

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006788.D
 Acq On : 24 Dec 2018 12:12
 Operator : JC/MD
 Sample : VX1224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:12 AM

Quant Time: Dec 25 02:51:41 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	531868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	806222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	753233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	289923	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	5.51	113	264068	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.71	98	980867	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	360468	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	88568	18.203	ug/l 97
3) Chloromethane	1.33	50	100583	19.188	ug/l 100
4) Vinyl Chloride	1.41	62	105655	19.298	ug/l 98
5) Bromomethane	1.64	94	106274	19.637	ug/l 98
6) Chloroethane	1.72	64	71338	18.819	ug/l 97
7) Trichlorofluoromethane	1.93	101	168260	19.713	ug/l 100
8) Diethyl Ether	2.19	74	67580	19.934	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100433	20.040	ug/l 99
10) Methyl Iodide	2.51	142	129348	18.030	ug/l 100
11) Tert butyl alcohol	3.07	59	141737	110.794	ug/l 99
12) 1,1-Dichloroethene	2.38	96	91758	19.309	ug/l 98
13) Acrolein	2.29	56	80276	93.019	ug/l 99
14) Allyl chloride	2.73	41	160780	20.100	ug/l 99
15) Acrylonitrile	3.15	53	302916	106.645	ug/l 100
16) Acetone	2.45	43	268751	102.048	ug/l 98
17) Carbon Disulfide	2.57	76	211758	16.839	ug/l 100
18) Methyl Acetate	2.78	43	176451	22.786	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	328894	20.853	ug/l 96
20) Methylene Chloride	2.86	84	109653	20.135	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	100192	19.029	ug/l 99
22) Diisopropyl ether	3.87	45	310690	21.231	ug/l 99
23) Vinyl Acetate	3.82	43	1232930	103.004	ug/l 99
24) 1,1-Dichloroethane	3.70	63	174037	19.923	ug/l 99
25) 2-Butanone	4.70	43	392180	105.867	ug/l 99
26) 2,2-Dichloropropane	4.59	77	120227	17.817	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	117637	20.250	ug/l 99
28) Bromochloromethane	5.02	49	83888	21.733	ug/l 98
29) Tetrahydrofuran	5.15	42	259787	106.476	ug/l 100
30) Chloroform	5.21	83	183122	20.243	ug/l 98
31) Cyclohexane	5.57	56	151901	19.141	ug/l 95
32) 1,1,1-Trichloroethane	5.50	97	151583	19.845	ug/l 97
36) 1,1-Dichloropropene	5.80	75	130222	19.502	ug/l 99
37) Ethyl Acetate	4.85	43	148369	21.348	ug/l 99
38) Carbon Tetrachloride	5.79	117	129781	19.999	ug/l 89

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164603	18.724	ug/l	96
40) Benzene	6.14	78	414489	20.421	ug/l	99
41) Methacrylonitrile	5.06	41	81401	22.061	ug/l	97
42) 1,2-Dichloroethane	6.20	62	142897	20.661	ug/l	99
43) Isopropyl Acetate	6.46	43	221943	20.988	ug/l	98
44) Trichloroethene	7.21	130	120480	19.612	ug/l	99
45) 1,2-Dichloropropane	7.52	63	101842	20.619	ug/l	98
46) Dibromomethane	7.66	93	73009	20.096	ug/l	100
47) Bromodichloromethane	7.90	83	124534	20.646	ug/l	97
48) Methyl methacrylate	7.77	41	117573	21.864	ug/l	99
49) 1,4-Dioxane	7.75	88	62059	429.738	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	761974	113.249	ug/l	100
52) Toluene	8.78	92	272886	20.811	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	125211	19.356	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	145779	20.538	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	116883	21.777	ug/l	96
56) Ethyl methacrylate	9.18	69	163919	21.608	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180896	20.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	421030	104.411	ug/l	100
59) 2-Hexanone	9.49	43	584779	113.594	ug/l	99
60) Dibromochloromethane	9.59	129	103101	19.837	ug/l	100
61) 1,2-Dibromoethane	9.67	107	118789	20.820	ug/l	98
64) Tetrachloroethene	9.34	164	112202	18.812	ug/l	98
65) Chlorobenzene	10.14	112	322412	20.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	105781	21.276	ug/l	99
67) Ethyl Benzene	10.25	91	520403	19.985	ug/l	100
68) m/p-Xylenes	10.36	106	410121	39.914	ug/l	98
69) o-Xylene	10.70	106	207112	20.412	ug/l	100
70) Styrene	10.71	104	326493	20.339	ug/l	99
71) Bromoform	10.86	173	73943	19.477	ug/l #	100
73) Isopropylbenzene	11.02	105	540453	20.317	ug/l	100
74) N-amyl acetate	10.90	43	206627	21.701	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177686	22.460	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157867m	21.846	ug/l	
77) Bromobenzene	11.26	156	147634	20.528	ug/l	99
78) n-propylbenzene	11.36	91	590250	20.150	ug/l	100
79) 2-Chlorotoluene	11.42	91	358858	20.215	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	452257	20.641	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36701	18.380	ug/l	89
82) 4-Chlorotoluene	11.51	91	409090	20.090	ug/l	99
83) tert-Butylbenzene	11.77	119	456215	20.804	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	462941	20.088	ug/l	99
85) sec-Butylbenzene	11.94	105	535558	19.919	ug/l	99
86) p-Isopropyltoluene	12.06	119	482746	20.426	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	258924	19.977	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	261575	19.686	ug/l	98
89) n-Butylbenzene	12.38	91	399251	19.850	ug/l	99
90) Hexachloroethane	12.60	117	67236	20.274	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	264091	20.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33093	20.216	ug/l	99

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ClientSampleId :
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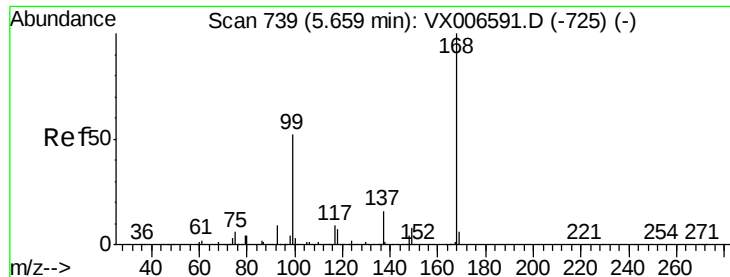
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	175972	19.675	ug/l	99
94) Hexachlorobutadiene	13.78	225	85883	20.373	ug/l	97
95) Naphthalene	13.83	128	566072	19.831	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	180496	19.546	ug/l	99

(#) = 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: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion:168 Resp: 531868

Ion Ratio Lower Upper

168 100

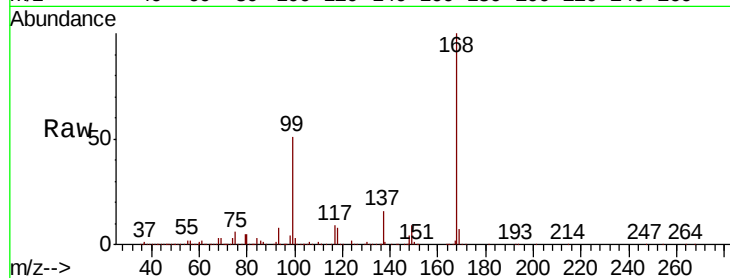
99 50.7 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

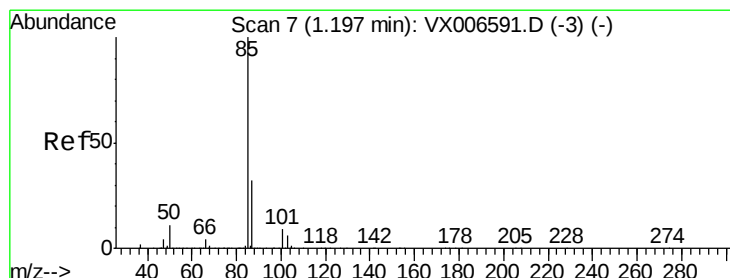
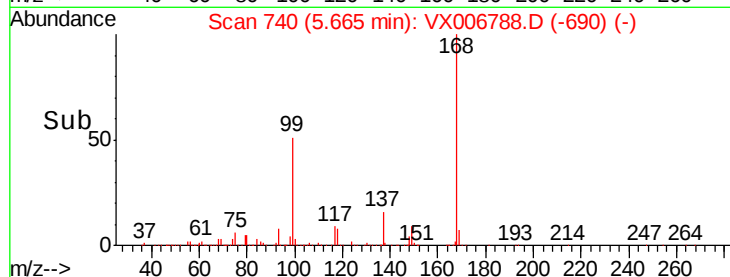
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.203 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006788.D

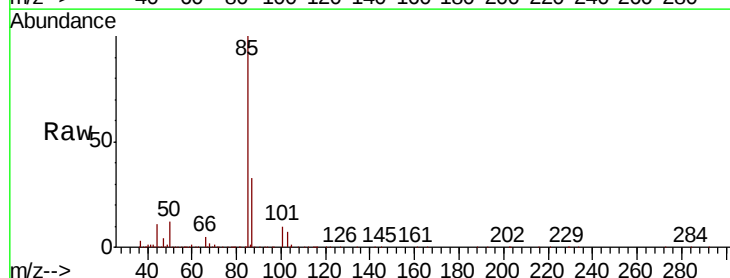
Acq: 24 Dec 2018 12:12

Tgt Ion: 85 Resp: 88568

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

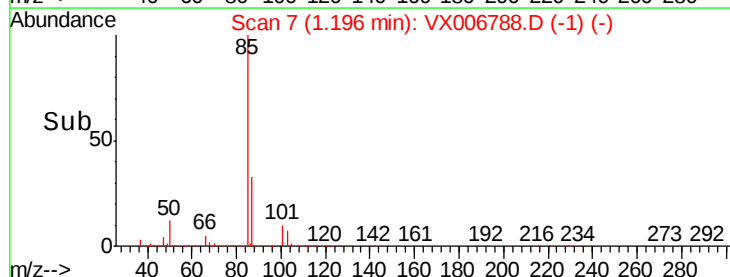
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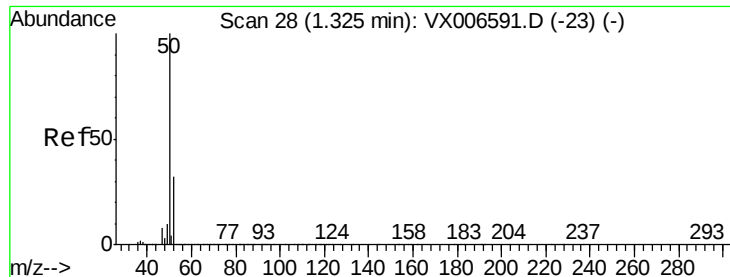
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.188 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 50 Resp: 100583

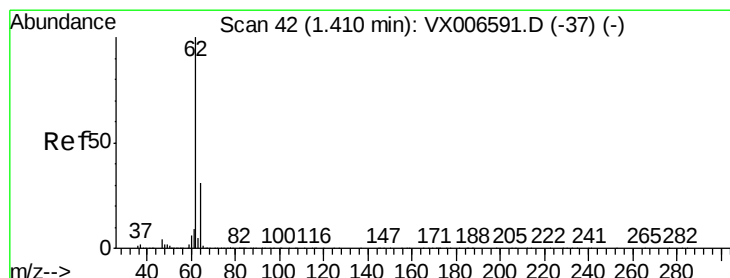
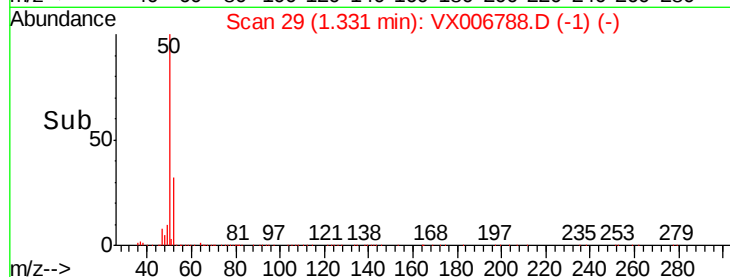
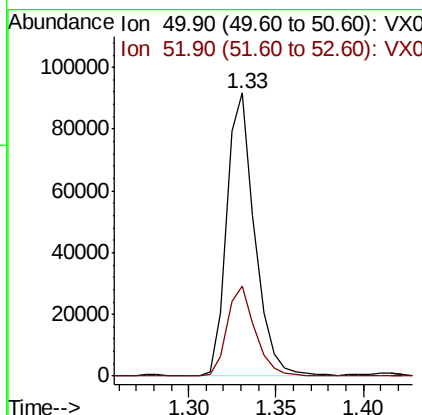
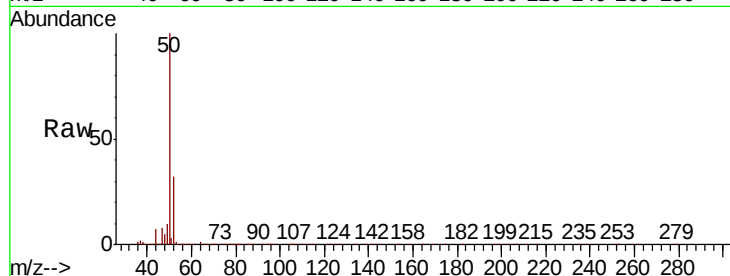
Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.298 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006788.D

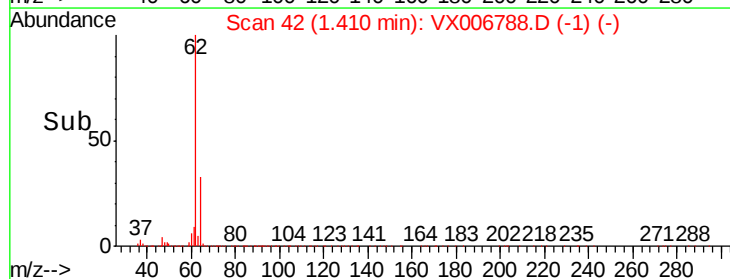
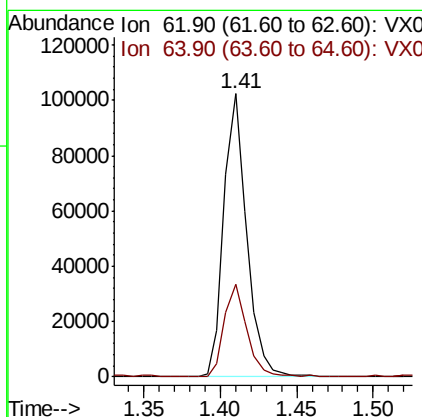
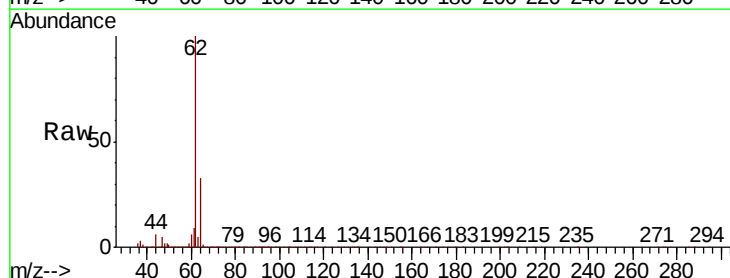
Acq: 24 Dec 2018 12:12

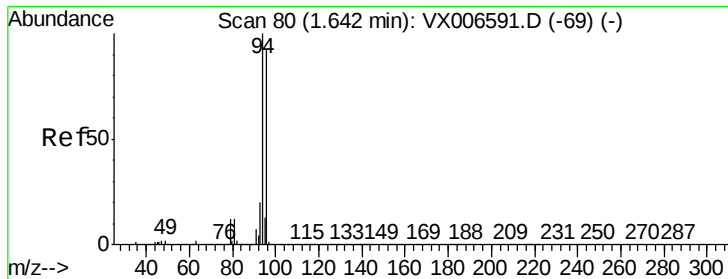
Tgt Ion: 62 Resp: 105655

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 19.637 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 94 Resp: 106274

Ion Ratio Lower Upper

94 100

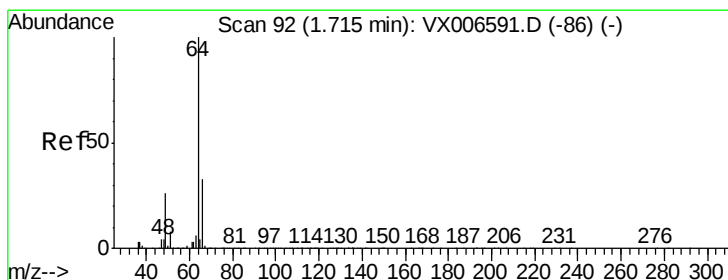
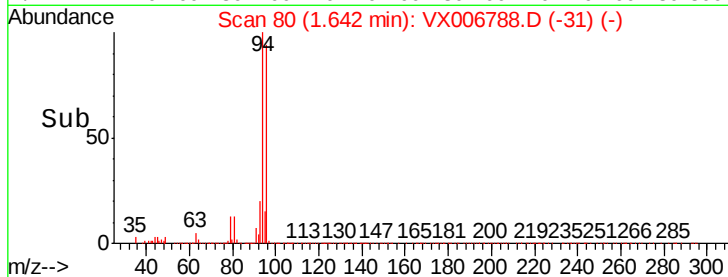
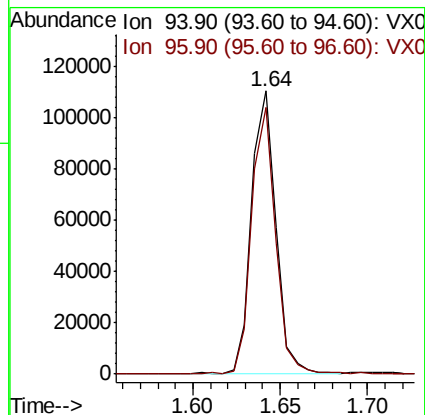
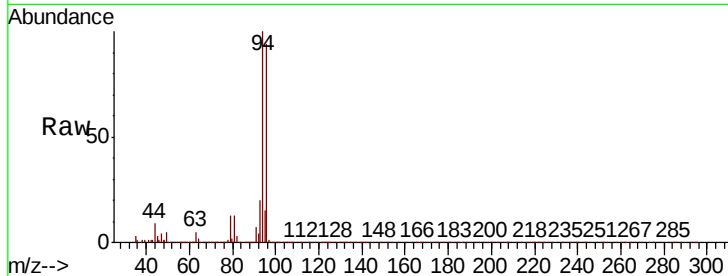
96 94.0 73.4 110.2

Manual Integrations

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12/26/2018 9:57:12 AM



#6

Chloroethane

Concen: 18.819 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006788.D

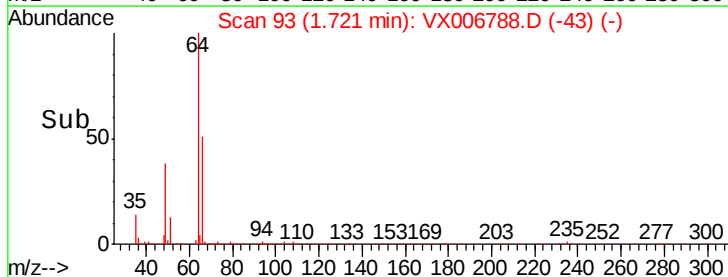
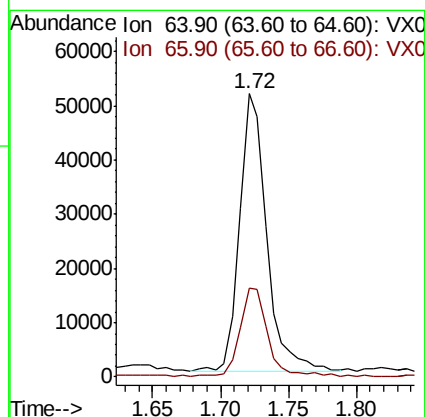
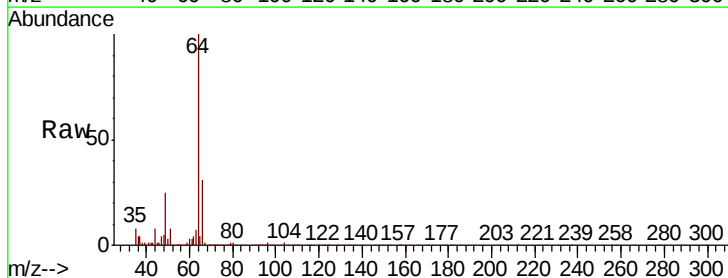
Acq: 24 Dec 2018 12:12

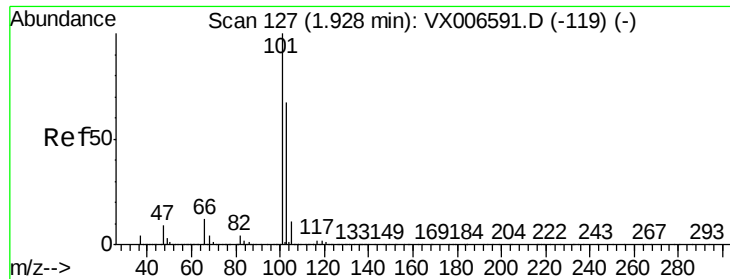
Tgt Ion: 64 Resp: 71338

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6





#7

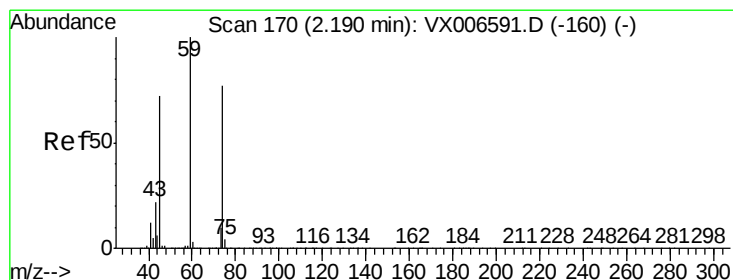
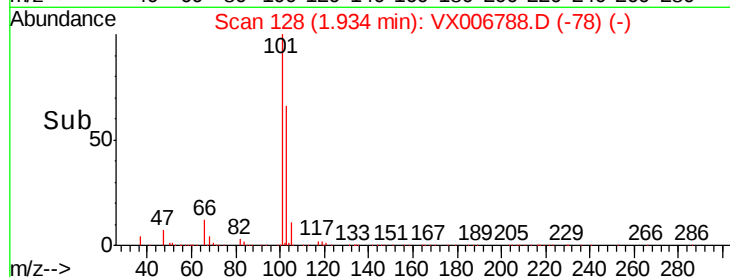
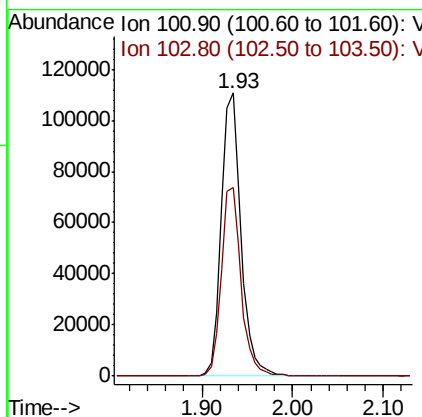
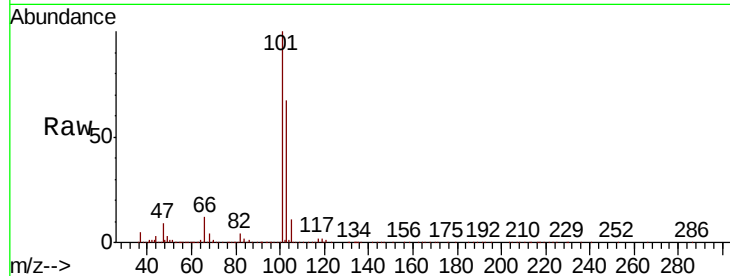
Trichlorofluoromethane
Concen: 19.713 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

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ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	53.2	79.8

Manual Integrations
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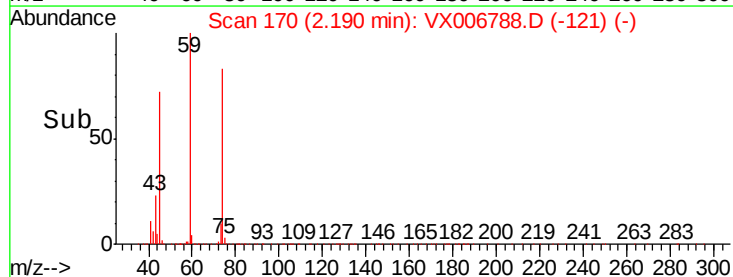
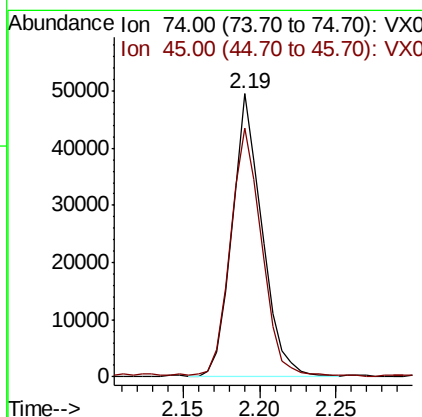
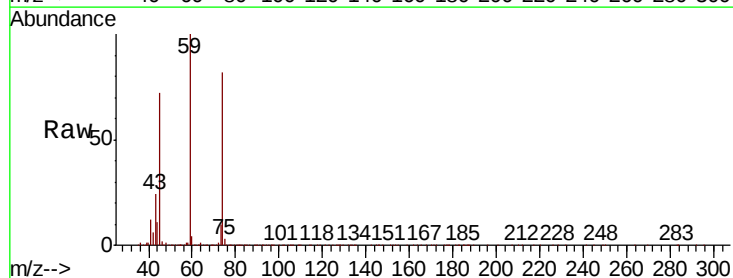
MMDadoda
12/26/2018 9:57:12 AM

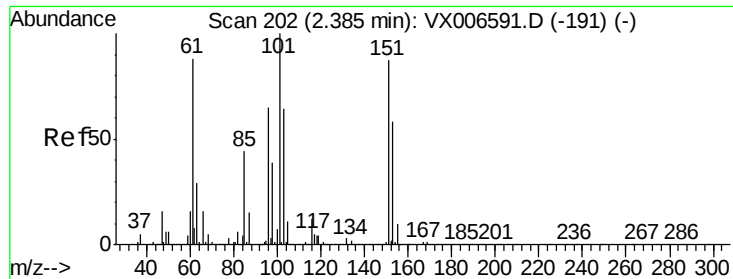


#8

Diethyl Ether
Concen: 19.934 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	46.3	138.9





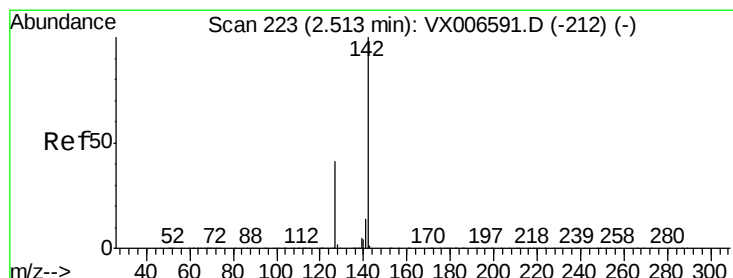
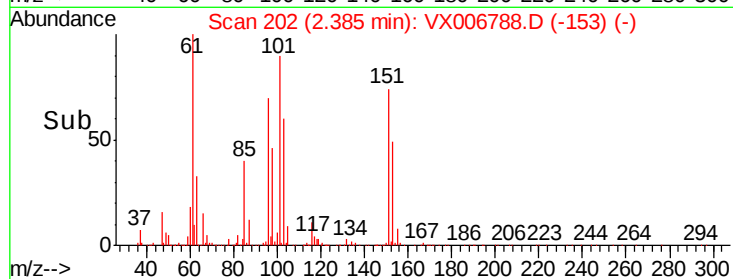
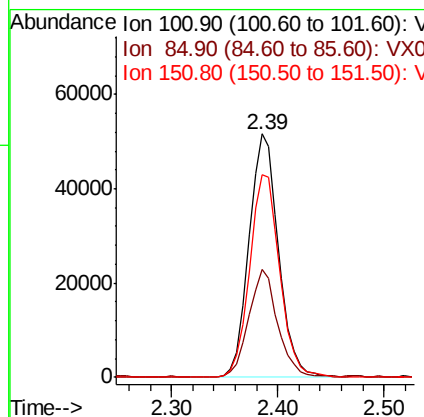
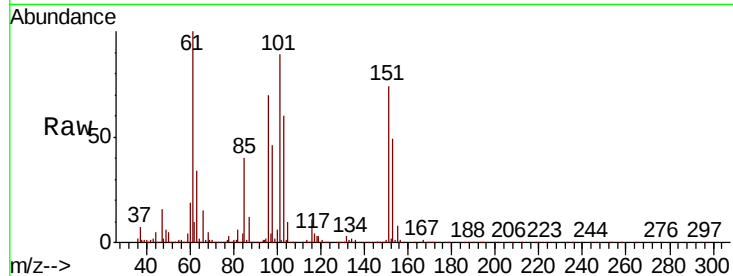
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.040 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	100433		
85	43.8		35.1	52.7
151	85.2		68.9	103.3

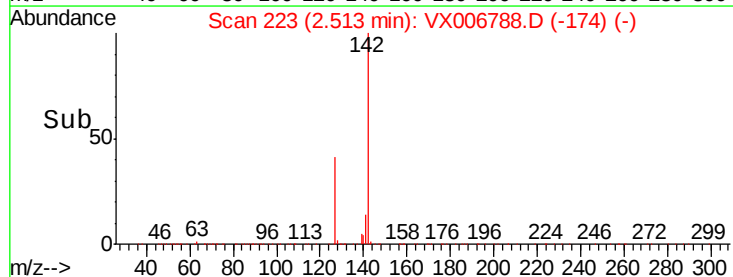
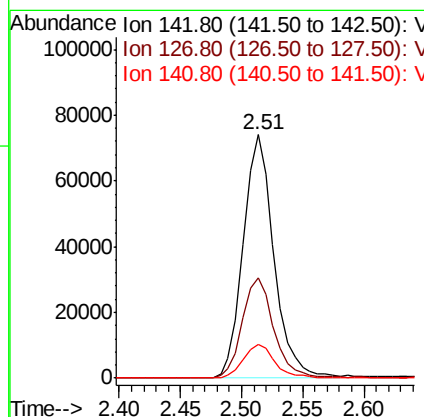
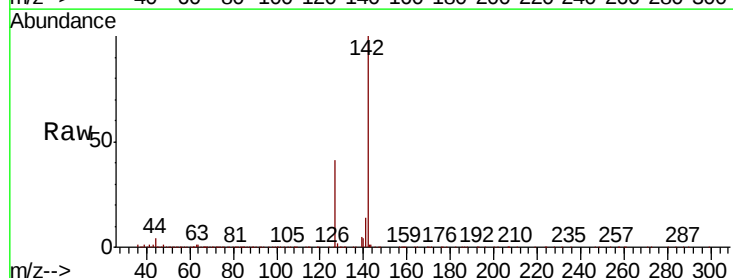
Manual Integrations
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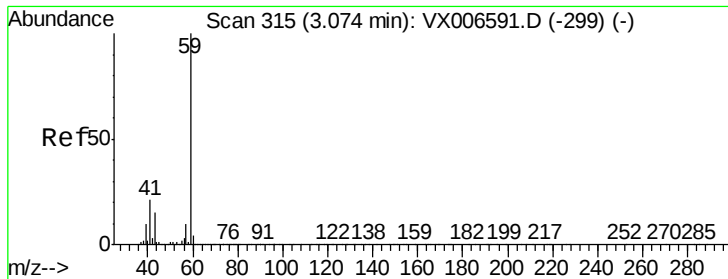
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#10
Methyl Iodide
Concen: 18.030 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	129348		
127	42.1		33.9	50.9
141	14.4		11.4	17.0





#11

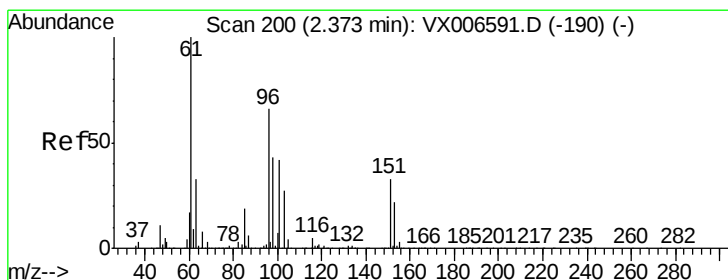
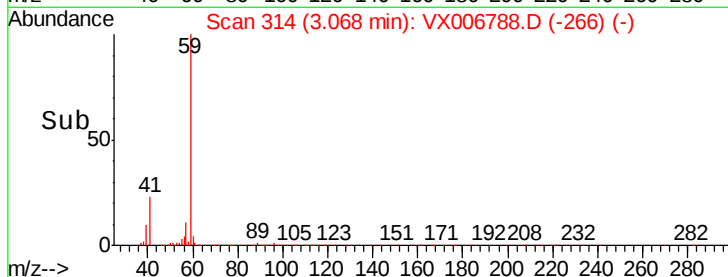
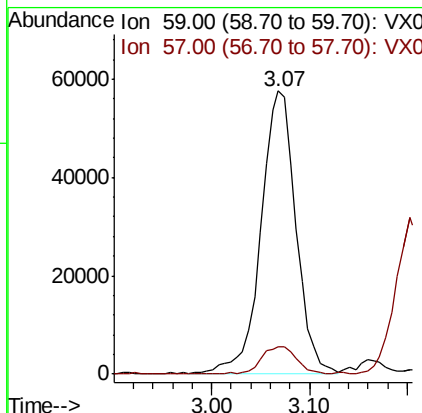
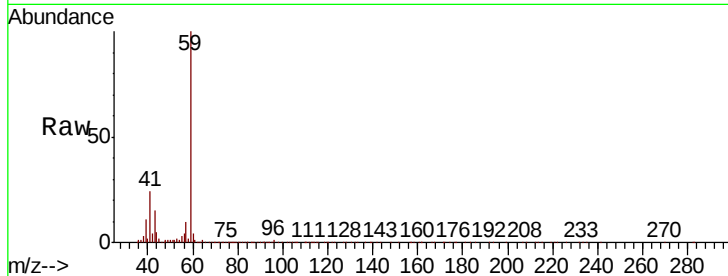
Tert butyl alcohol
Concen: 110.794 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.3	8.5	12.7

Manual Integrations
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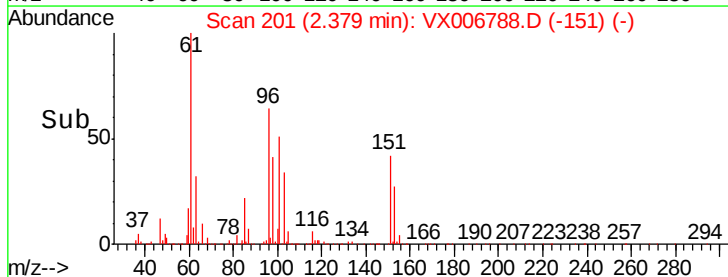
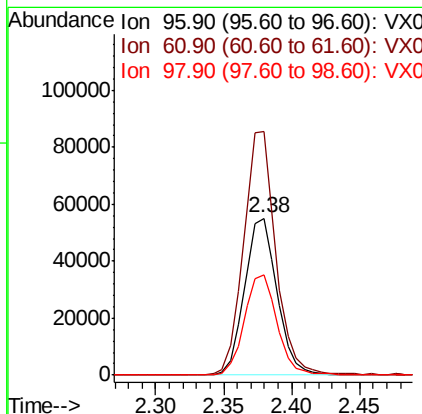
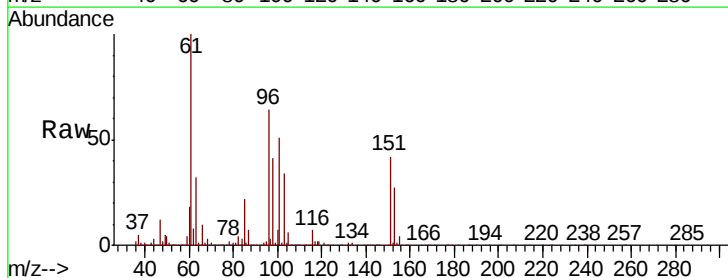
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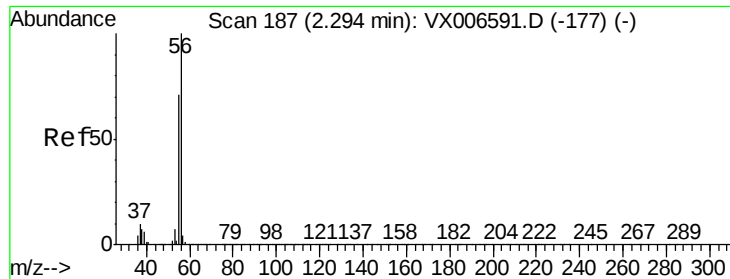


#12

1,1-Dichloroethene
Concen: 19.309 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	155.4	121.4	182.2
98	98	64.4	51.9	77.9





#13

Acrolein

Concen: 93.019 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 56 Resp: 80276

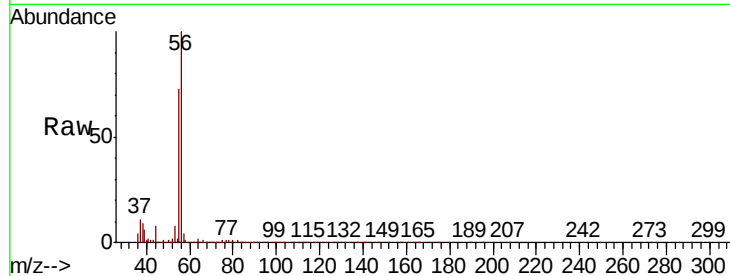
Ion Ratio Lower Upper

56 100

55 73.6 58.2 87.4

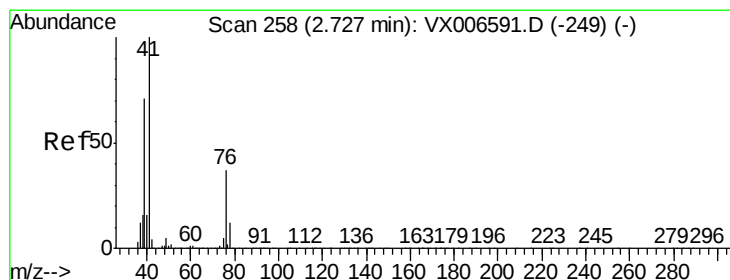
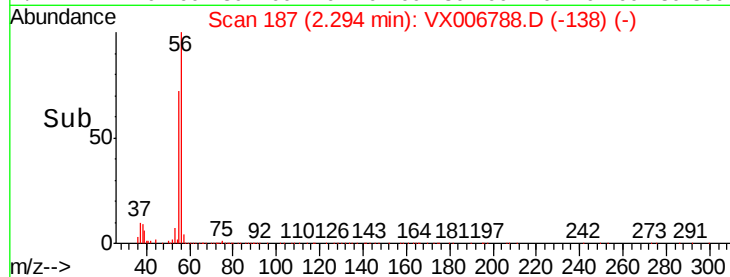
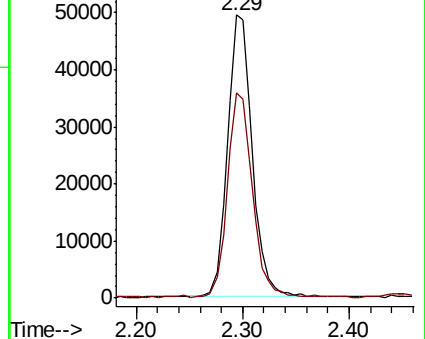
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.100 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

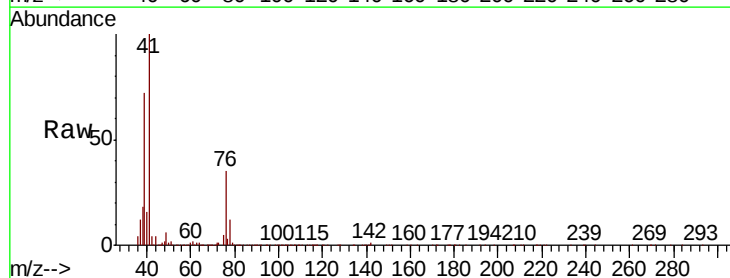
Tgt Ion: 41 Resp: 160780

Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

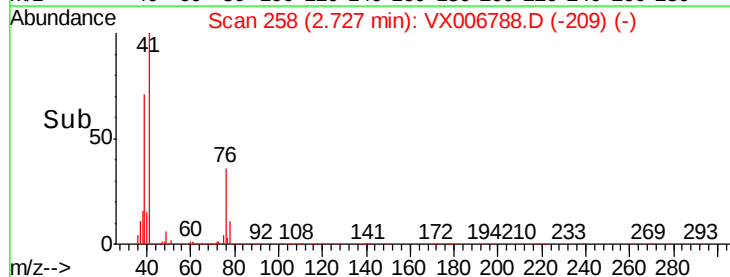
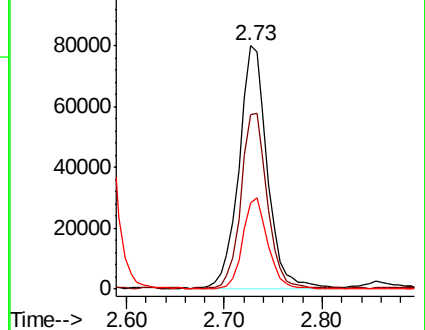
76 32.5 27.4 41.2

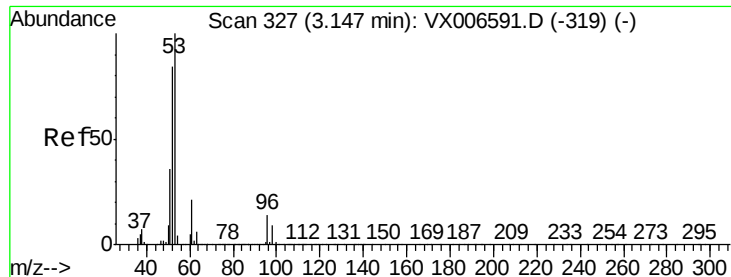


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 106.645 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

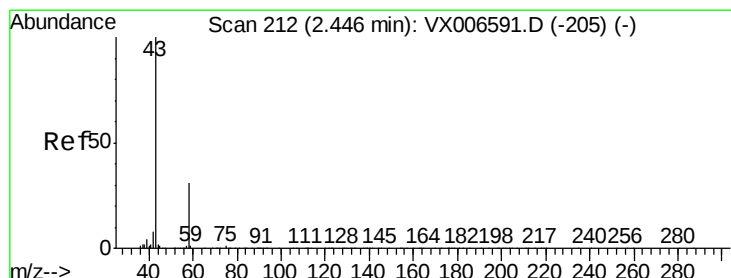
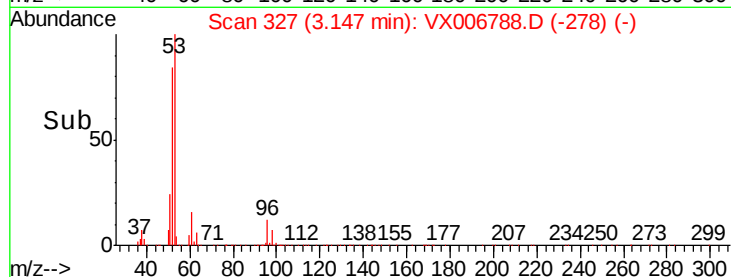
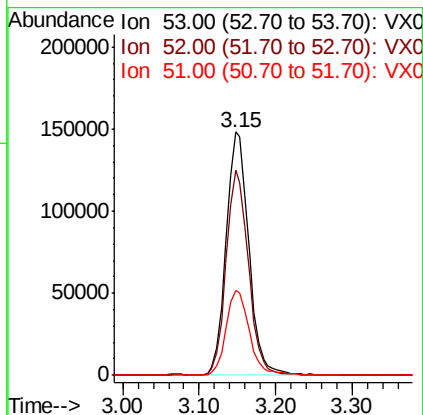
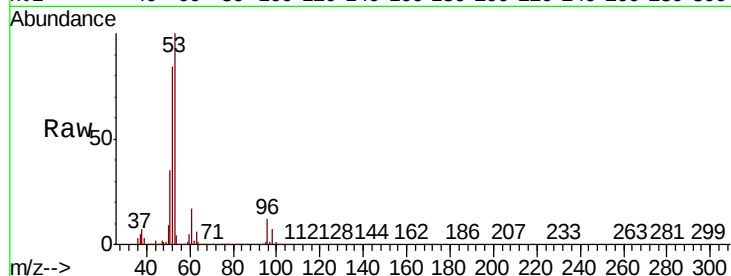
ClientSampleId :

VX1224WBS01

Tot Ion:	53	Resp:	302916
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.0	99.0
51	35.9	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 102.048 ug/l

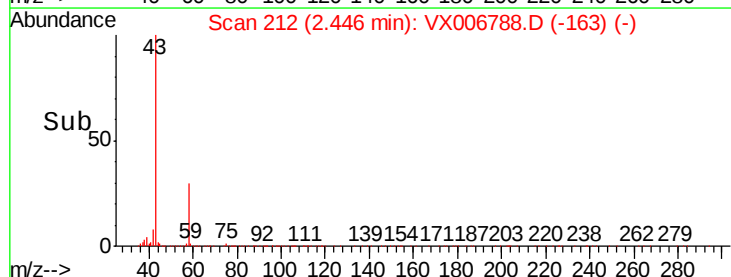
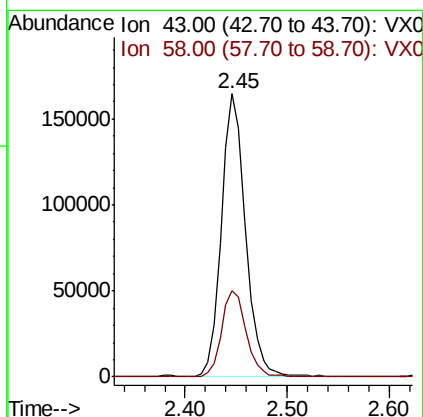
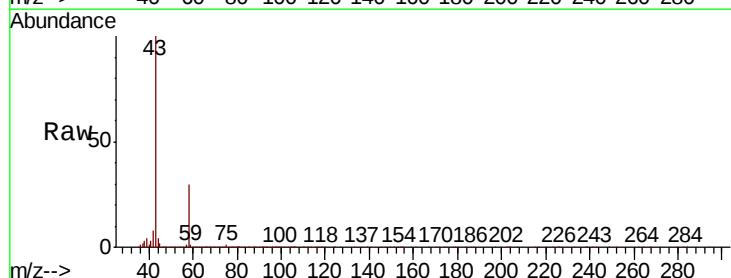
RT: 2.45 min Scan# 212

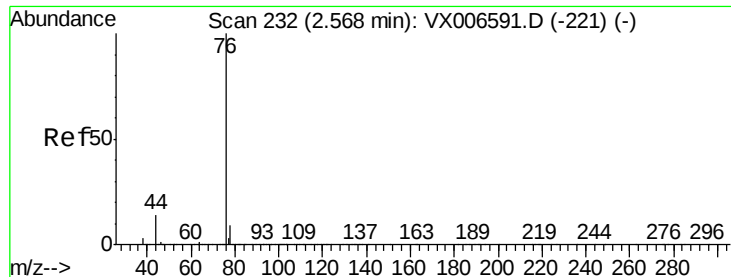
Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	43	Resp:	268751
Ion Ratio		Lower	Upper
43	100		
58	30.3	25.0	37.6





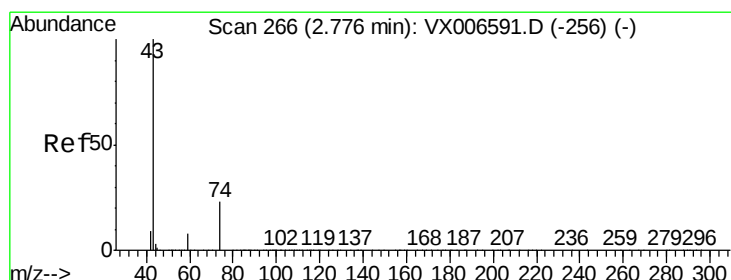
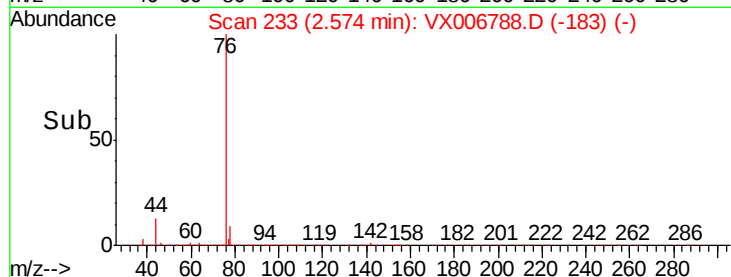
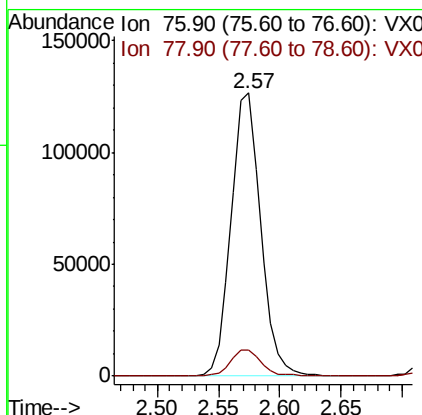
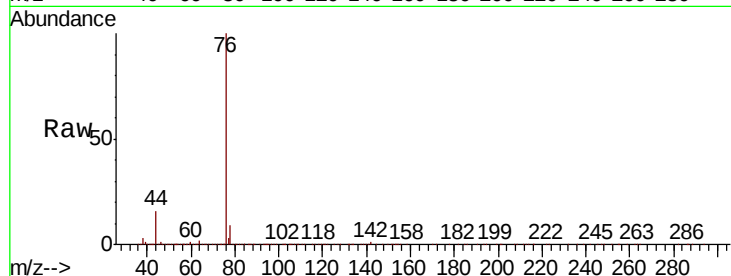
#17
Carbon Disulfide
Concen: 16.839 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

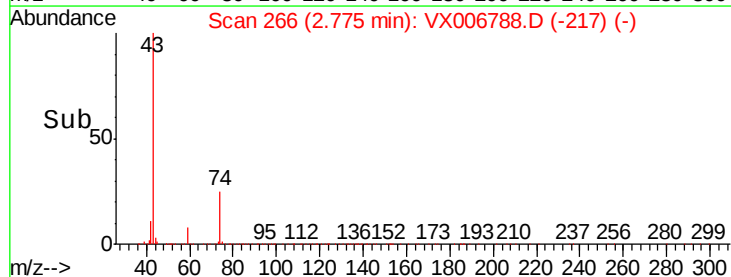
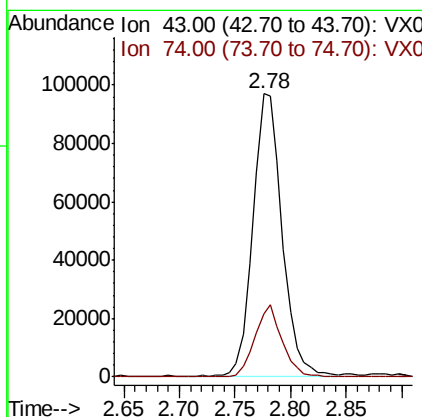
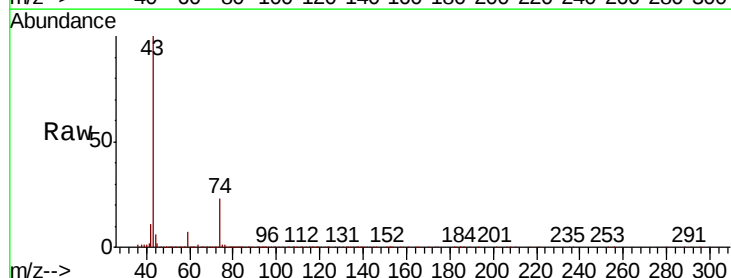
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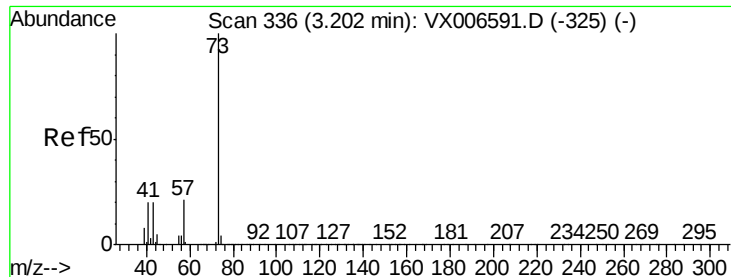
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#18
Methyl Acetate
Concen: 22.786 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.6	28.0





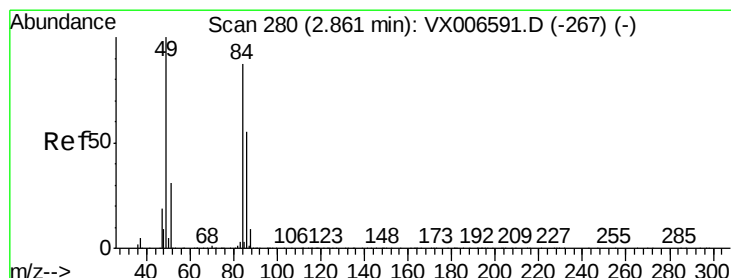
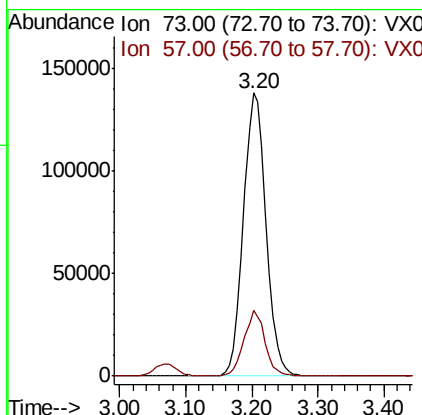
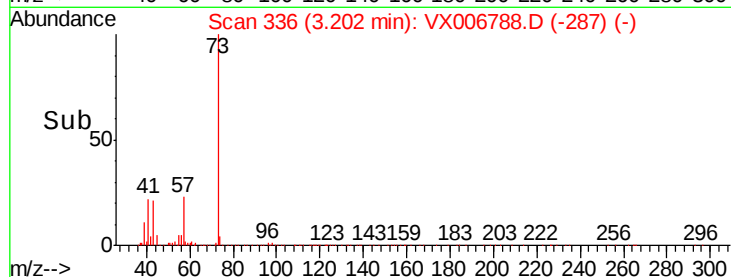
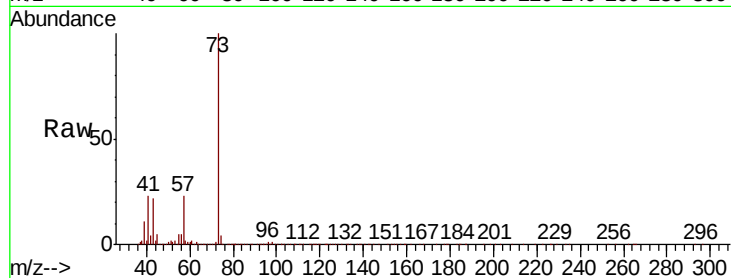
#19
Methvl tert-butvl Ether
Concen: 20.853 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	16.8	25.2

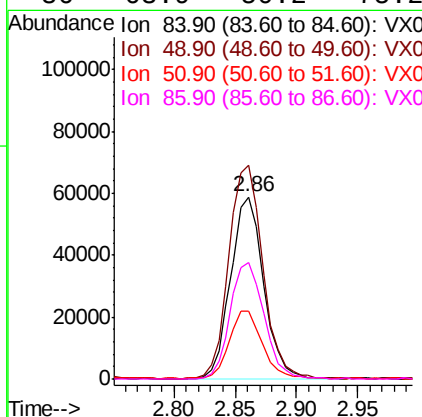
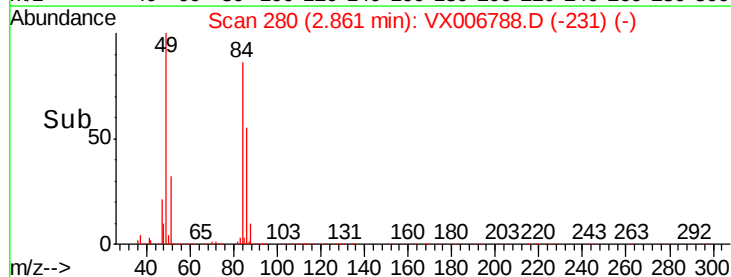
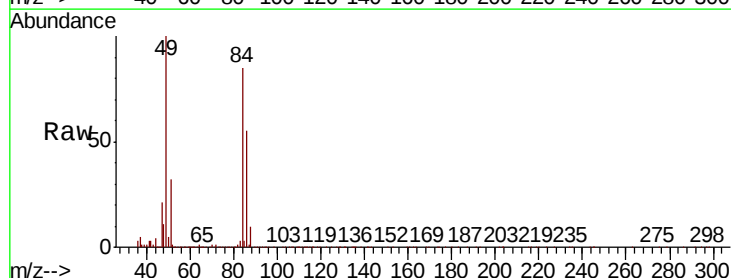
Manual Integrations
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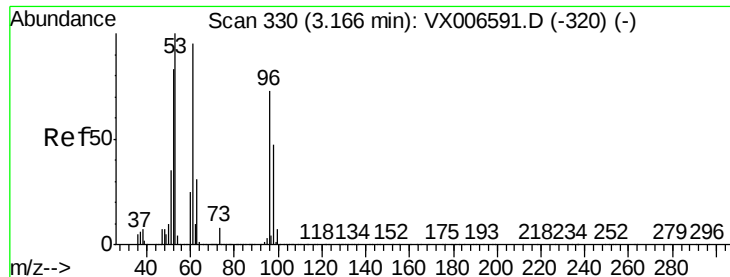
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#20
Methylene Chloride
Concen: 20.135 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.8	91.8	137.6
51	37.0	28.5	42.7
86	63.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 19.029 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

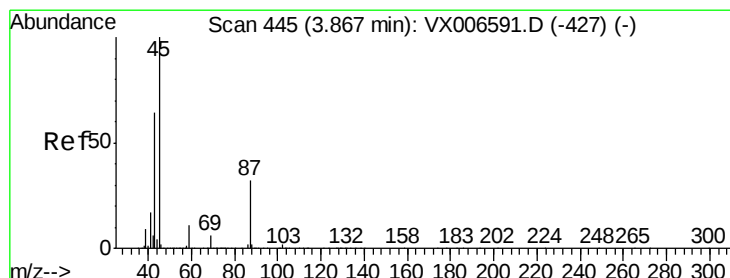
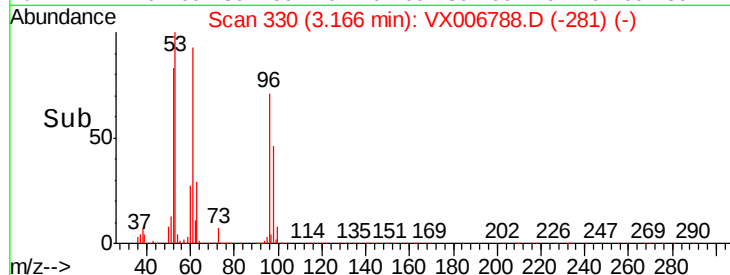
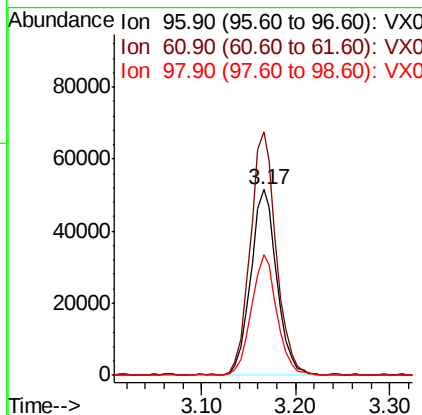
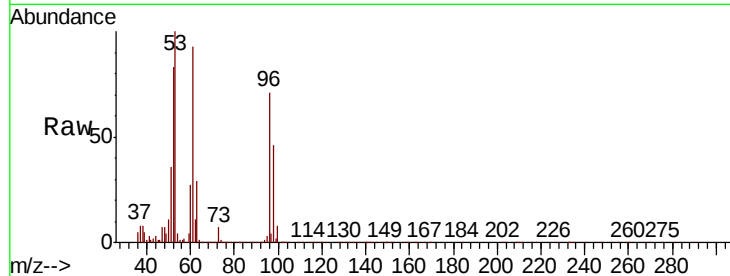
ClientSampleId :

VX1224WBS01

Tot Ion:	96	Resp:	100192
Ion	Ratio	Lower	Upper
96	100		
61	130.7	103.7	155.5
98	64.7	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.231 ug/l

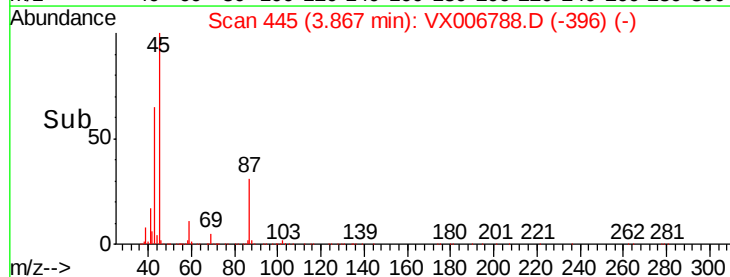
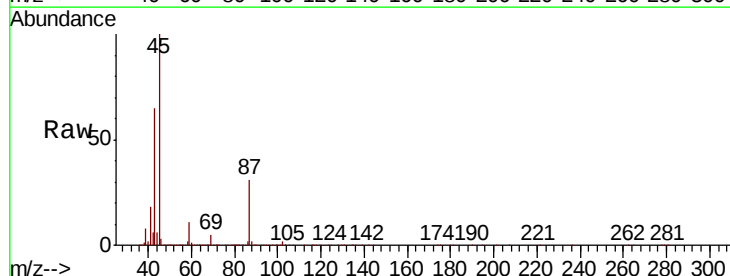
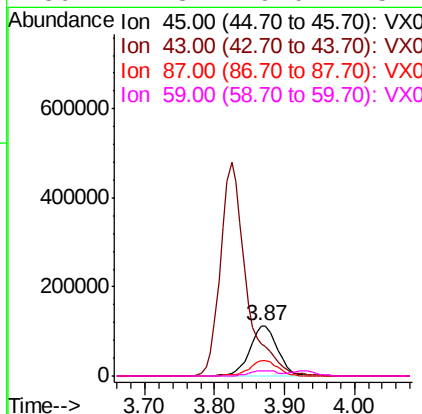
RT: 3.87 min Scan# 445

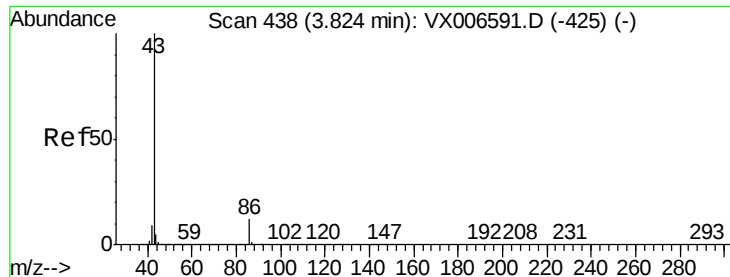
Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	45	Resp:	310690
Ion	Ratio	Lower	Upper
45	100		
43	64.6	51.2	76.8
87	31.3	25.8	38.6
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 103.004 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 43 Resp: 1232930

Ion Ratio Lower Upper

43 100

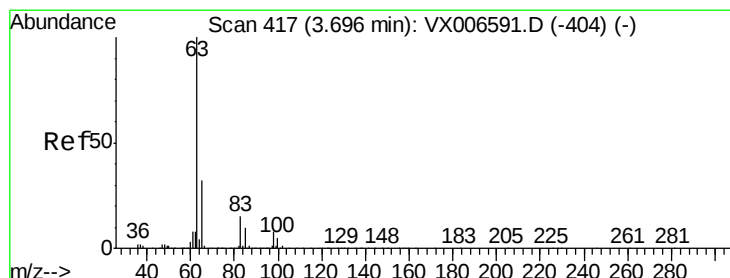
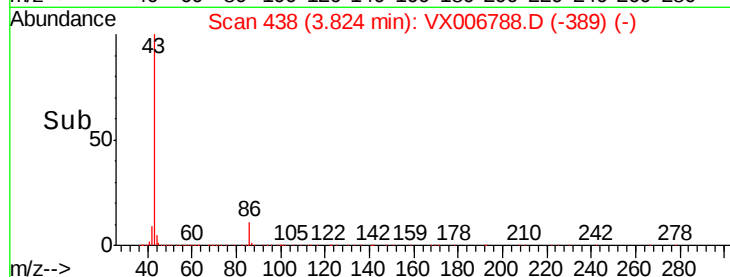
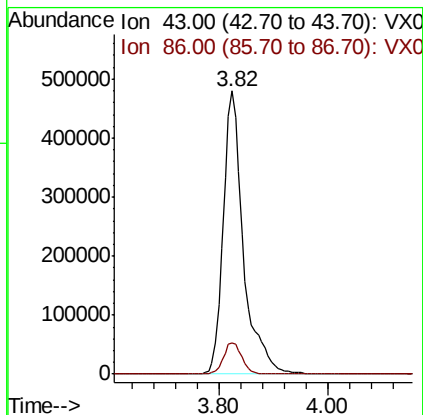
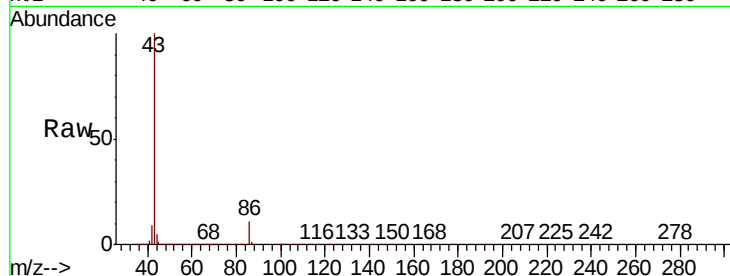
86 11.1 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 19.923 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

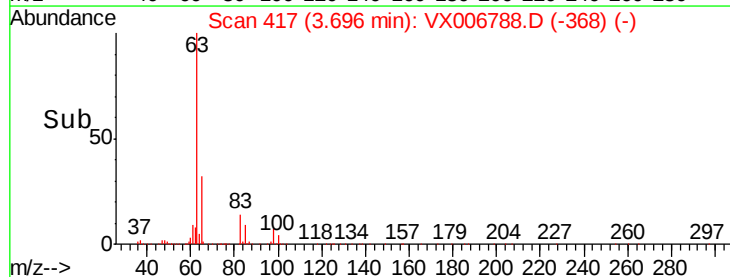
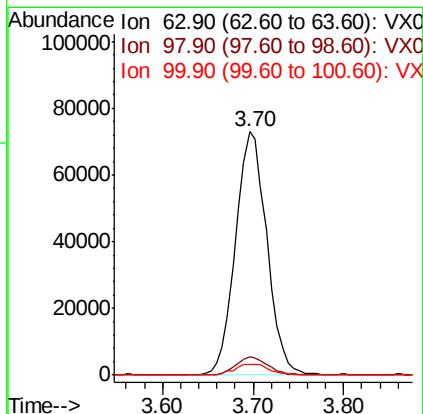
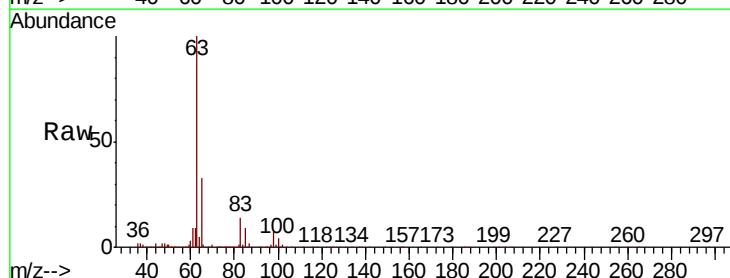
Tgt Ion: 63 Resp: 174037

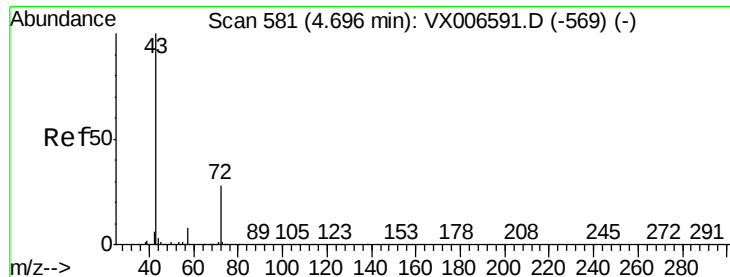
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 105.867 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 43 Resp: 392180

Ion Ratio Lower Upper

43 100

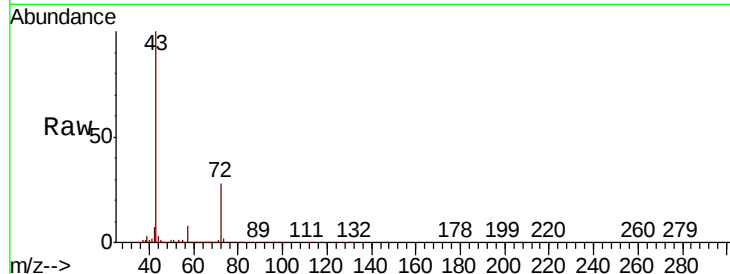
72 27.4 22.4 33.6

Manual Integrations

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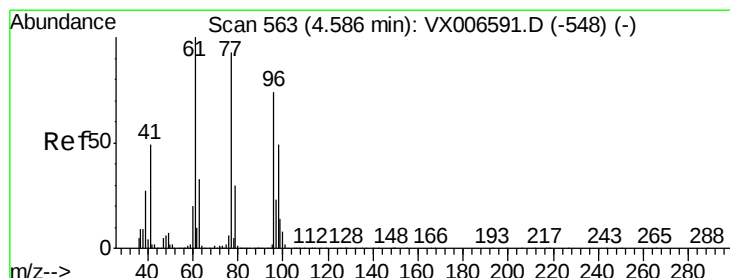
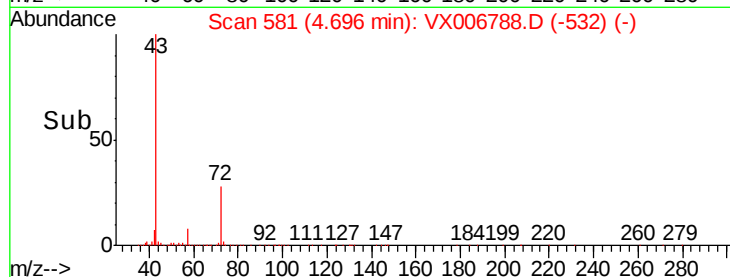
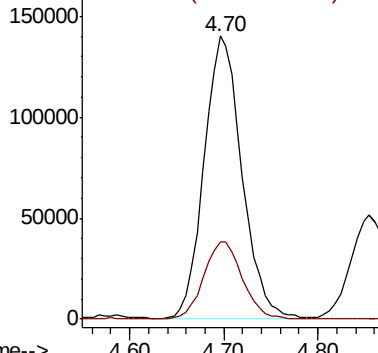
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.817 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006788.D

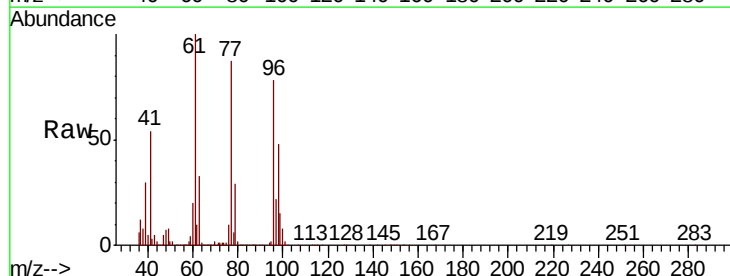
Acq: 24 Dec 2018 12:12

Tgt Ion: 77 Resp: 120227

Ion Ratio Lower Upper

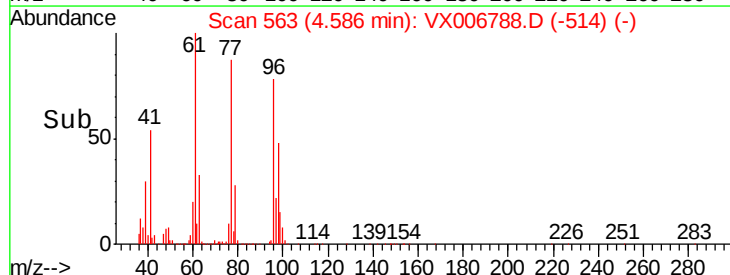
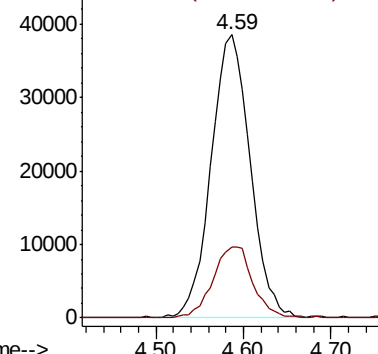
77 100

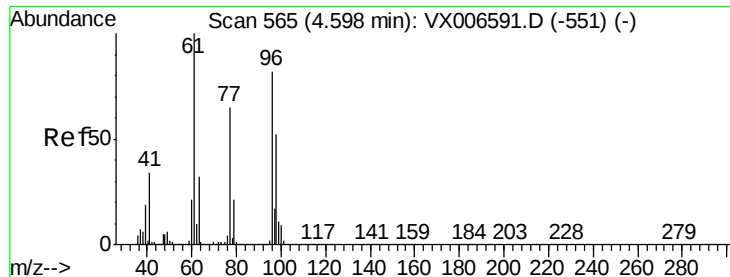
97 25.5 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

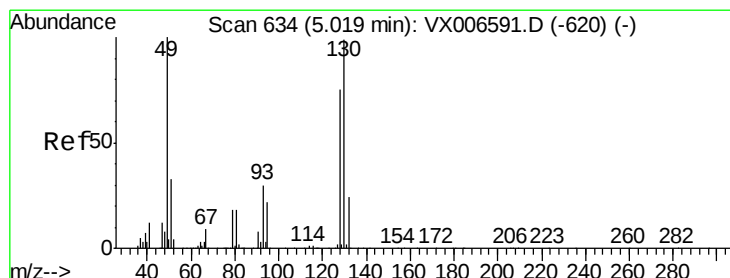
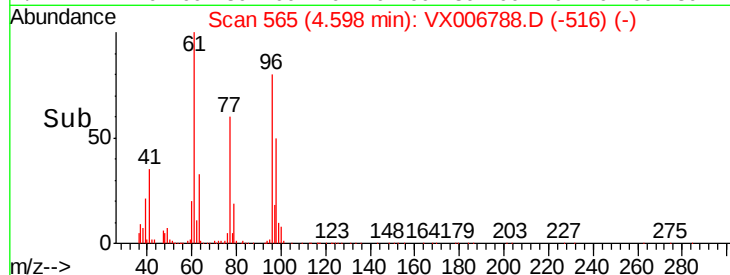
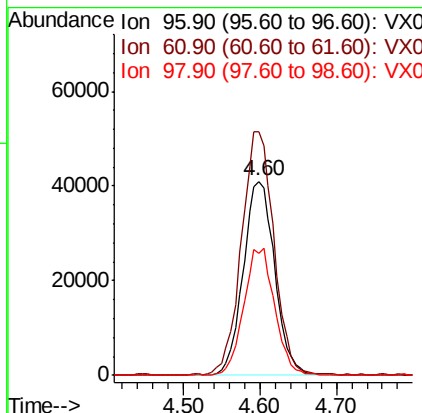
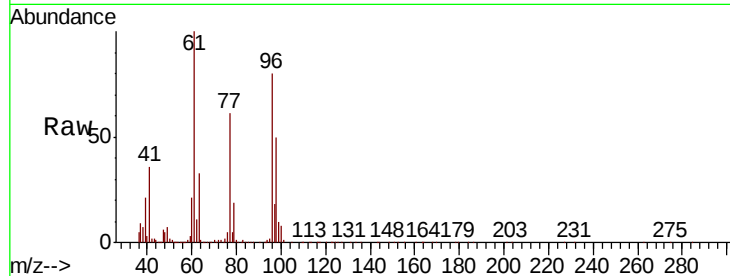
cis-1,2-Dichloroethene
 Concen: 20.250 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	258.6
98	64.4	0.0	132.0

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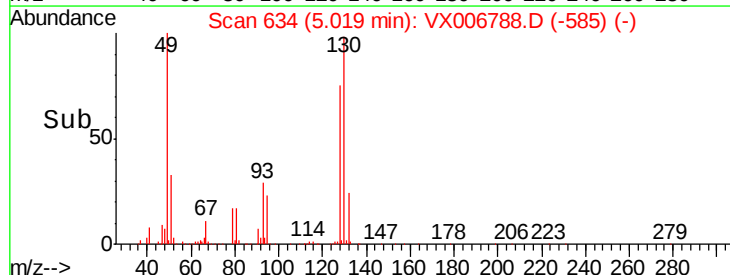
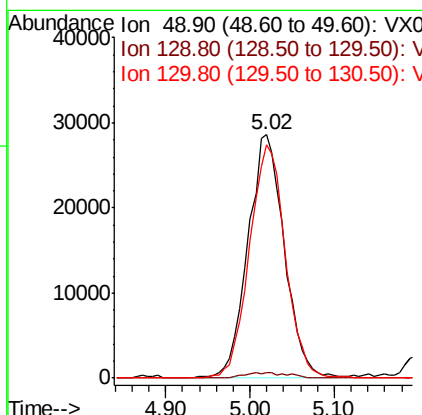
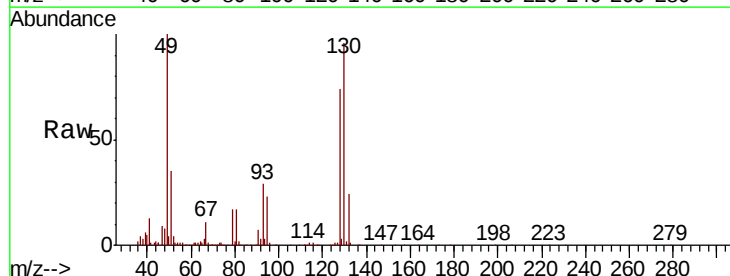
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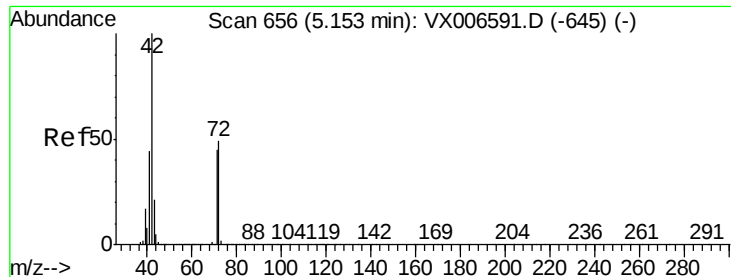


#28

Bromochloromethane
 Concen: 21.733 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	94.6	77.7	116.5





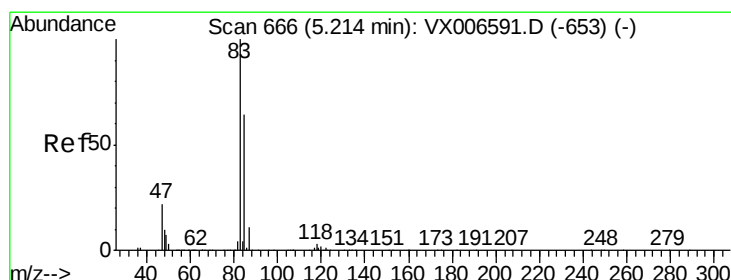
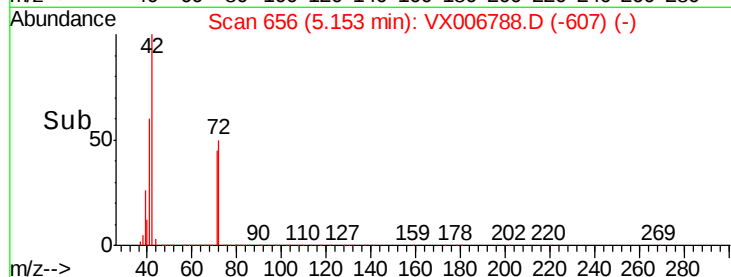
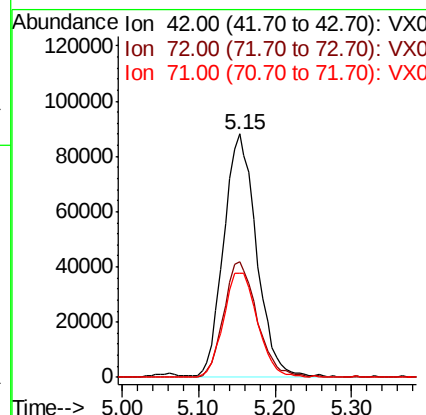
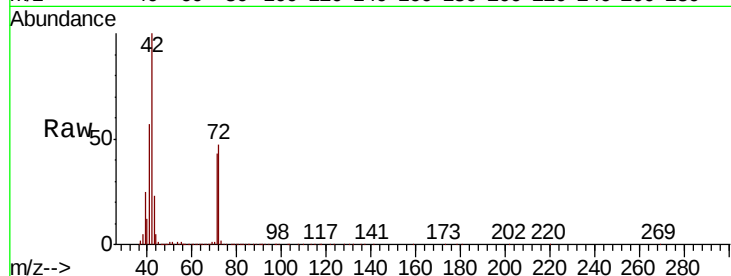
#29
Tetrahydrofuran
Concen: 106.476 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion:	42	Resp:	259787
Ion Ratio		Lower	Upper
42	100		
72	48.6	38.9	58.3
71	45.0	36.2	54.4

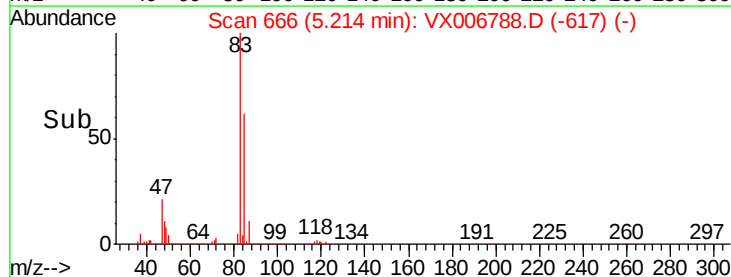
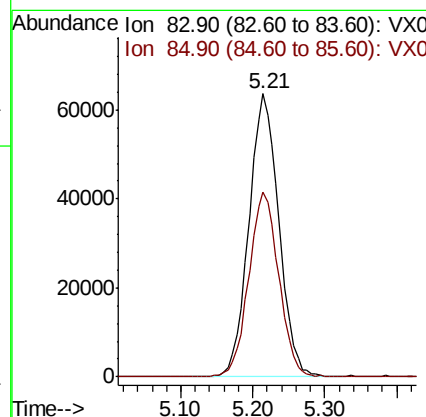
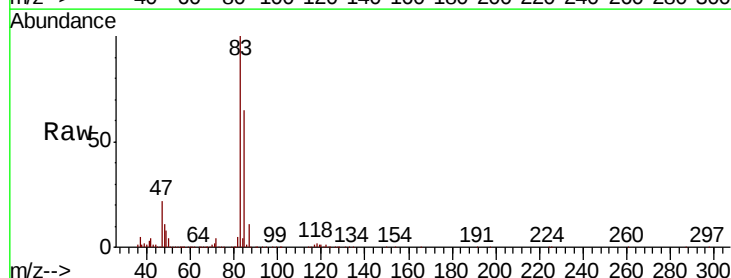
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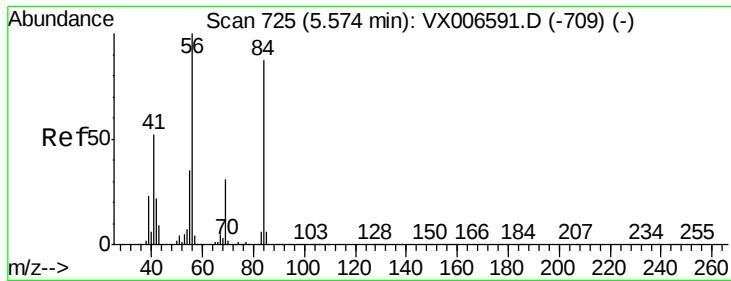
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#30
Chloroform
Concen: 20.243 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion:	83	Resp:	183122
Ion Ratio		Lower	Upper
83	100		
85	65.5	51.2	76.8





#31

Cyclohexane

Concen: 19.141 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

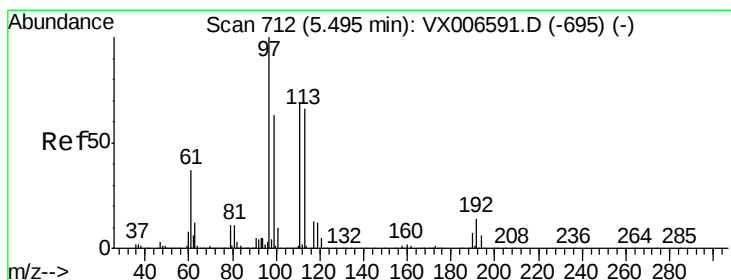
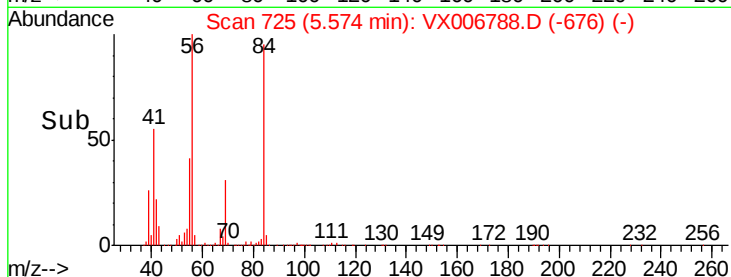
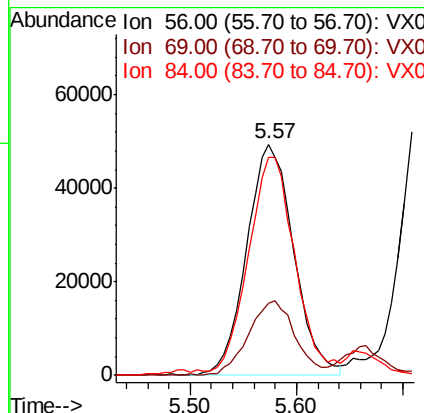
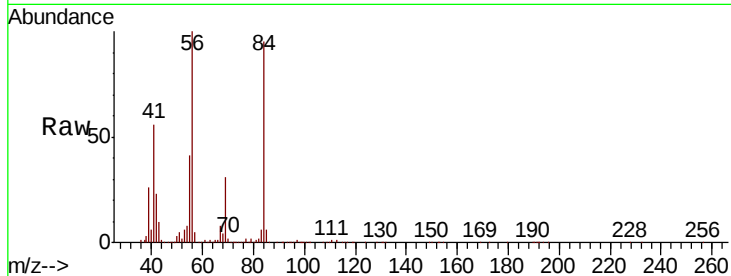
ClientSampleId :

VX1224WBS01

Tot Ion:	56	Resp:	151901
Ion Ratio	Lower	Upper	
56	100		
69	30.5	24.4	36.6
84	93.3	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 19.845 ug/l

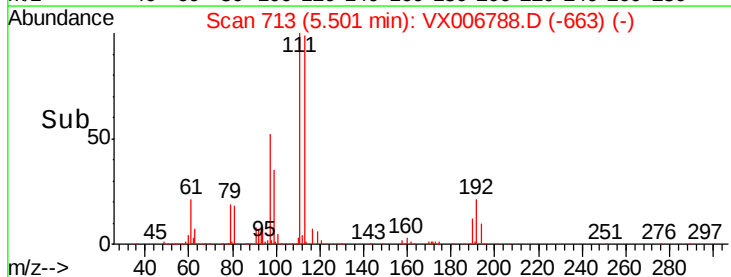
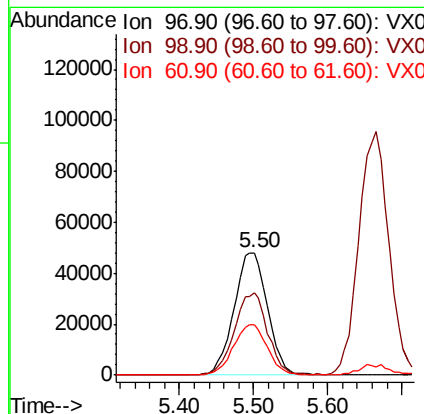
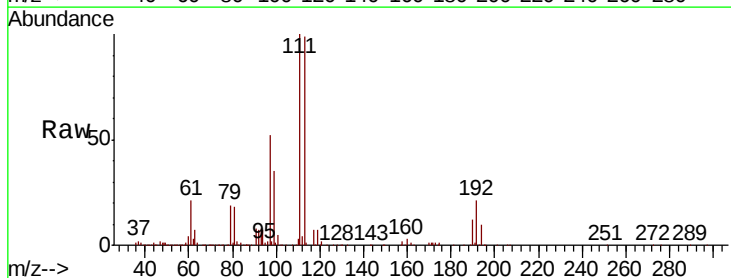
RT: 5.50 min Scan# 713

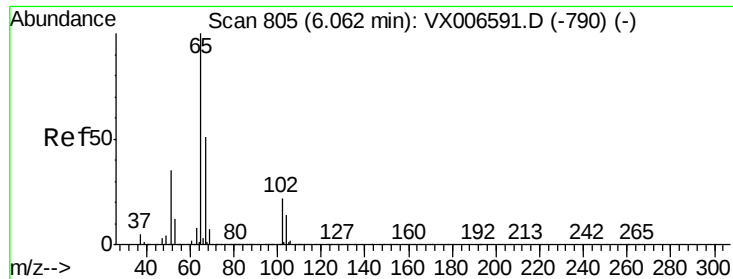
Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	97	Resp:	151583
Ion Ratio	Lower	Upper	
97	100		
99	66.1	51.7	77.5
61	41.5	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.578 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 65 Resp: 289923

Ion Ratio Lower Upper

65 100

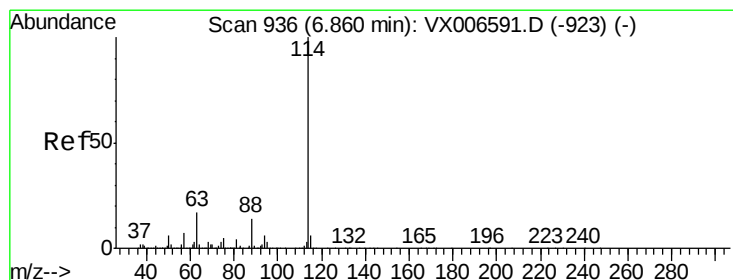
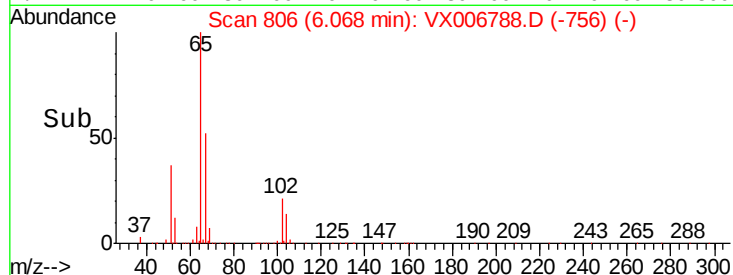
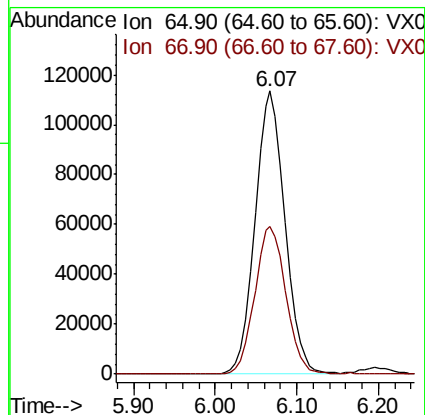
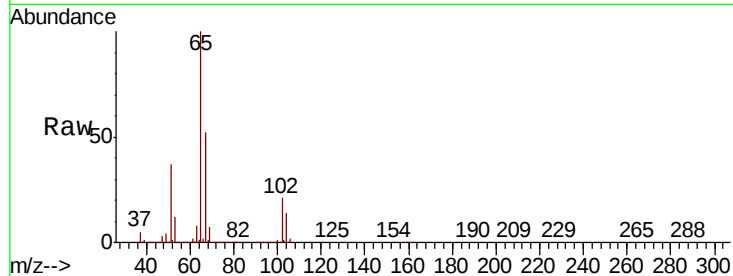
67 54.4 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

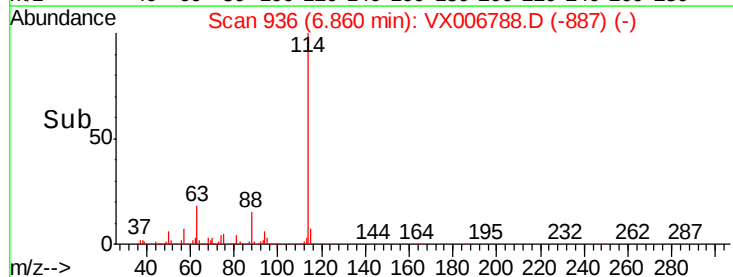
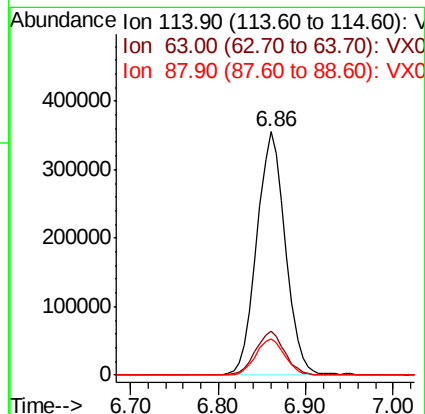
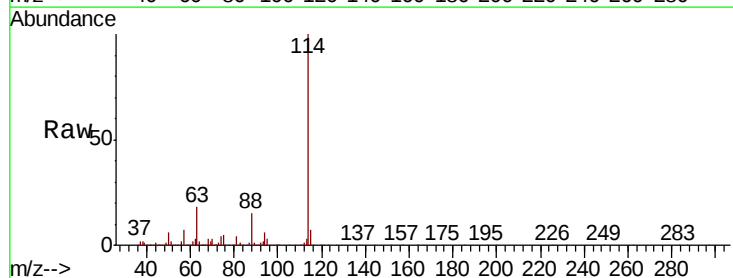
Tgt Ion: 114 Resp: 806222

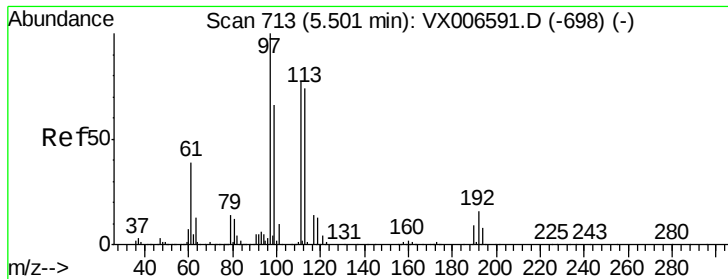
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.794 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

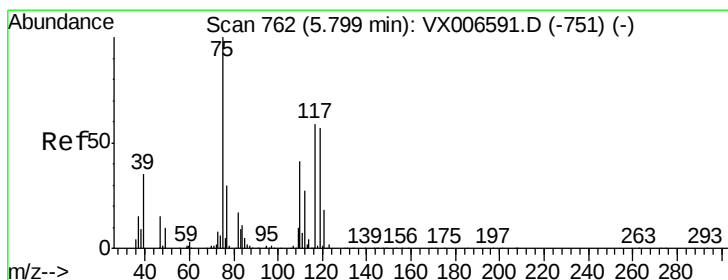
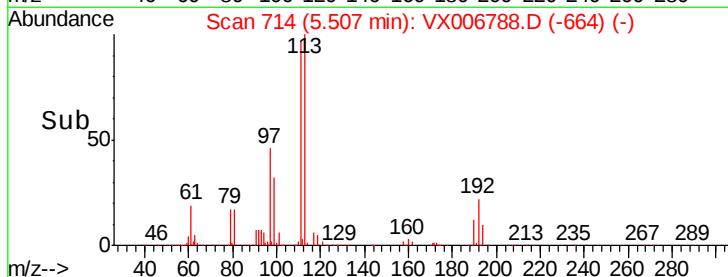
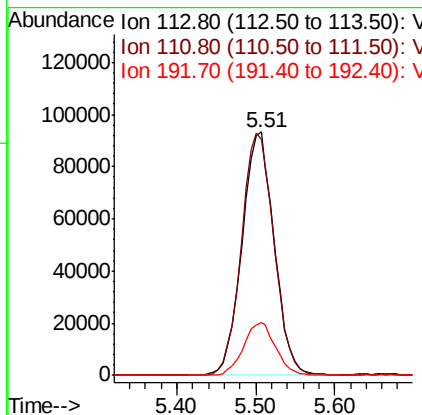
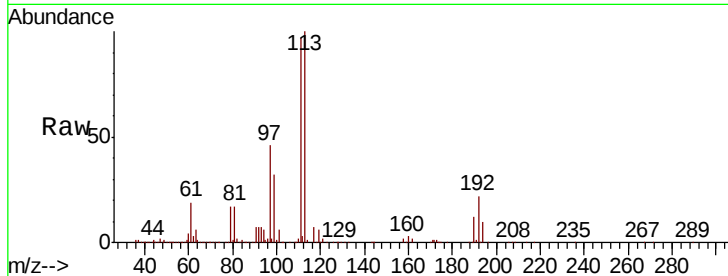
ClientSampleId :

VX1224WBS01

Tot Ion:	113	Resp:	264068
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.6	122.4
192	21.6	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 19.502 ug/l

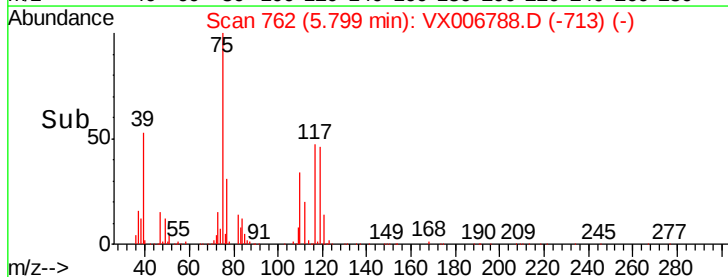
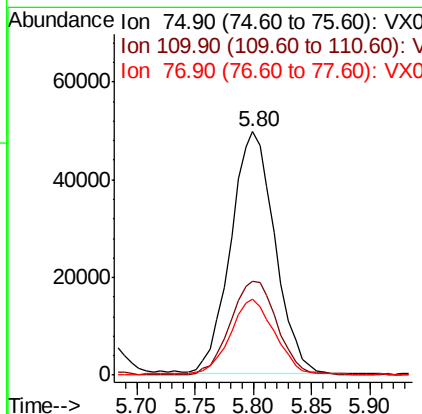
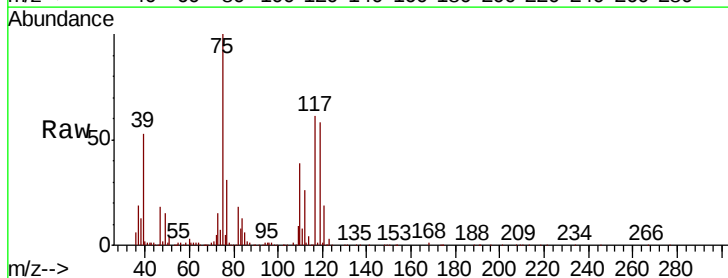
RT: 5.80 min Scan# 762

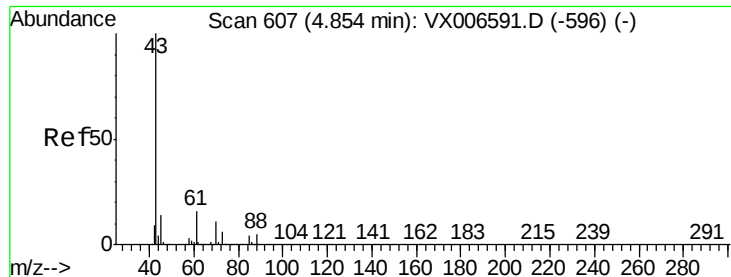
Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	75	Resp:	130222
Ion Ratio	Lower	Upper	
75	100		
110	41.3	20.2	60.5
77	30.9	24.8	37.2





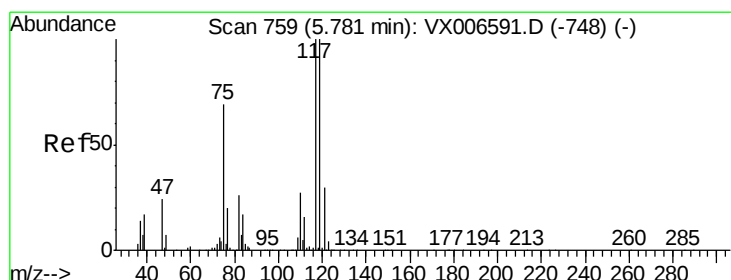
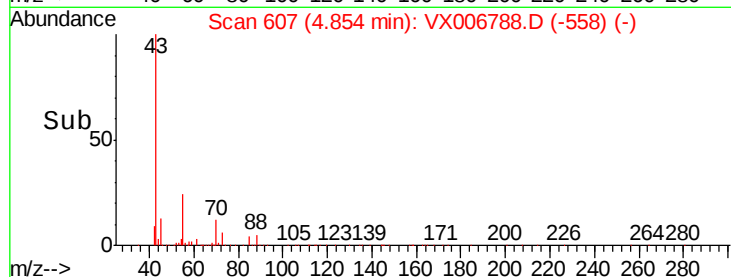
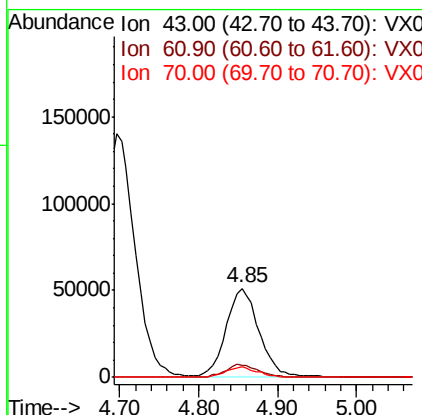
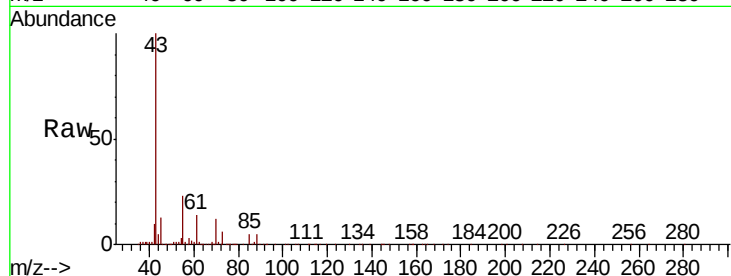
#37
Ethyl Acetate
Concen: 21.348 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	43	Resp	148369
Ion Ratio	Lower	Upper	
43	100		
61	15.1	11.9	17.9
70	11.8	9.7	14.5

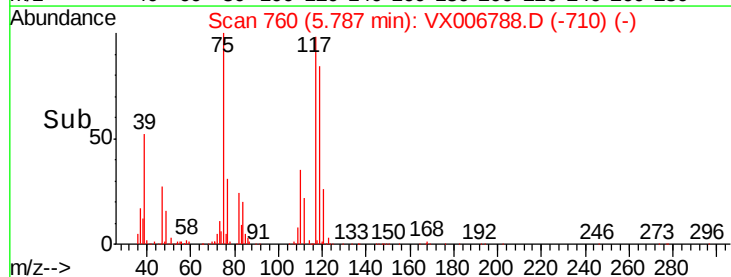
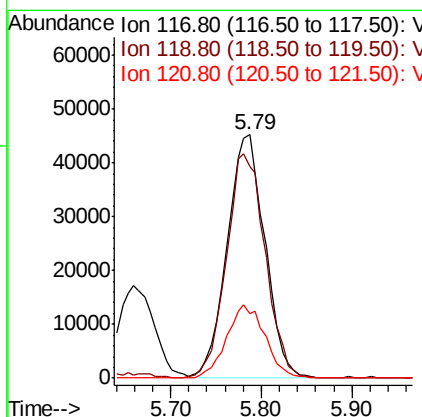
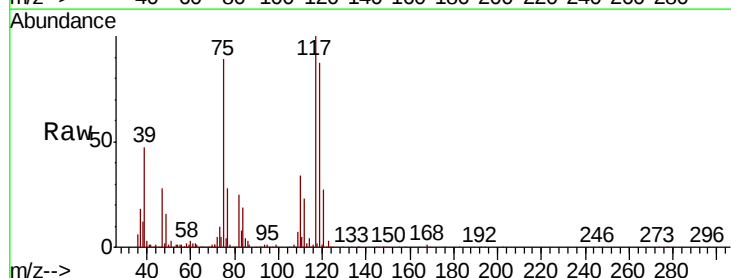
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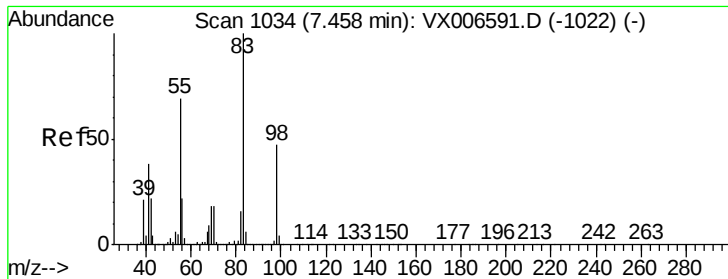
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#38
Carbon Tetrachloride
Concen: 19.999 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	117	Resp	129781
Ion Ratio	Lower	Upper	
117	100		
119	87.0	79.4	119.2
121	26.6	24.0	36.0





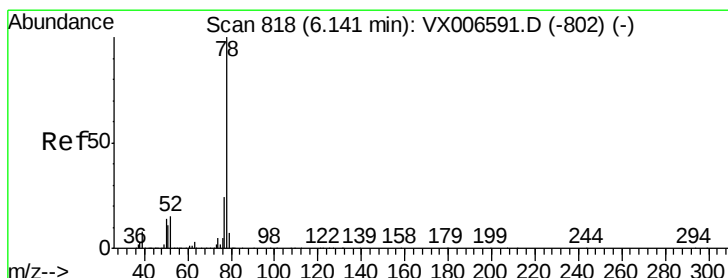
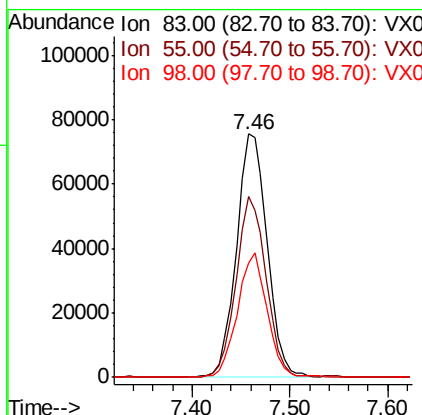
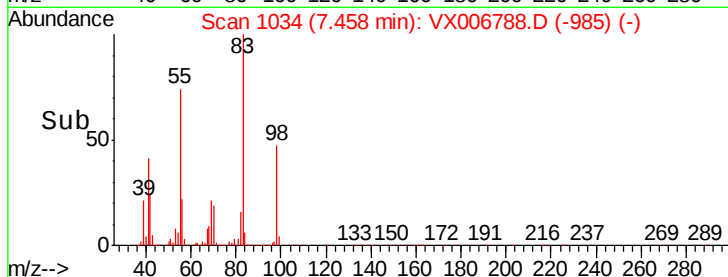
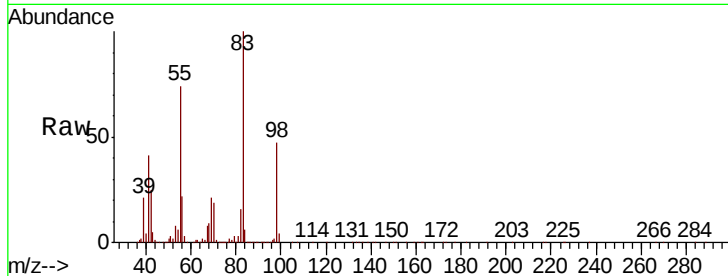
#39
Methylvlcyclohexane
Concen: 18.724 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	54.9	82.3
98	47.1	37.9	56.9

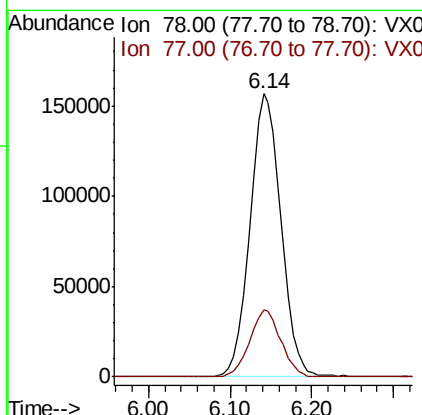
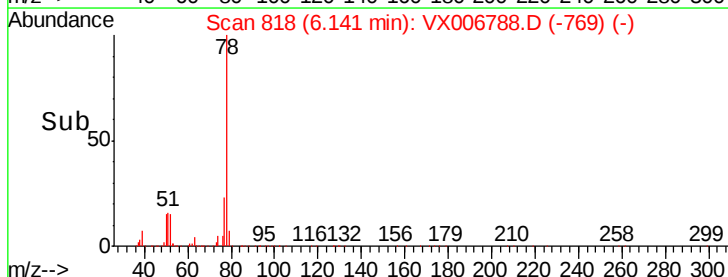
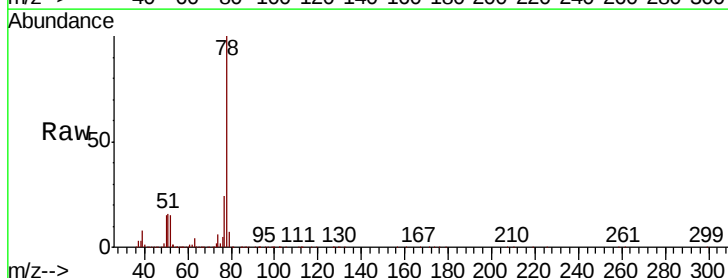
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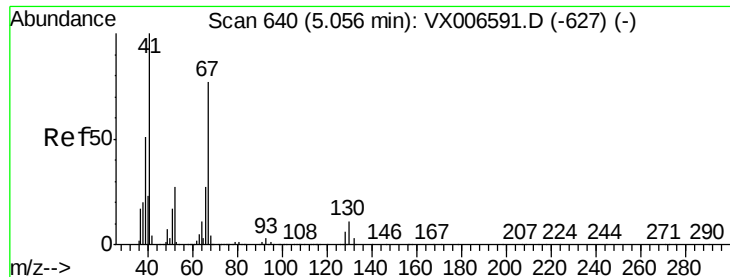
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#40
Benzene
Concen: 20.421 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





#41

Methacrylonitrile

Concen: 22.061 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

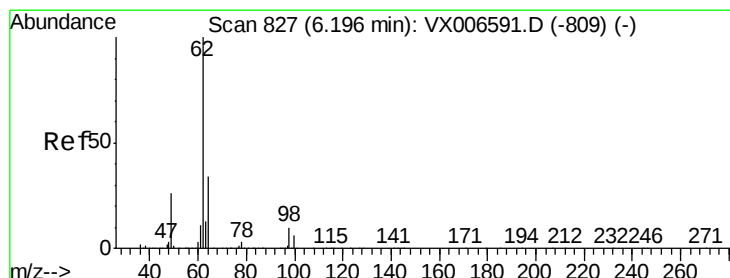
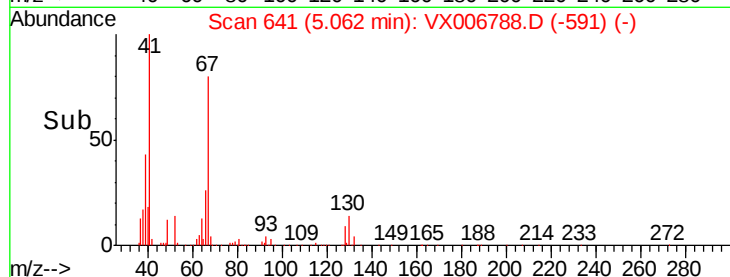
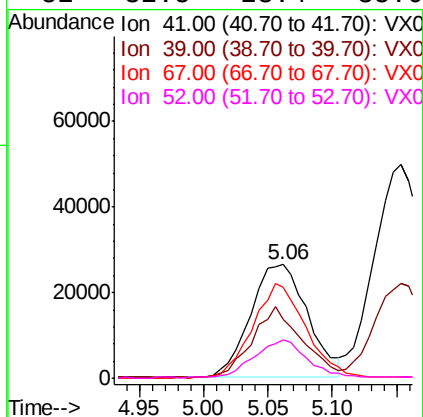
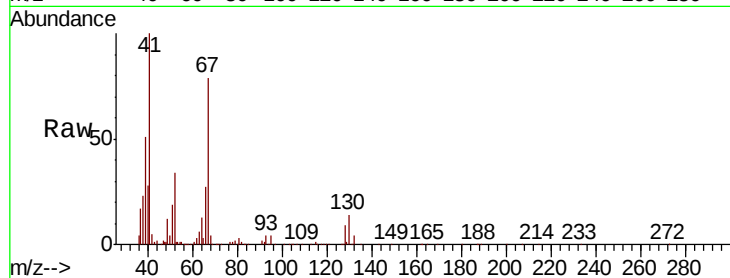
ClientSampleId :

VX1224WBS01

Tot Ion:	41	Resp:	81401
Ion Ratio	Lower	Upper	
41	100		
39	55.9	42.8	64.2
67	78.4	62.1	93.1
52	32.5	23.4	35.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.661 ug/l

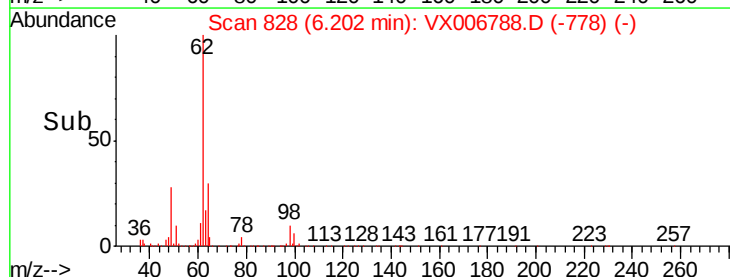
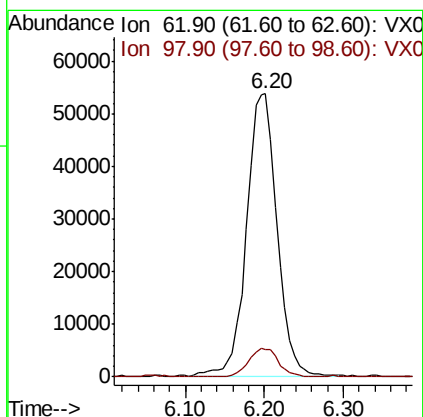
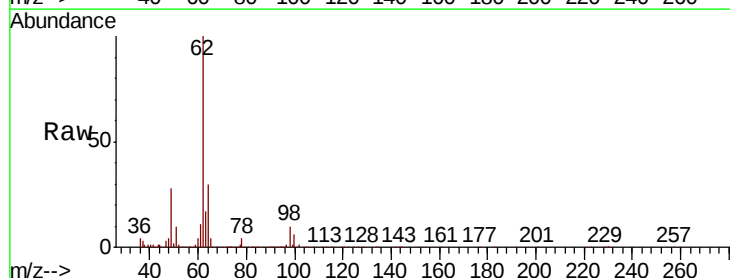
RT: 6.20 min Scan# 828

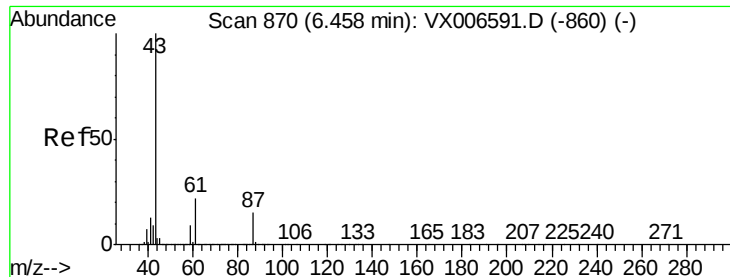
Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	62	Resp:	142897
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	20.2





#43

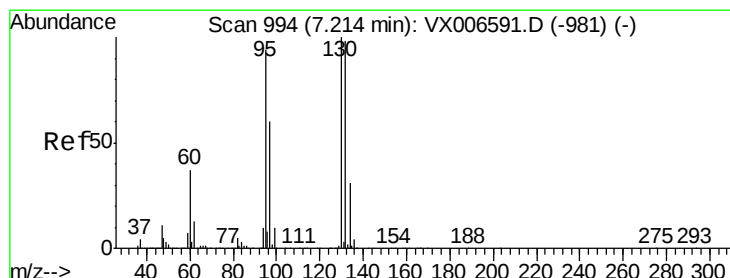
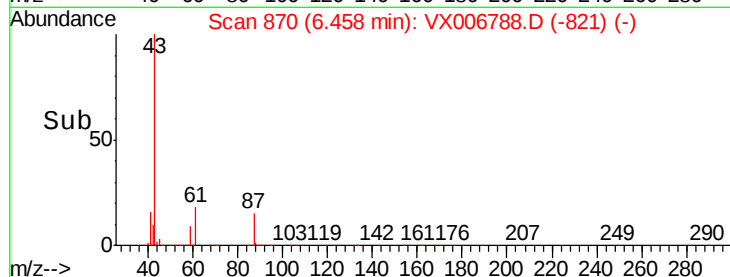
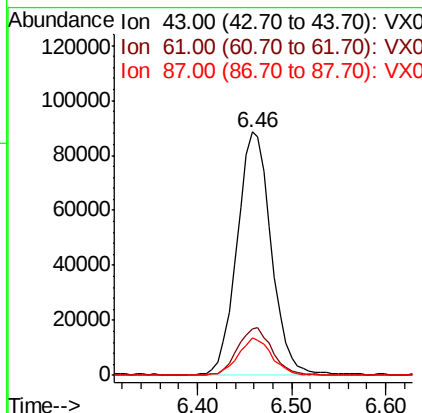
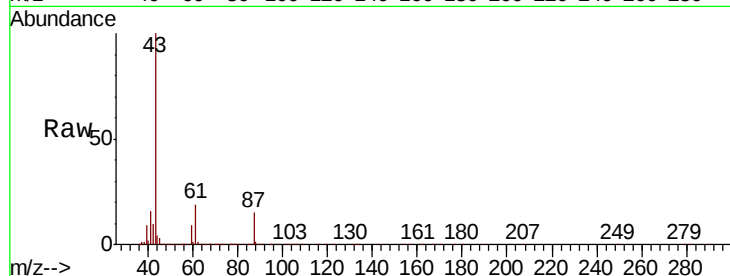
Isopropyl Acetate
 Concen: 20.988 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.8	25.2
87	15.4	12.4	18.6

Manual Integrations
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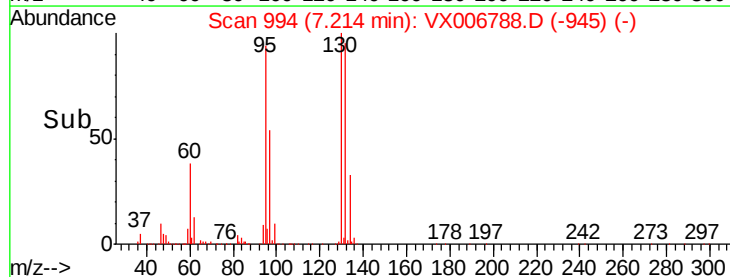
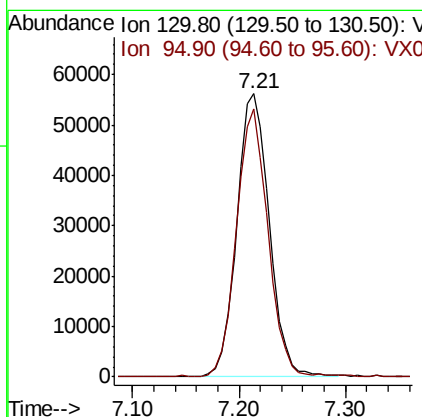
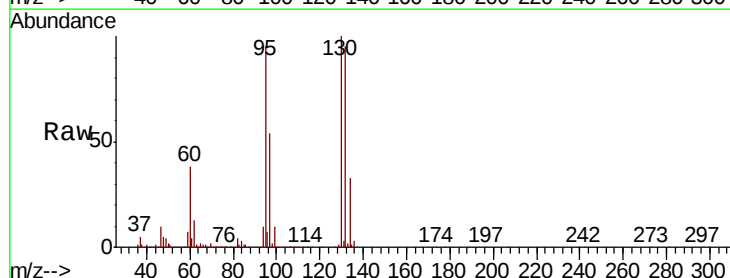
MMDadoda
 12/26/2018 9:57:12 AM

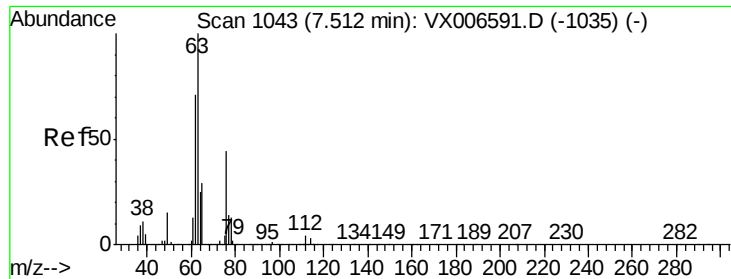


#44

Trichloroethene
 Concen: 19.612 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.619 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 63 Resp: 101842

Ion Ratio Lower Upper

63 100

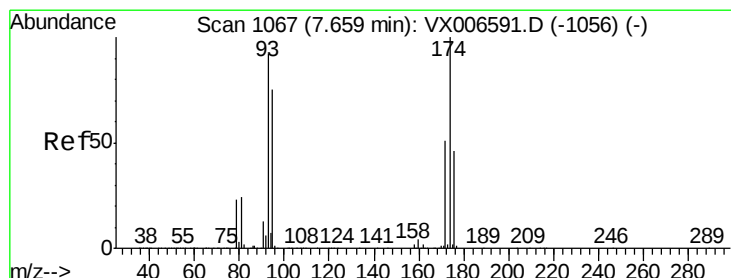
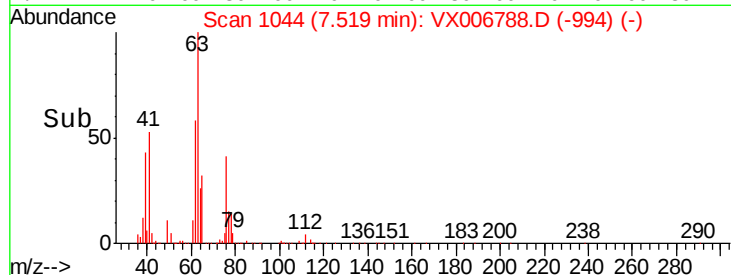
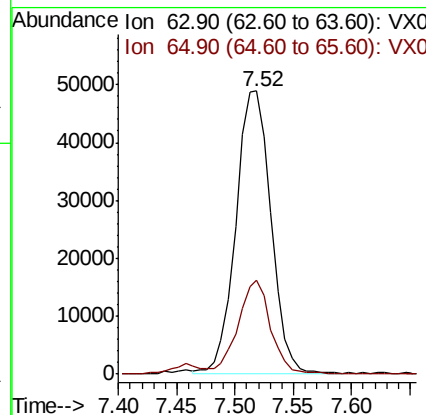
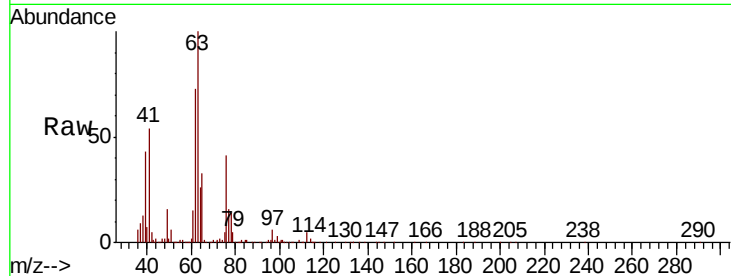
65 33.1 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 20.096 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

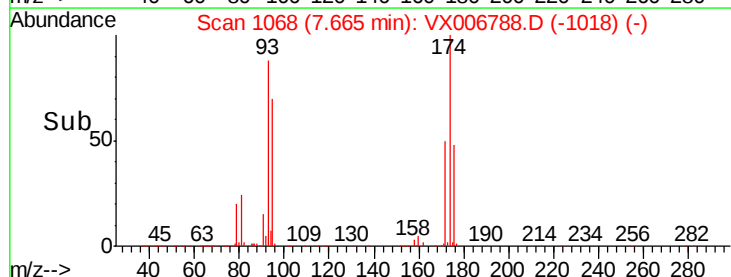
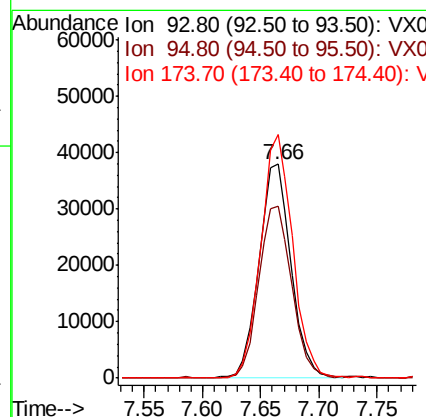
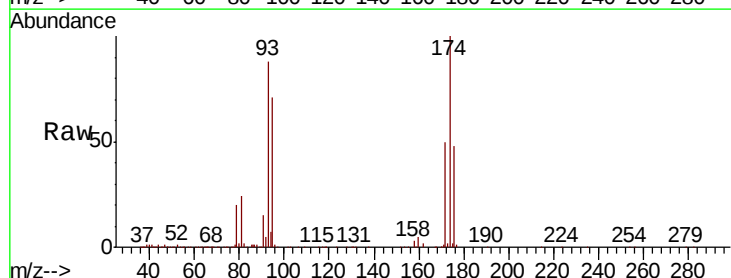
Tgt Ion: 93 Resp: 73009

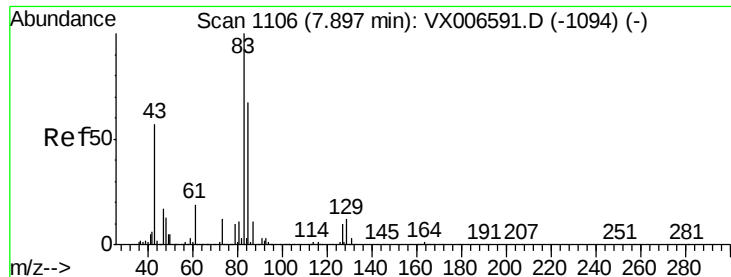
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 113.5 91.0 136.4





#47

Bromodichloromethane

Concen: 20.646 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

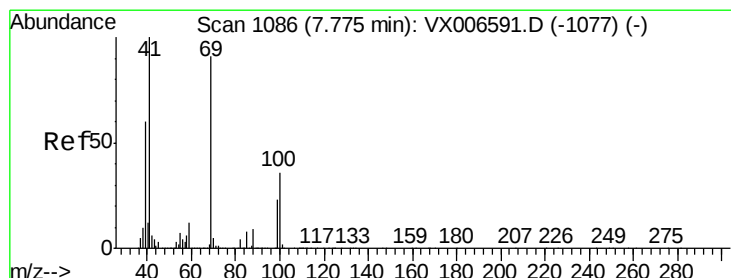
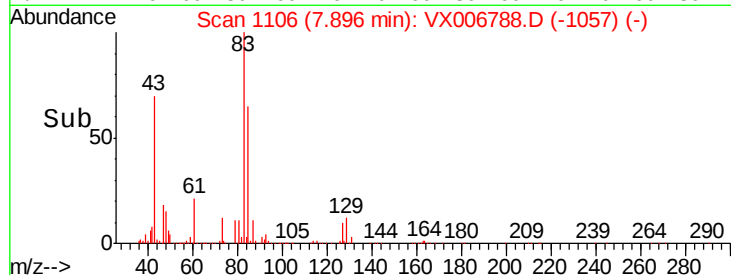
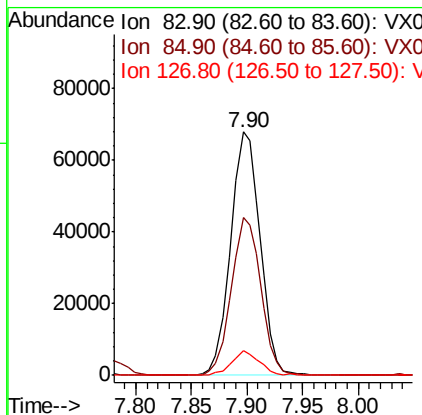
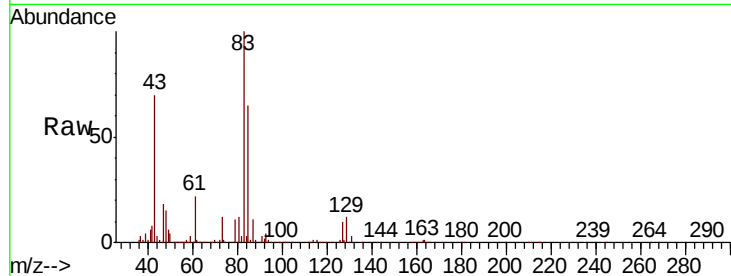
ClientSampleId :

VX1224WBS01

Tot Ion:	83	Resp:	124534
Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.2	79.8
127	10.2	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.864 ug/l

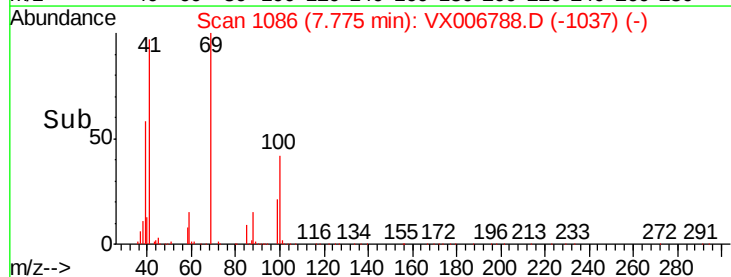
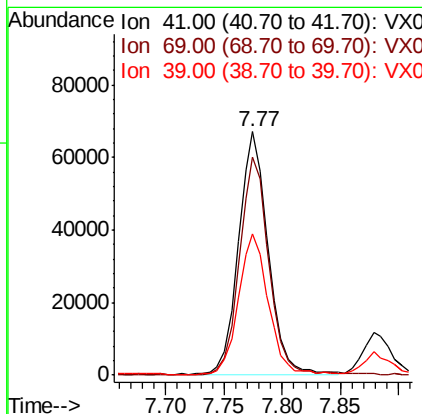
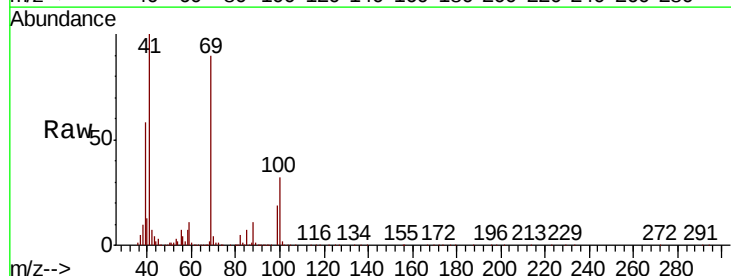
RT: 7.77 min Scan# 1086

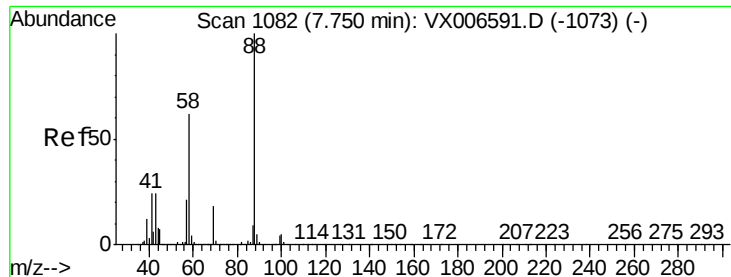
Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	41	Resp:	117573
Ion	Ratio	Lower	Upper
41	100		
69	89.5	72.4	108.6
39	58.8	45.8	68.8





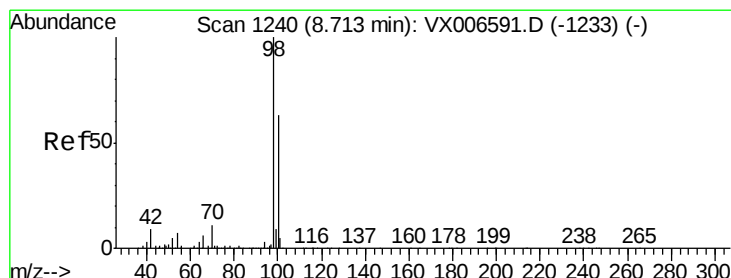
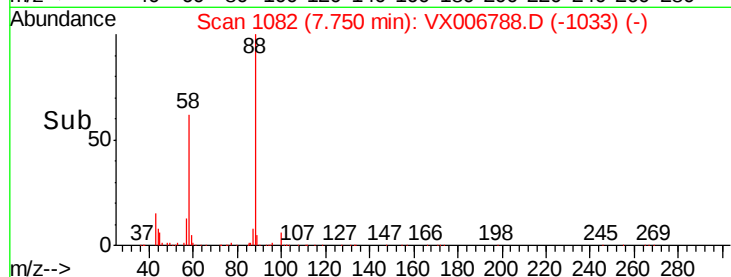
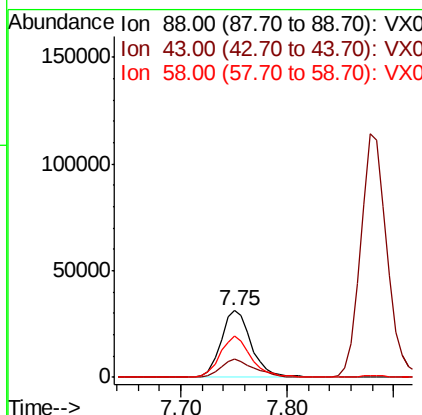
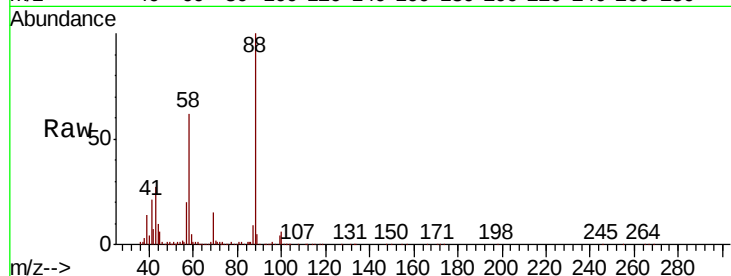
#49
1,4-Dioxane
Concen: 429.738 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.2	33.4
58	63.1	51.0	76.4

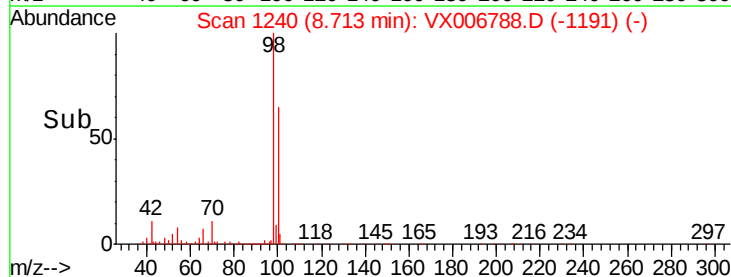
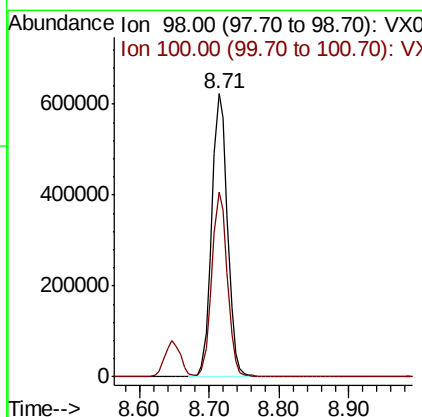
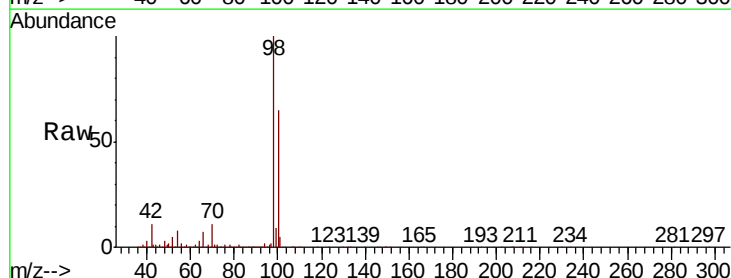
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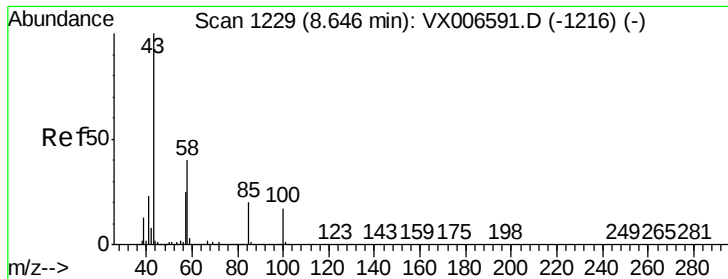
MMDadoda
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#50
Toluene-d8
Concen: 51.031 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





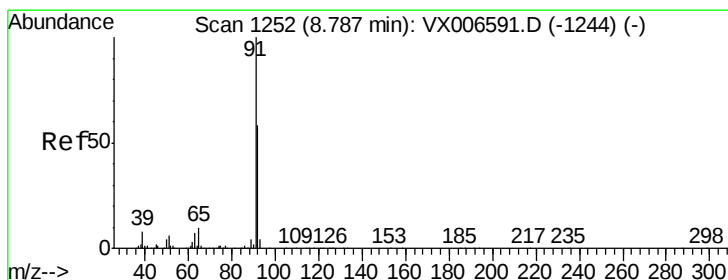
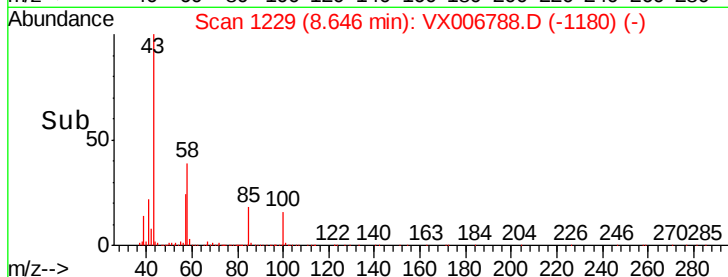
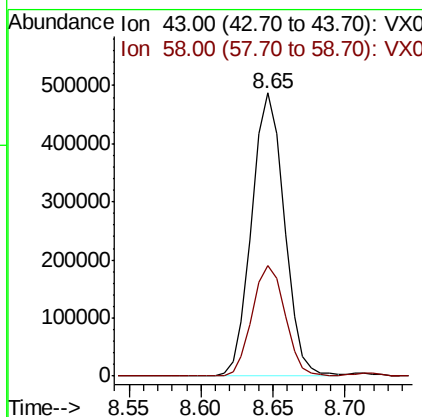
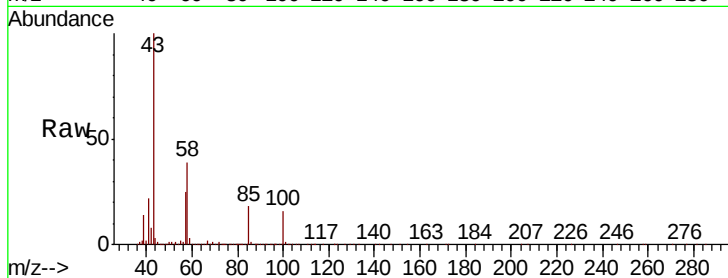
#51
4-Methyl-2-Pentanone
Concen: 113.249 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.8	47.6

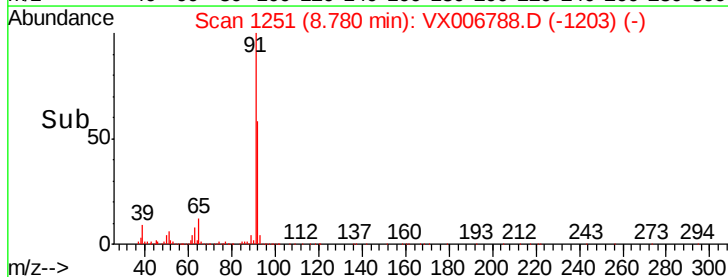
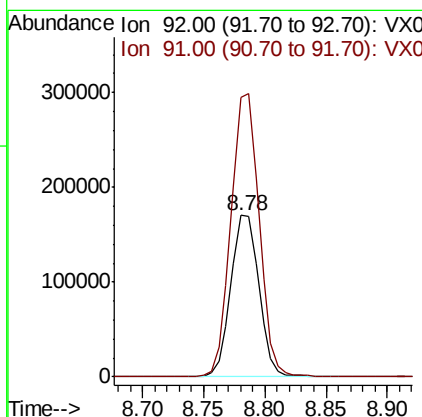
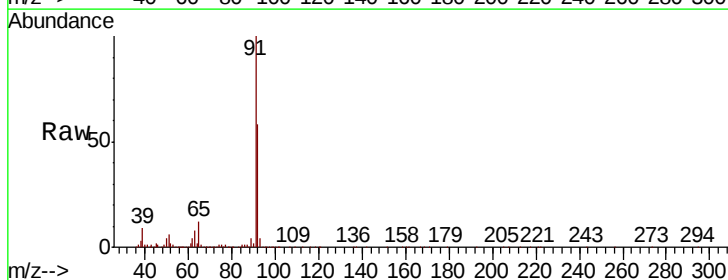
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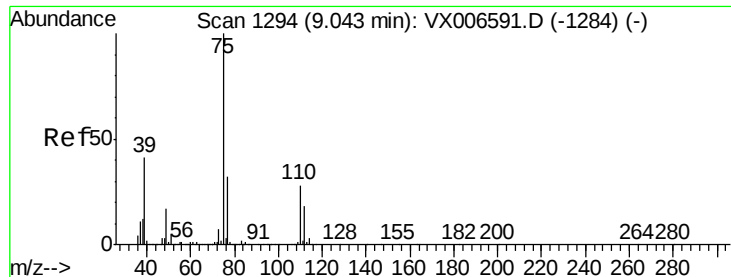
MMDadoda
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#52
Toluene
Concen: 20.811 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.1	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 19.356 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 75 Resp: 125211

Ion Ratio Lower Upper

75 100

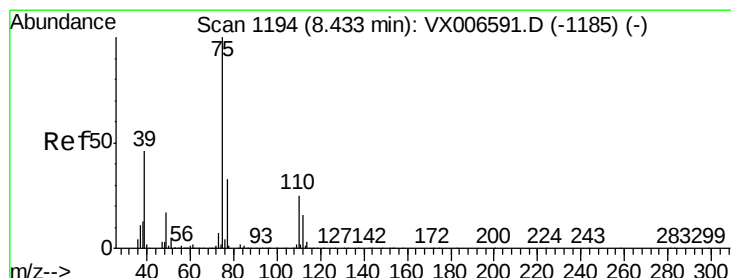
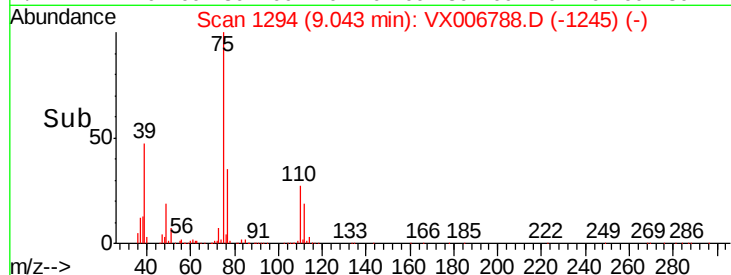
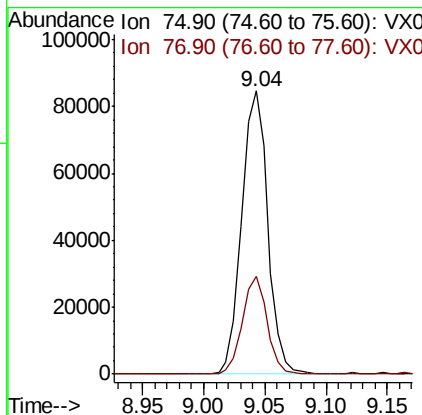
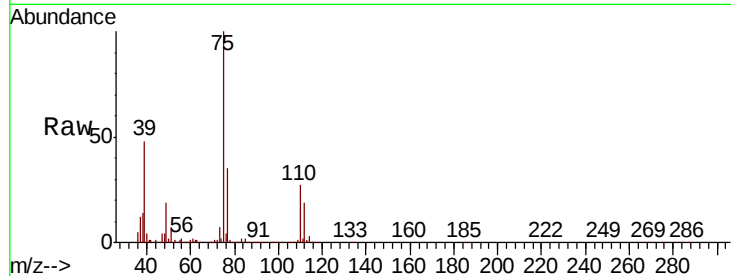
77 34.5 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 20.538 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

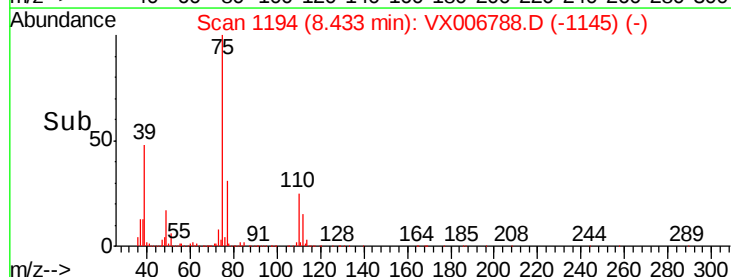
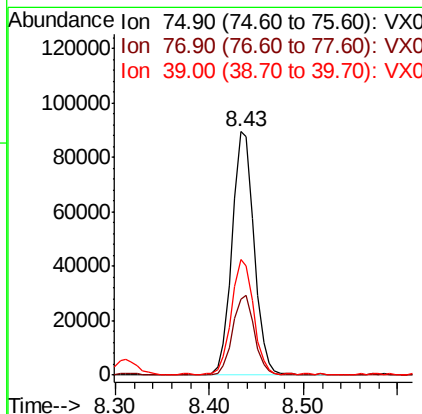
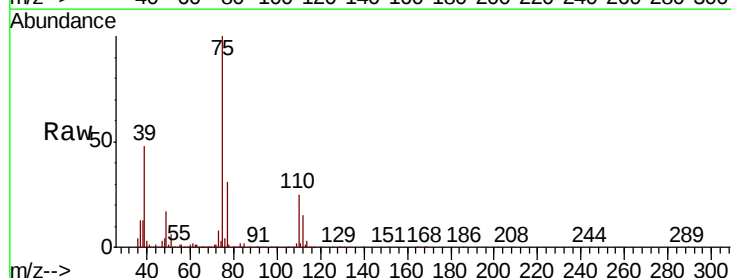
Tgt Ion: 75 Resp: 145779

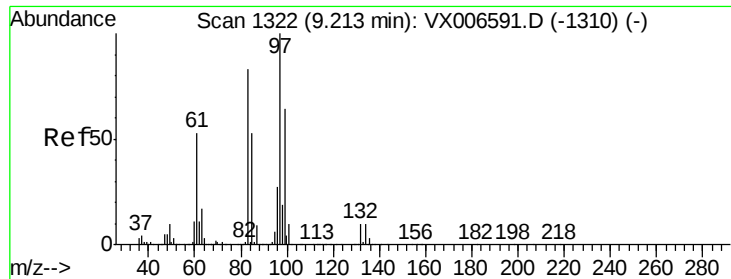
Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

39 47.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 21.777 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

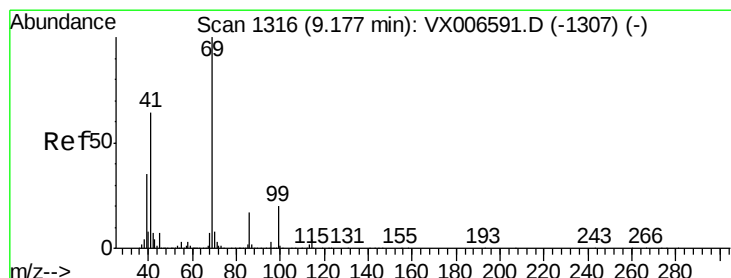
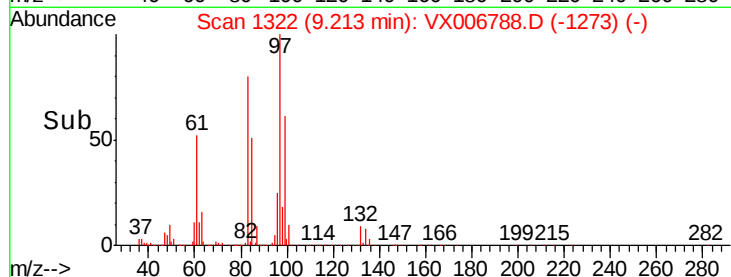
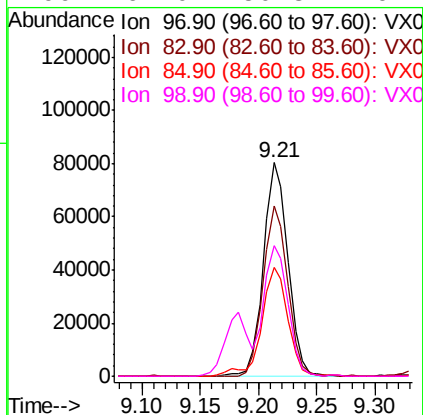
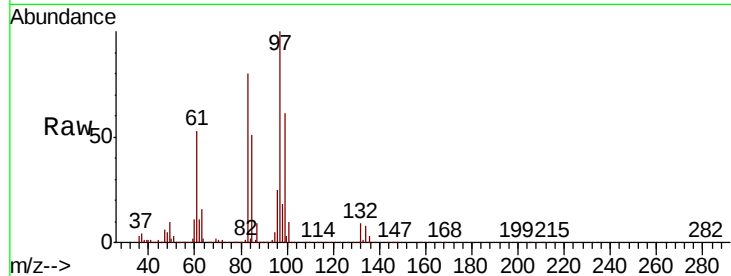
ClientSampleId :

VX1224WBS01

Tot Ion:	97	Resp:	116883
Ion	Ratio	Lower	Upper
97	100		
83	79.7	66.6	99.8
85	51.1	42.7	64.1
99	61.0	50.8	76.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 21.608 ug/l

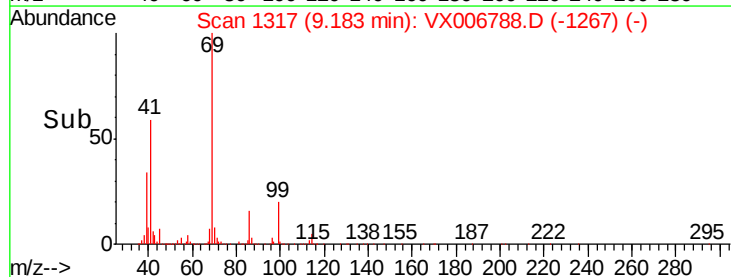
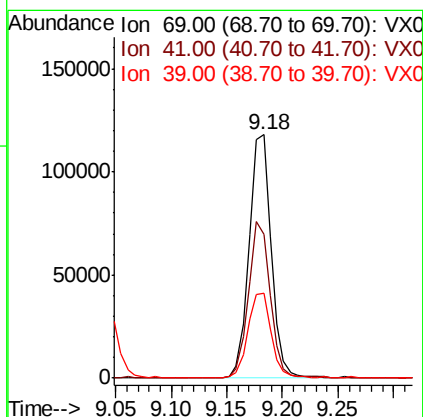
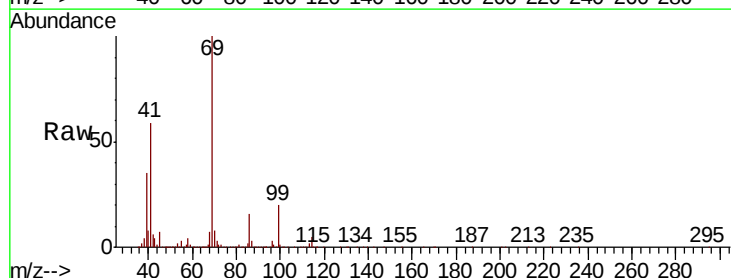
RT: 9.18 min Scan# 1317

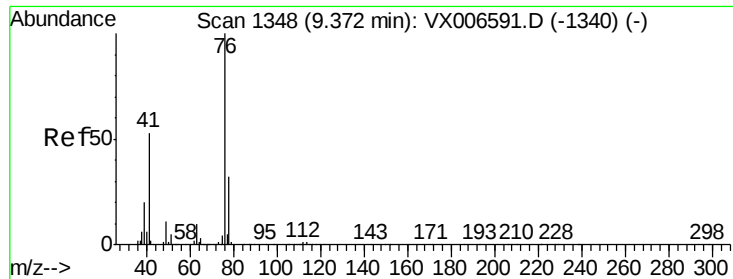
Delta R.T. 0.01 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	69	Resp:	163919
Ion	Ratio	Lower	Upper
69	100		
41	62.6	48.7	73.1
39	36.0	27.0	40.6





#57

1,3-Dichloropropane

Concen: 20.948 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 76 Resp: 180896

Ion Ratio Lower Upper

76 100

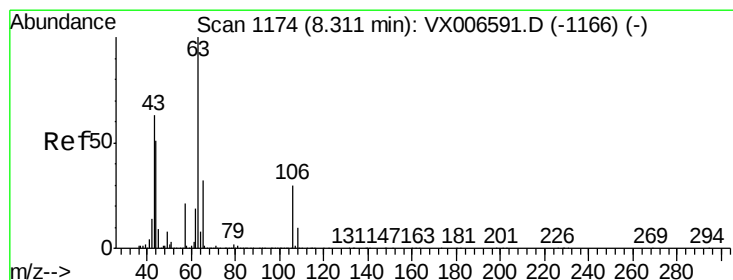
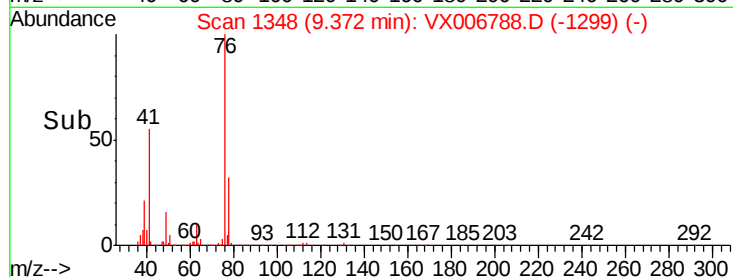
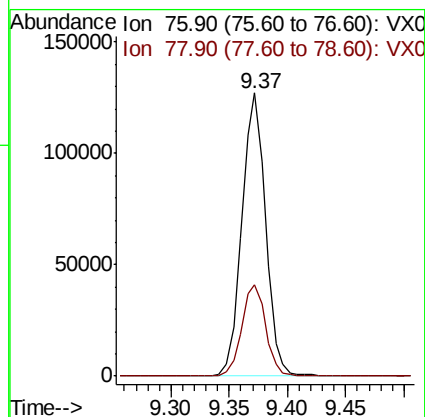
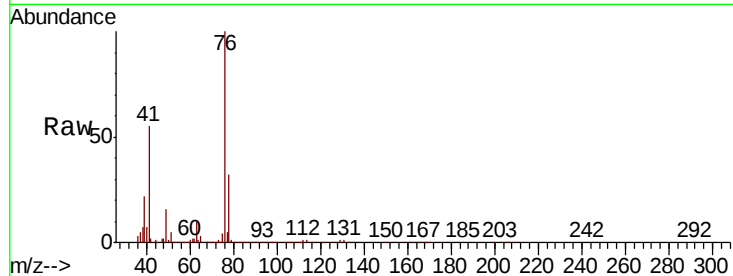
78 32.9 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 104.411 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006788.D

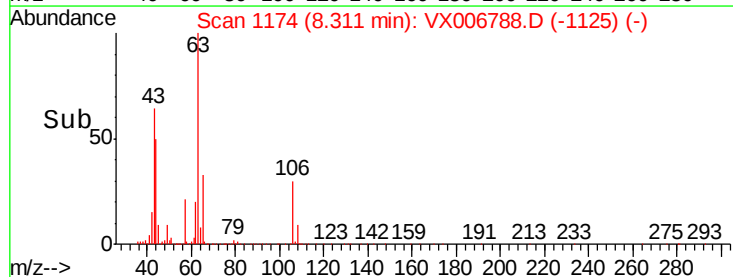
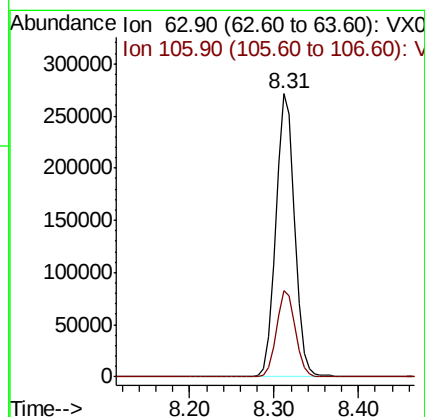
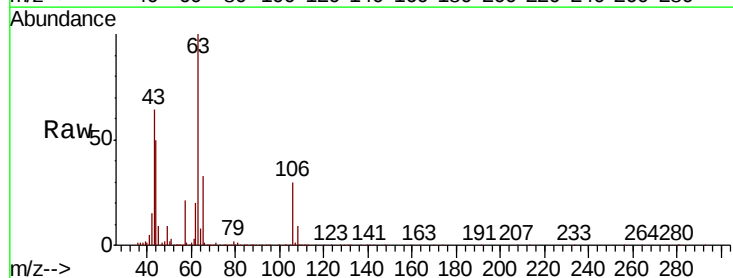
Acq: 24 Dec 2018 12:12

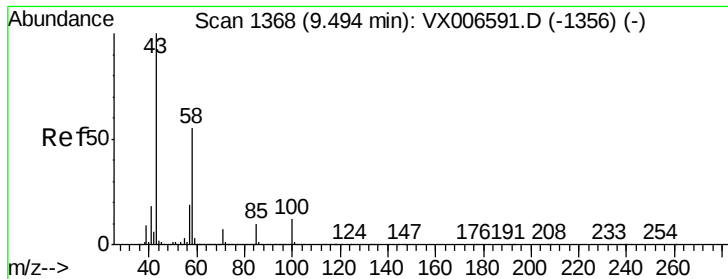
Tgt Ion: 63 Resp: 421030

Ion Ratio Lower Upper

63 100

106 30.8 24.6 36.8





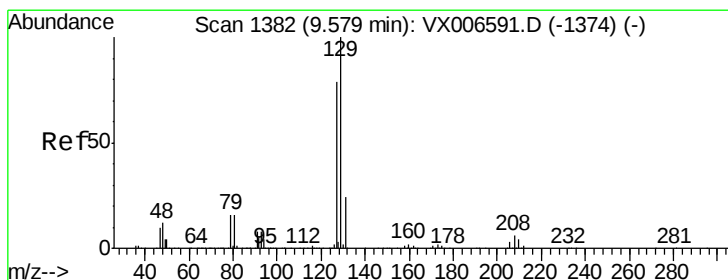
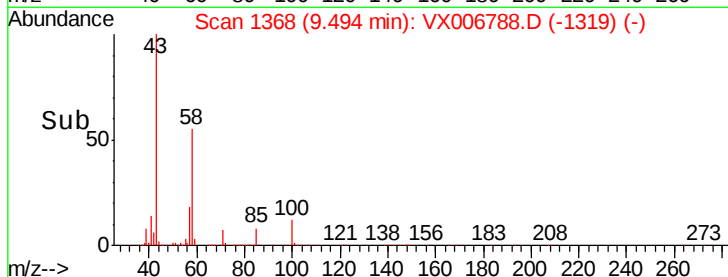
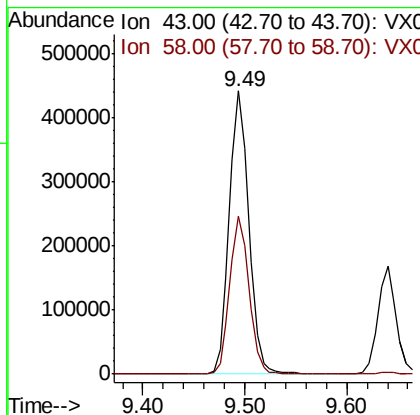
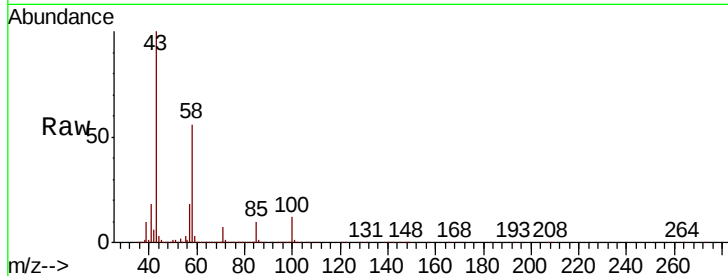
#59
2-Hexanone
Concen: 113.594 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion: 43 Resp: 584779
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

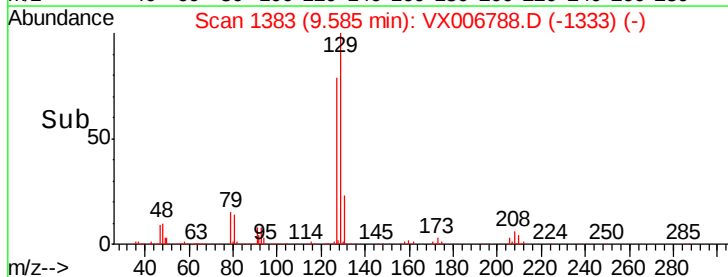
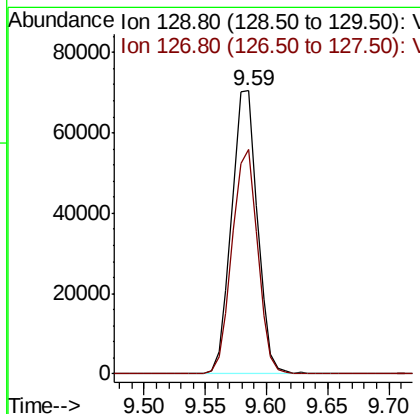
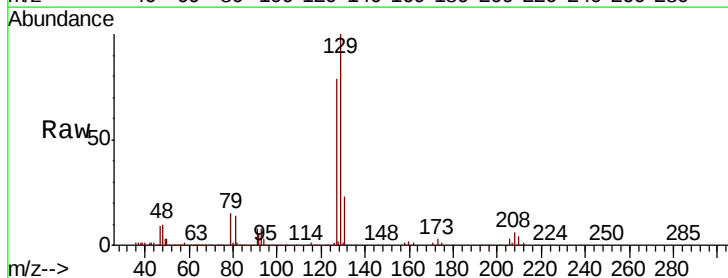
Manual Integrations
APPROVED

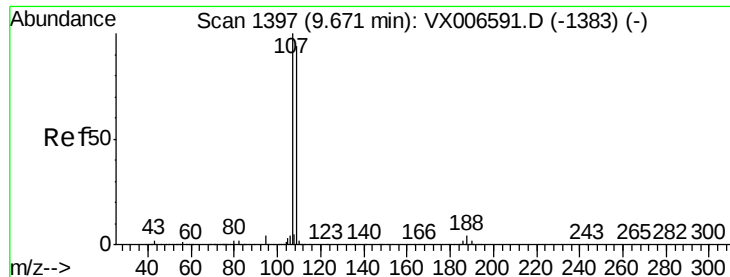
MMDadoda
12/26/2018 9:57:12 AM



#60
Dibromochloromethane
Concen: 19.837 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion: 129 Resp: 103101
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.820 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 107 Resp: 118789

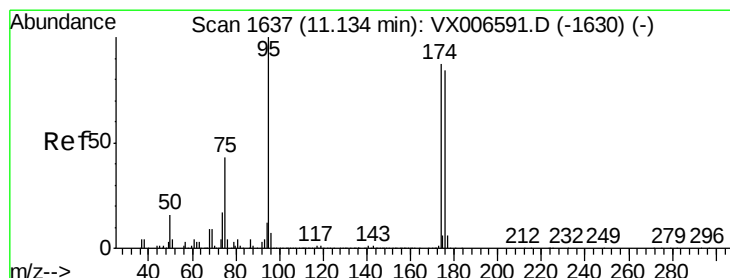
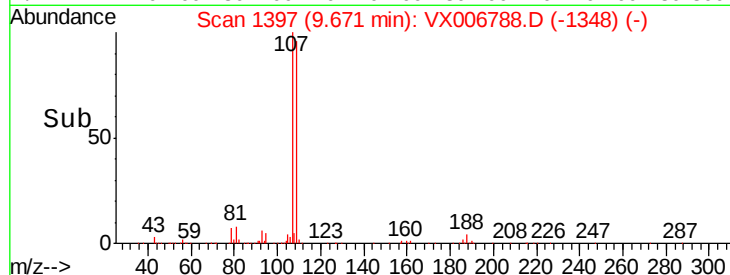
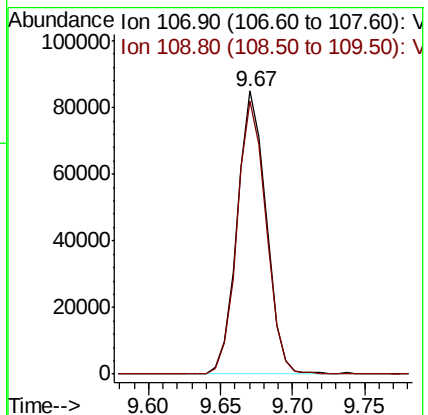
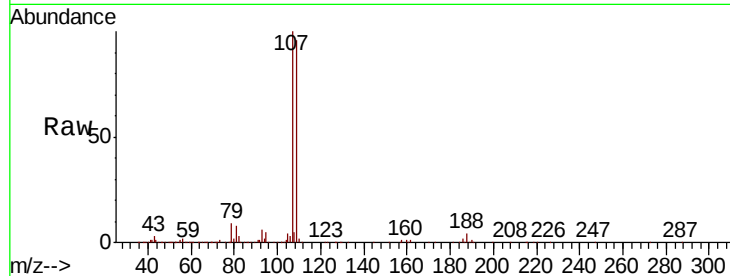
Ion Ratio Lower Upper

107 100

109 97.0 75.8 113.6

Manual Integrations
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MMDadoda
12/26/2018 9:57:12 AM



#62

4-Bromofluorobenzene

Concen: 51.206 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

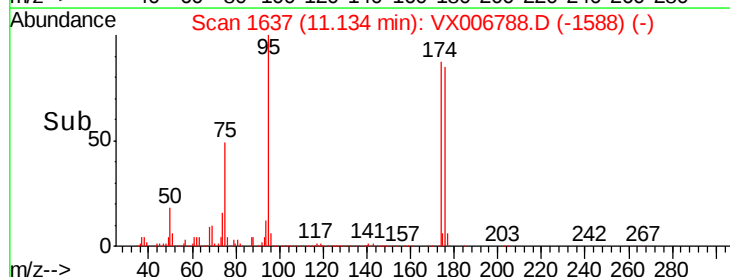
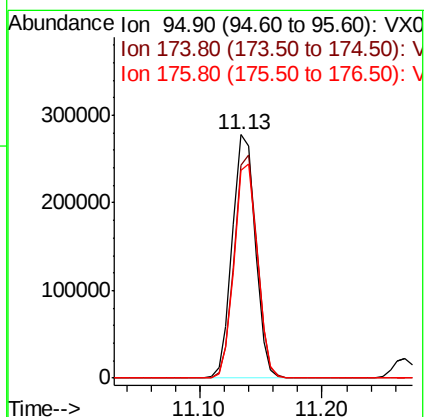
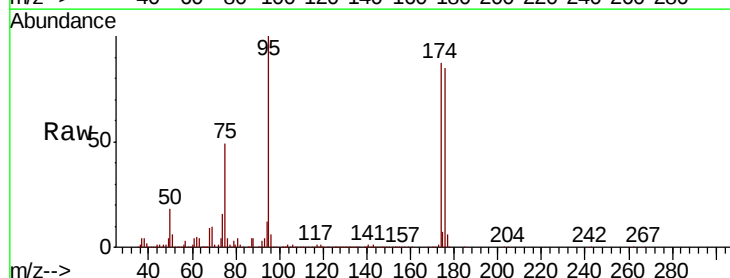
Tgt Ion: 95 Resp: 360468

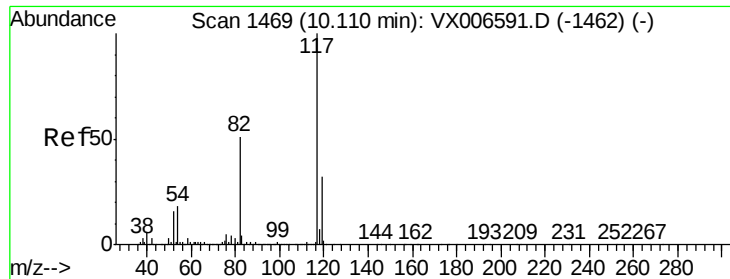
Ion Ratio Lower Upper

95 100

174 91.2 0.0 182.2

176 88.8 0.0 178.8





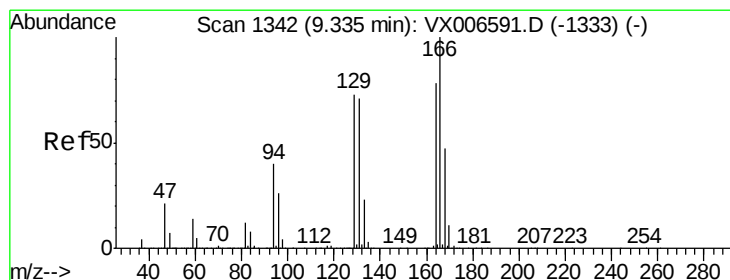
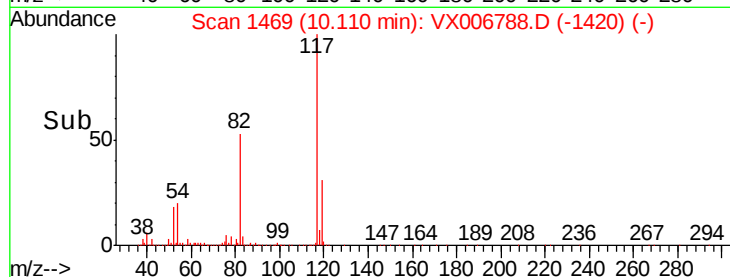
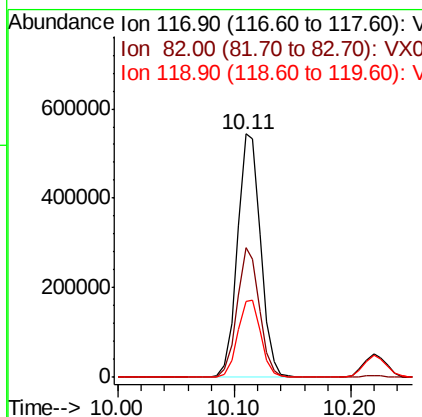
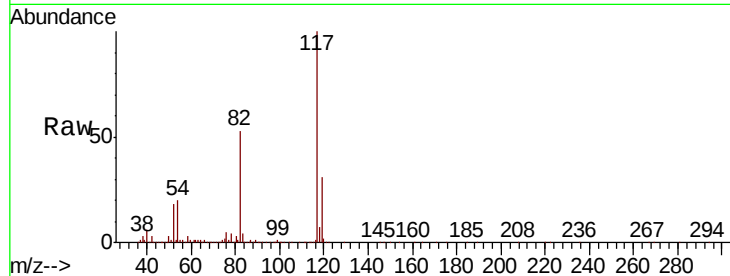
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	753233		
82	53.2		41.0	61.6
119	31.3		25.4	38.0

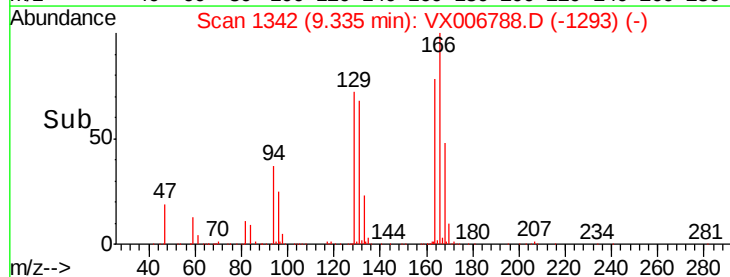
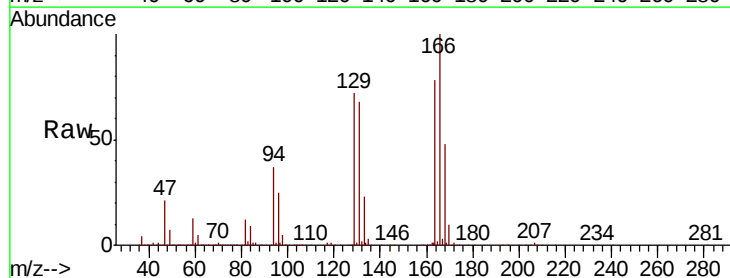
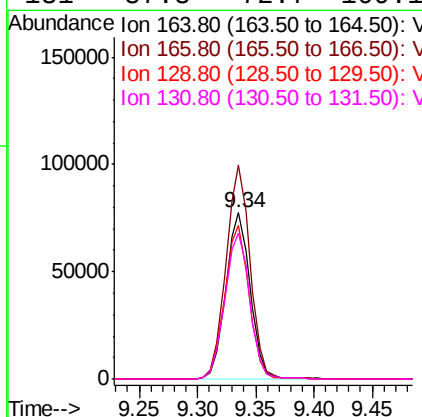
Manual Integrations
APPROVED

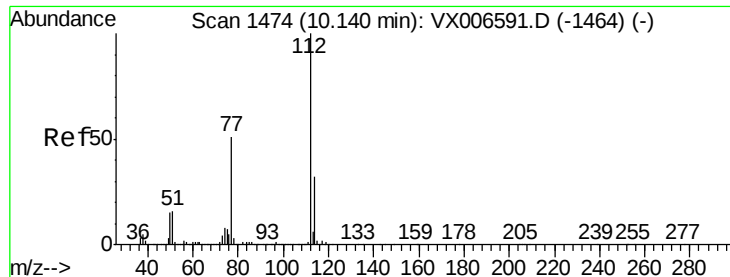
MMDadoda
12/26/2018 9:57:12 AM



#64
Tetrachloroethene
Concen: 18.812 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	112202		
166	128.5		102.5	153.7
129	92.3		75.1	112.7
131	87.8		72.7	109.1





#65

Chlorobenzene

Concen: 20.233 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion:112 Resp: 322412

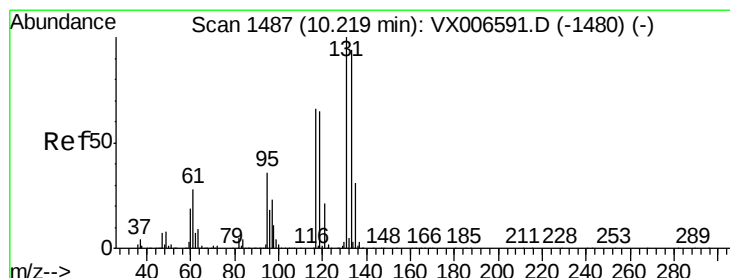
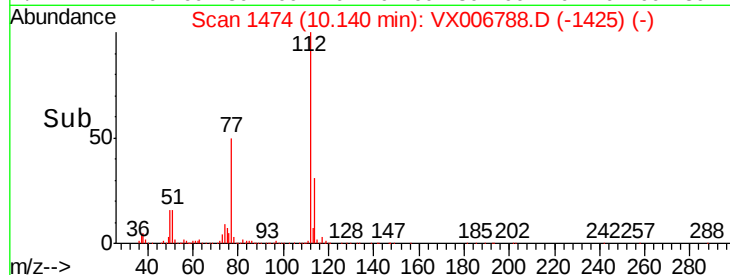
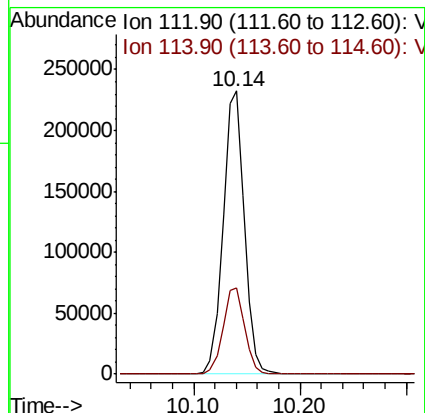
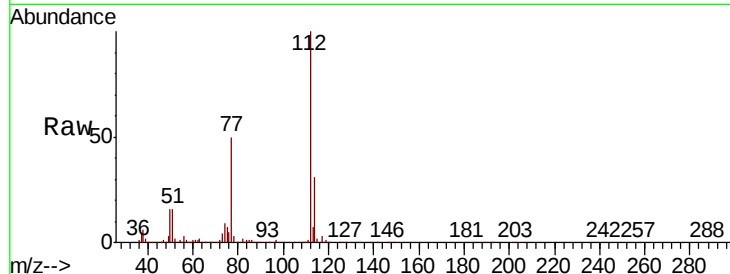
Ion Ratio Lower Upper

112 100

114 30.6 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.276 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

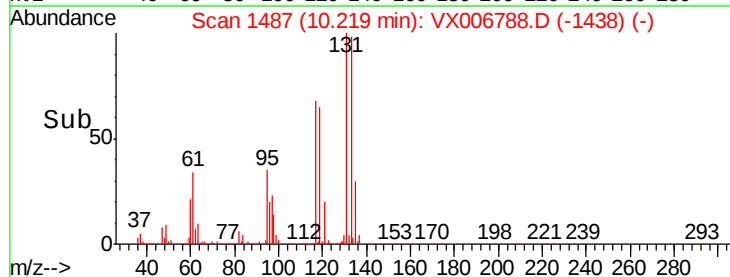
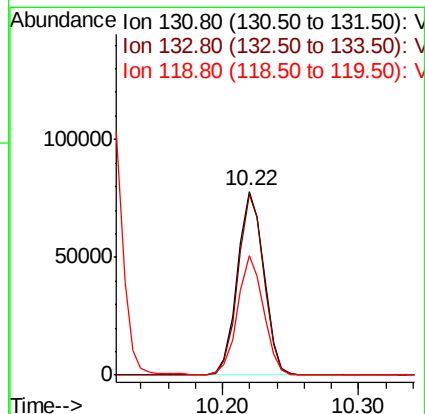
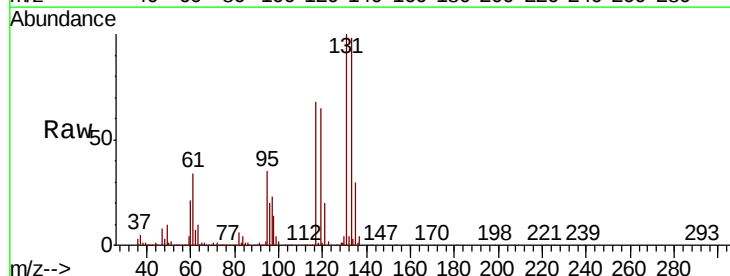
Tgt Ion:131 Resp: 105781

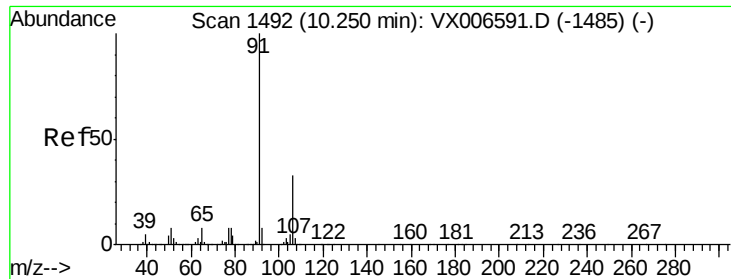
Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

119 63.4 32.6 97.8





#67

Ethyl Benzene

Concen: 19.985 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 91 Resp: 520403

Ion Ratio Lower Upper

91 100

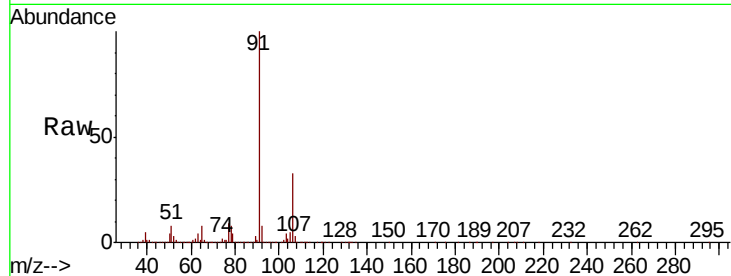
106 32.8 26.4 39.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006591.D (-1485) (-)

600000

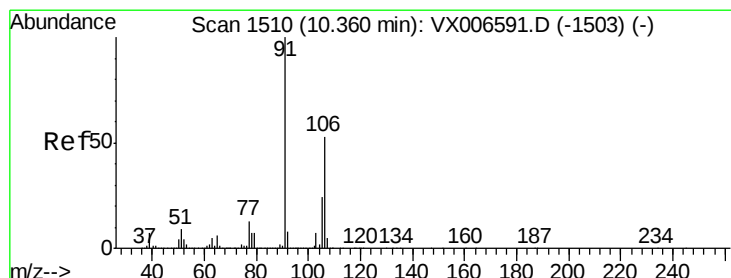
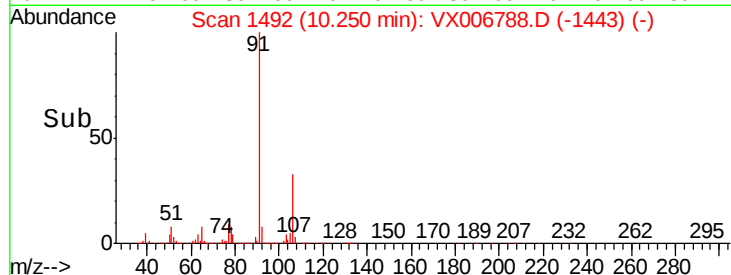
400000

200000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 39.914 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006788.D

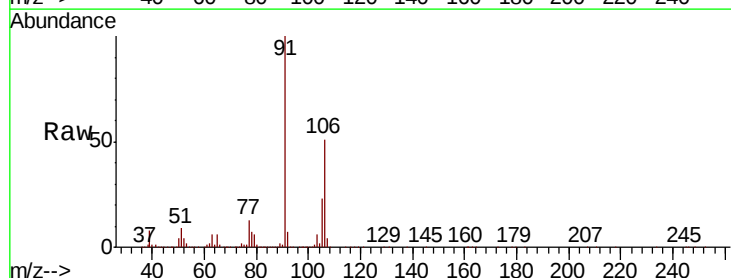
Acq: 24 Dec 2018 12:12

Tgt Ion: 106 Resp: 410121

Ion Ratio Lower Upper

106 100

91 197.1 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX006591.D (-1503) (-)

600000

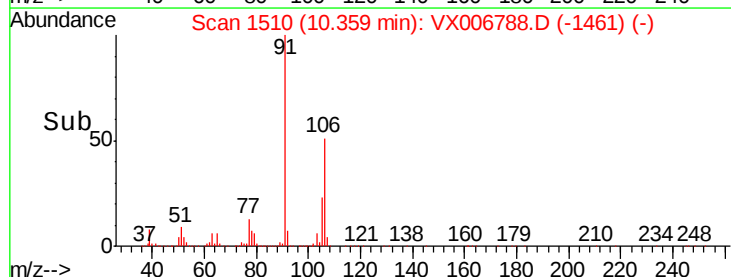
400000

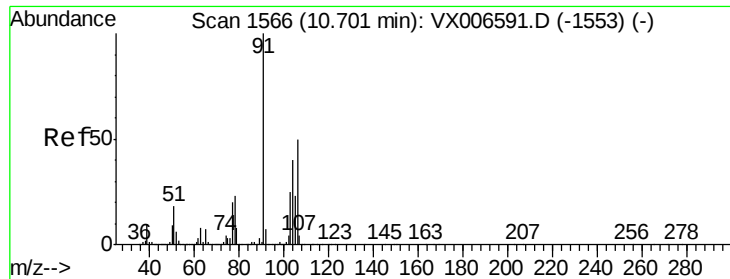
200000

0

10.30 10.36 10.40

Time-->





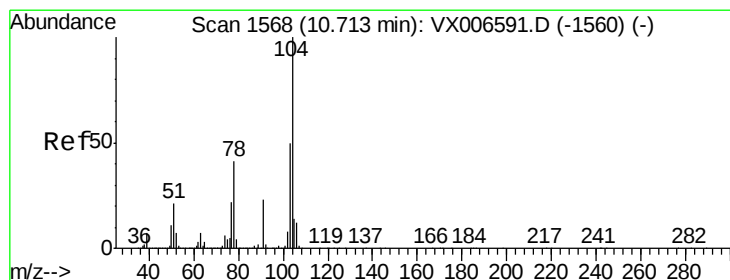
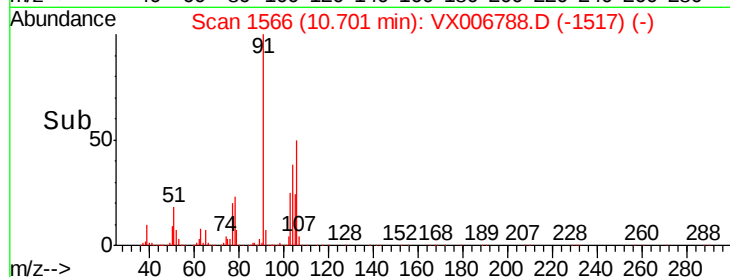
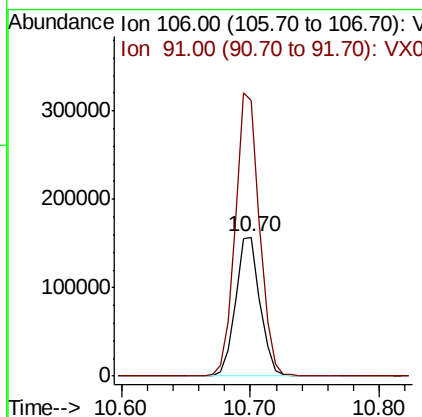
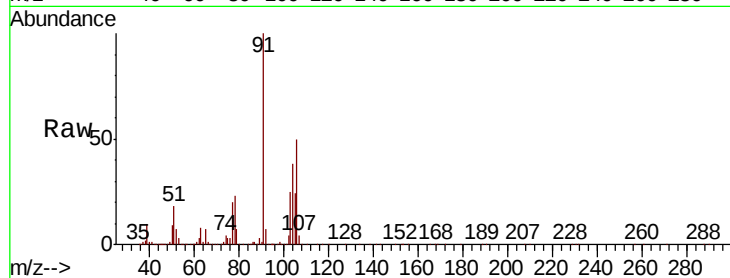
#69
o-Xylene
Concen: 20.412 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.6	101.3	303.7

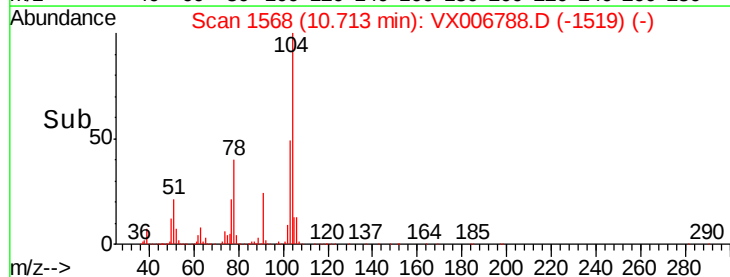
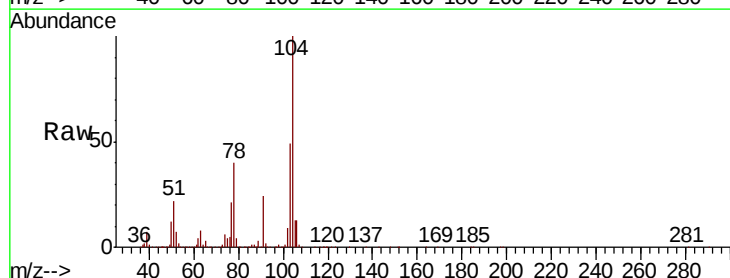
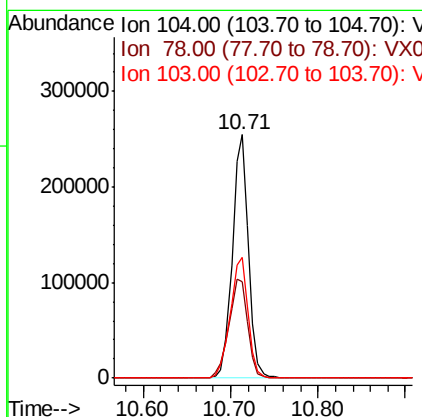
Manual Integrations
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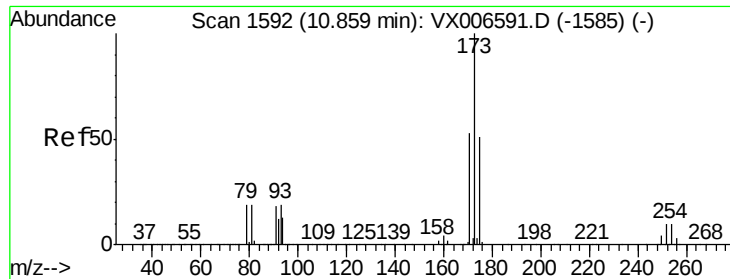
MMDadoda
12/26/2018 9:57:12 AM



#70
Styrene
Concen: 20.339 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.7	56.5
103	55.2	43.8	65.8





#71

Bromoform

Concen: 19.477 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion:173 Resp: 73943

Ion Ratio Lower Upper

173 100

175 49.3 24.7 74.1

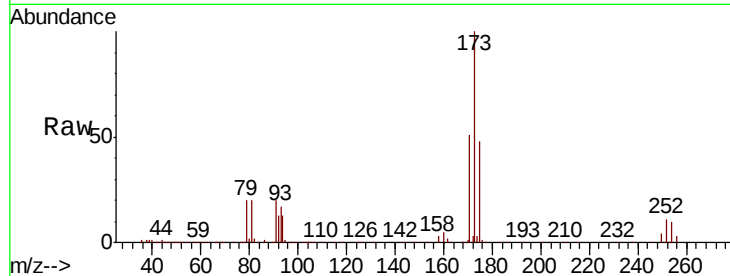
254 0.0 0.2 0.2#

Manual Integrations

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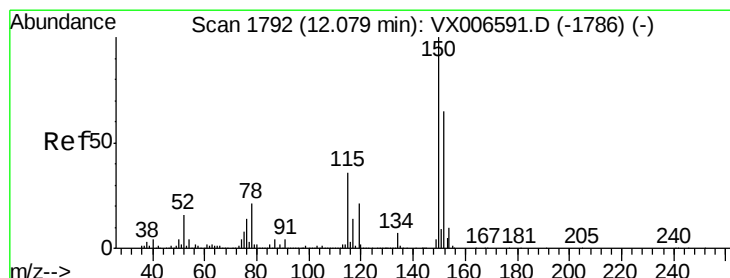
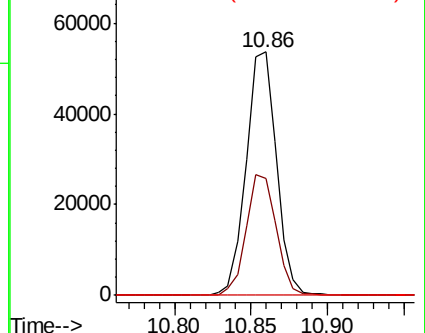
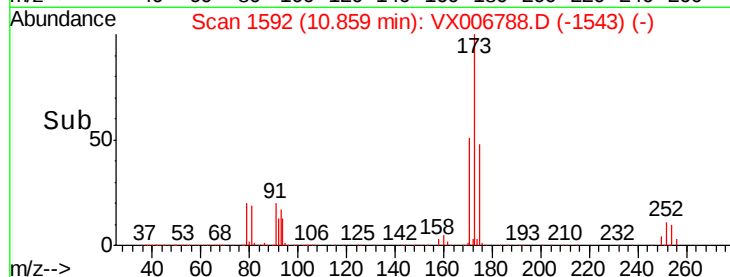
12/26/2018 9:57:12 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

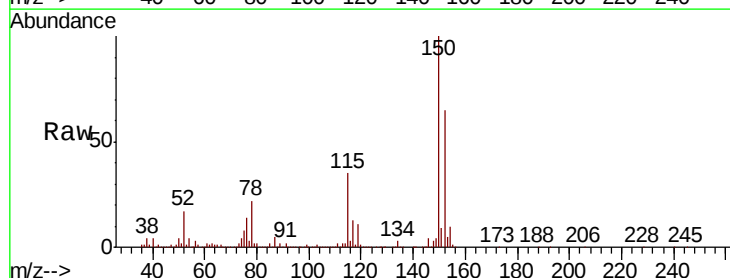
Tgt Ion:152 Resp: 388838

Ion Ratio Lower Upper

152 100

115 63.9 39.1 117.2

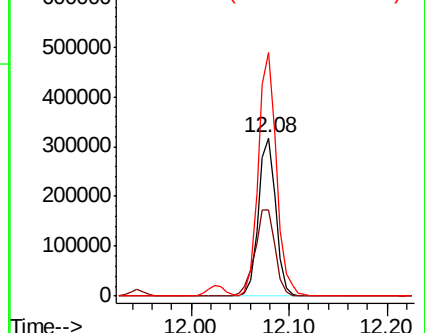
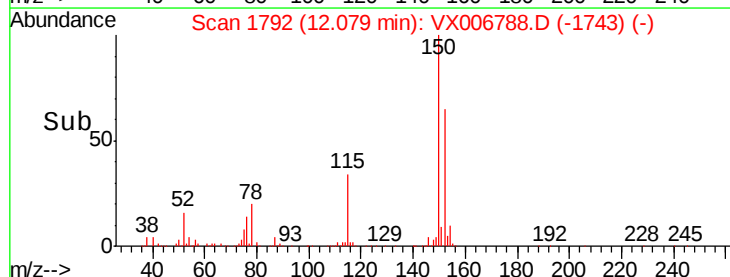
150 160.6 0.0 344.8

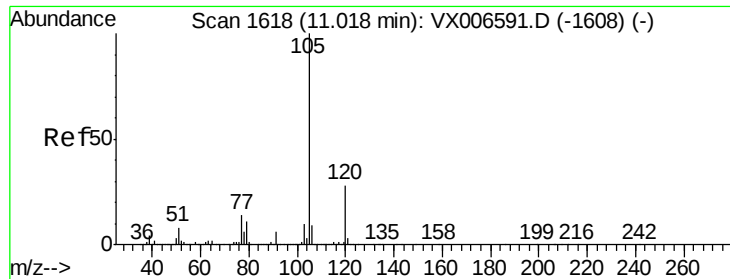


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.317 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 105 Resp: 540453

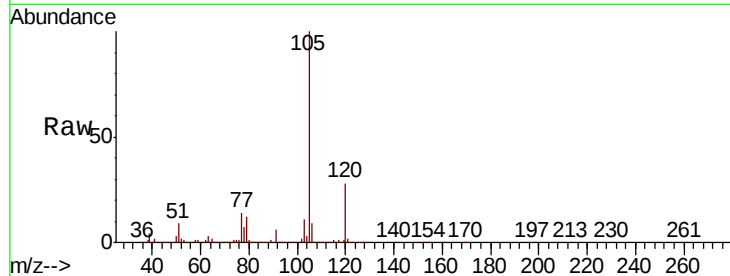
Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.4

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12/26/2018 9:57:12 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

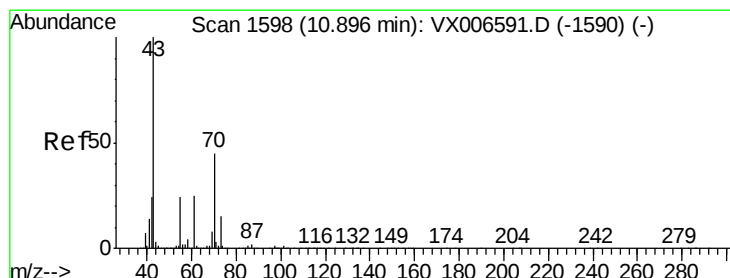
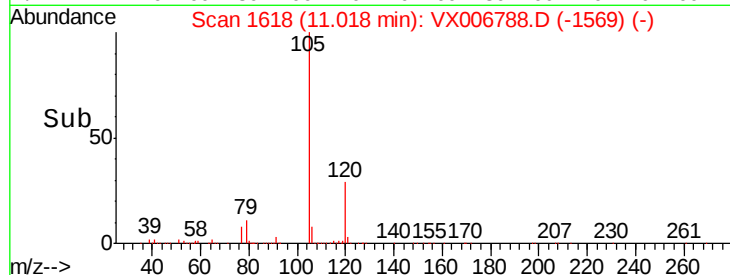
100000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 21.701 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion: 43 Resp: 206627

Ion Ratio Lower Upper

43 100

70 43.4 35.8 53.8

55 25.5 19.4 29.0

61 24.7 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

250000

200000

150000

100000

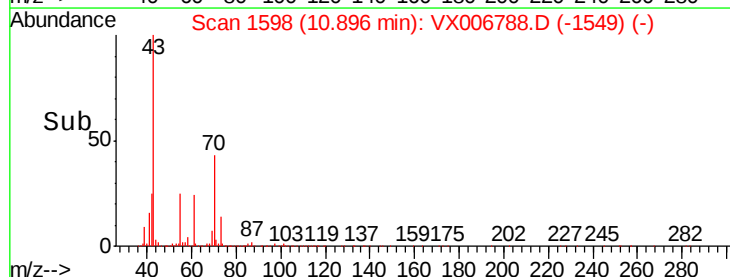
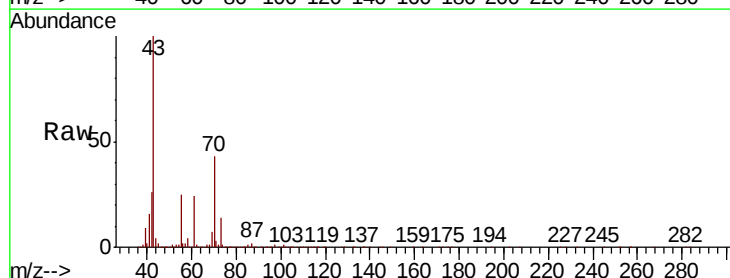
50000

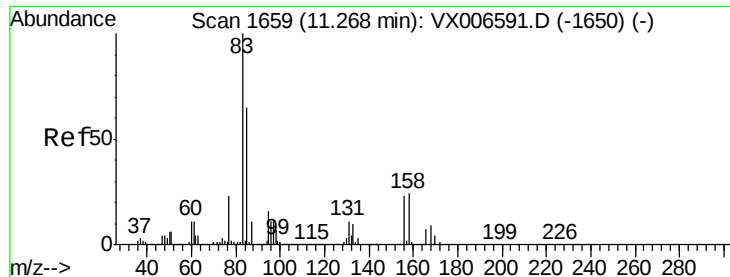
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.460 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 83 Resp: 177686

Ion Ratio Lower Upper

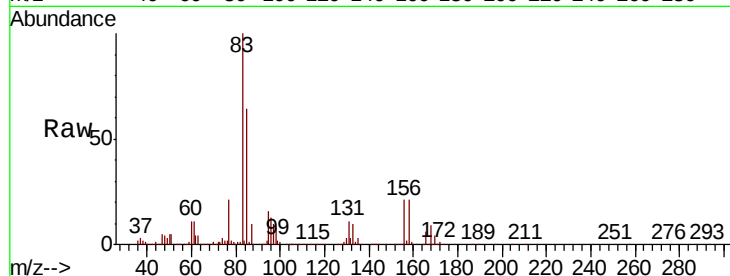
83 100

131 11.4 5.7 17.1

85 64.1 32.2 96.6

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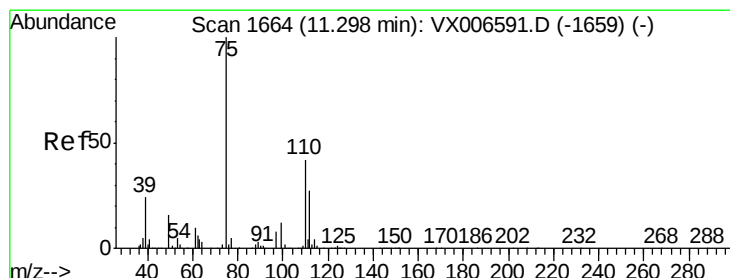
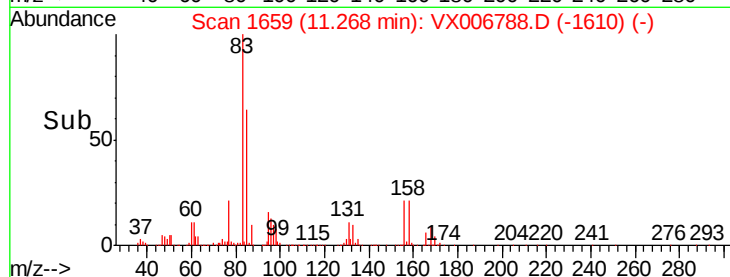
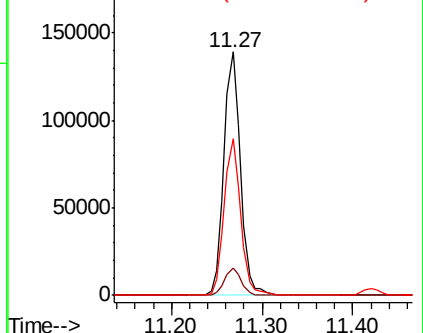
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.846 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006788.D

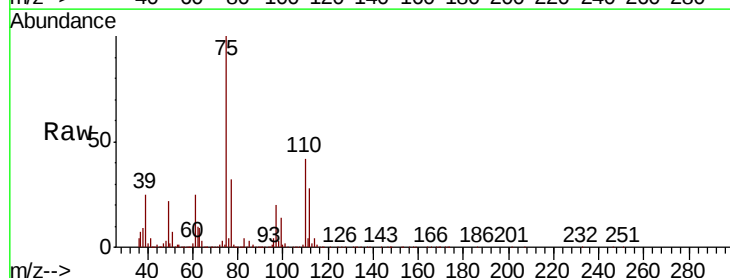
Acq: 24 Dec 2018 12:12

Tgt Ion: 75 Resp: 157867

Ion Ratio Lower Upper

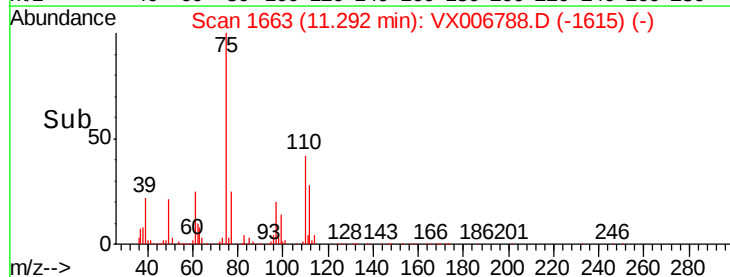
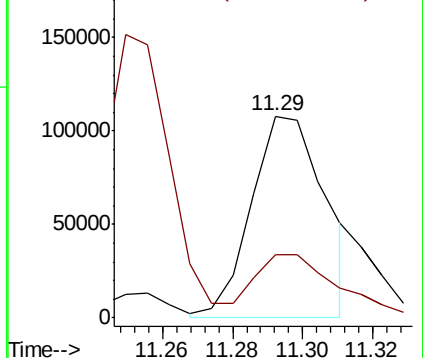
75 100

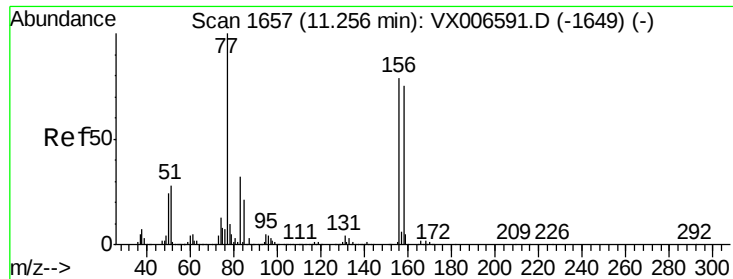
77 35.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.528 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

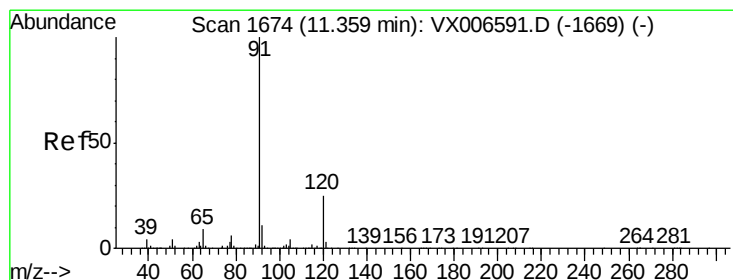
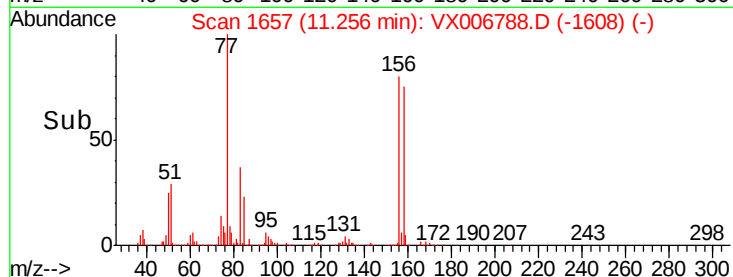
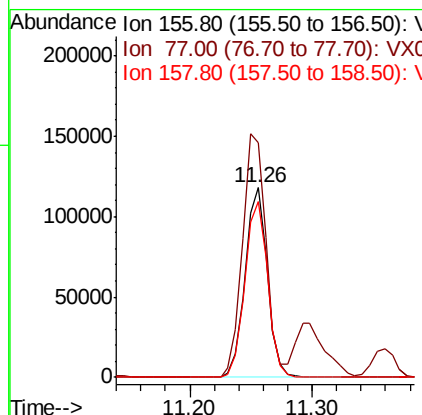
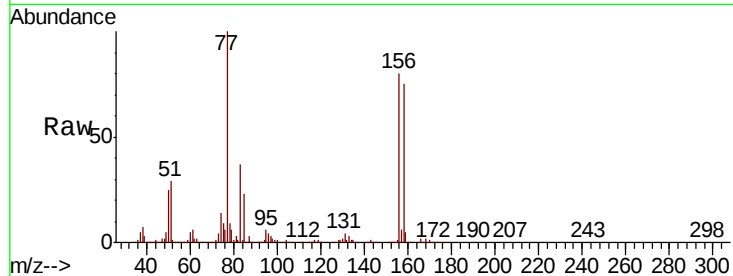
ClientSampleId :

VX1224WBS01

Tot Ion:	156	Resp:	147634
Ion Ratio	Lower	Upper	
156	100		
77	136.9	68.0	204.0
158	95.5	48.3	144.8

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#78

n-propylbenzene

Concen: 20.150 ug/l

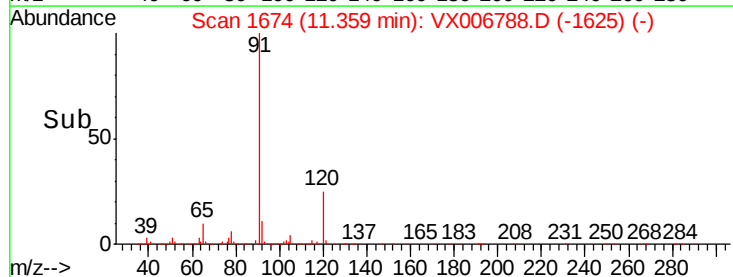
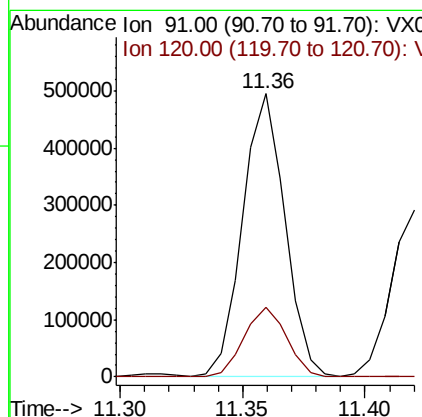
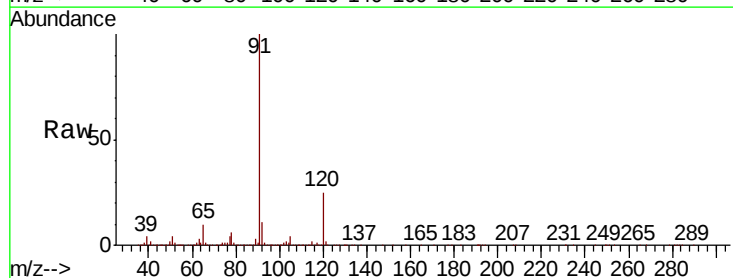
RT: 11.36 min Scan# 1674

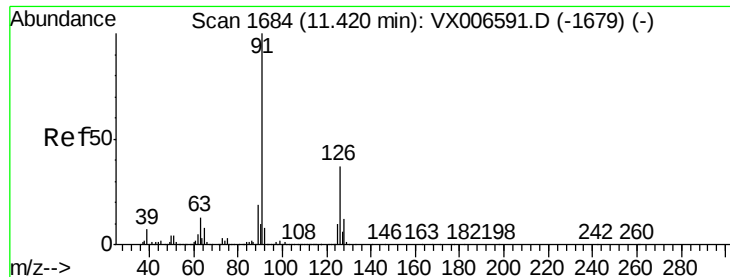
Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	91	Resp:	590250
Ion Ratio	Lower	Upper	
91	100		
120	25.2	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.215 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion: 91 Resp: 358858

Ion Ratio Lower Upper

91 100

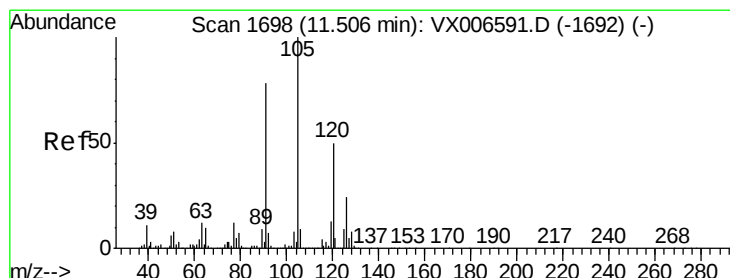
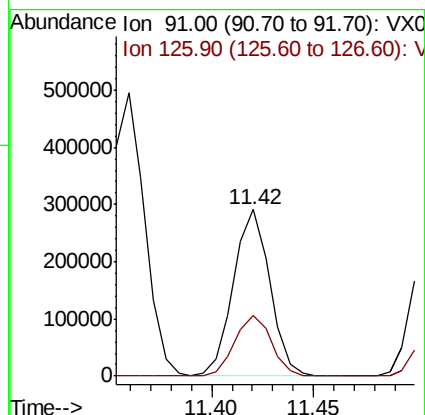
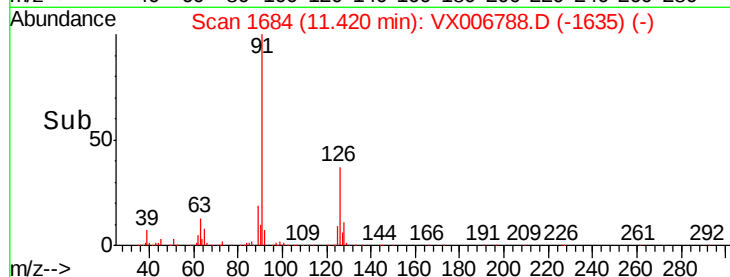
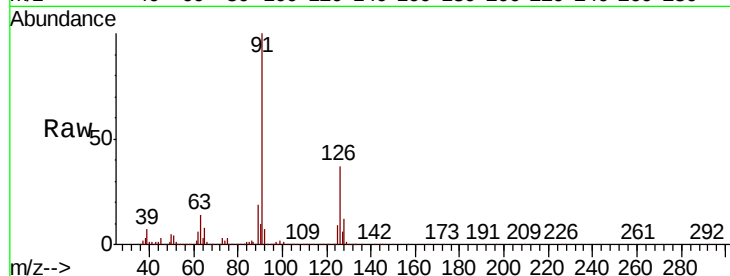
126 36.9 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.641 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006788.D

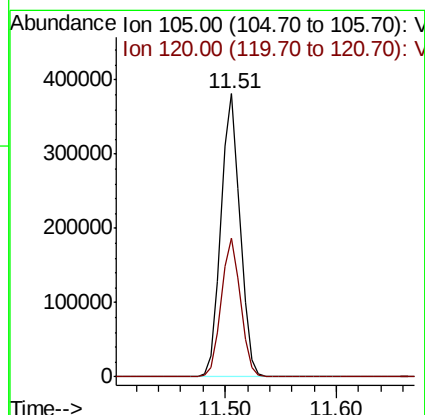
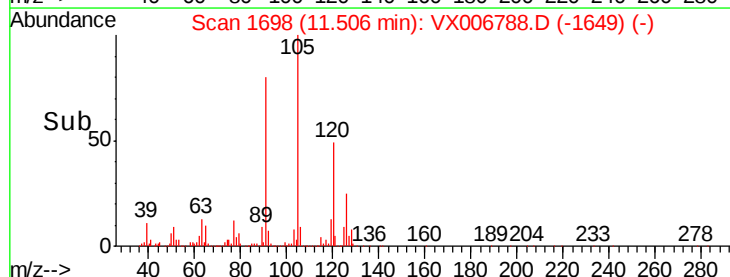
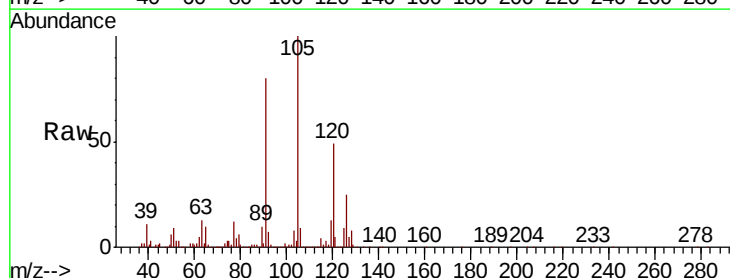
Acq: 24 Dec 2018 12:12

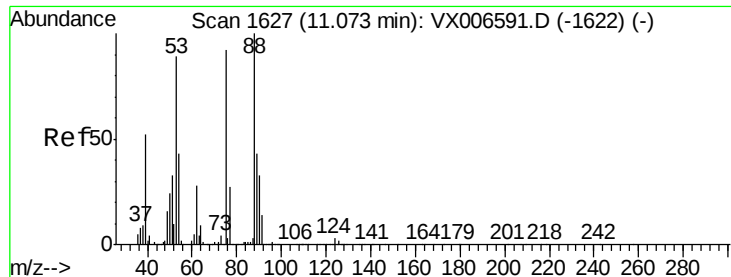
Tgt Ion: 105 Resp: 452257

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.380 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

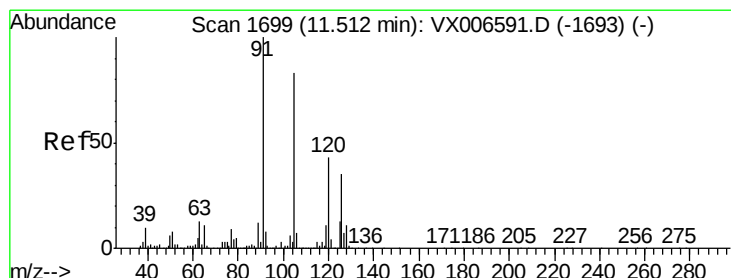
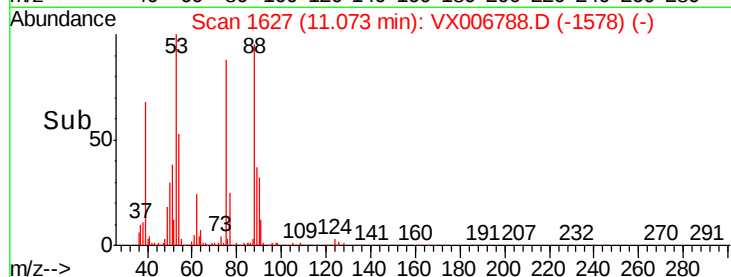
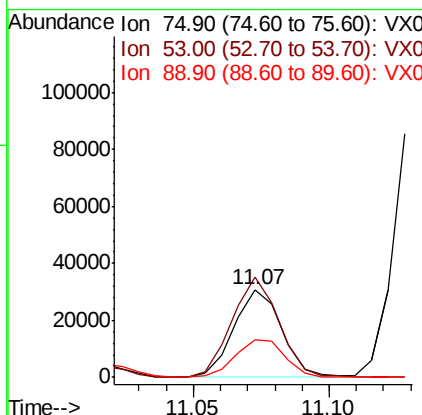
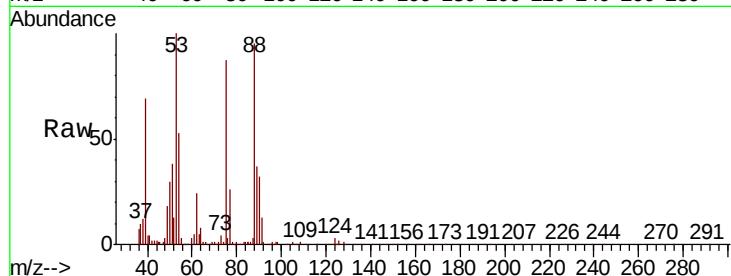
ClientSampleId :

VX1224WBS01

Tot Ion:	75	Resp:	36701
Ion	Ratio	Lower	Upper
75	100		
53	114.6	79.7	119.5
89	45.4	38.0	57.0

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#82

4-Chlorotoluene

Concen: 20.090 ug/l

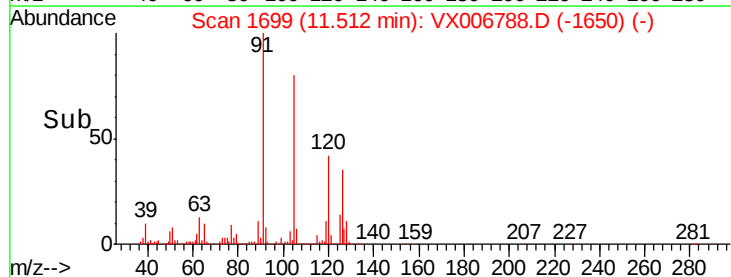
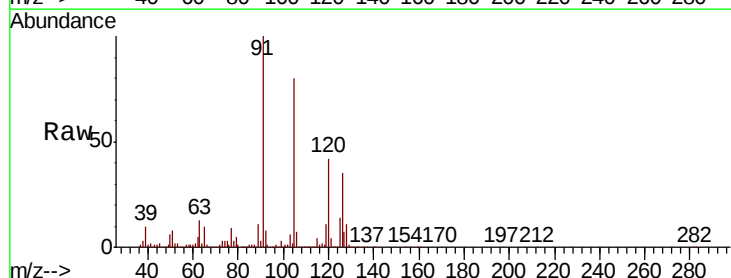
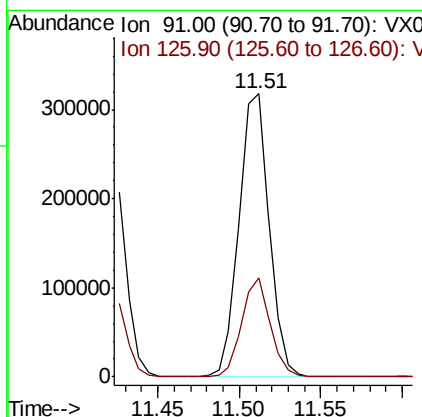
RT: 11.51 min Scan# 1699

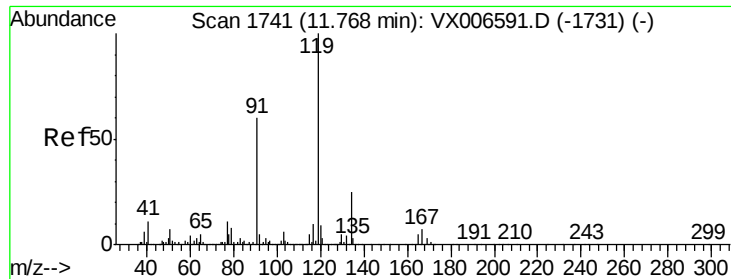
Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	91	Resp:	409090
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.3	48.9





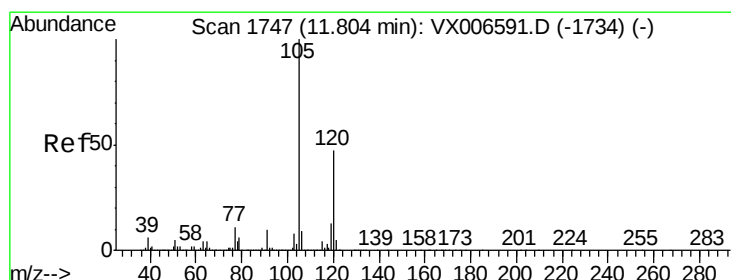
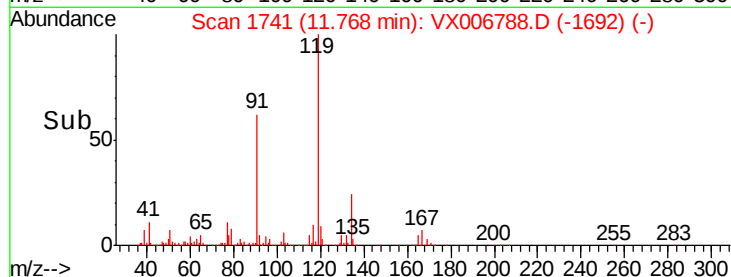
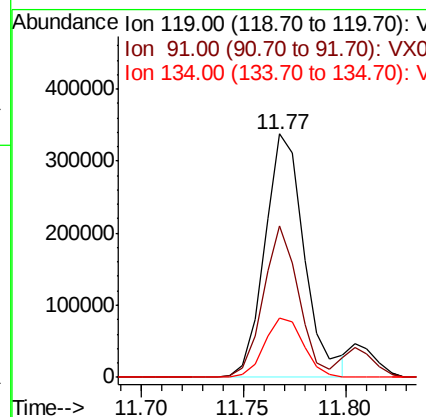
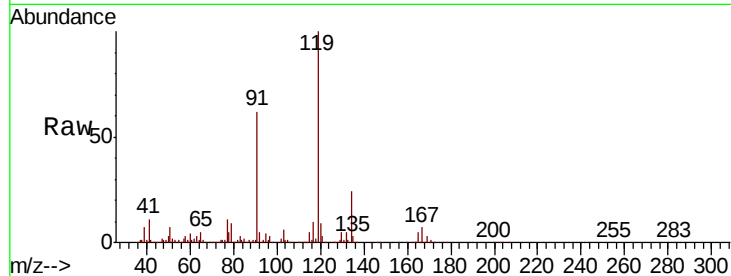
#83
tert-Butylbenzene
Concen: 20.804 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	456215		
91	55.5	27.7	83.1	
134	24.2	11.9	35.5	

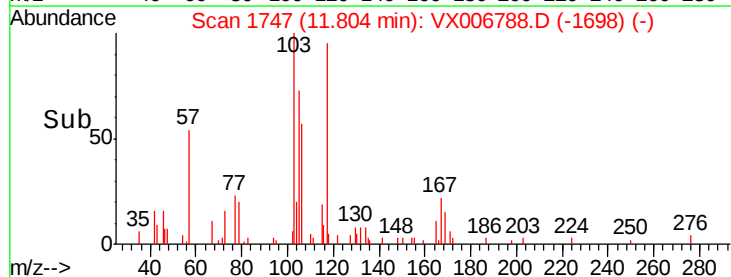
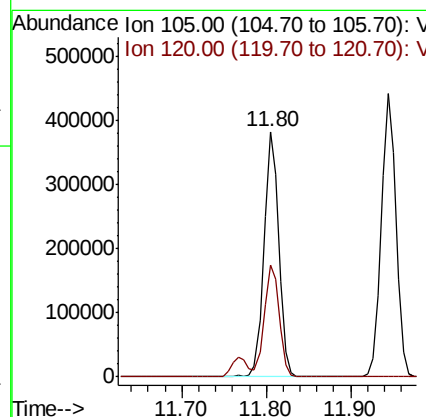
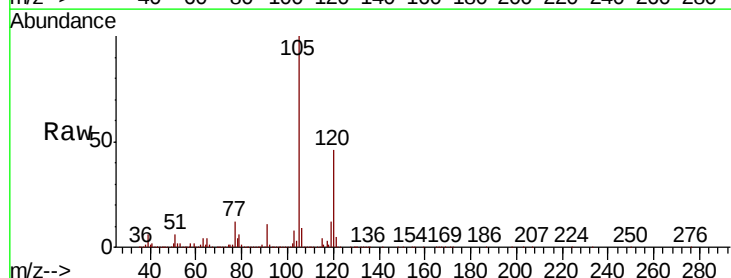
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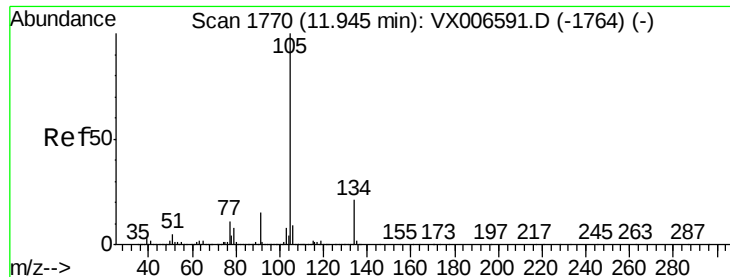
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#84
1,2,4-Trimethylbenzene
Concen: 20.088 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	462941		
120	45.7	23.2	69.6	





#85

sec-Butylbenzene

Concen: 19.919 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBS01

Tot Ion:105 Resp: 535558

Ion Ratio Lower Upper

105 100

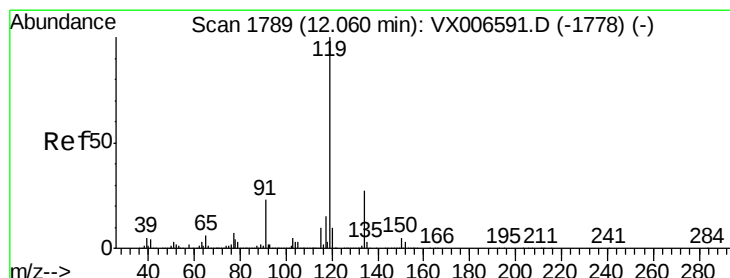
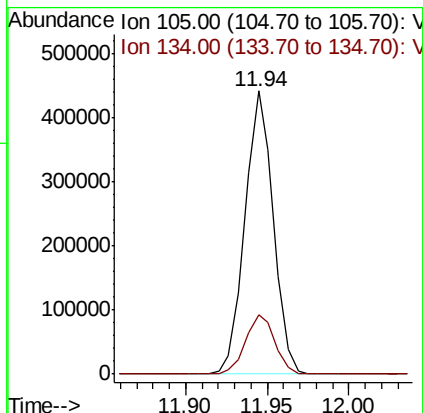
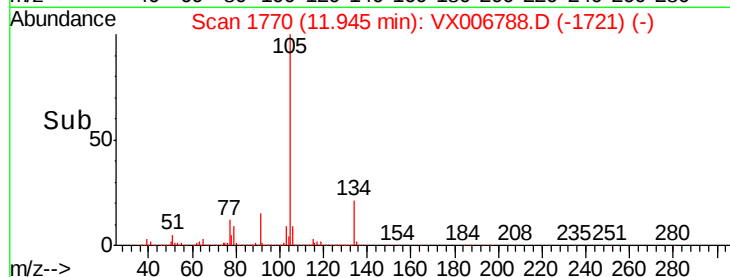
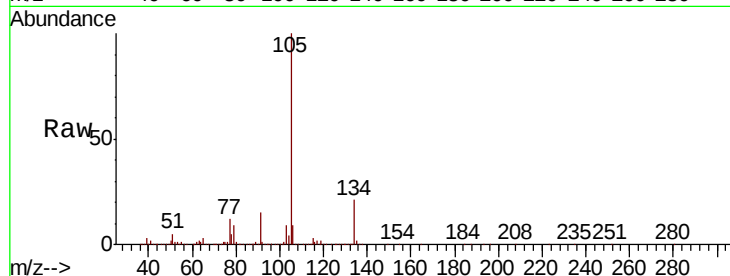
134 21.8 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 20.426 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

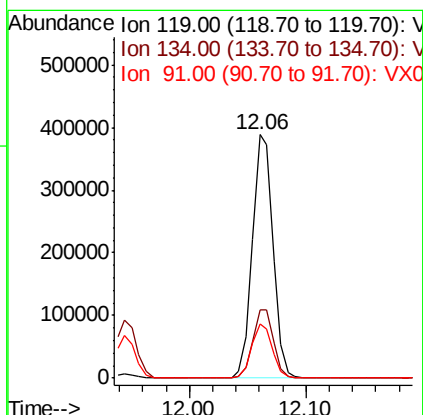
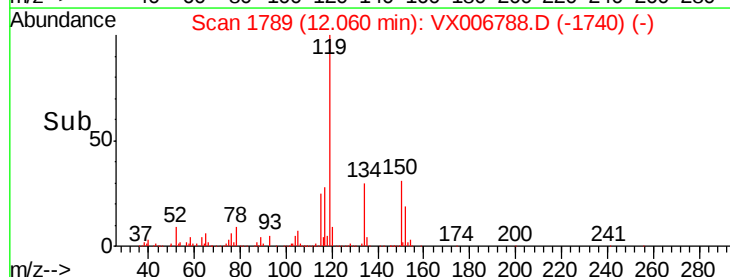
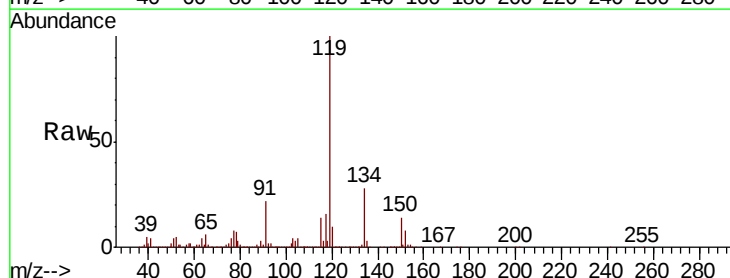
Tgt Ion:119 Resp: 482746

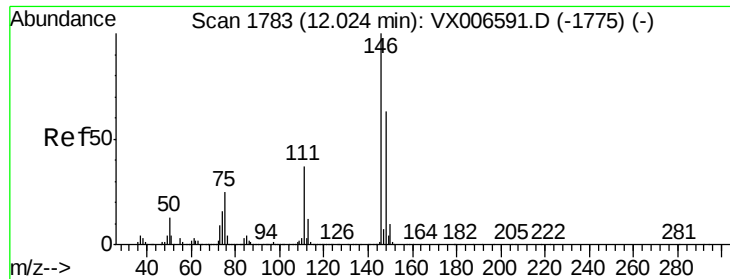
Ion Ratio Lower Upper

119 100

134 28.2 14.0 41.9

91 22.2 11.3 33.9





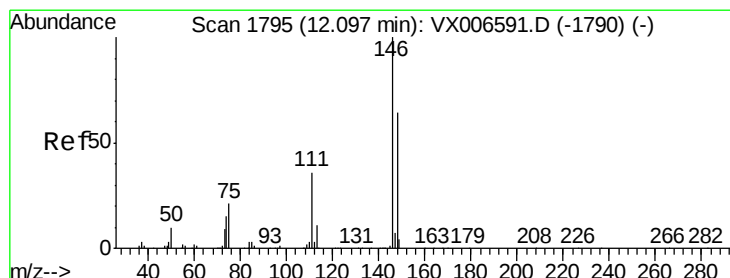
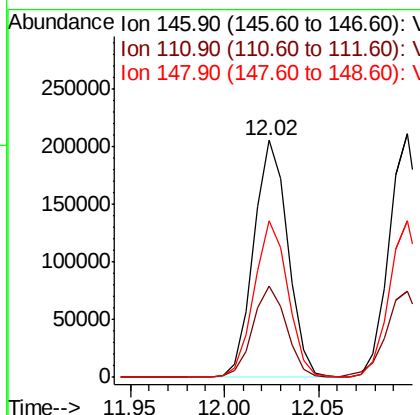
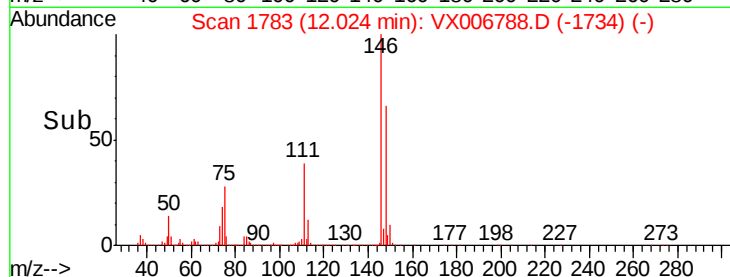
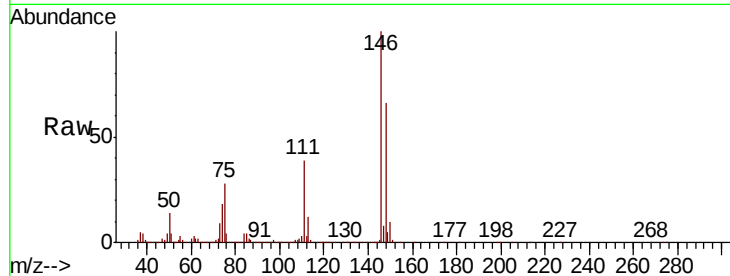
#87
 1,3-Dichlorobenzene
 Concen: 19.977 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	65.2	31.8	95.3

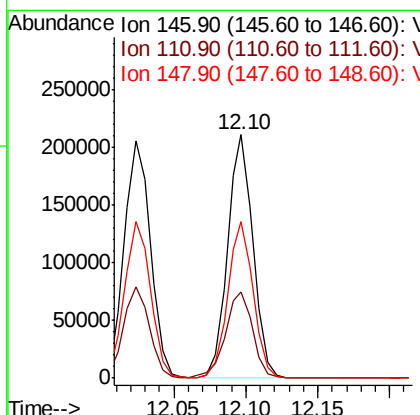
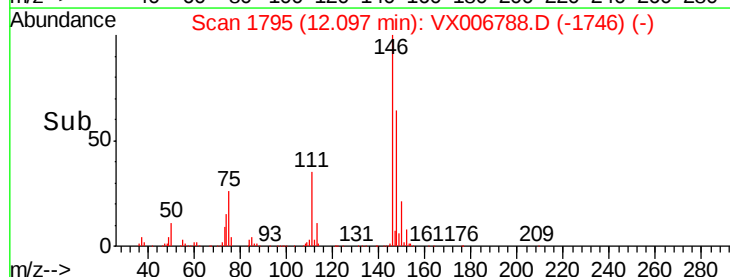
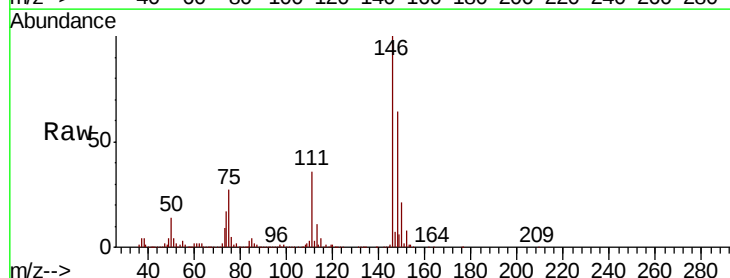
Manual Integrations
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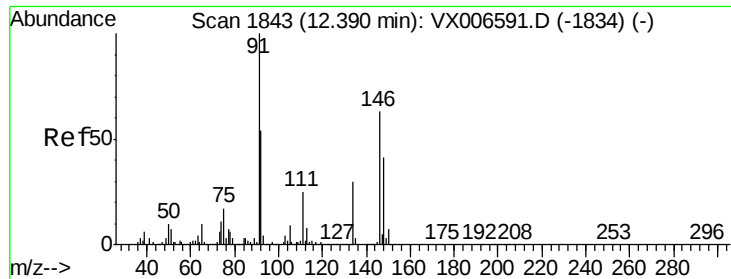
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#88
 1,4-Dichlorobenzene
 Concen: 19.686 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	64.4	31.9	95.9





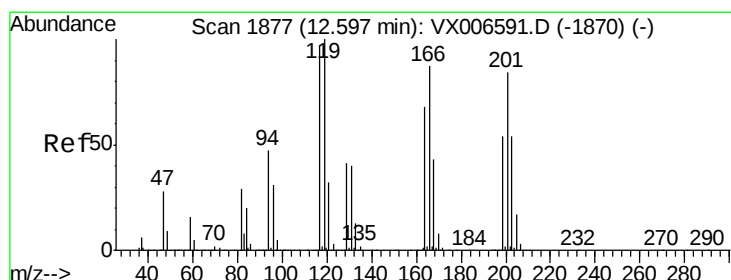
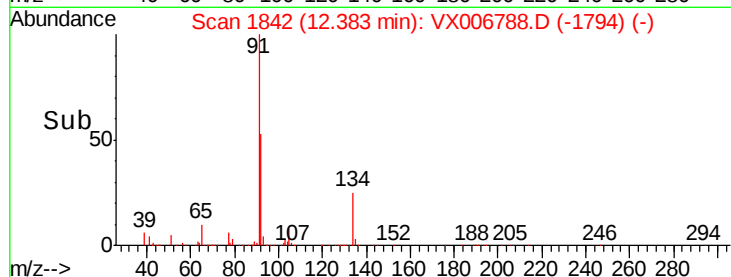
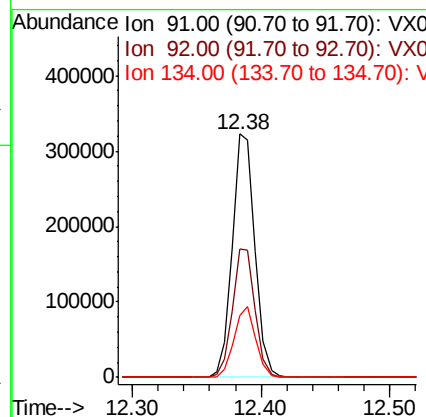
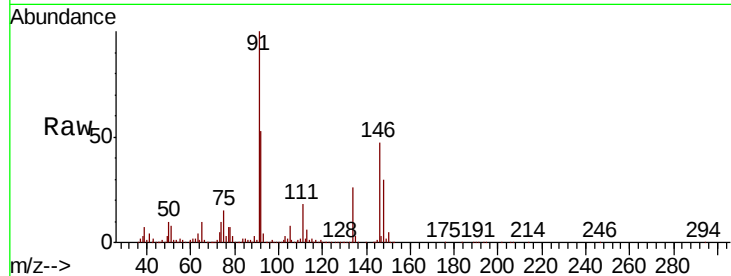
#89
n-Butylbenzene
Concen: 19.850 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	399251		
92	52.7	26.8	80.4	
134	27.8	14.4	43.2	

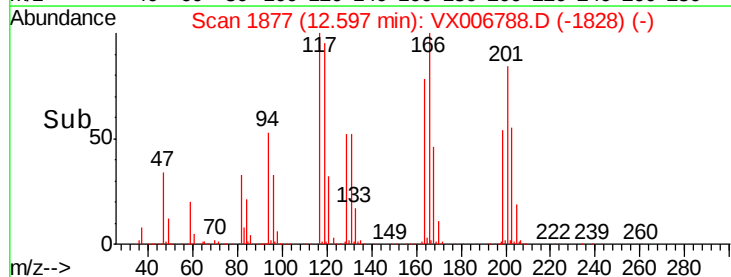
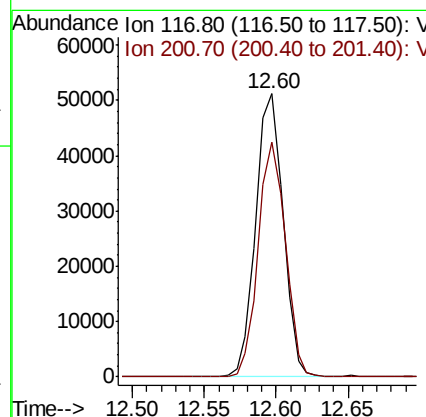
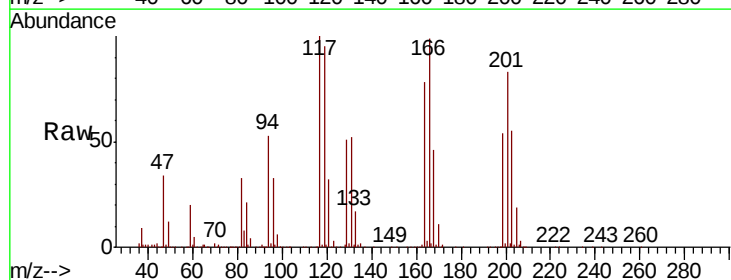
Manual Integrations
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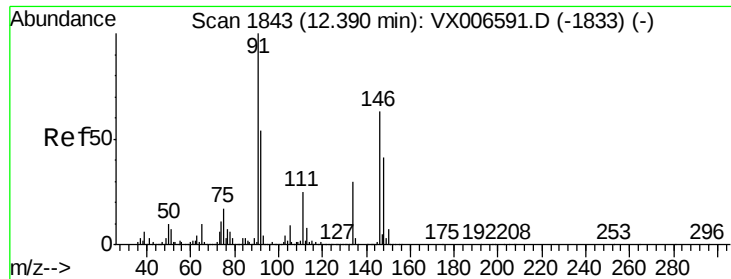
MMDadoda
12/26/2018 9:57:12 AM



#90
Hexachloroethane
Concen: 20.274 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	67236		
201	82.2	42.9	128.7	





#91

1,2-Dichlorobenzene

Concen: 20.368 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Instrument :

MSVOA_X

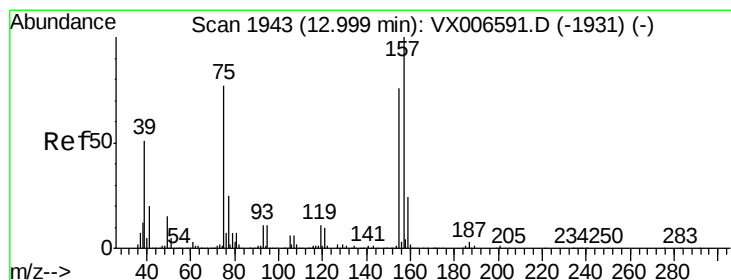
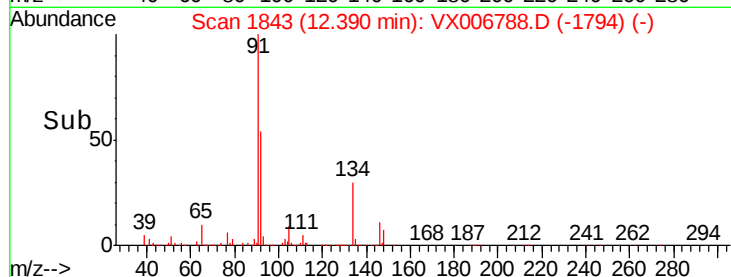
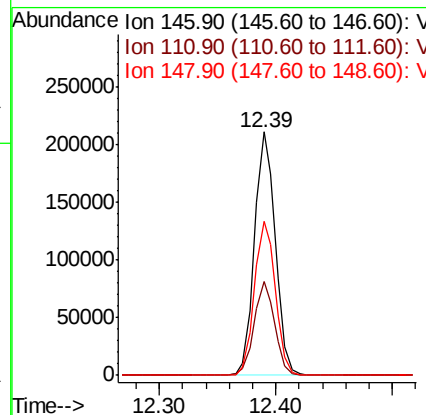
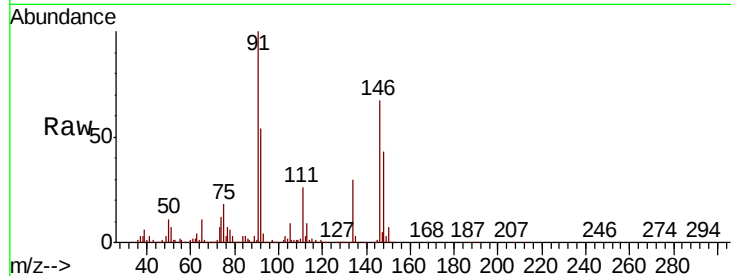
ClientSampleId :

VX1224WBS01

Tot Ion:	146	Resp:	264091
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.4	58.2
148	63.9	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.216 ug/l

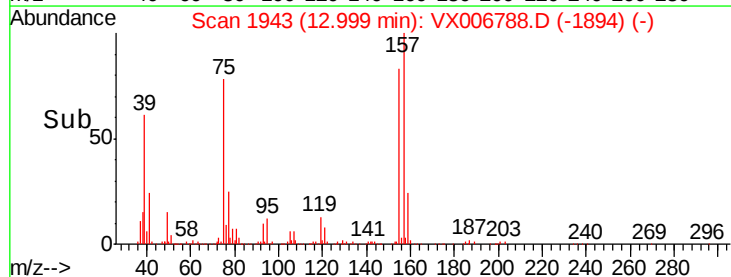
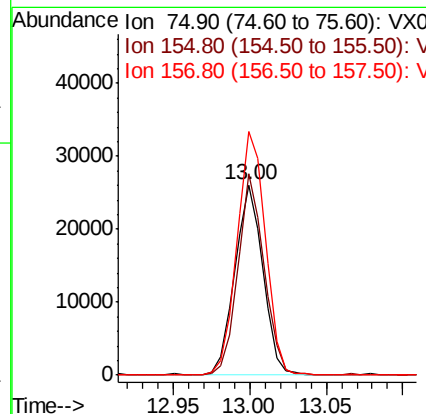
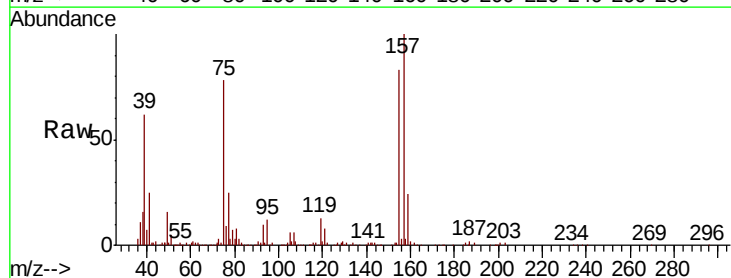
RT: 13.00 min Scan# 1943

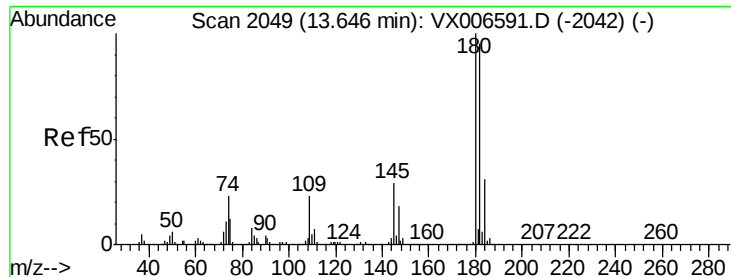
Delta R.T. -0.00 min

Lab File: VX006788.D

Acq: 24 Dec 2018 12:12

Tgt Ion:	75	Resp:	33093
Ion Ratio	Lower	Upper	
75	100		
155	99.0	50.6	151.8
157	128.9	64.6	193.8





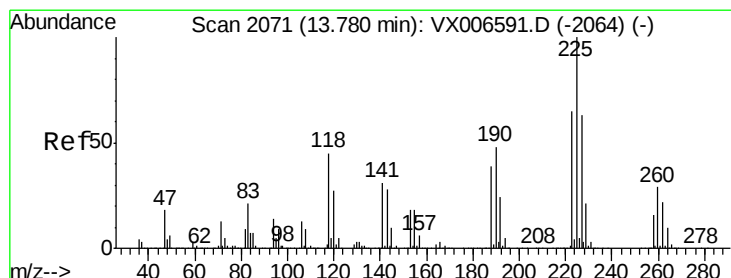
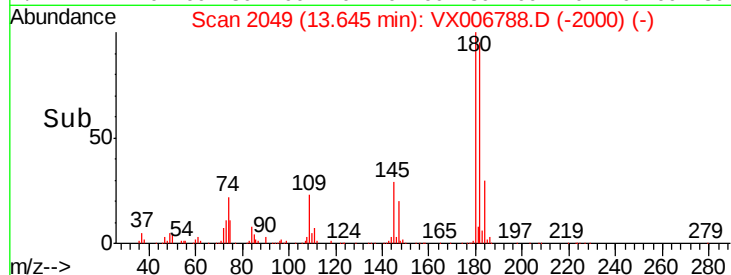
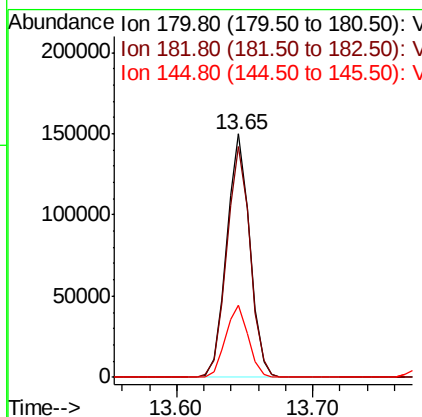
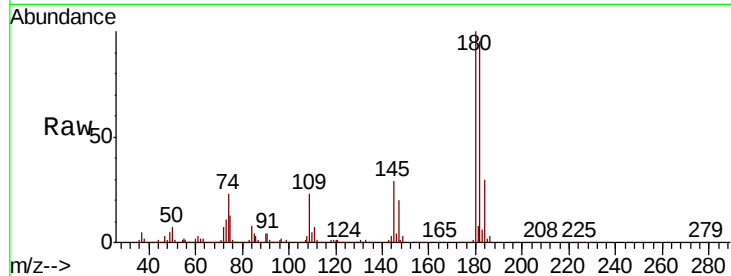
#93
 1,2,4-Trichlorobenzene
 Concen: 19.675 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	175972		
182	96.0	47.3	142.0	
145	29.3	14.8	44.3	

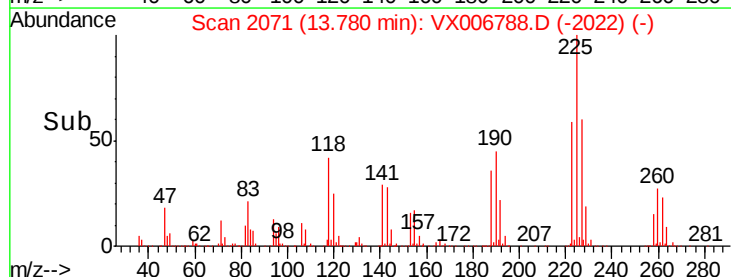
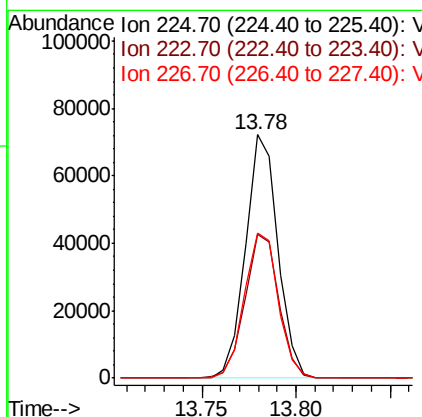
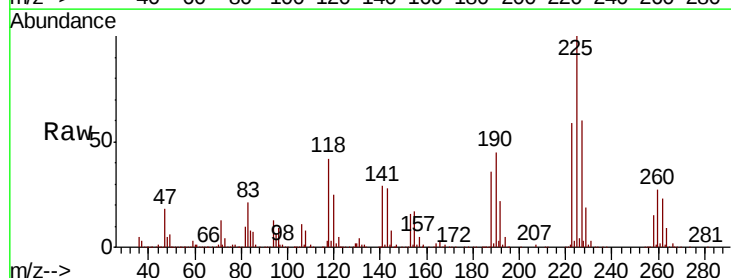
Manual Integrations
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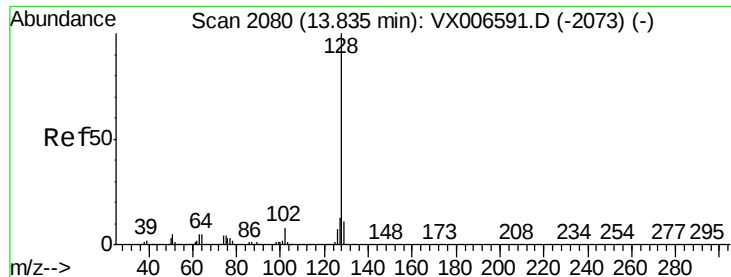
MMDadoda
 12/26/2018 9:57:12 AM



#94
 Hexachlorobutadiene
 Concen: 20.373 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006788.D
 Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85883		
223	61.7	32.1	96.3	
227	62.6	32.3	96.8	





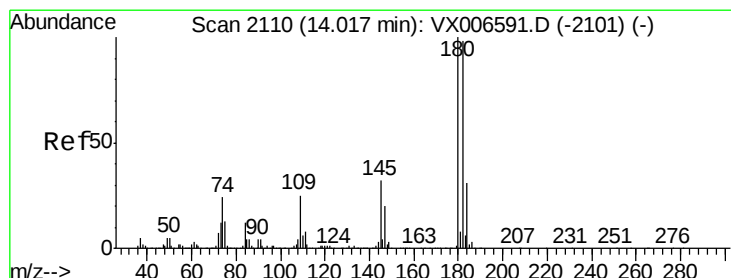
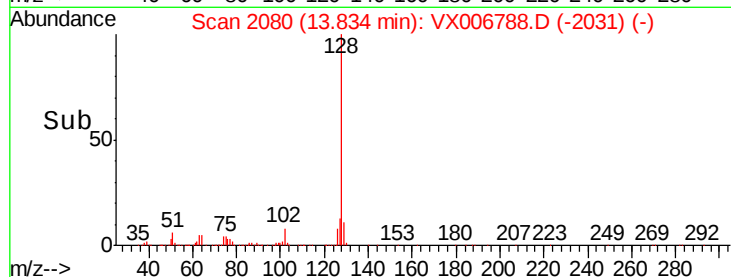
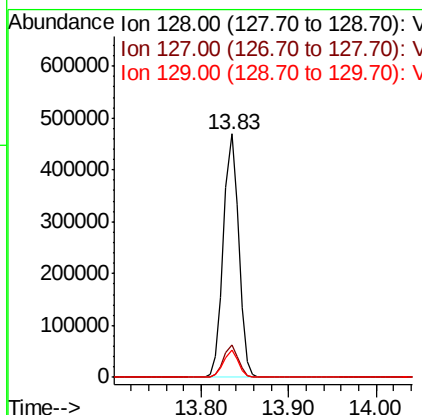
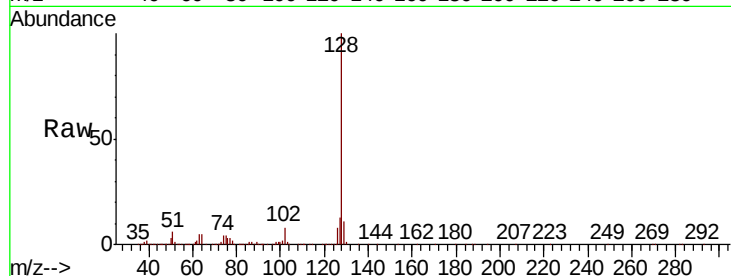
#95
Naphthalene
Concen: 19.831 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
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12/26/2018 9:57:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.546 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006788.D
Acq: 24 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.5	145.5
145	31.5	16.0	47.9

