

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013752.D
 Acq On : 04 Dec 2019 16:17
 Operator : JC/SP
 Sample : VX1204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Manual Integrations
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 12/5/2019 11:25:14 AM

Quant Time: Dec 05 02:34:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	647661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	982930	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	424514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	354440	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	5.49	113	292524	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	1123441	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.13	95	396751	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	135743	18.830	ug/l	100
3) Chloromethane	1.32	50	145018	17.928	ug/l	100
4) Vinyl Chloride	1.40	62	172681	18.967	ug/l	100
5) Bromomethane	1.63	94	92244	15.087	ug/l	98
6) Chloroethane	1.72	64	97079	18.739	ug/l	98
7) Trichlorofluoromethane	1.92	101	189760	18.771	ug/l	100
8) Diethyl Ether	2.18	74	88317	19.310	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114922	18.611	ug/l	98
10) Methyl Iodide	2.50	142	103449	13.849	ug/l	99
11) Tert butyl alcohol	3.03	59	165757	89.325	ug/l	98
12) 1,1-Dichloroethene	2.36	96	112553	18.261	ug/l	99
13) Acrolein	2.28	56	104622	88.283	ug/l	98
14) Allyl chloride	2.72	41	198287	17.727	ug/l	97
15) Acrylonitrile	3.13	53	351184	91.683	ug/l	99
16) Acetone	2.43	43	326237	87.895	ug/l	99
17) Carbon Disulfide	2.56	76	303414	17.268	ug/l	98
18) Methyl Acetate	2.76	43	203333	19.673	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	386985	18.953	ug/l	98
20) Methylene Chloride	2.85	84	134315	18.836	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	120300	17.916	ug/l	95
22) Diisopropyl ether	3.84	45	410860	19.076	ug/l	95
23) Vinyl Acetate	3.80	43	1660254	92.662	ug/l	100
24) 1,1-Dichloroethane	3.69	63	221714	18.831	ug/l	98
25) 2-Butanone	4.65	43	499890	90.621	ug/l	99
26) 2,2-Dichloropropane	4.58	77	172919	17.751	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	143626	18.626	ug/l	99
28) Bromochloromethane	5.01	49	97653	20.981	ug/l	97
29) Tetrahydrofuran	5.11	42	315592	92.805	ug/l	98
30) Chloroform	5.20	83	270256	22.633	ug/l	99
31) Cyclohexane	5.57	56	196387	17.684	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	187067	18.747	ug/l	99
36) 1,1-Dichloropropene	5.79	75	159969	17.929	ug/l	97
37) Ethyl Acetate	4.82	43	189462	18.928	ug/l	99
38) Carbon Tetrachloride	5.78	117	158385	19.251	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199595	18.097	ug/l	97
40) Benzene	6.14	78	508062	18.696	ug/l	99
41) Methacrylonitrile	5.03	41	102129	18.604	ug/l	95
42) 1,2-Dichloroethane	6.19	62	182909	19.736	ug/l	99
43) Isopropyl Acetate	6.44	43	309613	18.788	ug/l	99
44) Trichloroethene	7.21	130	137152	18.390	ug/l	94
45) 1,2-Dichloropropane	7.51	63	131309	19.313	ug/l	97
46) Dibromomethane	7.65	93	85402	18.494	ug/l	96
47) Bromodichloromethane	7.89	83	177147	20.292	ug/l	96
48) Methyl methacrylate	7.76	41	151688	18.945	ug/l	97
49) 1,4-Dioxane	7.73	88	68226	380.675	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	975891	94.145	ug/l	99
52) Toluene	8.78	92	317552	18.810	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	179785	18.093	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	205254	18.907	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	131043	19.262	ug/l	98
56) Ethyl methacrylate	9.17	69	207544	18.975	ug/l	98
57) 1,3-Dichloropropane	9.37	76	221854	18.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	390502	91.059	ug/l	99
59) 2-Hexanone	9.48	43	753941	93.257	ug/l	99
60) Dibromochloromethane	9.57	129	136407	19.320	ug/l	99
61) 1,2-Dibromoethane	9.67	107	138944	19.122	ug/l	99
64) Tetrachloroethene	9.33	164	121057	18.525	ug/l	98
65) Chlorobenzene	10.14	112	348635	19.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	127851	19.570	ug/l	99
67) Ethyl Benzene	10.25	91	600160	19.197	ug/l	99
68) m/p-Xylenes	10.36	106	457566	38.228	ug/l	100
69) o-Xylene	10.70	106	222054	19.022	ug/l	98
70) Styrene	10.71	104	376026	19.149	ug/l	99
71) Bromoform	10.85	173	104660	19.361	ug/l #	99
73) Isopropylbenzene	11.01	105	588492	19.763	ug/l	99
74) N-amyl acetate	10.89	43	261534	19.173	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	204654	19.818	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	165348m	17.317	ug/l	
77) Bromobenzene	11.25	156	156267	19.425	ug/l	99
78) n-propylbenzene	11.35	91	652912	19.641	ug/l	100
79) 2-Chlorotoluene	11.42	91	388132	19.464	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	487643	19.981	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61273	17.557	ug/l	95
82) 4-Chlorotoluene	11.51	91	442766	19.171	ug/l	100
83) tert-Butylbenzene	11.76	119	497959	20.076	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	492715	19.892	ug/l	99
85) sec-Butylbenzene	11.94	105	558018	19.696	ug/l	99
86) p-Isopropyltoluene	12.06	119	519584	19.714	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	265134	18.907	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	264702	18.532	ug/l	99
89) n-Butylbenzene	12.39	91	424554	18.886	ug/l	99
90) Hexachloroethane	12.59	117	91431	19.192	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	269353	19.440	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44291	19.695	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

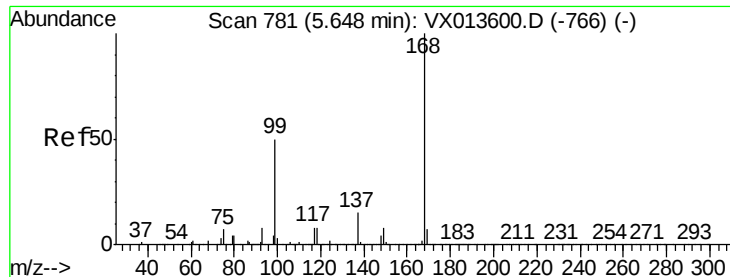
Manual Integrations
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12/5/2019 11:25:14 AM

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	172395	17.853	ug/l	97
94) Hexachlorobutadiene	13.78	225	88429	19.064	ug/l	97
95) Naphthalene	13.83	128	549673	19.115	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	180377	18.866	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampled :

VX1204WBSD01

Tot Ion:168 Resp: 647661

Ion Ratio Lower Upper

168 100

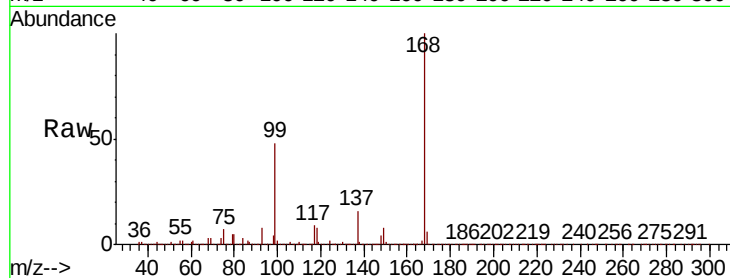
99 48.0 39.8 59.8

Manual Integrations

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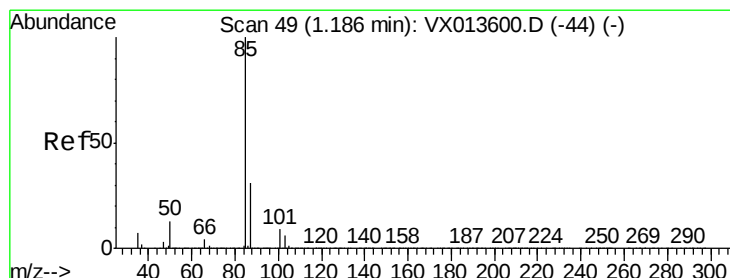
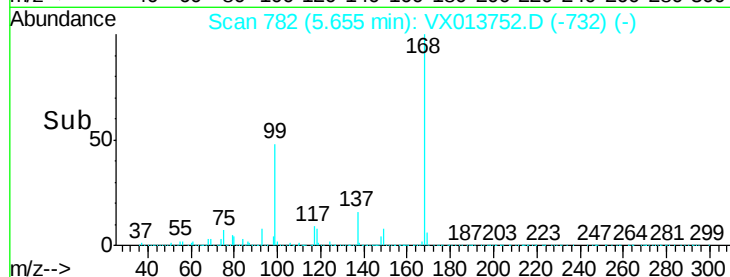
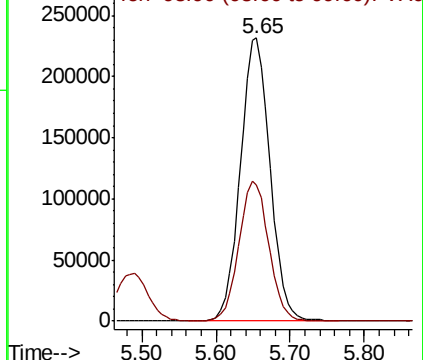
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.830 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013752.D

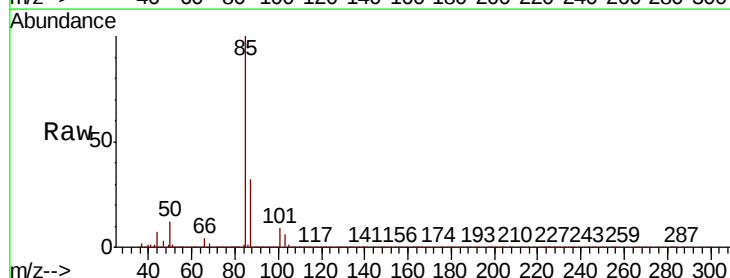
Acq: 04 Dec 2019 16:17

Tgt Ion: 85 Resp: 135743

Ion Ratio Lower Upper

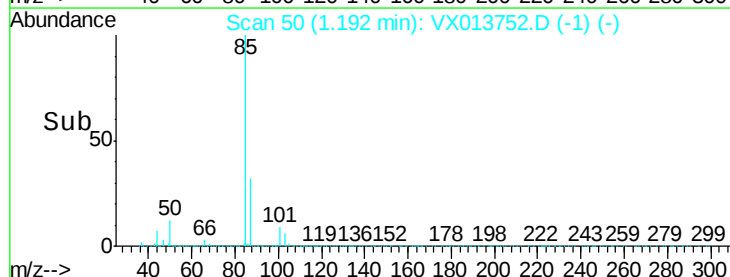
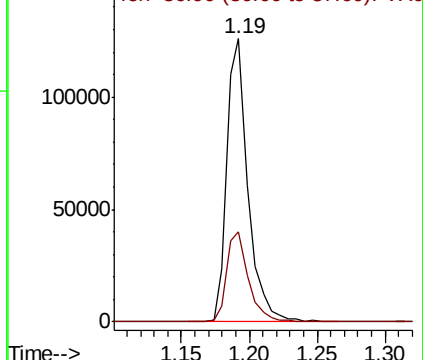
85 100

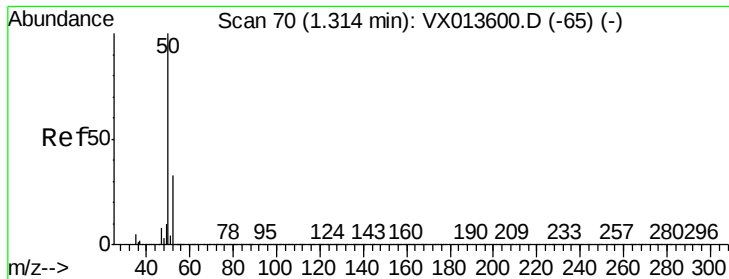
87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.928 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 50 Resp: 145018

Ion Ratio Lower Upper

50 100

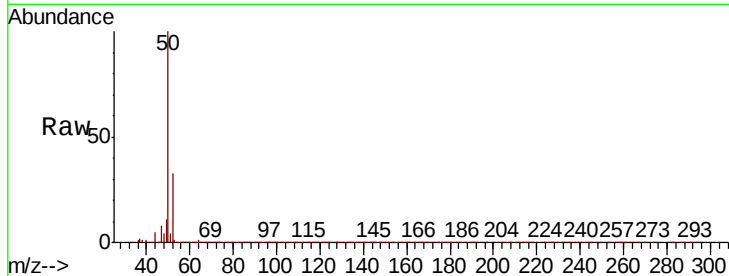
52 32.7 26.0 39.0

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

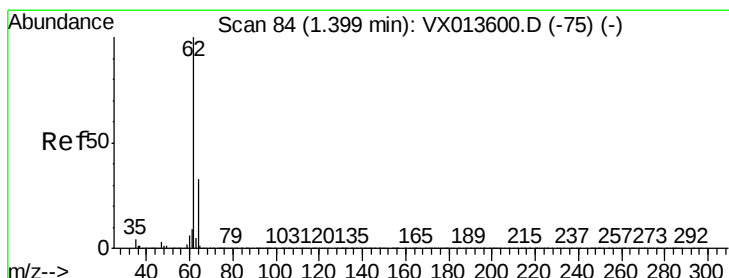
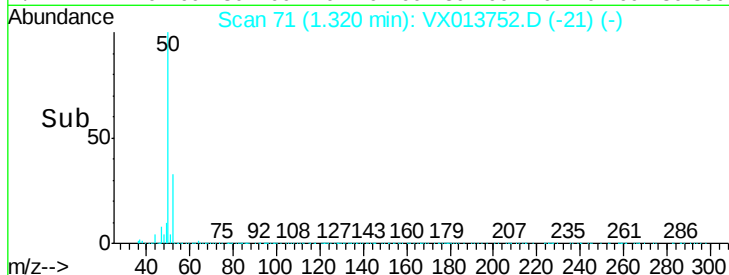
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 18.967 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013752.D

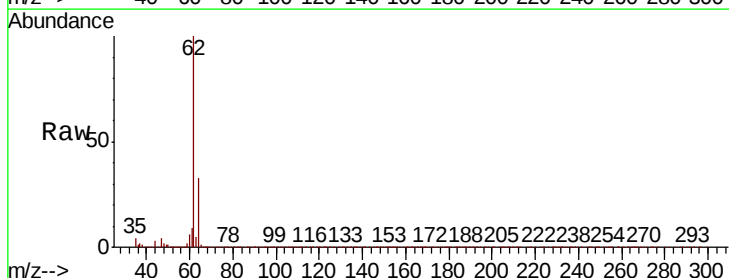
Acq: 04 Dec 2019 16:17

Tgt Ion: 62 Resp: 172681

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

150000

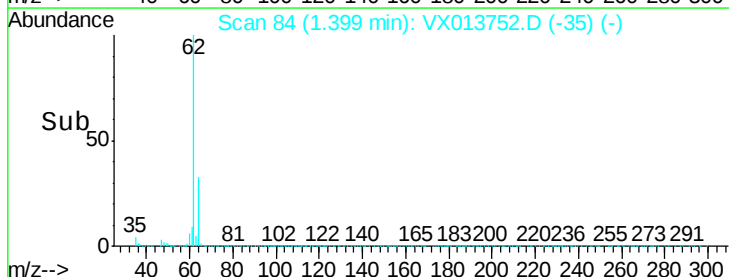
100000

50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 15.087 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 94 Resp: 92244

Ion Ratio Lower Upper

94 100

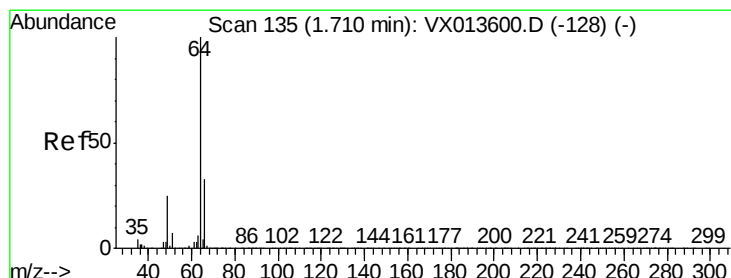
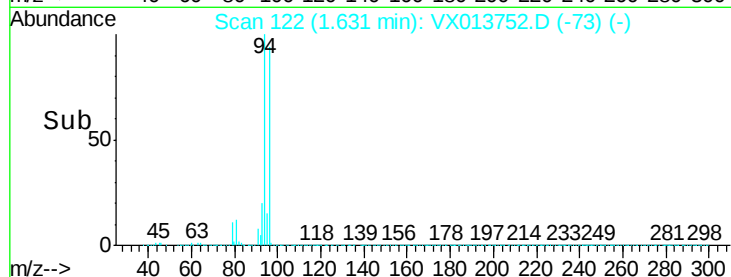
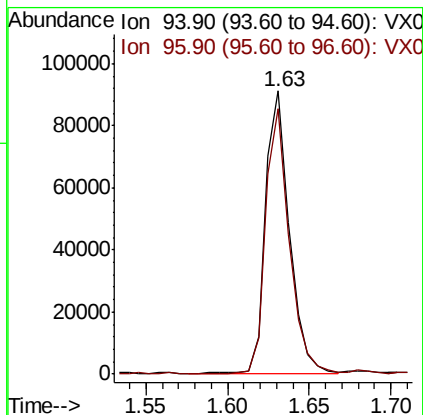
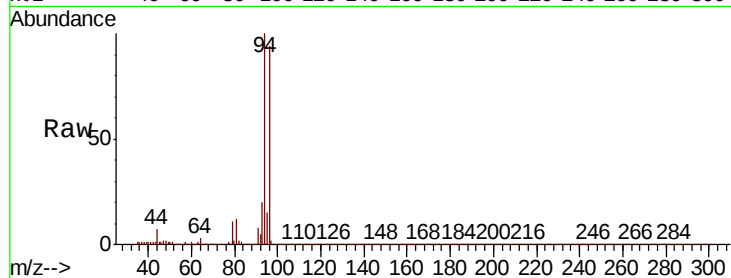
96 93.9 77.0 115.4

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#6

Chloroethane

Concen: 18.739 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013752.D

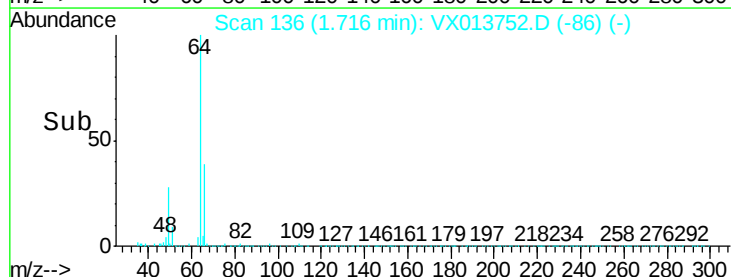
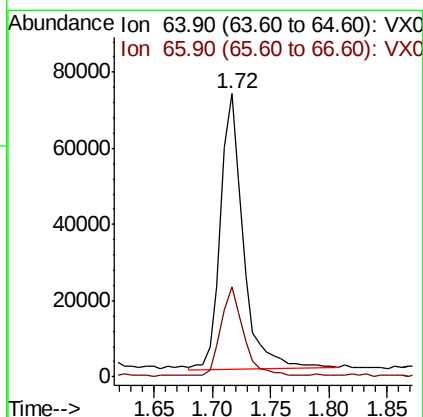
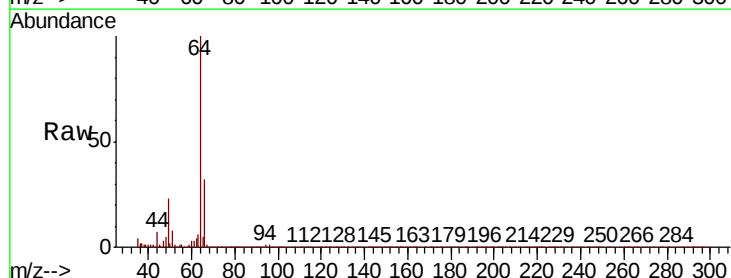
Acq: 04 Dec 2019 16:17

Tgt Ion: 64 Resp: 97079

Ion Ratio Lower Upper

64 100

66 32.5 26.7 40.1





#7

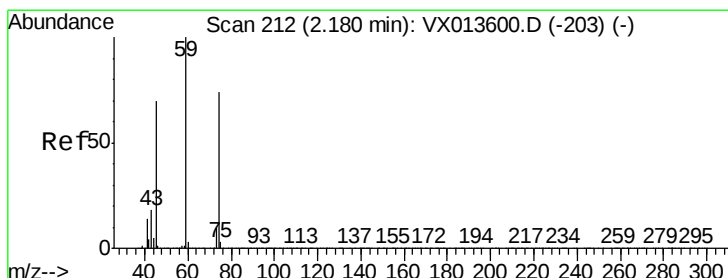
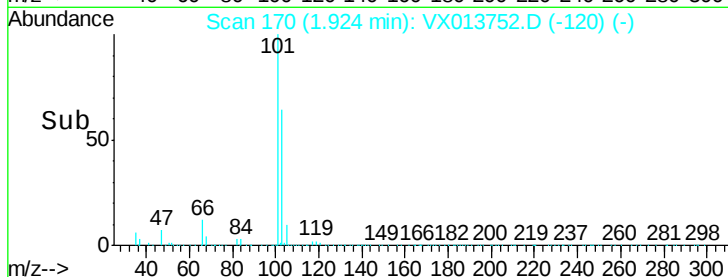
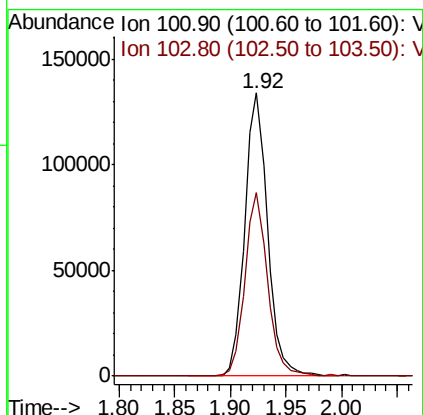
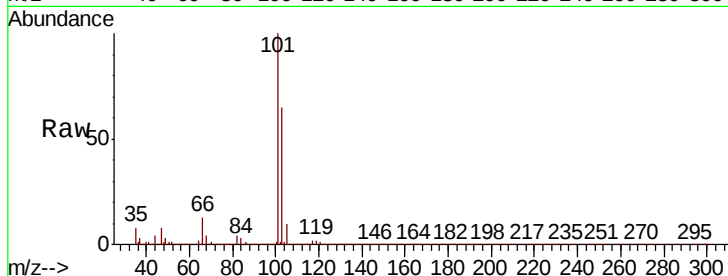
Trichlorofluoromethane
Concen: 18.771 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
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ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

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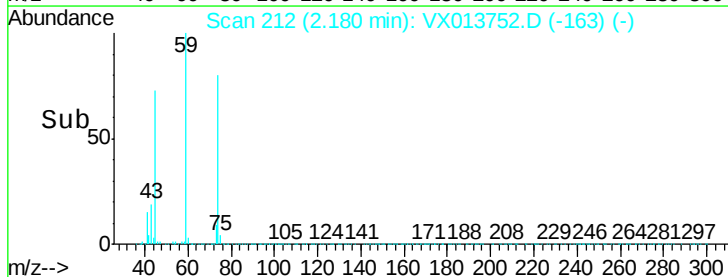
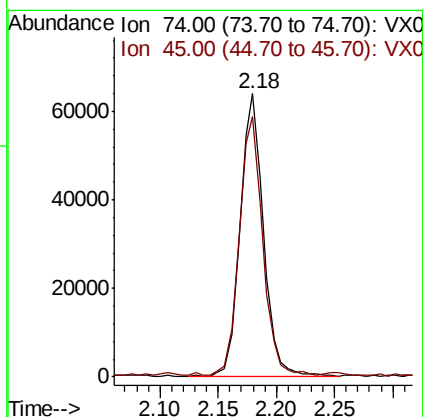
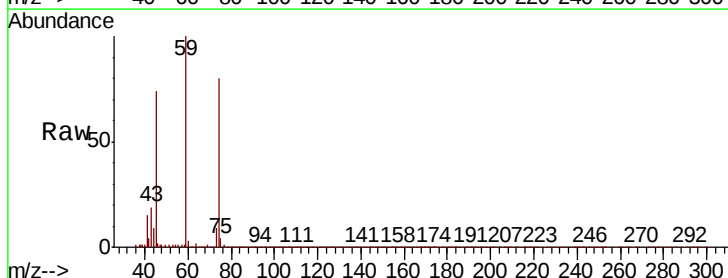
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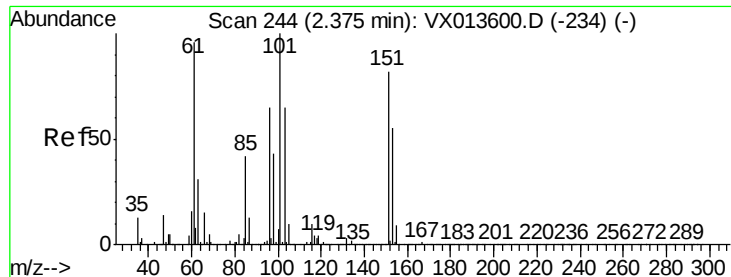


#8

Diethyl Ether
Concen: 19.310 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.611 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

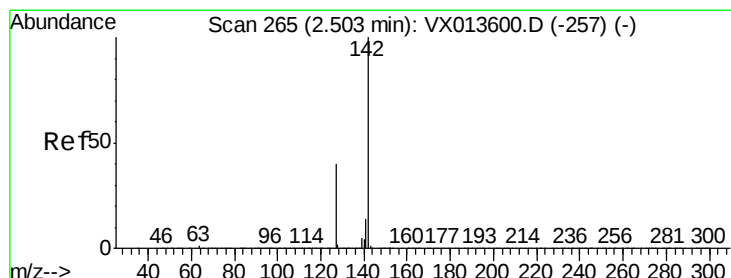
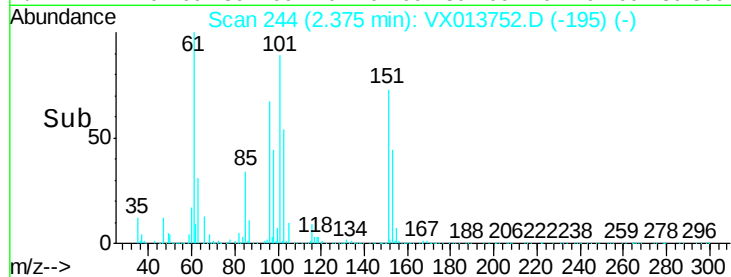
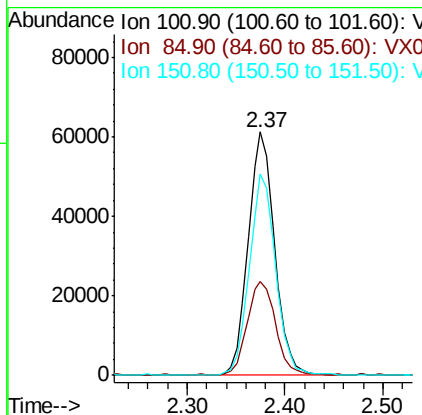
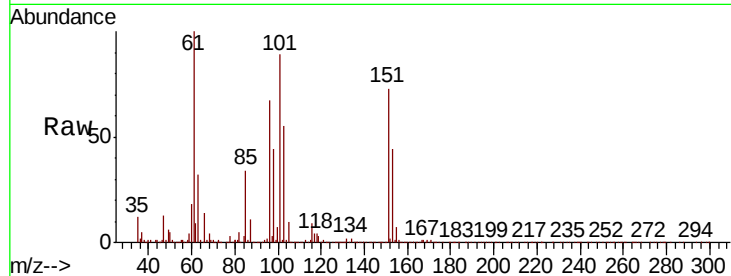
ClientSampleId :

VX1204WBSD01

Tot Ion:	101	Resp:	114922
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.9	50.9
151	82.1	64.2	96.2

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#10

Methyl Iodide

Concen: 13.849 ug/l

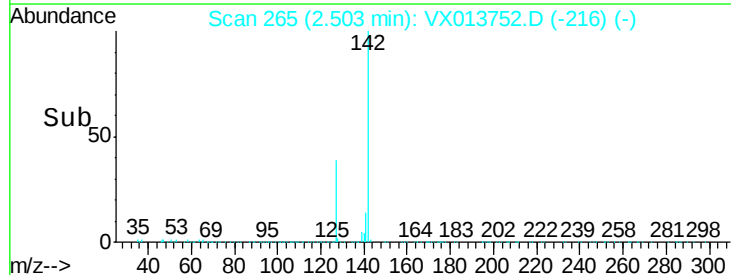
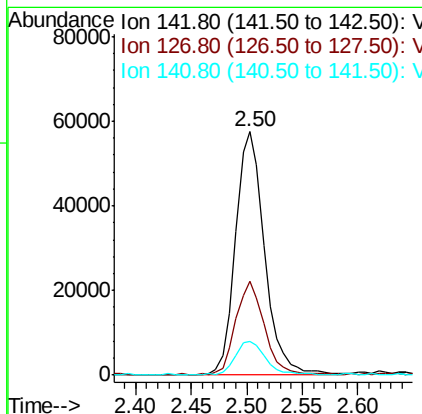
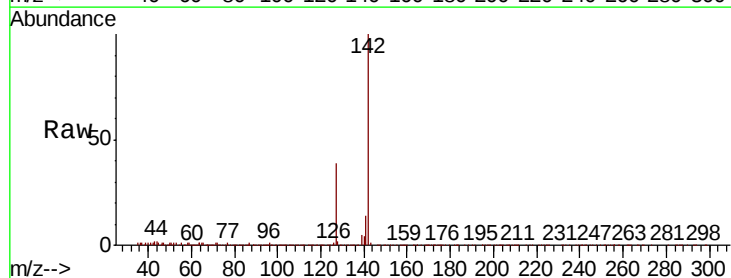
RT: 2.50 min Scan# 265

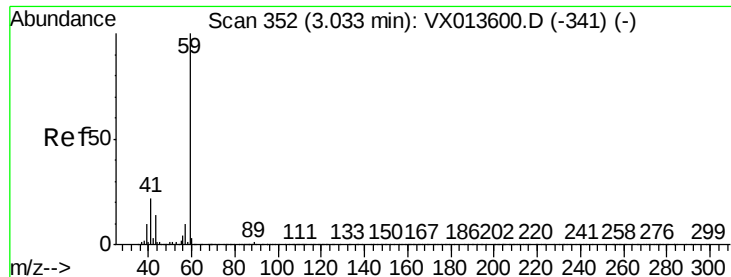
Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion:	142	Resp:	103449
Ion Ratio	Lower	Upper	
142	100		
127	37.7	31.0	46.4
141	14.9	11.6	17.4





#11

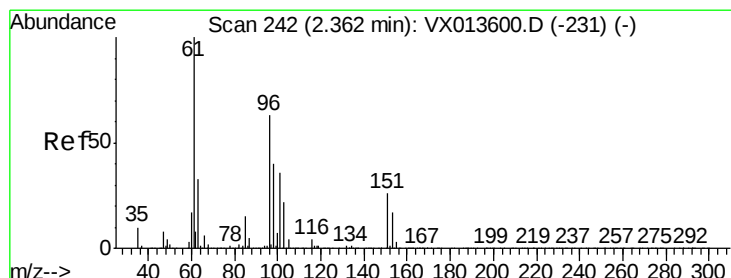
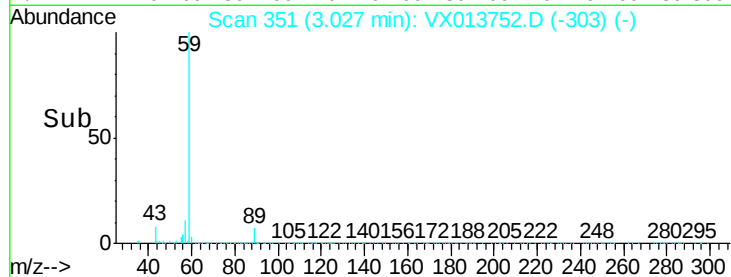
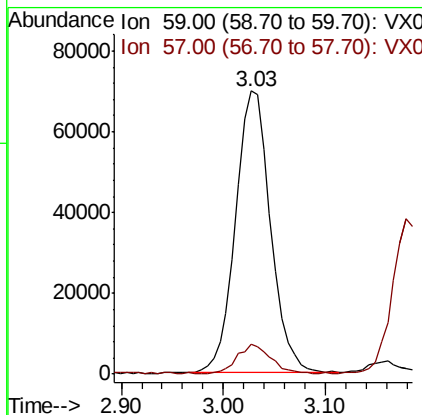
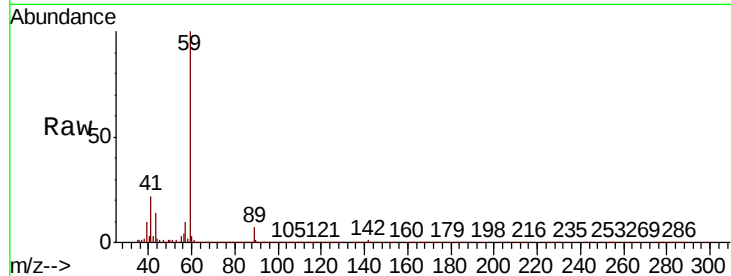
Tert butyl alcohol
Concen: 89.325 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.6

Manual Integrations
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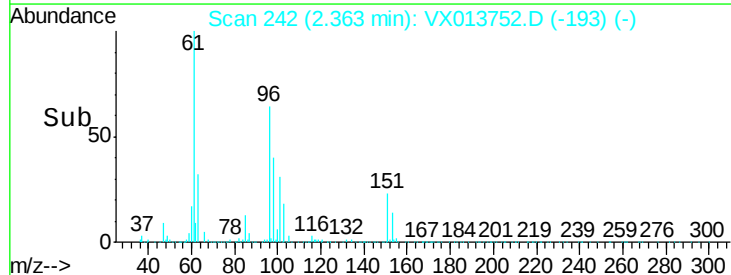
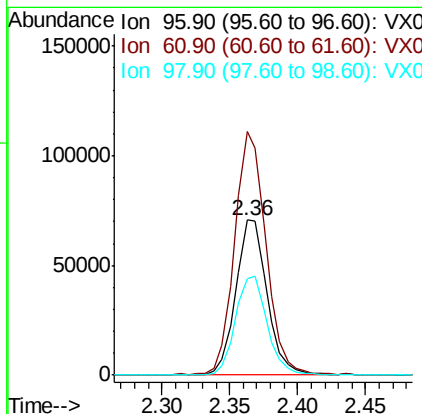
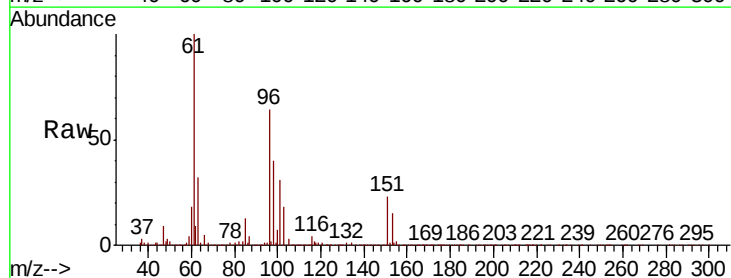
apatel
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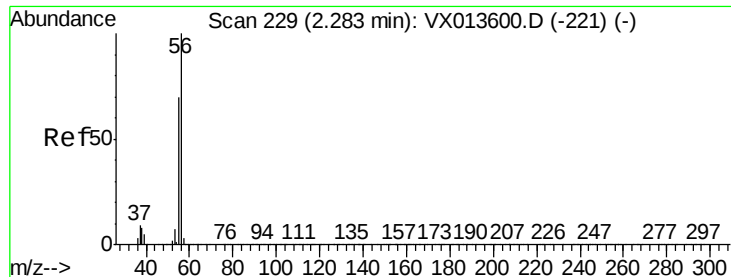


#12

1,1-Dichloroethene
Concen: 18.261 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	126.6	190.0
98	62.2	50.6	76.0





#13

Acrolein

Concen: 88.283 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 56 Resp: 104622

Ion Ratio Lower Upper

56 100

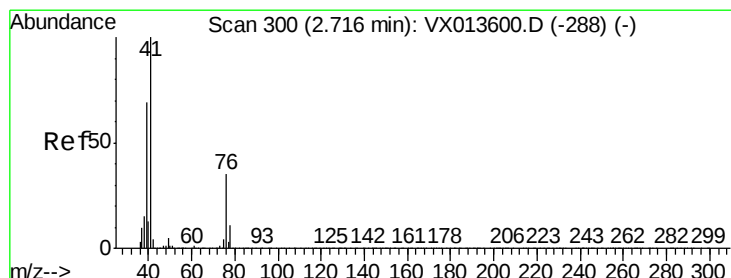
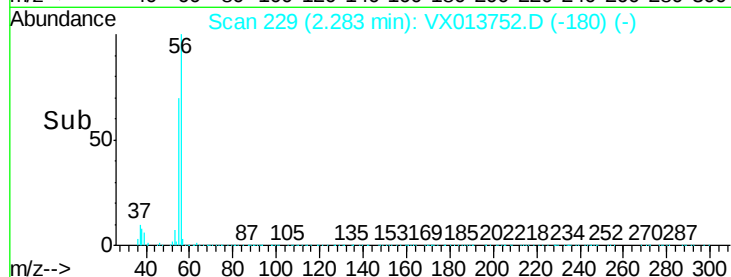
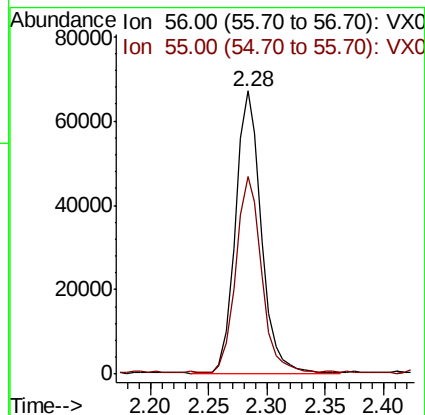
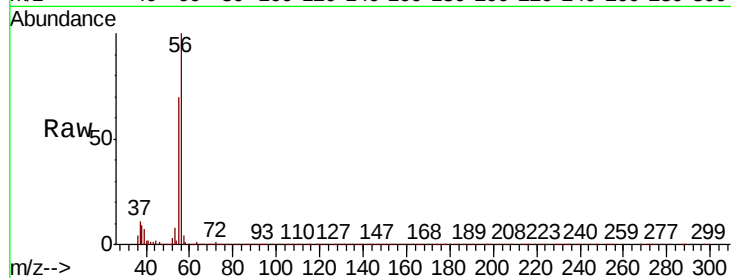
55 69.0 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 17.727 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

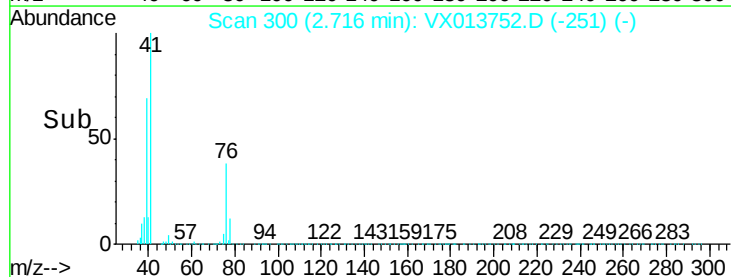
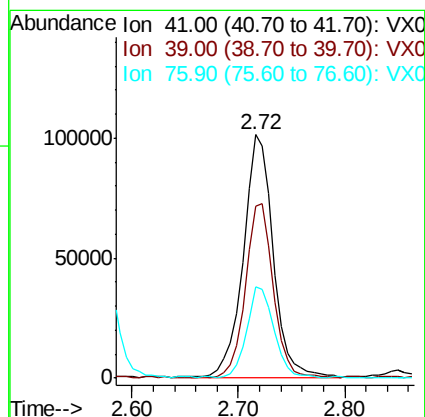
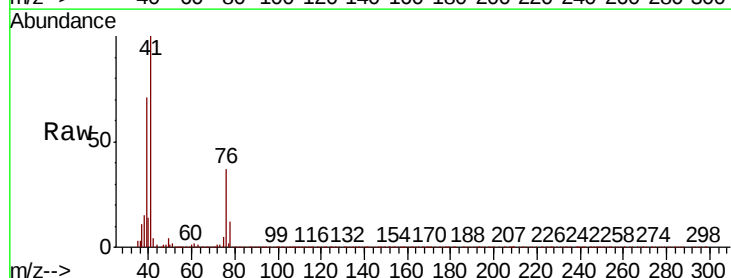
Tgt Ion: 41 Resp: 198287

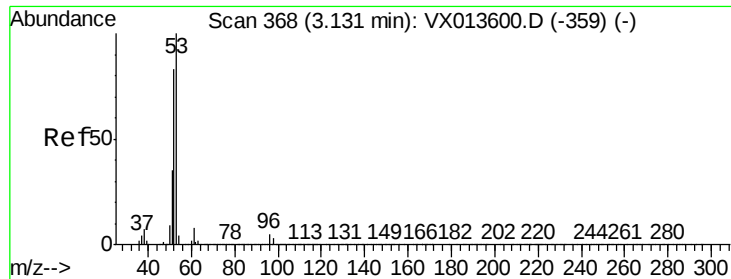
Ion Ratio Lower Upper

41 100

39 66.8 51.7 77.5

76 34.1 25.9 38.9





#15

Acrylonitrile

Concen: 91.683 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

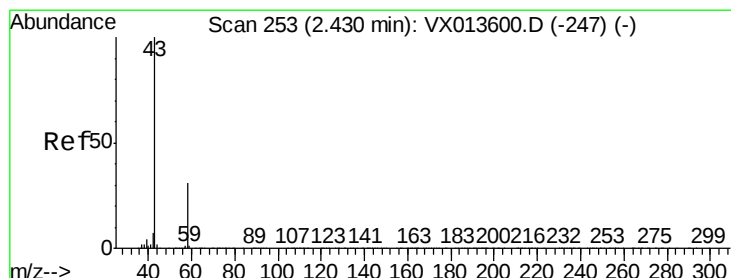
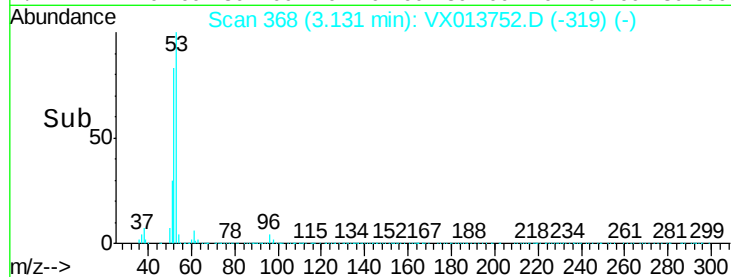
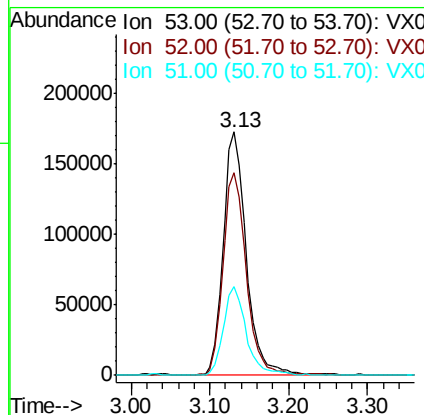
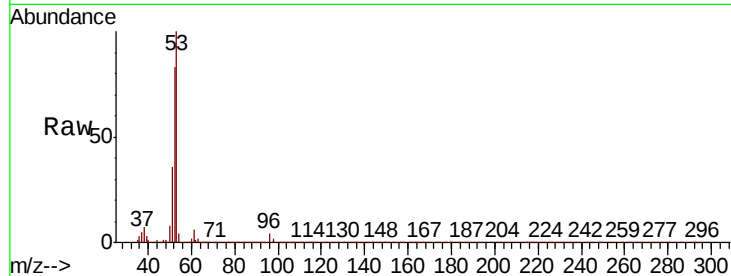
ClientSampleId :

VX1204WBSD01

Tot Ion:	53	Resp:	351184
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.2	99.2
51	35.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 87.895 ug/l

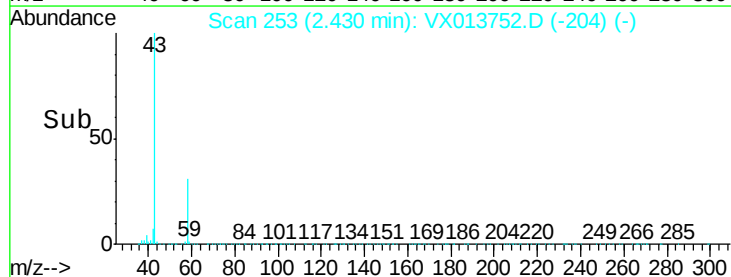
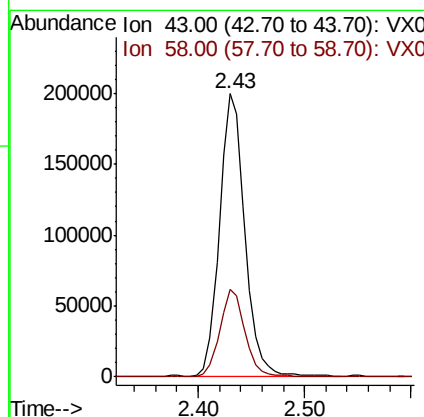
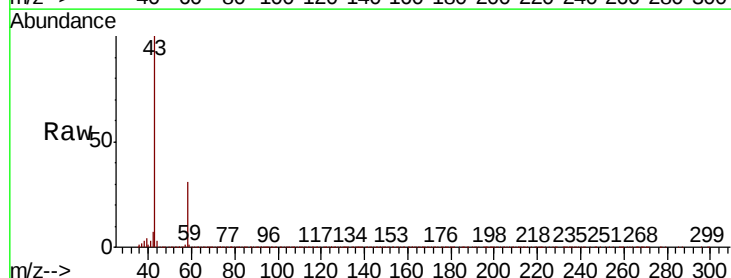
RT: 2.43 min Scan# 253

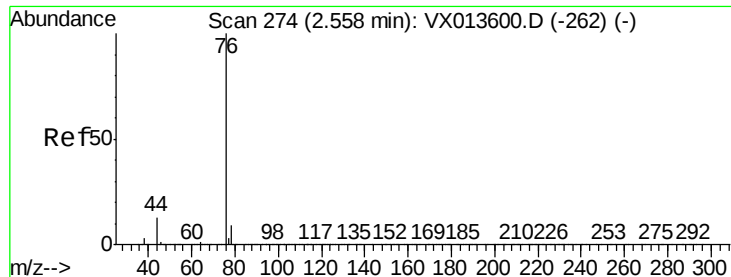
Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion:	43	Resp:	326237
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.6	36.8





#17

Carbon Disulfide

Concen: 17.268 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 76 Resp: 303414

Ion Ratio Lower Upper

76 100

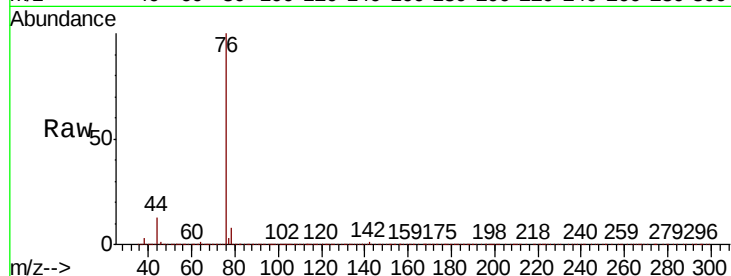
78 8.4 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

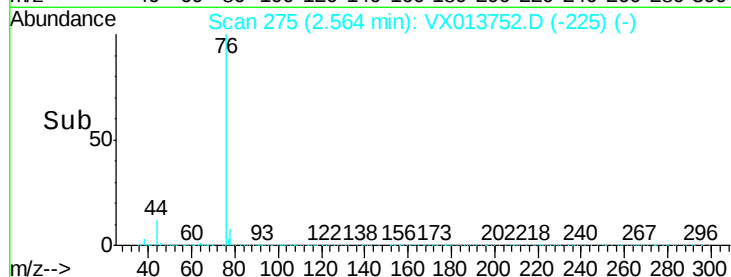
150000

100000

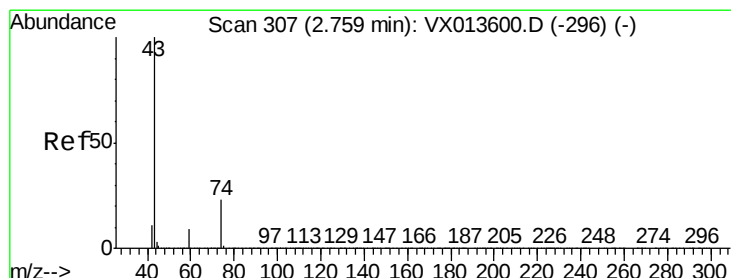
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 19.673 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013752.D

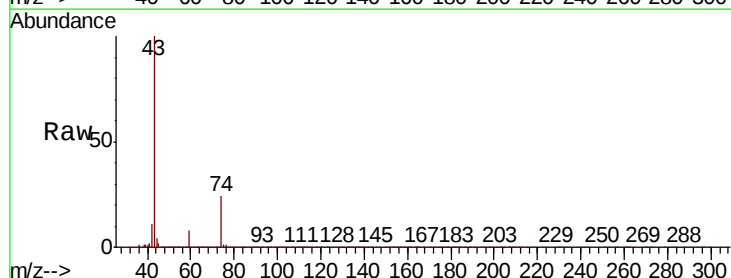
Acq: 04 Dec 2019 16:17

Tgt Ion: 43 Resp: 203333

Ion Ratio Lower Upper

43 100

74 25.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

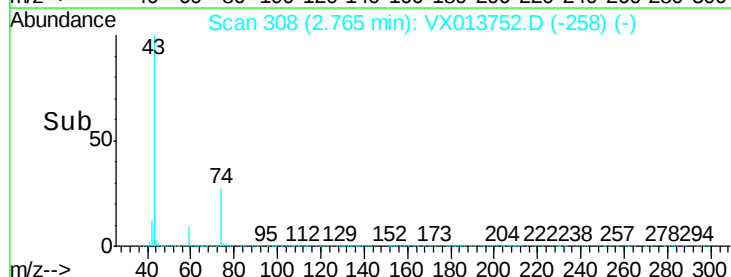
Ion 74.00 (73.70 to 74.70): VX0

100000

50000

0

Time-->



Time-->



#19

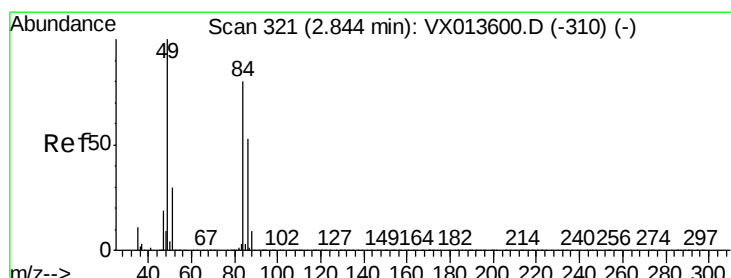
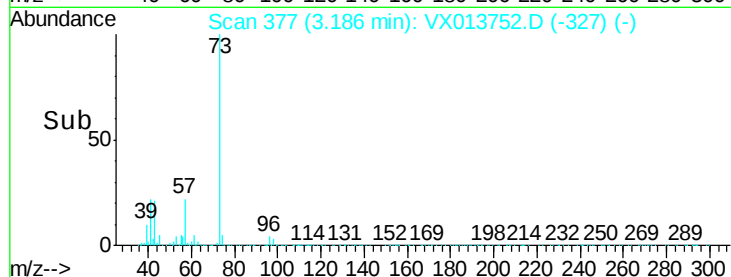
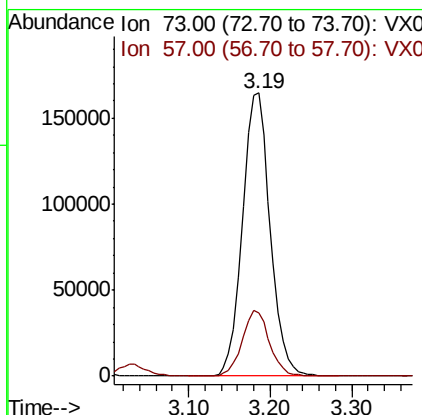
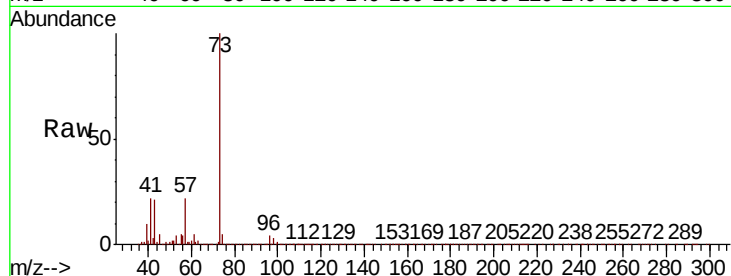
Methyl tert-butyl Ether
Concen: 18.953 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.3	27.5

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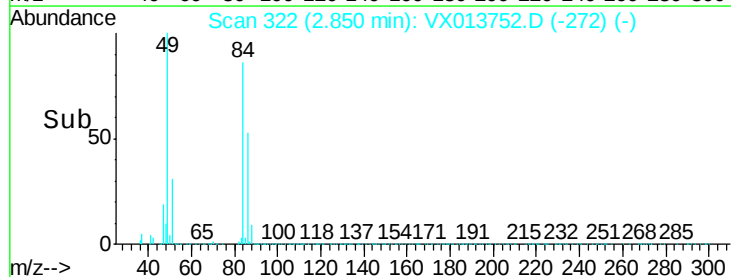
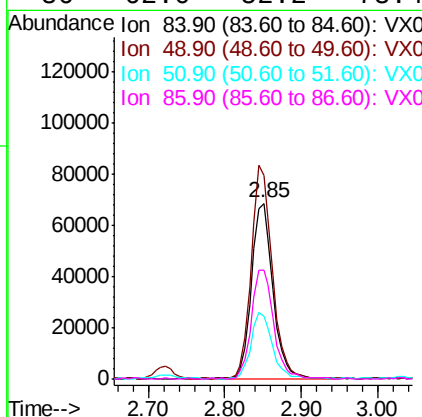
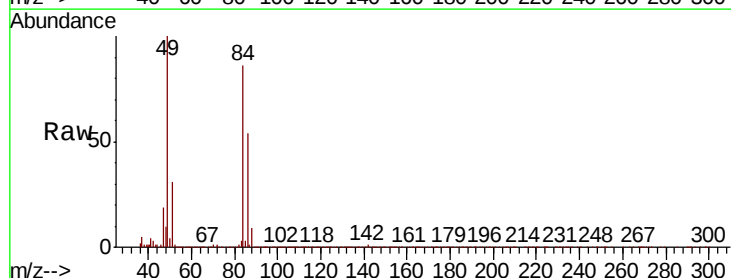
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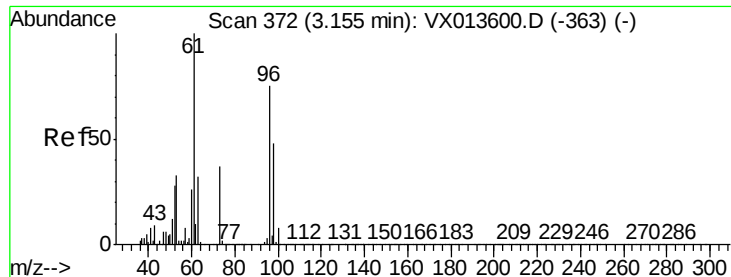


#20

Methylene Chloride
Concen: 18.836 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	99.7	149.5
51	35.5	29.9	44.9
86	62.0	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 17.916 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

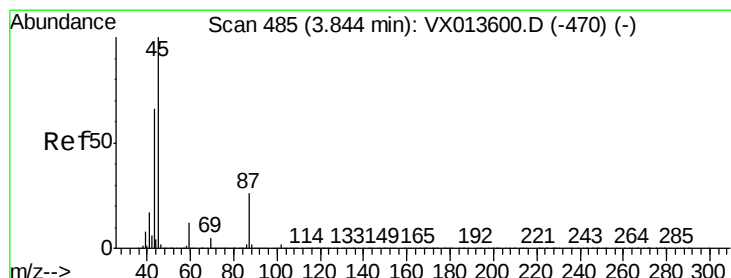
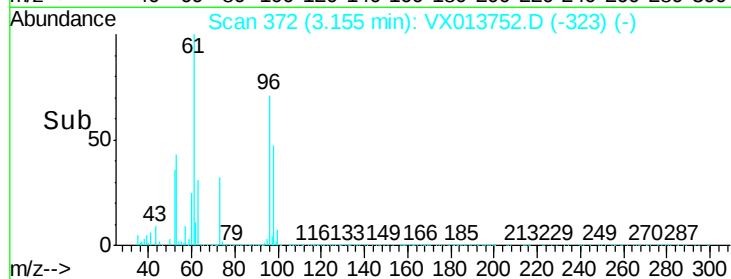
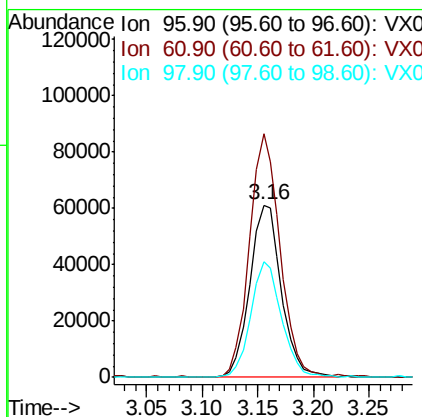
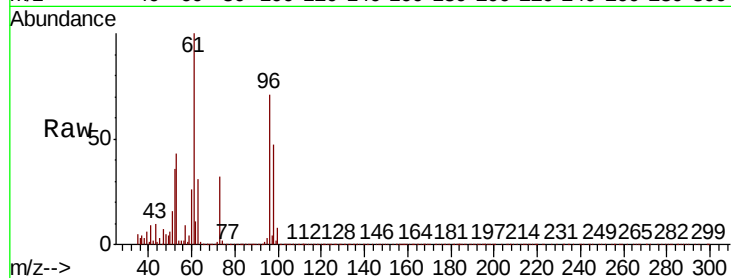
ClientSampleId :

VX1204WBSD01

Tot Ion:	96	Resp:	120300
Ion	Ratio	Lower	Upper
96	100		
61	141.2	107.2	160.8
98	66.8	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.076 ug/l

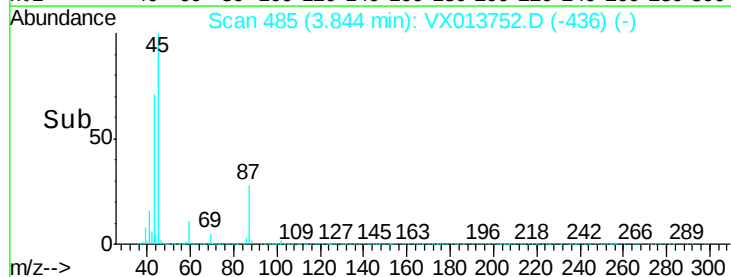
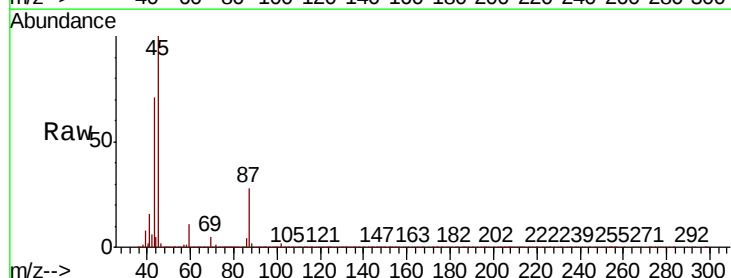
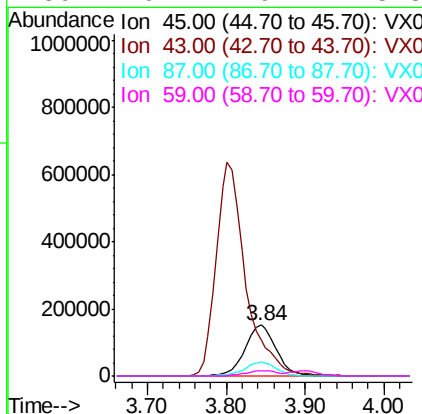
RT: 3.84 min Scan# 485

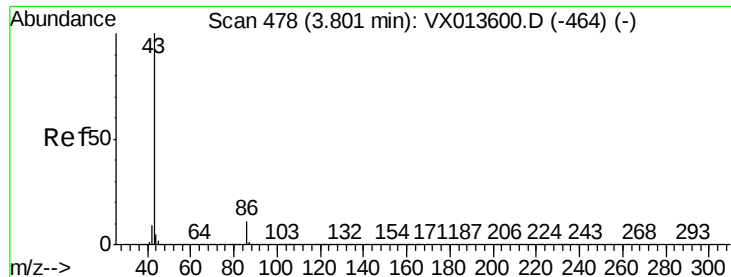
Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion:	45	Resp:	410860
Ion	Ratio	Lower	Upper
45	100		
43	70.7	52.6	79.0
87	27.7	21.1	31.7
59	10.7	9.2	13.8





#23

Vinyl Acetate

Concen: 92.662 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 43 Resp: 1660254

Ion Ratio Lower Upper

43 100

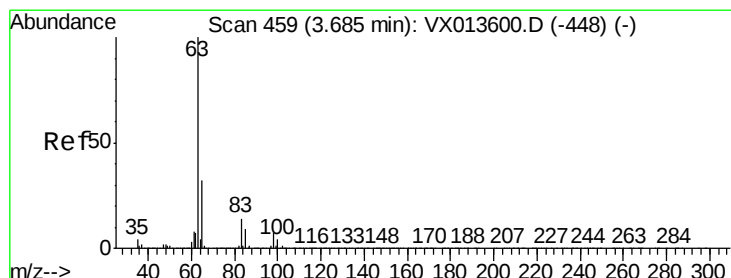
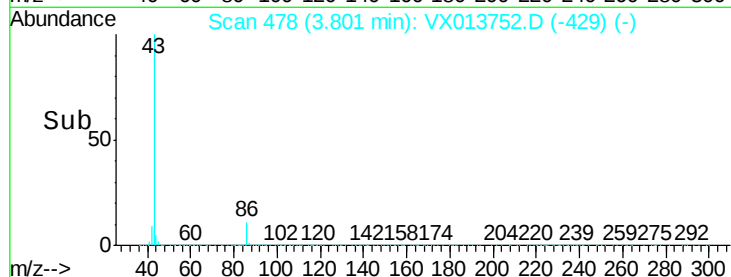
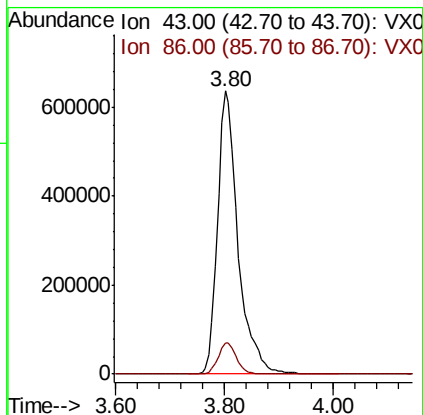
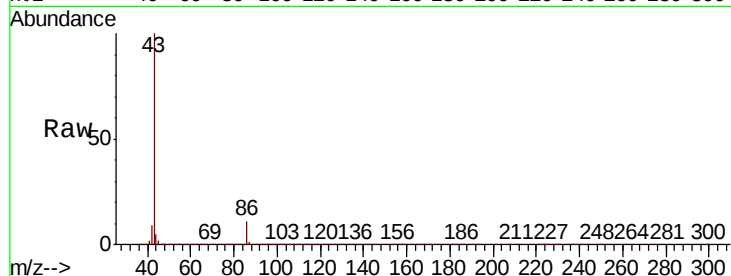
86 10.9 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 18.831 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

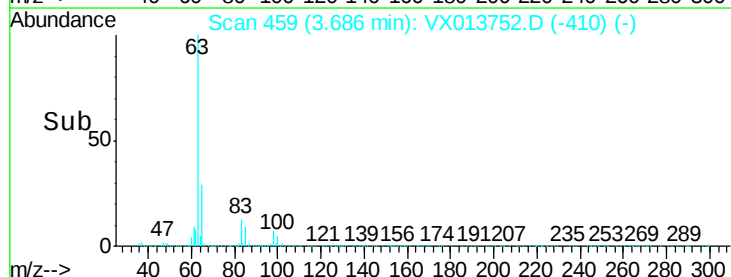
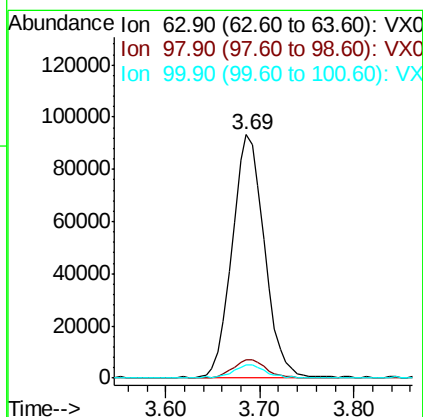
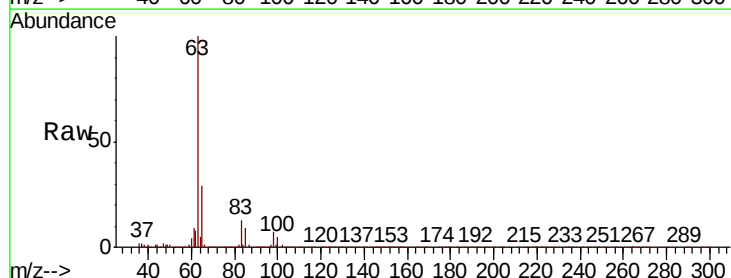
Tgt Ion: 63 Resp: 221714

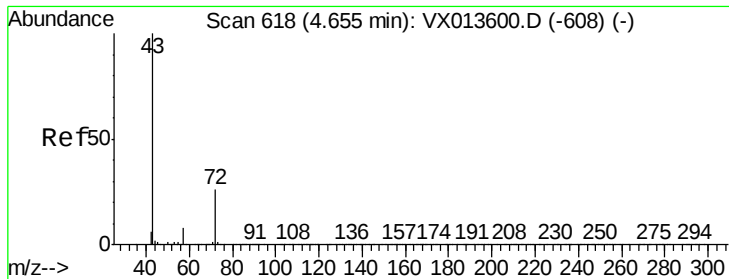
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 5.2 2.1 6.3





#25

2-Butanone

Concen: 90.621 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 43 Resp: 499890

Ion Ratio Lower Upper

43 100

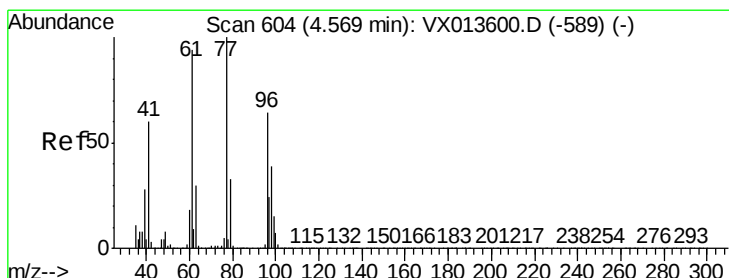
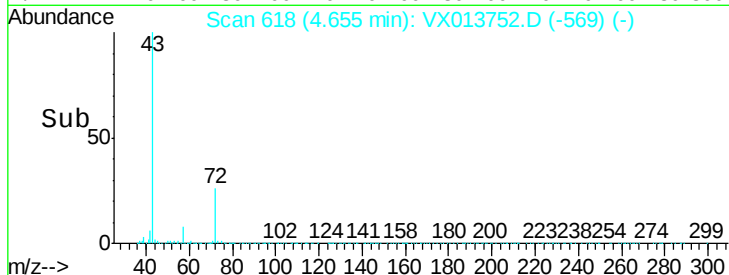
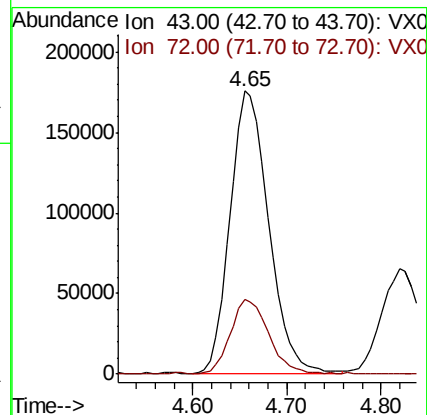
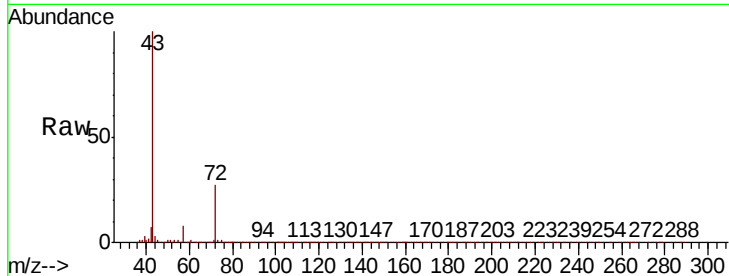
72 26.4 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.751 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013752.D

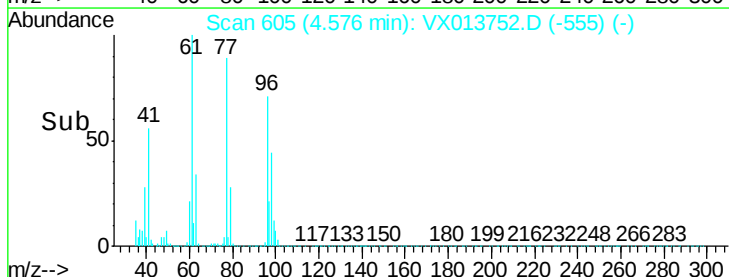
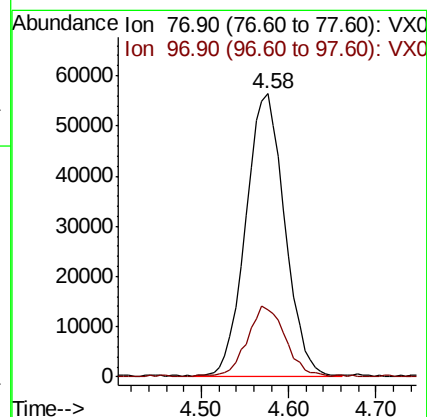
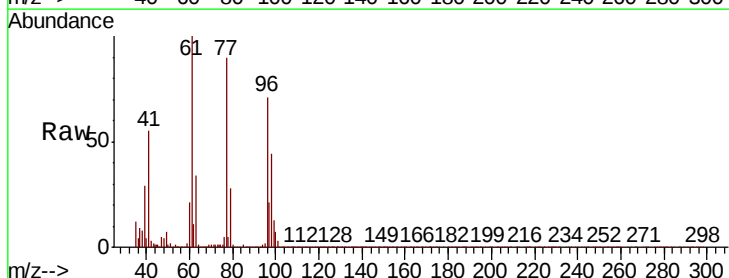
Acq: 04 Dec 2019 16:17

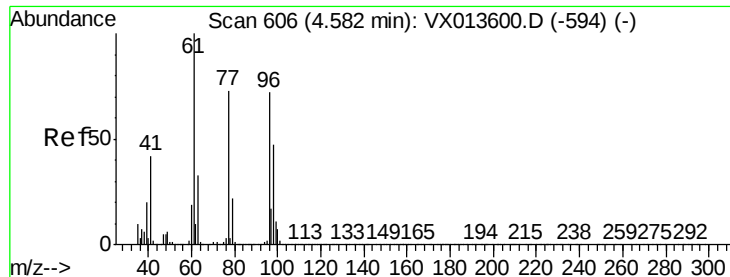
Tgt Ion: 77 Resp: 172919

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1





#27

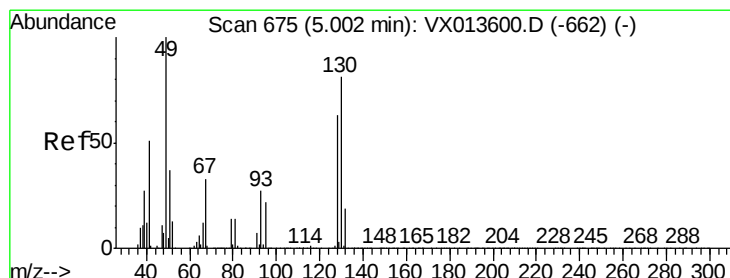
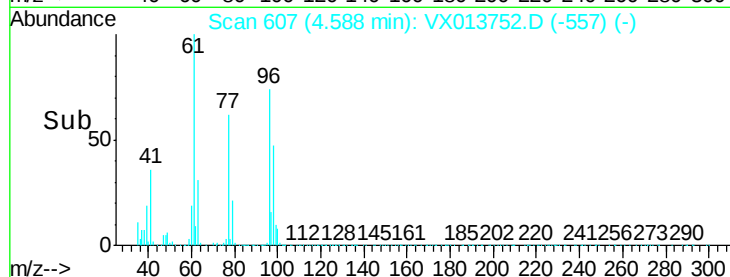
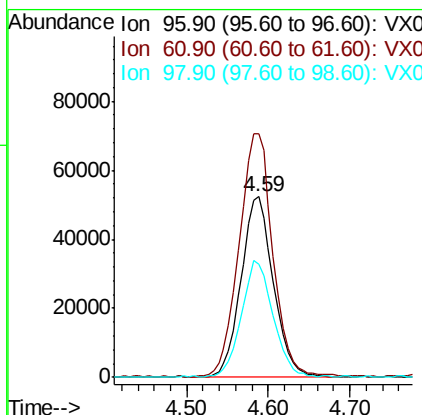
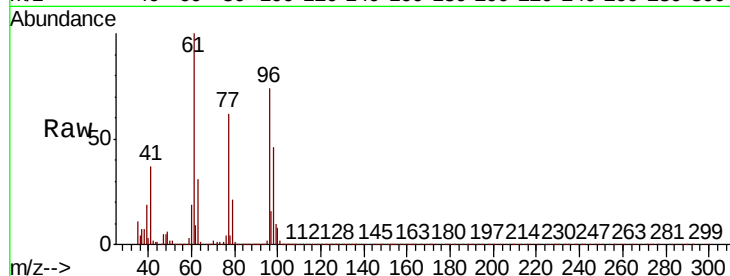
cis-1,2-Dichloroethene
Concen: 18.626 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	143626		
61	142.4	0.0	286.4	
98	63.0	0.0	127.4	

Manual Integrations
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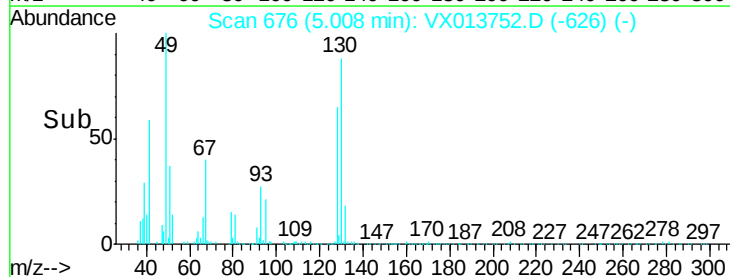
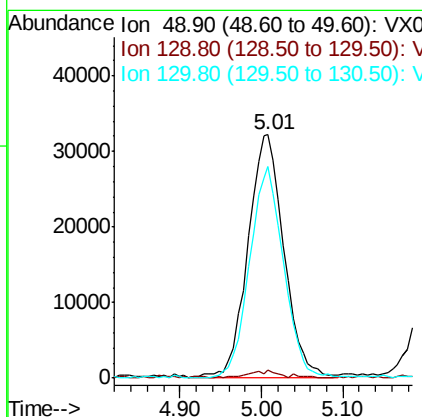
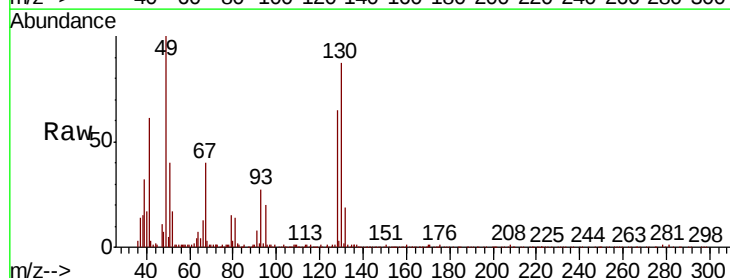
apatel
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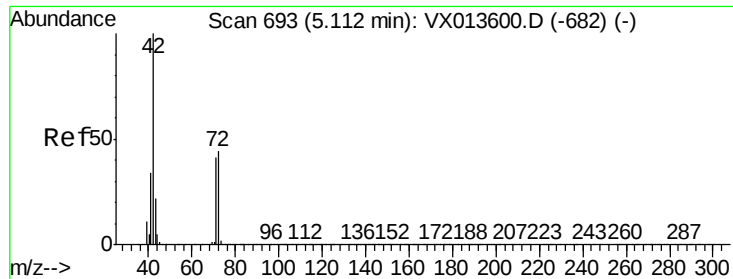


#28

Bromochloromethane
Concen: 20.981 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97653		
129	2.6	0.0	5.0	
130	84.0	65.4	98.0	





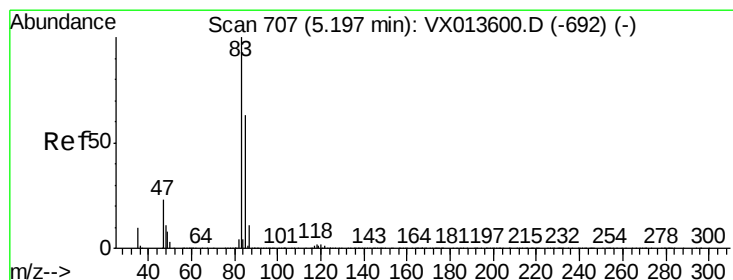
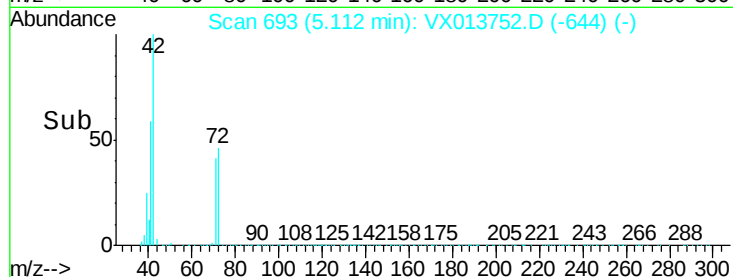
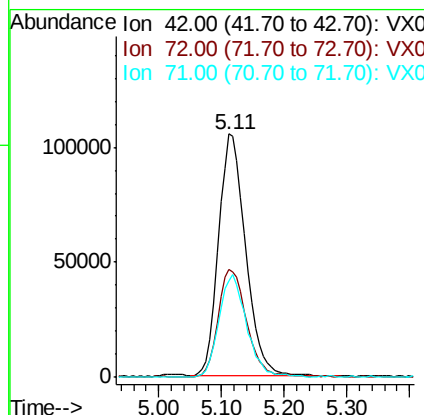
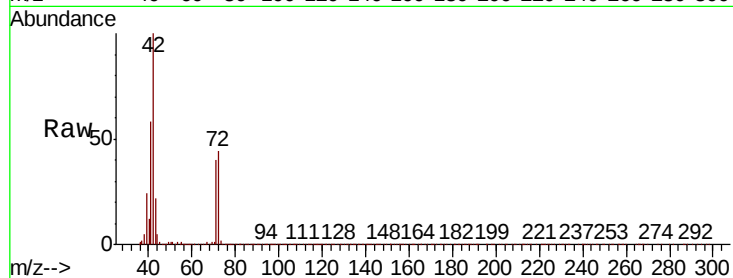
#29
Tetrahydrofuran
Concen: 92.805 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.3	54.5
71	42.8	33.2	49.8

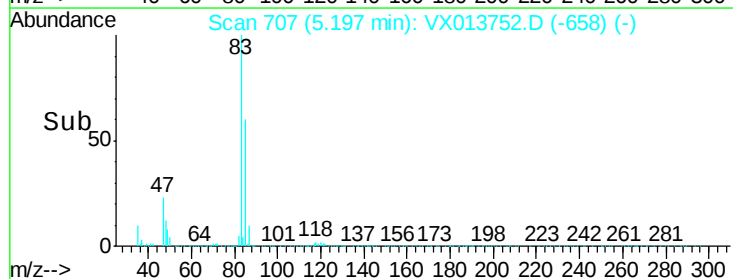
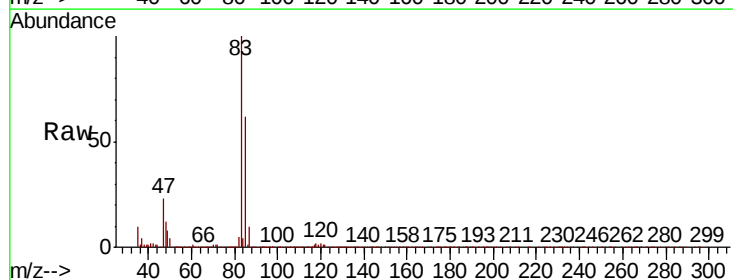
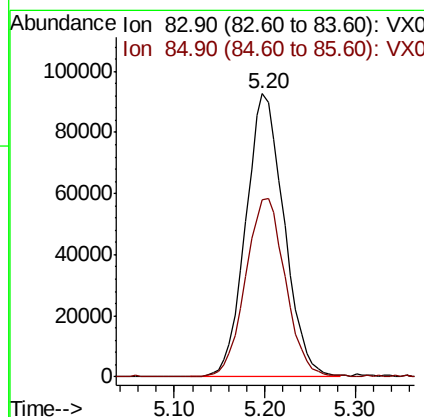
Manual Integrations
APPROVED

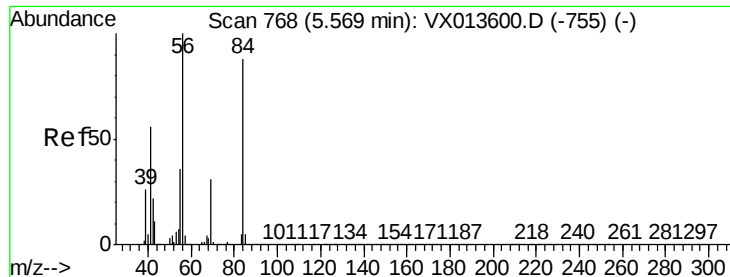
apatel
12/5/2019 11:25:14 AM



#30
Chloroform
Concen: 22.633 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.2	75.4





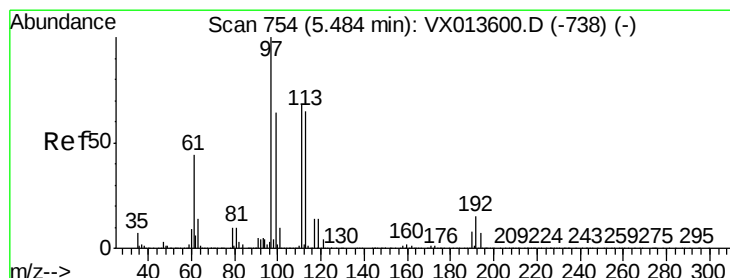
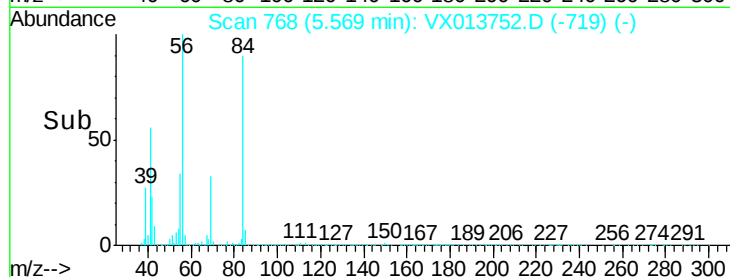
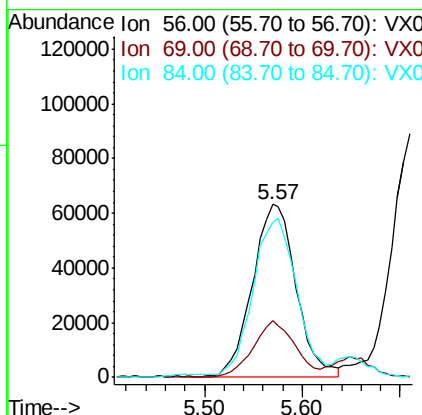
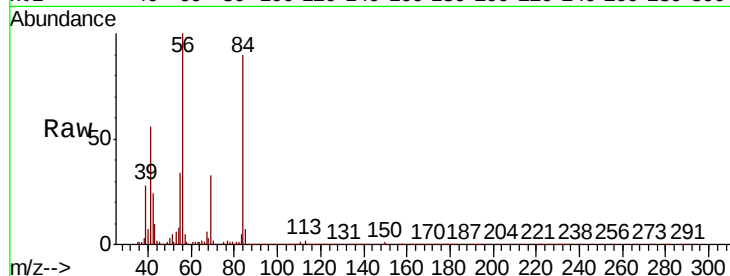
#31
Cyclohexane
Concen: 17.684 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.6	36.8
84	89.0	70.0	105.0

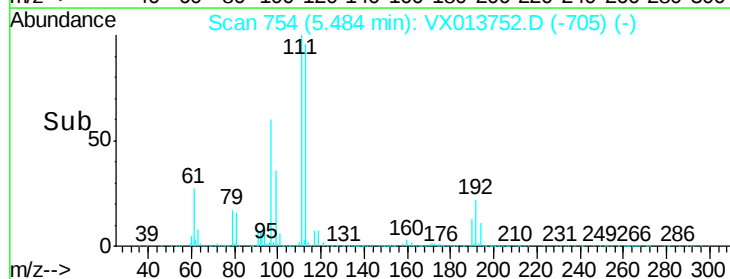
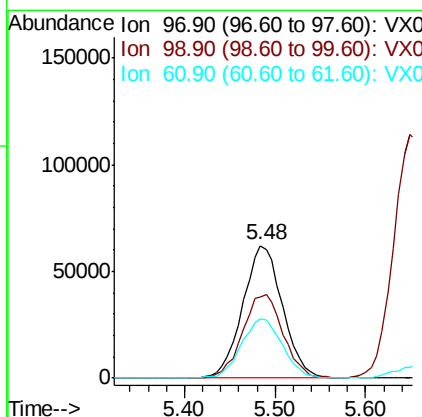
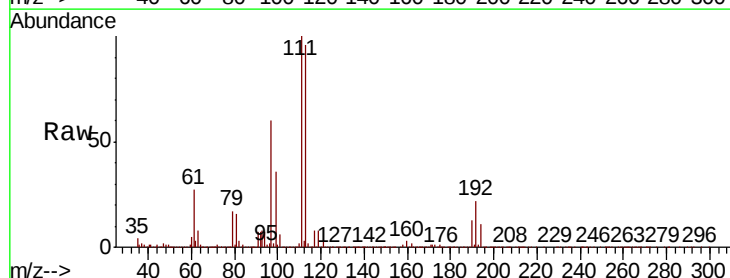
Manual Integrations
APPROVED

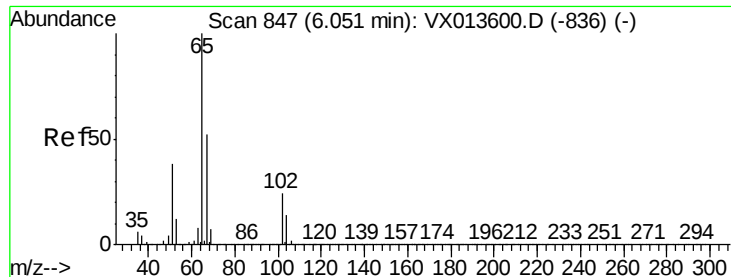
apatel
12/5/2019 11:25:14 AM



#32
1,1,1-Trichloroethane
Concen: 18.747 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	45.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.146 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 65 Resp: 354440

Ion Ratio Lower Upper

65 100

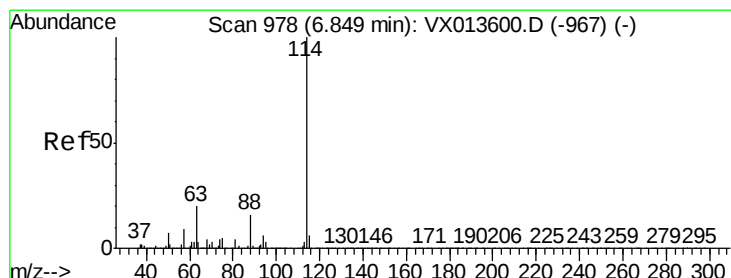
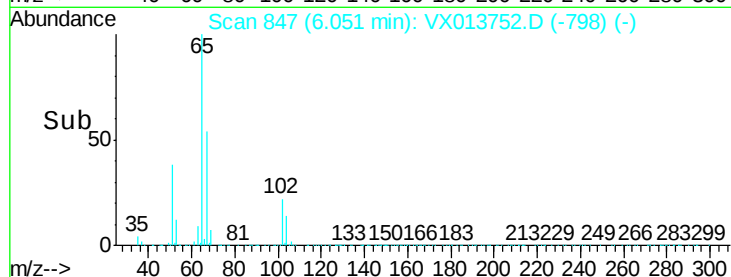
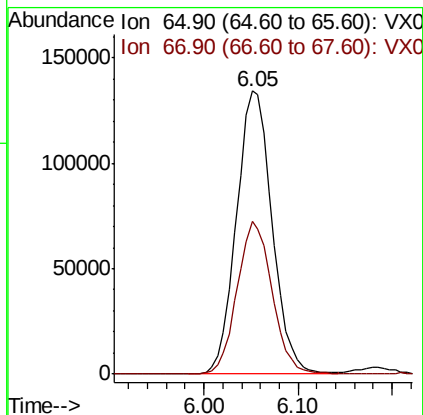
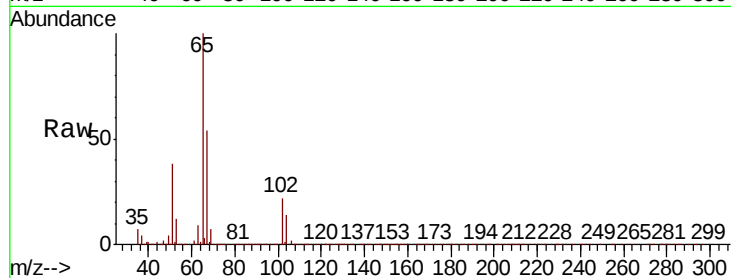
67 52.6 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

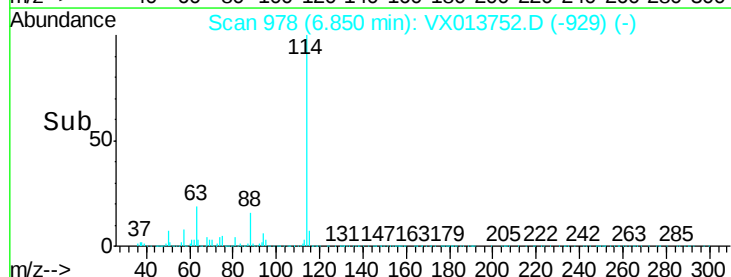
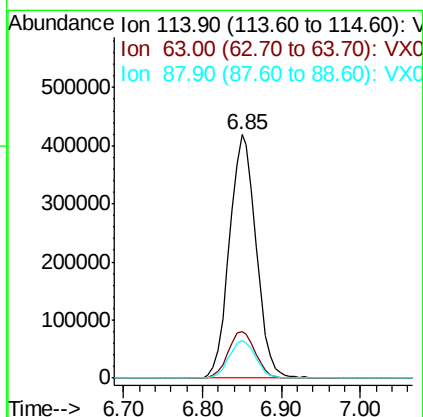
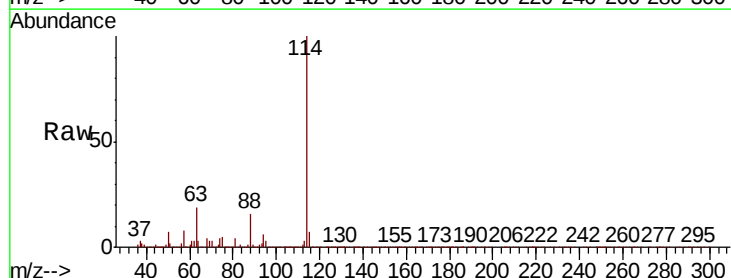
Tgt Ion: 114 Resp: 982930

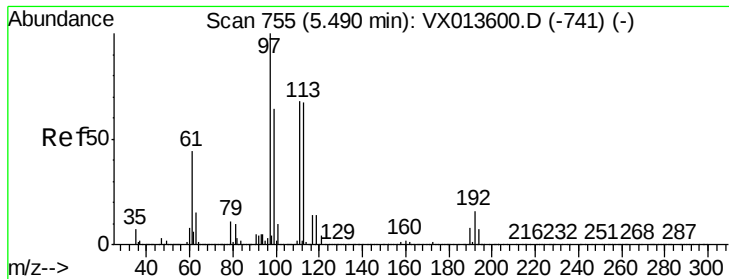
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.6 0.0 31.4





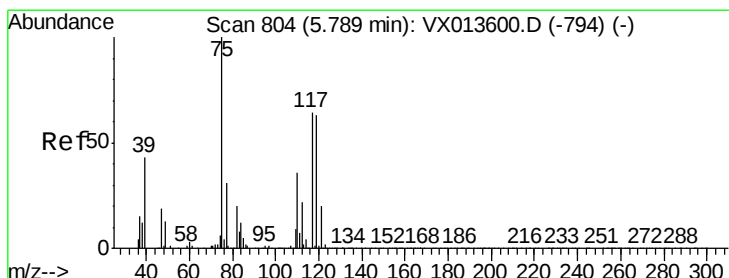
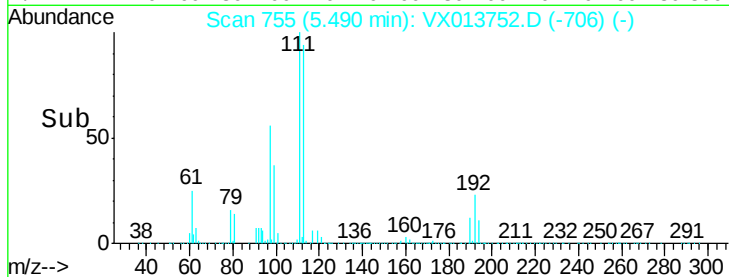
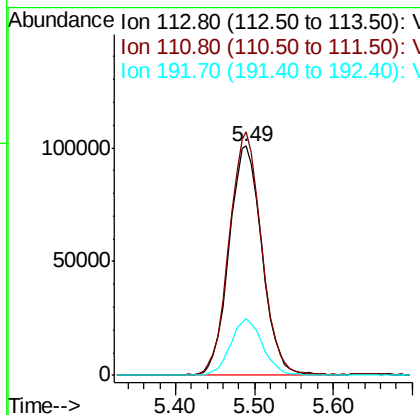
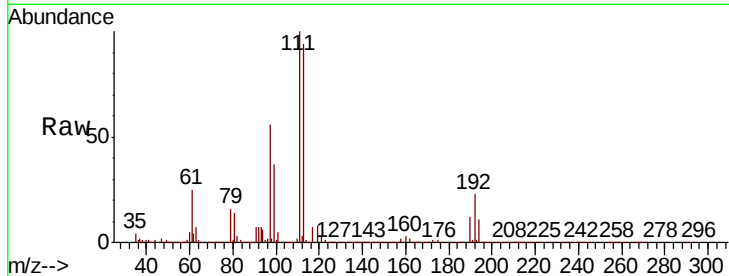
#35
 Dibromofluoromethane
 Concen: 48.139 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	292524		
111	104.0	83.6	125.4	
192	24.2	19.2	28.8	

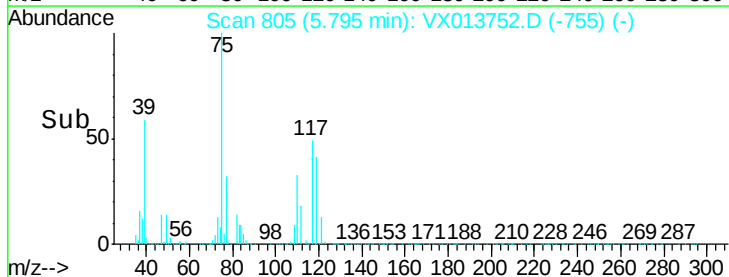
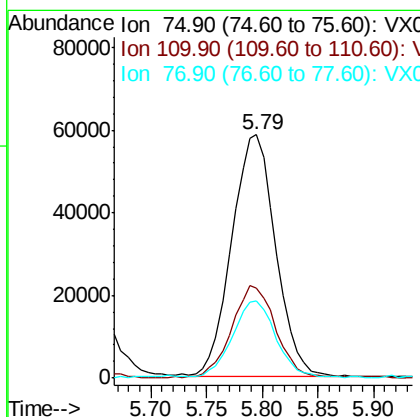
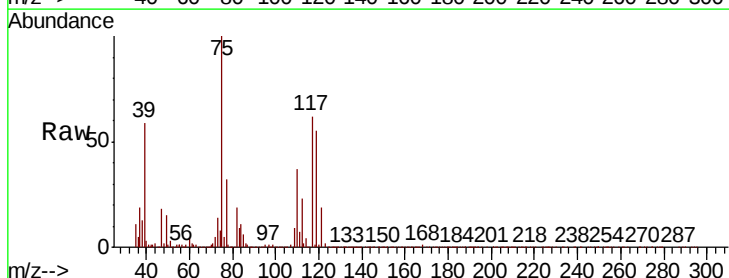
Manual Integrations
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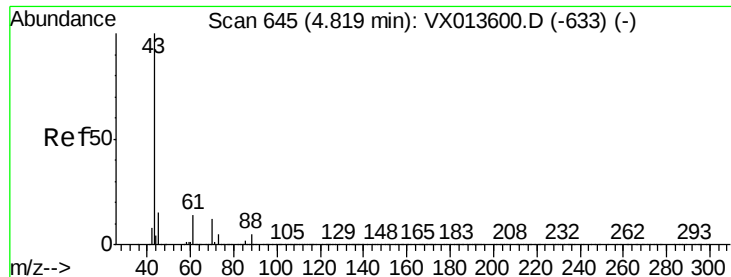
apatel
 12/5/2019 11:25:14 AM



#36
 1,1-Dichloropropene
 Concen: 17.929 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159969		
110	39.0	18.1	54.1	
77	31.1	24.5	36.7	





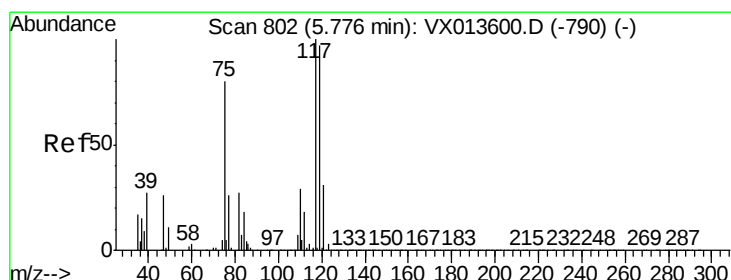
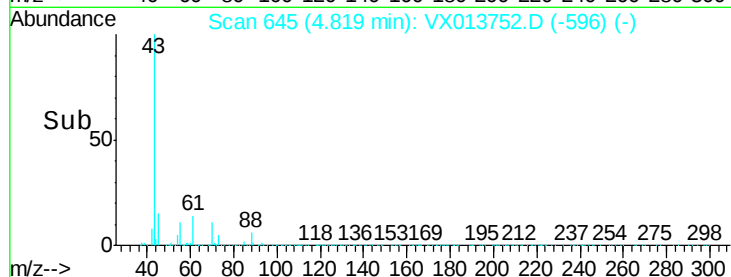
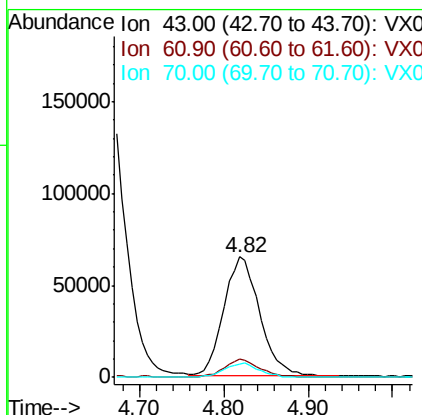
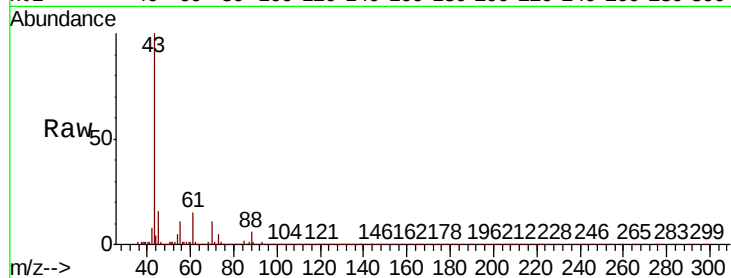
#37
Ethyl Acetate
Concen: 18.928 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampled :
VX1204WBSD01

Tot Ion:	43	Resp:	189462
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	11.2	8.6	12.8

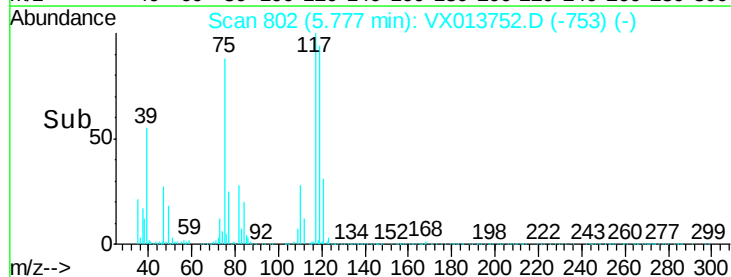
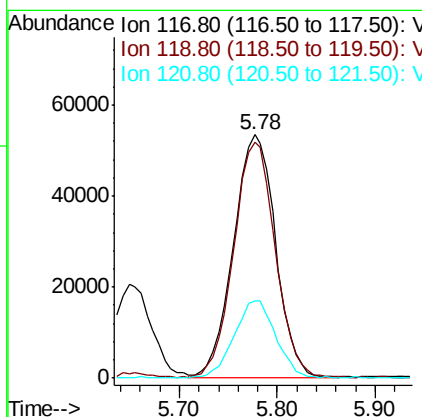
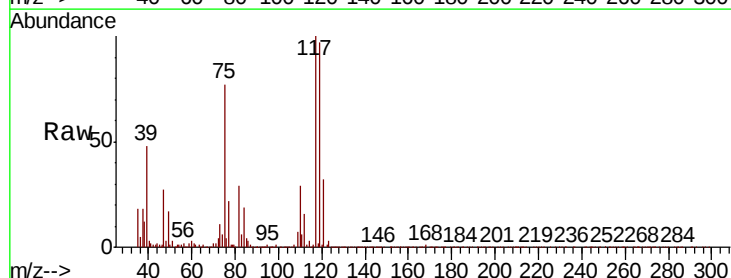
Manual Integrations
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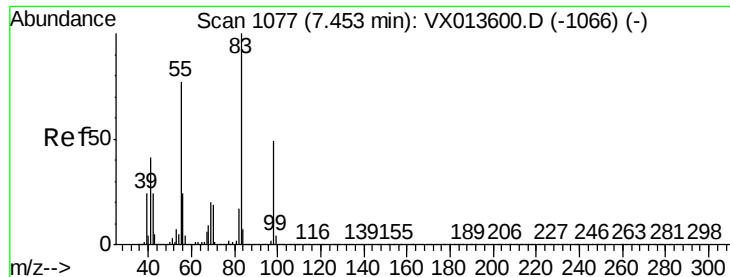
apatel
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#38
Carbon Tetrachloride
Concen: 19.251 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion:	117	Resp:	158385
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.5	116.3
121	31.5	25.0	37.6





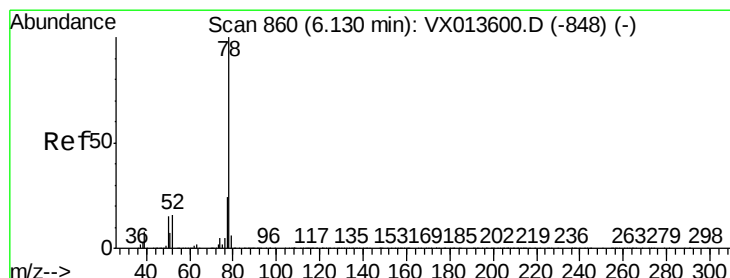
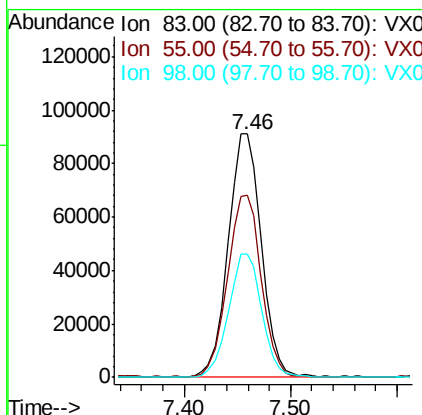
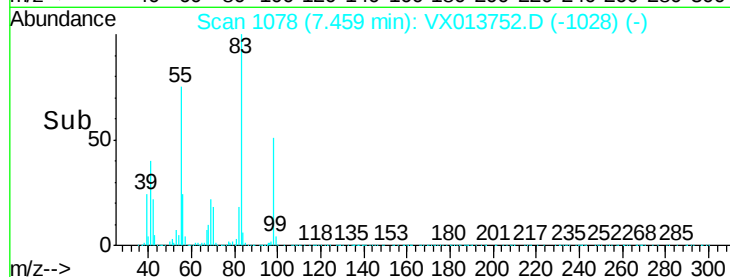
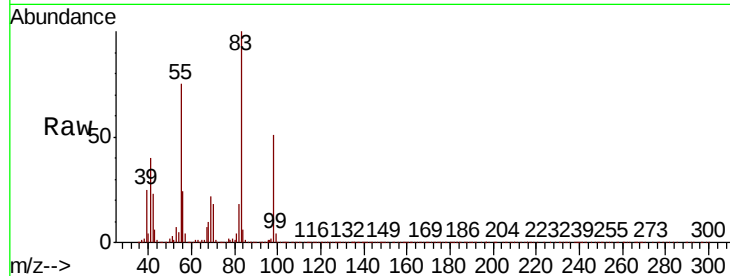
#39
Methvlcvclohexane
Concen: 18.097 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	199595		
55	74.4	61.9	92.9	
98	50.3	39.4	59.0	

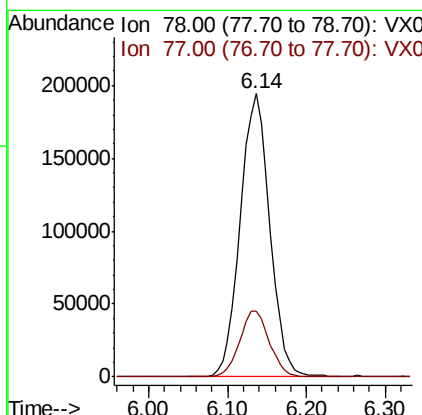
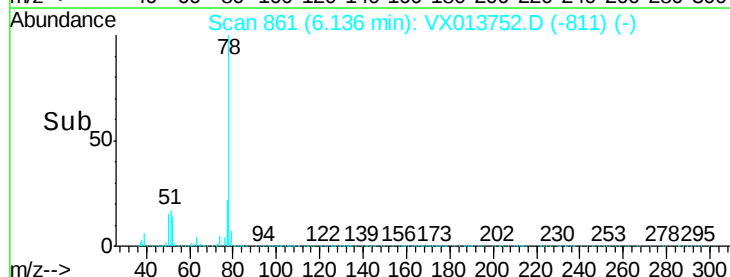
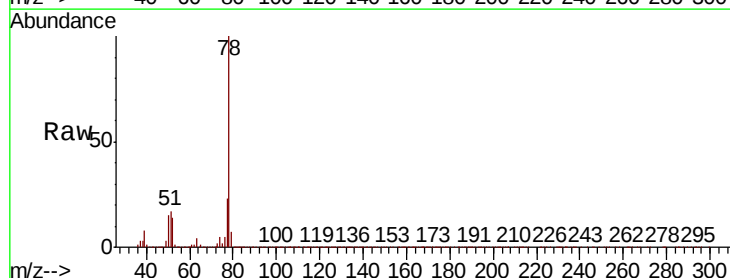
Manual Integrations
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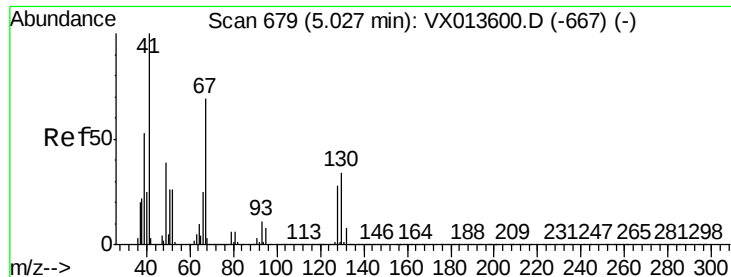
apatel
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#40
Benzene
Concen: 18.696 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	508062		
77	23.0	19.0	28.4	





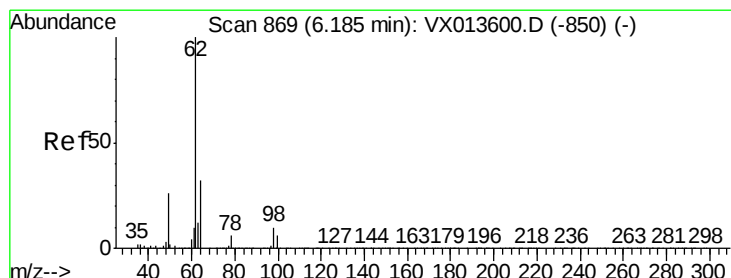
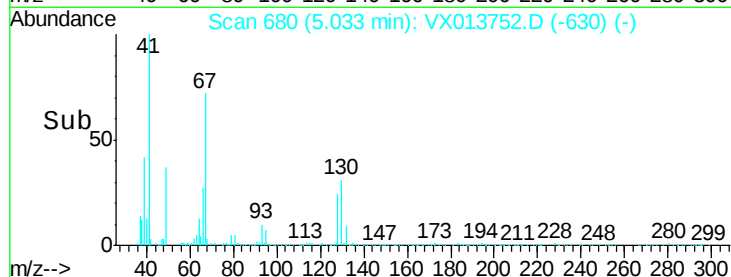
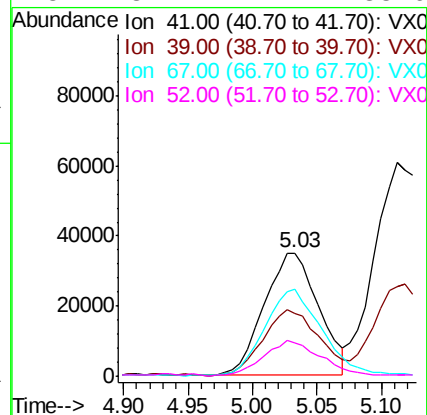
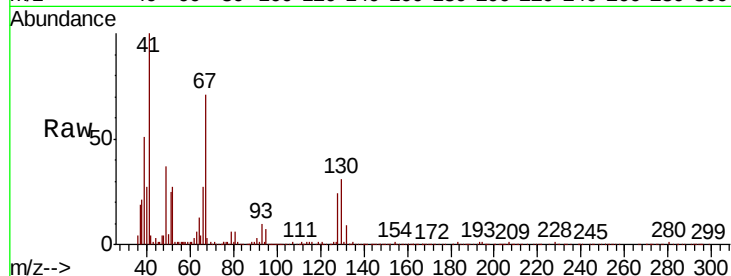
#41
Methacrylonitrile
Concen: 18.604 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.0	42.9	64.3
67	73.5	57.4	86.0
52	32.1	22.4	33.6

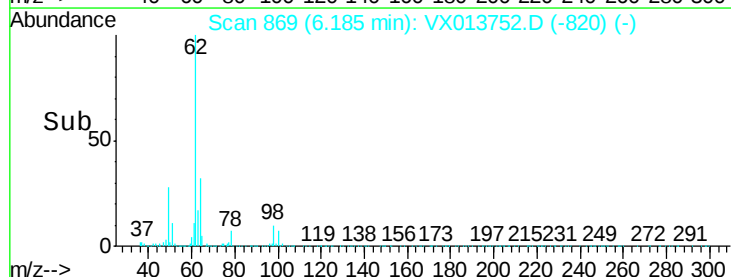
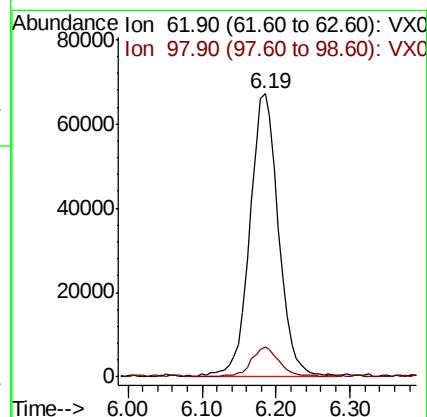
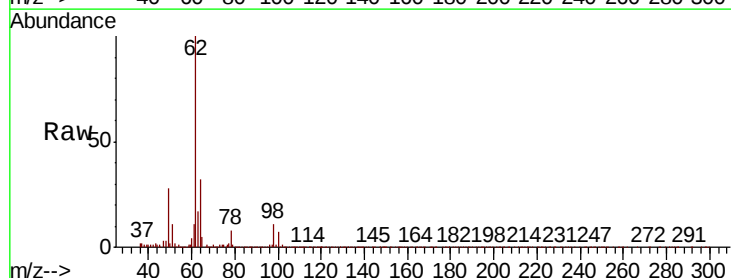
Manual Integrations
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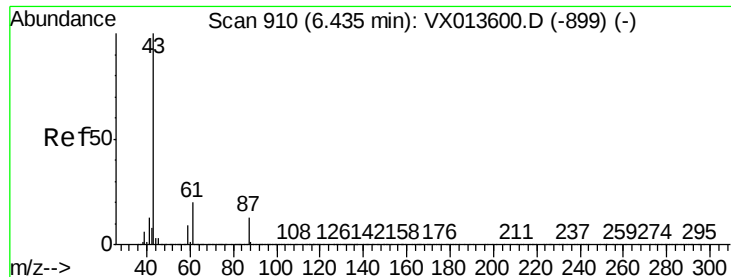
apatel
12/5/2019 11:25:14 AM



#42
1,2-Dichloroethane
Concen: 19.736 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8





#43

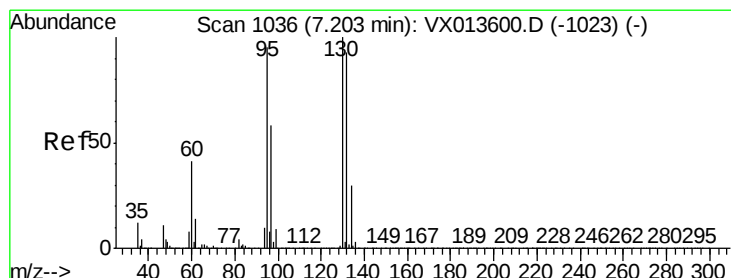
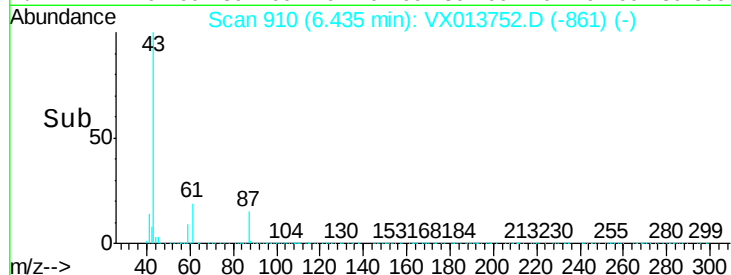
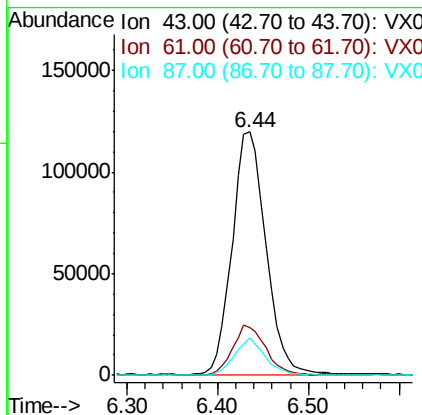
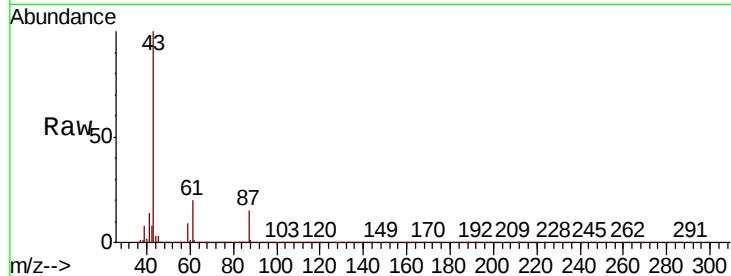
Isopropyl Acetate
 Concen: 18.788 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.3	24.5
87	14.1	10.8	16.2

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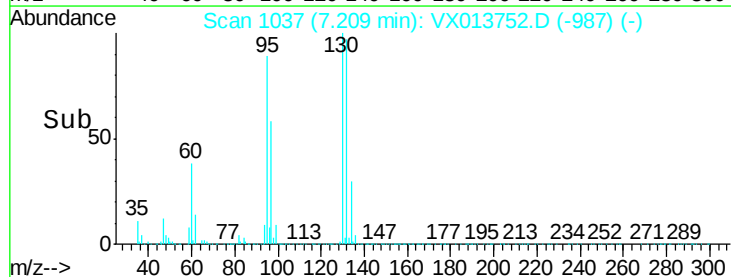
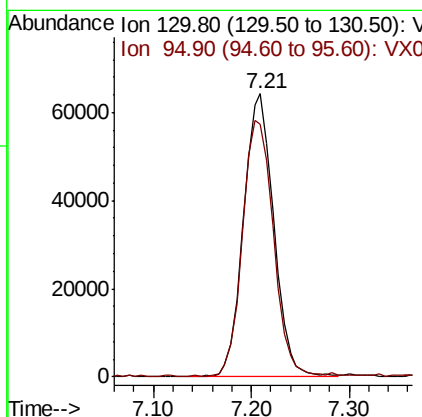
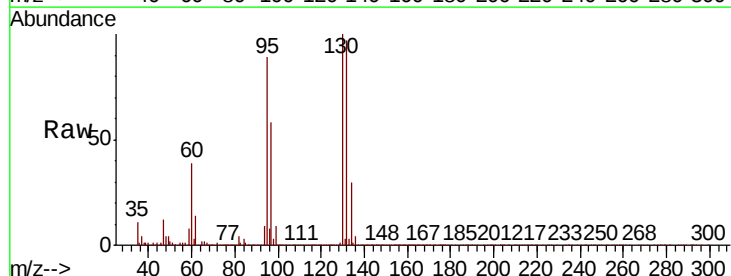
apatel
 12/5/2019 11:25:14 AM



#44

Trichloroethene
 Concen: 18.390 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.313 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampled :

VX1204WBSD01

Tot Ion: 63 Resp: 131309

Ion Ratio Lower Upper

63 100

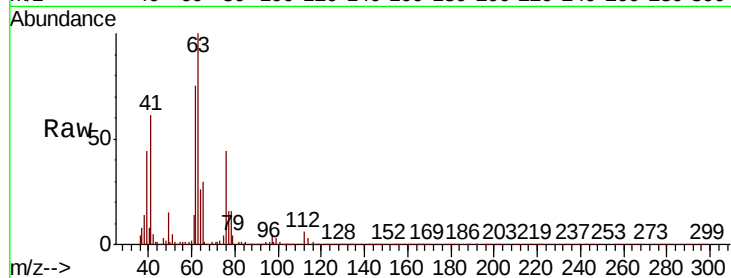
65 30.0 25.5 38.3

Manual Integrations

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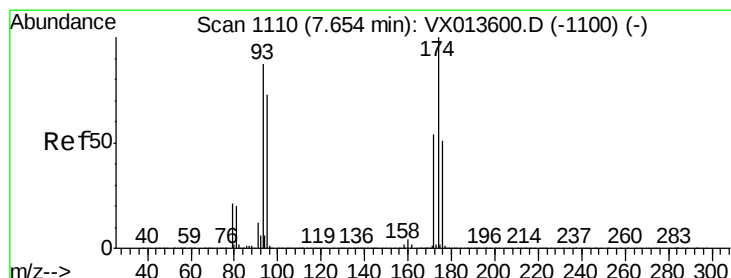
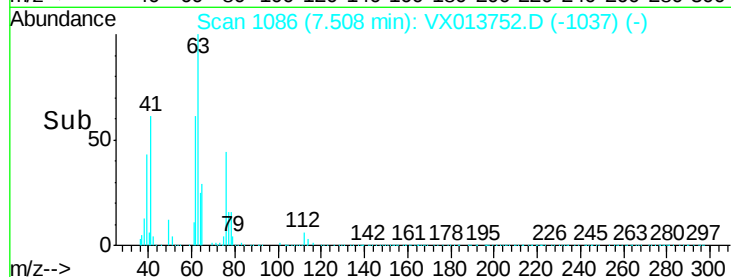
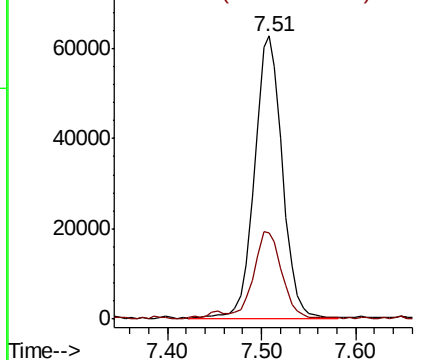
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.494 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

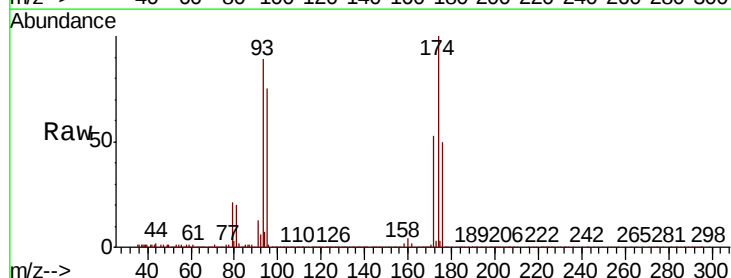
Tgt Ion: 93 Resp: 85402

Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.2

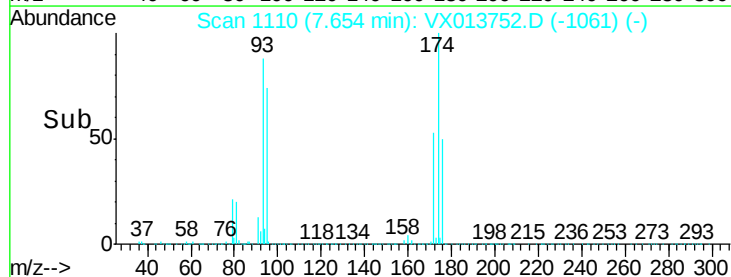
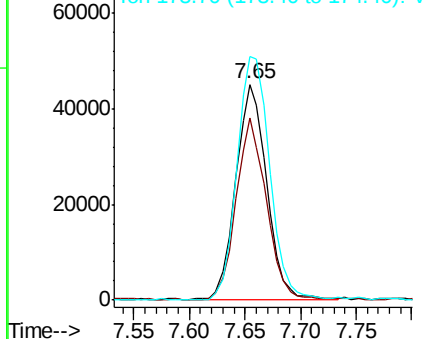
174 121.8 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.292 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

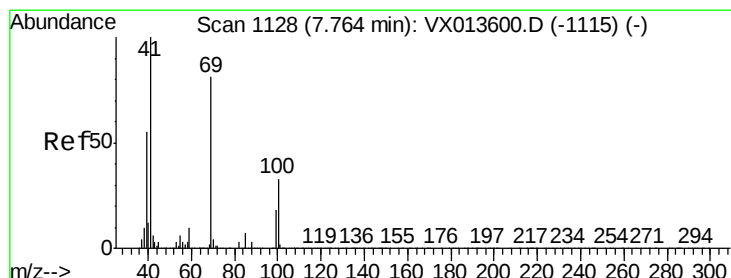
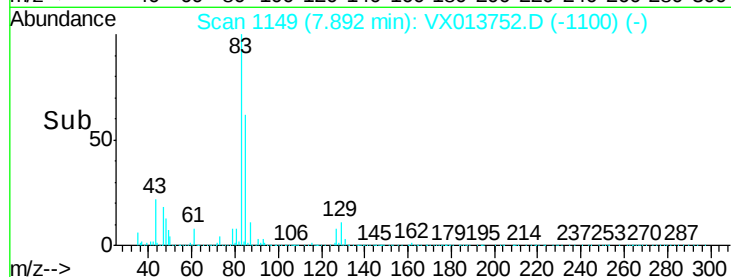
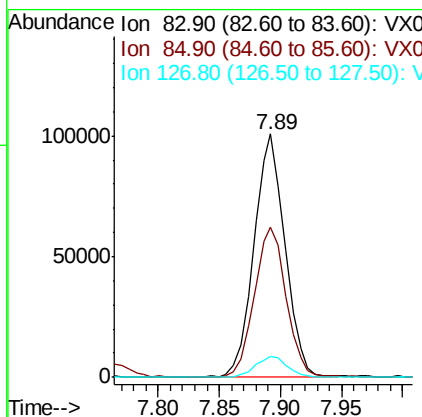
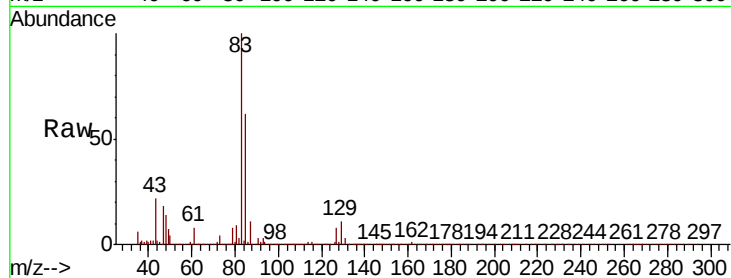
ClientSampleId :

VX1204WBSD01

Tot Ion:	83	Resp:	177147
Ion Ratio	Lower	Upper	
83	100		
85	61.8	52.1	78.1
127	8.3	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.945 ug/l

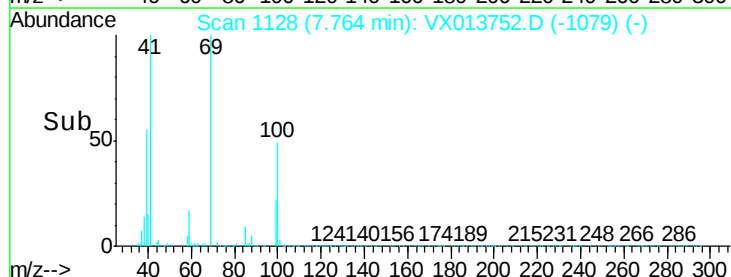
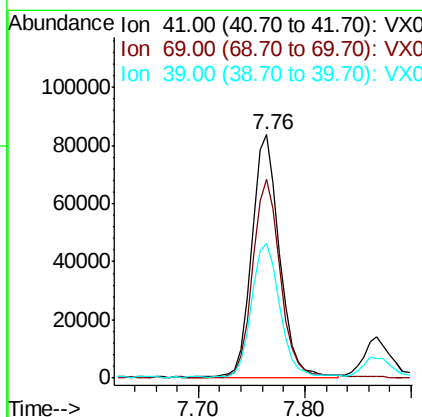
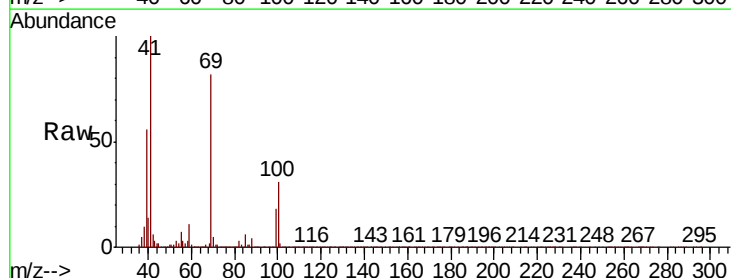
RT: 7.76 min Scan# 1128

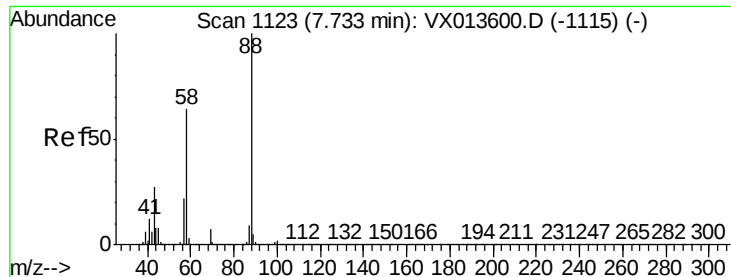
Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion:	41	Resp:	151688
Ion Ratio	Lower	Upper	
41	100		
69	83.9	64.7	97.1
39	56.8	43.8	65.6





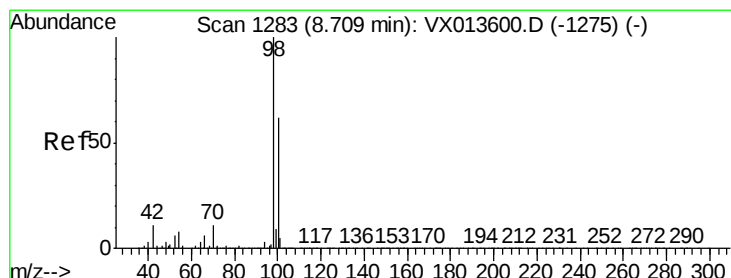
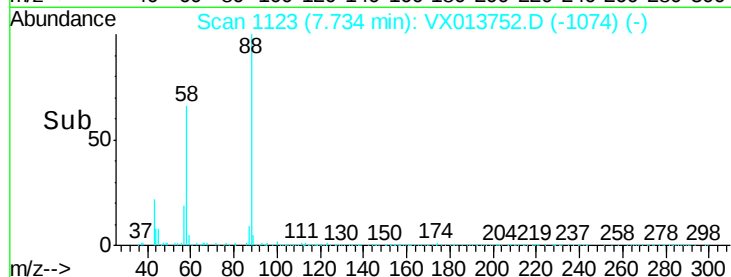
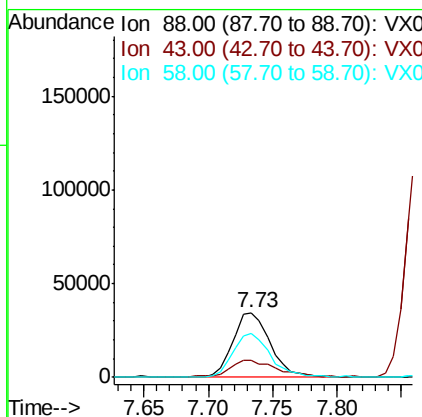
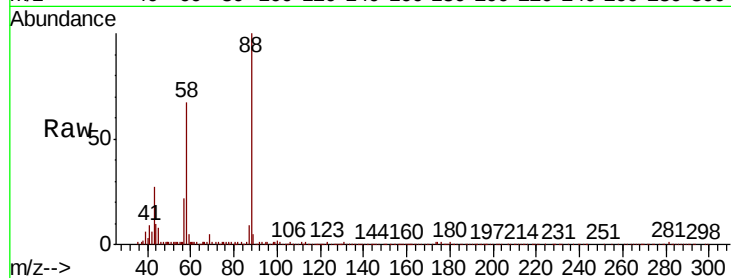
#49
1,4-Dioxane
Concen: 380.675 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.8	38.6
58	69.7	54.6	82.0

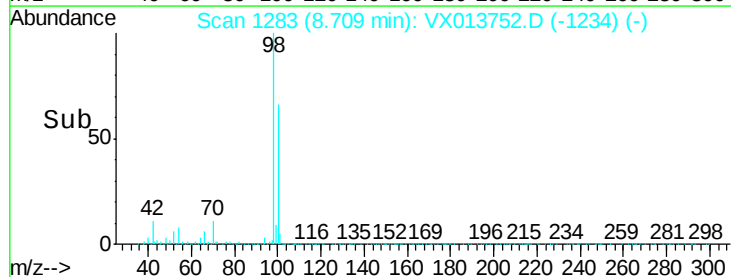
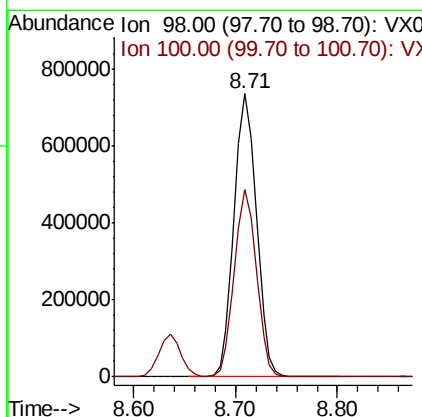
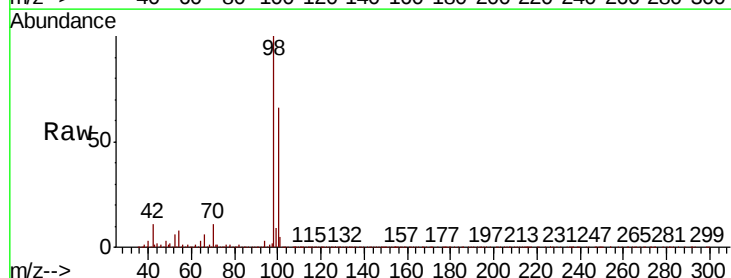
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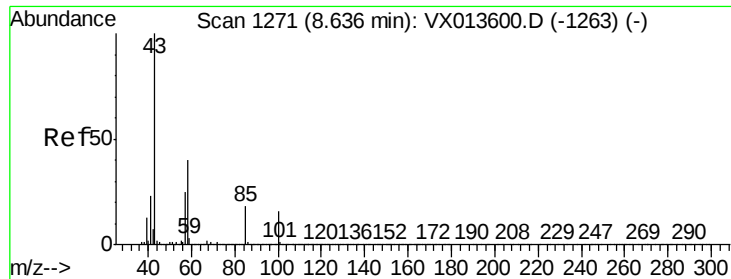
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#50
Toluene-d8
Concen: 47.452 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 94.145 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampled :

VX1204WBSD01

Tot Ion: 43 Resp: 975891

Ion Ratio Lower Upper

43 100

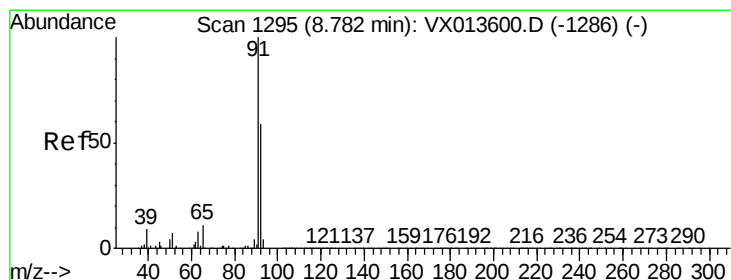
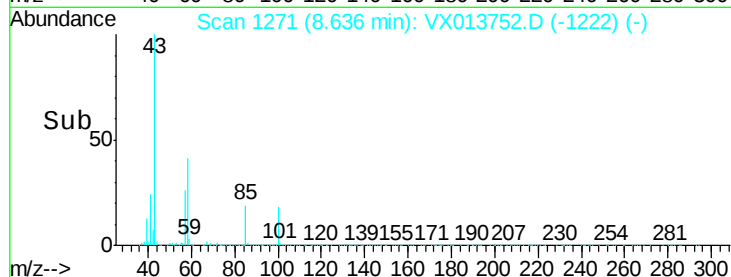
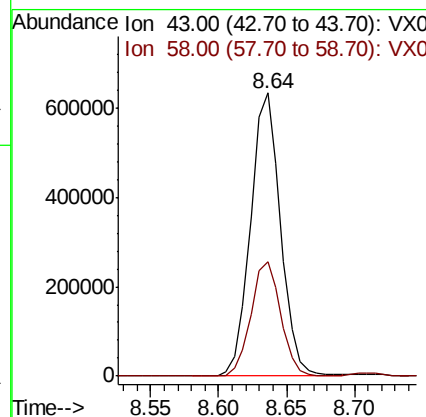
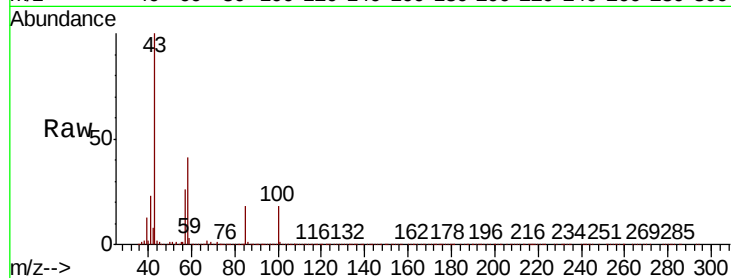
58 40.5 32.1 48.1

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#52

Toluene

Concen: 18.810 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013752.D

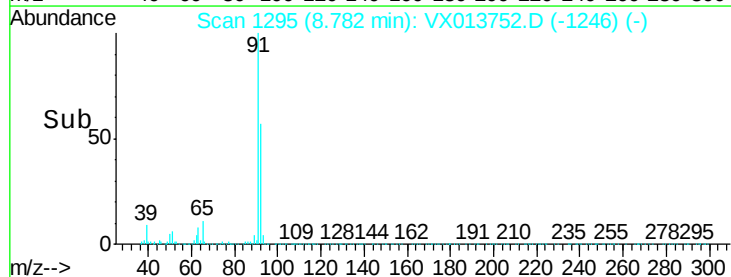
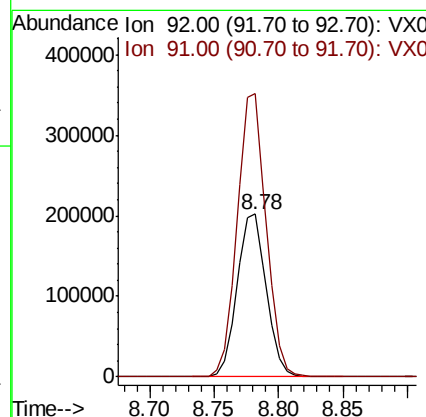
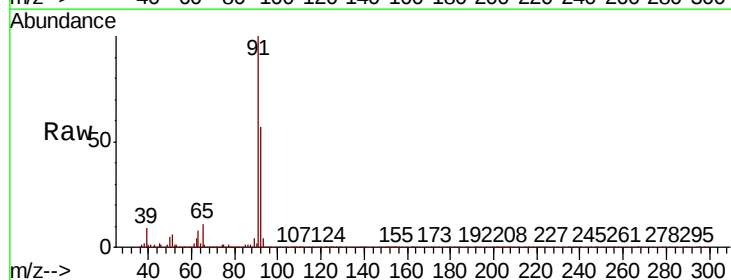
Acq: 04 Dec 2019 16:17

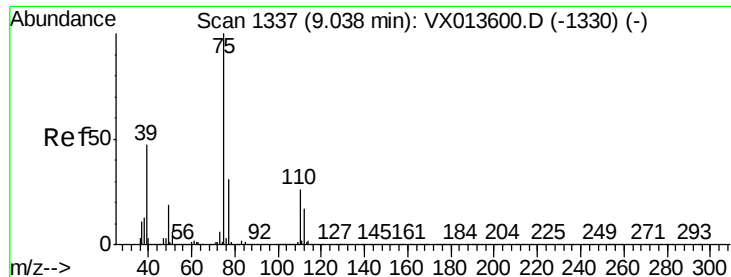
Tgt Ion: 92 Resp: 317552

Ion Ratio Lower Upper

92 100

91 173.4 136.2 204.2





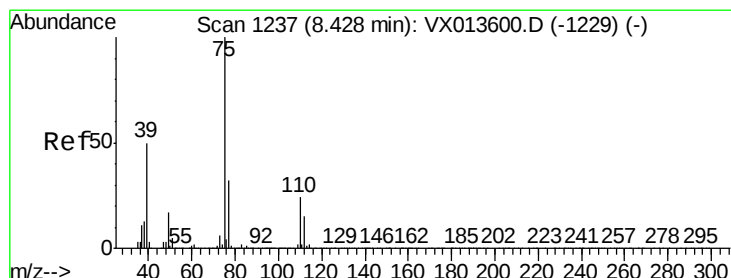
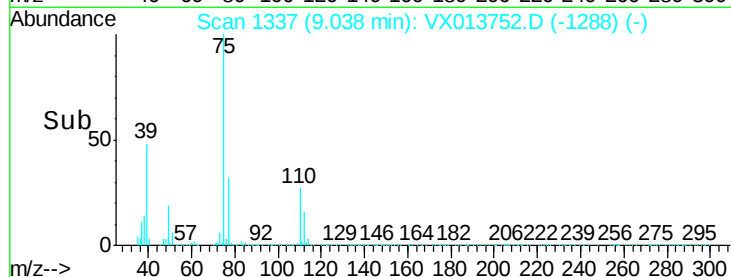
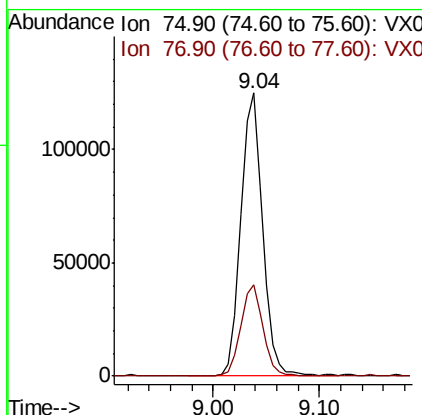
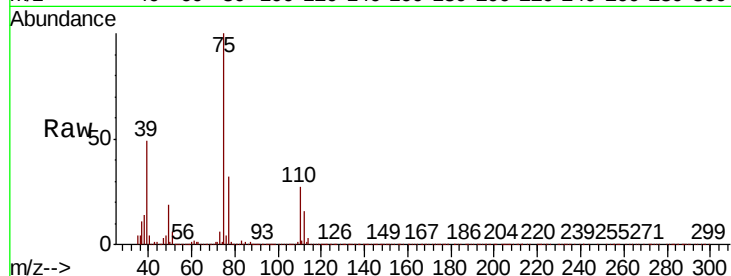
#53
t-1,3-Dichloropropene
Concen: 18.093 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.4	36.6

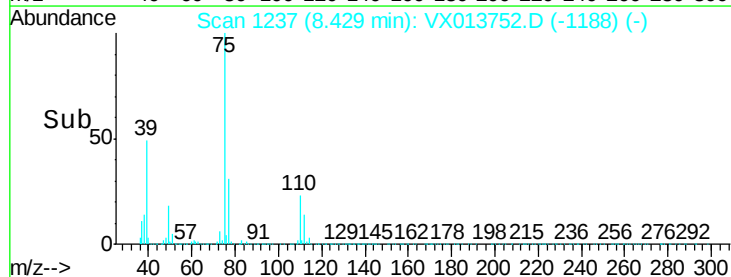
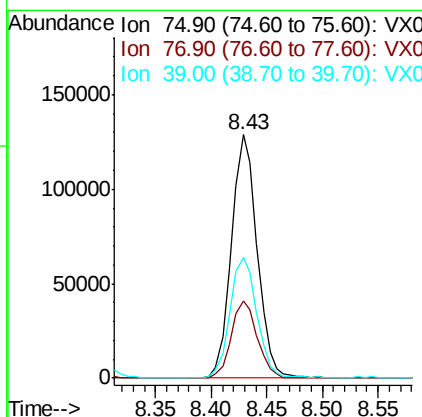
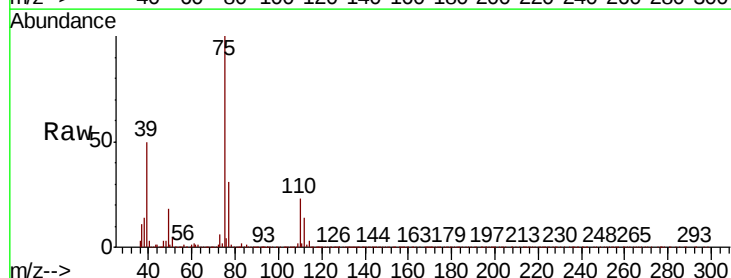
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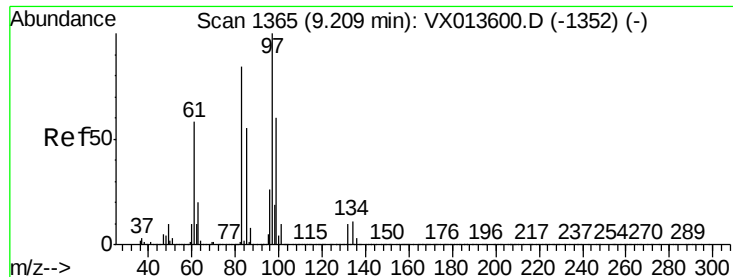
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#54
cis-1,3-Dichloropropene
Concen: 18.907 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	49.4	39.9	59.9





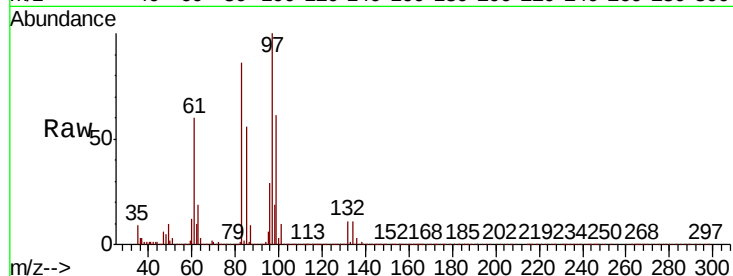
#55
 1,1,2-Trichloroethane
 Concen: 19.262 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

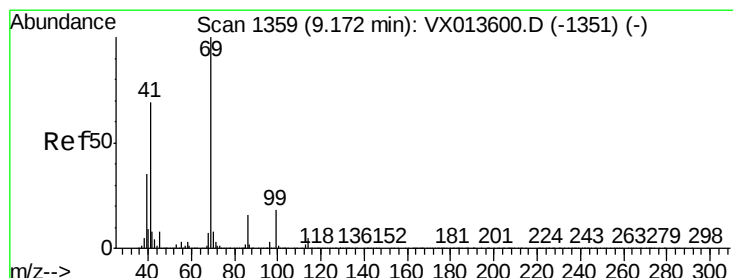
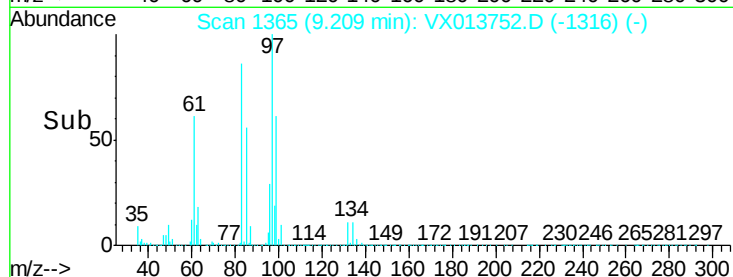
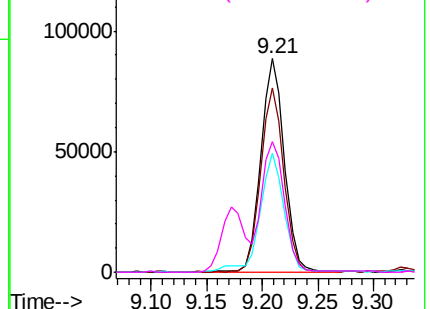
Tot Ion:	97	Resp:	131043
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.3	100.9
85	55.9	43.6	65.4
99	61.1	48.2	72.4

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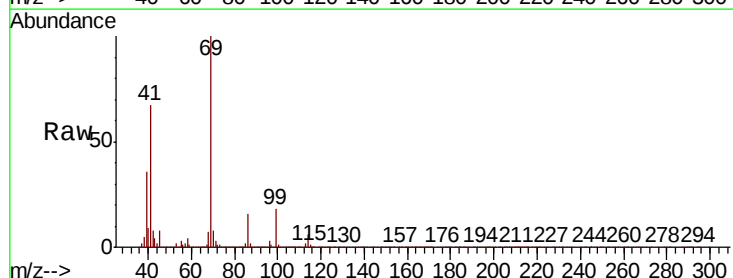


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

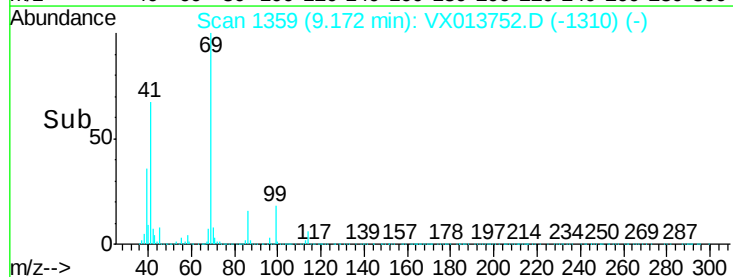
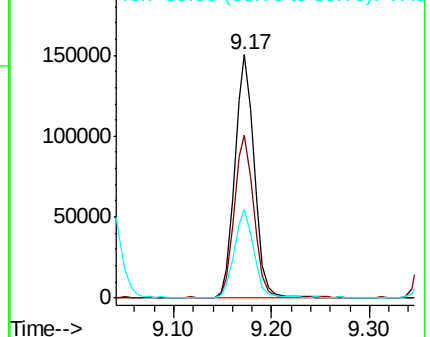


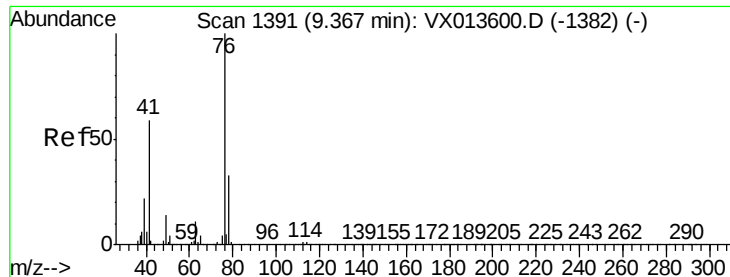
#56
 Ethyl methacrylate
 Concen: 18.975 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Tgt Ion:	69	Resp:	207544
Ion	Ratio	Lower	Upper
69	100		
41	66.5	55.0	82.4
39	35.9	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.919 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampled :

VX1204WBSD01

Tot Ion: 76 Resp: 221854

Ion Ratio Lower Upper

76 100

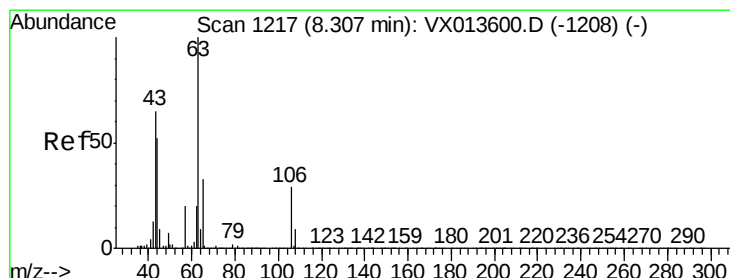
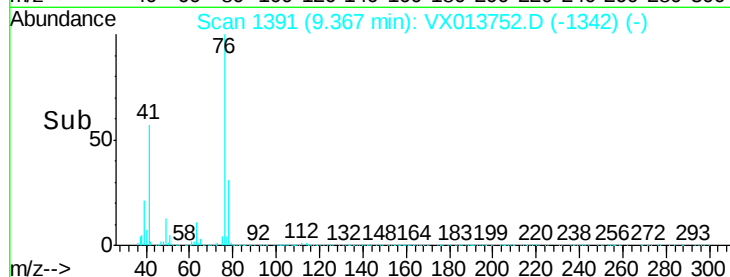
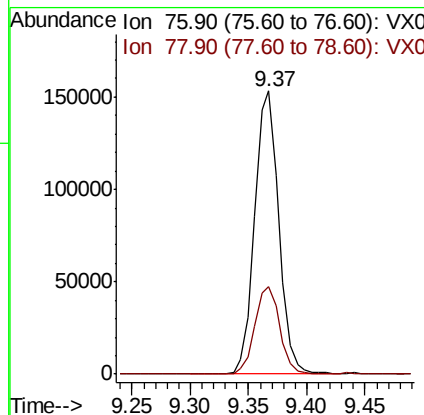
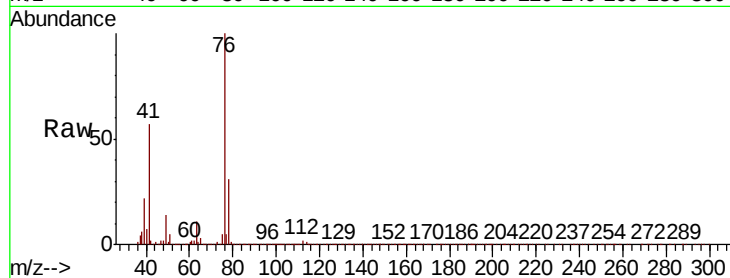
78 31.6 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 91.059 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013752.D

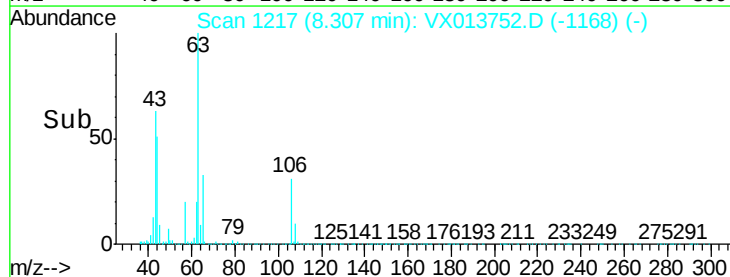
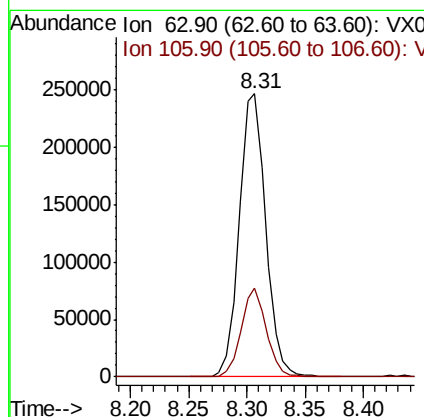
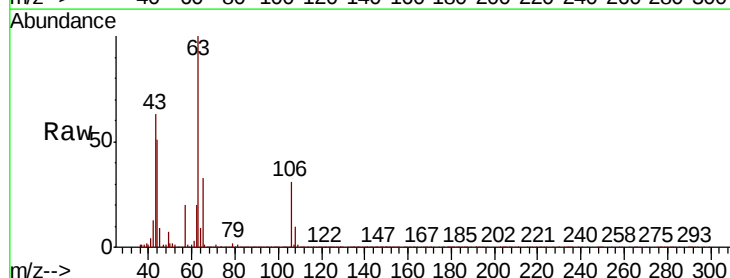
Acq: 04 Dec 2019 16:17

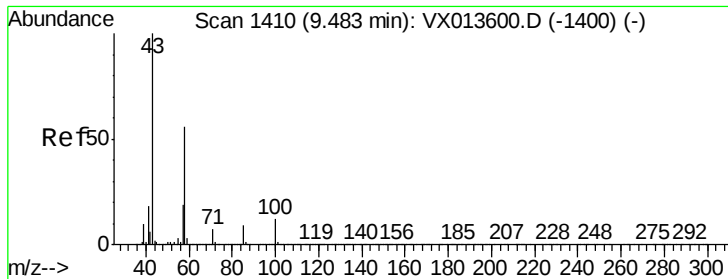
Tgt Ion: 63 Resp: 390502

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.0





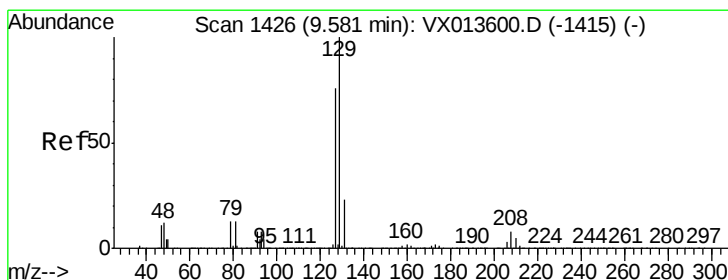
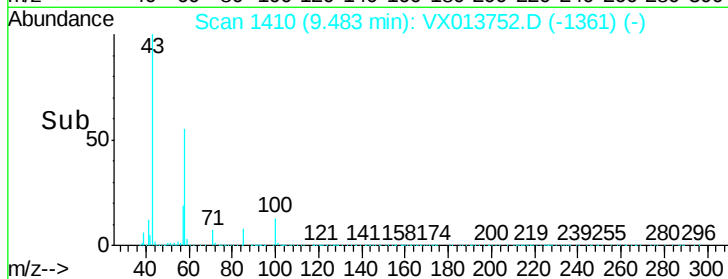
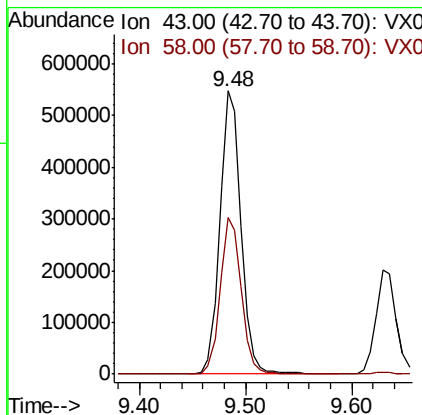
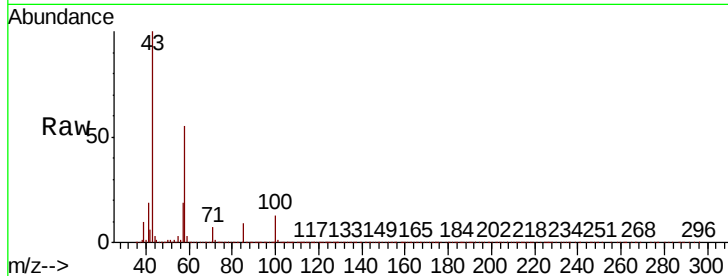
#59
2-Hexanone
Concen: 93.257 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion: 43 Resp: 753941
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.4

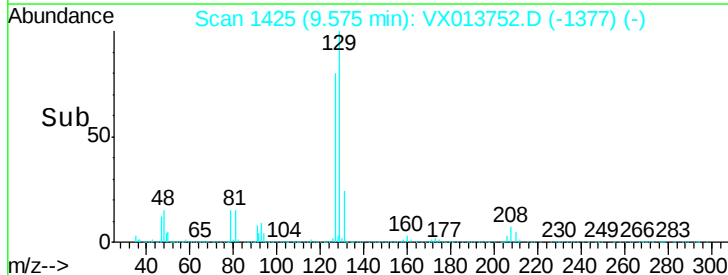
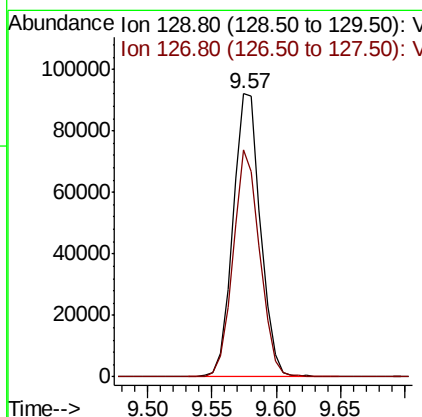
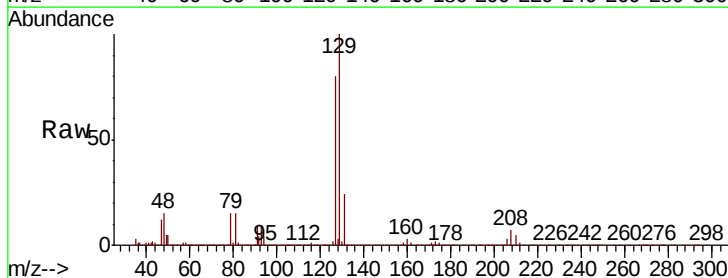
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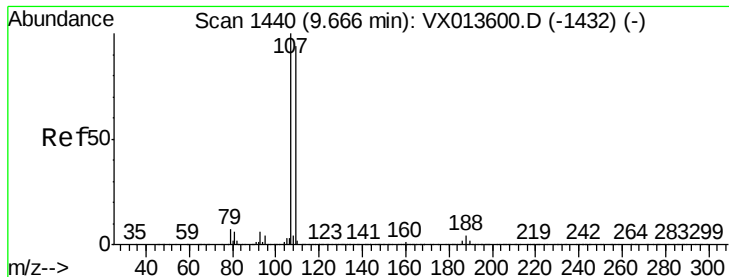
apatel
12/5/2019 11:25:14 AM



#60
Dibromochloromethane
Concen: 19.320 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion: 129 Resp: 136407
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.122 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 107 Resp: 138944

Ion Ratio Lower Upper

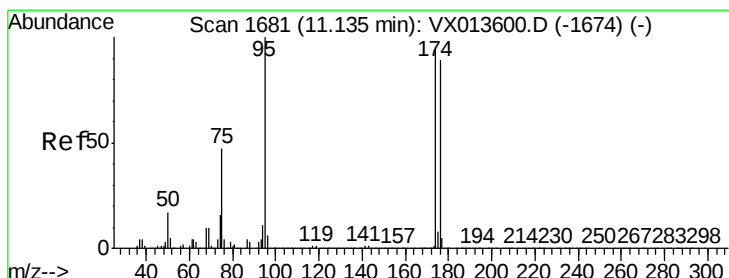
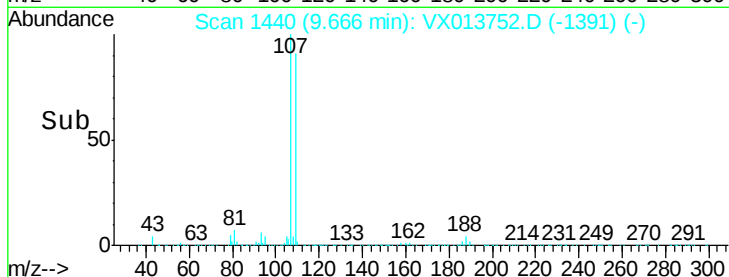
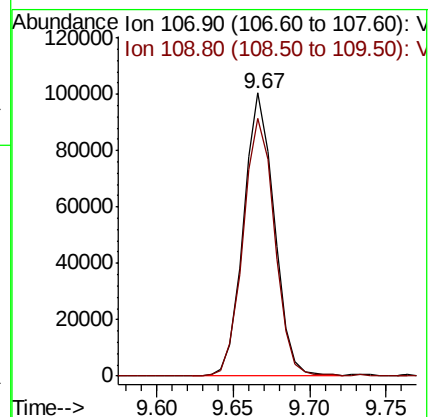
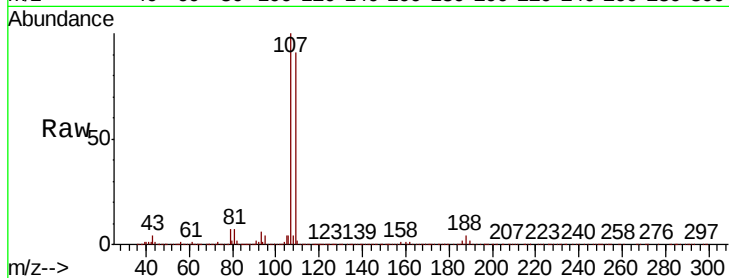
107 100

109 93.7 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 46.473 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

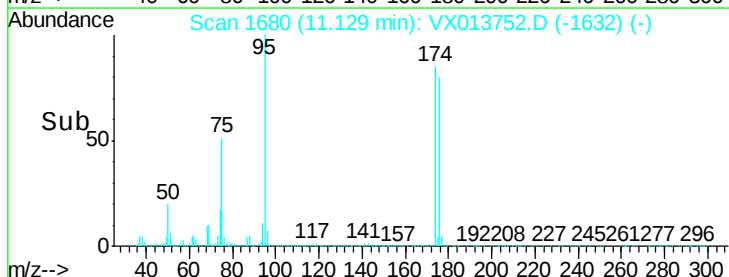
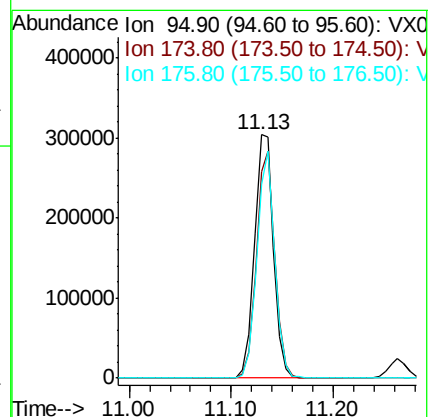
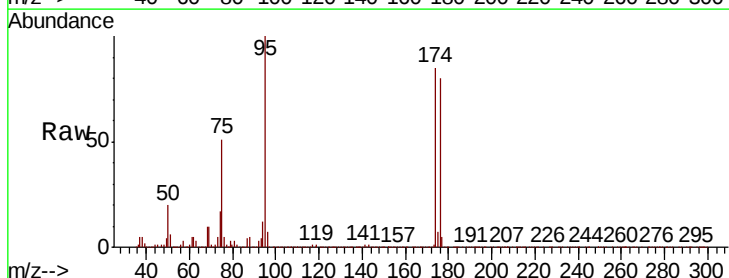
Tgt Ion: 95 Resp: 396751

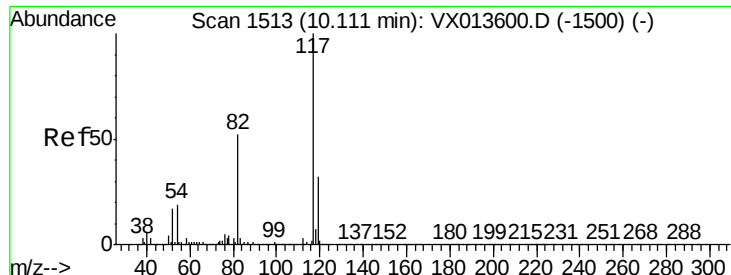
Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

176 88.1 0.0 173.6





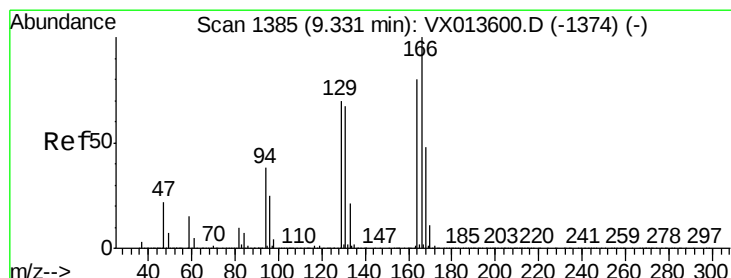
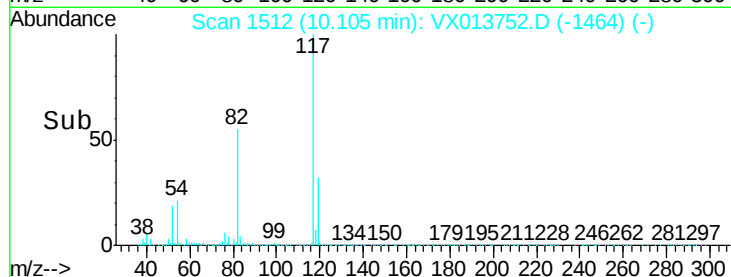
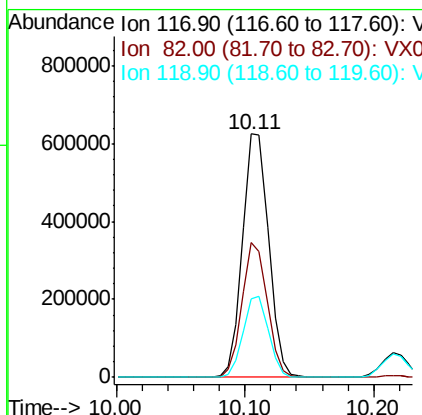
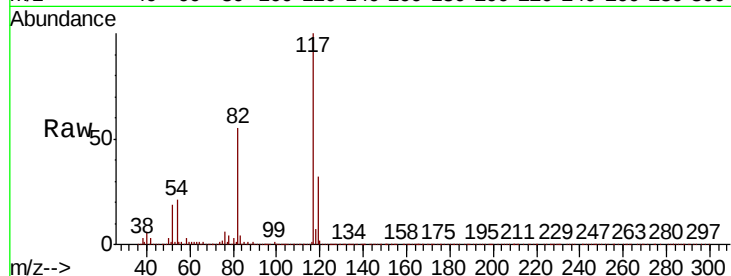
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.8	62.8
119	32.2	25.8	38.8

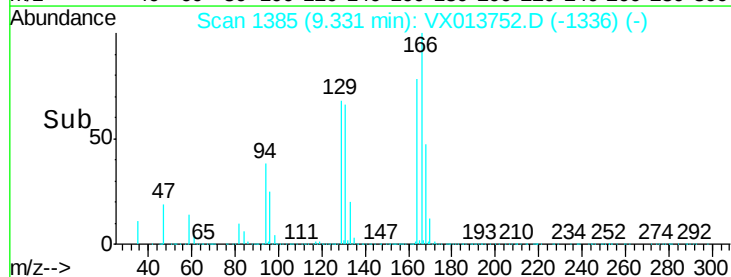
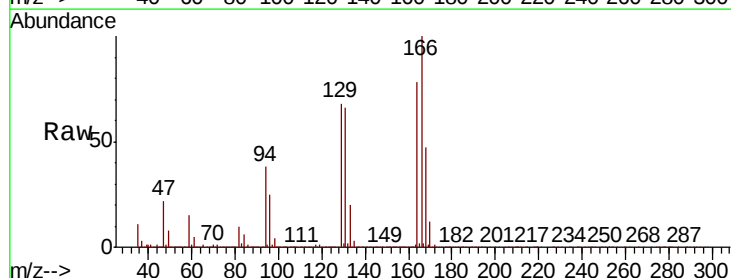
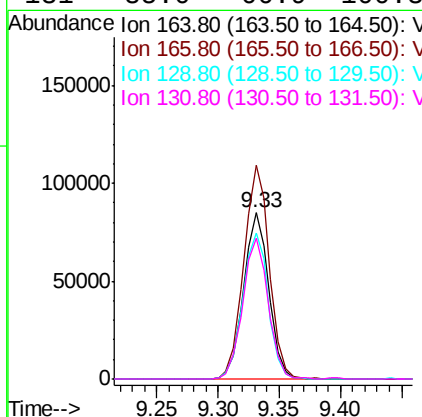
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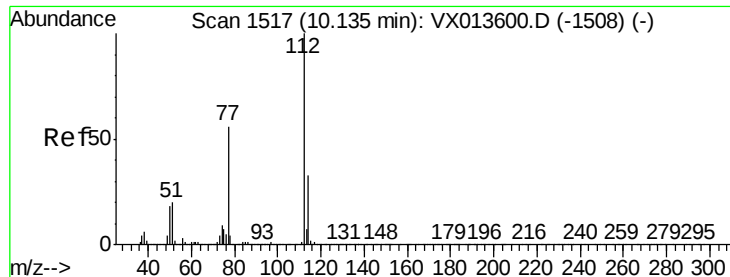
apatel
12/5/2019 11:25:14 AM



#64
Tetrachloroethene
Concen: 18.525 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	99.7	149.5
129	87.8	70.1	105.1
131	85.0	66.9	100.3





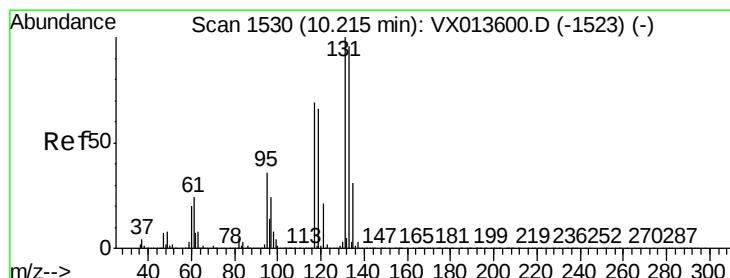
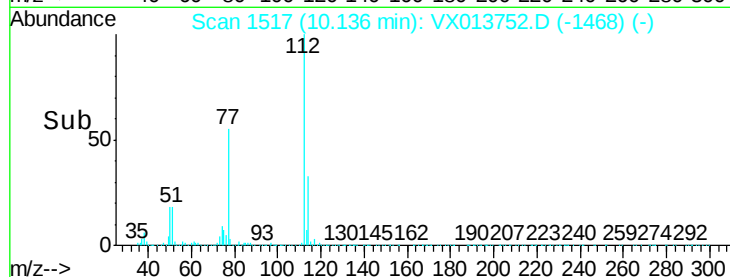
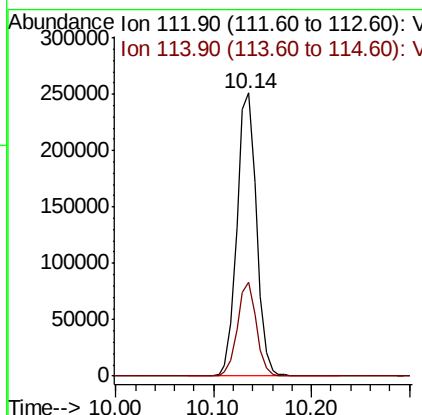
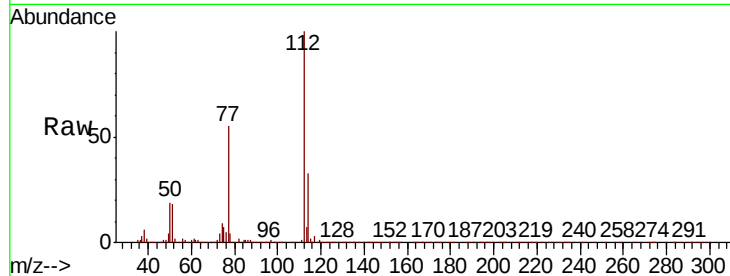
#65
Chlorobenzene
Concen: 19.163 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	26.1	39.1

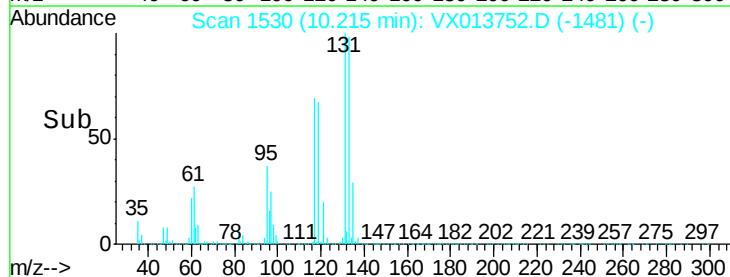
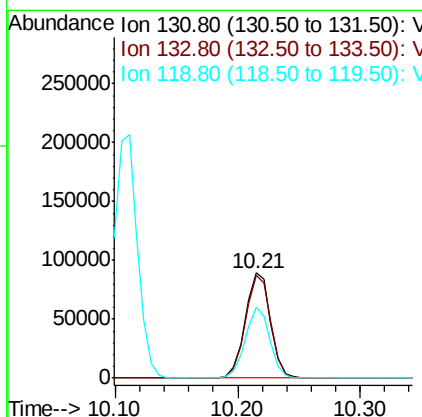
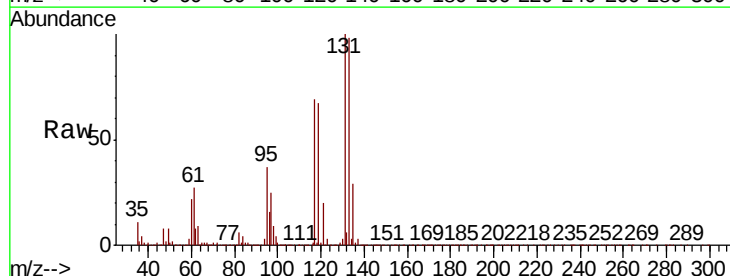
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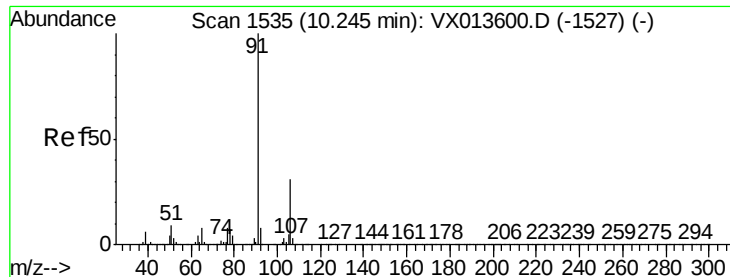
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.570 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.7	143.1
119	64.5	32.9	98.6





#67

Ethyl Benzene

Concen: 19.197 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 91 Resp: 600160

Ion Ratio Lower Upper

91 100

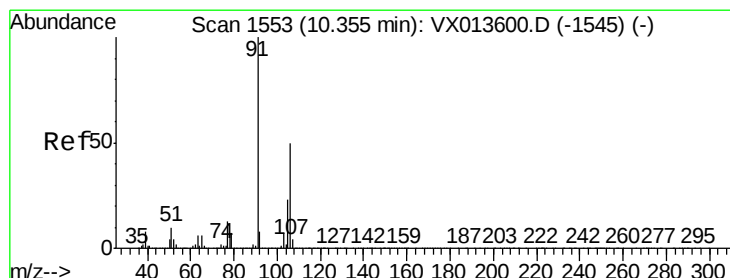
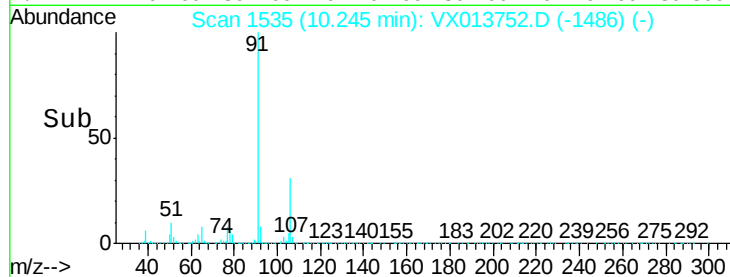
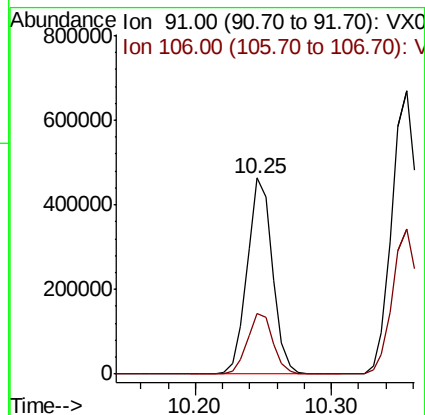
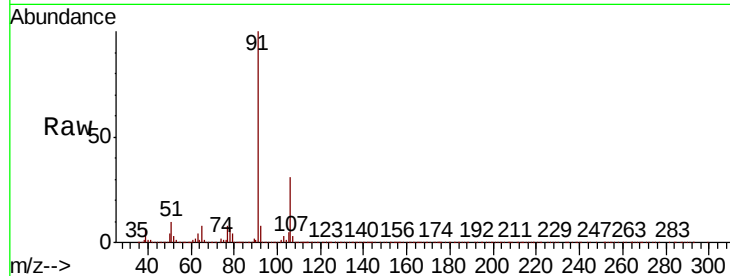
106 31.2 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.228 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013752.D

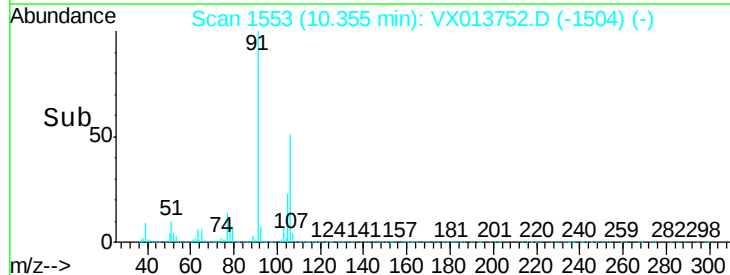
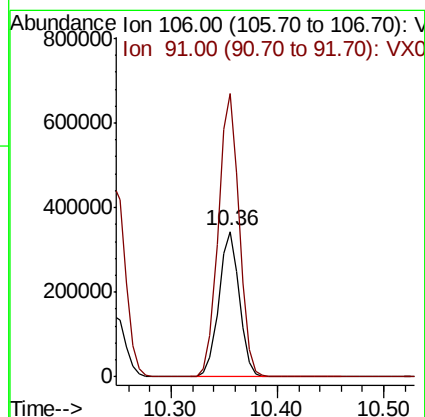
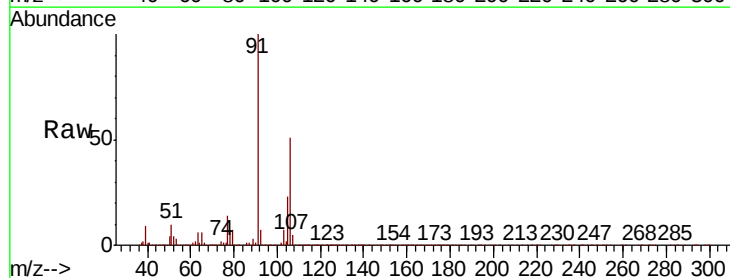
Acq: 04 Dec 2019 16:17

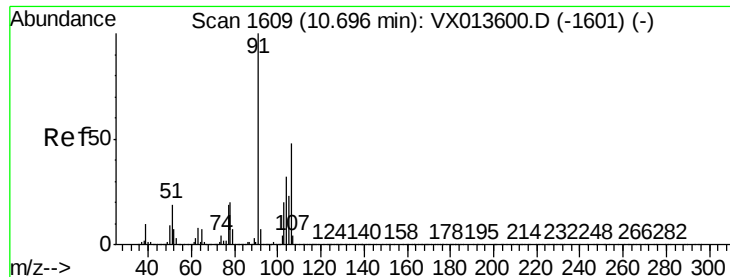
Tgt Ion: 106 Resp: 457566

Ion Ratio Lower Upper

106 100

91 198.0 159.0 238.4





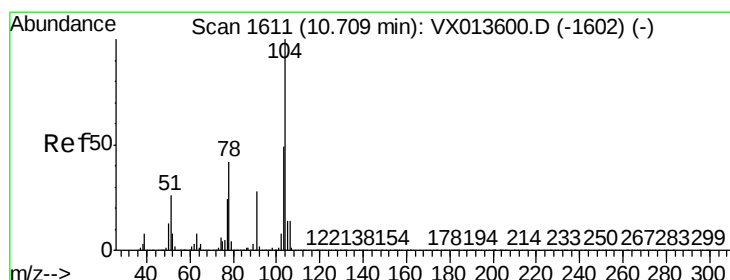
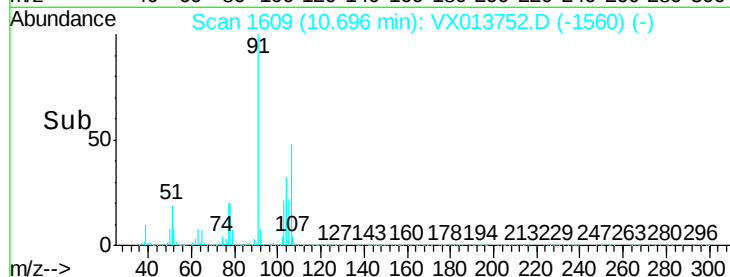
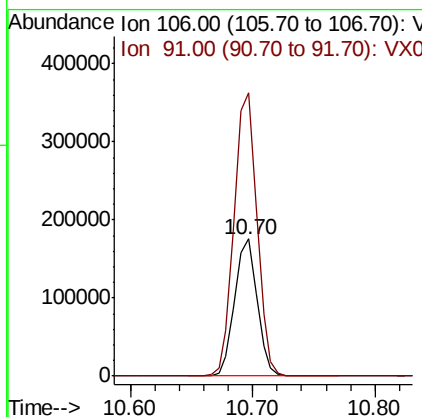
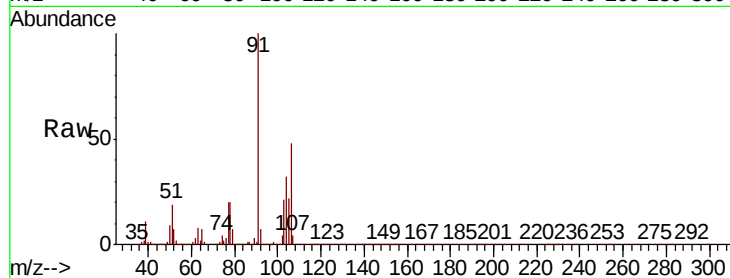
#69
o-Xylene
Concen: 19.022 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	104.1	312.2

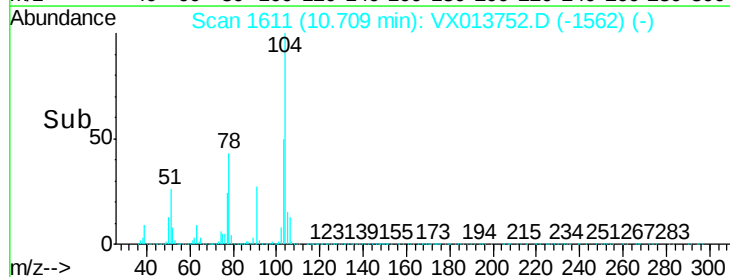
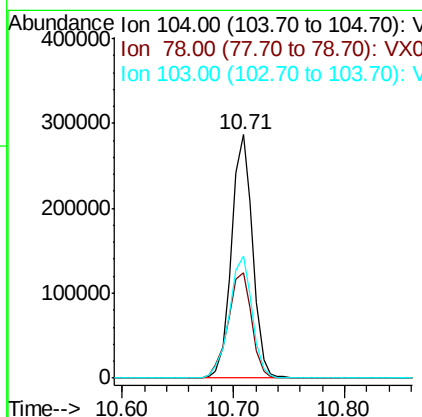
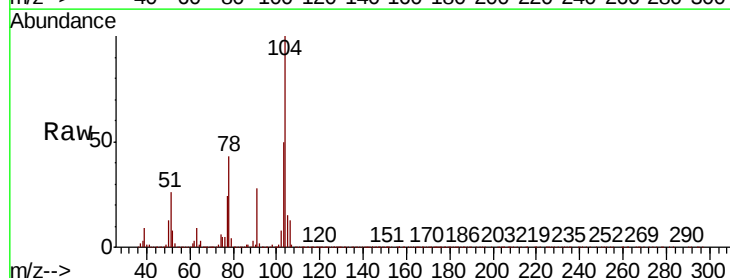
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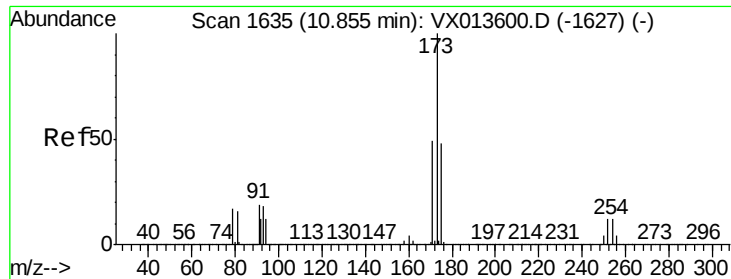
apatel
12/5/2019 11:25:14 AM



#70
Styrene
Concen: 19.149 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	54.0	43.7	65.5





#71

Bromoform

Concen: 19.361 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

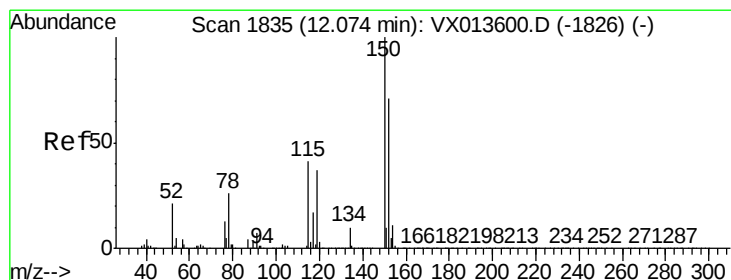
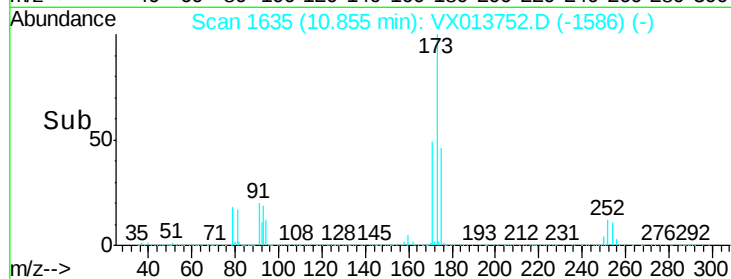
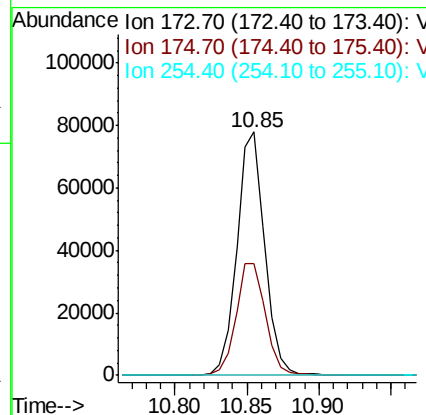
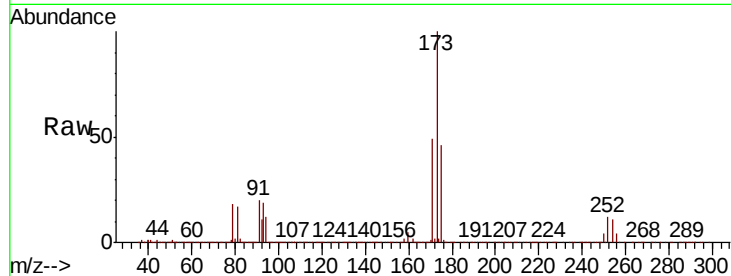
ClientSampleId :

VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.2	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

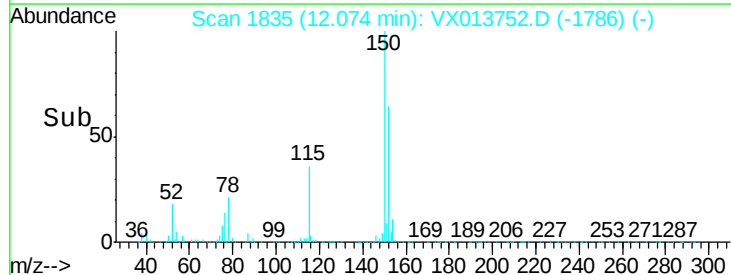
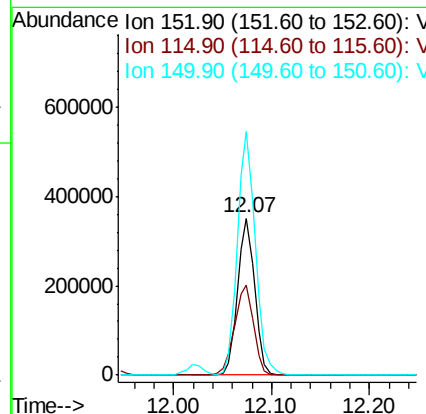
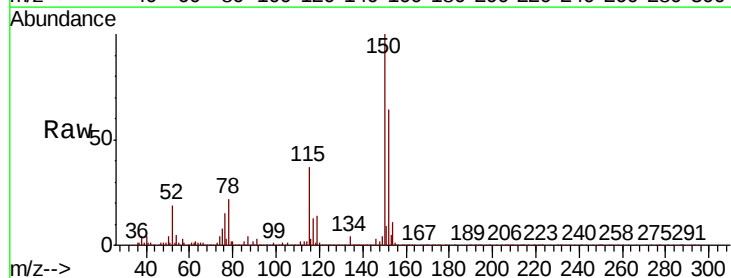
RT: 12.07 min Scan# 1835

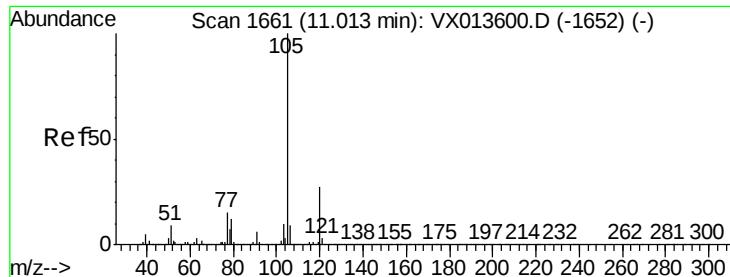
Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	38.4	115.1
150	163.1	0.0	346.8





#73

Isopropylbenzene

Concen: 19.763 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 105 Resp: 588492

Ion Ratio Lower Upper

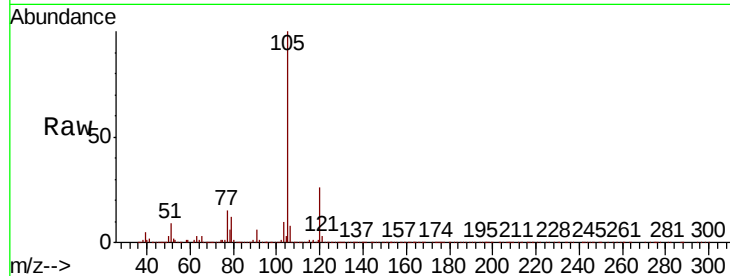
105 100

120 27.6 13.5 40.5

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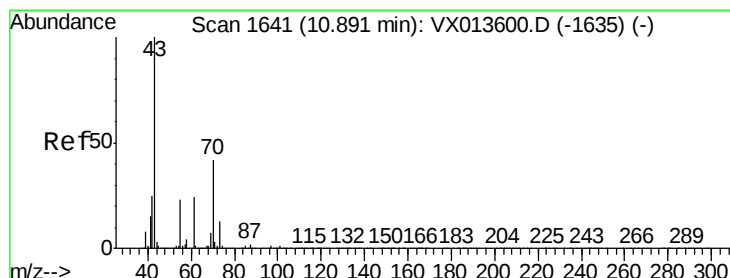
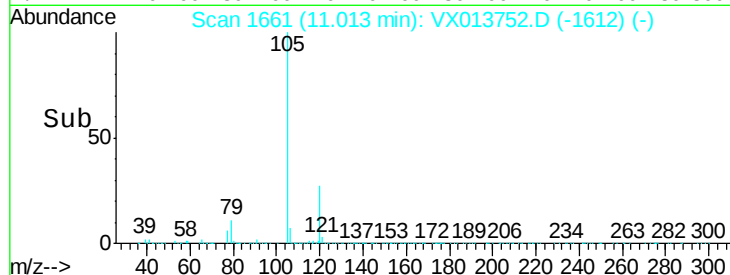
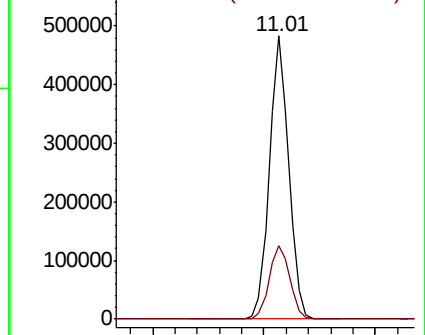
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.173 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion: 43 Resp: 261534

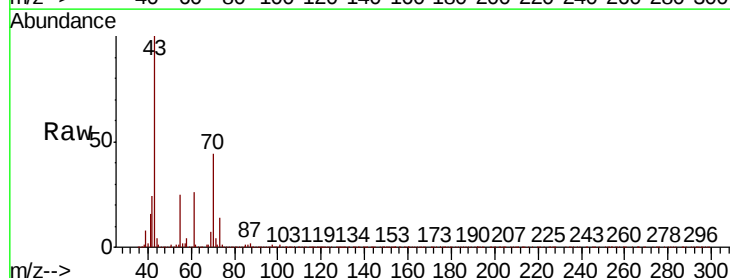
Ion Ratio Lower Upper

43 100

70 43.2 34.3 51.5

55 25.3 18.5 27.7

61 25.3 19.8 29.8

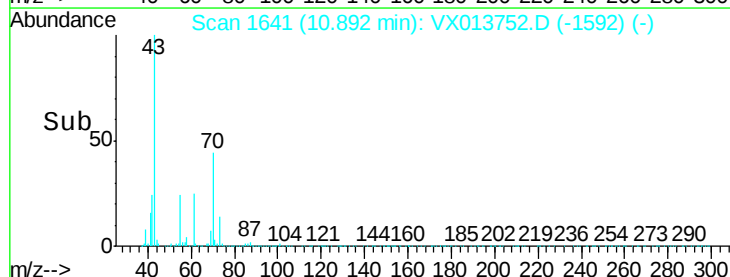
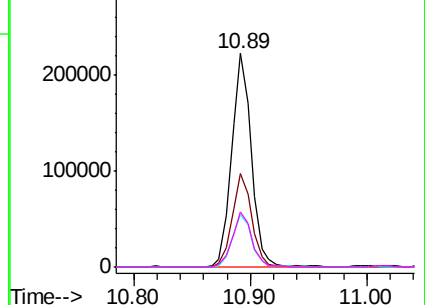


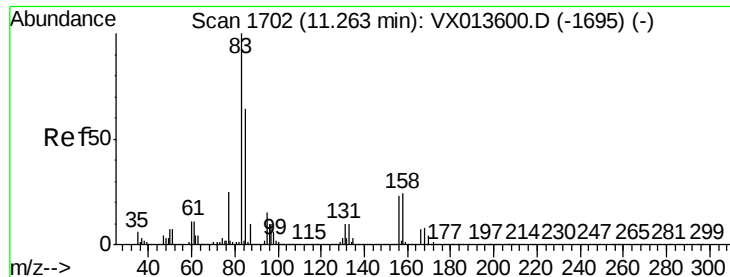
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.818 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

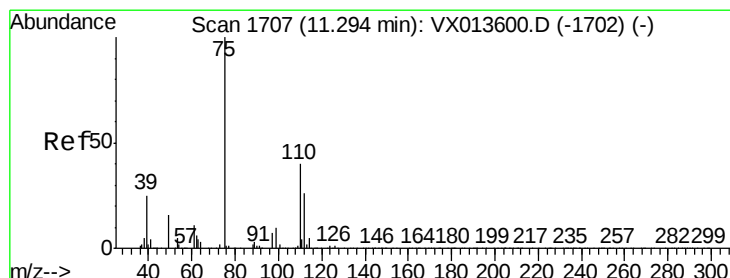
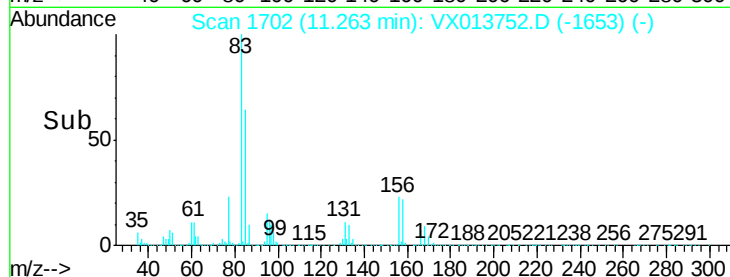
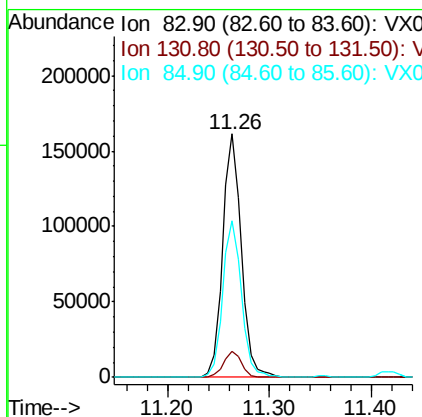
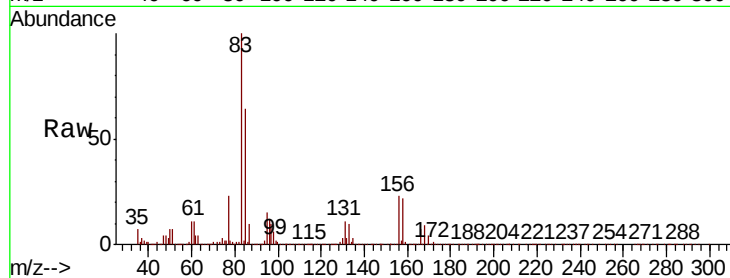
ClientSampleId :

VX1204WBSD01

Tot Ion:	83	Resp:	204654
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.1	15.3
85	64.8	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 17.317 ug/l m

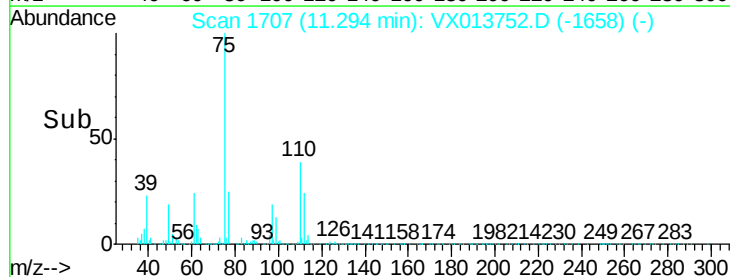
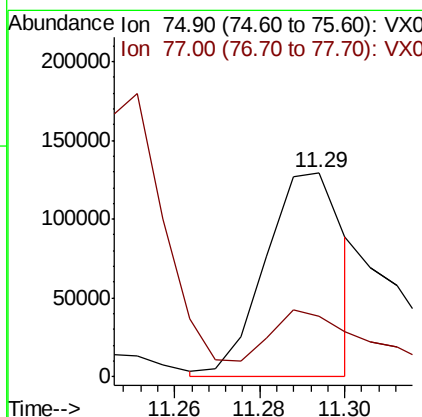
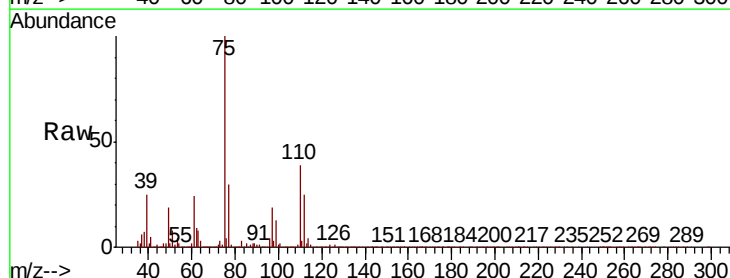
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion:	75	Resp:	165348
Ion Ratio		Lower	Upper
75	100		
77	41.8	19.1	57.5





#77

Bromobenzene

Concen: 19.425 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

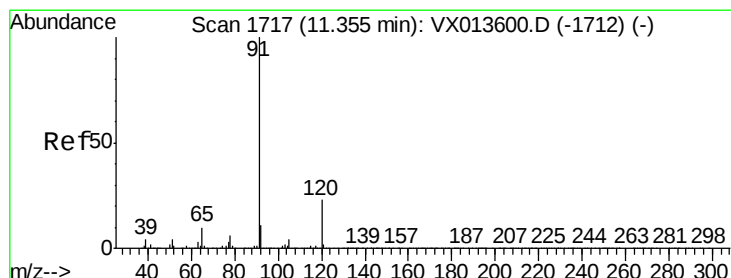
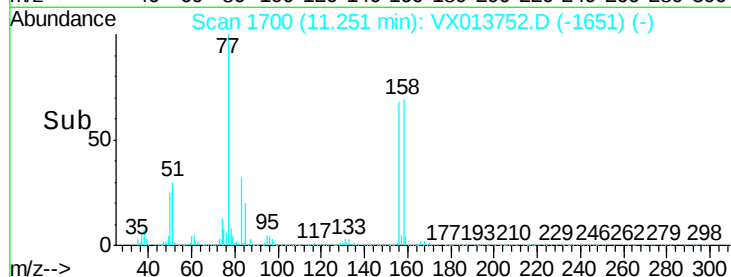
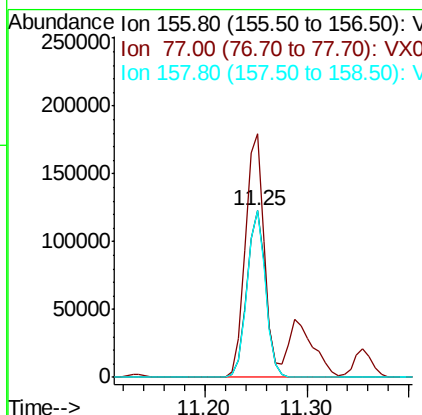
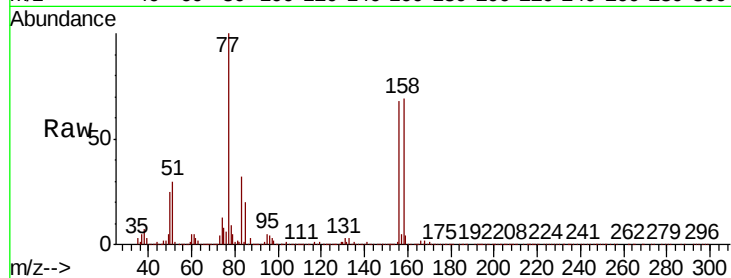
ClientSampleId :

VX1204WBSD01

Tot Ion:	156	Resp:	156267
Ion Ratio	Lower	Upper	
156	100		
77	146.8	74.4	223.1
158	98.1	48.9	146.6

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#78

n-propylbenzene

Concen: 19.641 ug/l

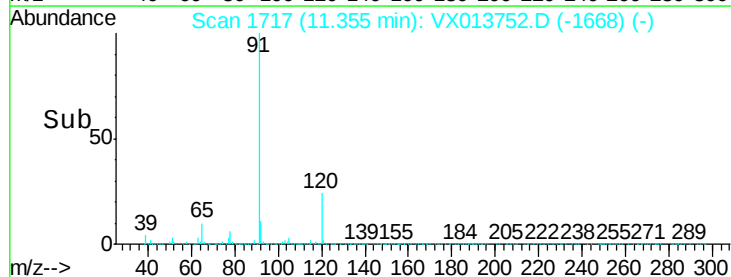
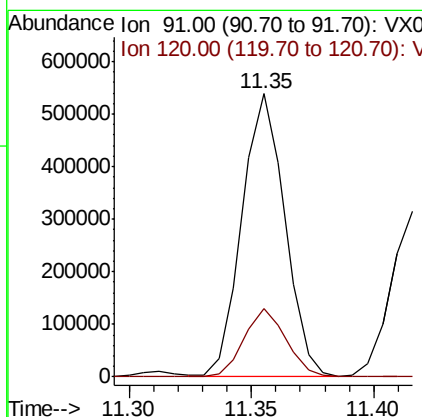
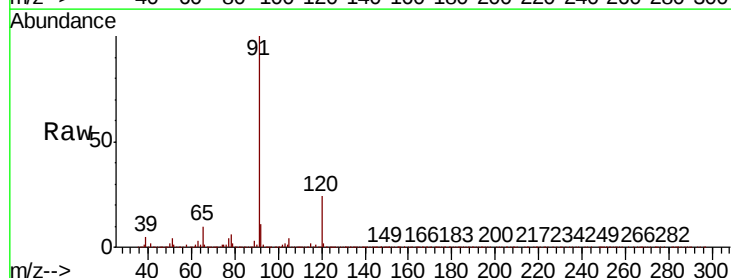
RT: 11.35 min Scan# 1717

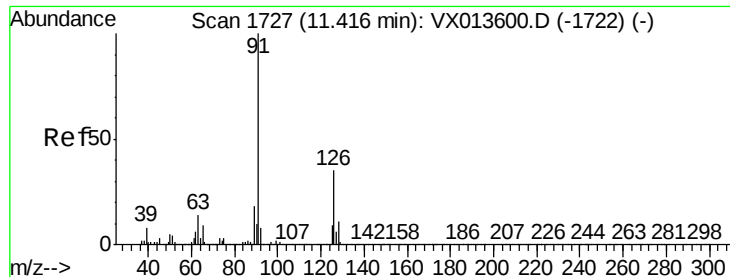
Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion:	91	Resp:	652912
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.464 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tot Ion: 91 Resp: 388132

Ion Ratio Lower Upper

91 100

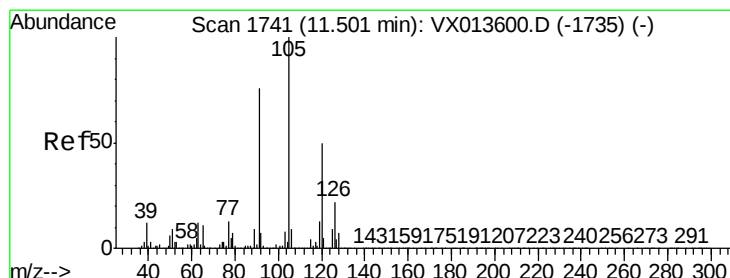
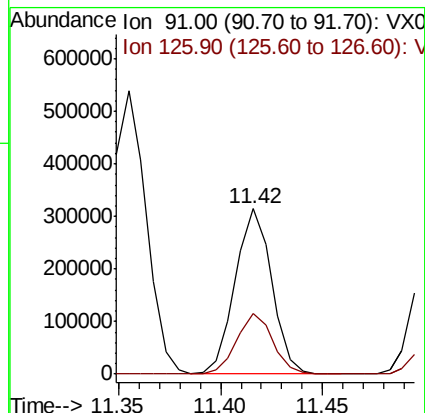
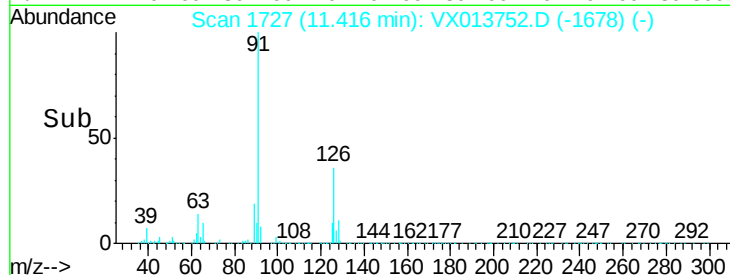
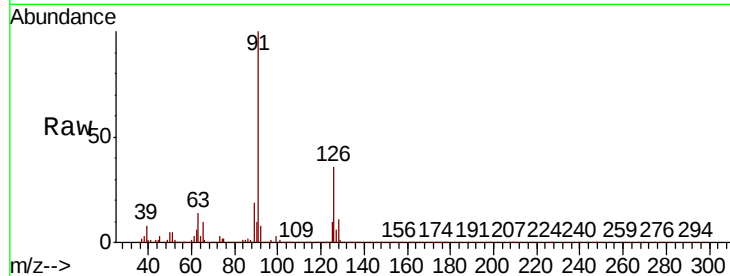
126 36.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.981 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013752.D

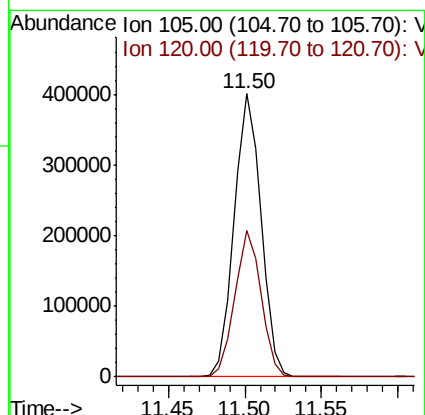
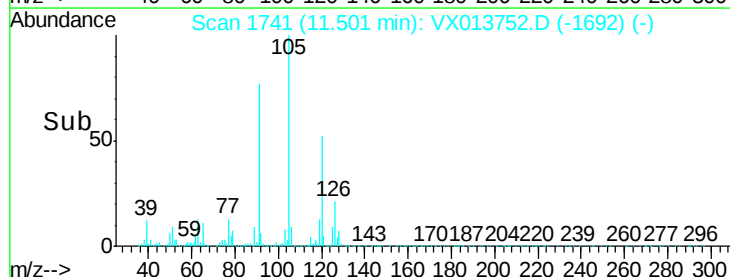
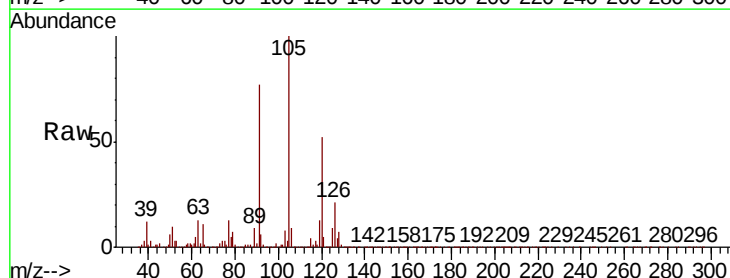
Acq: 04 Dec 2019 16:17

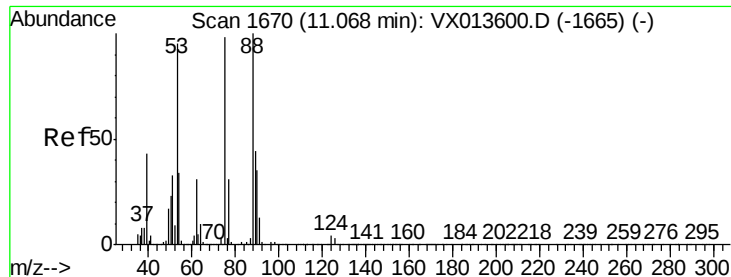
Tgt Ion: 105 Resp: 487643

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.557 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

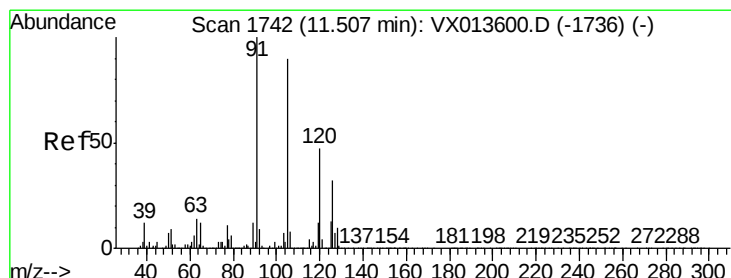
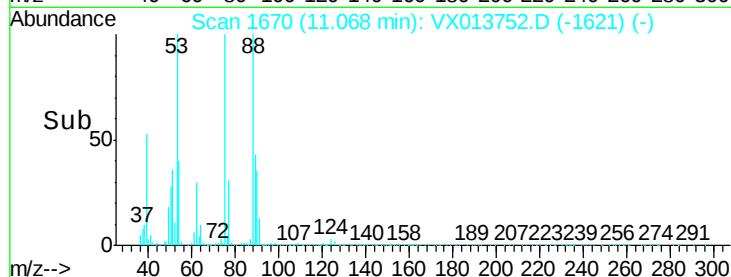
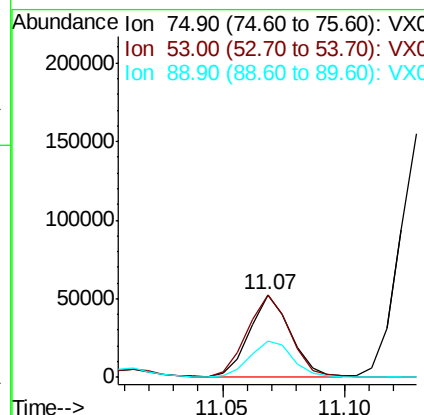
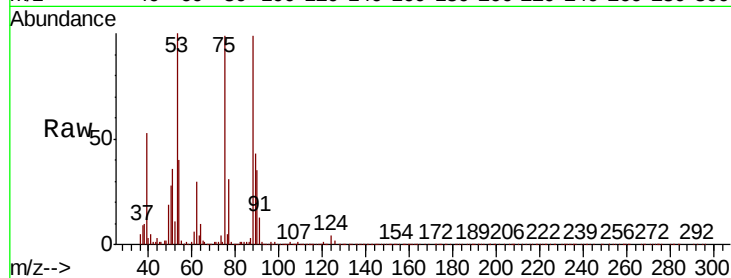
ClientSampleId :

VX1204WBSD01

Tot Ion:	75	Resp:	61273
Ion Ratio	Lower	Upper	
75	100		
53	103.3	78.2	117.2
89	47.5	35.4	53.2

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#82

4-Chlorotoluene

Concen: 19.171 ug/l

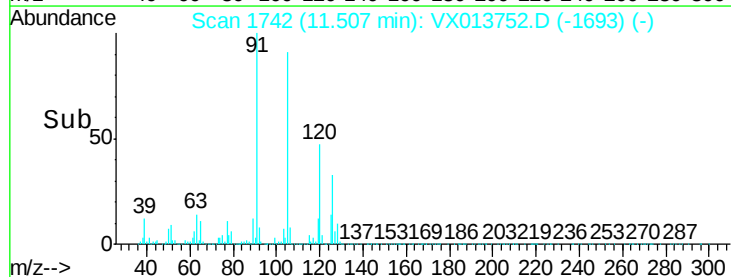
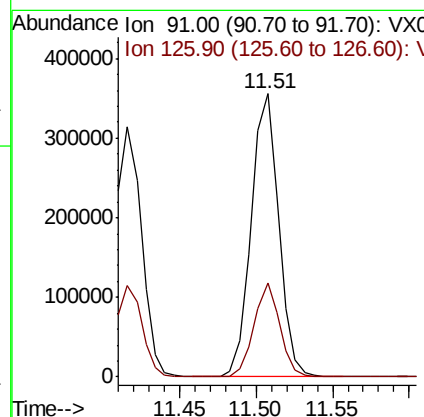
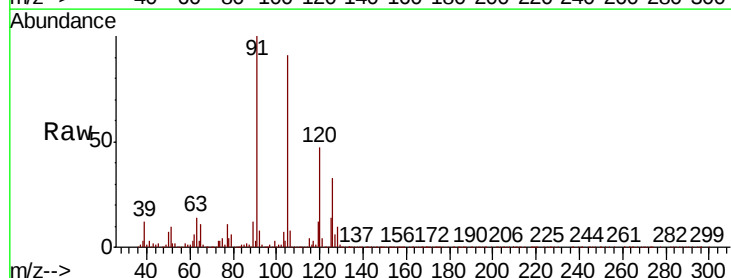
RT: 11.51 min Scan# 1742

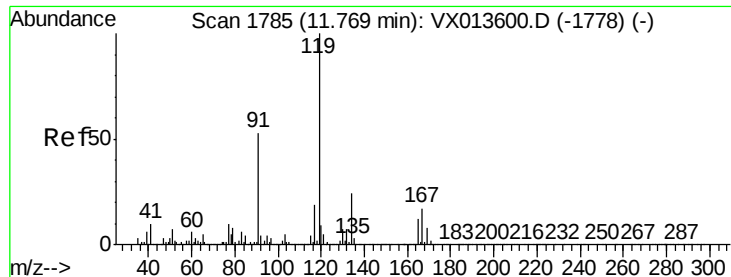
Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion:	91	Resp:	442766
Ion Ratio	Lower	Upper	
91	100		
126	31.2	15.7	47.0





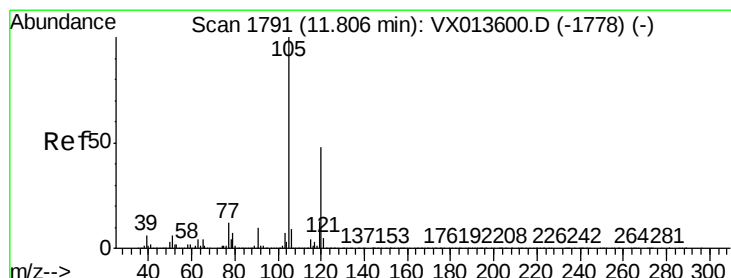
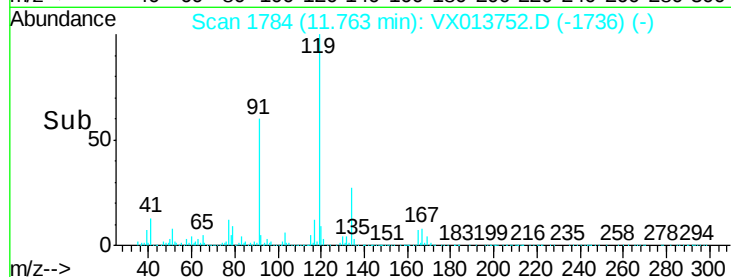
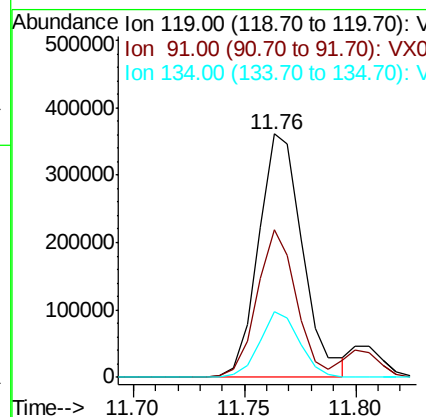
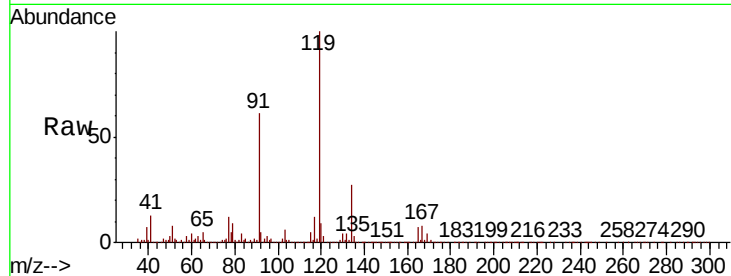
#83
 tert-Butylbenzene
 Concen: 20.076 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.8	27.2	81.6
134	24.0	11.7	35.1

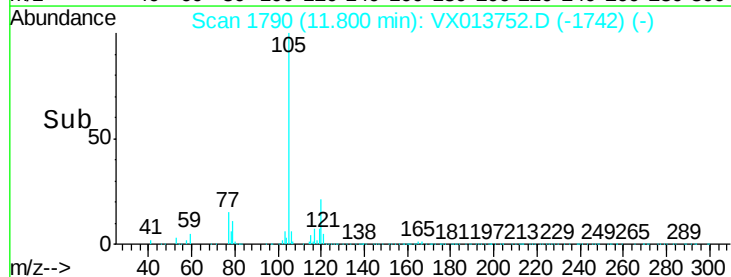
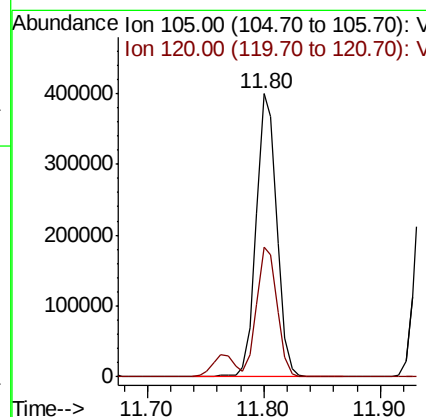
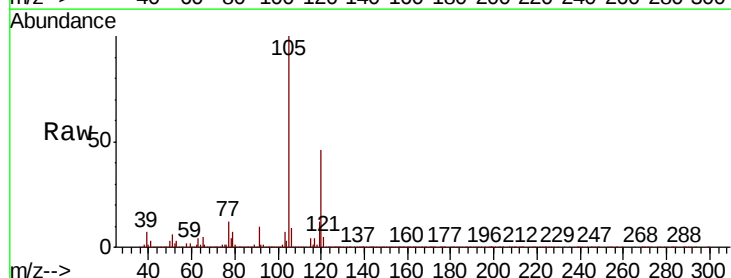
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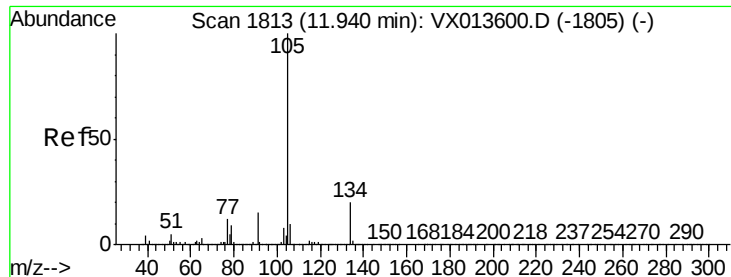
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.892 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.696 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

ClientSampleID :

VX1204WBSD01

Tot Ion:105 Resp: 558018

Ion Ratio Lower Upper

105 100

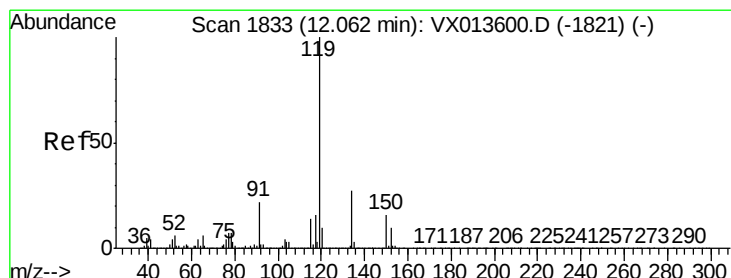
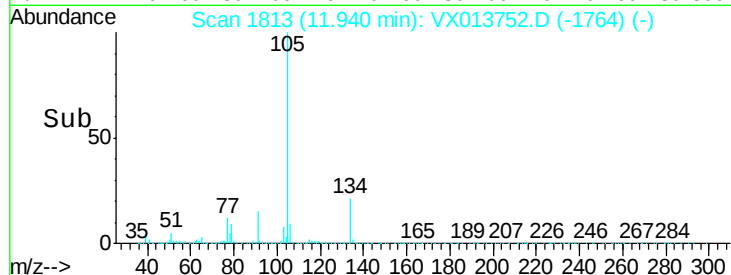
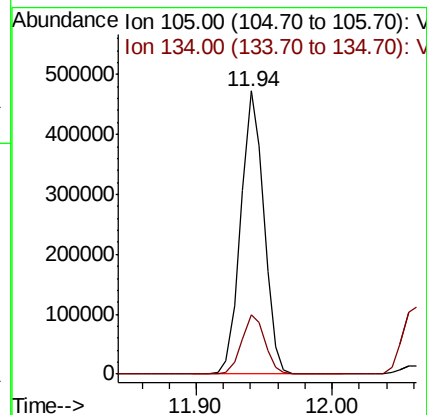
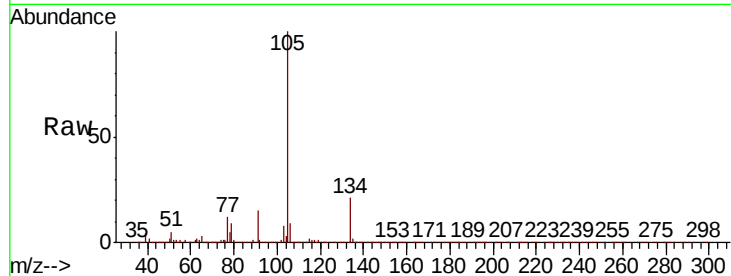
134 21.3 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.714 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

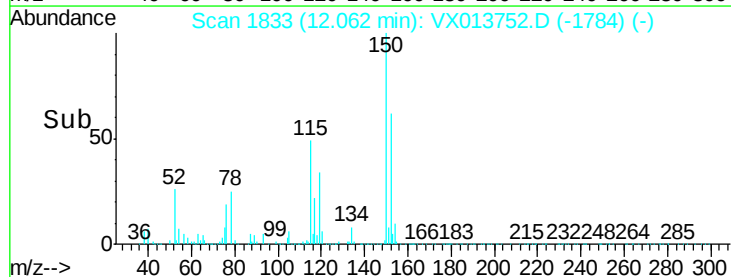
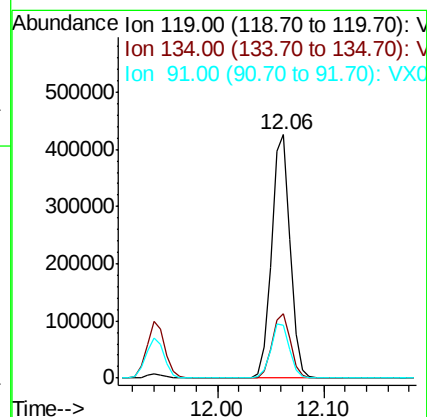
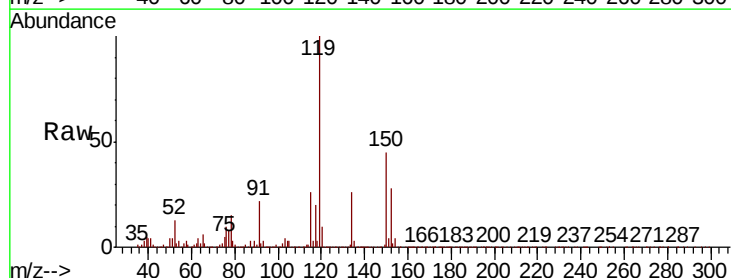
Tgt Ion:119 Resp: 519584

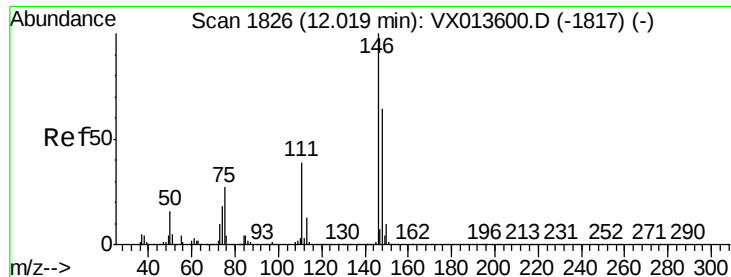
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.4 11.3 33.8





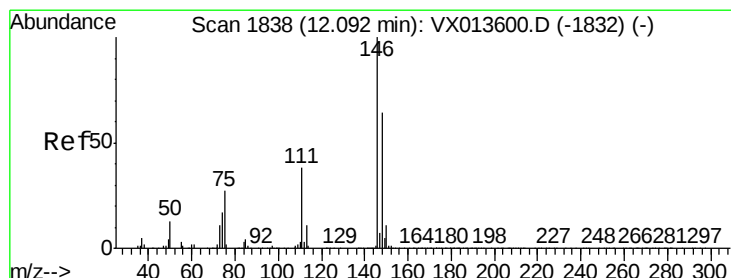
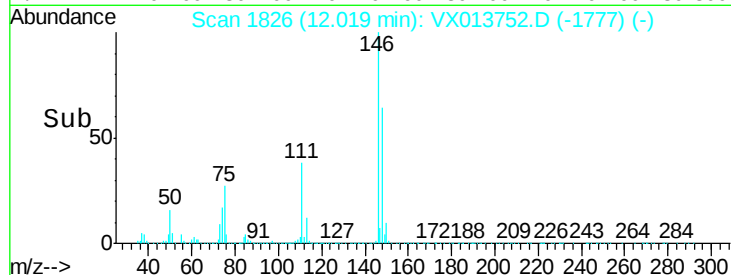
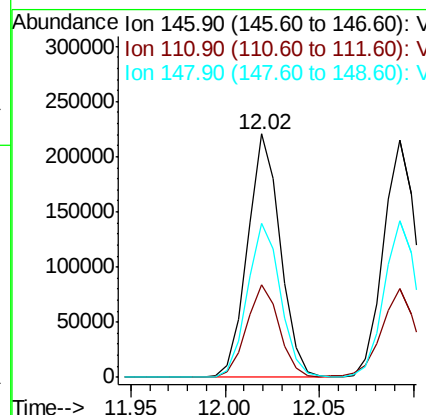
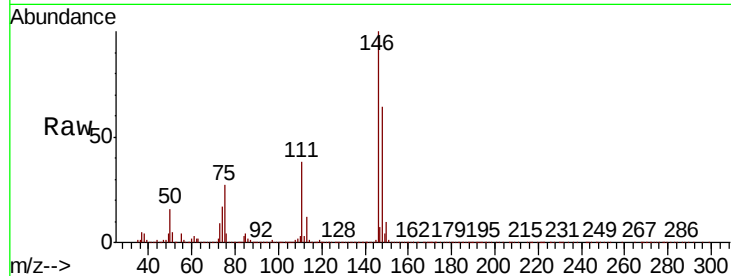
#87
 1,3-Dichlorobenzene
 Concen: 18.907 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.0	31.8	95.4

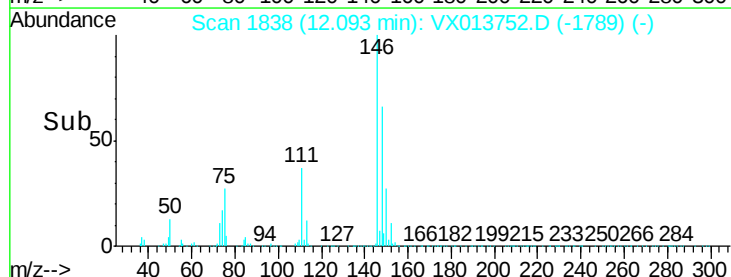
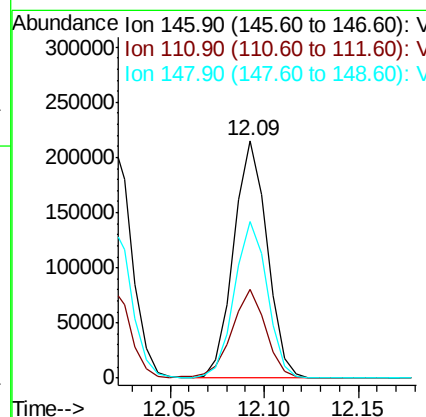
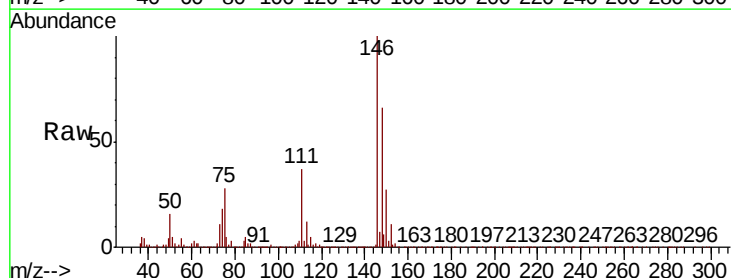
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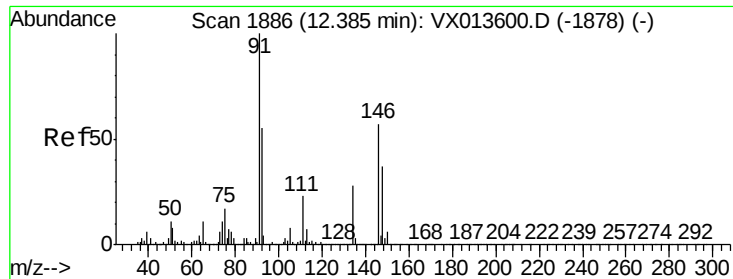
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#88
 1,4-Dichlorobenzene
 Concen: 18.532 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.8	31.9	95.5





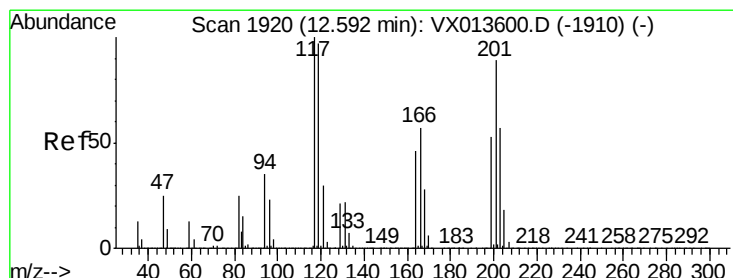
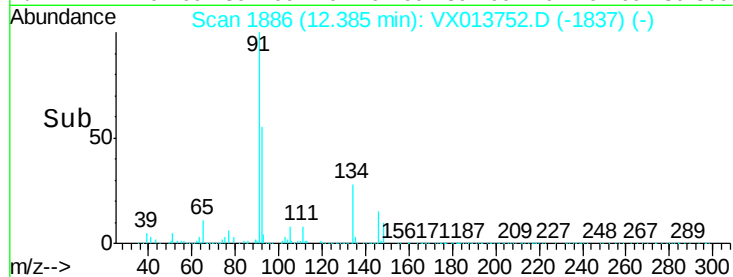
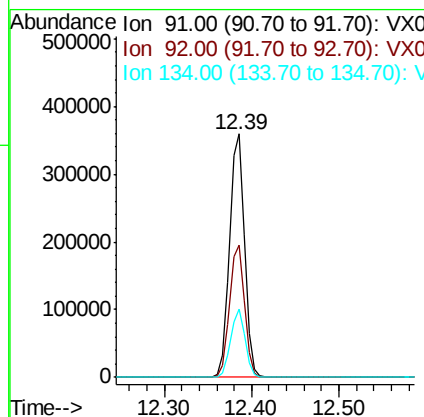
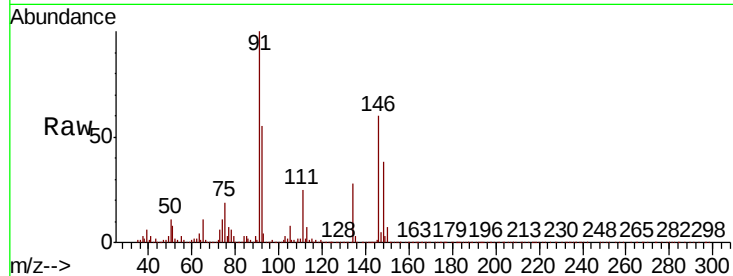
#89
n-Butylbenzene
Concen: 18.886 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	27.1	13.5	40.4

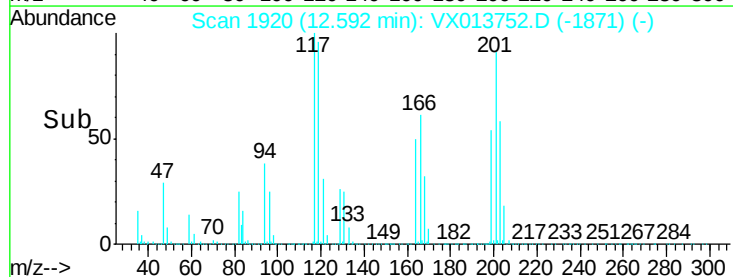
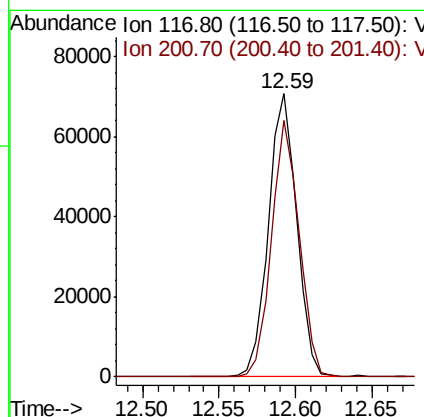
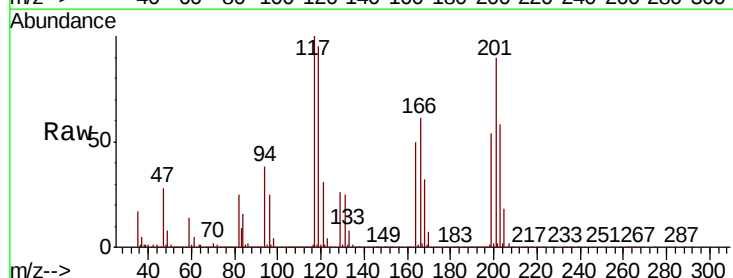
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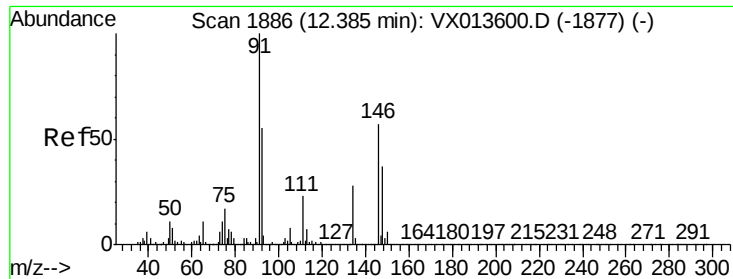
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#90
Hexachloroethane
Concen: 19.192 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.1	132.4





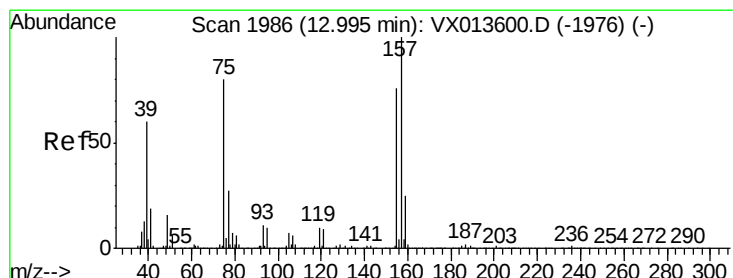
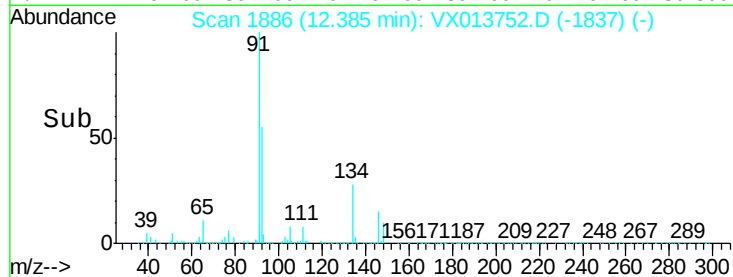
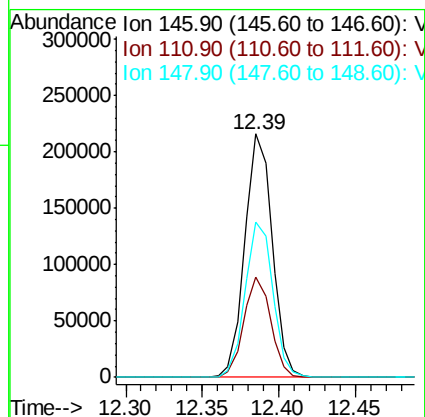
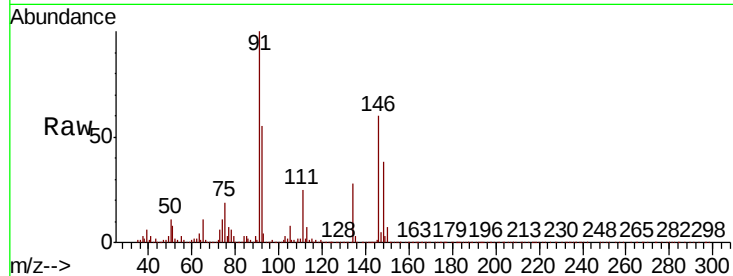
#91
 1,2-Dichlorobenzene
 Concen: 19.440 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	64.3	31.9	95.7

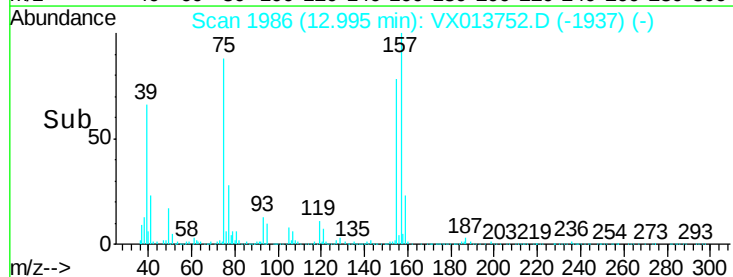
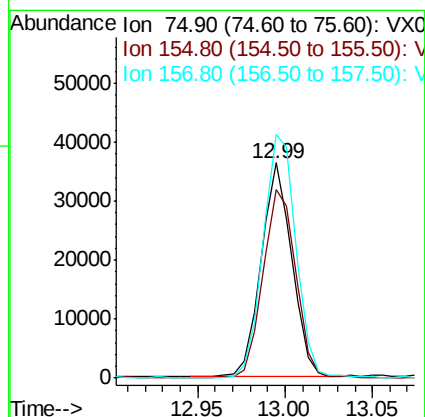
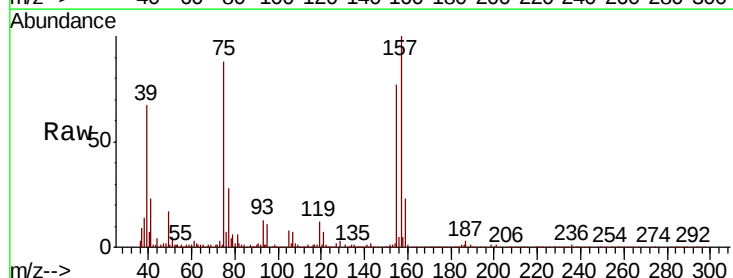
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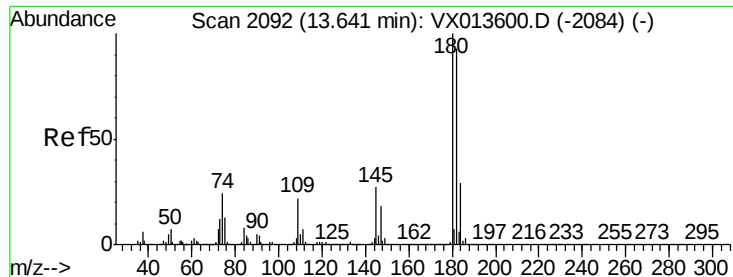
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.695 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013752.D
 Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	47.6	142.8
157	122.6	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 17.853 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Instrument :

MSVOA_X

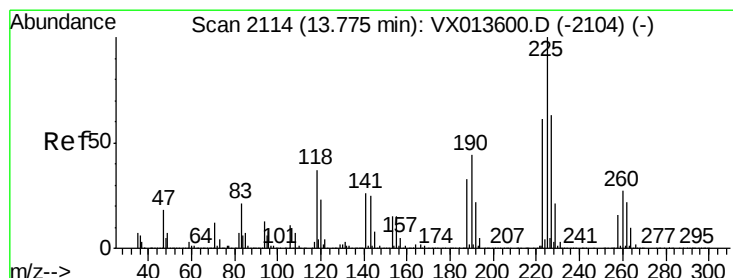
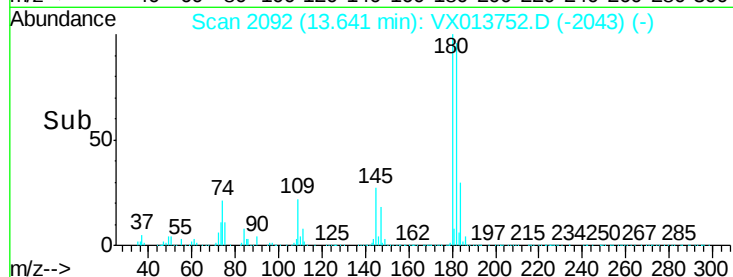
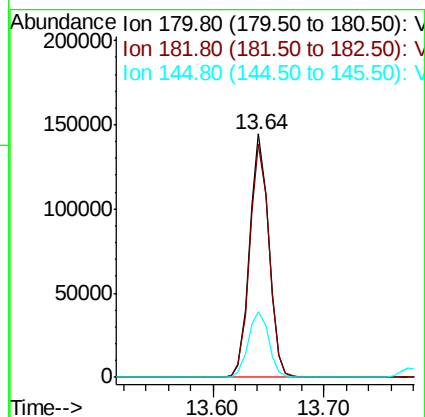
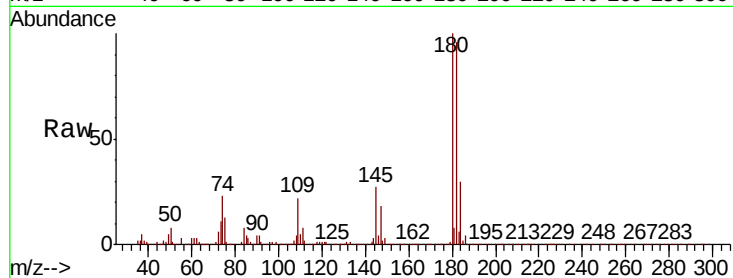
ClientSampleId :

VX1204WBSD01

Tot Ion:	180	Resp:	172395
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.2	141.6
145	29.0	13.8	41.4

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#94

Hexachlorobutadiene

Concen: 19.064 ug/l

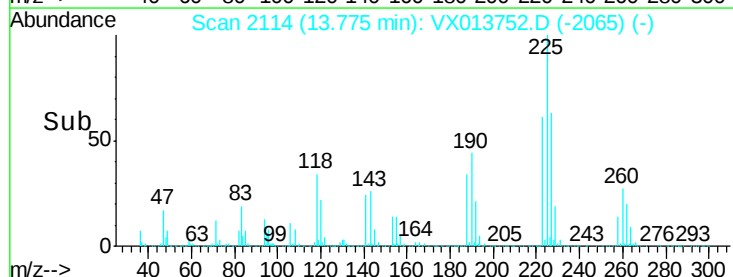
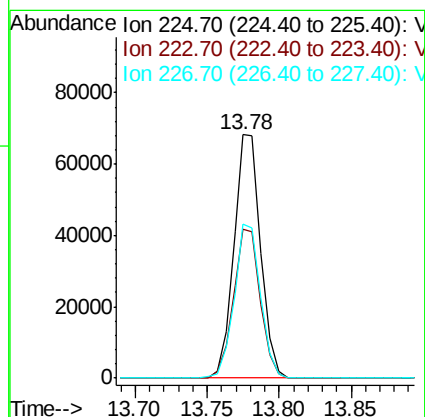
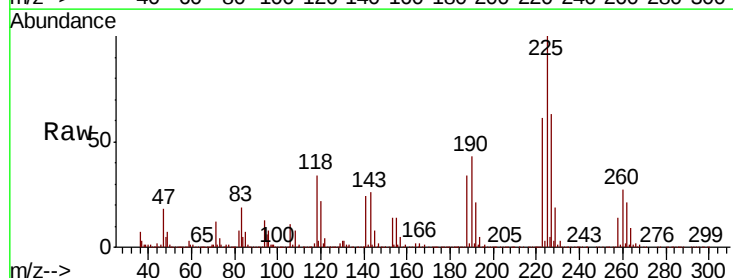
RT: 13.78 min Scan# 2114

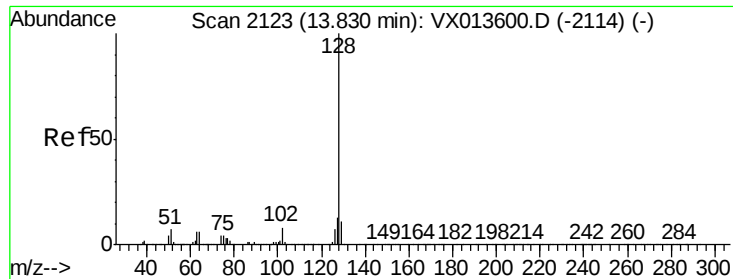
Delta R.T. 0.00 min

Lab File: VX013752.D

Acq: 04 Dec 2019 16:17

Tgt Ion:	225	Resp:	88429
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.9	95.5
227	62.2	32.1	96.3





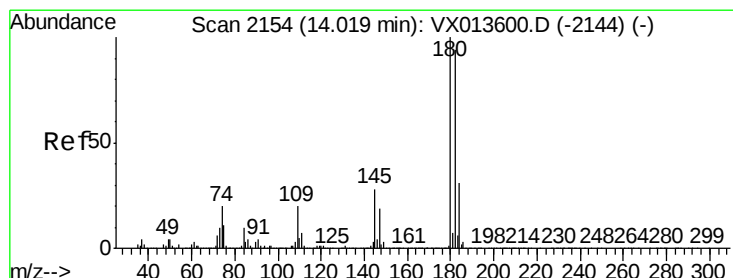
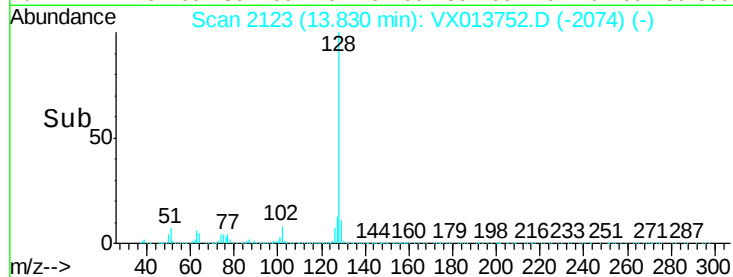
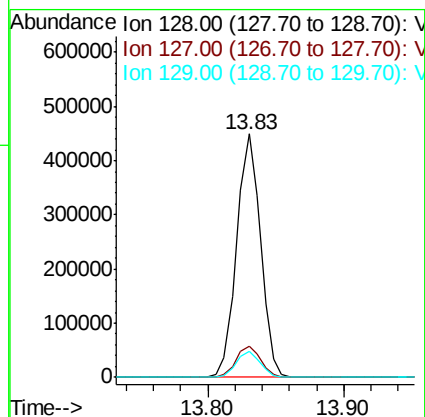
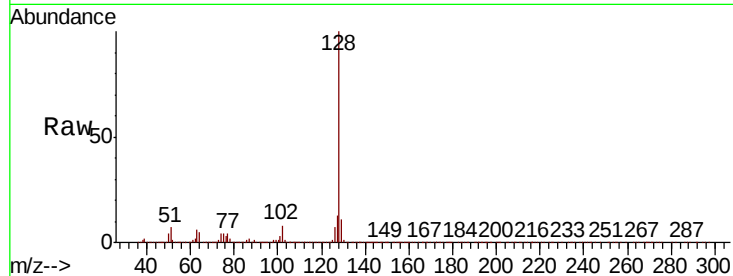
#95
Naphthalene
Concen: 19.115 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/5/2019 11:25:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.866 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013752.D
Acq: 04 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.8
145	30.1	15.0	45.0

