

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122218\
 Data File : VX006762.D
 Acq On : 22 Dec 2018 10:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 11:47:30 AM

Quant Time: Dec 24 04:34:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	628897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	935851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	834712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	325269	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.50	113	300359	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	1114949	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	394016	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	249315	43.334	ug/l	100
3) Chloromethane	1.33	50	258829	41.758	ug/l	98
4) Vinyl Chloride	1.41	62	279431	43.165	ug/l	98
5) Bromomethane	1.64	94	275299	45.394	ug/l	98
6) Chloroethane	1.72	64	181827	40.565	ug/l	97
7) Trichlorofluoromethane	1.93	101	461929	45.768	ug/l	99
8) Diethyl Ether	2.19	74	176442	44.014	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	282662	47.698	ug/l	100
10) Methyl Iodide	2.51	142	366231	43.173	ug/l	100
11) Tert butyl alcohol	3.07	59	318344	210.453	ug/l	100
12) 1,1-Dichloroethene	2.38	96	252864	45.002	ug/l	97
13) Acrolein	2.30	56	197869	193.904	ug/l	100
14) Allyl chloride	2.73	41	427125	45.160	ug/l	100
15) Acrylonitrile	3.15	53	766867	228.331	ug/l	100
16) Acetone	2.45	43	855653	274.775	ug/l	97
17) Carbon Disulfide	2.57	76	596326	40.103	ug/l	99
18) Methyl Acetate	2.78	43	448671	48.999	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	872449	46.781	ug/l	99
20) Methylene Chloride	2.86	84	283318	43.999	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	272805	43.818	ug/l	97
22) Diisopropyl ether	3.87	45	831643	48.063	ug/l	98
23) Vinyl Acetate	3.82	43	3503998	247.573	ug/l	98
24) 1,1-Dichloroethane	3.70	63	484598	46.916	ug/l	97
25) 2-Butanone	4.70	43	1075841	245.612	ug/l	100
26) 2,2-Dichloropropane	4.59	77	355035	44.497	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	318030	46.299	ug/l	99
28) Bromochloromethane	5.02	49	208969	47.915	ug/l	97
29) Tetrahydrofuran	5.15	42	666539	231.038	ug/l	99
30) Chloroform	5.21	83	500990	46.837	ug/l	99
31) Cyclohexane	5.57	56	432815	46.124	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	424715	47.024	ug/l	99
36) 1,1-Dichloropropene	5.80	75	375350	48.426	ug/l	99
37) Ethyl Acetate	4.85	43	381838	47.331	ug/l	99
38) Carbon Tetrachloride	5.78	117	369702	49.079	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	498724	48.873	ug/l	100
40) Benzene	6.14	78	1125352	47.764	ug/l	99
41) Methacrylonitrile	5.06	41	215338	50.276	ug/l	98
42) 1,2-Dichloroethane	6.20	62	373434	46.514	ug/l	100
43) Isopropyl Acetate	6.46	43	612746	49.919	ug/l	98
44) Trichloroethene	7.21	130	331676	46.512	ug/l	98
45) 1,2-Dichloropropane	7.51	63	283548	49.455	ug/l	97
46) Dibromomethane	7.66	93	201004	47.662	ug/l	99
47) Bromodichloromethane	7.90	83	344118	49.149	ug/l	98
48) Methyl methacrylate	7.77	41	313983	50.301	ug/l	99
49) 1,4-Dioxane	7.75	88	147111	898.728	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1914475	245.127	ug/l	99
52) Toluene	8.78	92	725711	47.678	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379853	50.586	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	421309	51.134	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	301871	48.452	ug/l	99
56) Ethyl methacrylate	9.18	69	435830	49.494	ug/l	97
57) 1,3-Dichloropropane	9.37	76	473068	47.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1290861	275.778	ug/l	99
59) 2-Hexanone	9.49	43	1508293	252.405	ug/l	99
60) Dibromochloromethane	9.58	129	300556	46.305	ug/l	98
61) 1,2-Dibromoethane	9.67	107	326556	49.307	ug/l	100
64) Tetrachloroethene	9.34	164	308252	46.637	ug/l	98
65) Chlorobenzene	10.14	112	843814	47.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	288342	52.335	ug/l	100
67) Ethyl Benzene	10.25	91	1406777	48.751	ug/l	100
68) m/p-Xylenes	10.36	106	1104217	96.976	ug/l	99
69) o-Xylene	10.69	106	540298	48.052	ug/l	98
70) Styrene	10.71	104	856799	48.166	ug/l	99
71) Bromoform	10.86	173	210241	42.991	ug/l	100
73) Isopropylbenzene	11.02	105	1451126	48.623	ug/l	99
74) N-amyl acetate	10.90	43	542878	50.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	432445	48.722	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	400636m	49.417	ug/l	
77) Bromobenzene	11.26	156	380137	47.114	ug/l	99
78) n-propylbenzene	11.36	91	1627599	49.524	ug/l	99
79) 2-Chlorotoluene	11.42	91	929934	46.692	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1195619	48.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110515	42.206	ug/l	96
82) 4-Chlorotoluene	11.51	91	1097416	48.037	ug/l	99
83) tert-Butylbenzene	11.77	119	1225611	49.817	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1220181	47.192	ug/l	99
85) sec-Butylbenzene	11.94	105	1492553	49.481	ug/l	100
86) p-Isopropyltoluene	12.06	119	1326035	50.010	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	699937	48.134	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	691970	46.419	ug/l	99
89) n-Butylbenzene	12.39	91	1165090	51.631	ug/l	99
90) Hexachloroethane	12.60	117	191417	46.382	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	670826	46.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	86624	47.168	ug/l	100

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ClientSampleId :
VSTDCCC050

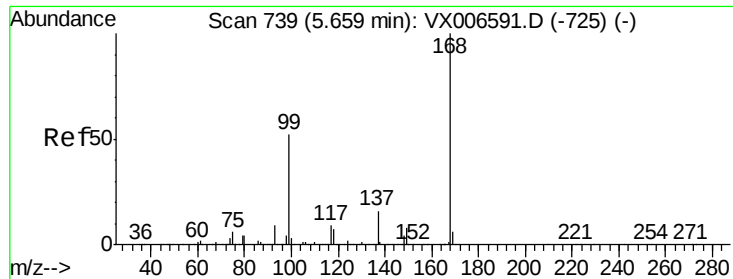
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	496090	49.440	ug/l	99
94) Hexachlorobutadiene	13.79	225	234042	49.485	ug/l	99
95) Naphthalene	13.83	128	1508613	47.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	490090	47.305	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 628897

Ion Ratio Lower Upper

168 100

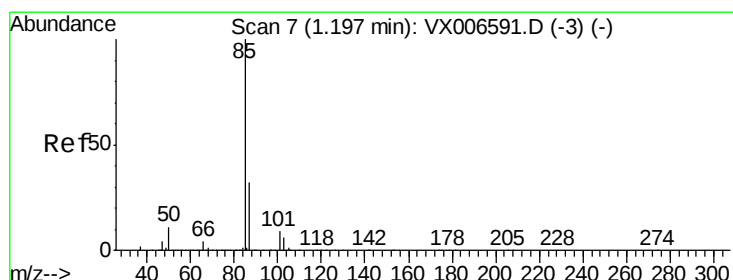
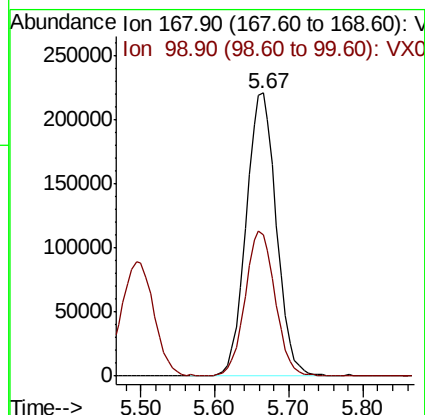
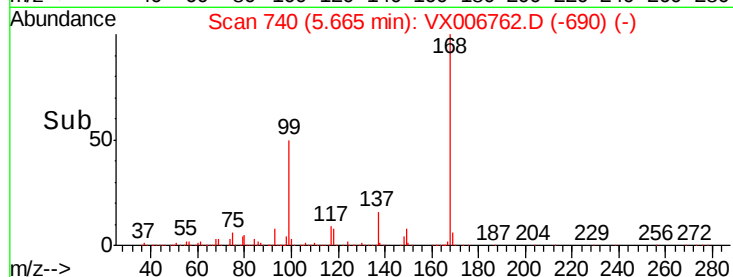
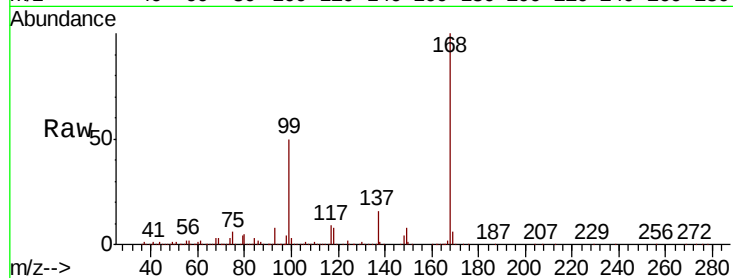
99 49.8 41.8 62.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.334 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006762.D

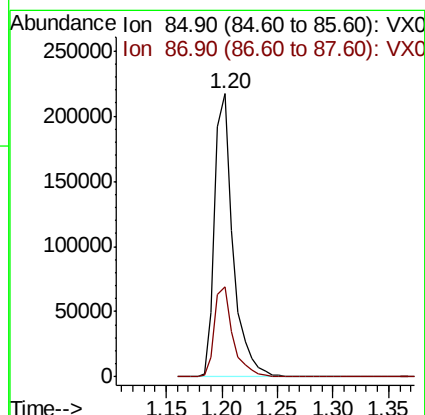
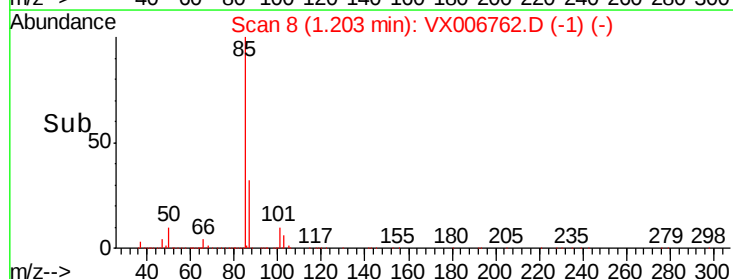
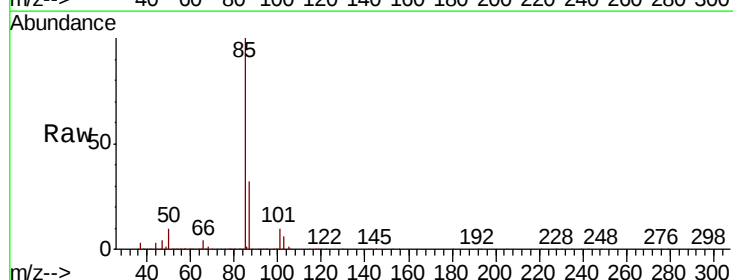
Acq: 22 Dec 2018 10:25

Tgt Ion: 85 Resp: 249315

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6





#3

Chloromethane

Concen: 41.758 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 258829

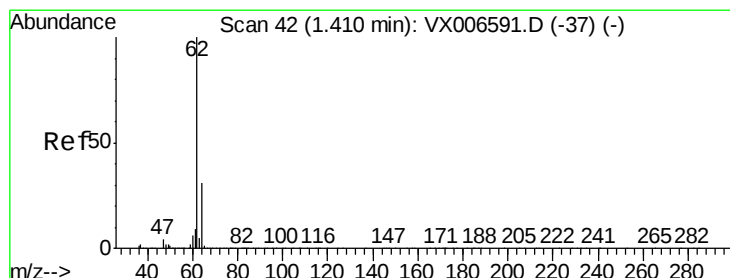
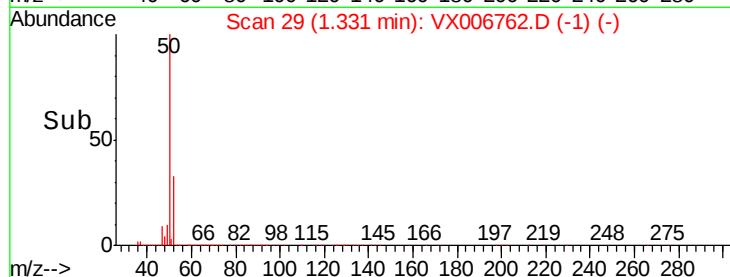
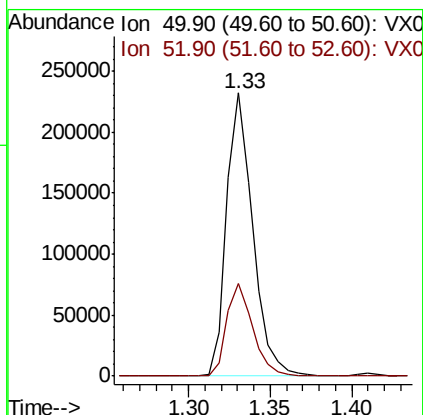
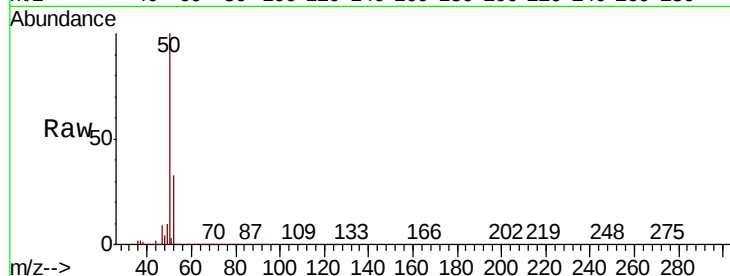
Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2

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#4

Vinyl Chloride

Concen: 43.165 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006762.D

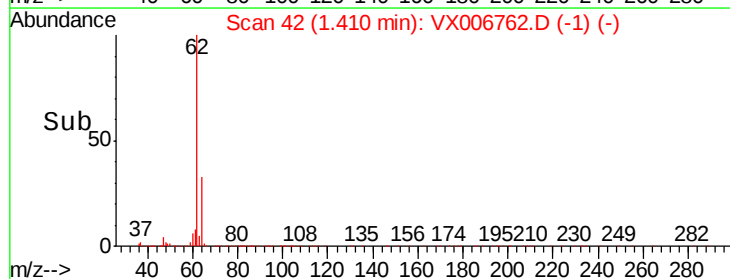
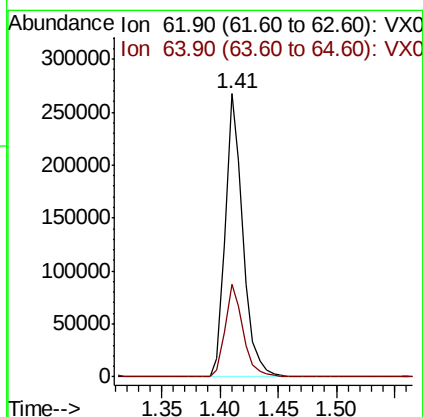
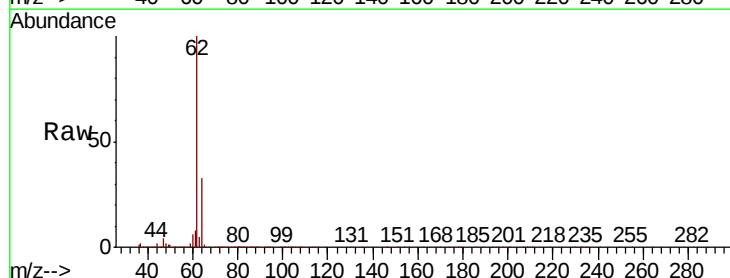
Acq: 22 Dec 2018 10:25

Tgt Ion: 62 Resp: 279431

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 45.394 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 275299

Ion Ratio Lower Upper

94 100

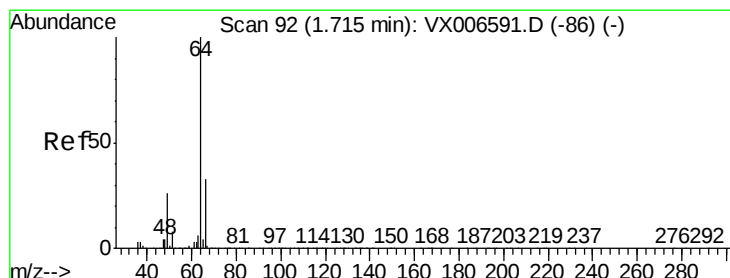
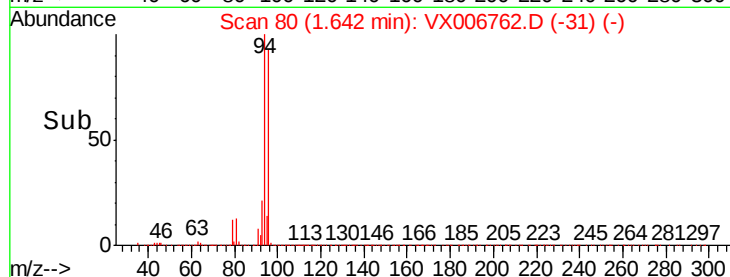
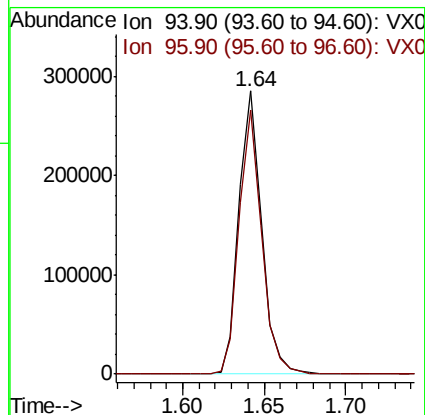
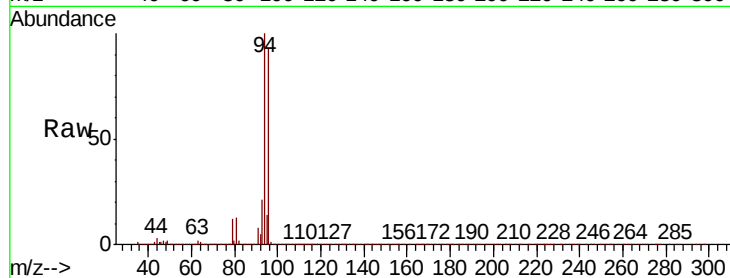
96 93.5 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 40.565 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006762.D

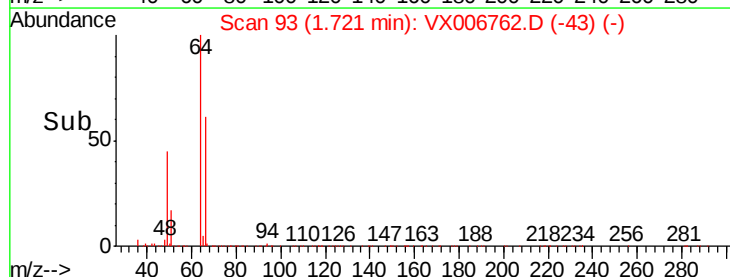
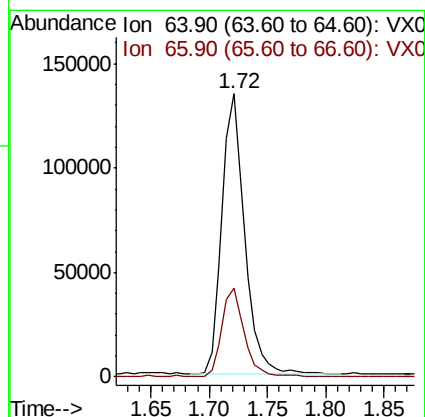
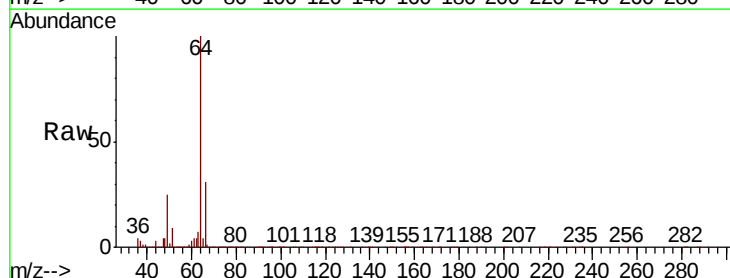
Acq: 22 Dec 2018 10:25

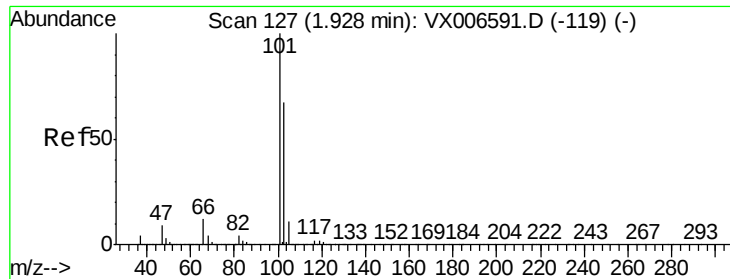
Tgt Ion: 64 Resp: 181827

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6





#7

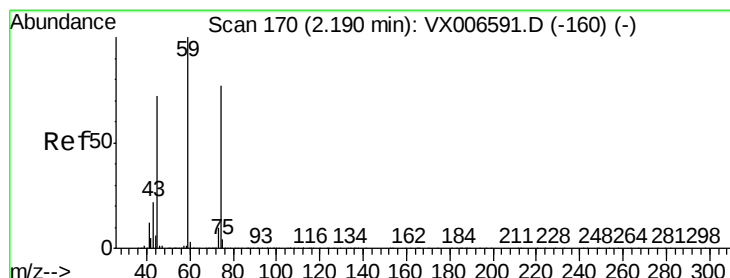
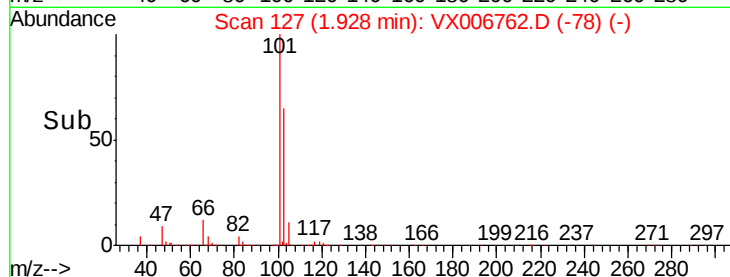
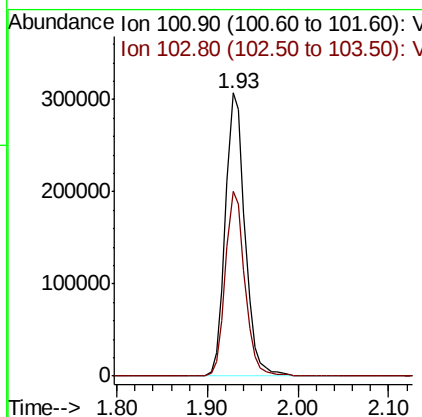
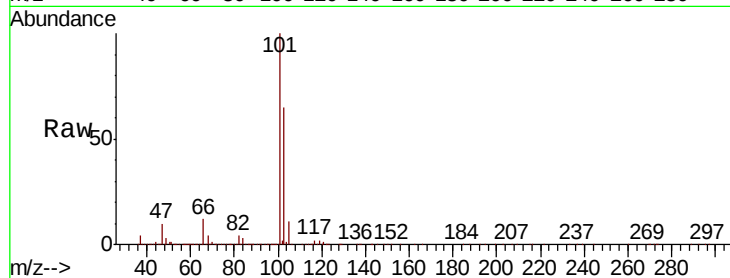
Trichlorofluoromethane
Concen: 45.768 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.2	79.8

Manual Integrations
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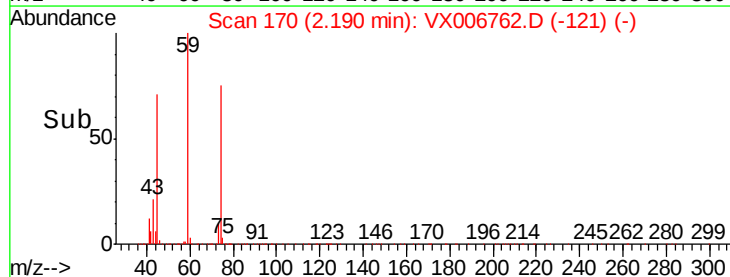
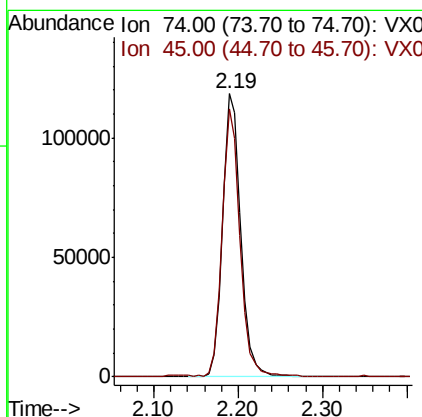
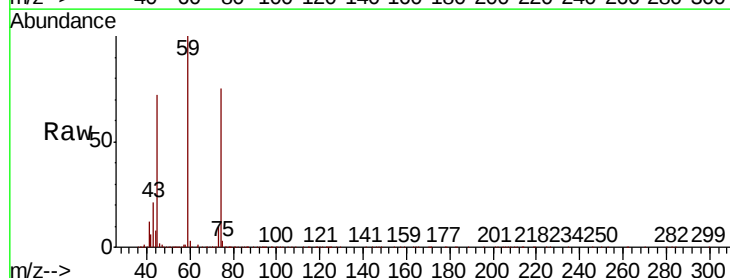
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12/24/2018 11:47:30 AM



#8

Diethyl Ether
Concen: 44.014 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.698 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

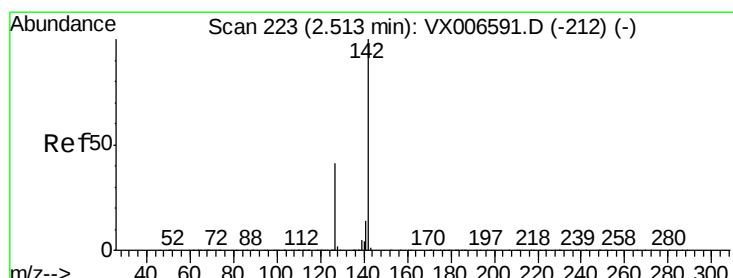
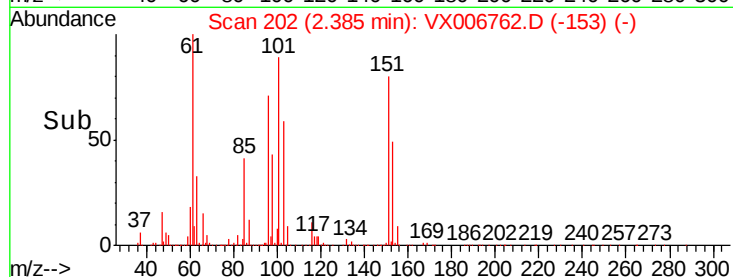
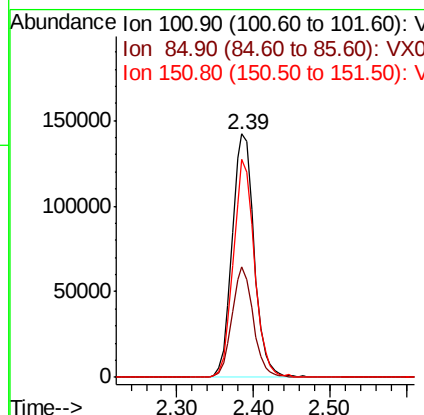
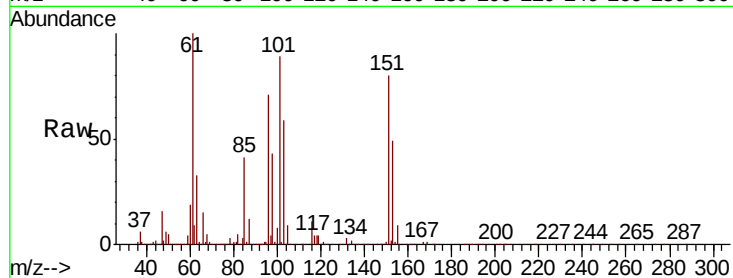
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	282662
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.1	52.7
151	86.2	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 43.173 ug/l

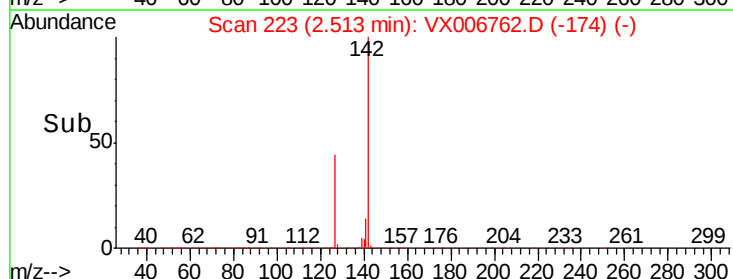
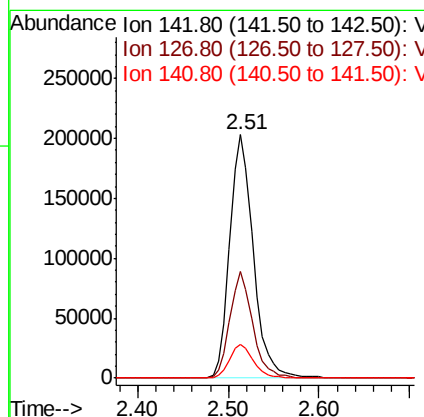
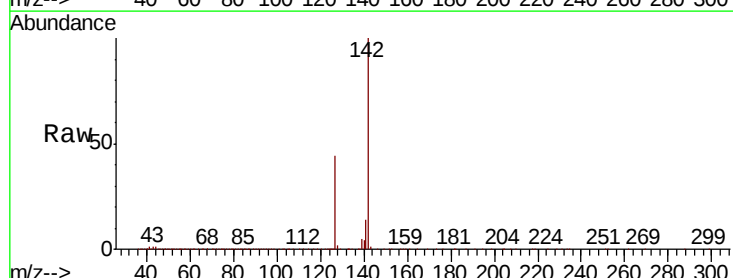
RT: 2.51 min Scan# 223

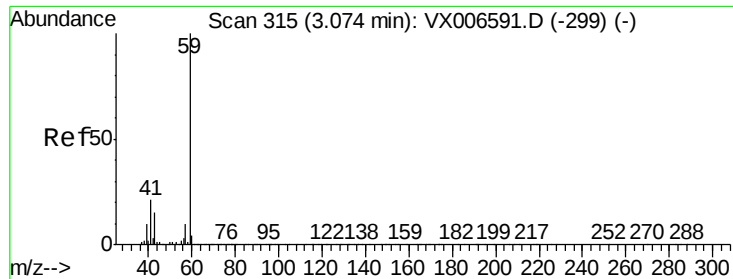
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion:	142	Resp:	366231
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.9	50.9
141	14.2	11.4	17.0





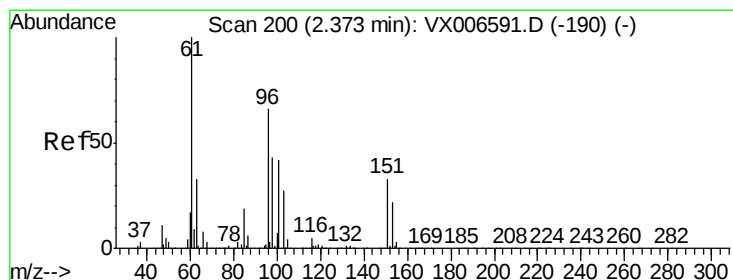
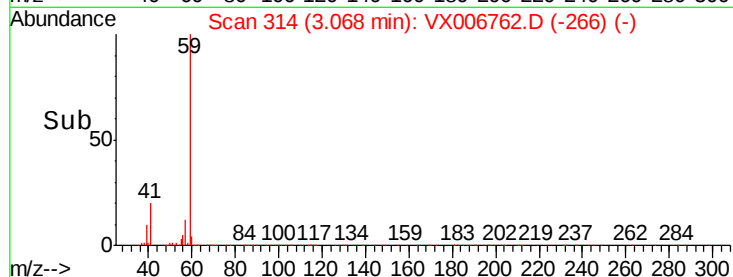
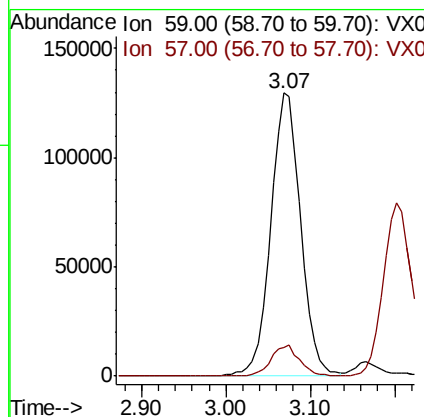
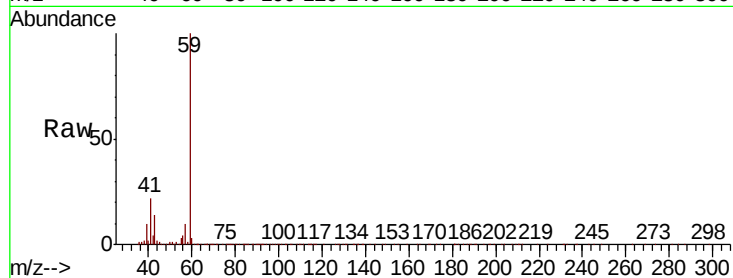
#11
Tert butyl alcohol
Concen: 210.453 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

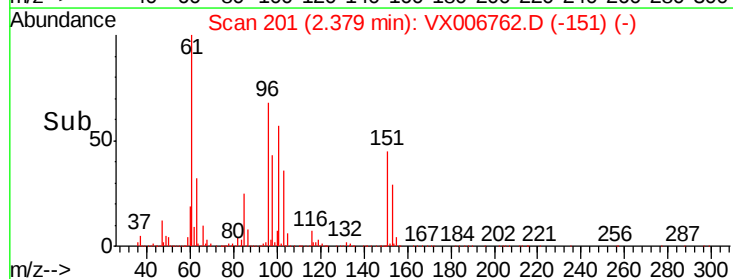
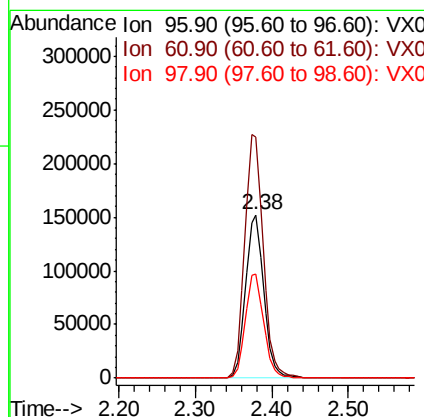
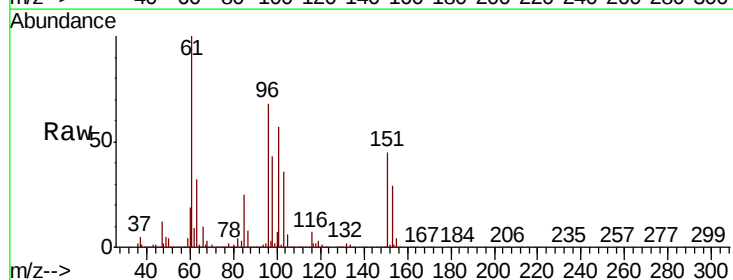
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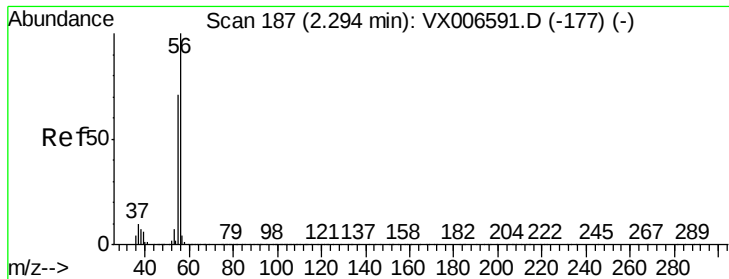
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.002 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	121.4	182.2
98	63.5	51.9	77.9





#13

Acrolein

Concen: 193.904 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 197869

Ion Ratio Lower Upper

56 100

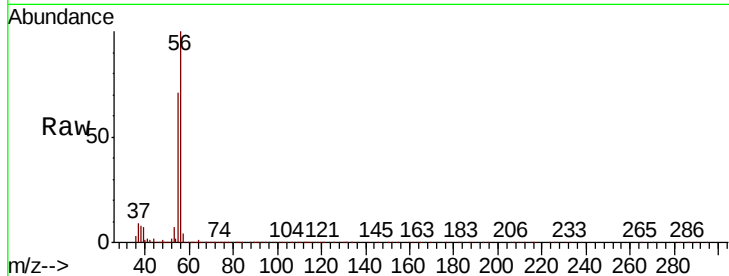
55 72.6 58.2 87.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

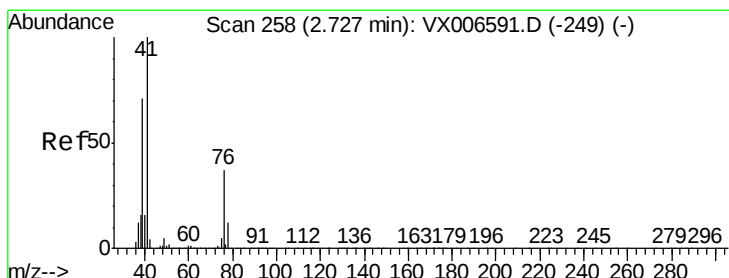
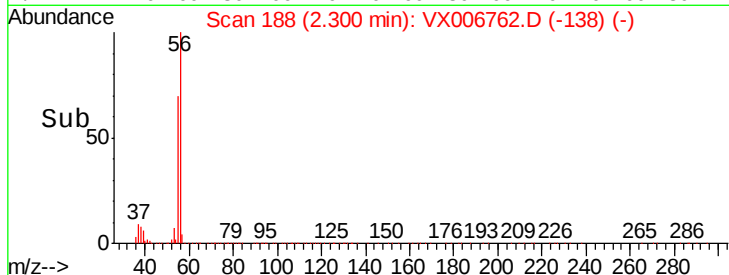
2.30

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 45.160 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

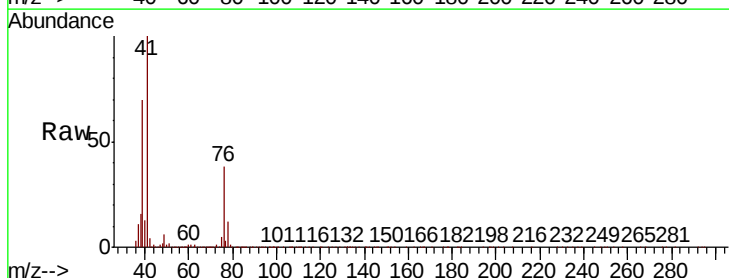
Tgt Ion: 41 Resp: 427125

Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

76 34.3 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

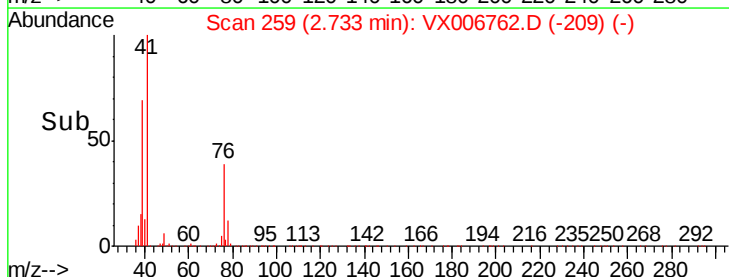
300000

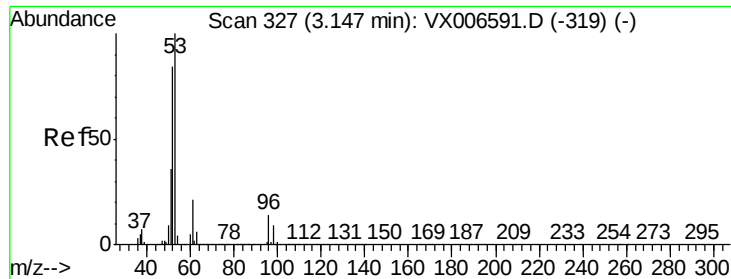
200000

100000

0

Time-->





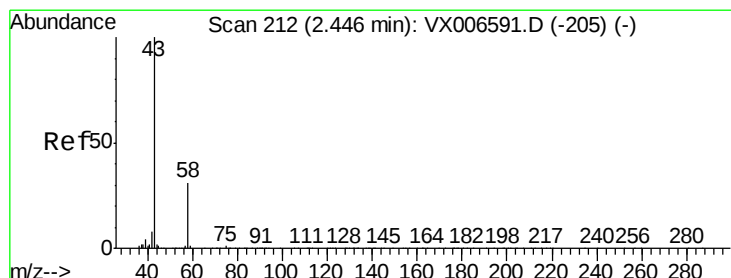
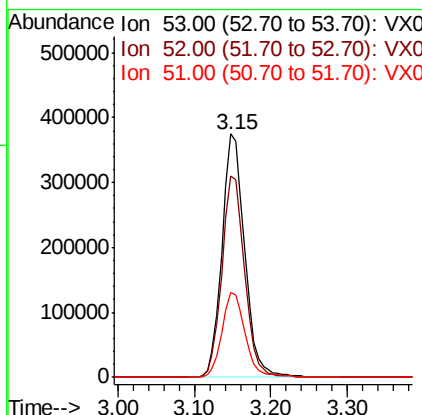
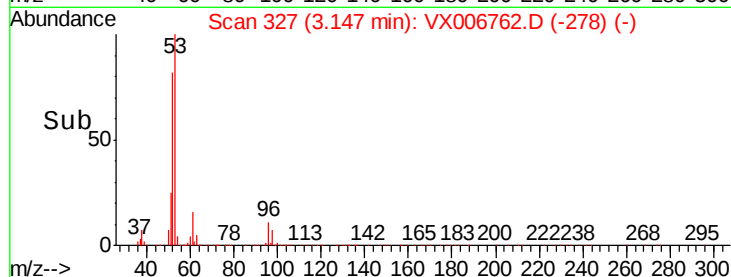
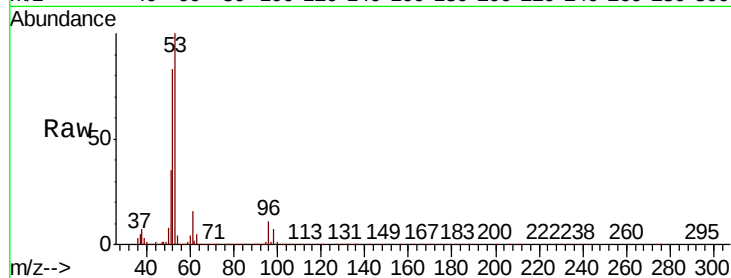
#15
 Acrylonitrile
 Concen: 228.331 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion:	53	Resp:	766867
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.0	99.0
51	35.7	28.6	42.8

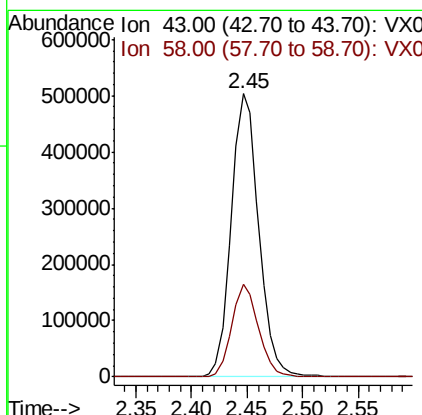
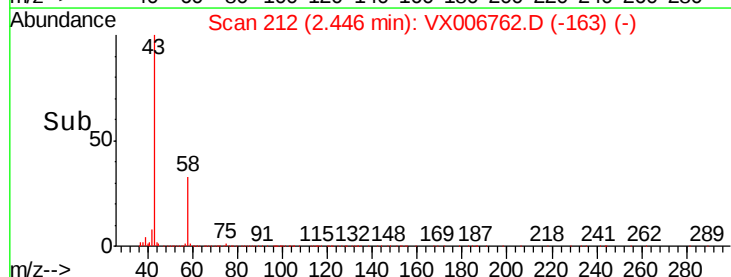
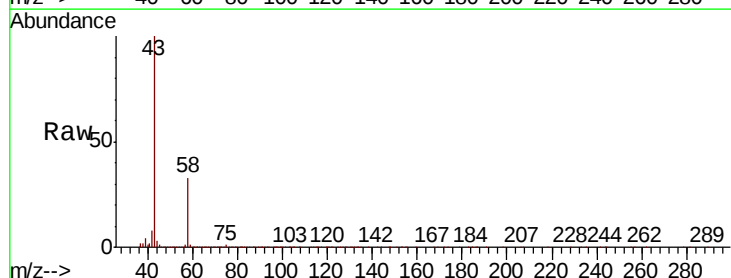
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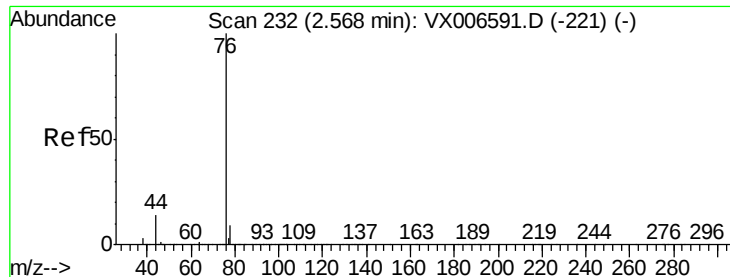
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#16
 Acetone
 Concen: 274.775 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion:	43	Resp:	855653
Ion Ratio		Lower	Upper
43	100		
58	32.8	25.0	37.6





#17

Carbon Disulfide

Concen: 40.103 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 596326

Ion Ratio Lower Upper

76 100

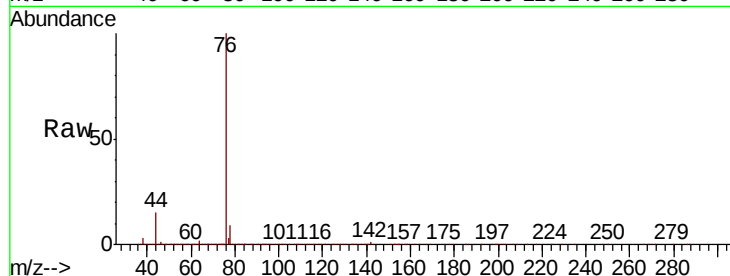
78 9.2 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

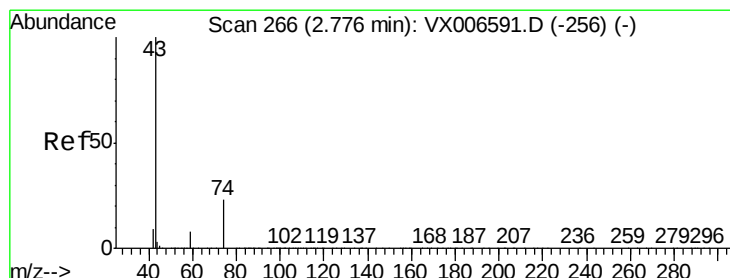
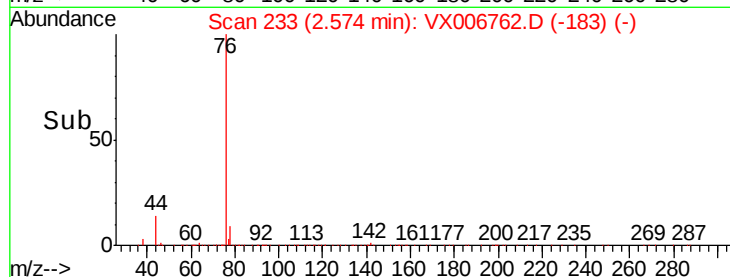
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 48.999 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006762.D

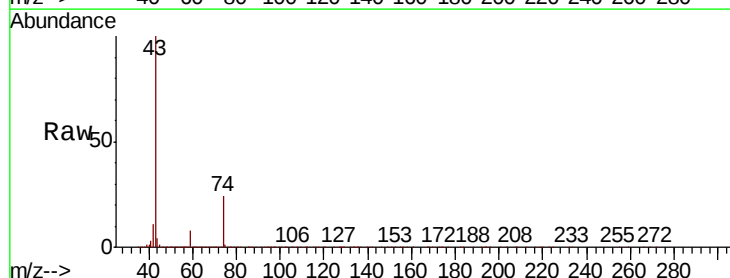
Acq: 22 Dec 2018 10:25

Tgt Ion: 43 Resp: 448671

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

250000

200000

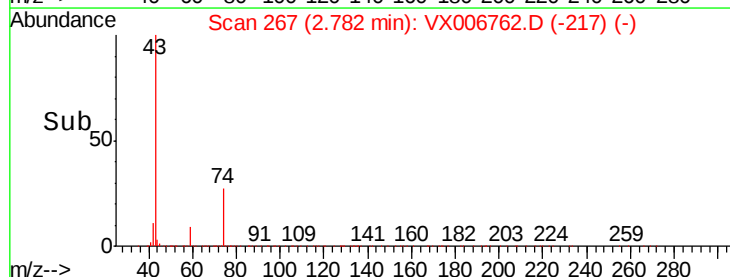
150000

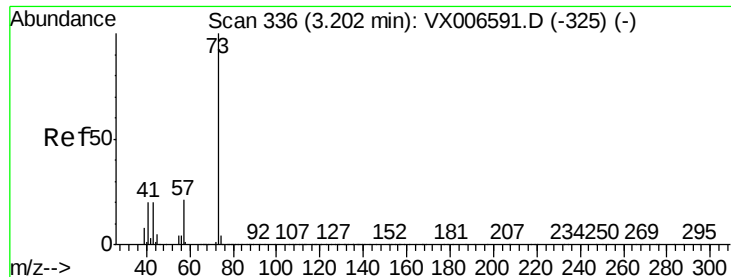
100000

50000

0

Time-->





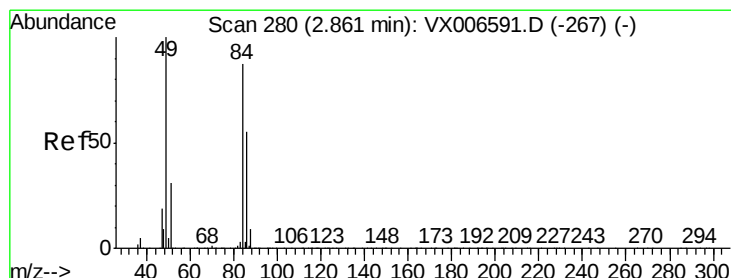
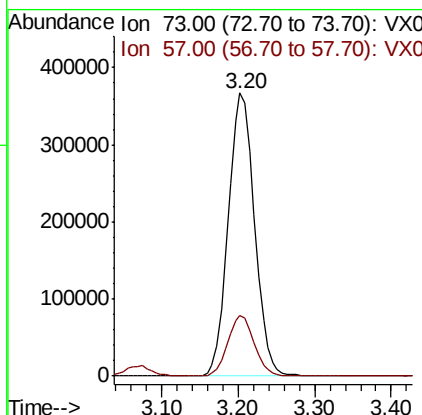
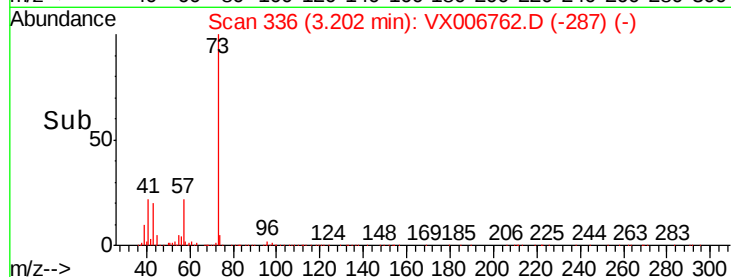
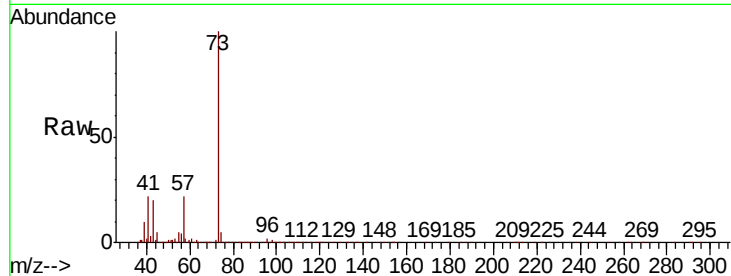
#19
Methvl tert-butvl Ether
Concen: 46.781 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

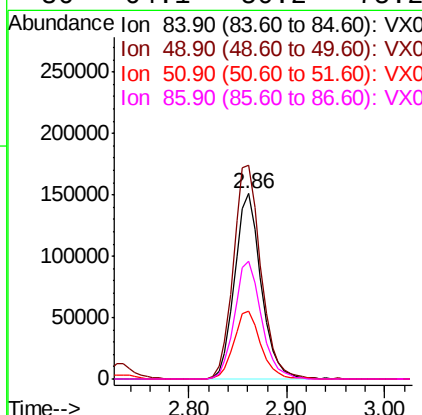
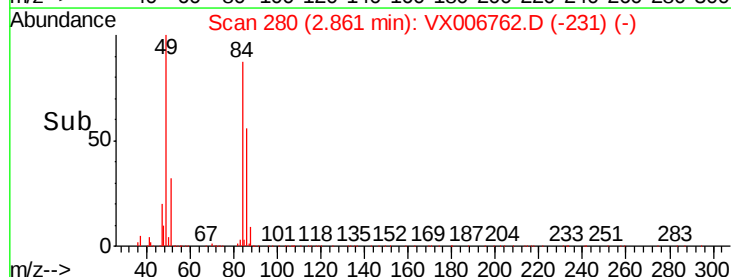
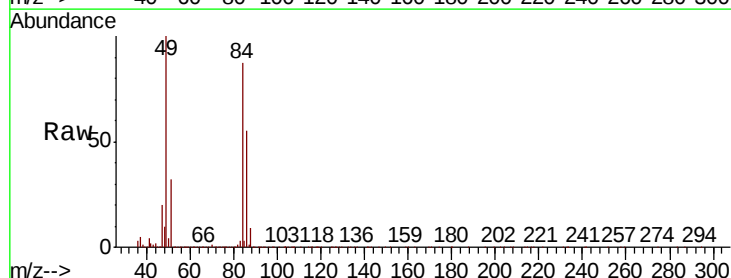
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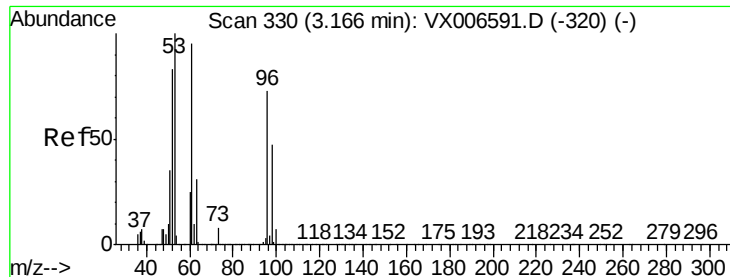
MMDadoda
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#20
Methylene Chloride
Concen: 43.999 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.5	91.8	137.6
51	36.5	28.5	42.7
86	64.1	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 43.818 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

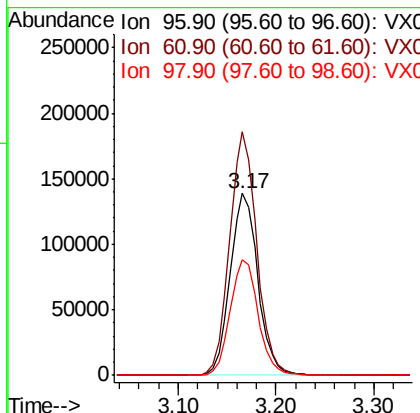
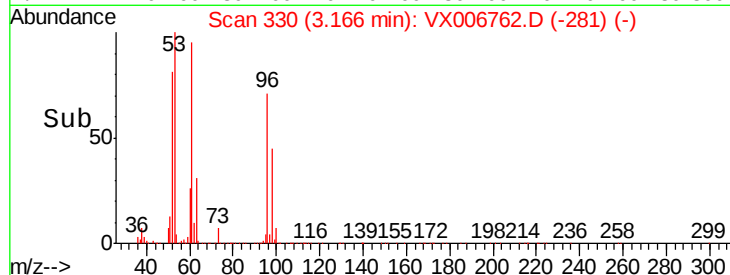
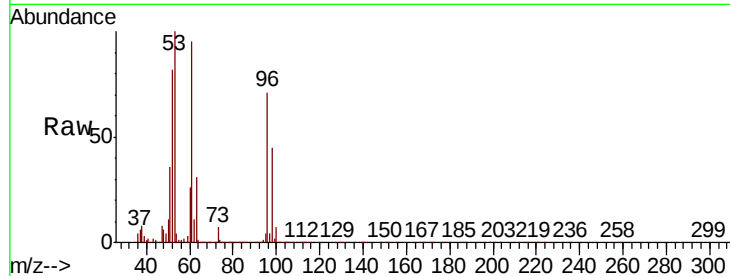
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	272805
Ion Ratio	Lower	Upper	
96	100		
61	133.6	103.7	155.5
98	63.2	51.0	76.6

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#22

Diisopropyl ether

Concen: 48.063 ug/l

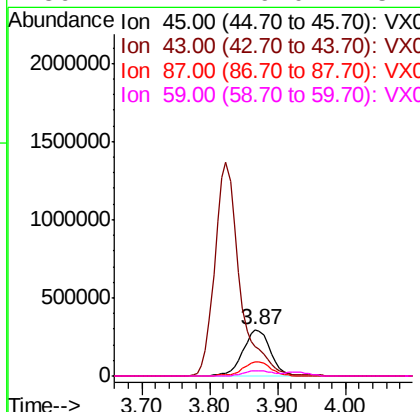
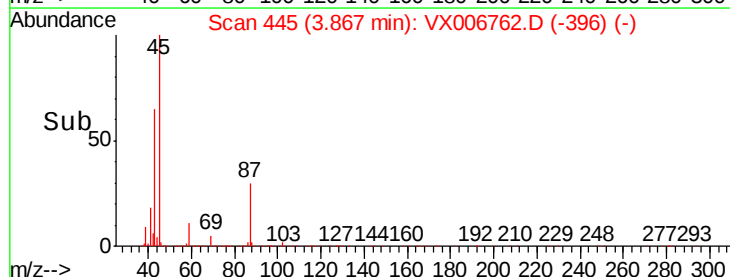
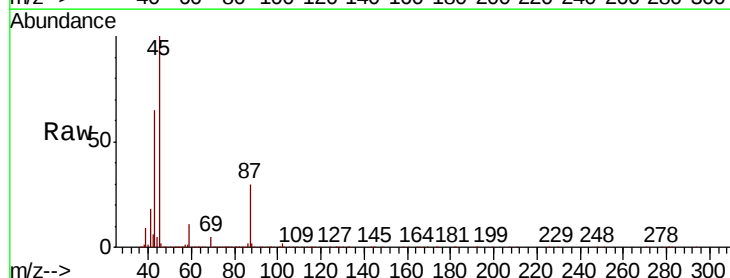
RT: 3.87 min Scan# 445

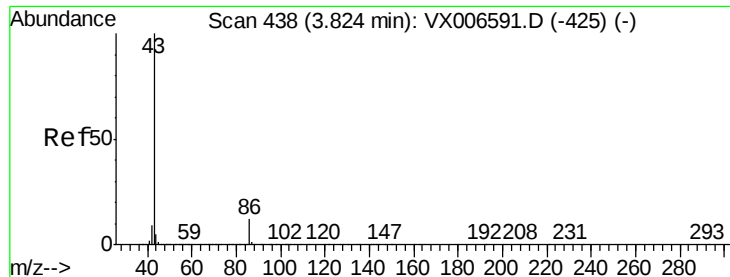
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion:	45	Resp:	831643
Ion Ratio	Lower	Upper	
45	100		
43	64.4	51.2	76.8
87	30.0	25.8	38.6
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 247.573 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3503998

Ion Ratio Lower Upper

43 100

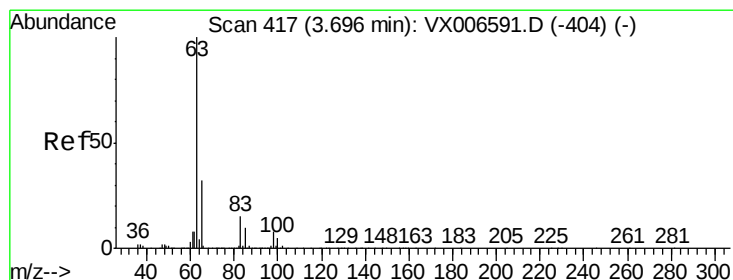
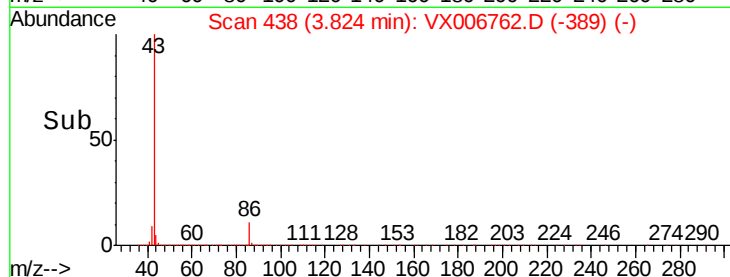
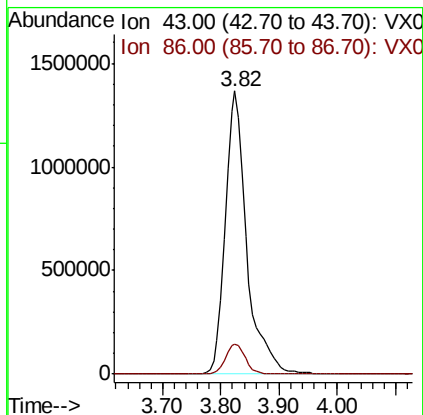
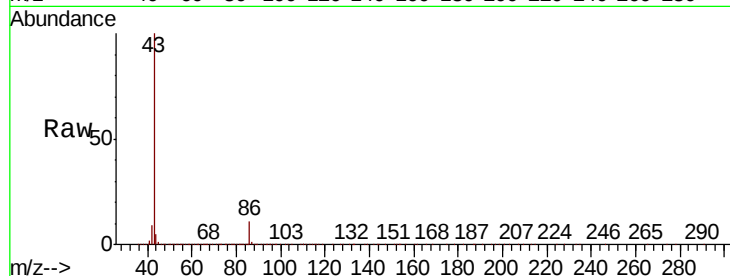
86 10.7 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 46.916 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

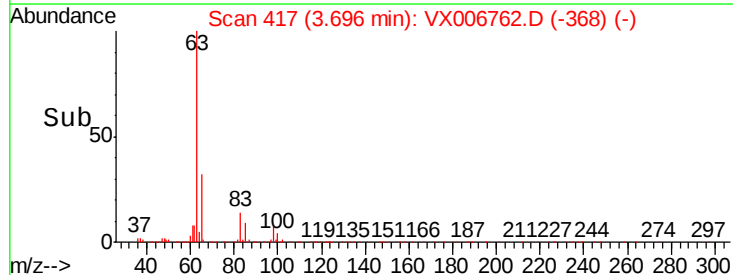
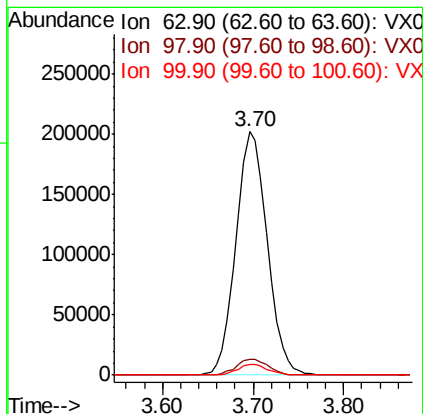
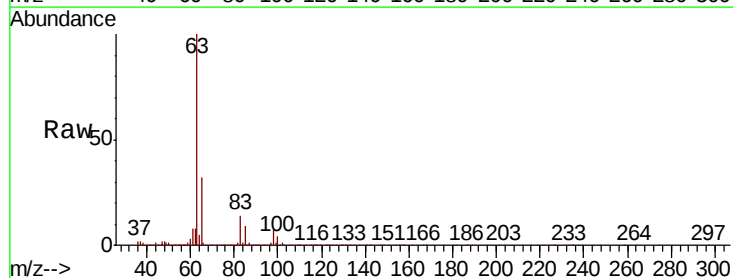
Tgt Ion: 63 Resp: 484598

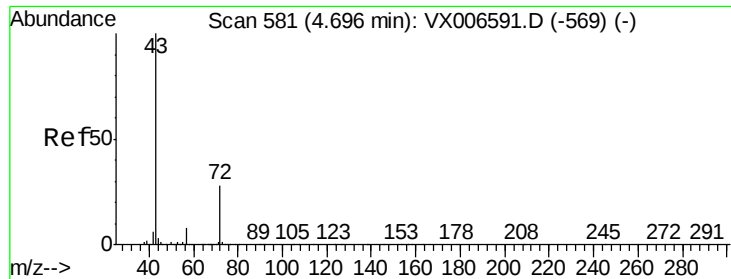
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 245.612 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1075841

Ion Ratio Lower Upper

43 100

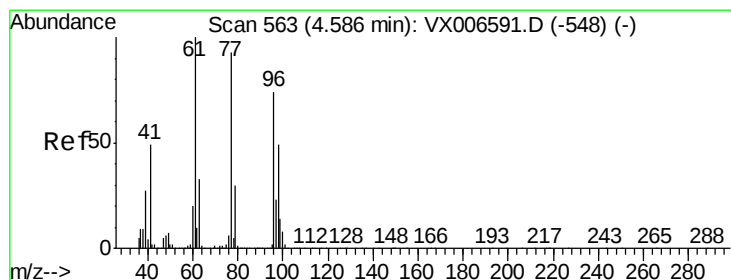
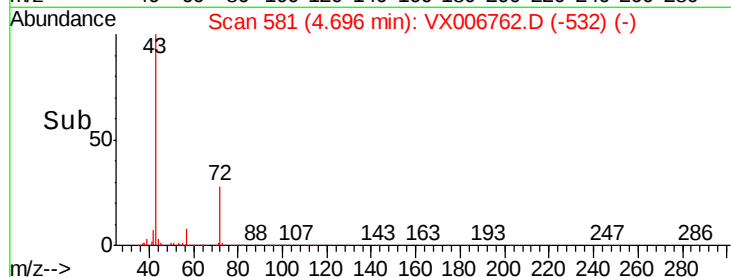
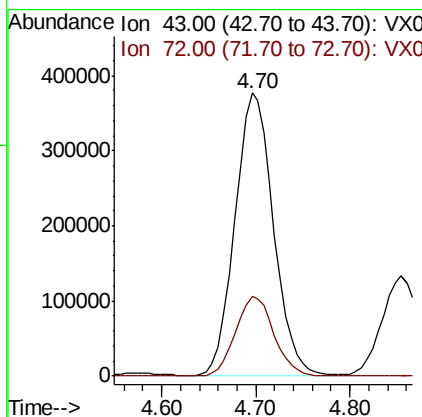
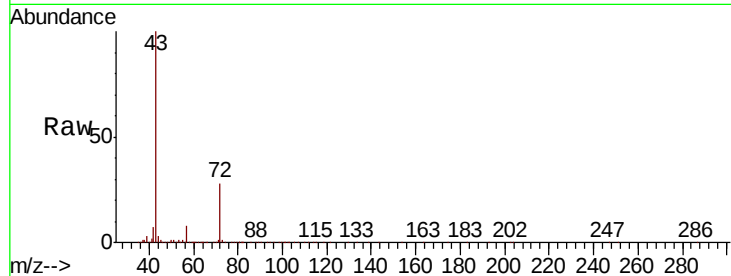
72 28.2 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 44.497 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006762.D

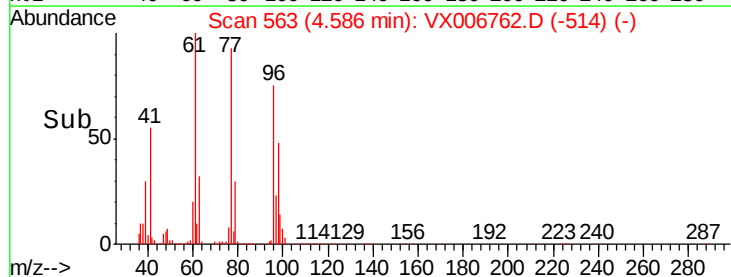
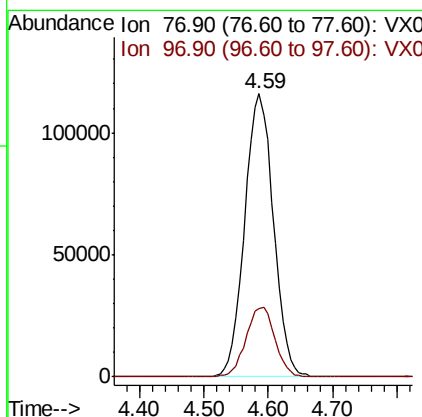
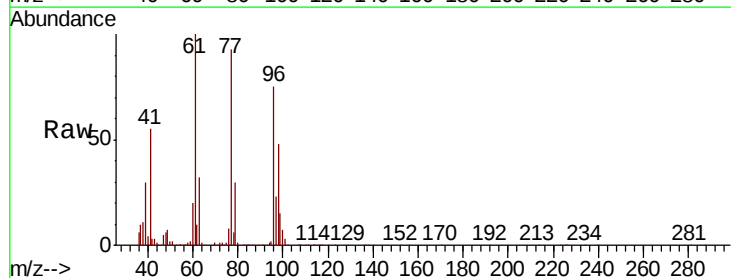
Acq: 22 Dec 2018 10:25

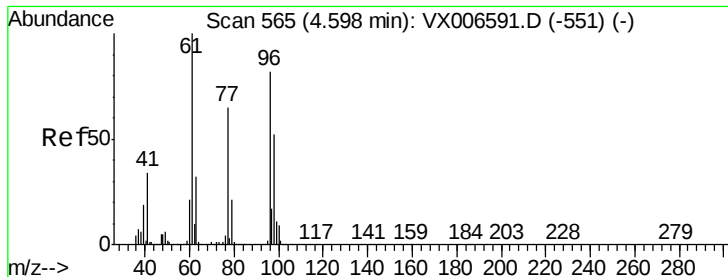
Tgt Ion: 77 Resp: 355035

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4





#27

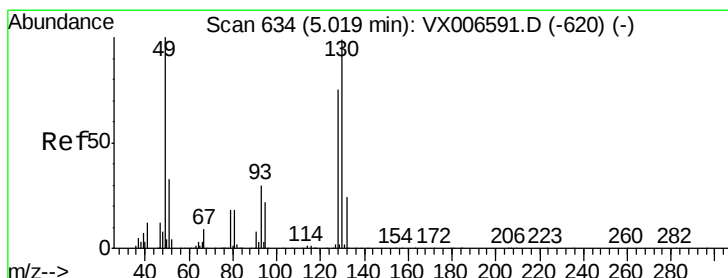
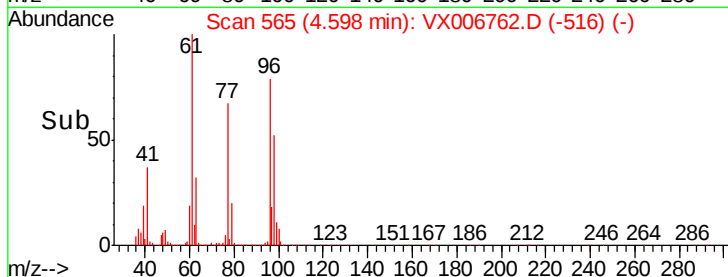
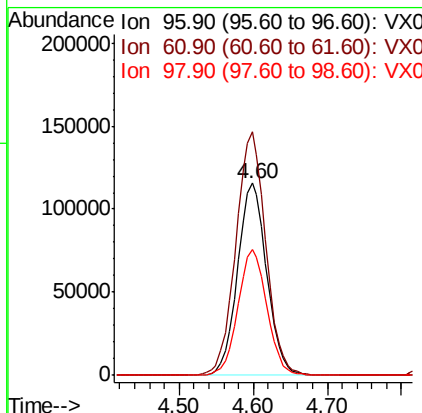
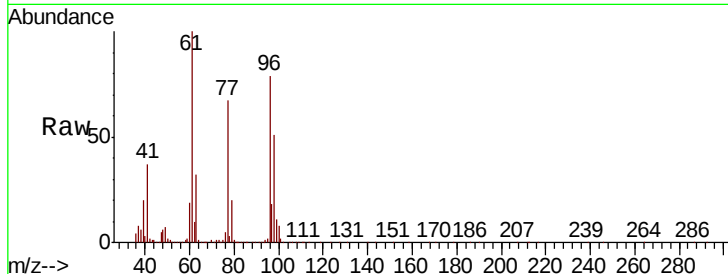
cis-1,2-Dichloroethene
Concen: 46.299 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	318030		
61	130.0	0.0	258.6	
98	65.0	0.0	132.0	

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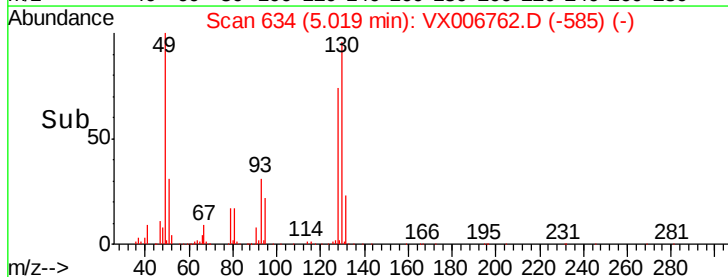
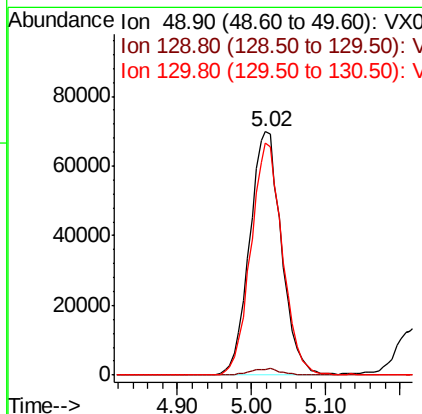
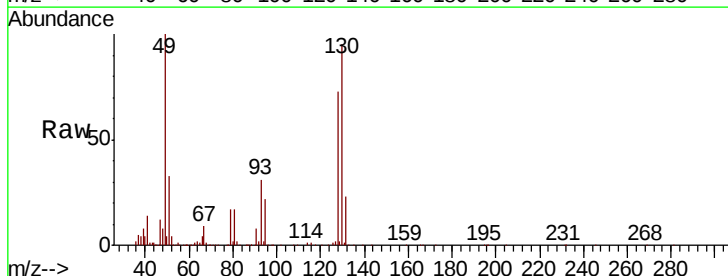
MMDadoda
12/24/2018 11:47:30 AM

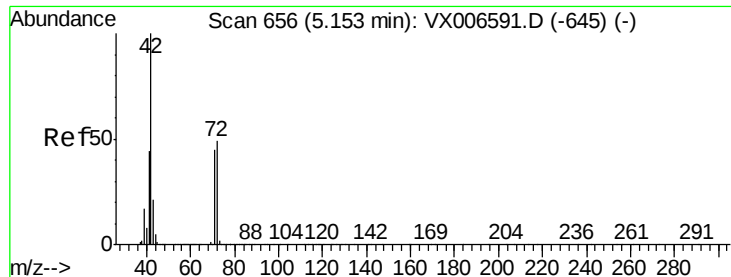


#28

Bromochloromethane
Concen: 47.915 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	208969		
129	2.7	0.0	5.4	
130	94.5	77.7	116.5	





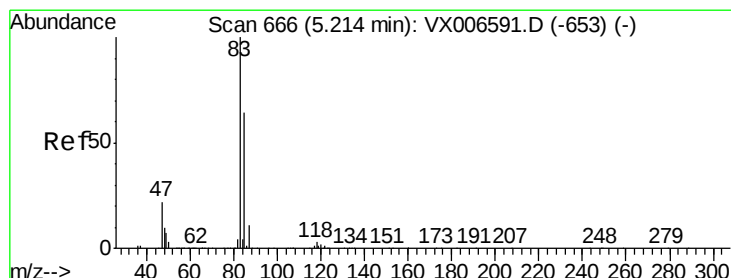
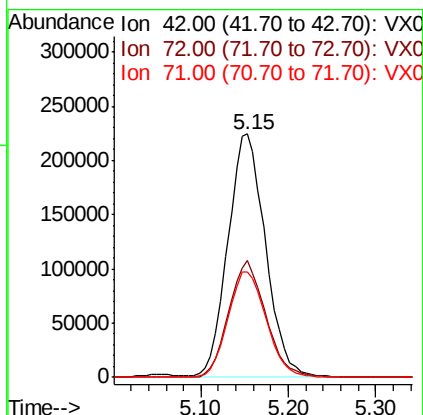
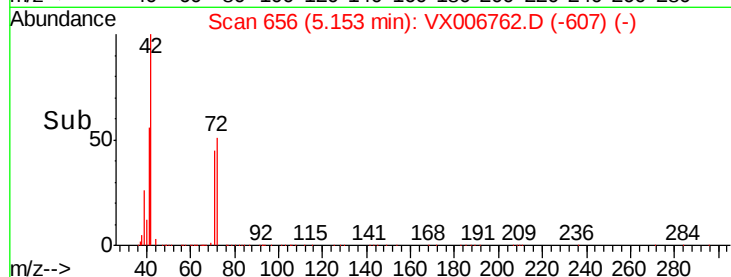
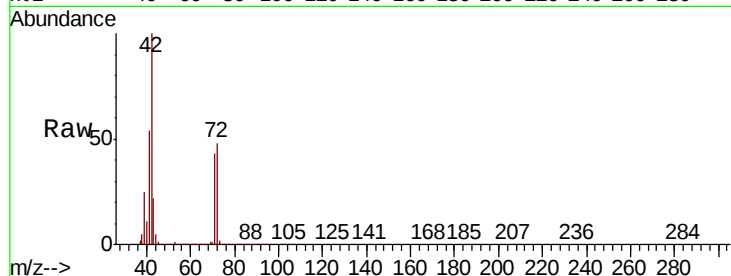
#29
Tetrahydrofuran
Concen: 231.038 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.9	58.3
71	44.4	36.2	54.4

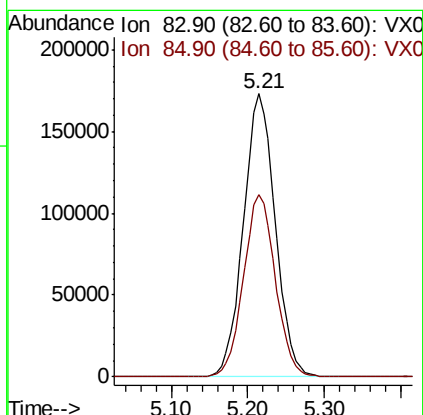
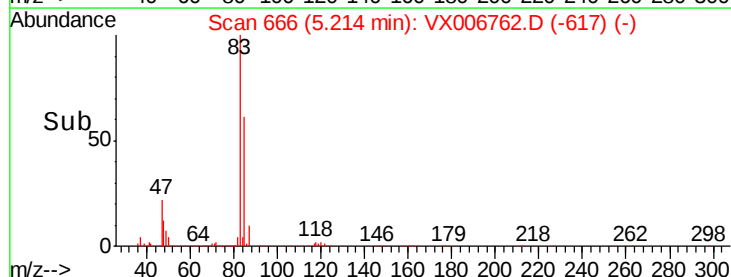
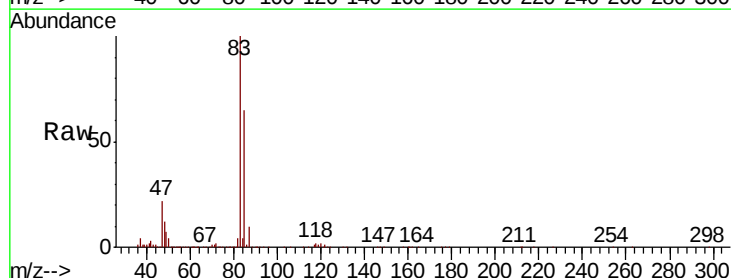
Manual Integrations
APPROVED

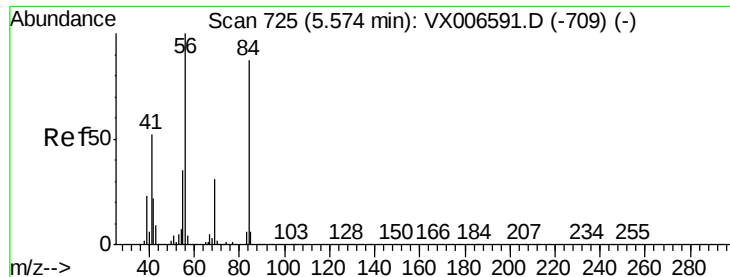
MMDadoda
12/24/2018 11:47:30 AM



#30
Chloroform
Concen: 46.837 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8





#31

Cyclohexane

Concen: 46.124 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

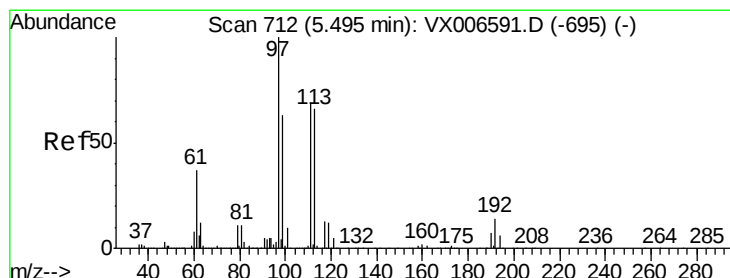
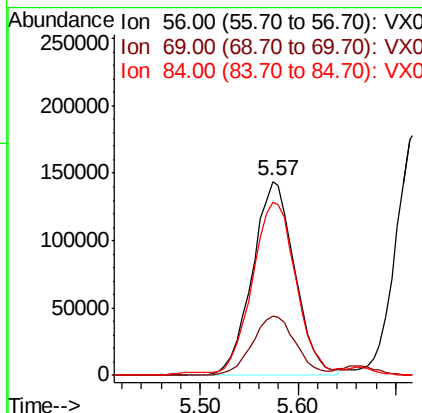
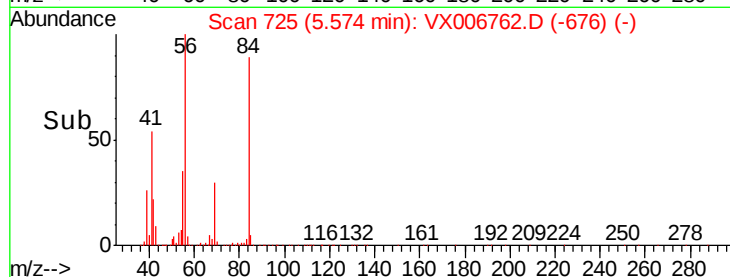
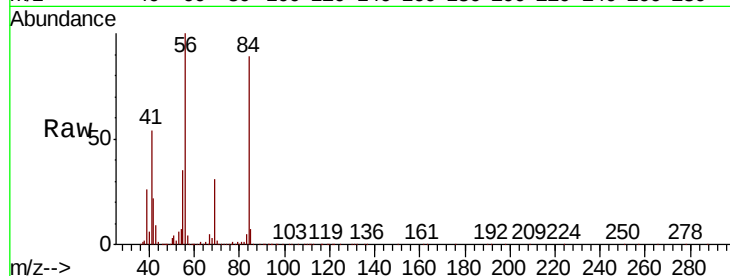
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	432815
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.4	36.6
84	87.9	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.024 ug/l

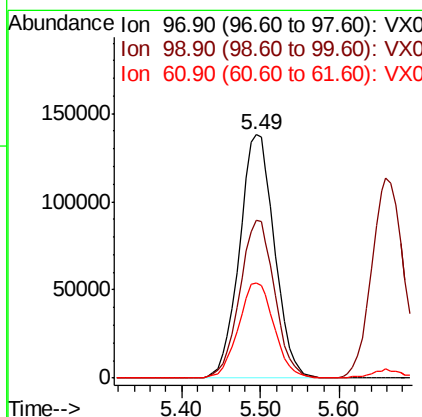
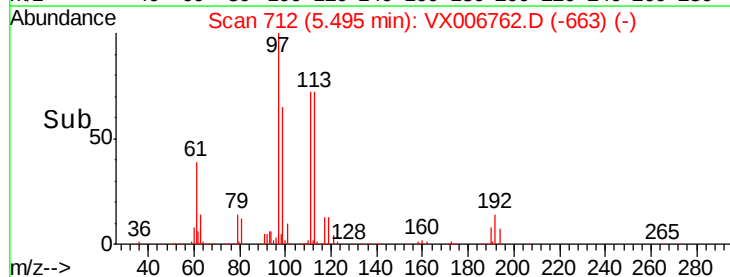
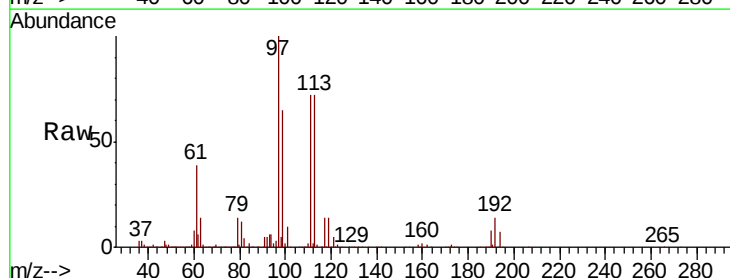
RT: 5.49 min Scan# 712

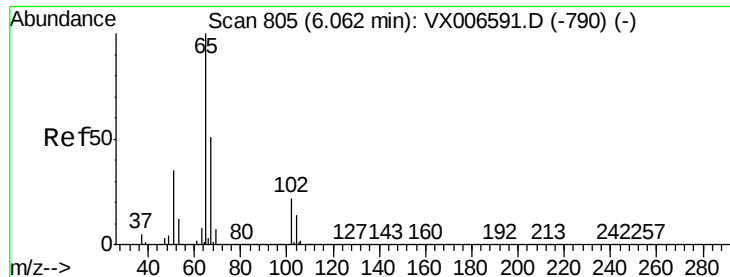
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion:	97	Resp:	424715
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	40.0	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 47.989 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 325269

Ion Ratio Lower Upper

65 100

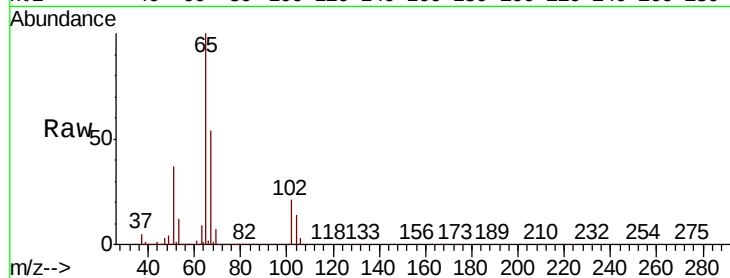
67 53.6 0.0 105.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

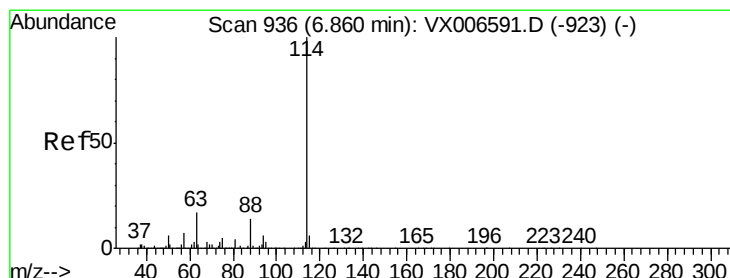
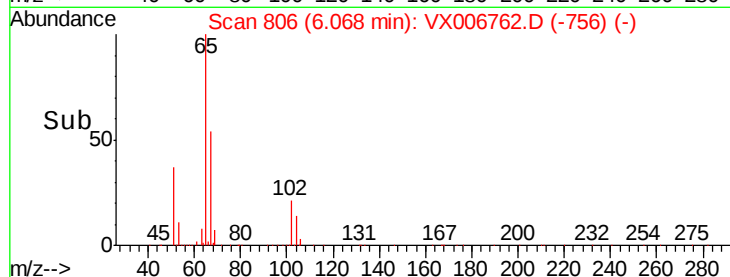
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

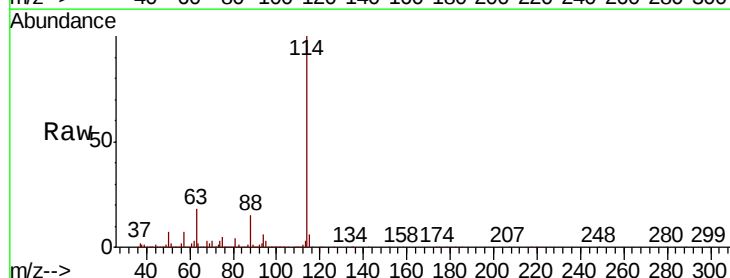
Tgt Ion: 114 Resp: 935851

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.7 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

500000

400000

300000

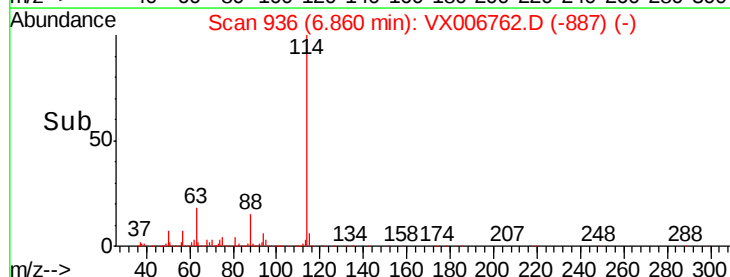
200000

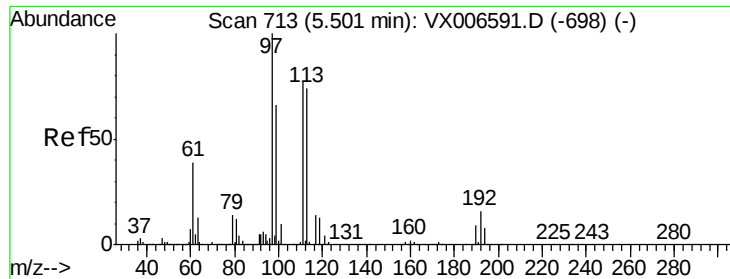
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.752 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

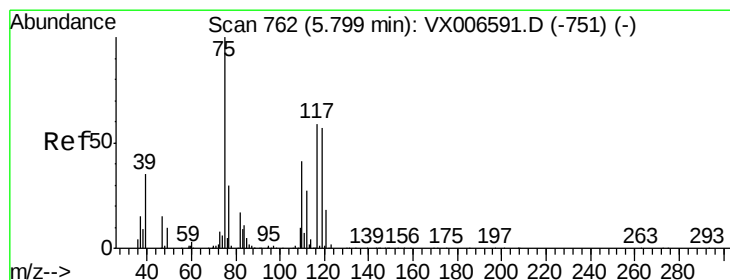
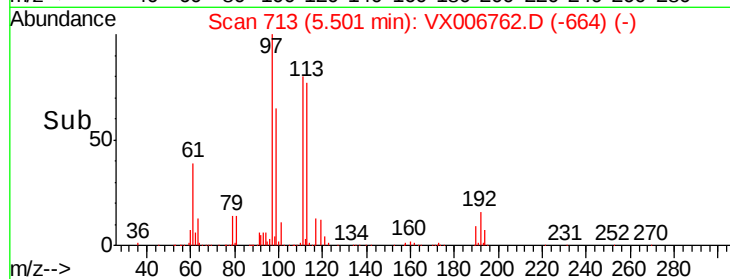
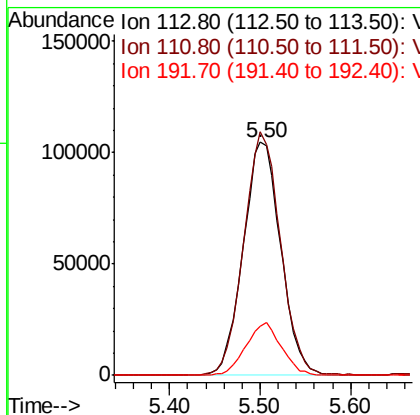
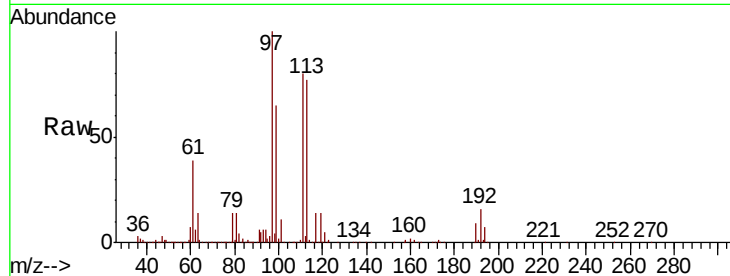
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	300359
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.6	122.4
192	21.6	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 48.426 ug/l

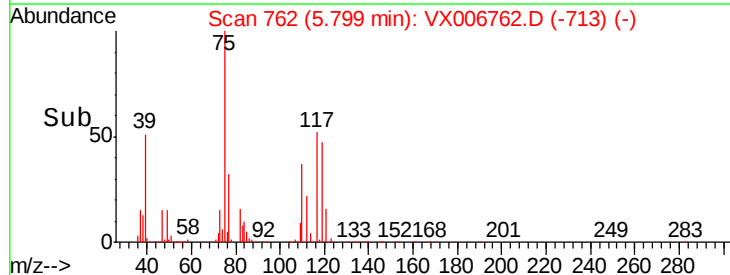
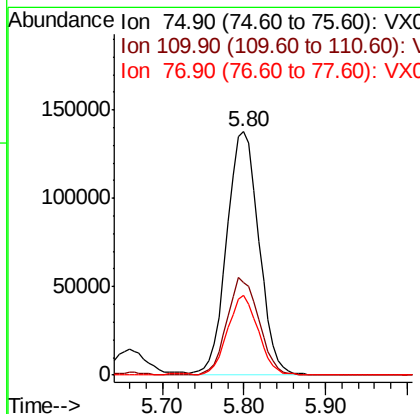
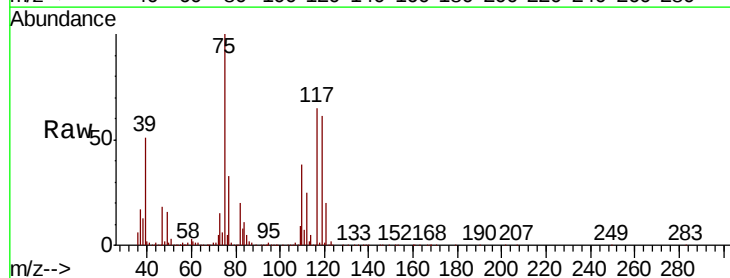
RT: 5.80 min Scan# 762

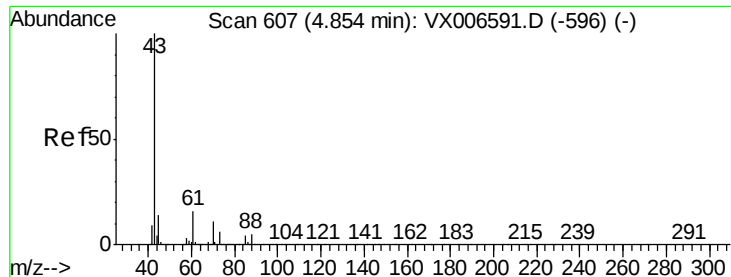
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion:	75	Resp:	375350
Ion Ratio	Lower	Upper	
75	100		
110	39.7	20.2	60.5
77	31.0	24.8	37.2





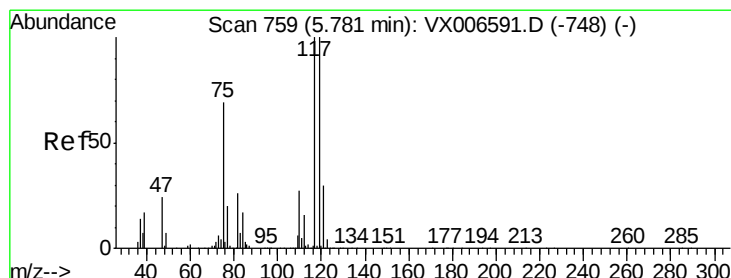
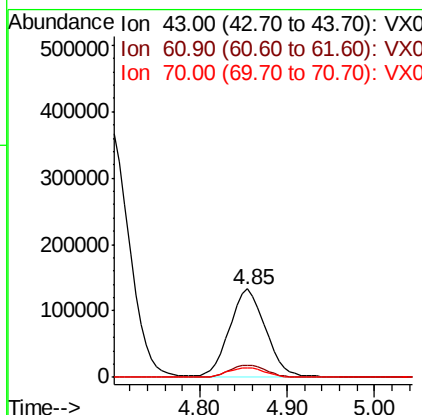
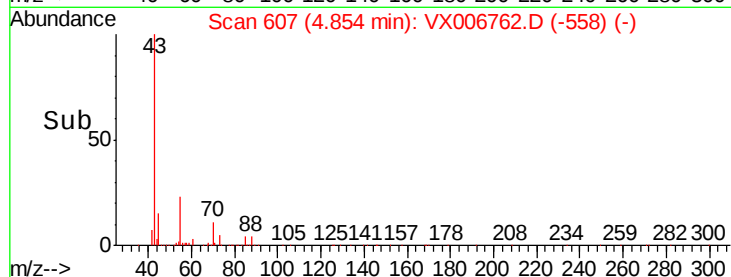
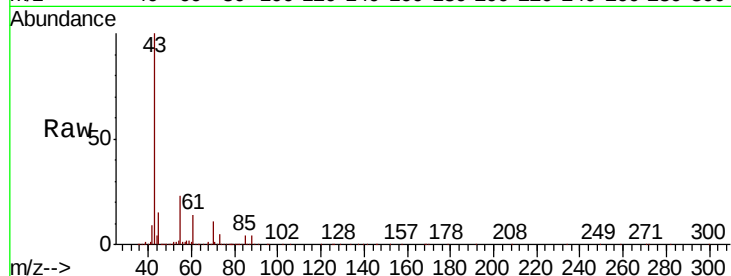
#37
Ethyl Acetate
Concen: 47.331 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion	43	Resp	381838
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.9	17.9
70	11.5	9.7	14.5

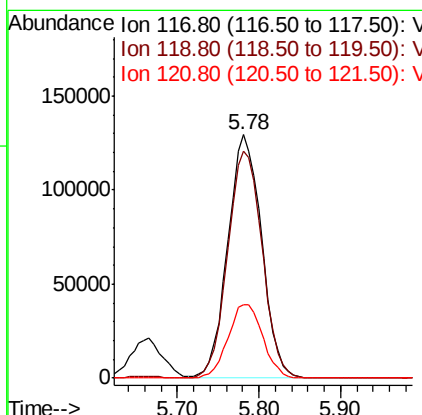
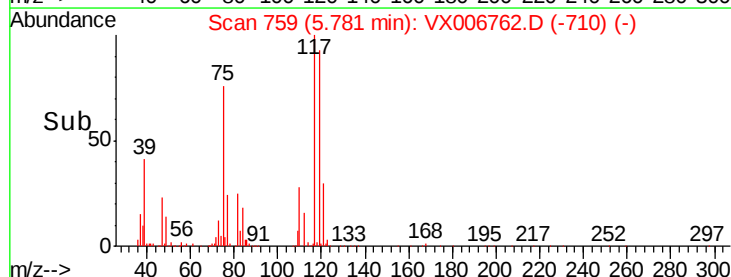
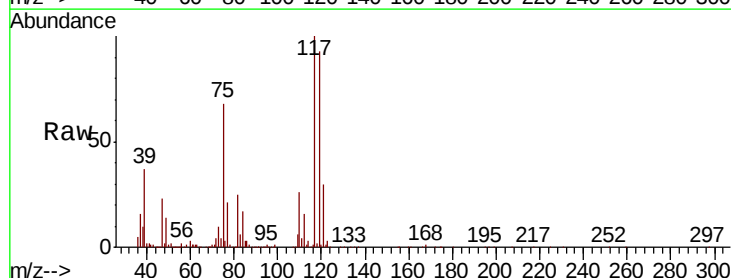
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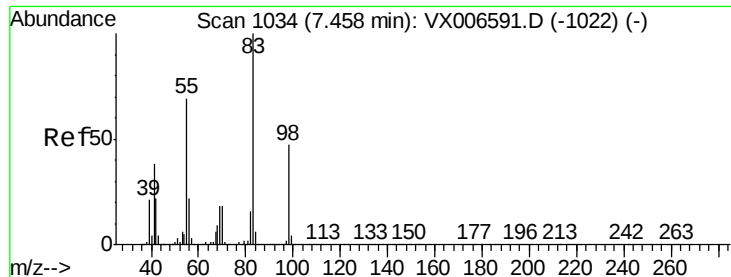
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#38
Carbon Tetrachloride
Concen: 49.079 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	117	Resp	369702
Ion Ratio	Lower	Upper	
117	100		
119	93.4	79.4	119.2
121	30.1	24.0	36.0





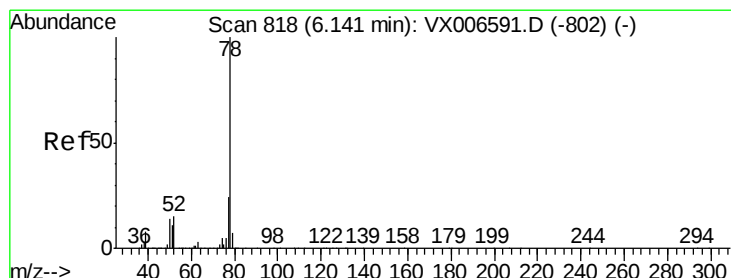
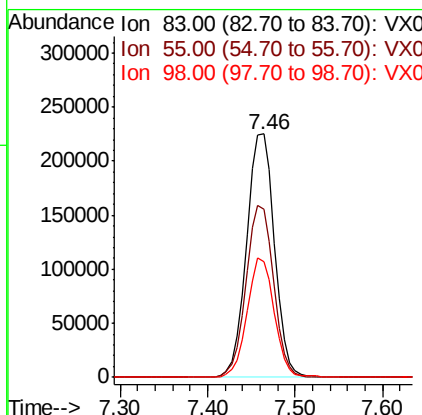
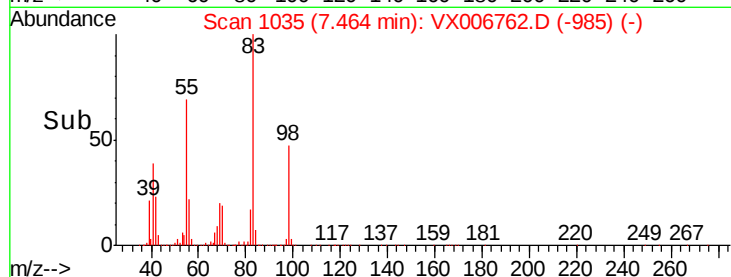
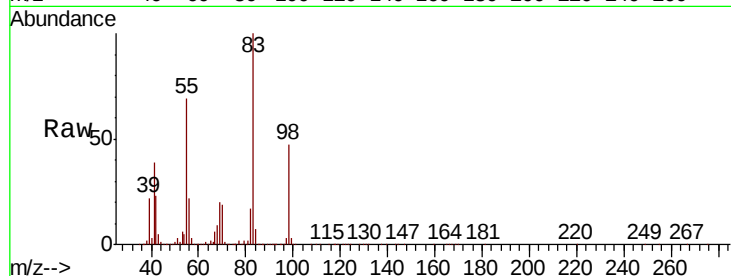
#39
Methvlcvclohexane
Concen: 48.873 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	54.9	82.3
98	47.4	37.9	56.9

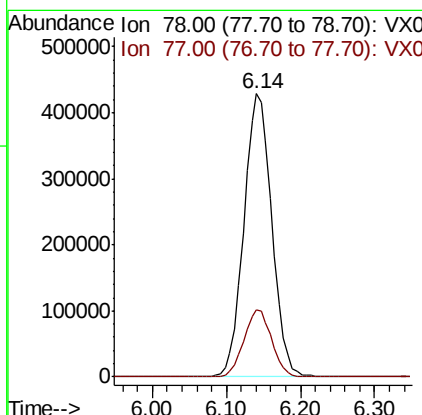
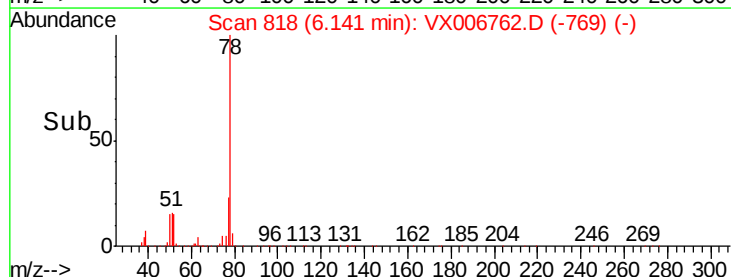
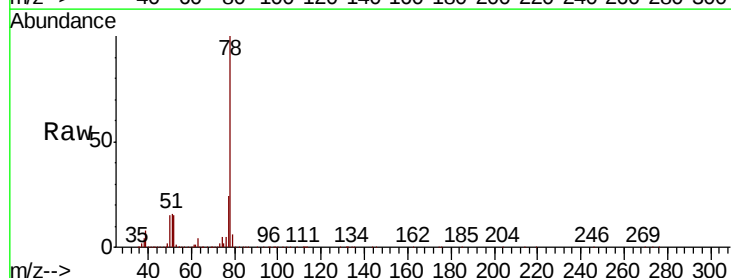
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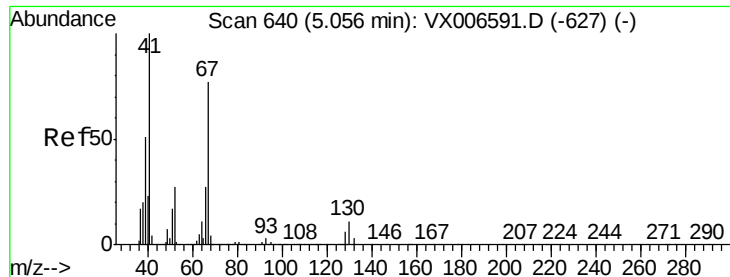
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#40
Benzene
Concen: 47.764 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





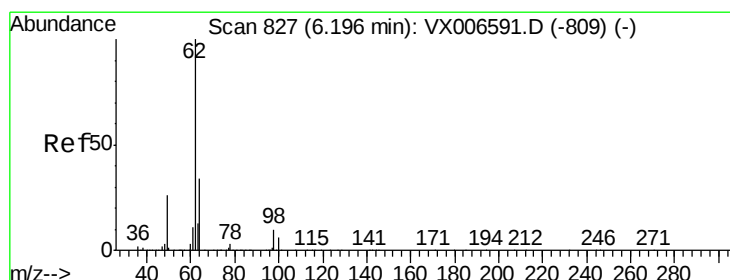
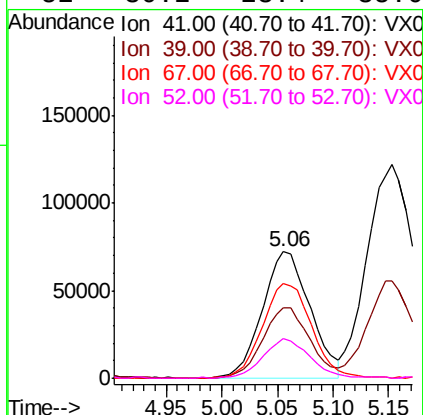
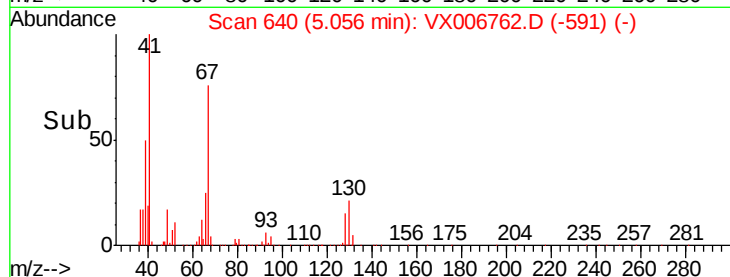
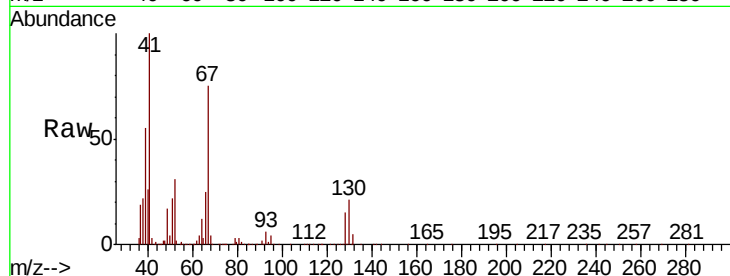
#41
Methacrylonitrile
Concen: 50.276 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		215338		
39	55.4	42.8	64.2		
67	77.1	62.1	93.1		
52	30.2	23.4	35.0		

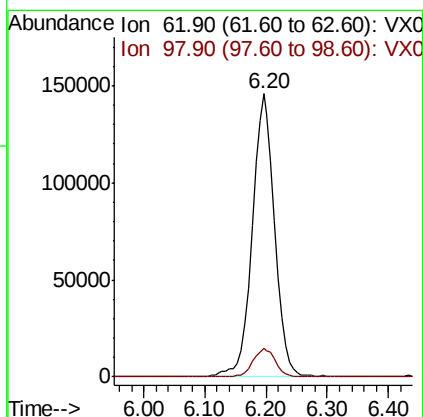
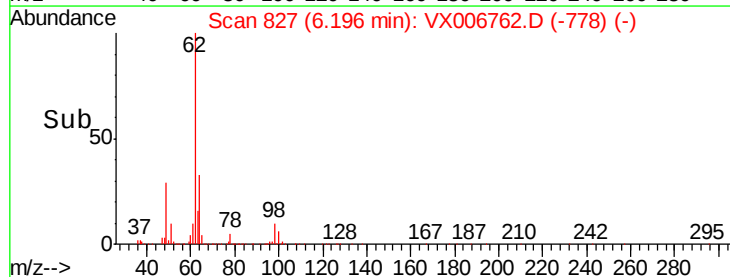
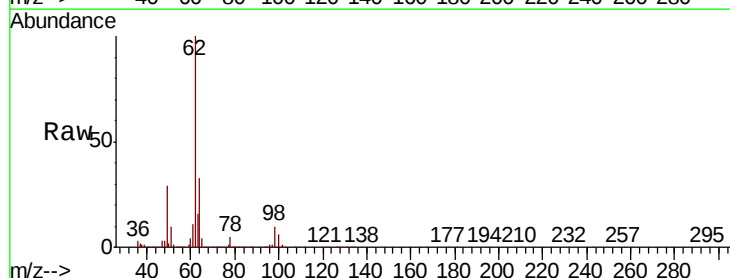
Manual Integrations
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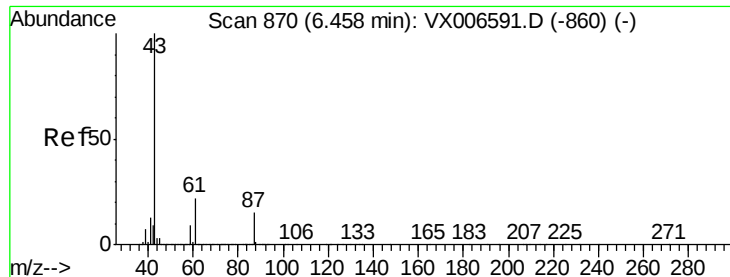
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.514 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		373434		
98	10.2	0.0	20.2		





#43

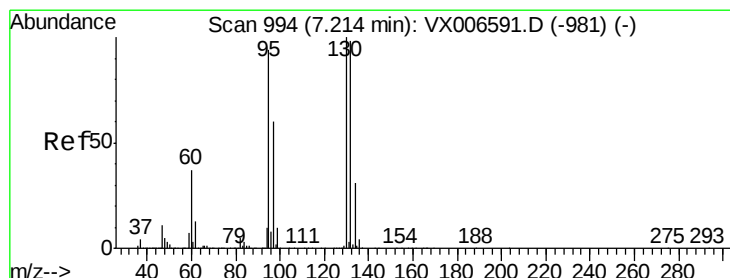
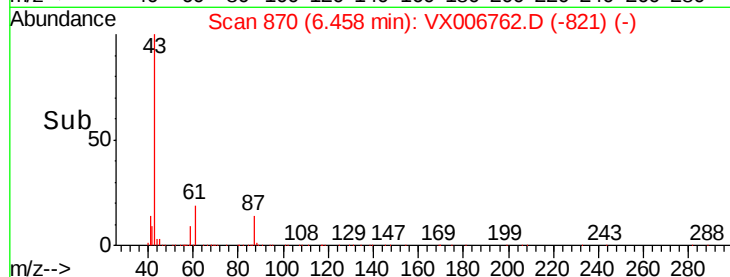
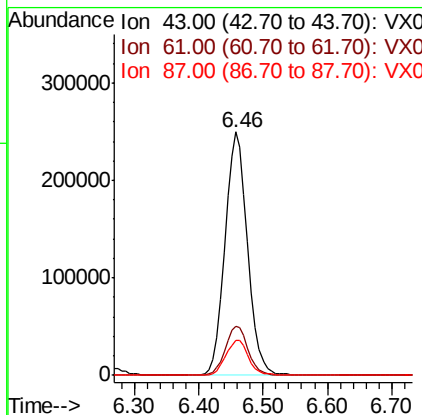
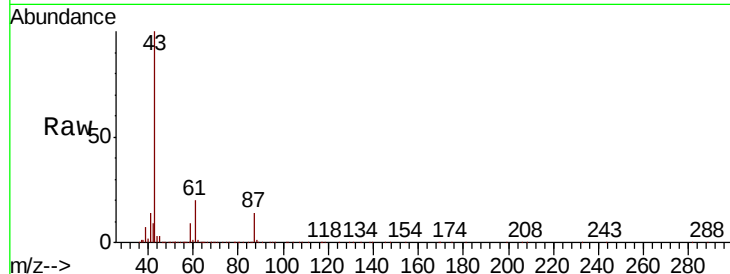
Isopropyl Acetate
 Concen: 49.919 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.7	12.4	18.6

Manual Integrations
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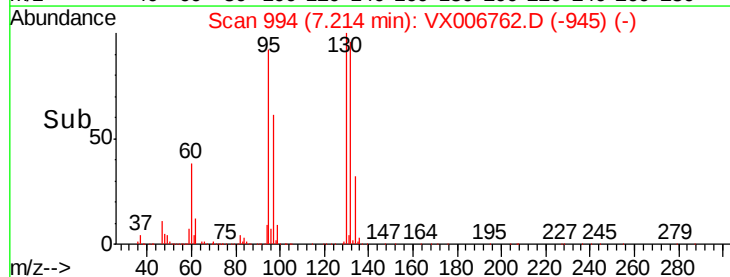
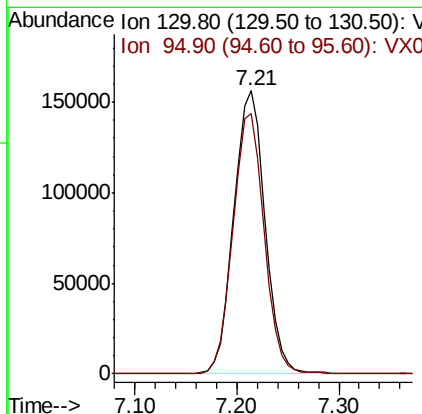
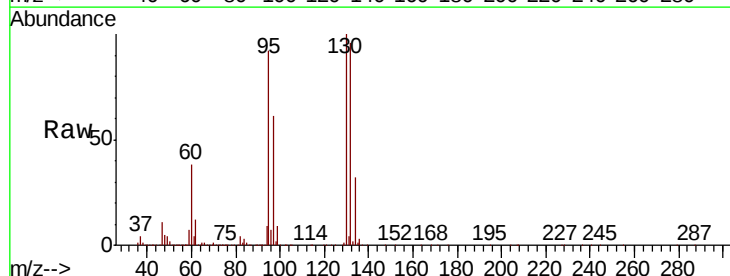
MMDadoda
 12/24/2018 11:47:30 AM



#44

Trichloroethene
 Concen: 46.512 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.455 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 283548

Ion Ratio Lower Upper

63 100

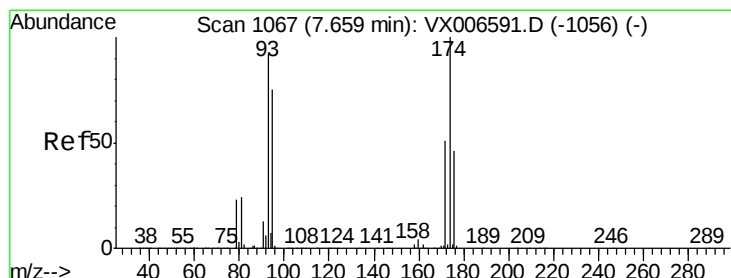
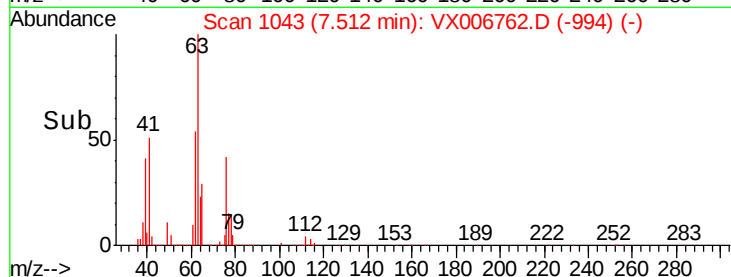
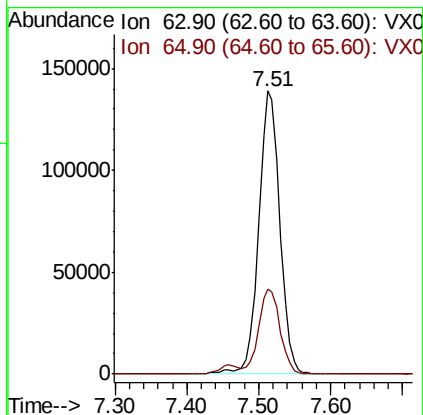
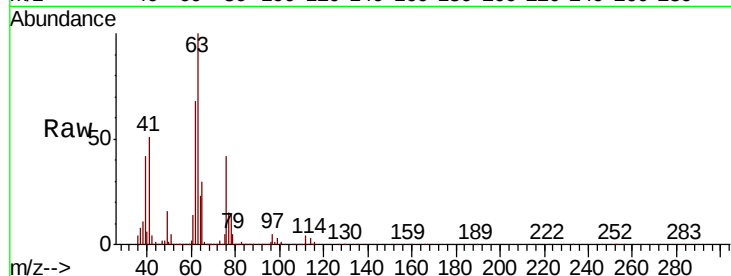
65 29.9 25.4 38.0

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#46

Dibromomethane

Concen: 47.662 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

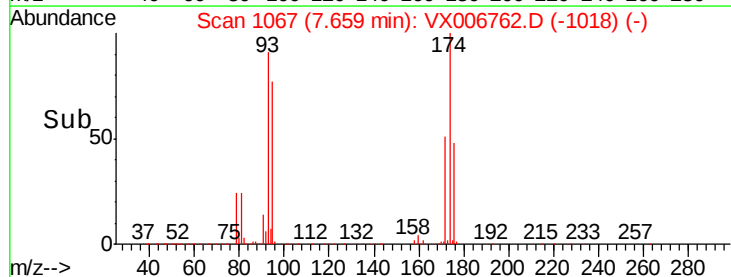
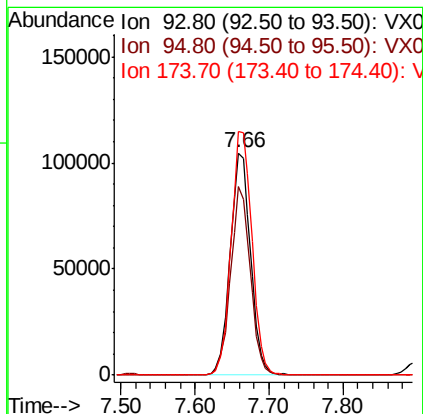
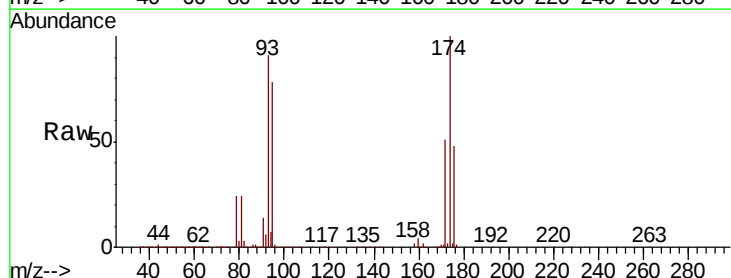
Tgt Ion: 93 Resp: 201004

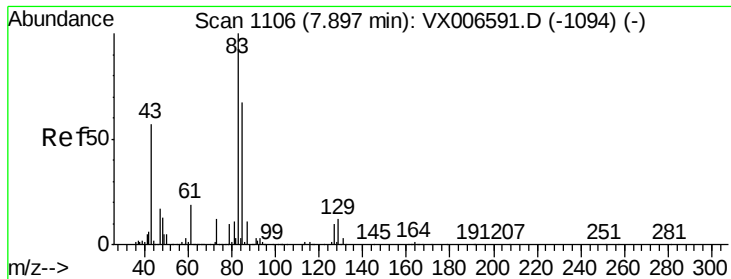
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 112.2 91.0 136.4





#47

Bromodichloromethane

Concen: 49.149 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

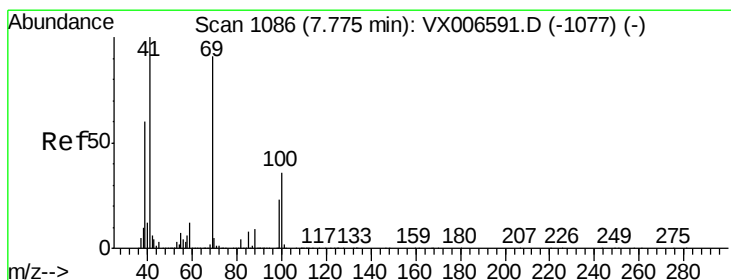
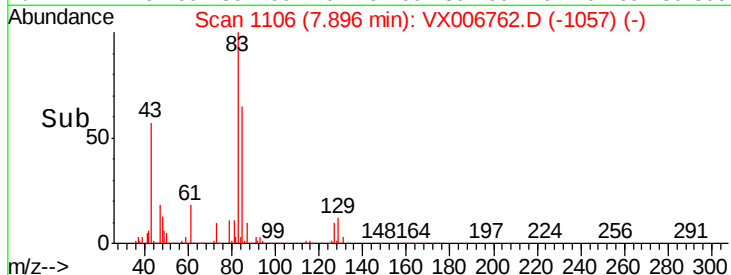
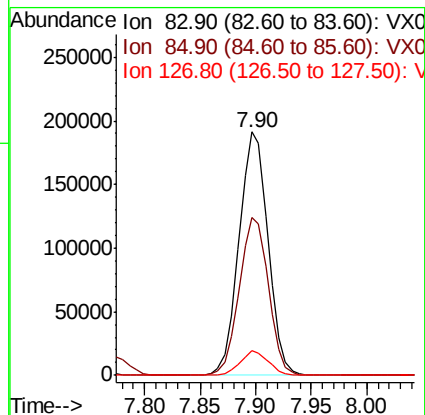
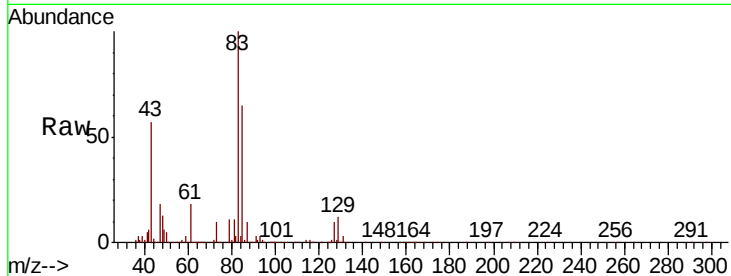
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	344118
Ion Ratio	Lower	Upper	
83	100		
85	65.0	53.2	79.8
127	9.9	7.8	11.6

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#48

Methyl methacrylate

Concen: 50.301 ug/l

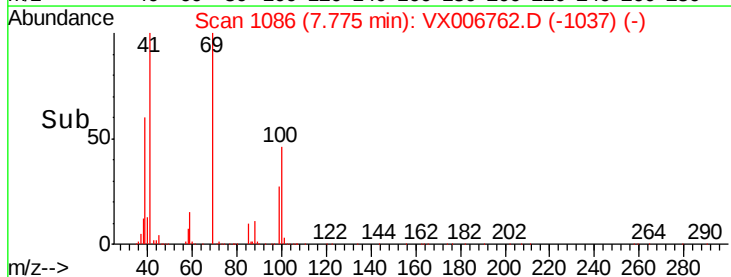
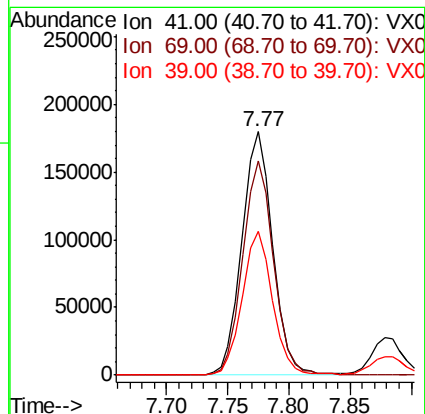
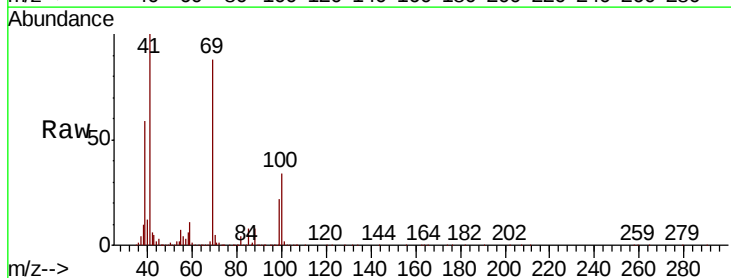
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion:	41	Resp:	313983
Ion Ratio	Lower	Upper	
41	100		
69	88.8	72.4	108.6
39	57.9	45.8	68.8





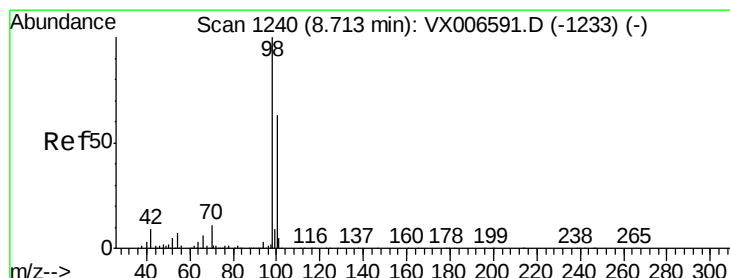
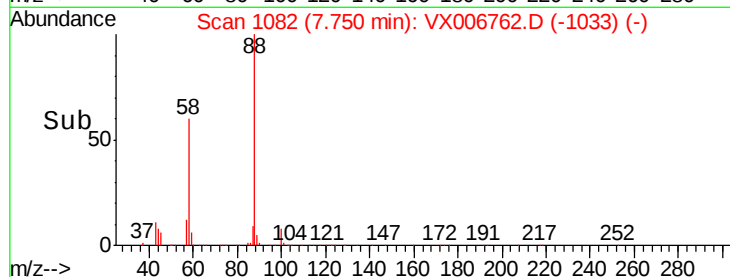
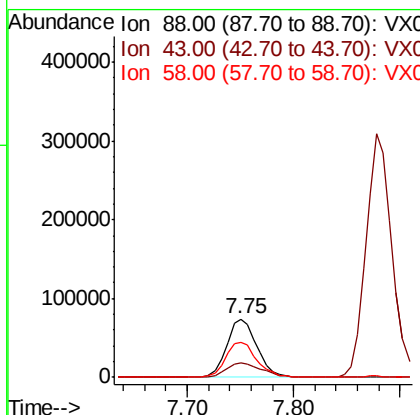
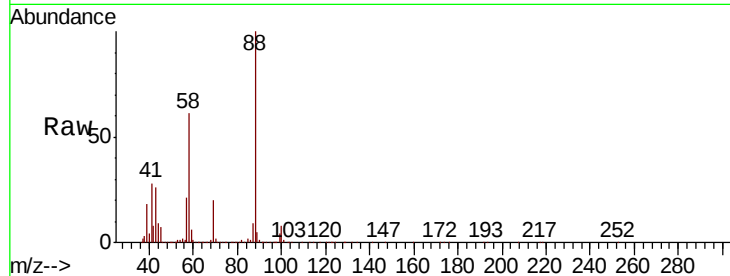
#49
1,4-Dioxane
Concen: 898.728 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	88	Resp:	147111
Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.2	33.4
58	62.5	51.0	76.4

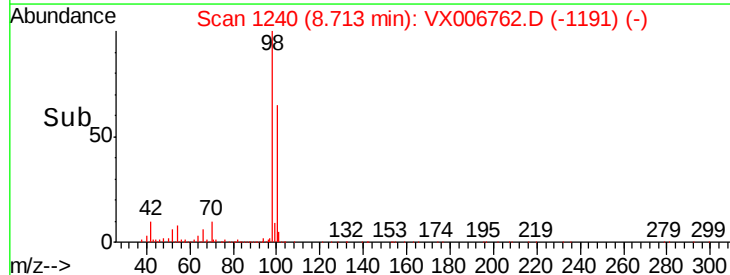
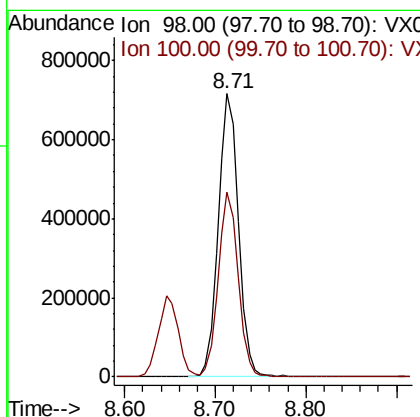
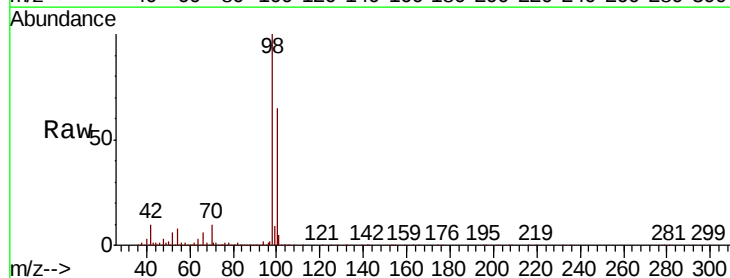
Manual Integrations
APPROVED

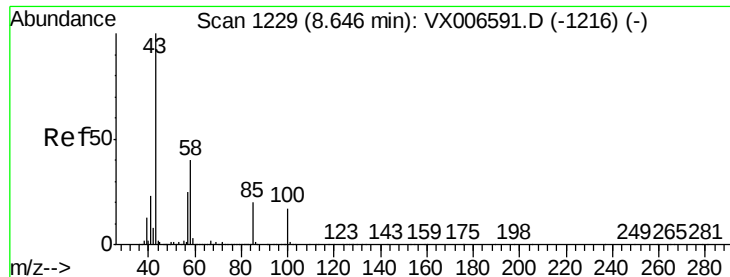
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#50
Toluene-d8
Concen: 49.972 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion:	98	Resp:	1114949
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 245.127 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1914475

Ion Ratio Lower Upper

43 100

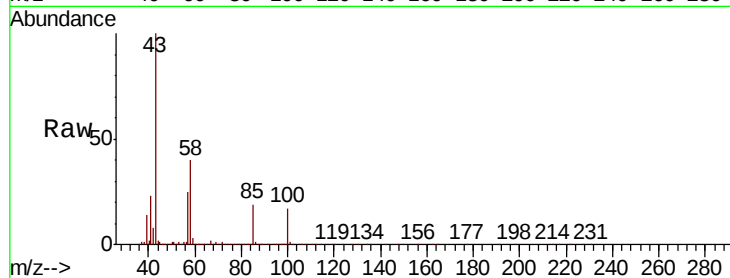
58 39.3 31.8 47.6

Manual Integrations

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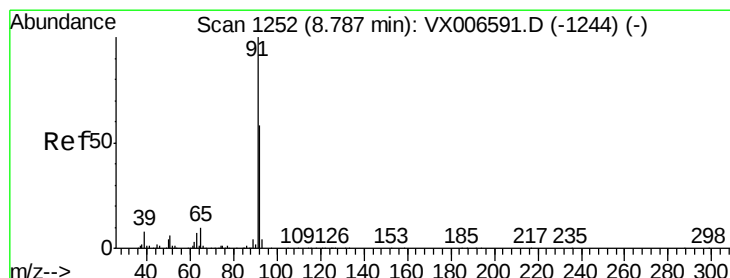
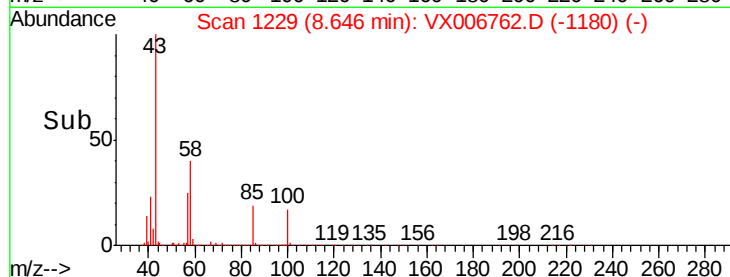
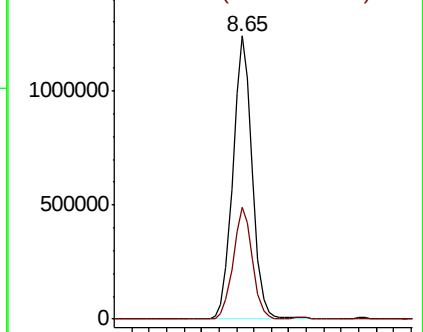
MMDadoda

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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: 47.678 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006762.D

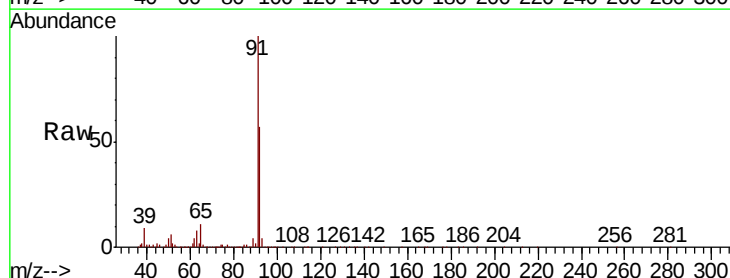
Acq: 22 Dec 2018 10:25

Tgt Ion: 92 Resp: 725711

Ion Ratio Lower Upper

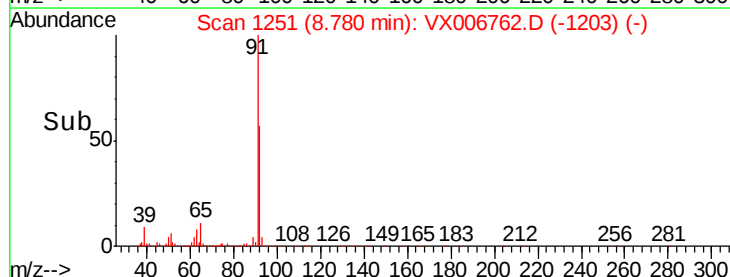
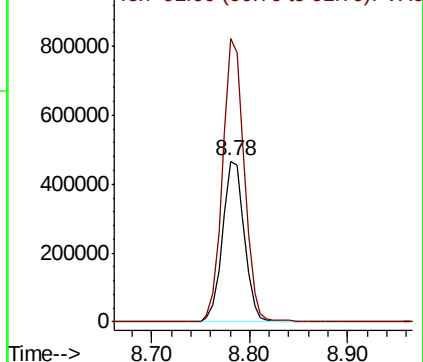
92 100

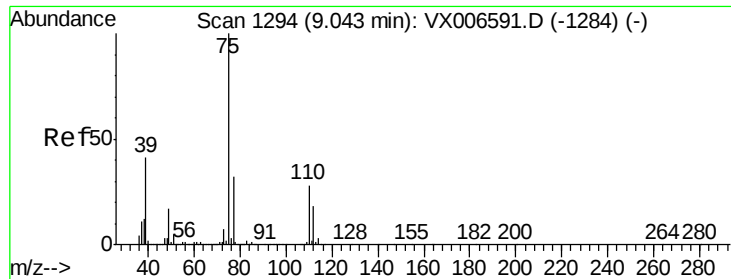
91 174.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





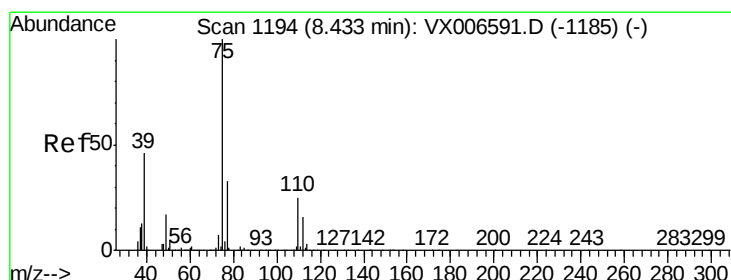
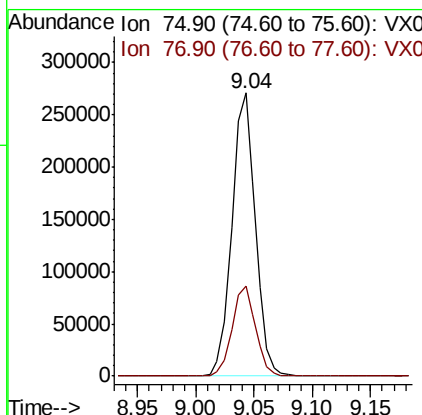
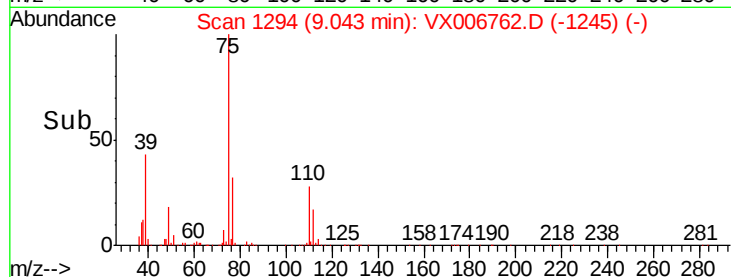
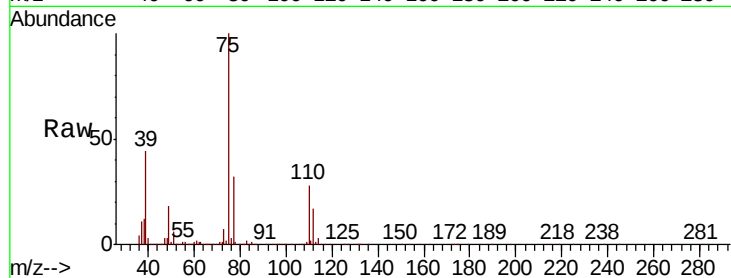
#53
t-1,3-Dichloropropene
Concen: 50.586 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0

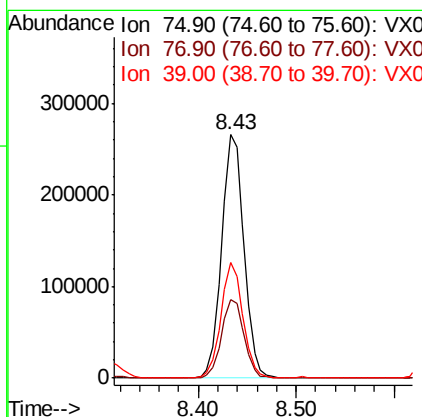
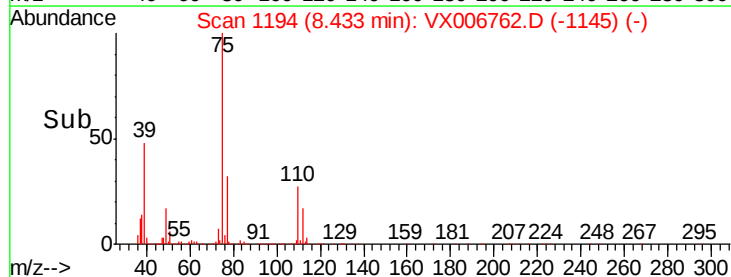
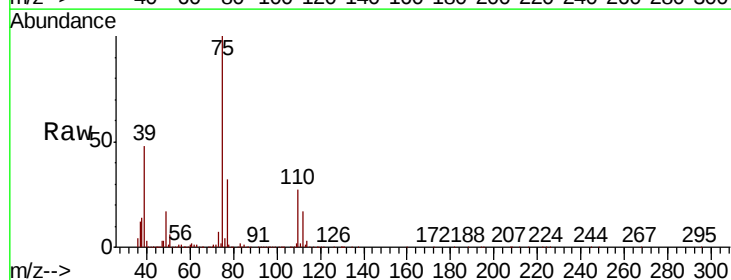
Manual Integrations
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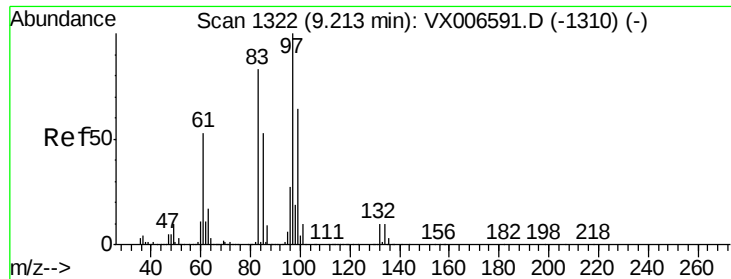
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#54
cis-1,3-Dichloropropene
Concen: 51.134 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.2
39	47.6	36.7	55.1





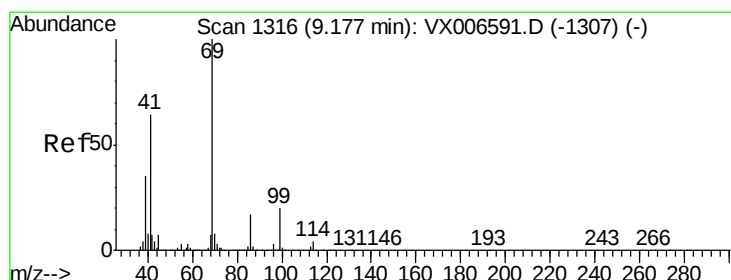
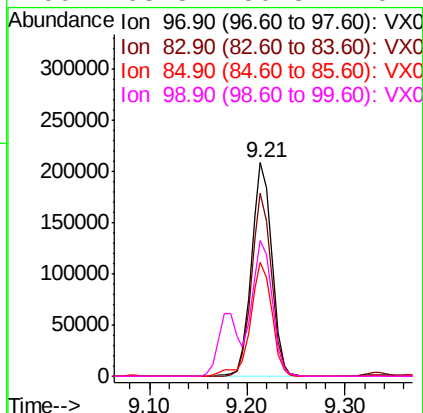
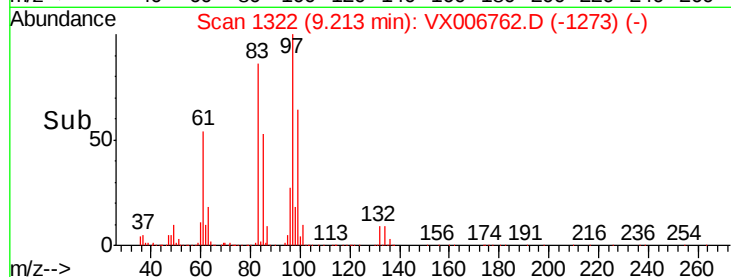
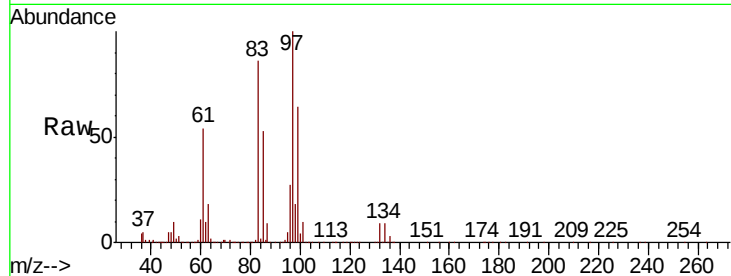
#55
 1,1,2-Trichloroethane
 Concen: 48.452 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	301871
Ion Ratio	Lower	Upper	
97	100		
83	85.6	66.6	99.8
85	53.4	42.7	64.1
99	63.8	50.8	76.2

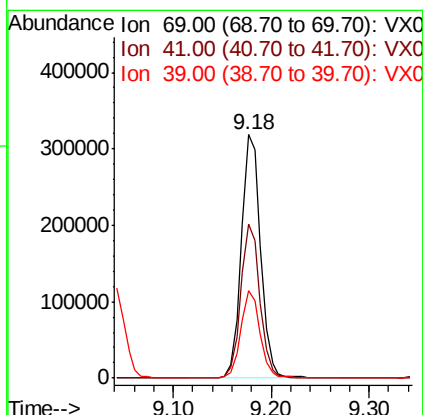
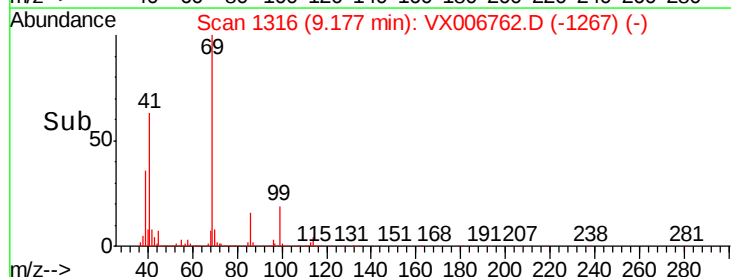
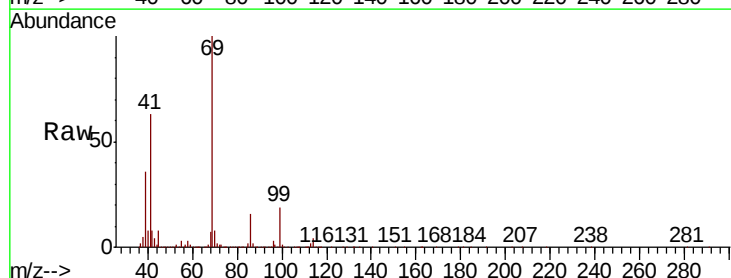
Manual Integrations
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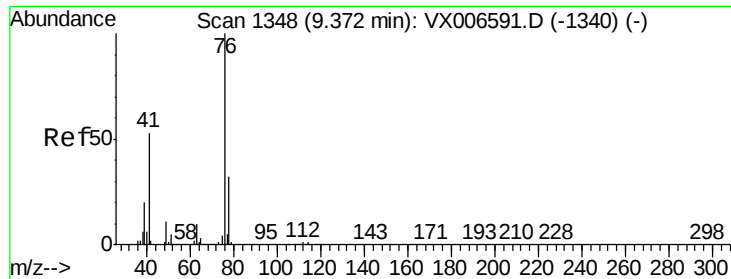
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#56
 Ethyl methacrylate
 Concen: 49.494 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion:	69	Resp:	435830
Ion Ratio	Lower	Upper	
69	100		
41	62.6	48.7	73.1
39	35.6	27.0	40.6





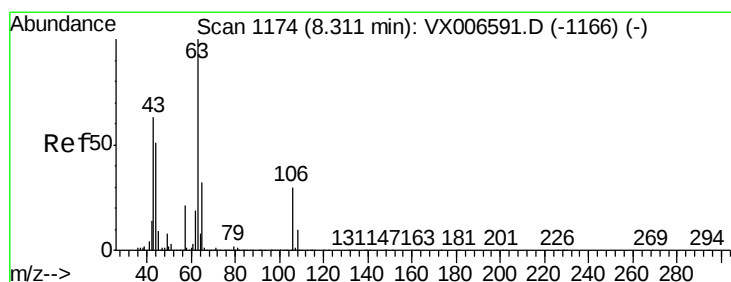
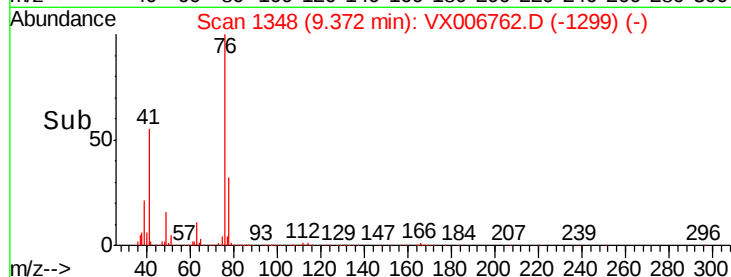
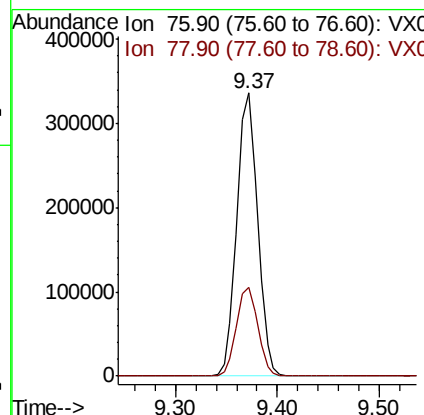
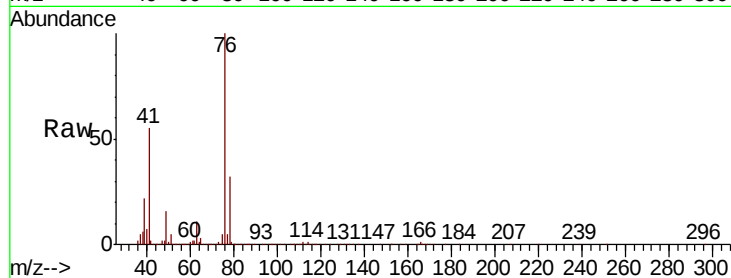
#57
 1,3-Dichloropropane
 Concen: 47.195 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0

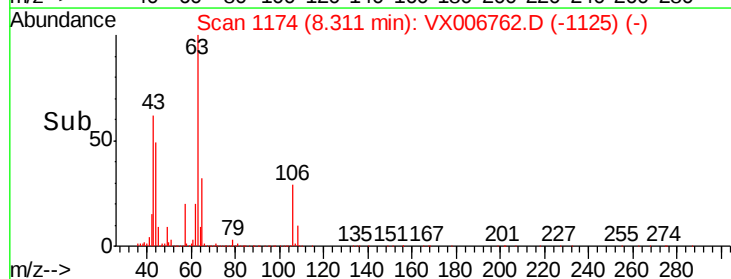
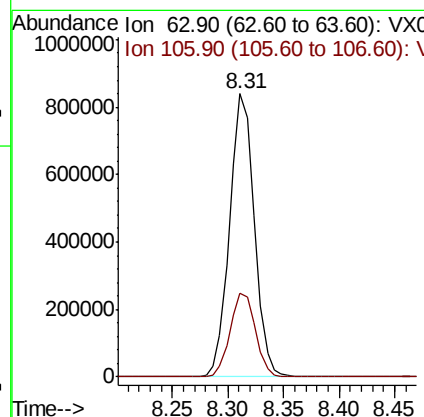
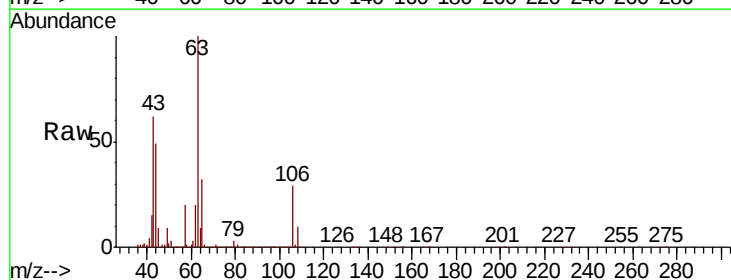
Manual Integrations
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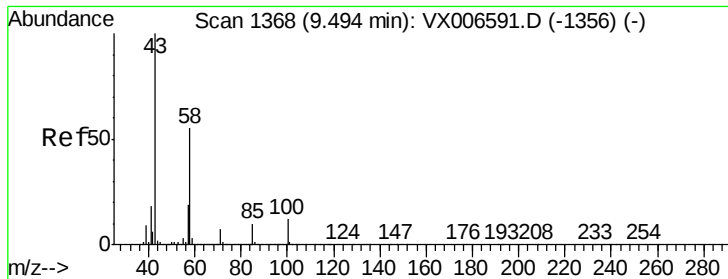
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#58
 2-Chloroethyl Vinyl ether
 Concen: 275.778 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.4	24.6	36.8





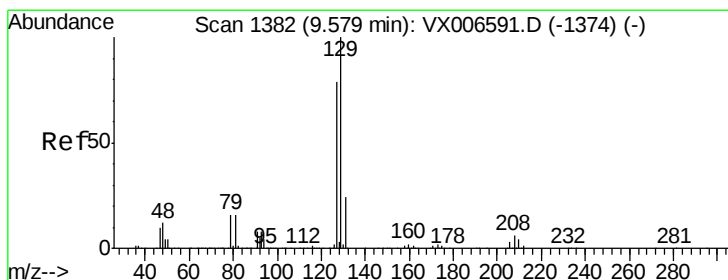
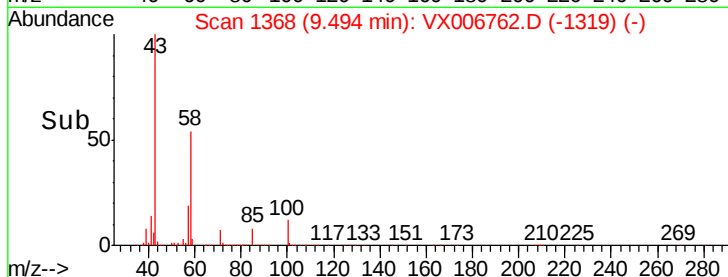
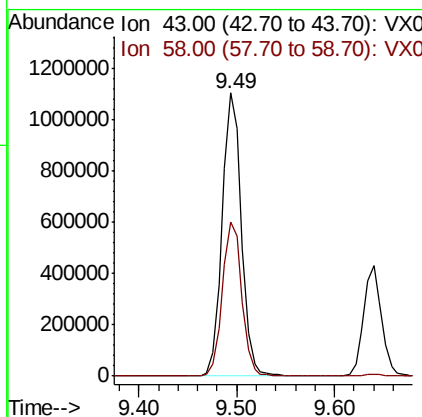
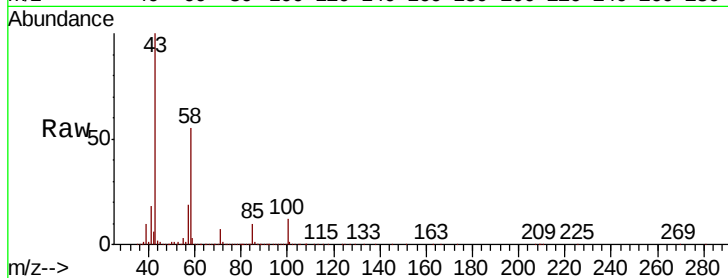
#59
2-Hexanone
Concen: 252.405 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1508293
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

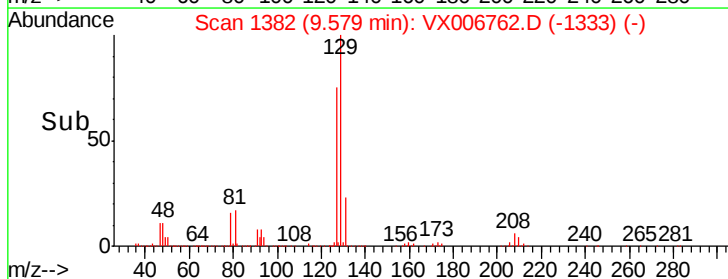
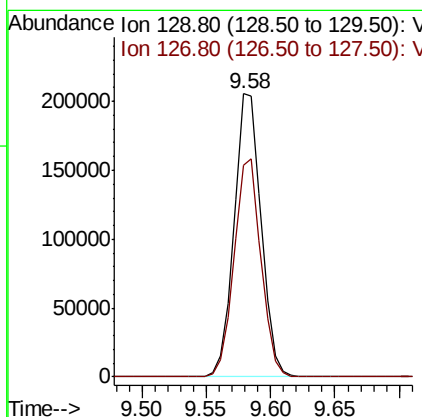
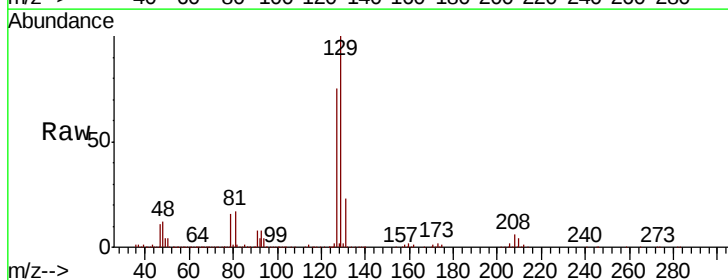
Manual Integrations
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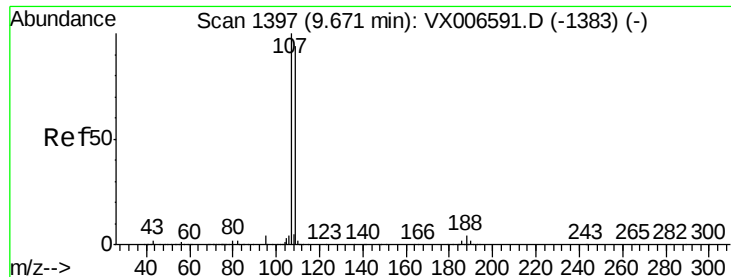
MMDadoda
12/24/2018 11:47:30 AM



#60
Dibromochloromethane
Concen: 46.305 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion: 129 Resp: 300556
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8





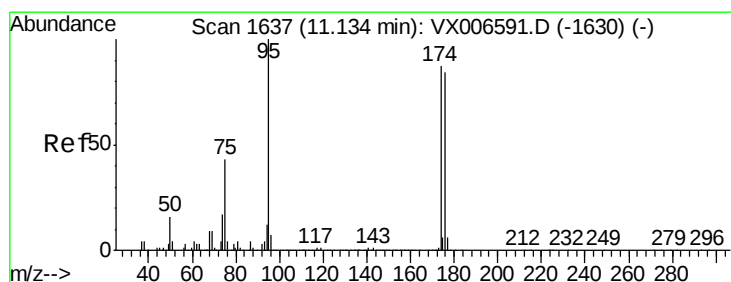
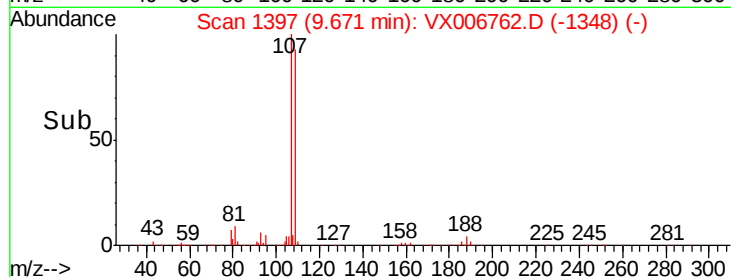
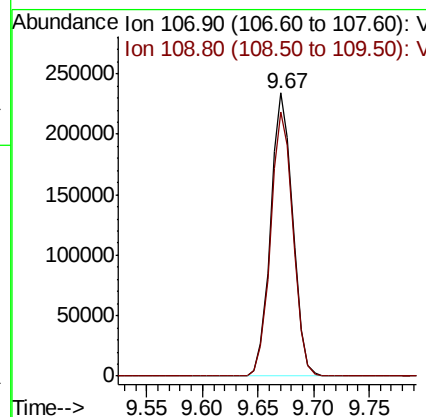
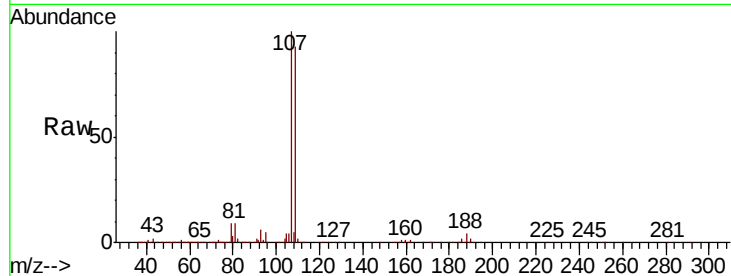
#61
 1,2-Dibromoethane
 Concen: 49.307 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.6

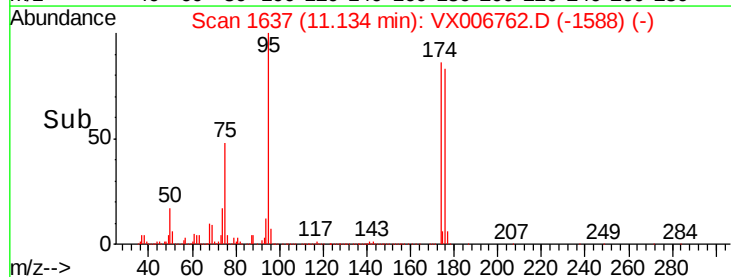
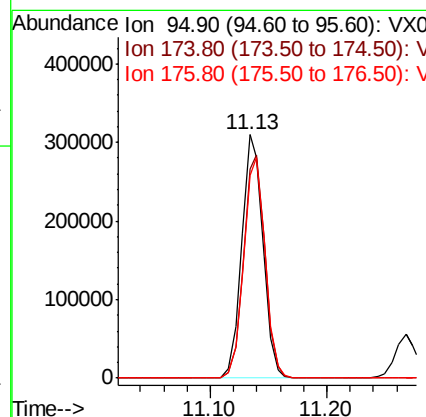
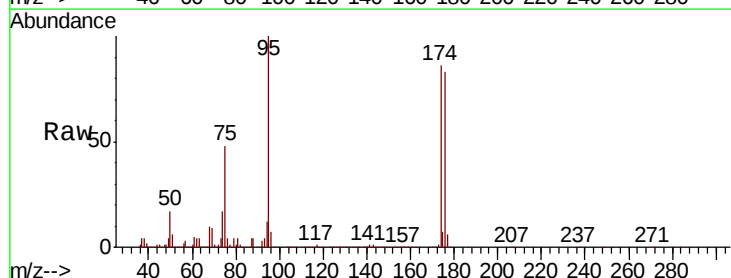
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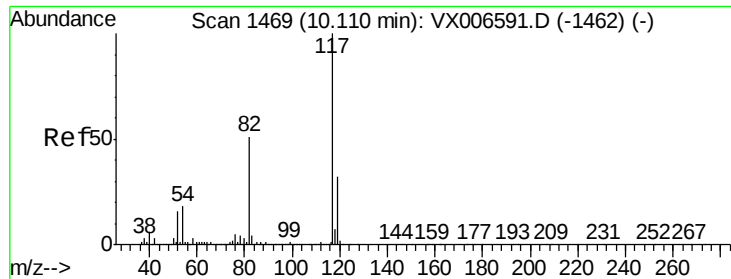
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#62
 4-Bromofluorobenzene
 Concen: 48.219 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	182.2
176	90.9	0.0	178.8





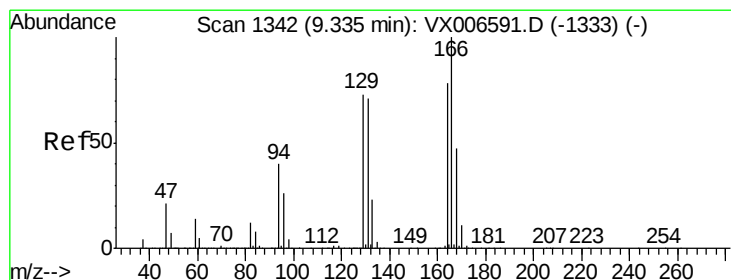
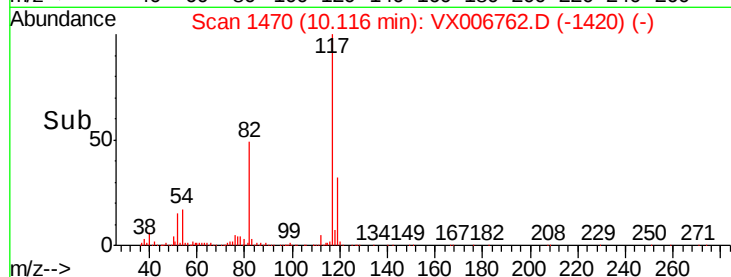
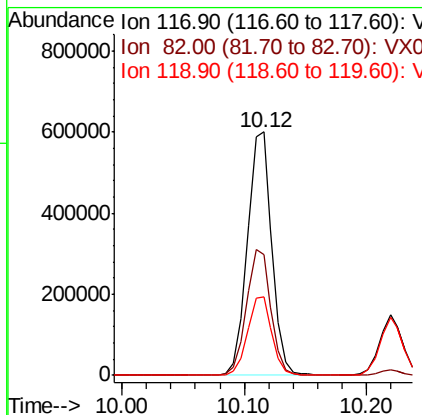
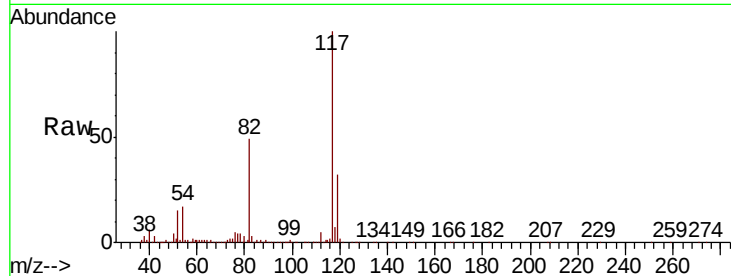
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	834712		
82	49.4		41.0	61.6
119	32.2		25.4	38.0

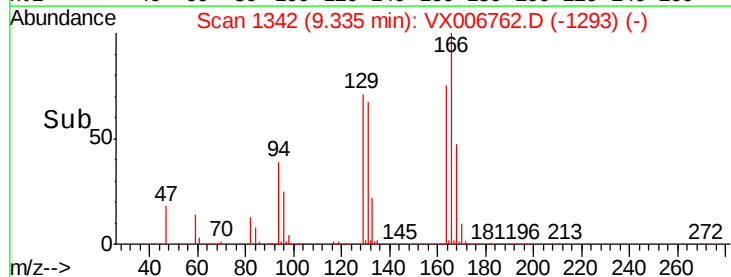
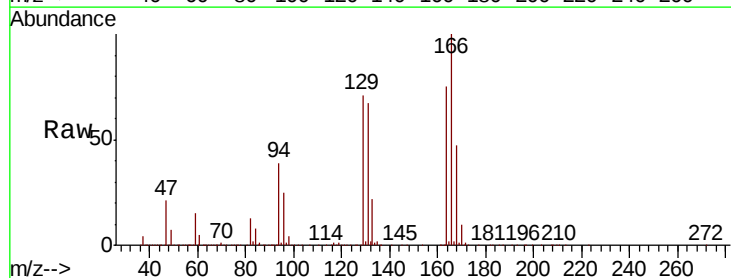
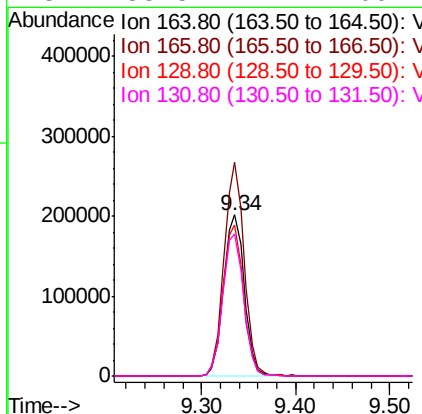
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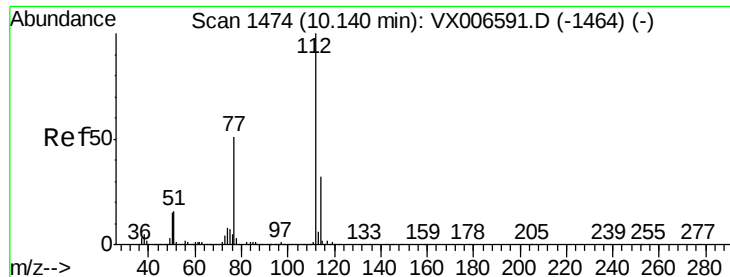
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#64
Tetrachloroethene
Concen: 46.637 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	308252		
166	132.5		102.5	153.7
129	94.1		75.1	112.7
131	88.5		72.7	109.1





#65

Chlorobenzene

Concen: 47.784 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 843814

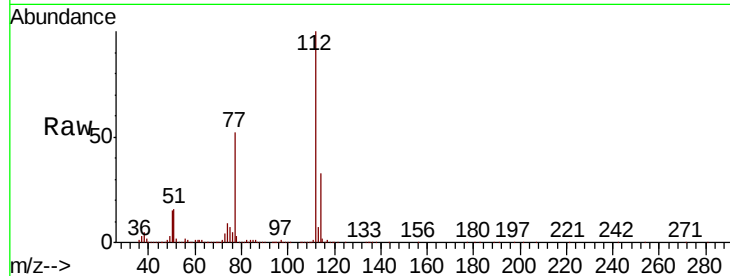
Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5

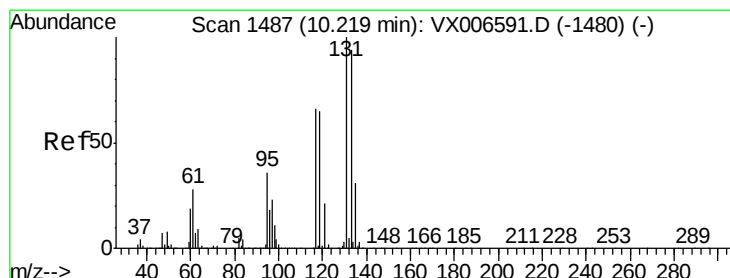
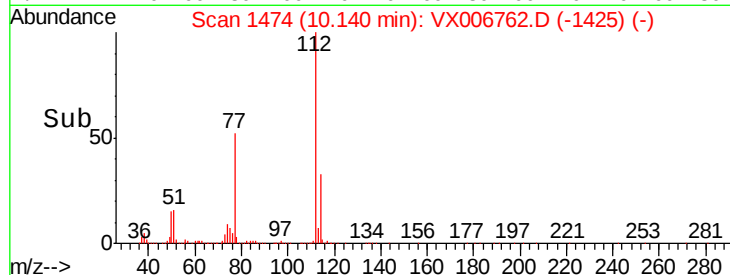
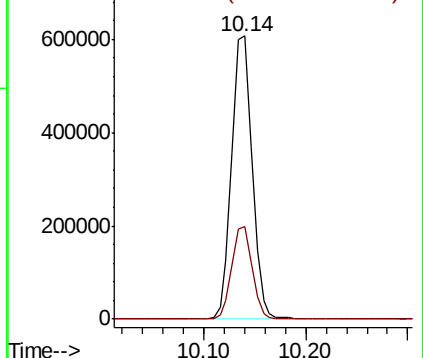
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.335 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

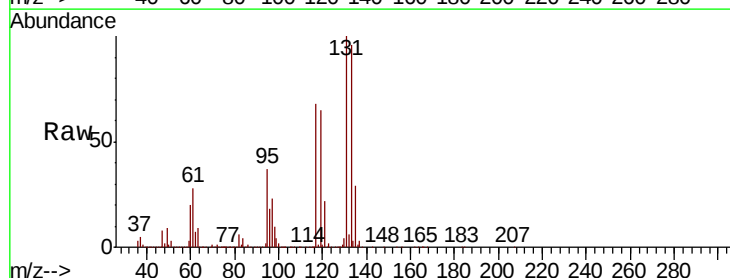
Tgt Ion:131 Resp: 288342

Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.2

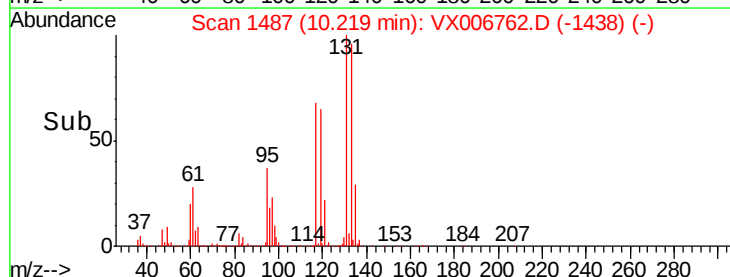
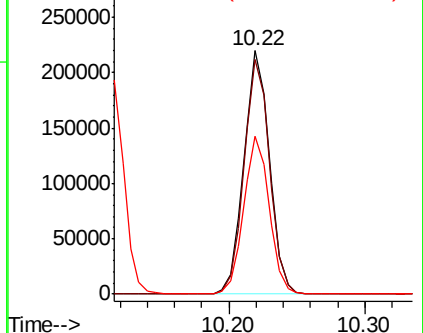
119 64.7 32.6 97.8

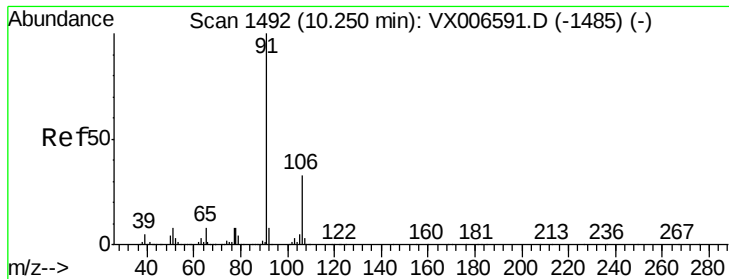


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.751 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1406777

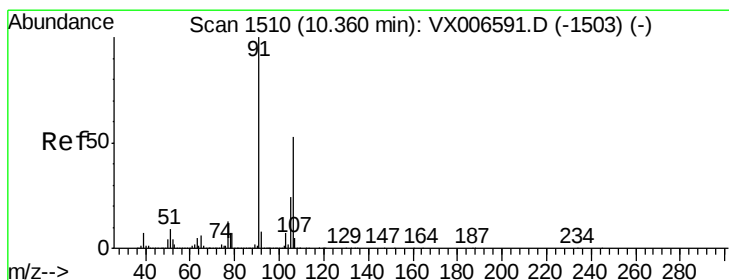
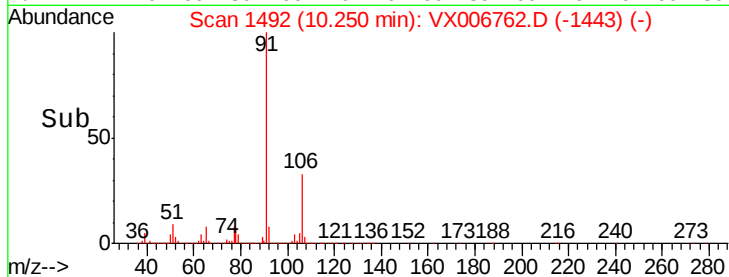
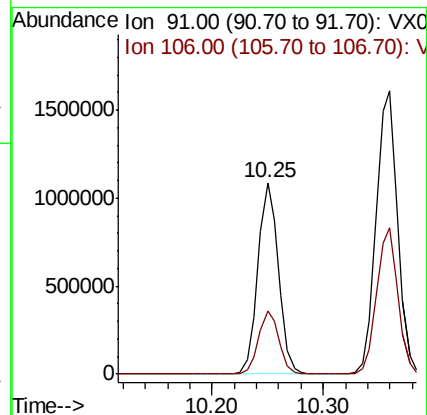
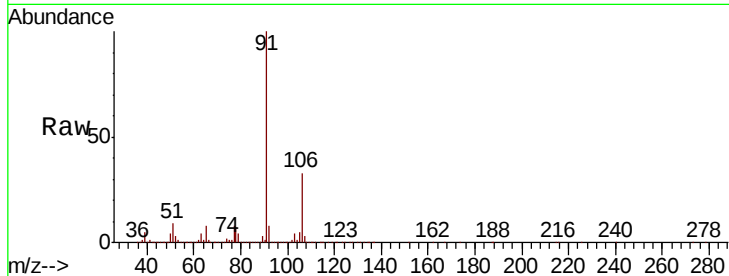
Ion Ratio Lower Upper

91 100

106 33.1 26.4 39.6

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#68

m/p-Xylenes

Concen: 96.976 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006762.D

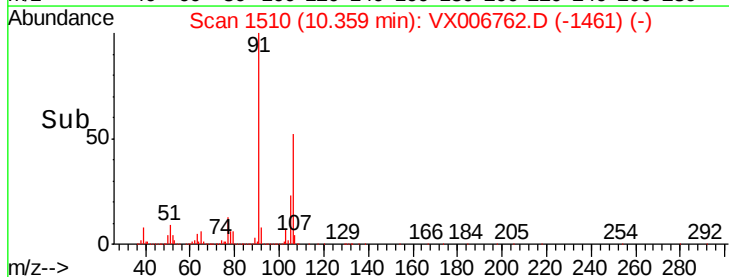
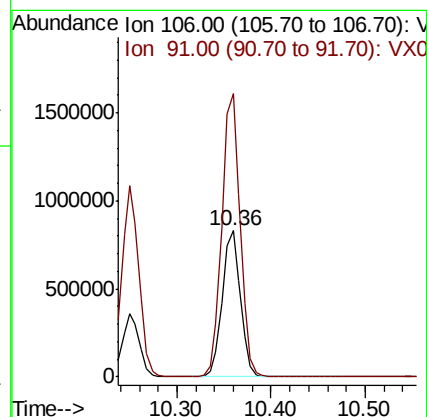
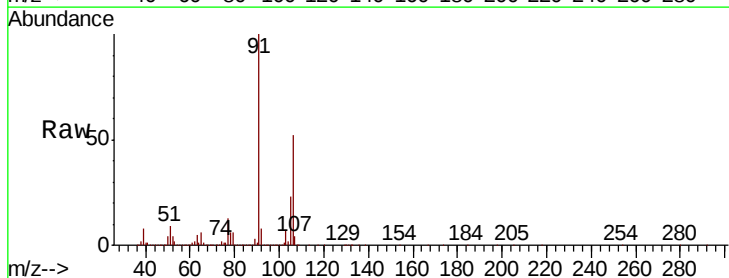
Acq: 22 Dec 2018 10:25

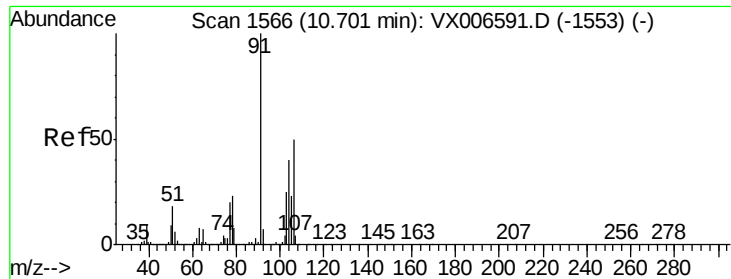
Tgt Ion: 106 Resp: 1104217

Ion Ratio Lower Upper

106 100

91 196.5 155.8 233.6





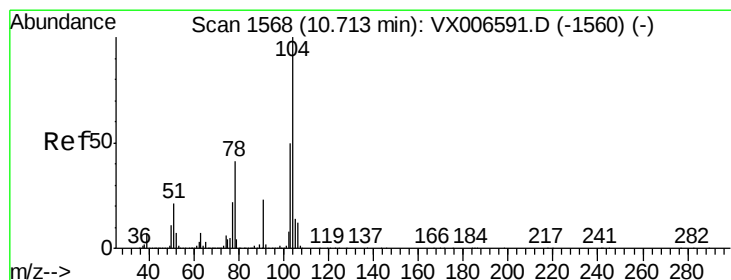
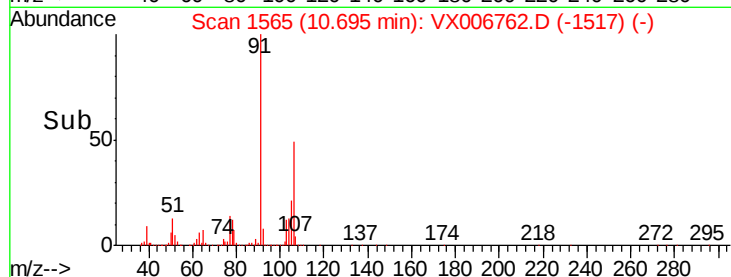
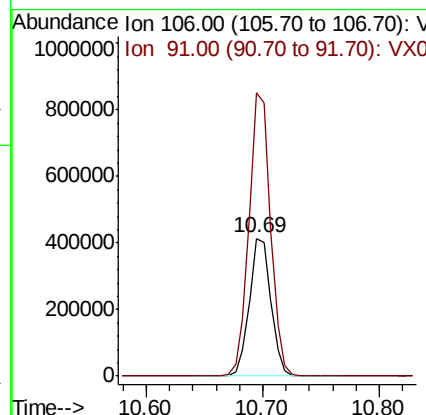
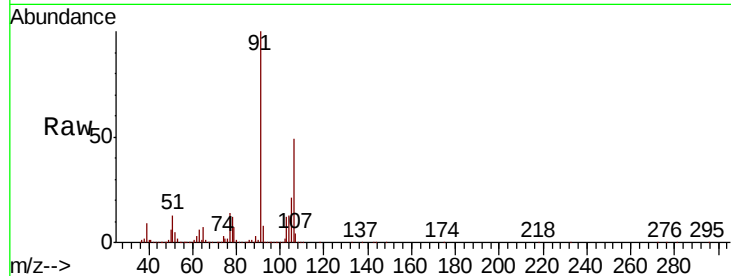
#69
o-Xylene
Concen: 48.052 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.8	101.3	303.7

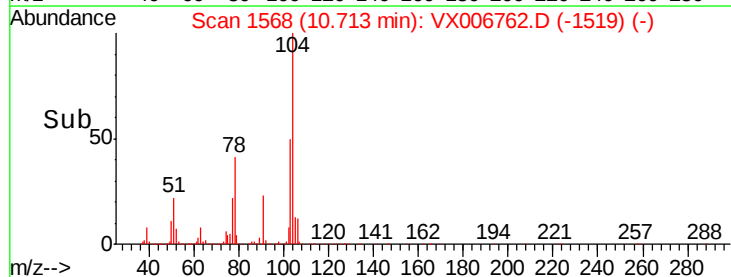
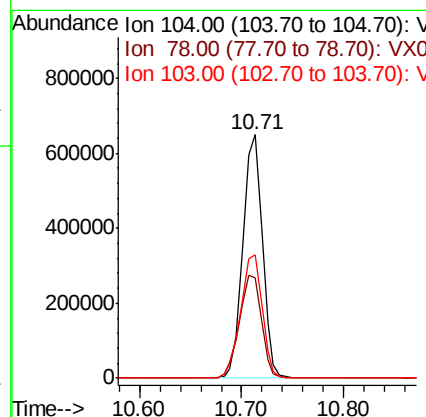
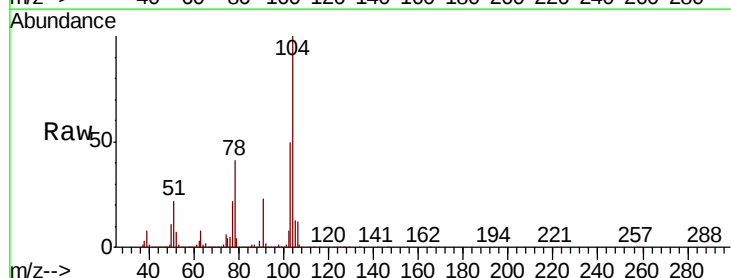
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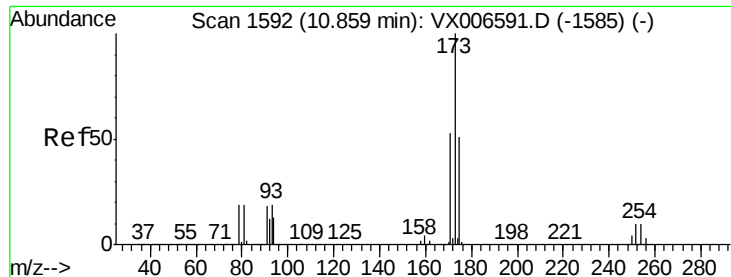
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#70
Styrene
Concen: 48.166 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.7	56.5
103	56.1	43.8	65.8





#71

Bromoform

Concen: 42.991 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

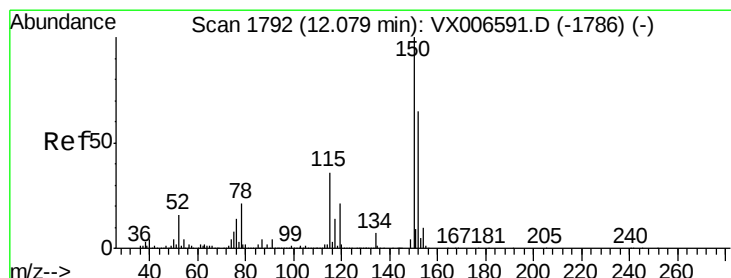
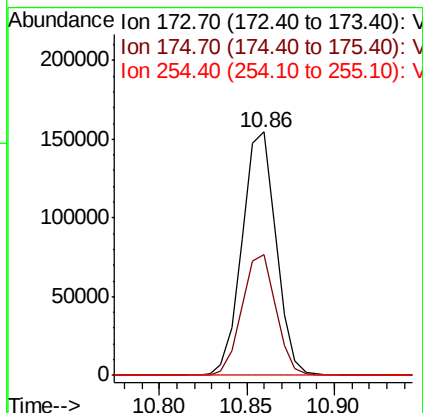
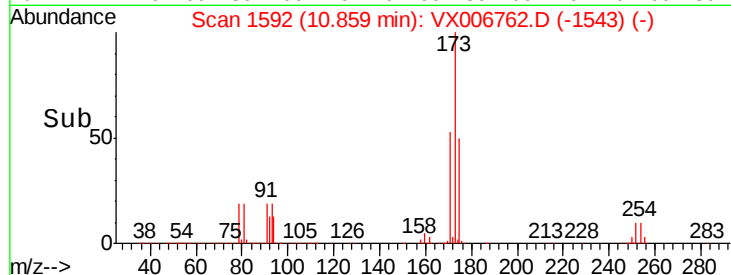
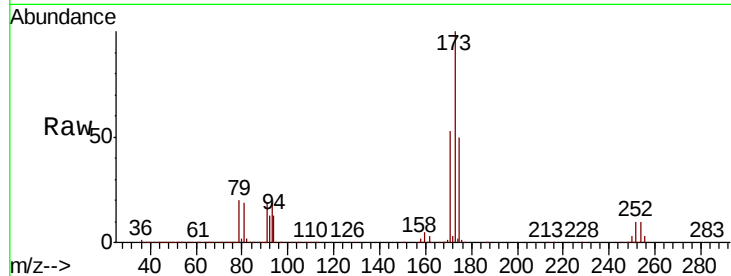
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	210241
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

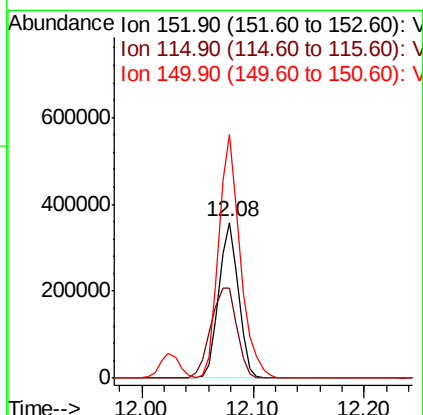
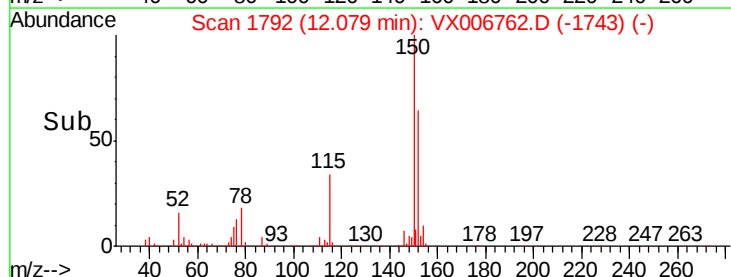
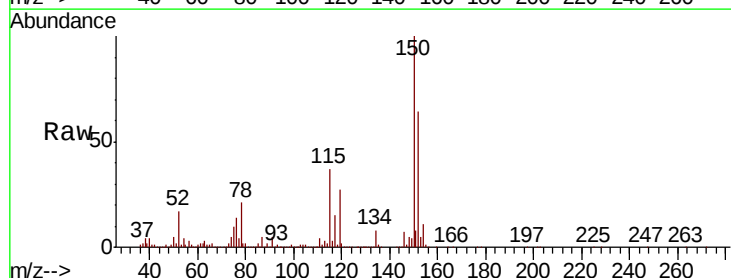
RT: 12.08 min Scan# 1792

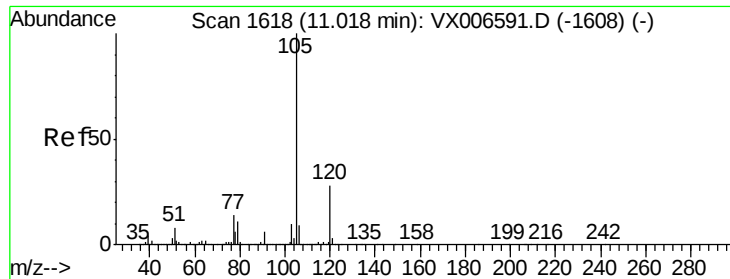
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion:	152	Resp:	436244
Ion Ratio	Lower	Upper	
152	100		
115	77.4	39.1	117.2
150	171.9	0.0	344.8





#73

Isopropylbenzene

Concen: 48.623 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1451126

Ion Ratio Lower Upper

105 100

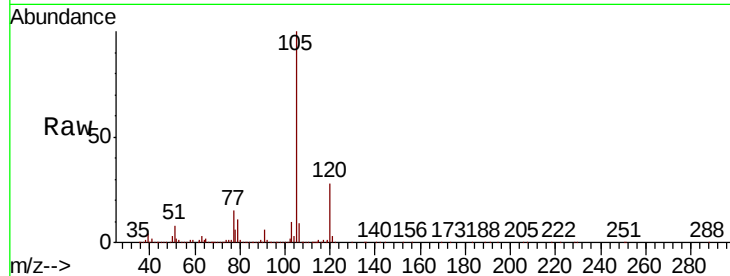
120 27.7 14.1 42.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

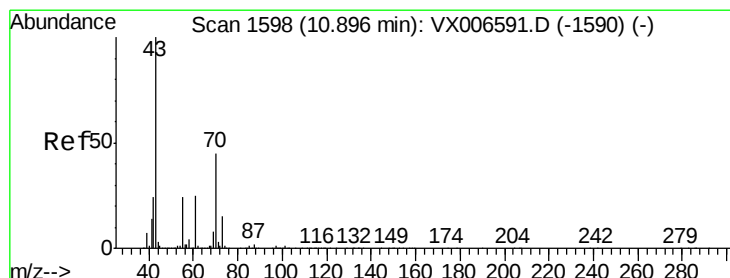
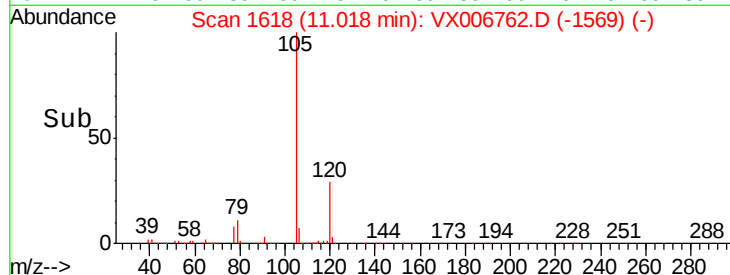
11.02

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 50.819 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion: 43 Resp: 542878

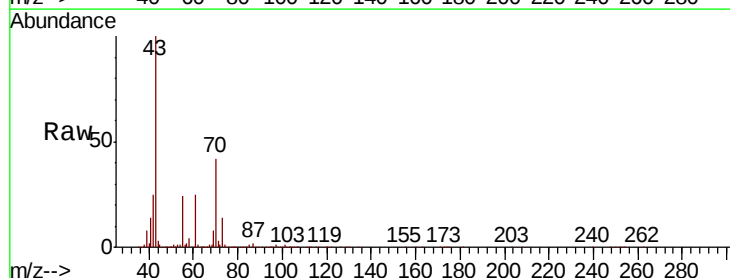
Ion Ratio Lower Upper

43 100

70 43.3 35.8 53.8

55 24.4 19.4 29.0

61 25.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

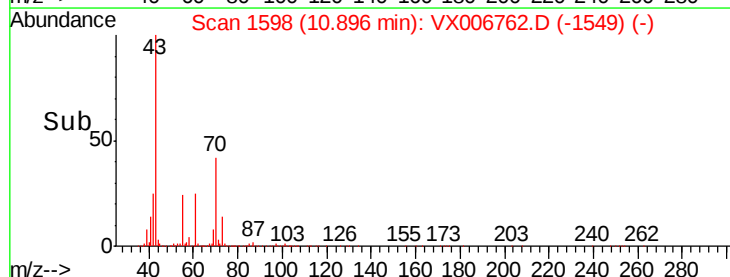
600000

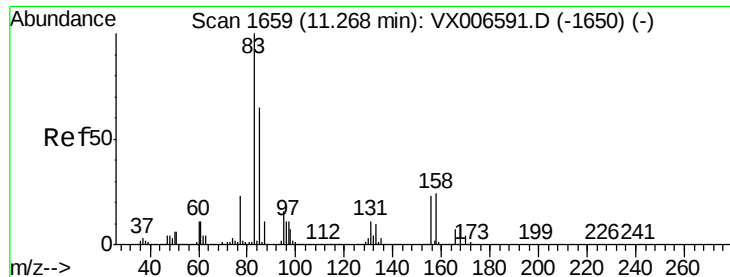
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.722 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 432445

Ion Ratio Lower Upper

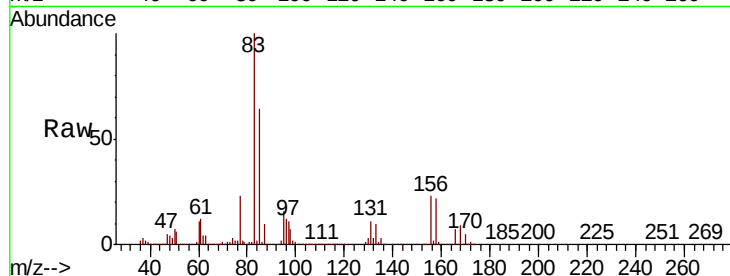
83 100

131 11.0 5.7 17.1

85 64.1 32.2 96.6

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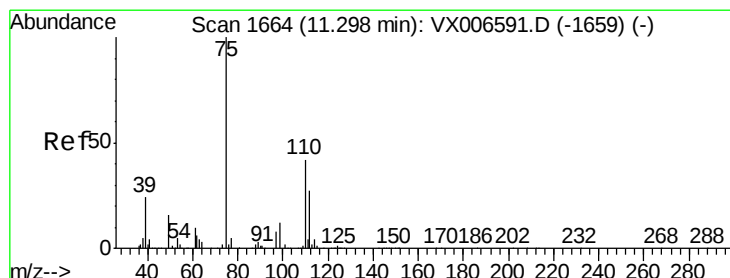
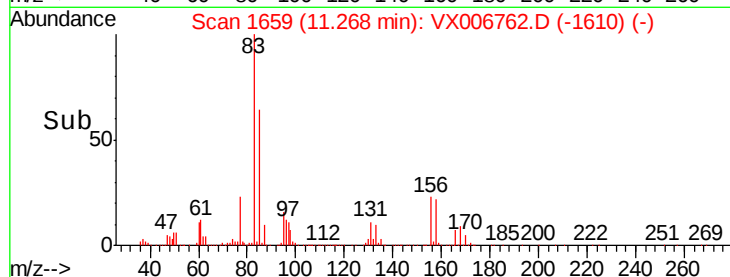
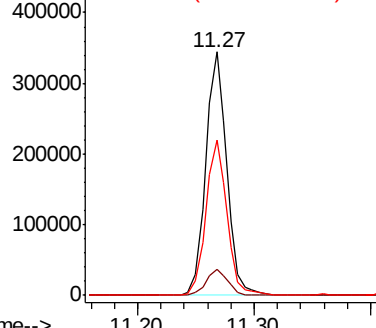
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.417 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006762.D

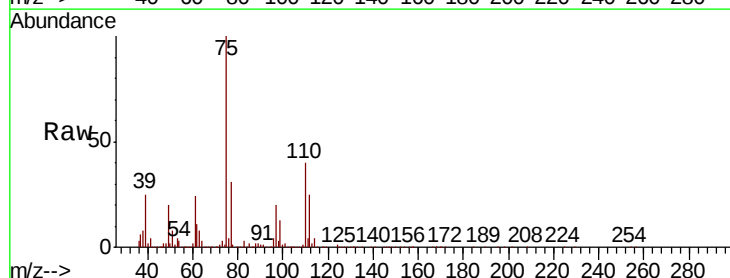
Acq: 22 Dec 2018 10:25

Tgt Ion: 75 Resp: 400636

Ion Ratio Lower Upper

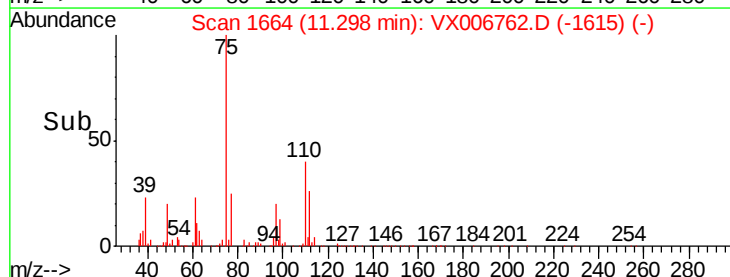
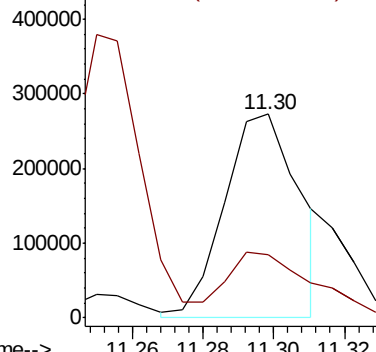
75 100

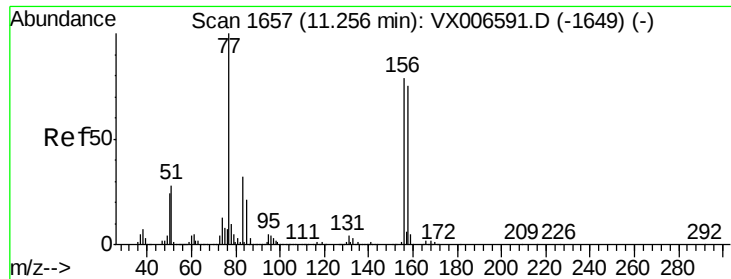
77 36.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.114 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

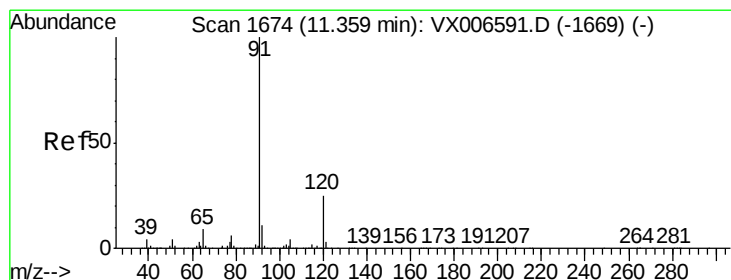
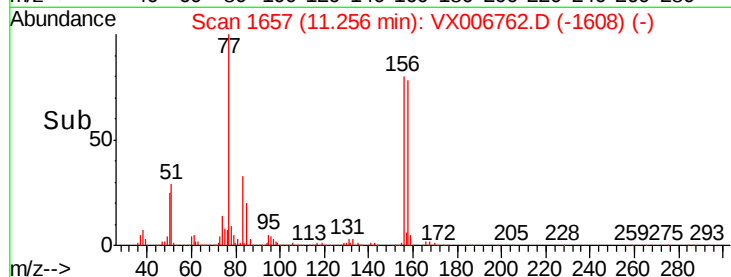
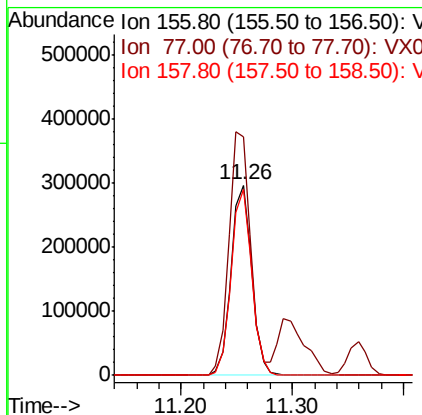
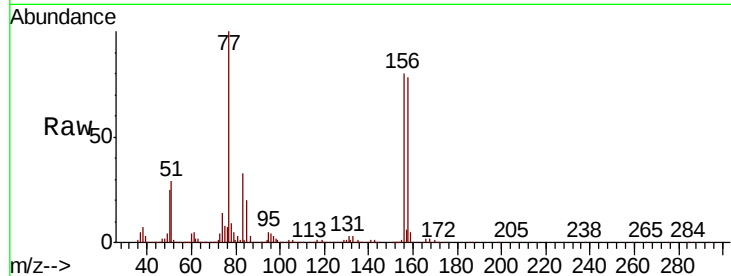
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.5	68.0	204.0
158	97.3	48.3	144.8

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#78

n-propylbenzene

Concen: 49.524 ug/l

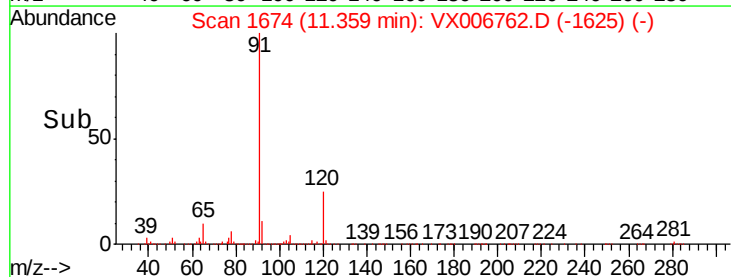
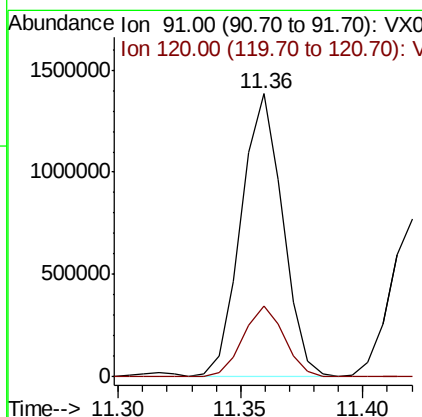
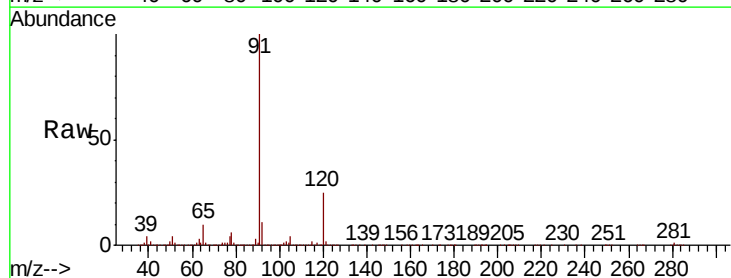
RT: 11.36 min Scan# 1674

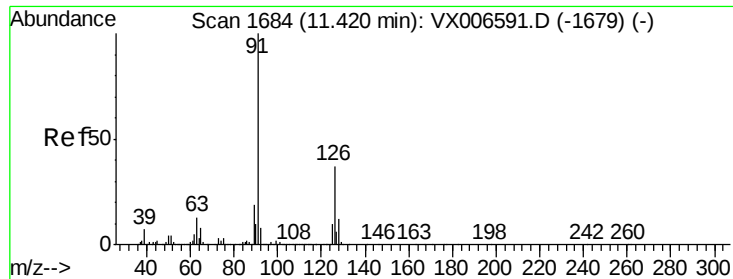
Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 46.692 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 929934

Ion Ratio Lower Upper

91 100

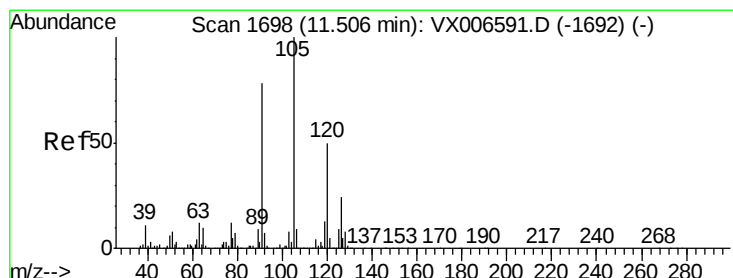
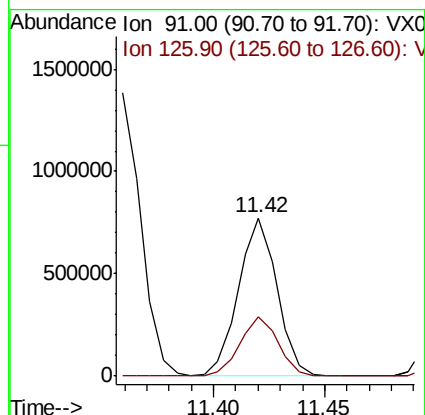
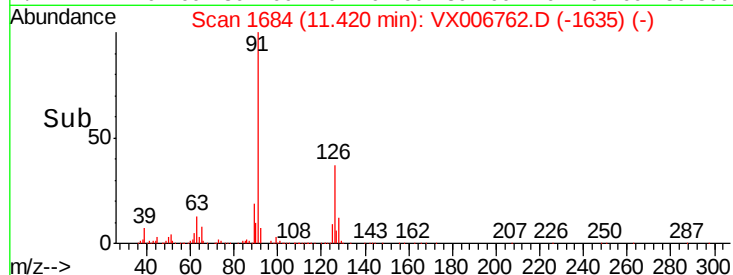
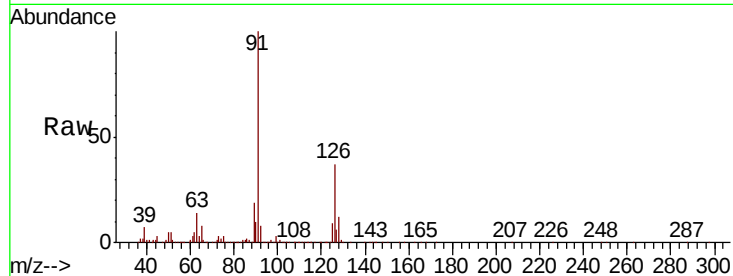
126 37.6 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 48.639 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006762.D

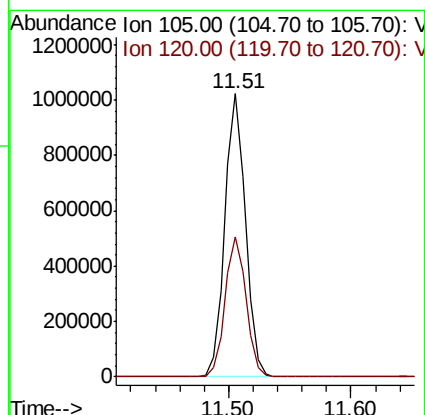
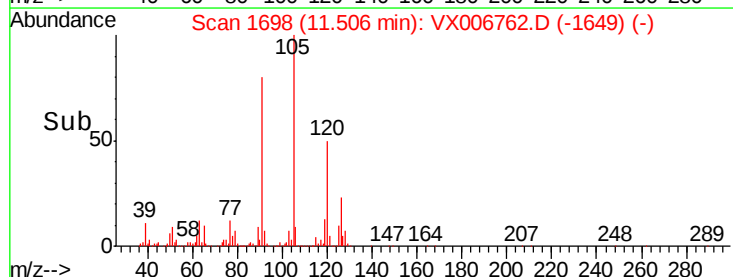
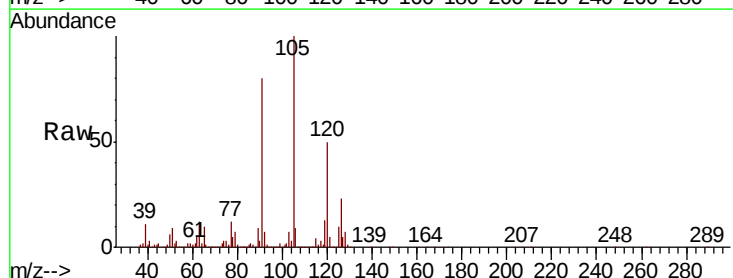
Acq: 22 Dec 2018 10:25

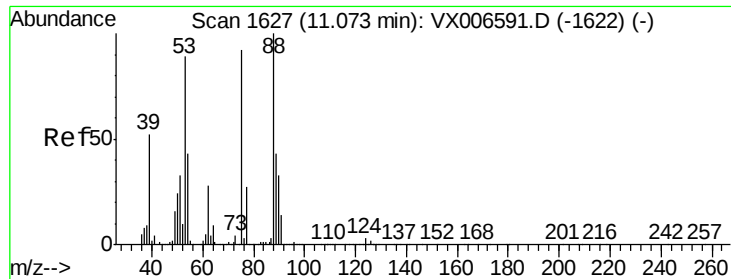
Tgt Ion: 105 Resp: 1195619

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3





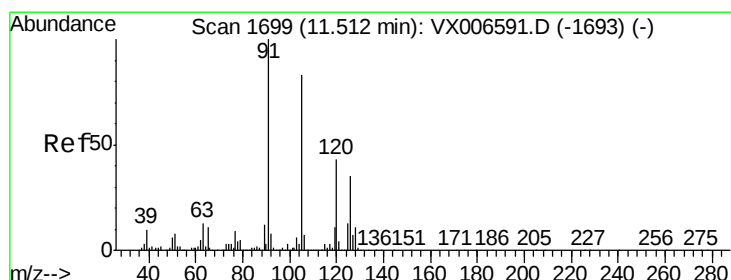
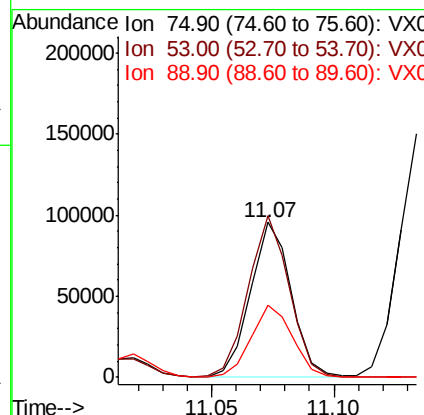
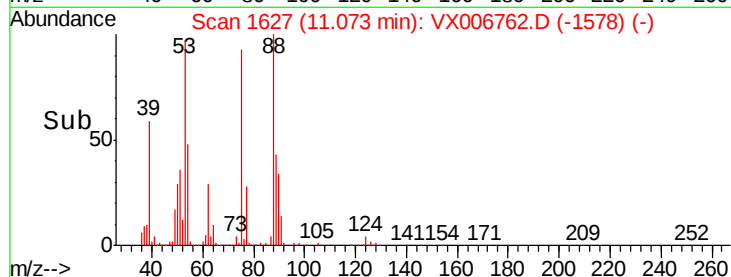
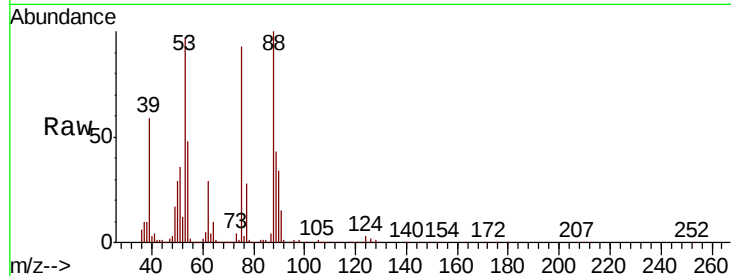
#81
trans-1,4-Dichloro-2-butene
Concen: 42.206 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.9	79.7	119.5
89	47.6	38.0	57.0

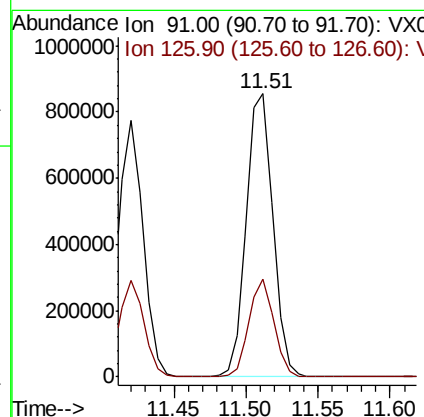
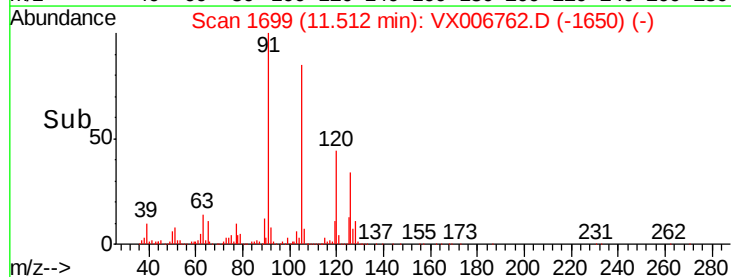
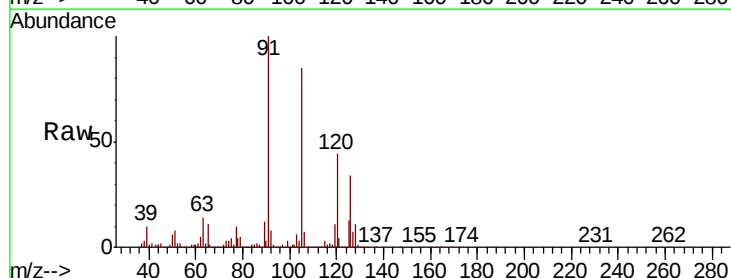
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#82
4-Chlorotoluene
Concen: 48.037 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.3	48.9





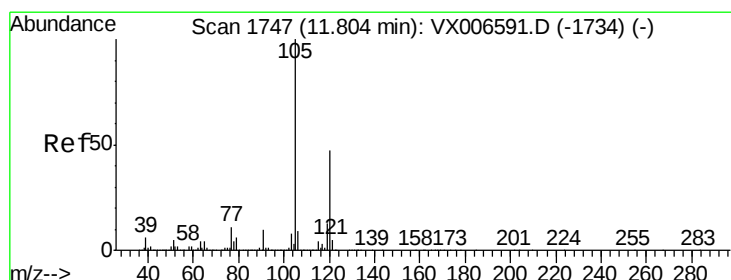
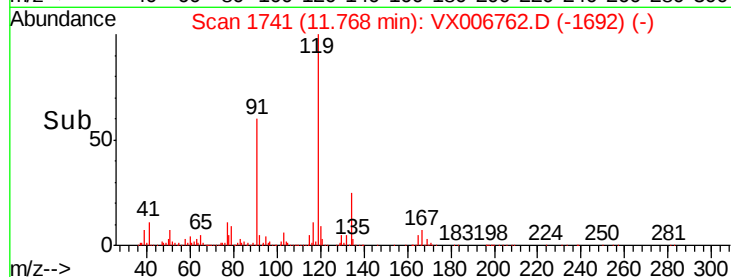
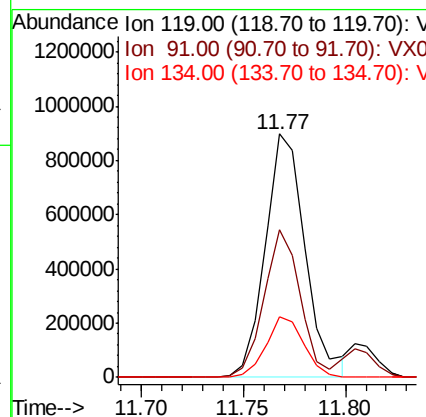
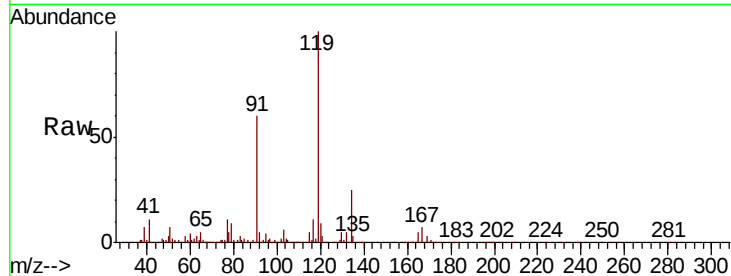
#83
 tert-Butylbenzene
 Concen: 49.817 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.0	27.7	83.1
134	23.6	11.9	35.5

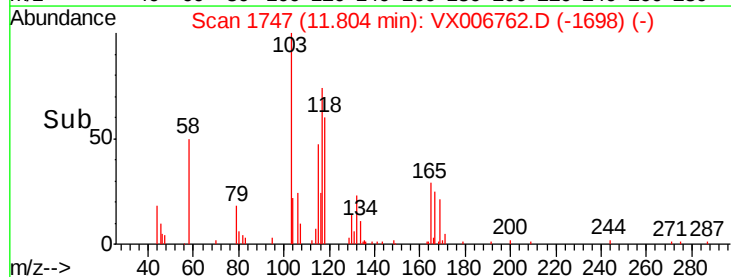
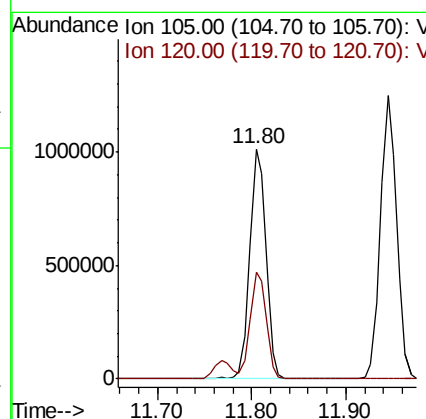
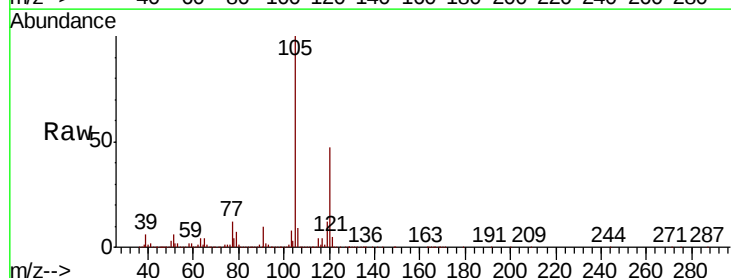
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.192 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 49.481 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1492553

Ion Ratio Lower Upper

105 100

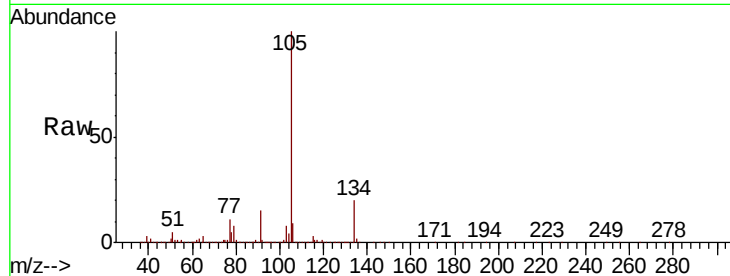
134 21.1 10.7 31.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

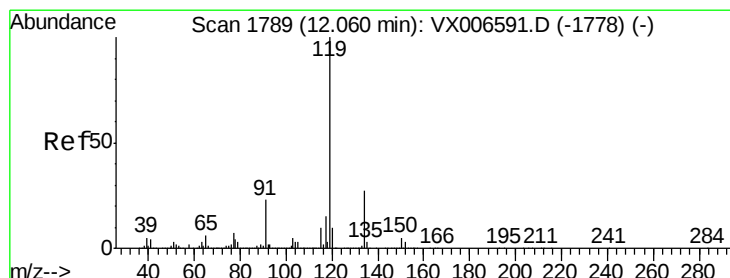
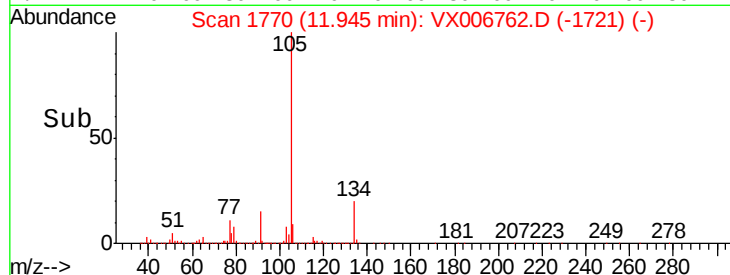
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 50.010 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006762.D

Acq: 22 Dec 2018 10:25

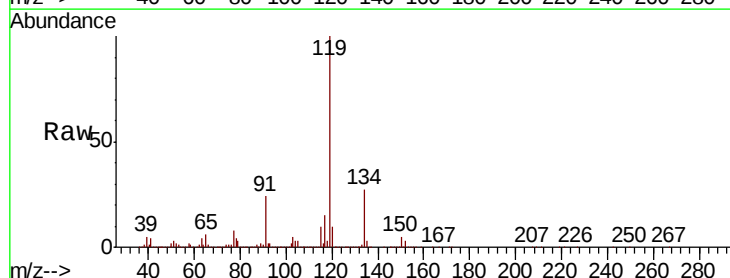
Tgt Ion:119 Resp: 1326035

Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

91 22.6 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

1500000

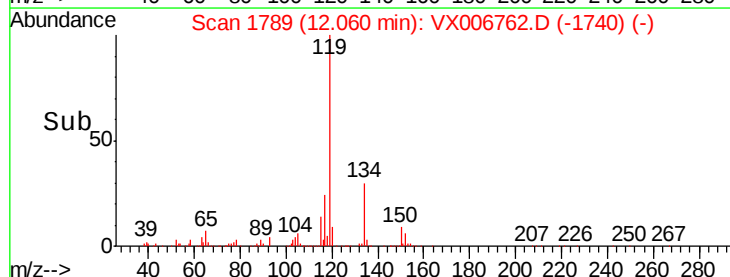
1000000

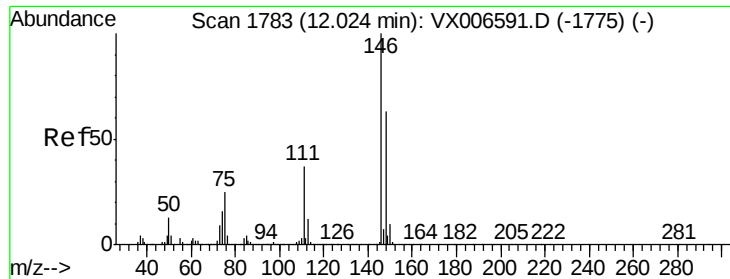
500000

0

Time-->

11.90 12.00 12.10 12.20





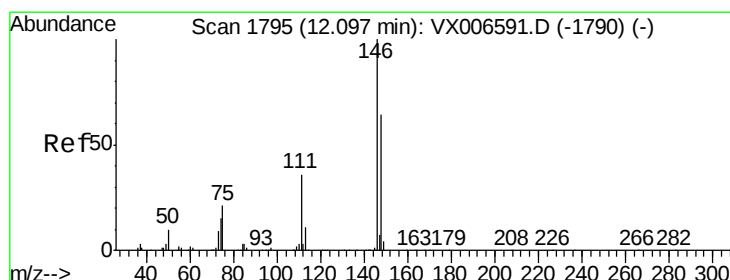
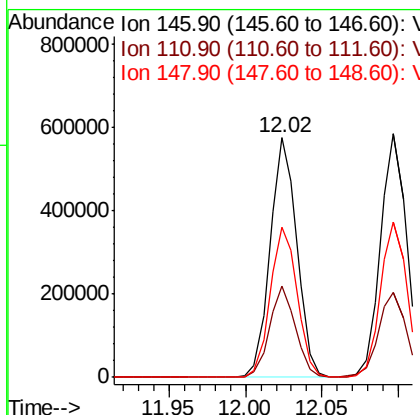
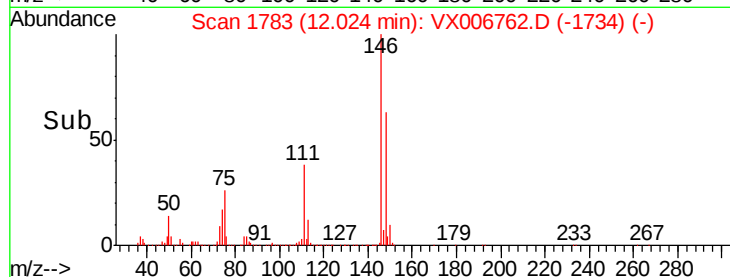
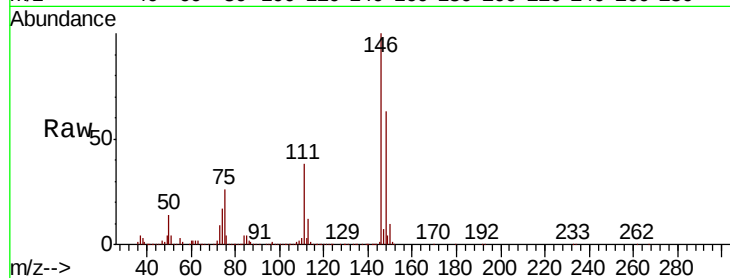
#87
 1,3-Dichlorobenzene
 Concen: 48.134 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	699937		
111	37.1	18.6	55.8	
148	63.5	31.8	95.3	

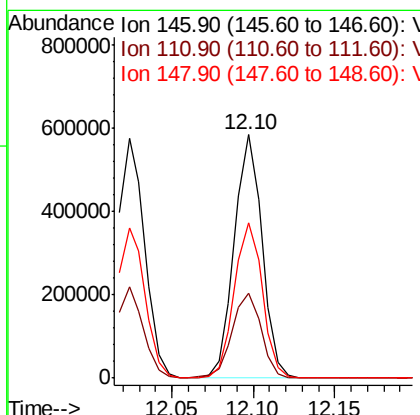
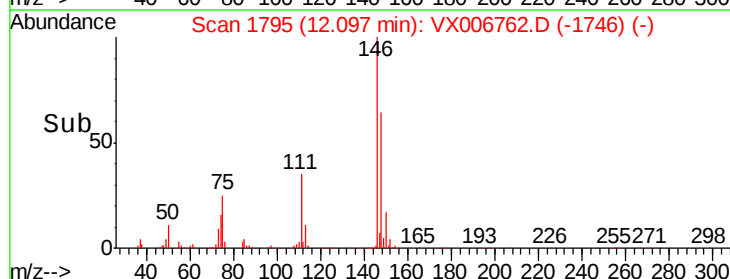
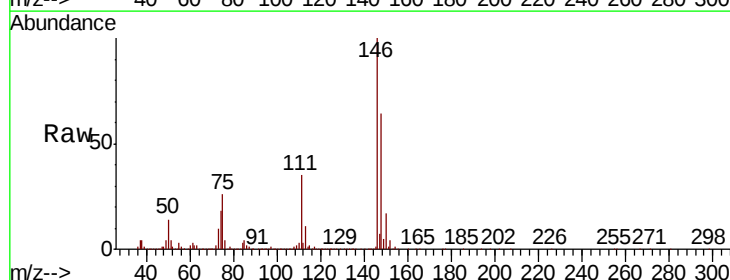
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#88
 1,4-Dichlorobenzene
 Concen: 46.419 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	691970		
111	36.5	18.1	54.1	
148	64.6	31.9	95.9	





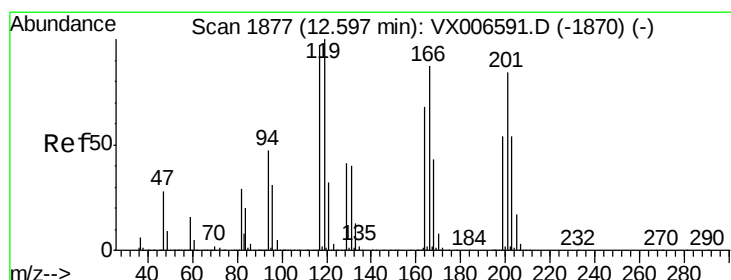
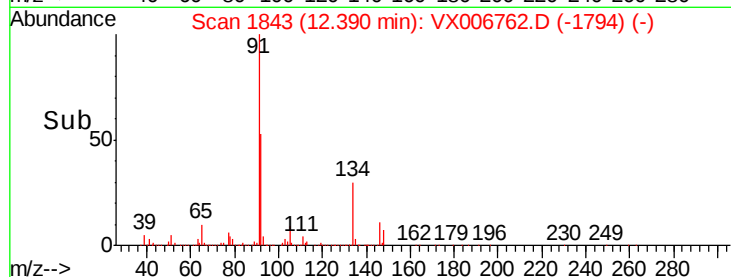
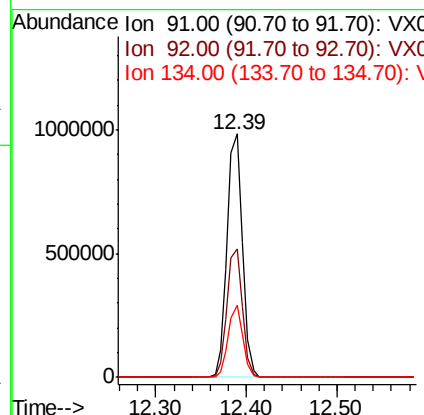
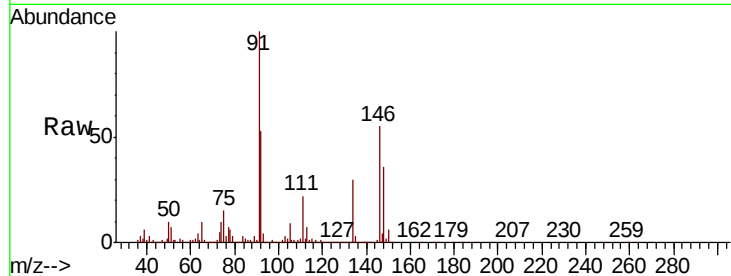
#89
n-Butylbenzene
Concen: 51.631 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.4
134	28.3	14.4	43.2

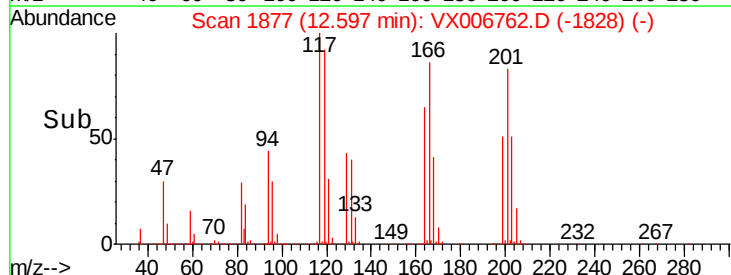
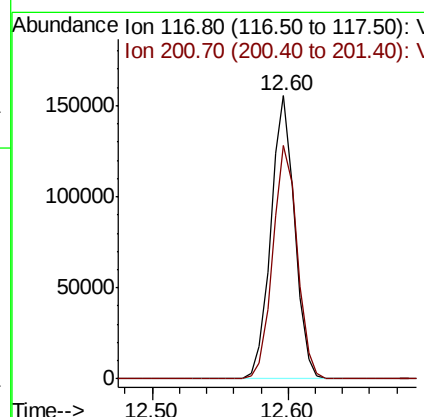
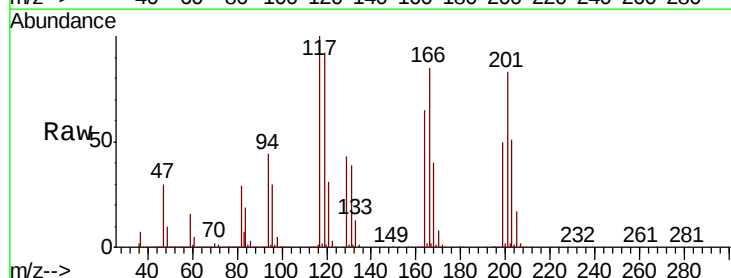
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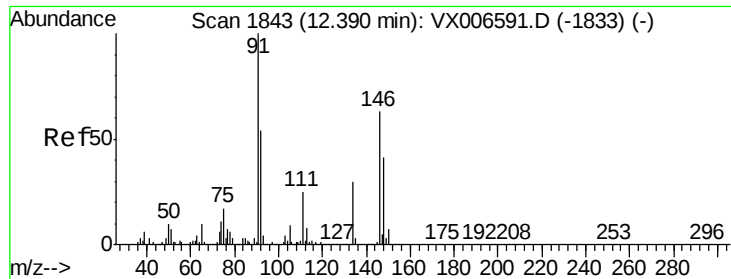
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#90
Hexachloroethane
Concen: 46.382 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	42.9	128.7





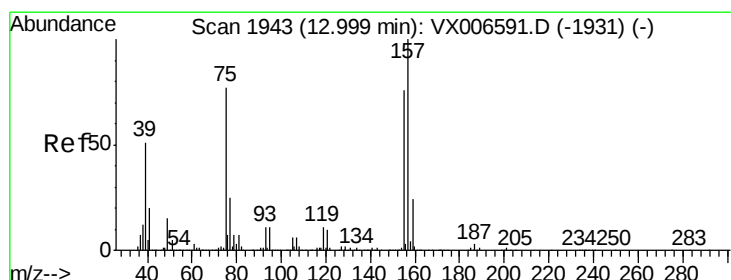
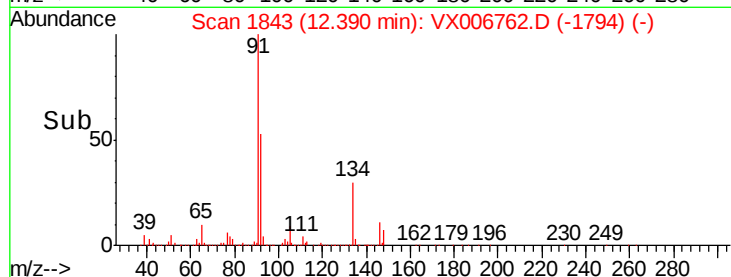
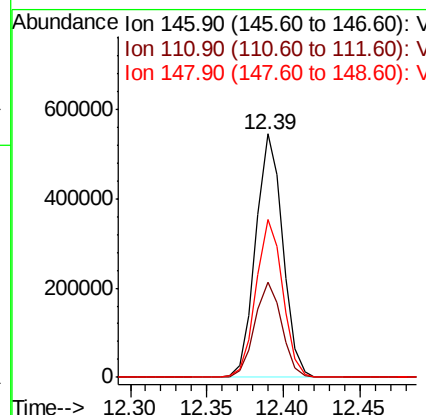
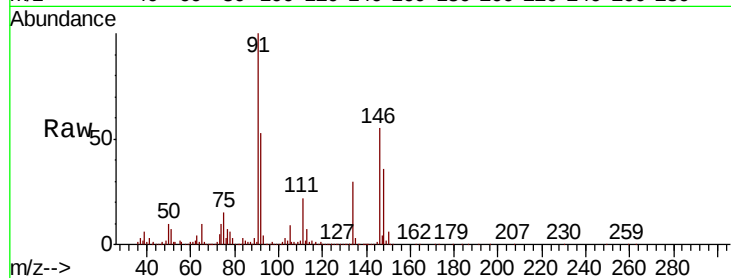
#91
 1,2-Dichlorobenzene
 Concen: 46.116 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	64.4	32.3	96.9

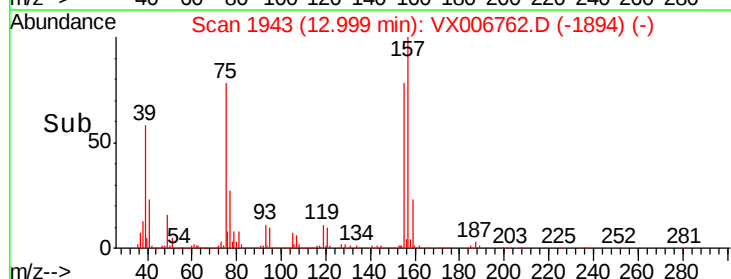
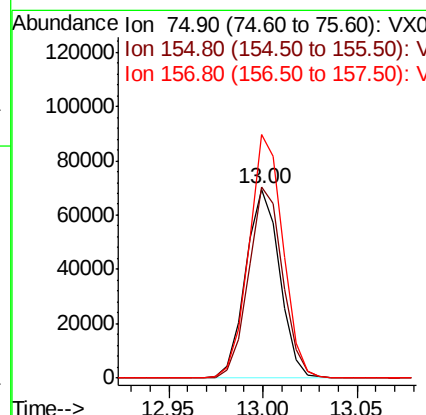
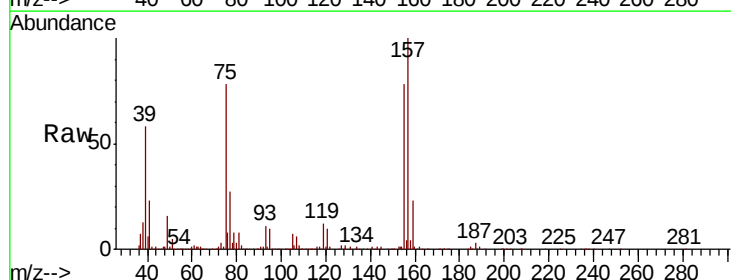
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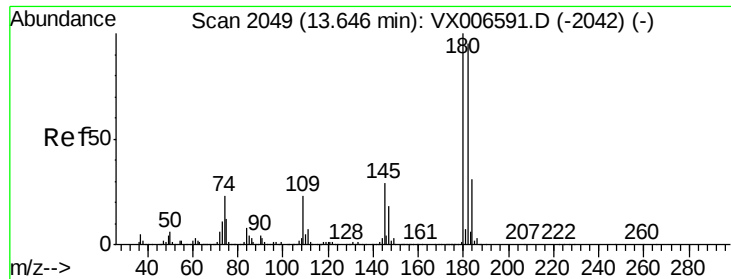
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.168 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.6	50.6	151.8
157	129.0	64.6	193.8





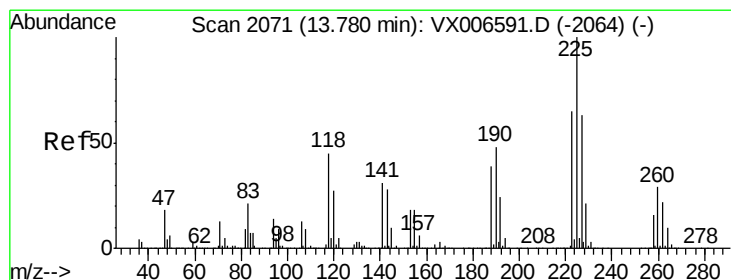
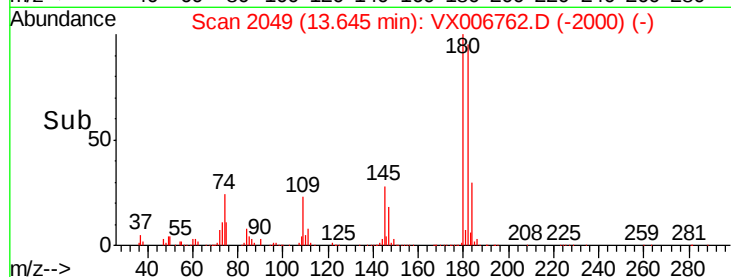
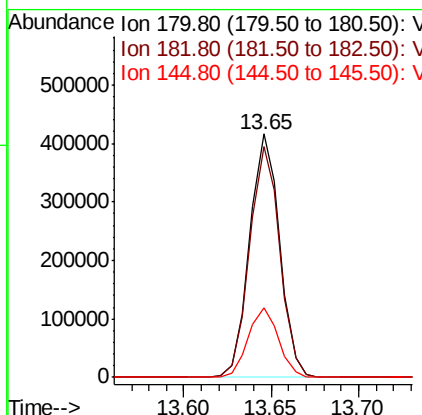
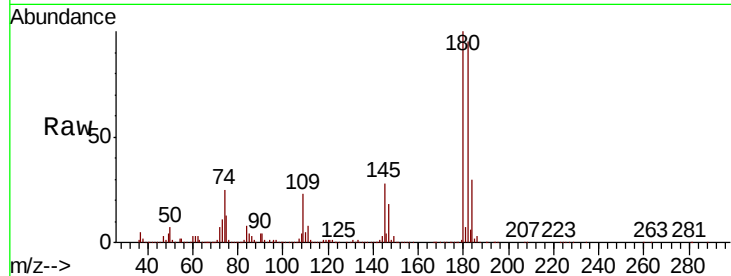
#93
 1,2,4-Trichlorobenzene
 Concen: 49.440 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	496090		
182	95.0		47.3	142.0
145	28.9		14.8	44.3

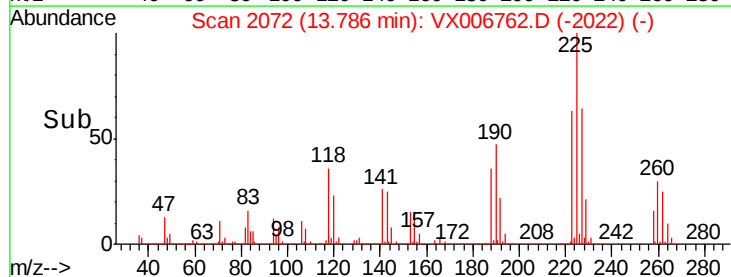
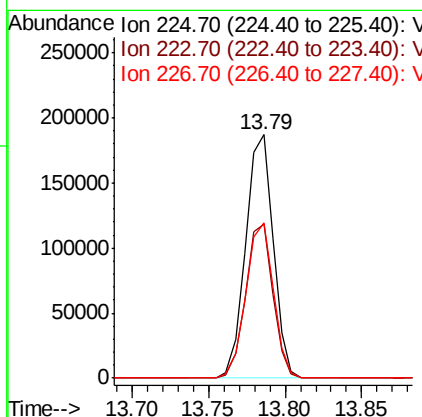
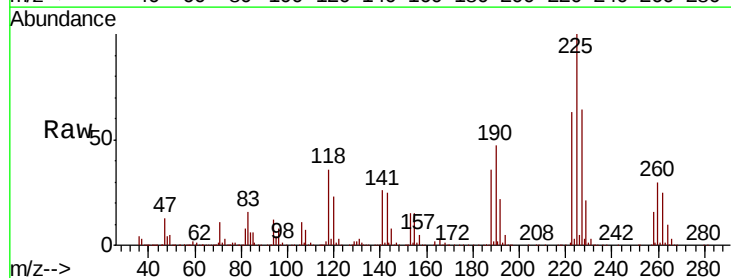
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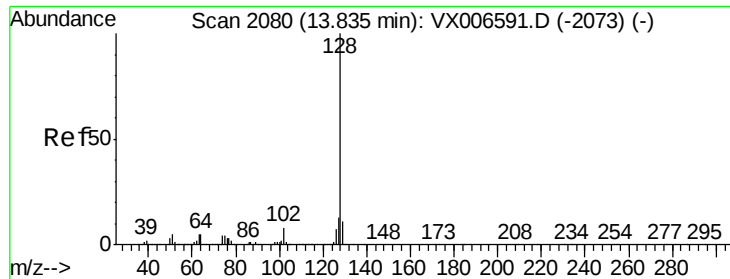
MMDadoda
 12/24/2018 11:47:30 AM



#94
 Hexachlorobutadiene
 Concen: 49.485 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006762.D
 Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	234042		
223	62.9		32.1	96.3
227	63.8		32.3	96.8





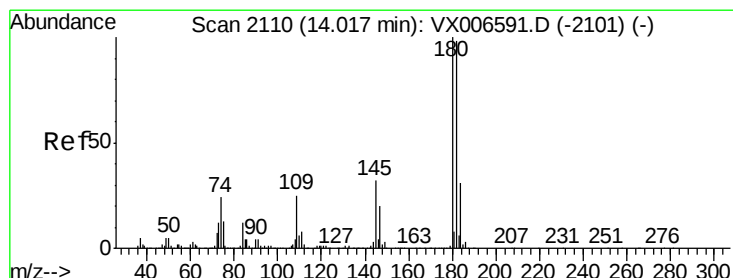
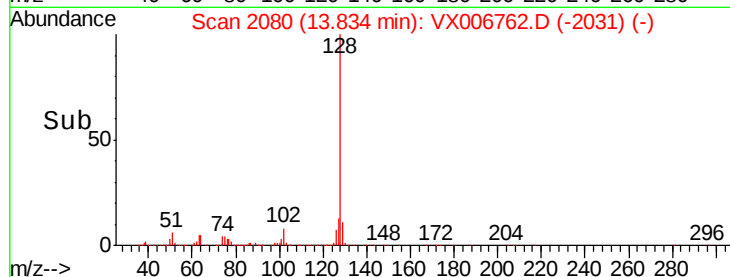
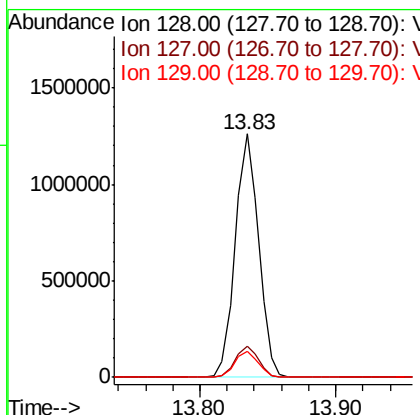
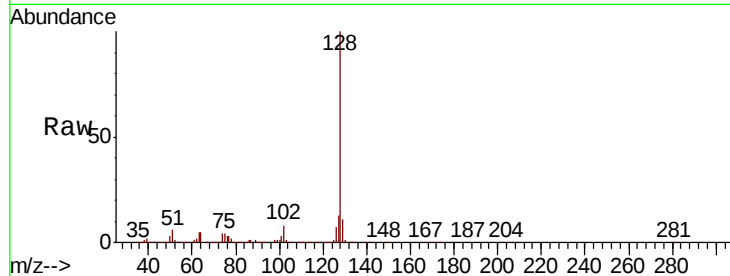
#95
Naphthalene
Concen: 47.107 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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12/24/2018 11:47:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.305 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006762.D
Acq: 22 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.5	145.5
145	30.9	16.0	47.9

