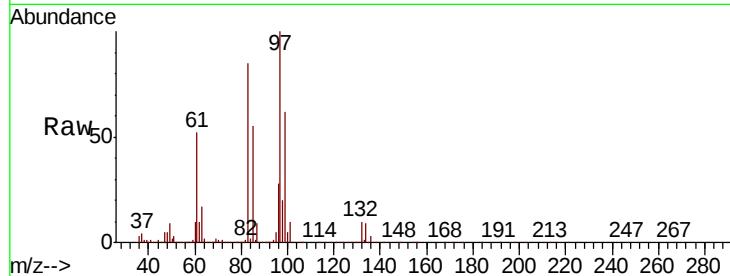
#55
 1,1,2-Trichloroethane
 Concen: 49.776 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121818

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		338331		
83	84.8	66.6	99.8		
85	54.7	42.7	64.1		
99	61.8	50.8	76.2		

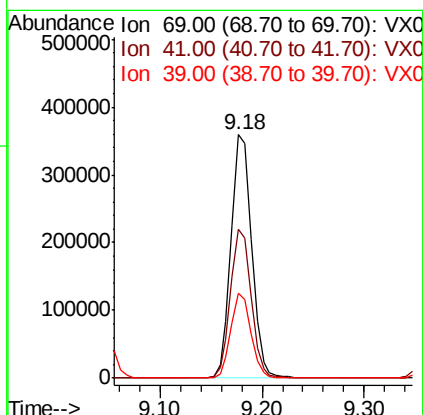
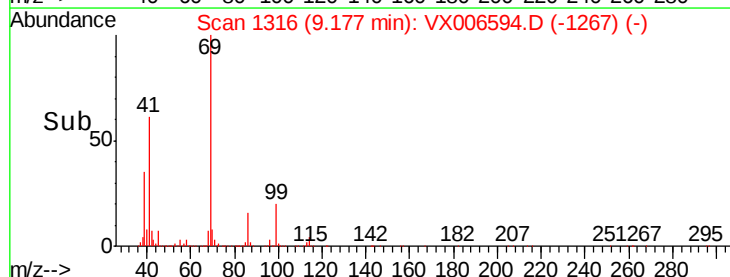
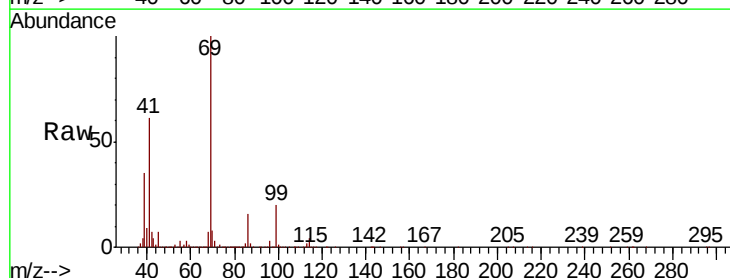
Manual Integrations
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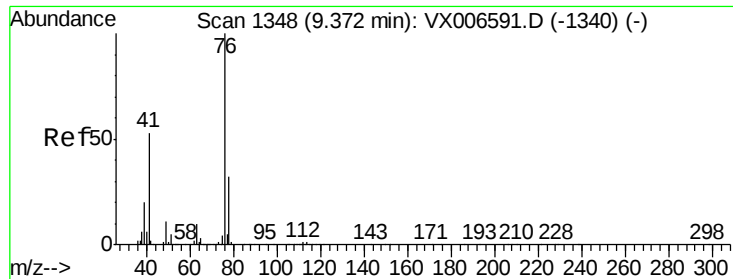
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 12/19/2018 11:22:13 AM



#56
 Ethyl methacrylate
 Concen: 52.170 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		501186		
41	61.1	48.7	73.1		
39	34.2	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 49.359 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 76 Resp: 539769

Ion Ratio Lower Upper

76 100

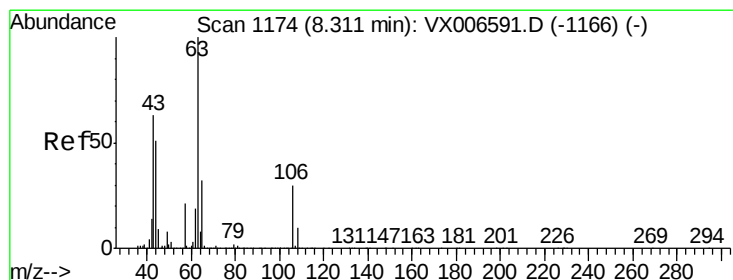
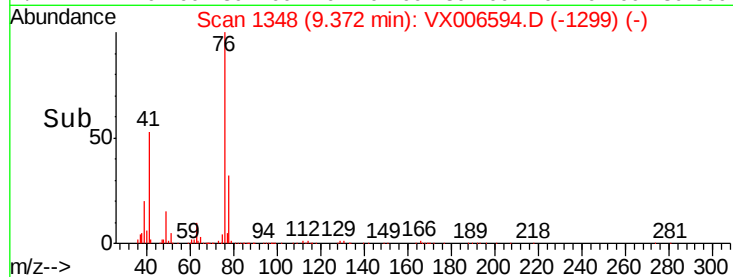
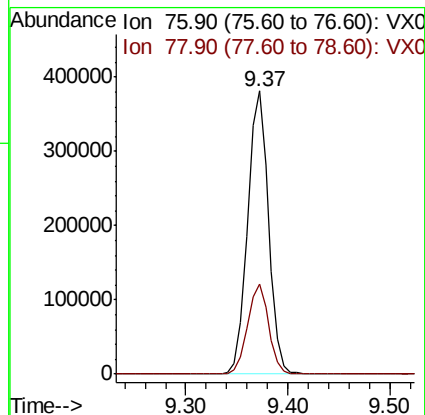
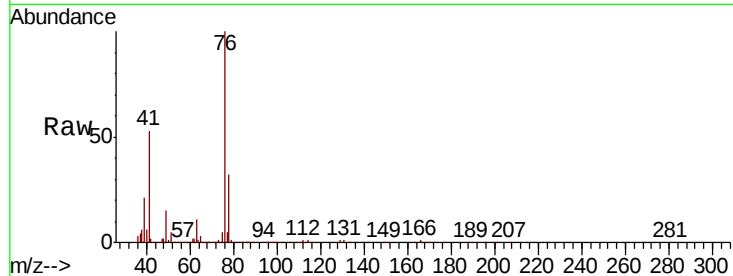
78 32.2 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 251.842 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006594.D

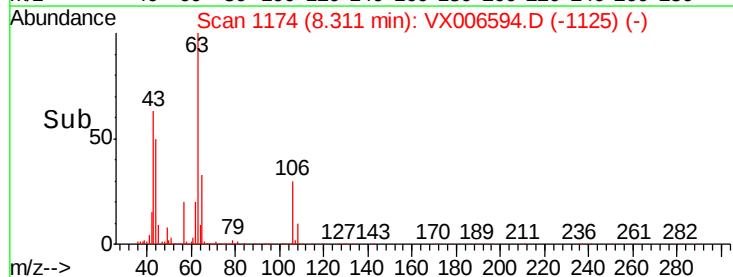
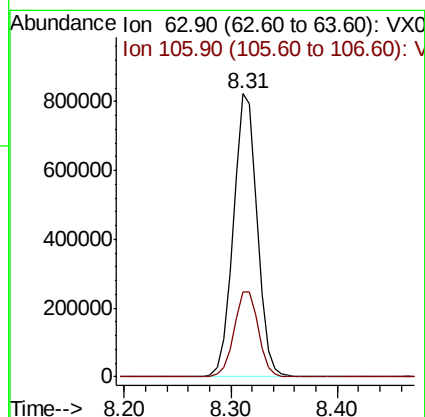
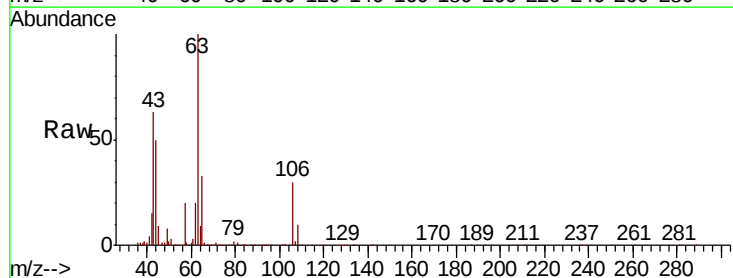
Acq: 18 Dec 2018 13:24

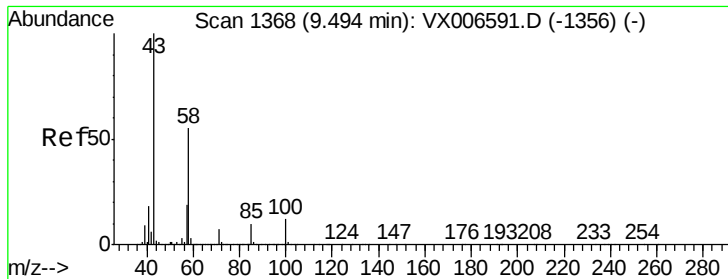
Tgt Ion: 63 Resp: 1286061

Ion Ratio Lower Upper

63 100

106 31.0 24.6 36.8





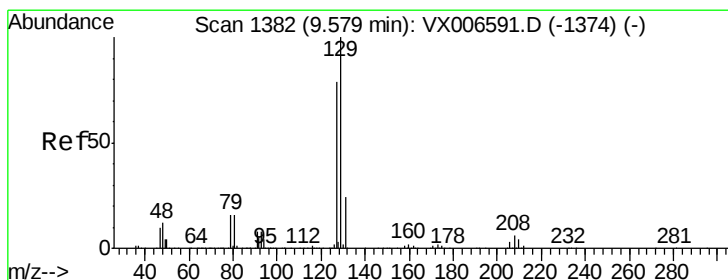
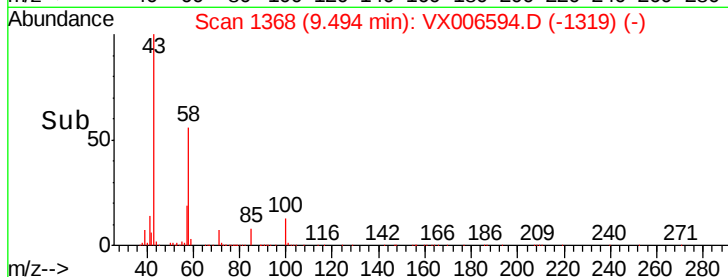
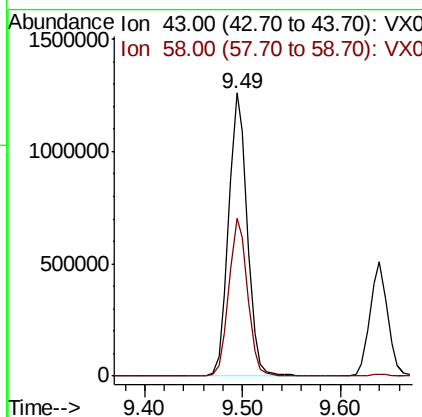
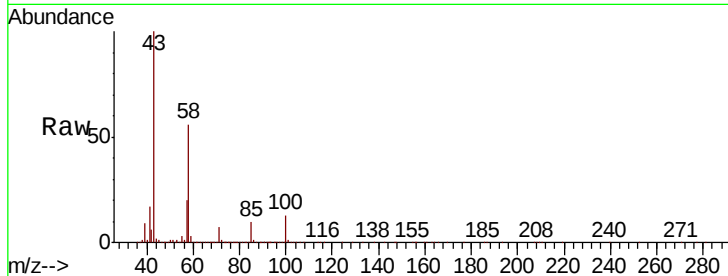
#59
2-Hexanone
Concen: 255.461 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion: 43 Resp: 1665421
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1

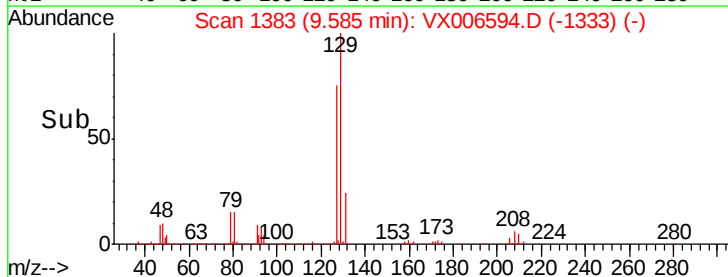
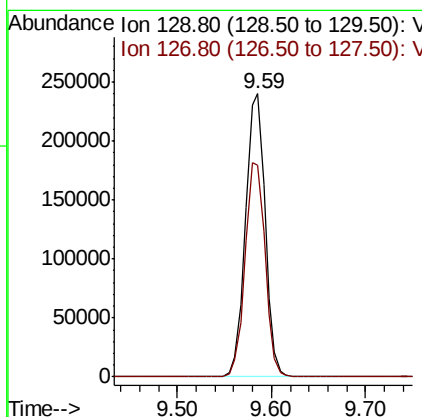
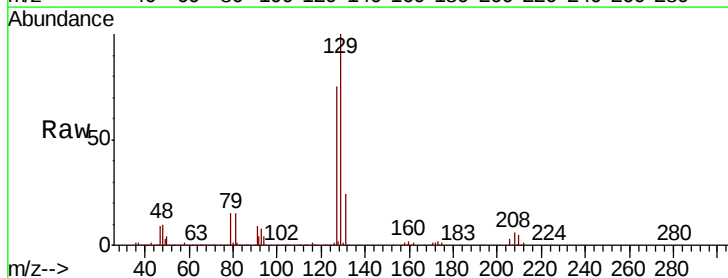
Manual Integrations
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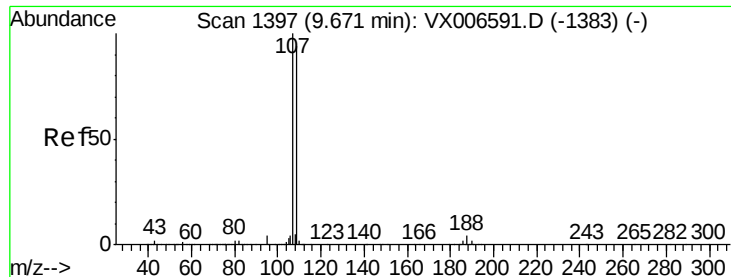
MMDadoda
12/19/2018 11:22:13 AM



#60
Dibromochloromethane
Concen: 55.873 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion:129 Resp: 349804
Ion Ratio Lower Upper
129 100
127 77.2 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.104 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 107 Resp: 369252

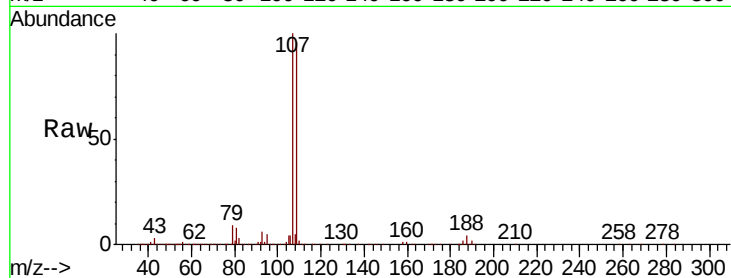
Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.6

Manual Integrations
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12/19/2018 11:22:13 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

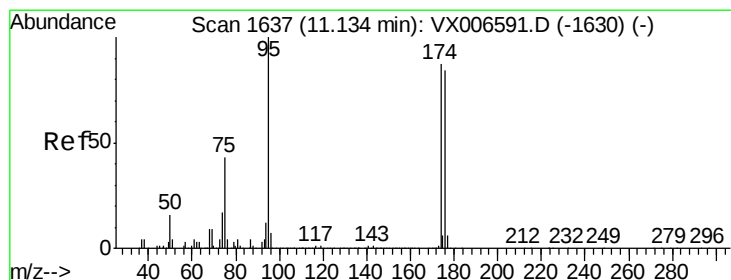
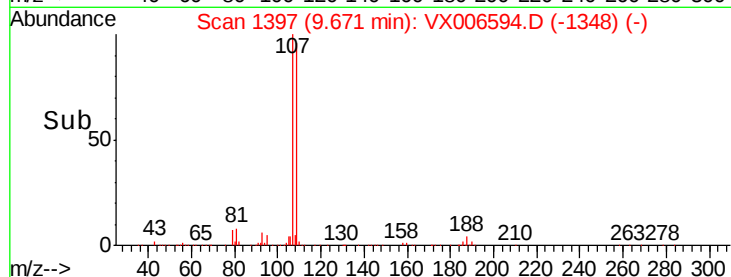
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.646 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

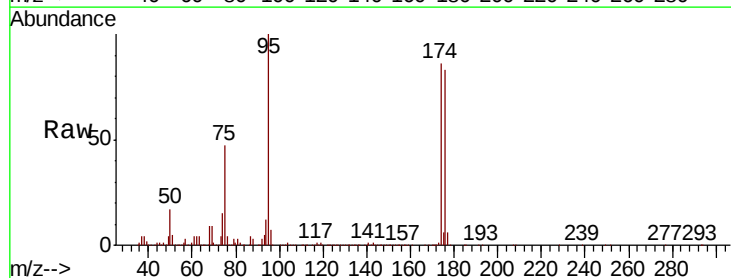
Tgt Ion: 95 Resp: 433669

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.2

176 90.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

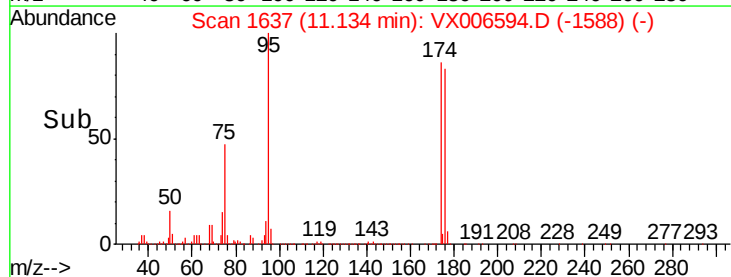
300000

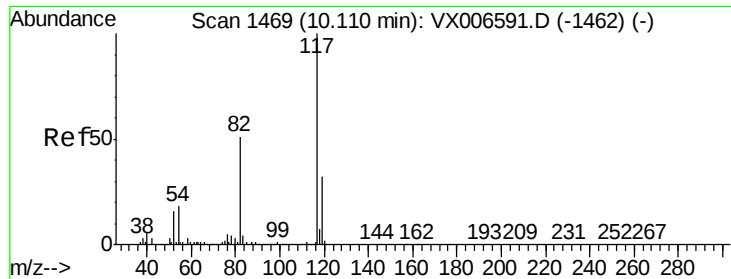
200000

100000

0

Time-->





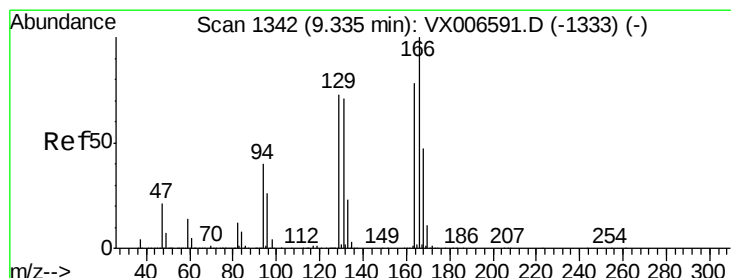
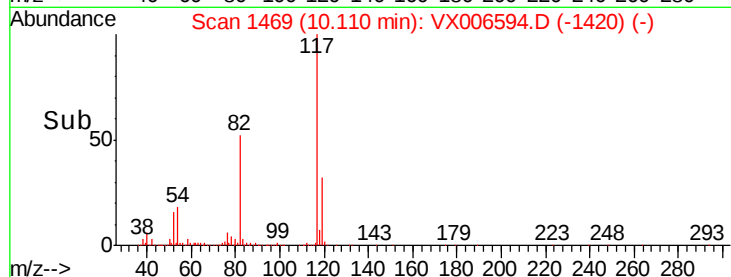
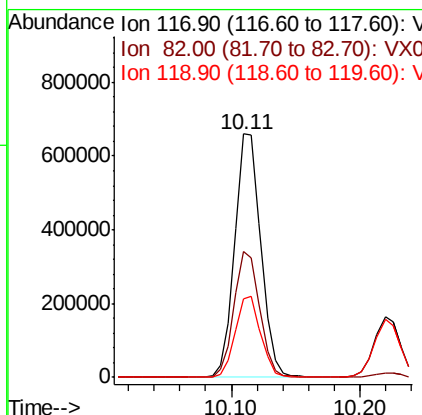
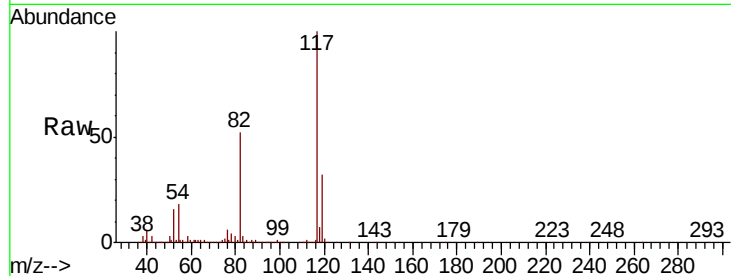
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.0	61.6
119	32.1	25.4	38.0

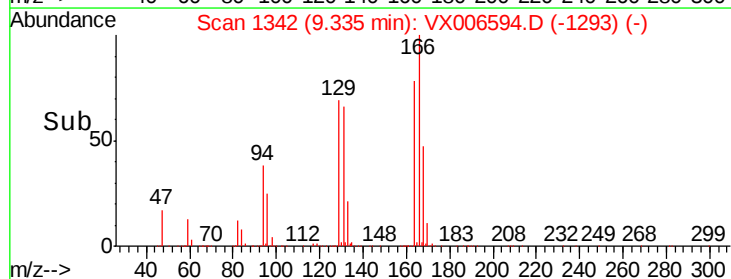
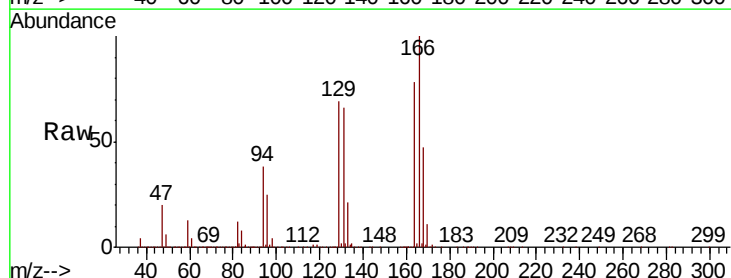
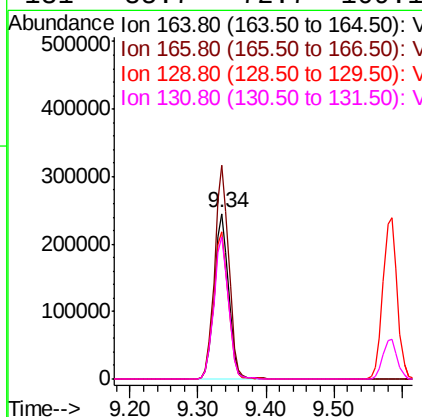
Manual Integrations
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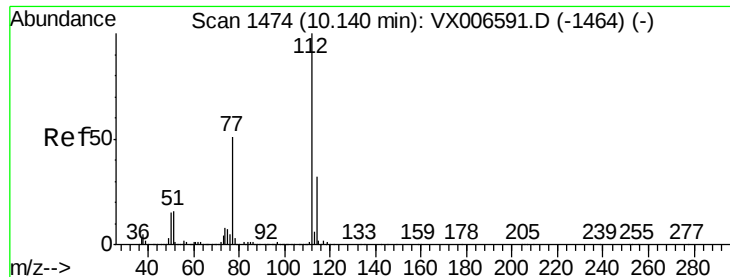
MMDadoda
12/19/2018 11:22:13 AM



#64
Tetrachloroethene
Concen: 47.965 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.5	153.7
129	88.8	75.1	112.7
131	85.7	72.7	109.1





#65

Chlorobenzene

Concen: 48.813 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion:112 Resp: 966720

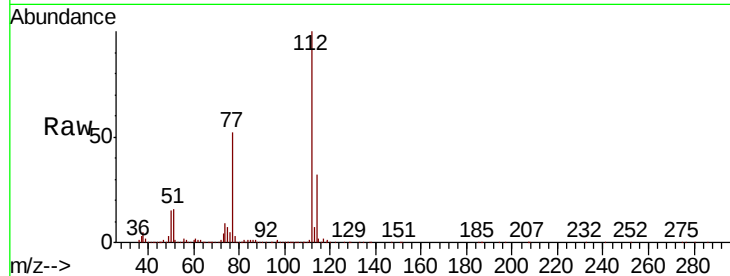
Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

800000

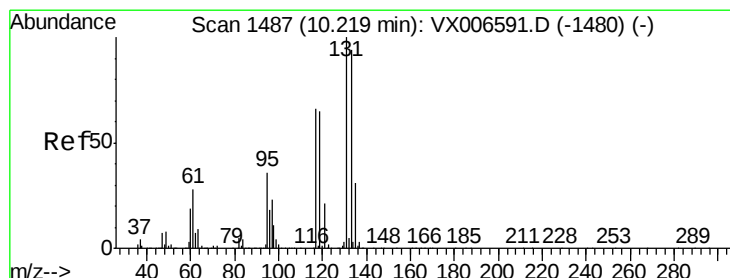
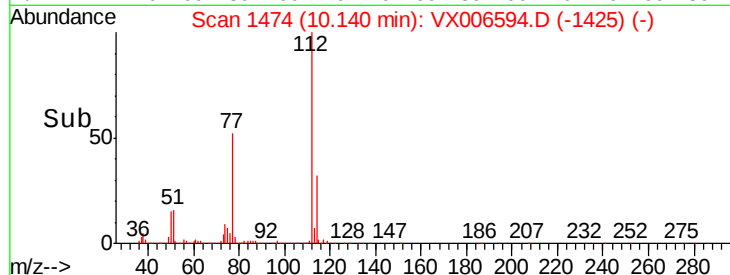
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 55.070 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

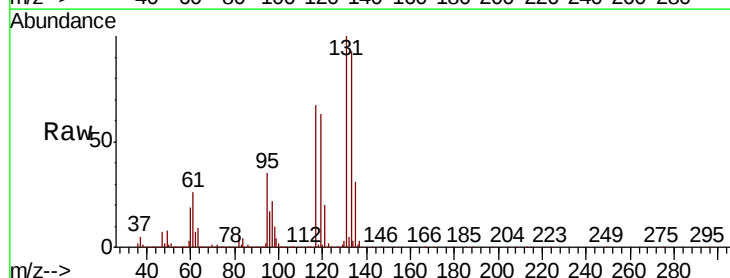
Tgt Ion:131 Resp: 340279

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

119 63.8 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

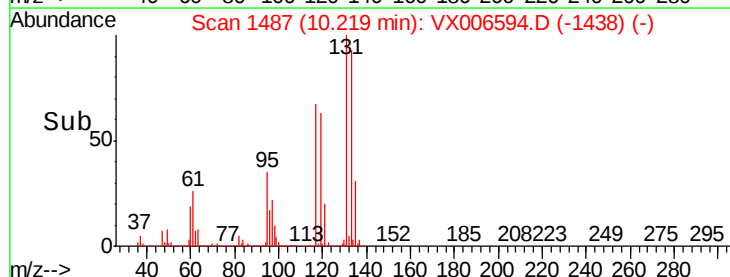
300000

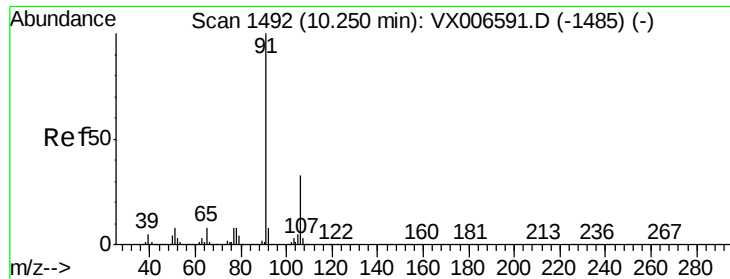
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 49.256 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 91 Resp: 1594022

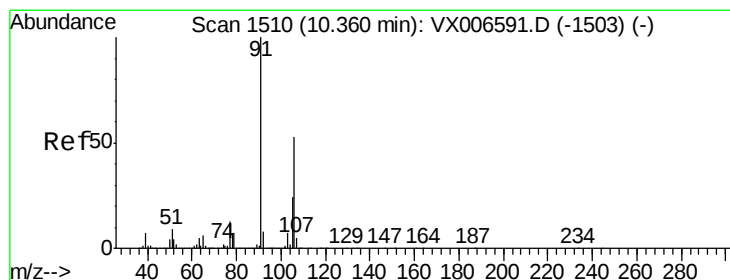
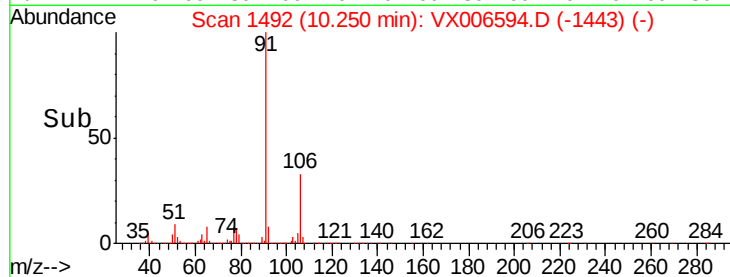
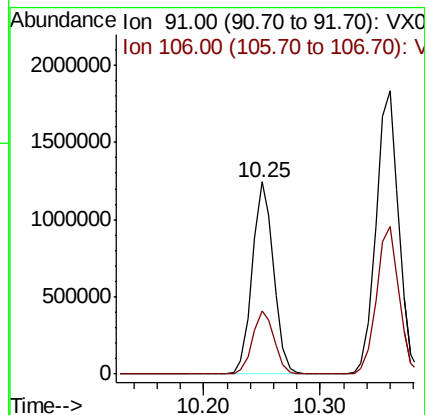
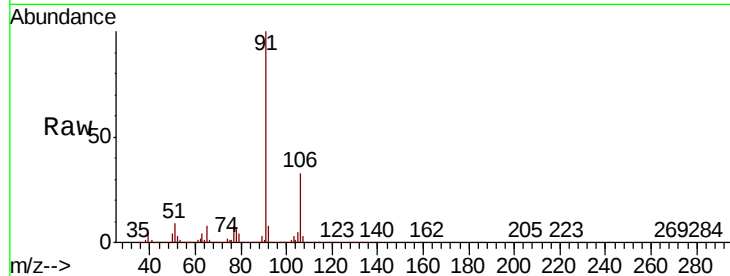
Ion Ratio Lower Upper

91 100

106 32.6 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 100.720 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006594.D

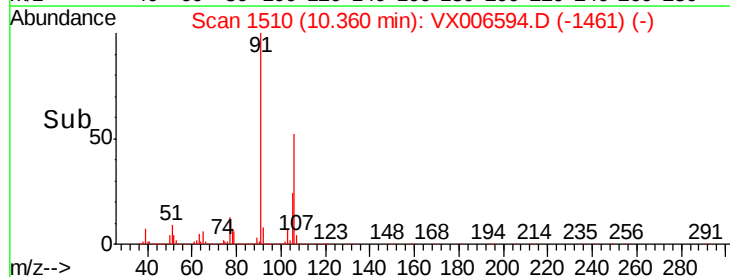
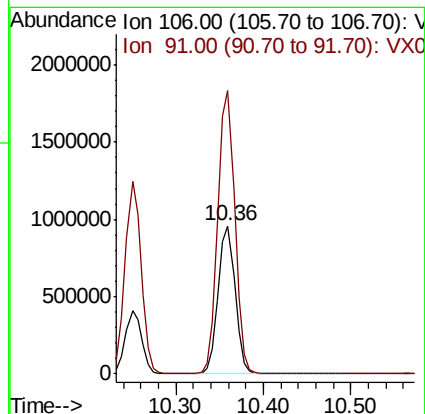
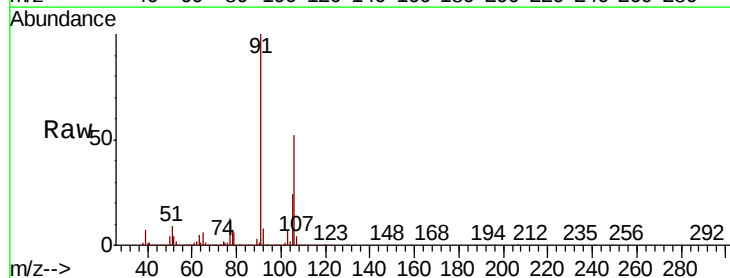
Acq: 18 Dec 2018 13:24

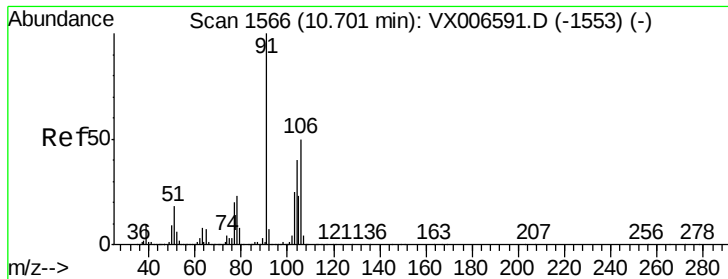
Tgt Ion: 106 Resp: 1286200

Ion Ratio Lower Upper

106 100

91 192.1 155.8 233.6





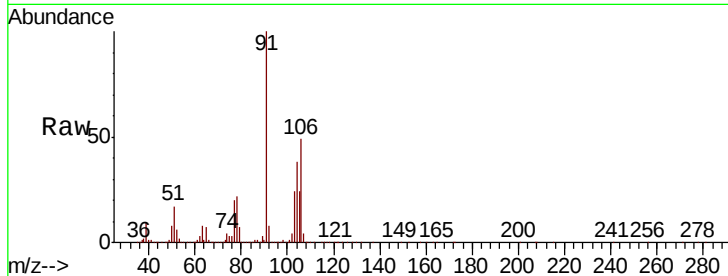
#69
o-Xylene
Concen: 49.619 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

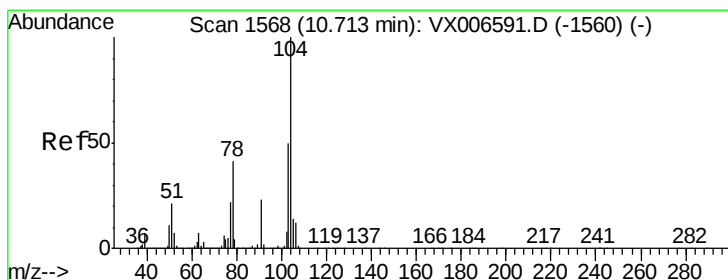
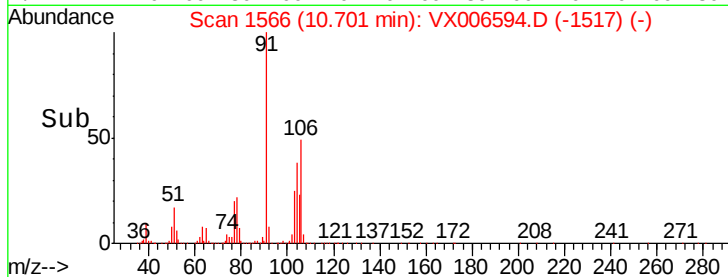
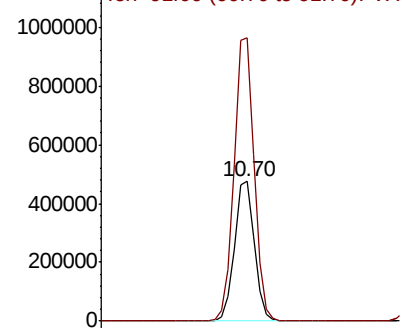
Tot Ion	Ratio	Lower	Upper
106	100		
91	204.2	101.3	303.7

Manual Integrations
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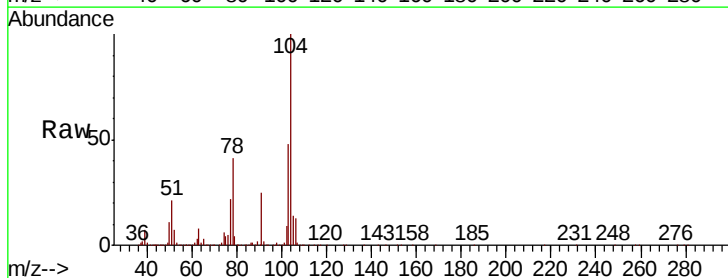


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

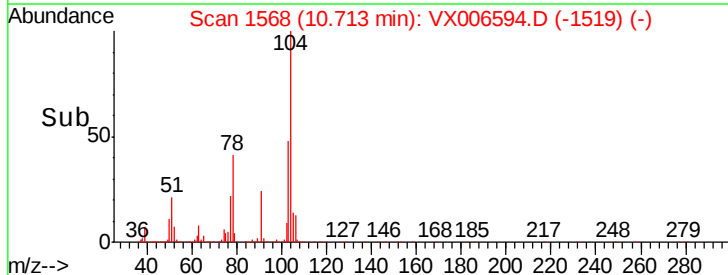
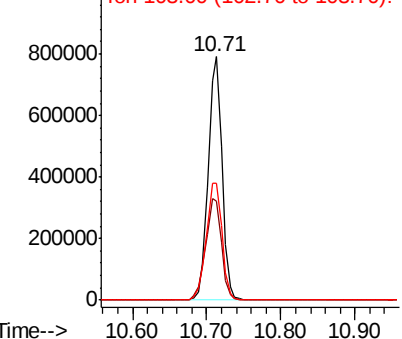


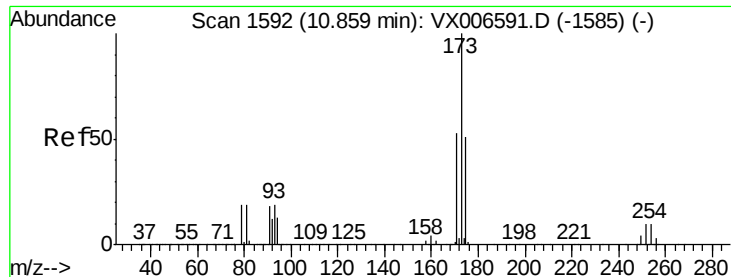
#70
Styrene
Concen: 50.814 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.7	56.5
103	55.1	43.8	65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.354 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

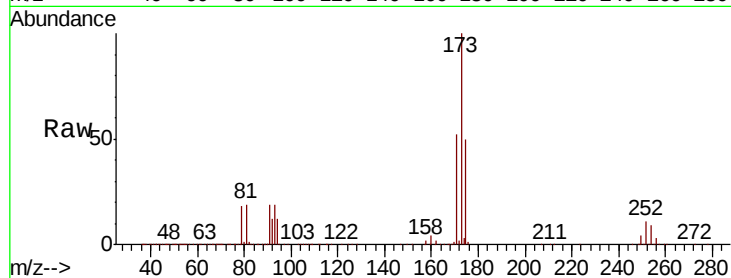
ClientSampleId :

ICVVX121818

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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12/19/2018 11:22:13 AM

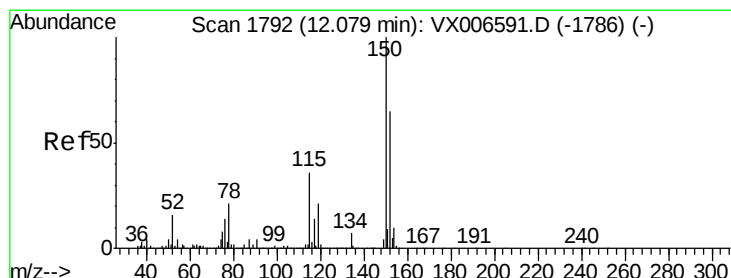
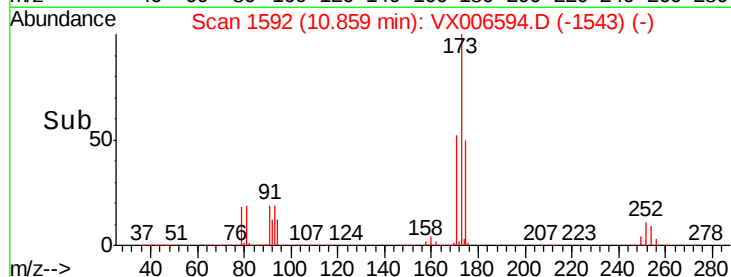
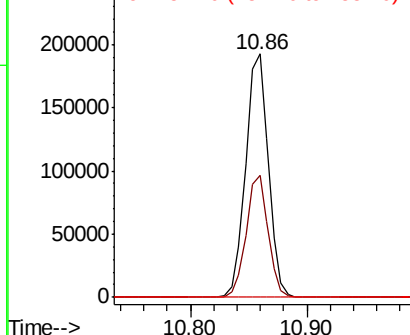


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

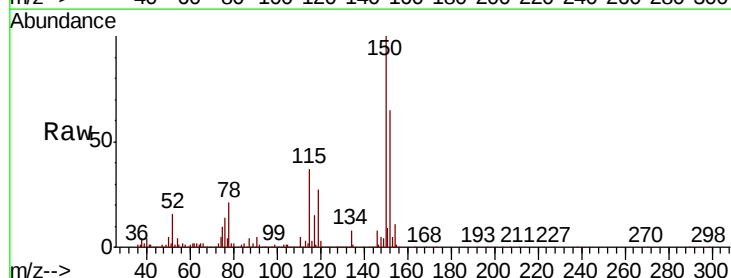
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.7	39.1	117.2
150	170.6	0.0	344.8

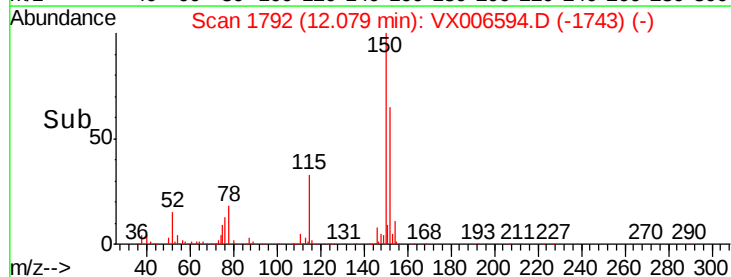
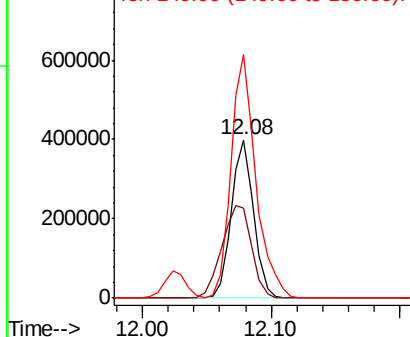


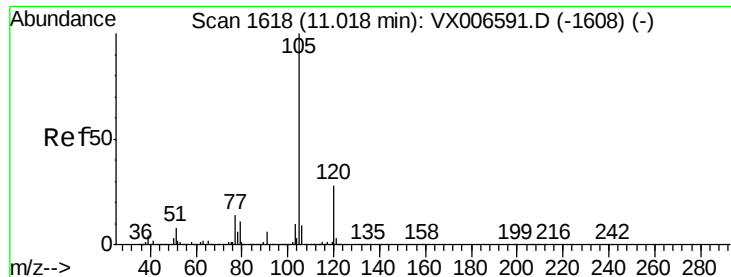
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.945 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 105 Resp: 1654076

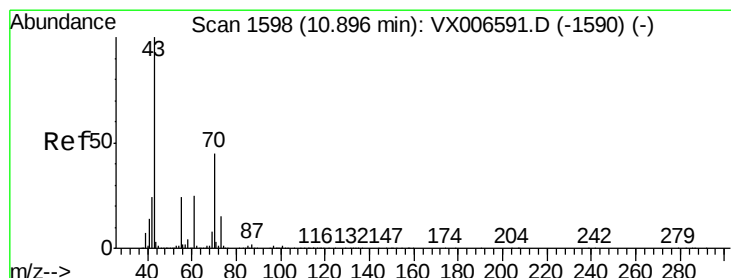
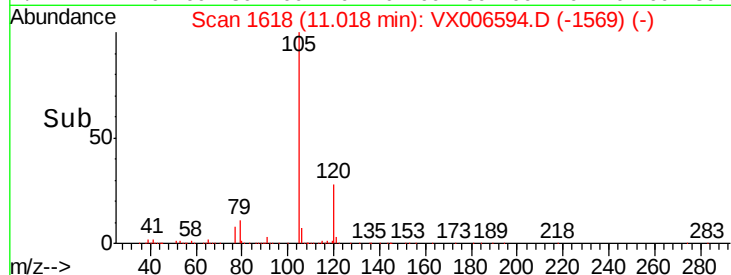
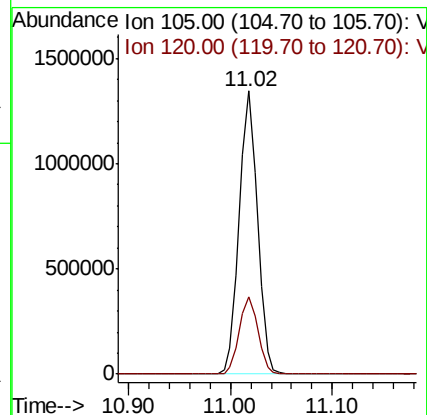
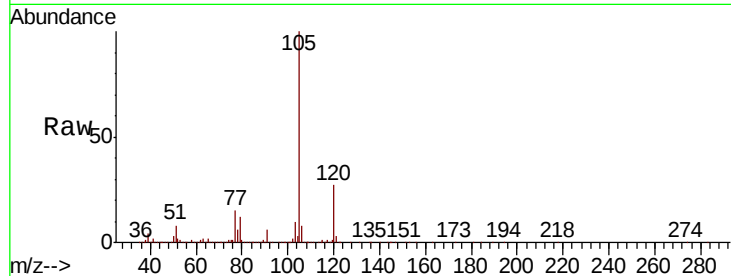
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 52.472 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion: 43 Resp: 622017

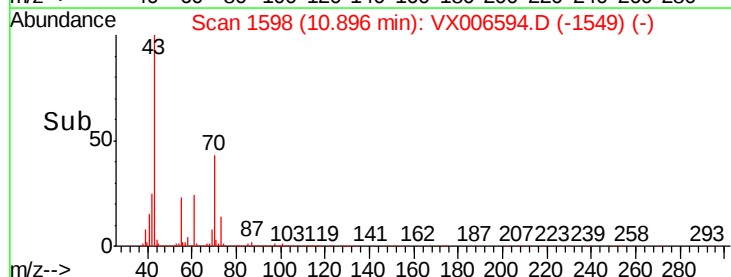
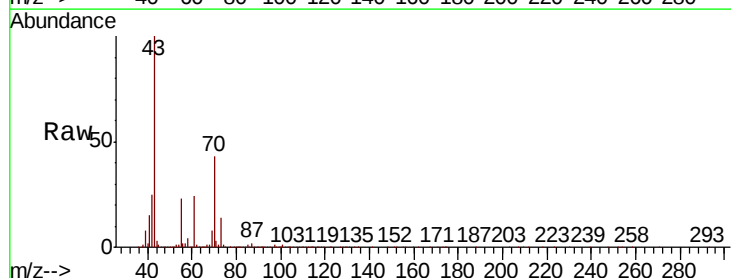
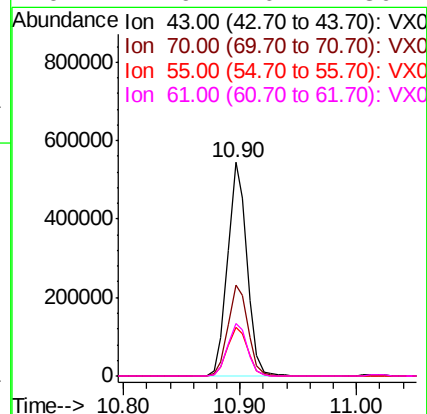
Ion Ratio Lower Upper

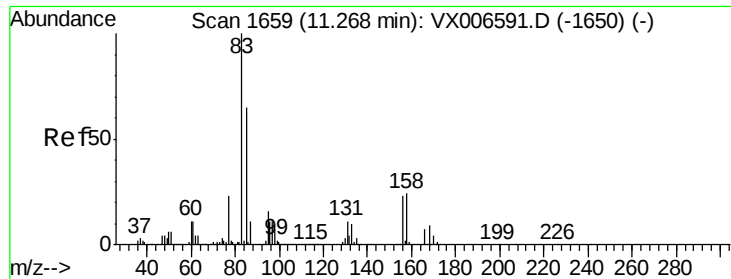
43 100

70 44.1 35.8 53.8

55 23.9 19.4 29.0

61 24.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.999 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

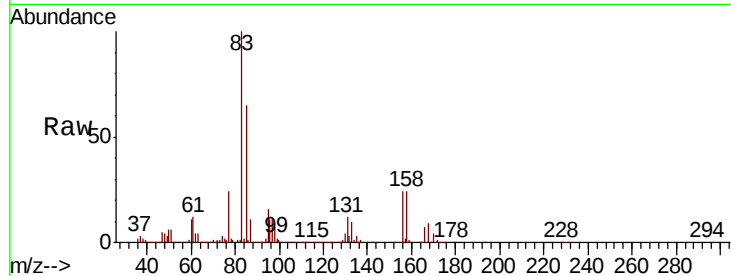
ClientSampleId :

ICVVX121818

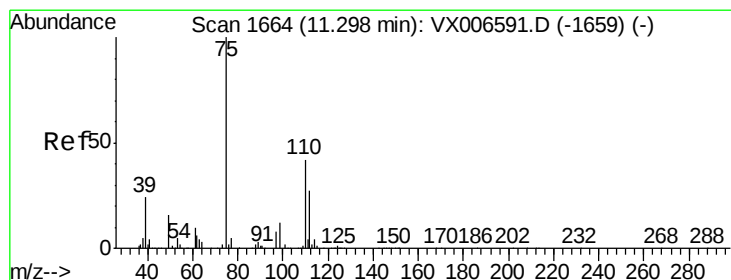
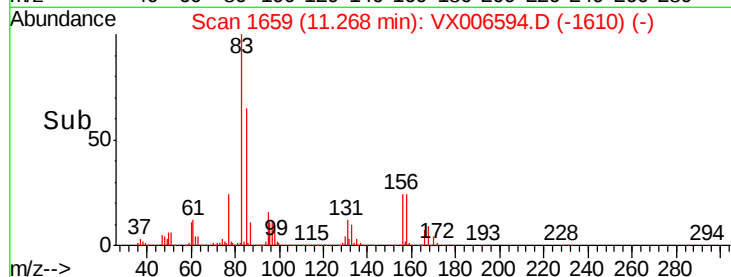
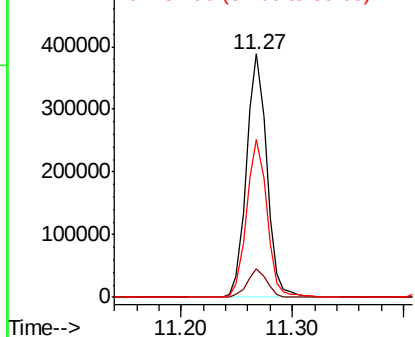
Tot Ion:	83	Resp:	492447
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	65.2	32.2	96.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.803 ug/l m

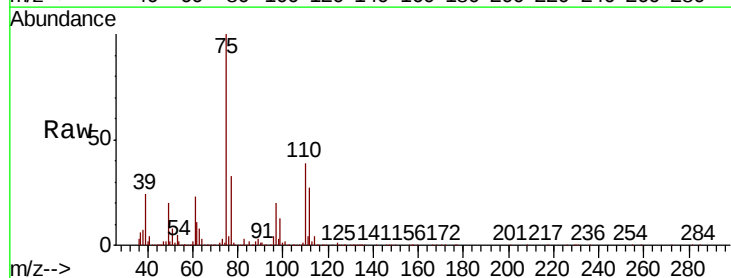
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

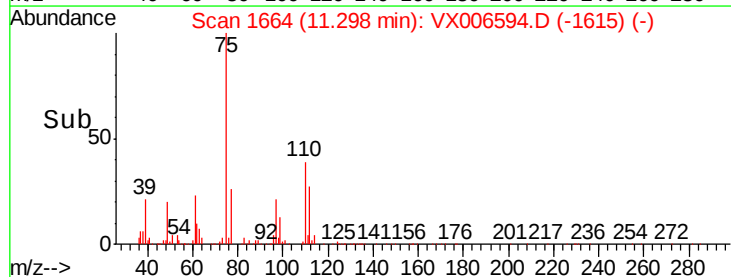
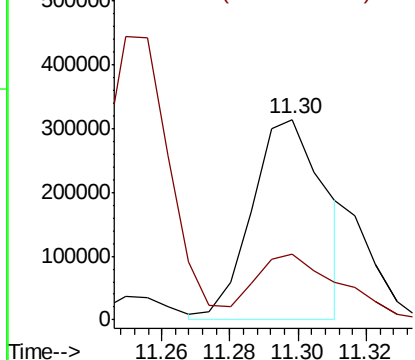
Lab File: VX006594.D

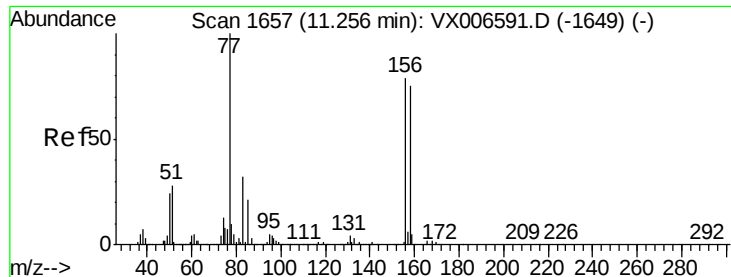
Acq: 18 Dec 2018 13:24

Tgt Ion:	75	Resp:	466041
Ion Ratio	Lower	Upper	
75	100		
77	37.8	18.5	55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.008 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

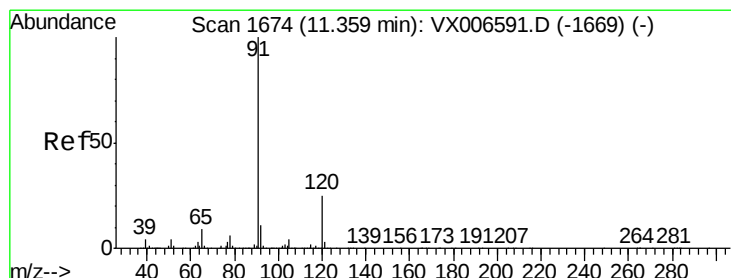
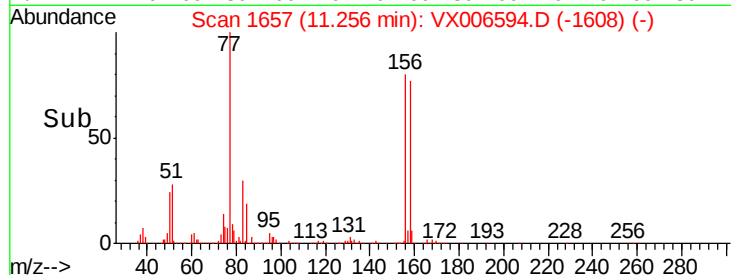
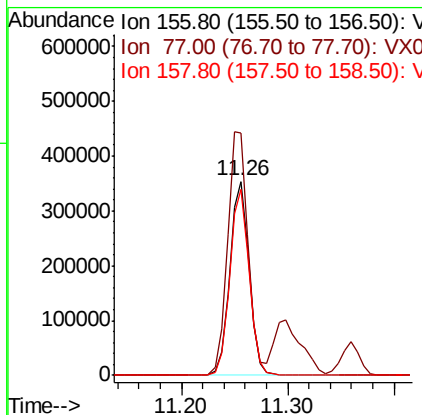
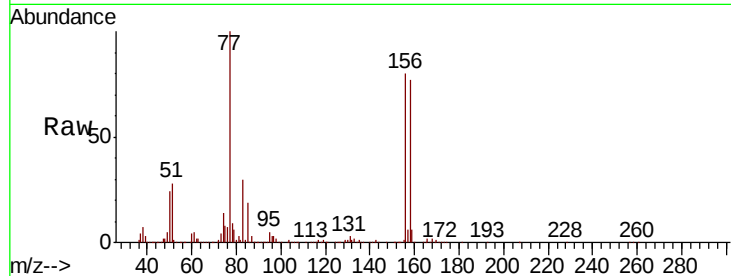
ClientSampleId :

ICVVX121818

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	134.0	68.0	204.0	
158	97.0	48.3	144.8	

Manual Integrations
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#78

n-propylbenzene

Concen: 50.461 ug/l

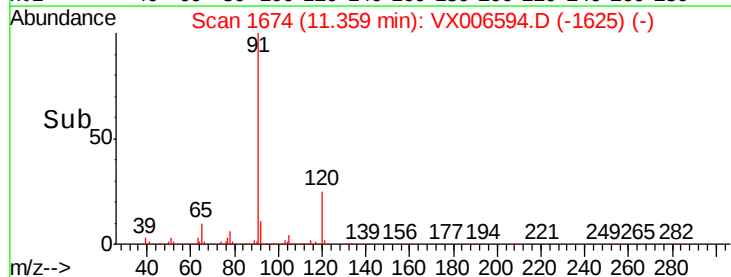
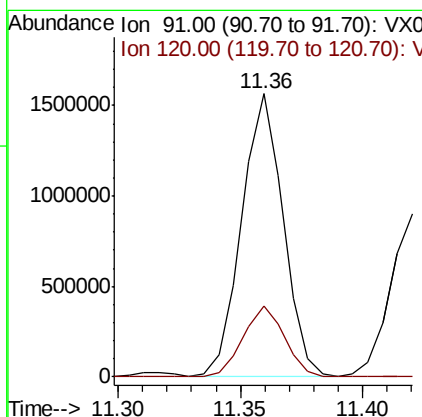
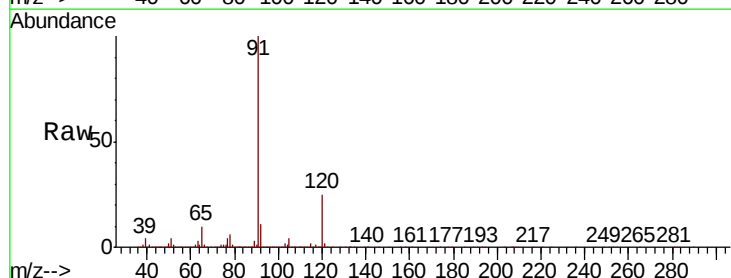
RT: 11.36 min Scan# 1674

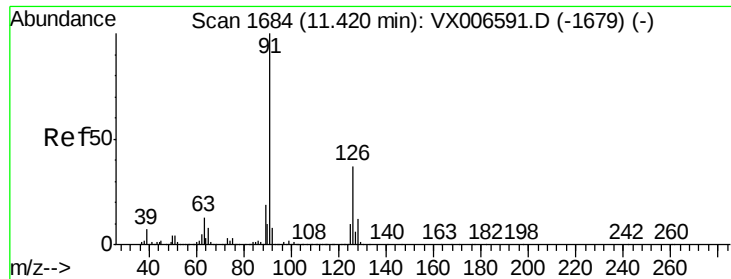
Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.2	12.7	38.0	





#79

2-Chlorotoluene

Concen: 48.535 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121818

Tot Ion: 91 Resp: 1072662

Ion Ratio Lower Upper

91 100

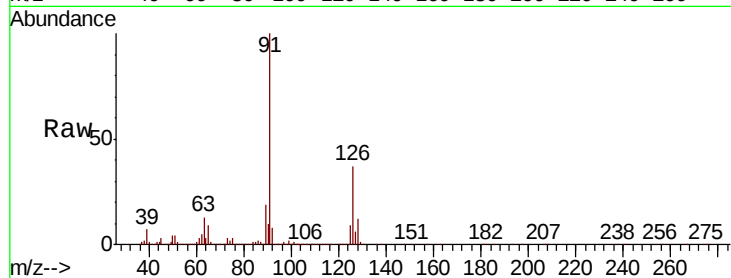
126 37.8 18.6 56.0

Manual Integrations

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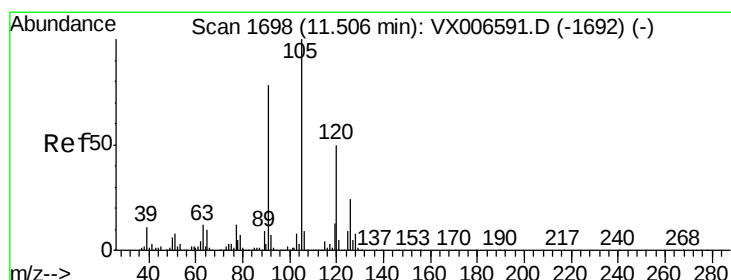
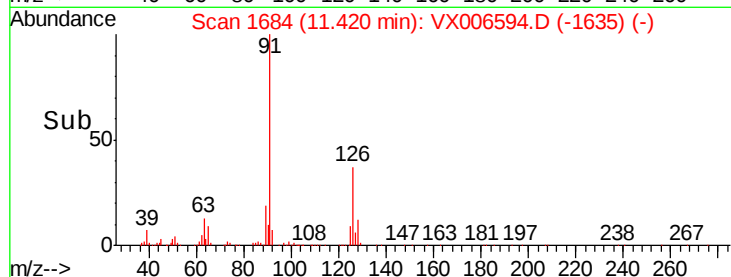
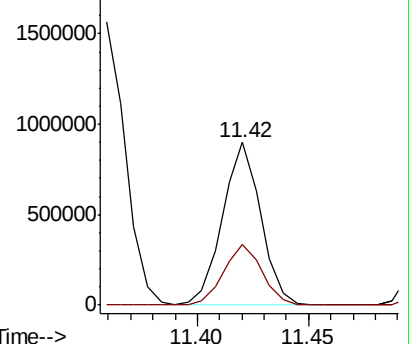
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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.079 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006594.D

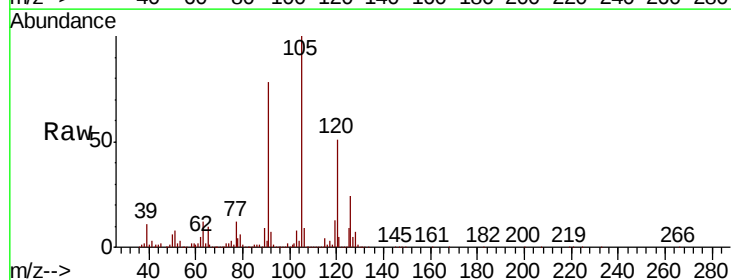
Acq: 18 Dec 2018 13:24

Tgt Ion:105 Resp: 1366049

Ion Ratio Lower Upper

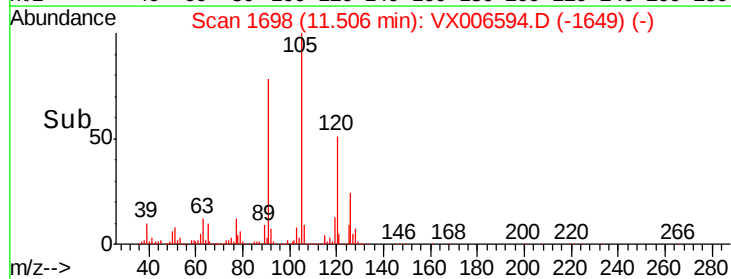
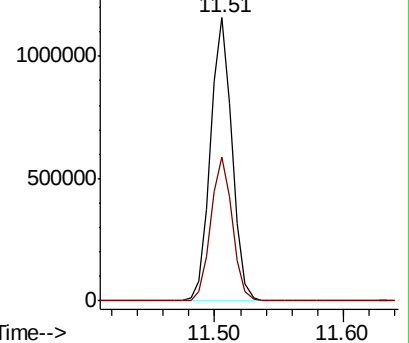
105 100

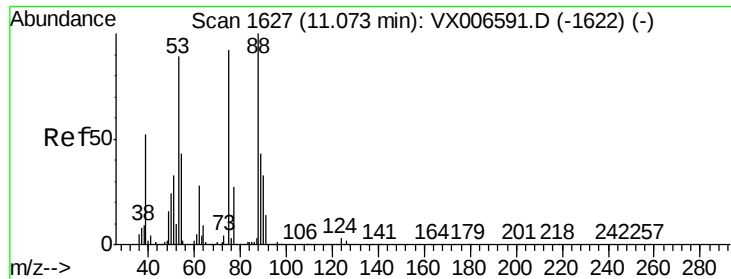
120 50.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.340 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

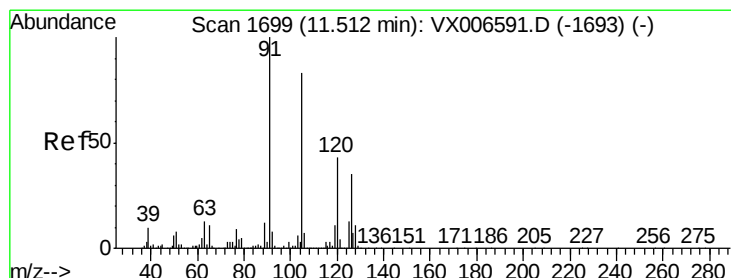
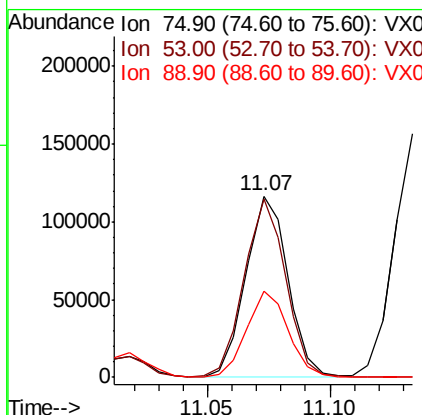
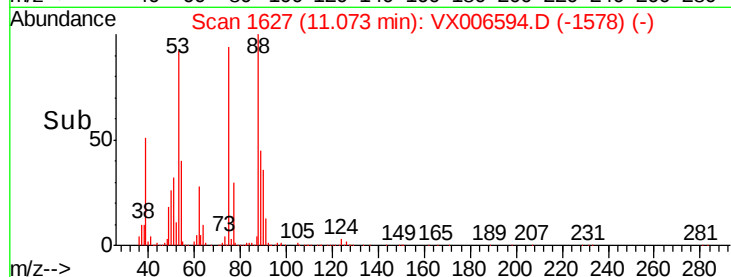
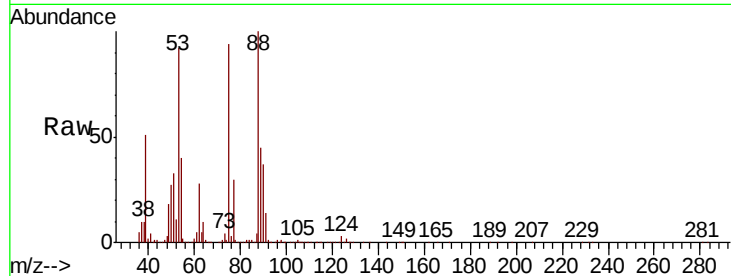
ClientSampleId :

ICVVX121818

Tot Ion:	75	Resp:	139219
Ion	Ratio	Lower	Upper
75	100		
53	97.4	79.7	119.5
89	47.7	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.452 ug/l

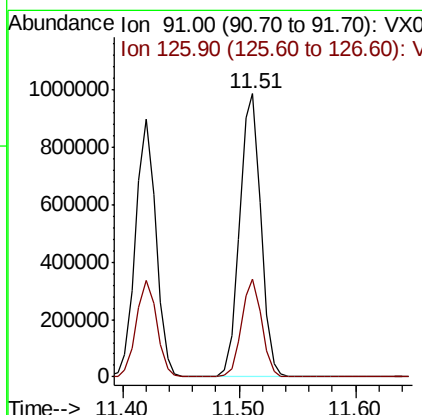
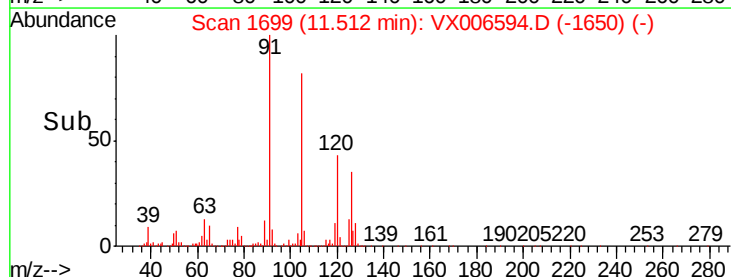
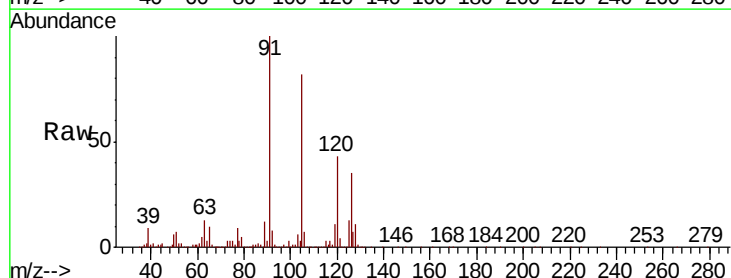
RT: 11.51 min Scan# 1699

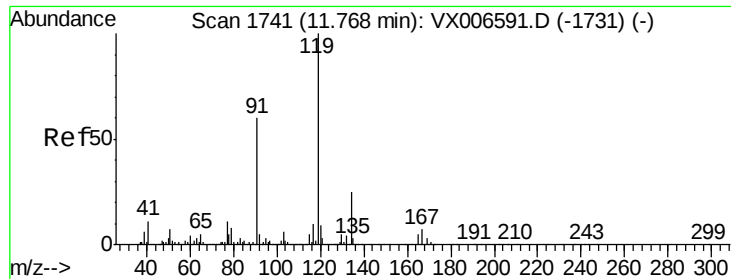
Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Tgt Ion:	91	Resp:	1253647
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.9





#83

tert-Butylbenzene

Concen: 51.398 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVX121818

Tot Ion:119 Resp: 1403196

Ion Ratio Lower Upper

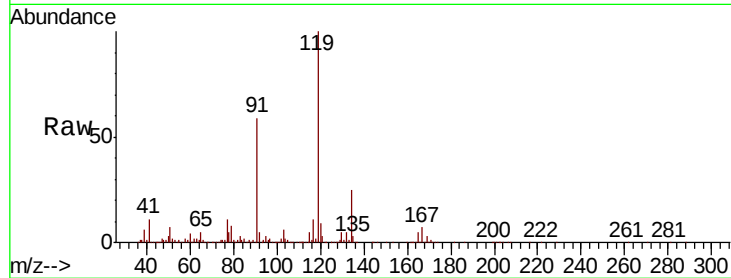
119 100

91 54.3 27.7 83.1

134 23.7 11.9 35.5

Manual Integrations
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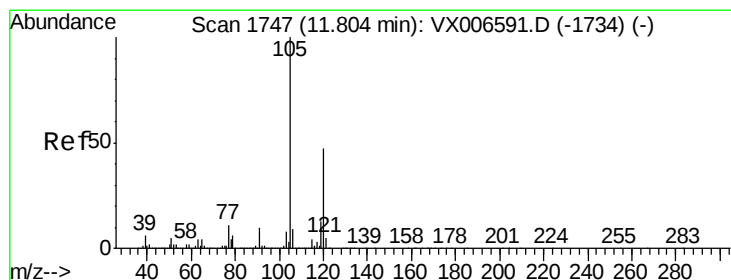
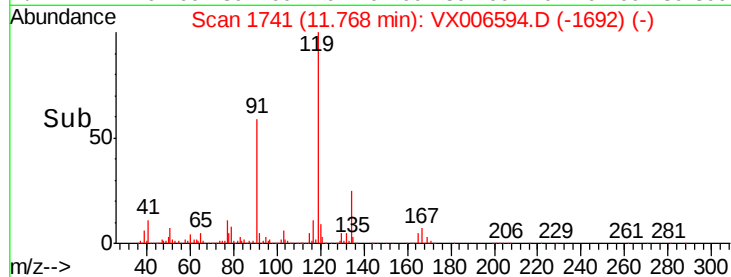
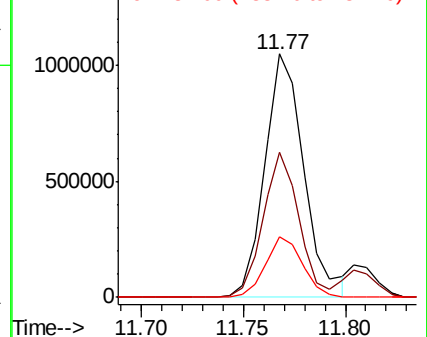
MMDadoda
12/19/2018 11:22:13 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.694 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006594.D

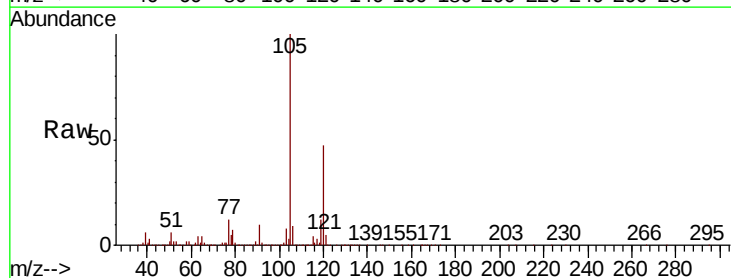
Acq: 18 Dec 2018 13:24

Tgt Ion:105 Resp: 1397118

Ion Ratio Lower Upper

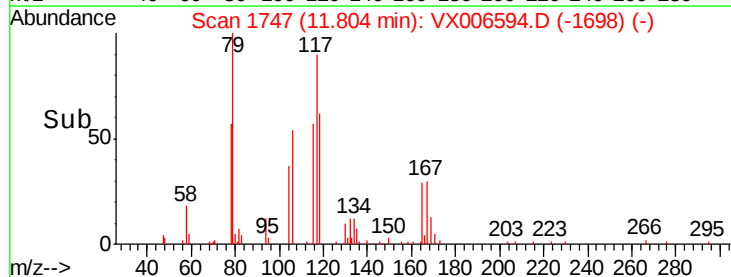
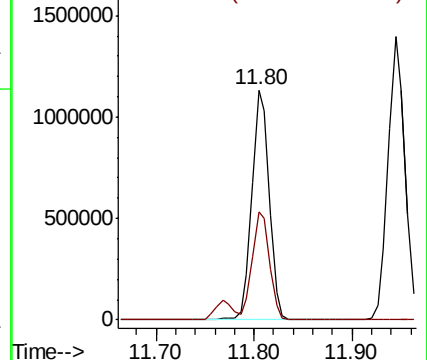
105 100

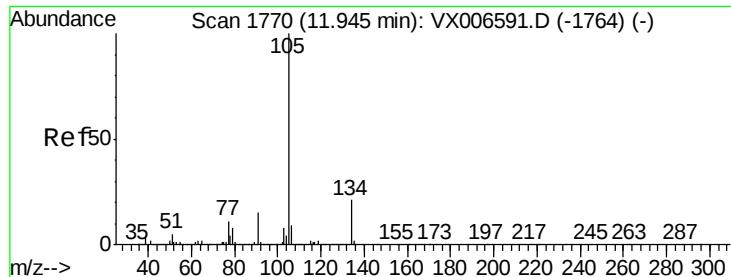
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.045 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

ICVX121818

Tot Ion:105 Resp: 1675121

Ion Ratio Lower Upper

105 100

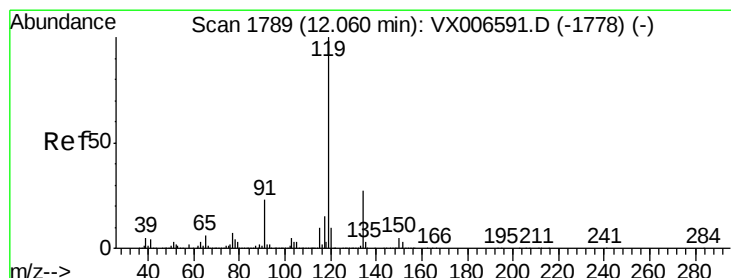
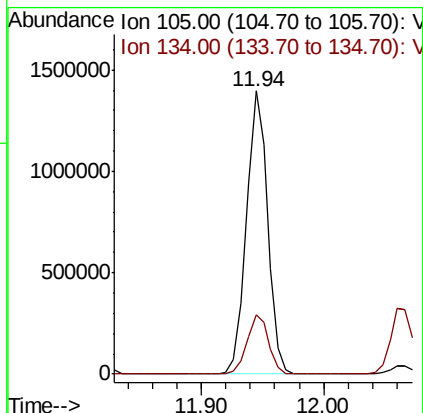
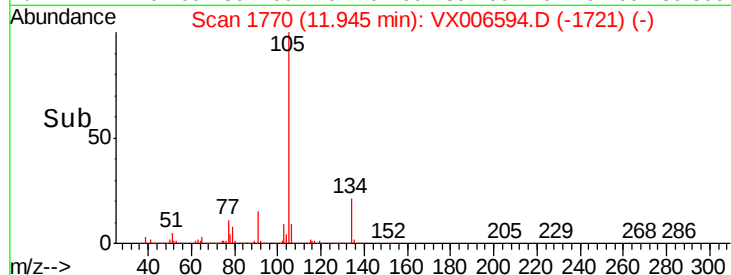
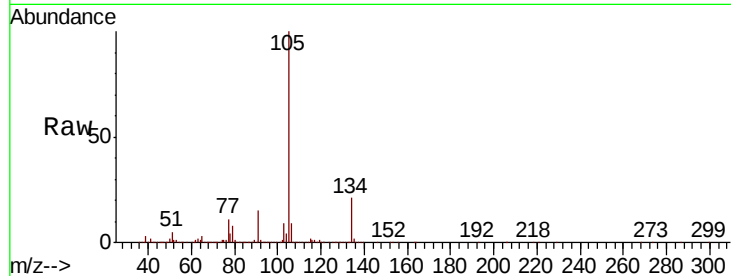
134 21.4 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.216 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006594.D

Acq: 18 Dec 2018 13:24

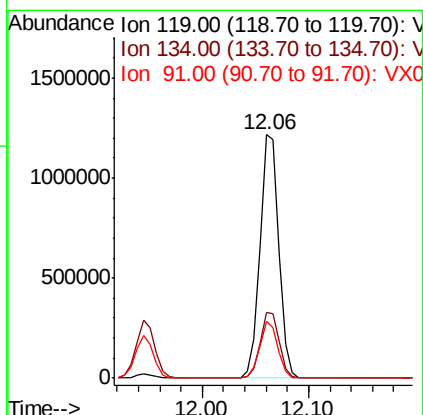
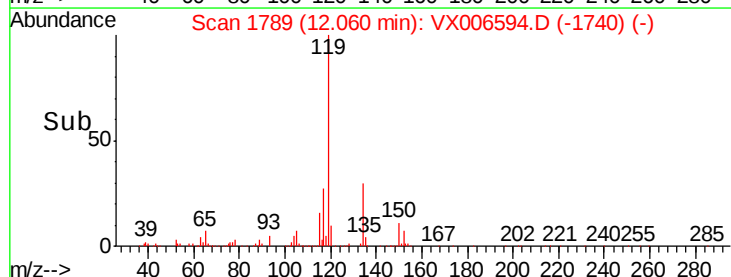
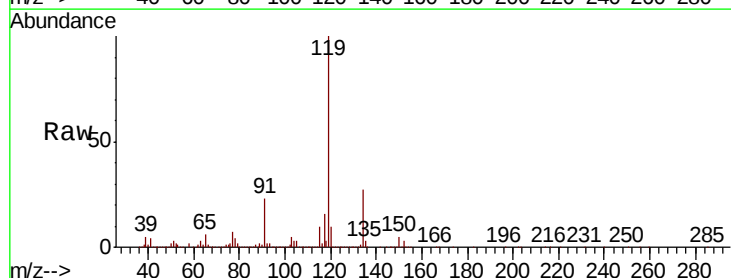
Tgt Ion:119 Resp: 1506956

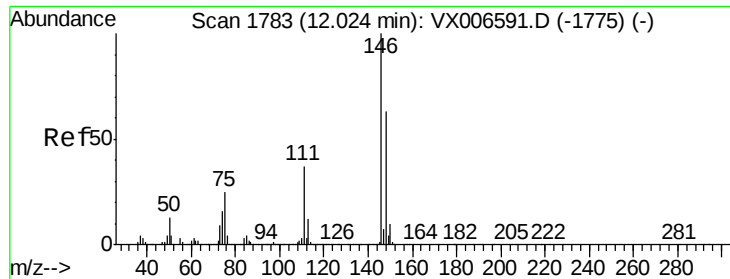
Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

91 22.5 11.3 33.9





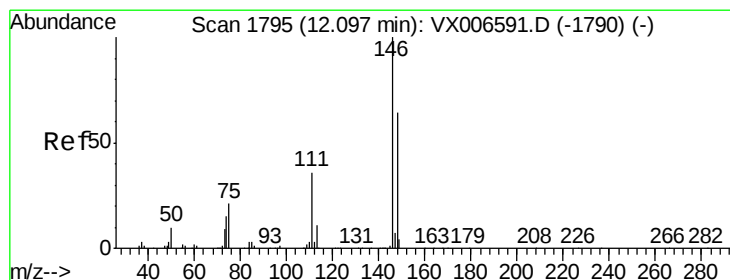
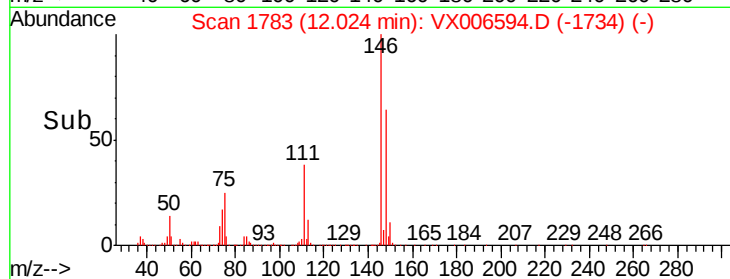
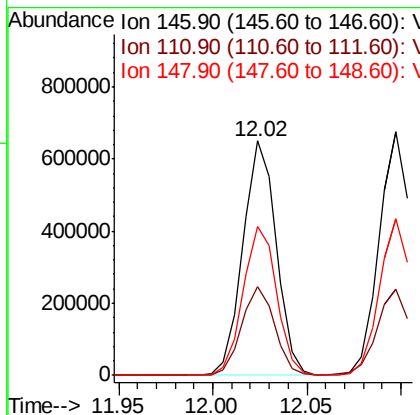
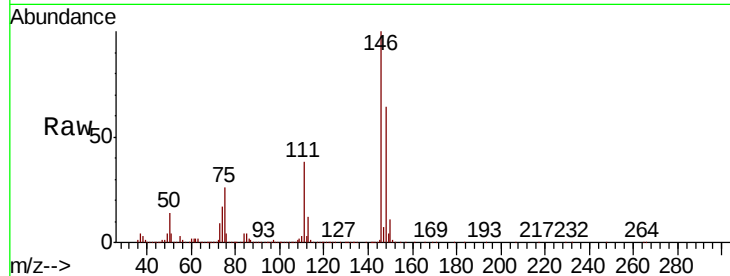
#87
 1,3-Dichlorobenzene
 Concen: 49.514 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121818

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.0	31.8	95.3

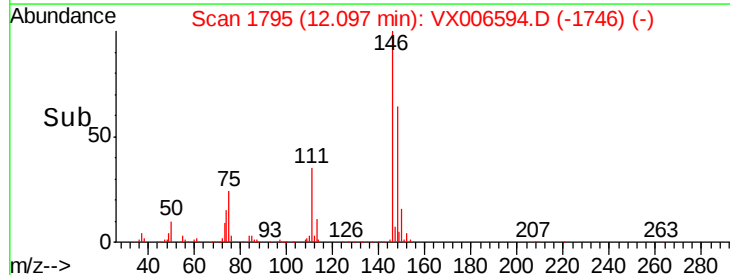
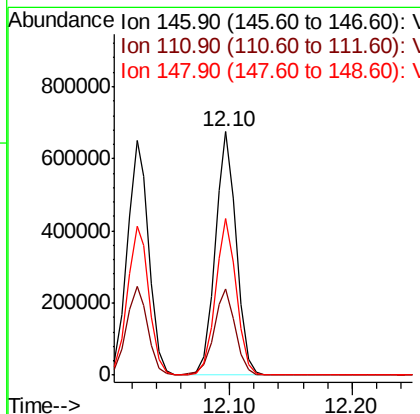
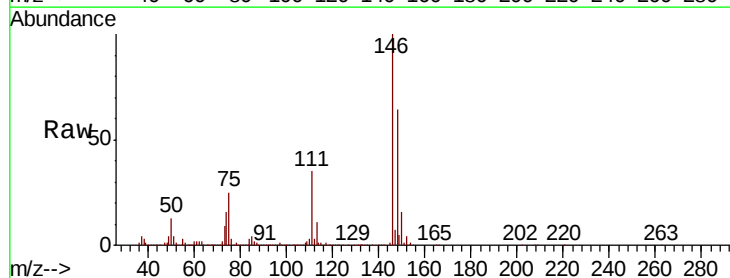
Manual Integrations
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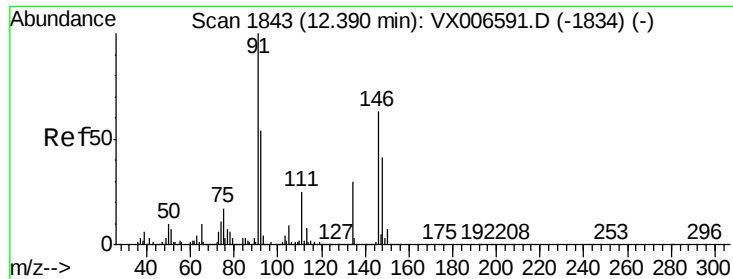
MMDadoda
 12/19/2018 11:22:13 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.813 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	63.6	31.9	95.9





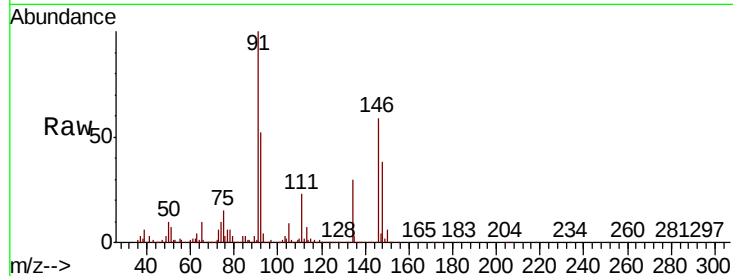
#89
n-Butylbenzene
Concen: 51.194 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVX121818

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.4
134	29.2	14.4	43.2

Manual Integrations
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MMDadoda
12/19/2018 11:22:13 AM

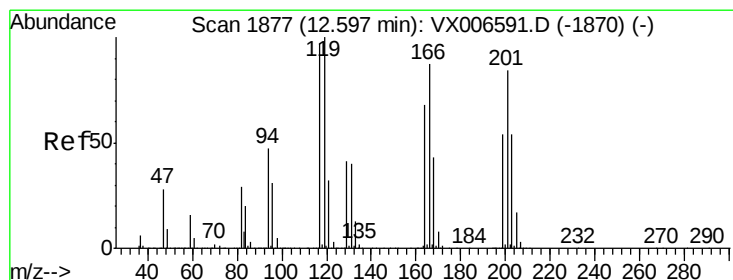
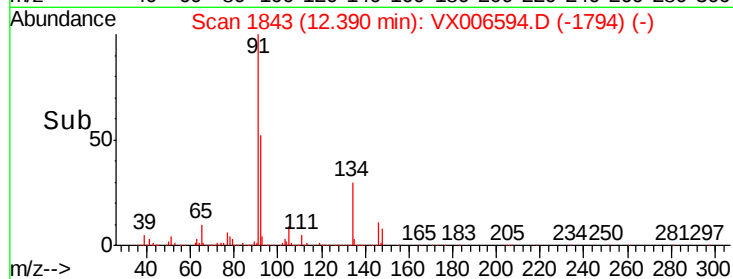
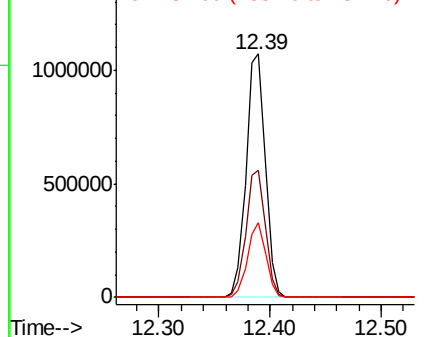


Abundance

Ion 91.00 (90.70 to 91.70): VX006594.D (-1834) (-)

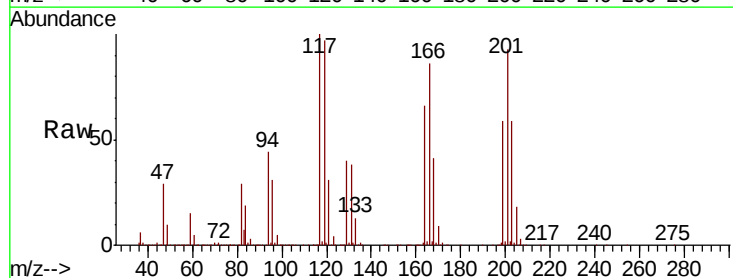
Ion 92.00 (91.70 to 92.70): VX006594.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX006594.D (-1834) (-)



#90
Hexachloroethane
Concen: 48.497 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

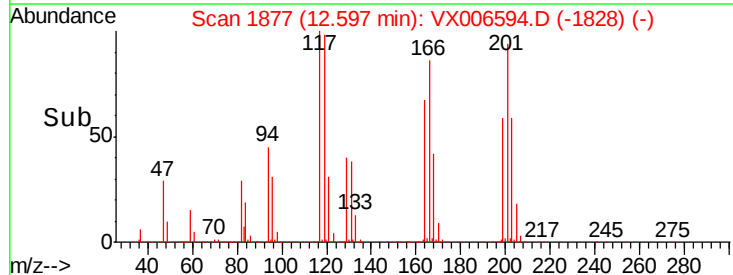
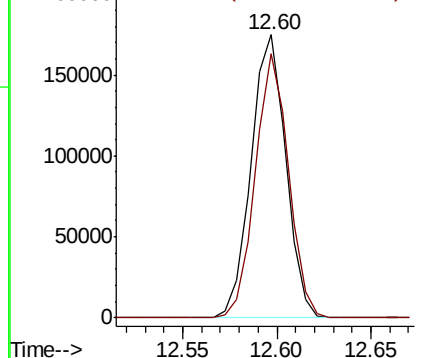
Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	42.9	128.7

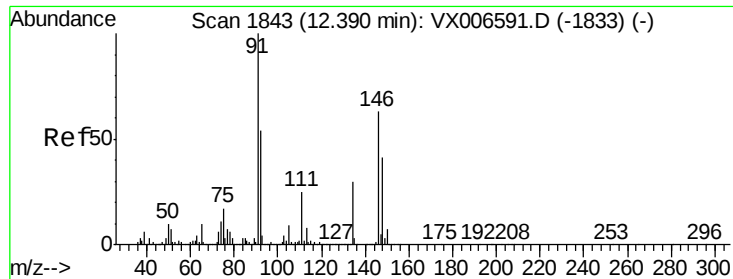


Abundance

Ion 116.80 (116.50 to 117.50): VX006594.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX006594.D (-1870) (-)





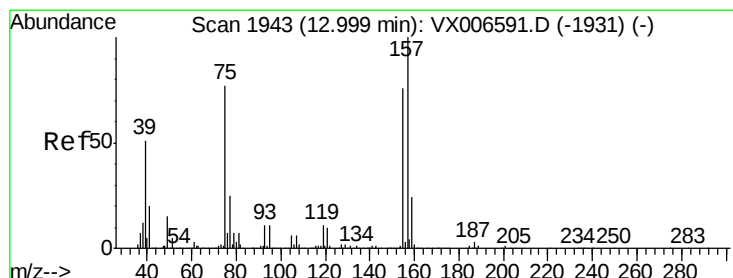
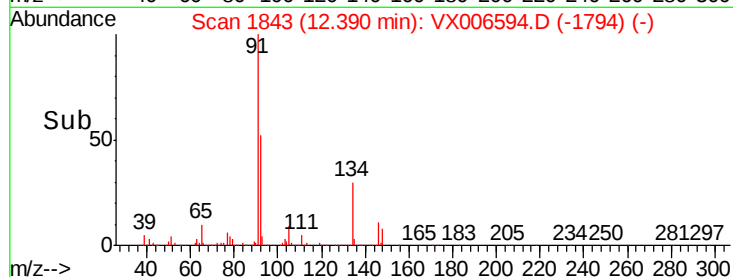
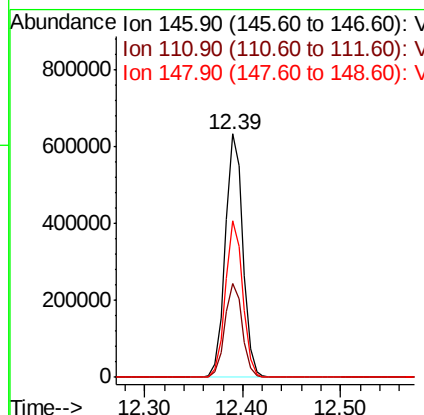
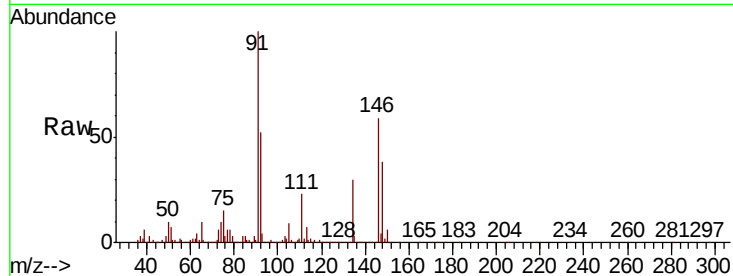
#91
 1,2-Dichlorobenzene
 Concen: 48.702 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121818

Tot Ion	Ratio	Resp	Lower	Upper
146	100	786155		
111	38.3	19.4	58.2	
148	63.5	32.3	96.9	

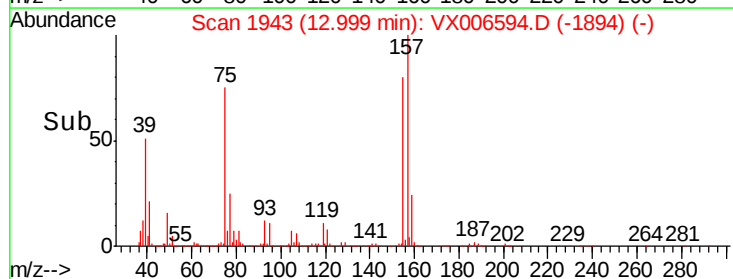
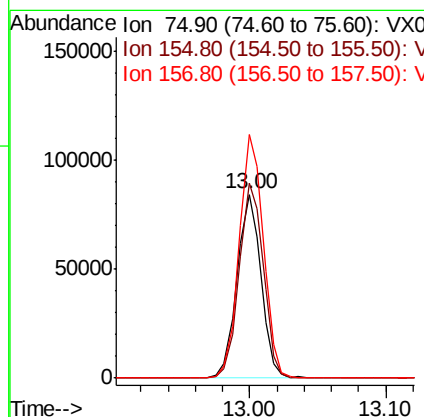
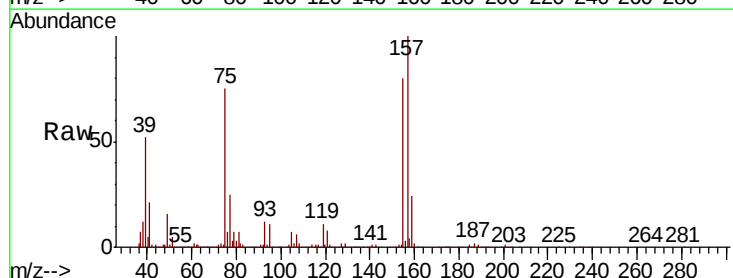
Manual Integrations
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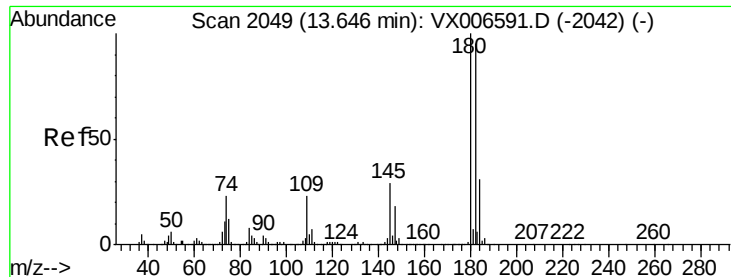
MMDadoda
 12/19/2018 11:22:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.714 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	103352		
155	106.9	50.6	151.8	
157	134.1	64.6	193.8	





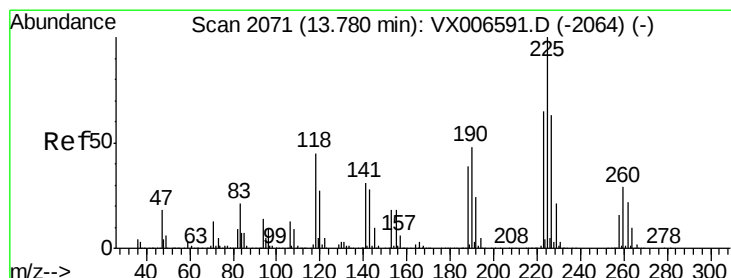
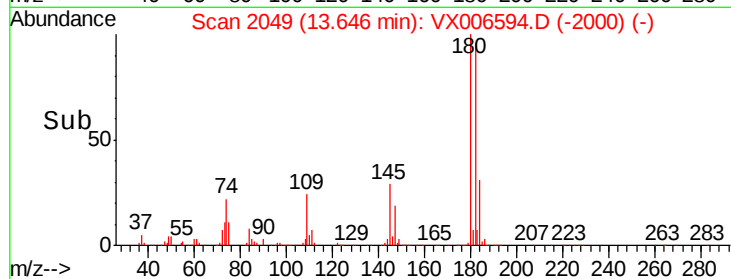
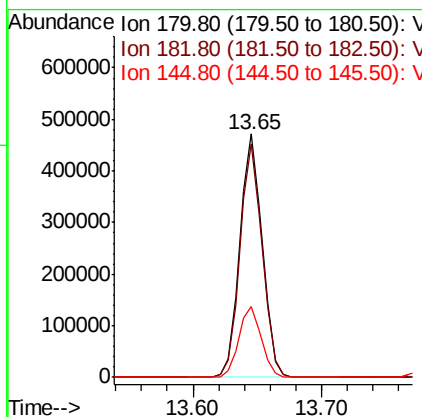
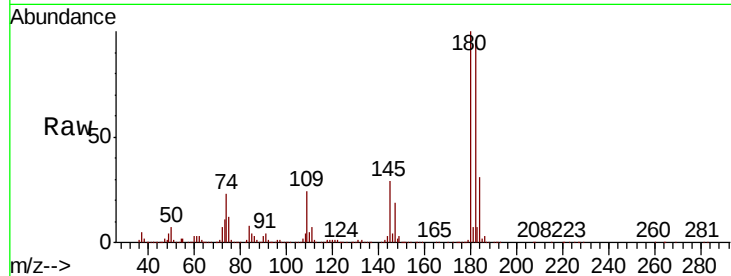
#93
 1,2,4-Trichlorobenzene
 Concen: 50.812 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121818

Tot Ion	Ratio	Resp	Lower	Upper
180	100	565779		
182	95.1	47.3	142.0	
145	29.4	14.8	44.3	

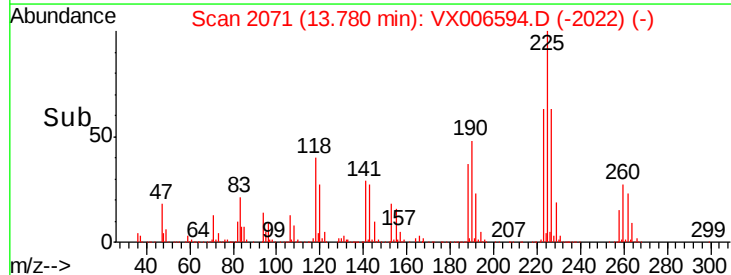
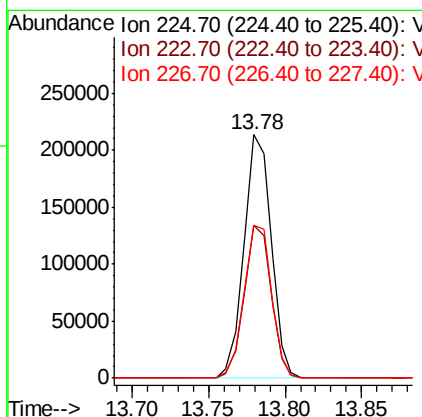
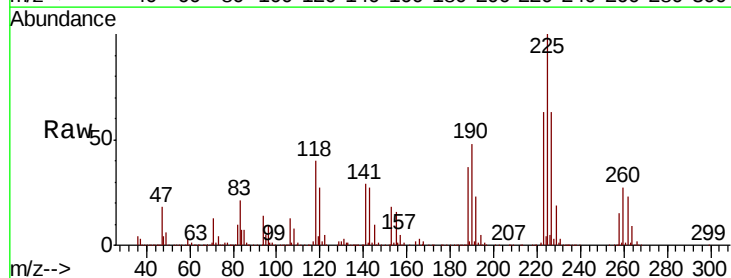
Manual Integrations
 APPROVED

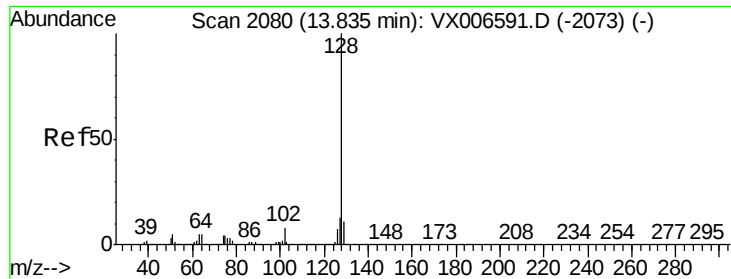
MMDadoda
 12/19/2018 11:22:13 AM



#94
 Hexachlorobutadiene
 Concen: 50.367 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006594.D
 Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	264341		
223	62.4	32.1	96.3	
227	63.8	32.3	96.8	





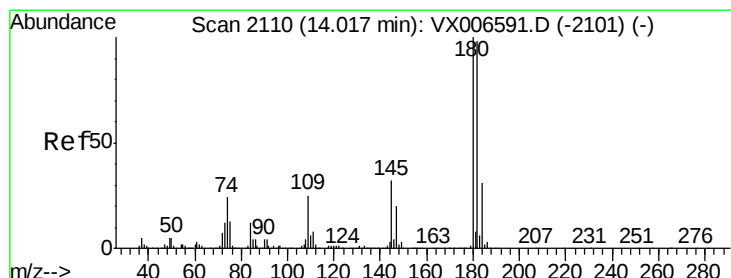
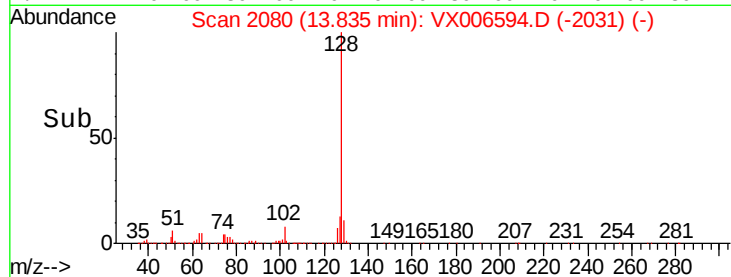
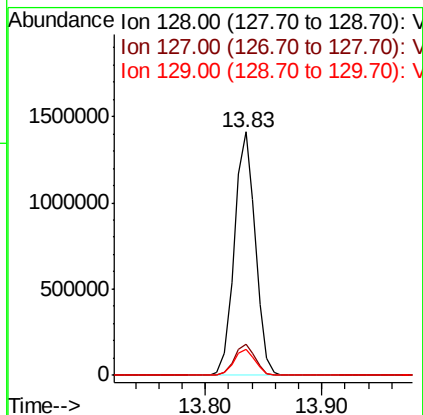
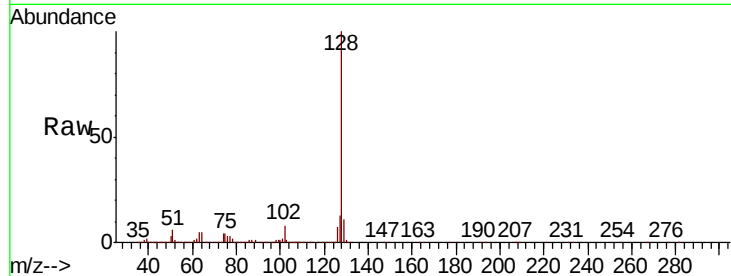
#95
Naphthalene
Concen: 49.547 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121818

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/19/2018 11:22:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.317 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006594.D
Acq: 18 Dec 2018 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.5	145.5
145	31.2	16.0	47.9

