

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013746.D
 Acq On : 04 Dec 2019 13:57
 Operator : JC/SP
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

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 12/5/2019 11:25:10 AM

Quant Time: Dec 05 01:15:44 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	686680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1008677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	901129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	352161	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.49	113	296034	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	8.71	98	1129018	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.13	95	401743	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	142156	18.599	ug/l	98
3) Chloromethane	1.32	50	150226	17.517	ug/l	97
4) Vinyl Chloride	1.40	62	178760	18.519	ug/l	99
5) Bromomethane	1.63	94	93435	14.414	ug/l	99
6) Chloroethane	1.72	64	100077	18.220	ug/l	97
7) Trichlorofluoromethane	1.92	101	199882	18.649	ug/l	98
8) Diethyl Ether	2.18	74	90396	18.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122035	18.640	ug/l	97
10) Methyl Iodide	2.50	142	96793	12.222	ug/l	100
11) Tert butyl alcohol	3.03	59	157537	80.072	ug/l	99
12) 1,1-Dichloroethene	2.36	96	121344	18.569	ug/l	96
13) Acrolein	2.28	56	91331	73.749	ug/l	99
14) Allyl chloride	2.72	41	212182	17.892	ug/l	98
15) Acrylonitrile	3.12	53	358559	88.290	ug/l	99
16) Acetone	2.43	43	398323	101.218	ug/l	99
17) Carbon Disulfide	2.56	76	323745	17.378	ug/l	100
18) Methyl Acetate	2.76	43	206360	18.831	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	410857	18.978	ug/l	99
20) Methylene Chloride	2.84	84	134845	17.836	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	127503	17.910	ug/l	97
22) Diisopropyl ether	3.84	45	425990	18.655	ug/l #	87
23) Vinyl Acetate	3.80	43	1702565	89.624	ug/l	99
24) 1,1-Dichloroethane	3.69	63	232558	18.629	ug/l	97
25) 2-Butanone	4.65	43	531889	90.943	ug/l	99
26) 2,2-Dichloropropane	4.57	77	187385	18.143	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	149719	18.313	ug/l	98
28) Bromochloromethane	5.00	49	95236	19.298	ug/l	98
29) Tetrahydrofuran	5.11	42	315770	87.581	ug/l	99
30) Chloroform	5.20	83	229444	18.123	ug/l	96
31) Cyclohexane	5.56	56	207820	17.650	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	197912	18.707	ug/l	100
36) 1,1-Dichloropropene	5.79	75	172668	18.858	ug/l	99
37) Ethyl Acetate	4.81	43	191520	18.645	ug/l	99
38) Carbon Tetrachloride	5.78	117	166126	19.676	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	218933	19.344	ug/l	98
40) Benzene	6.13	78	530873	19.037	ug/l	98
41) Methacrylonitrile	5.02	41	111778	19.842	ug/l	98
42) 1,2-Dichloroethane	6.18	62	183103	19.253	ug/l	99
43) Isopropyl Acetate	6.43	43	316549	18.719	ug/l	100
44) Trichloroethene	7.20	130	146990	19.206	ug/l	95
45) 1,2-Dichloropropane	7.50	63	135661	19.443	ug/l	99
46) Dibromomethane	7.65	93	89959	18.984	ug/l	99
47) Bromodichloromethane	7.89	83	178530	19.929	ug/l	97
48) Methyl methacrylate	7.76	41	157287	19.143	ug/l	98
49) 1,4-Dioxane	7.73	88	63554	345.555	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	996438	93.674	ug/l	100
52) Toluene	8.78	92	336214	19.407	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	189982	18.631	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	216811	19.462	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	135306	19.381	ug/l	98
56) Ethyl methacrylate	9.17	69	214176	19.081	ug/l	99
57) 1,3-Dichloropropane	9.37	76	229956	19.109	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	390490	88.732	ug/l	98
59) 2-Hexanone	9.48	43	764040	92.094	ug/l	100
60) Dibromochloromethane	9.57	129	140257	19.358	ug/l	98
61) 1,2-Dibromoethane	9.67	107	143268	19.214	ug/l	99
64) Tetrachloroethene	9.33	164	141668	21.081	ug/l	95
65) Chlorobenzene	10.14	112	363709	19.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	135421	20.157	ug/l	100
67) Ethyl Benzene	10.25	91	638152	19.849	ug/l	100
68) m/p-Xylenes	10.35	106	490626	39.860	ug/l	98
69) o-Xylene	10.70	106	233301	19.434	ug/l	98
70) Styrene	10.71	104	397593	19.689	ug/l	99
71) Bromoform	10.85	173	108689	19.552	ug/l	97
73) Isopropylbenzene	11.01	105	630259	19.807	ug/l	100
74) N-amyl acetate	10.89	43	271130	18.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	210163	19.045	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	170270m	16.688	ug/l	
77) Bromobenzene	11.25	156	164912	19.184	ug/l	100
78) n-propylbenzene	11.35	91	706367	19.886	ug/l	100
79) 2-Chlorotoluene	11.42	91	420104	19.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	521851	20.010	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65659	17.606	ug/l	99
82) 4-Chlorotoluene	11.51	91	479676	19.436	ug/l	99
83) tert-Butylbenzene	11.76	119	528795	19.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	530427	20.040	ug/l	100
85) sec-Butylbenzene	11.94	105	610571	20.168	ug/l	99
86) p-Isopropyltoluene	12.06	119	564442	20.041	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288567	19.257	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	288093	18.875	ug/l	99
89) n-Butylbenzene	12.39	91	473347	19.705	ug/l	99
90) Hexachloroethane	12.59	117	99384	19.523	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	288340	19.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42135	17.534	ug/l	94

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ClientSampleId :
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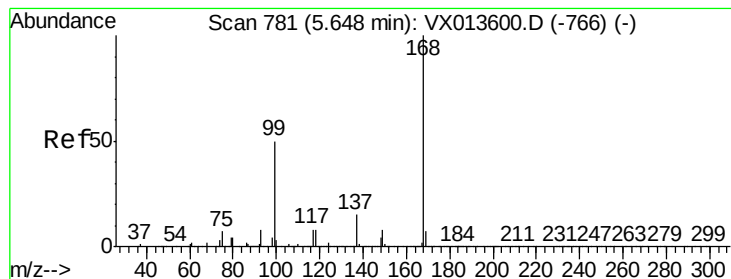
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QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	194174	18.818	ug/l	98
94) Hexachlorobutadiene	13.78	225	97578	19.686	ug/l	98
95) Naphthalene	13.83	128	588413	19.148	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	196337	19.217	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

Tot Ion:168 Resp: 686680

Ion Ratio Lower Upper

168 100

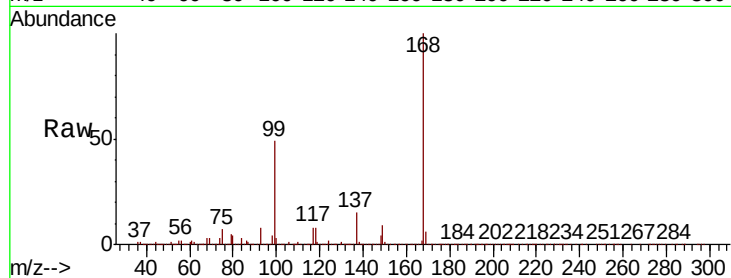
99 49.1 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

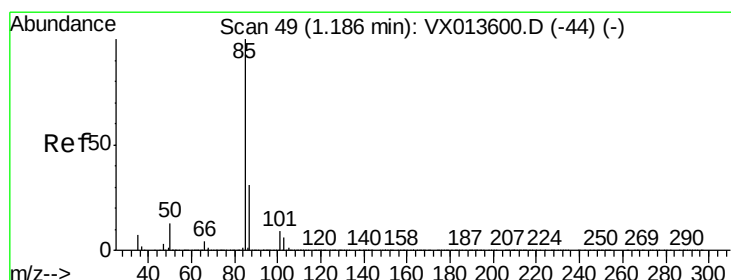
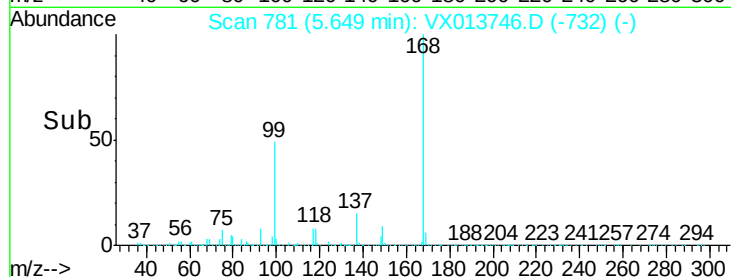
0

5.50

5.60

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.599 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013746.D

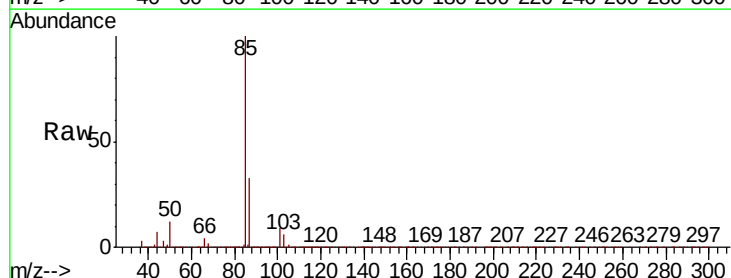
Acq: 04 Dec 2019 13:57

Tgt Ion: 85 Resp: 142156

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

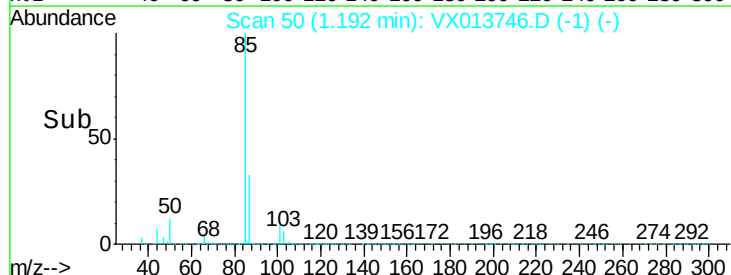
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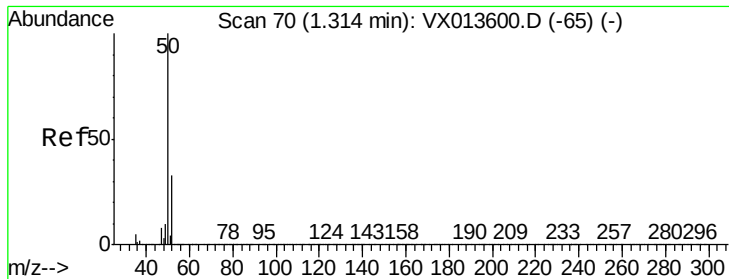
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 17.517 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 50 Resp: 150226

Ion Ratio Lower Upper

50 100

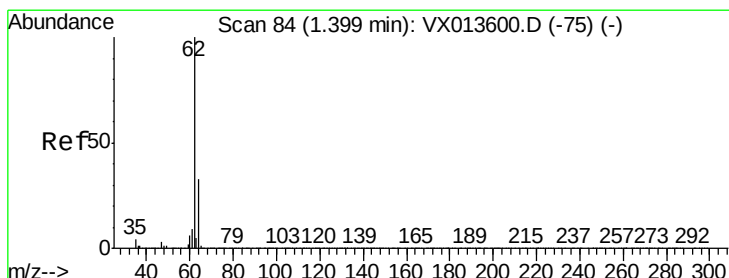
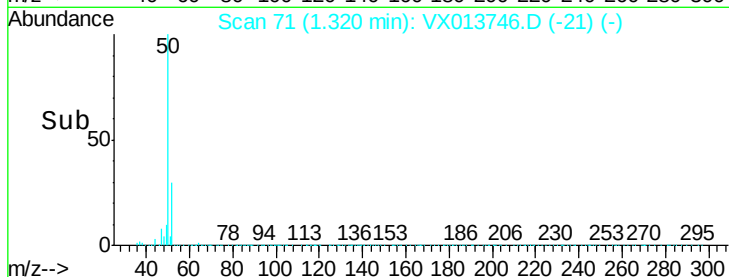
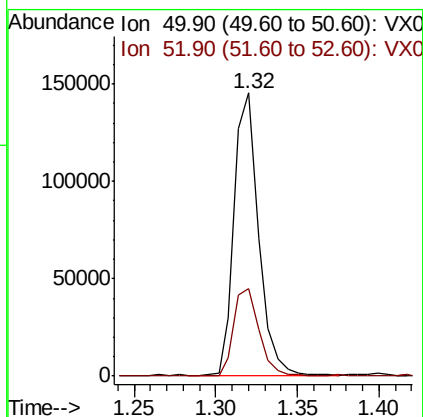
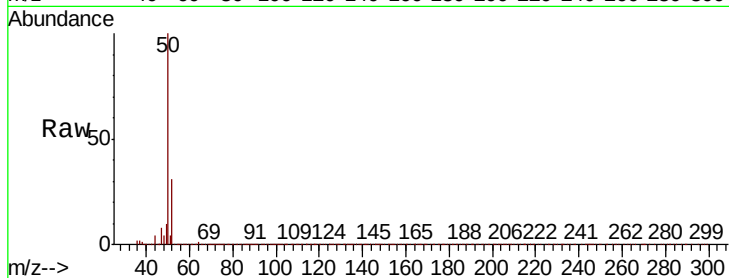
52 30.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.519 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013746.D

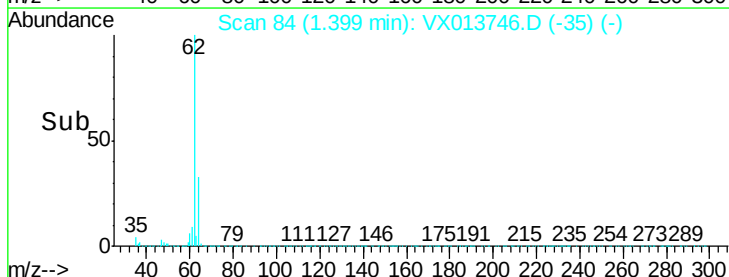
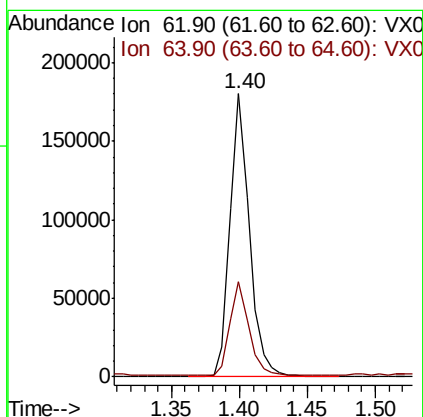
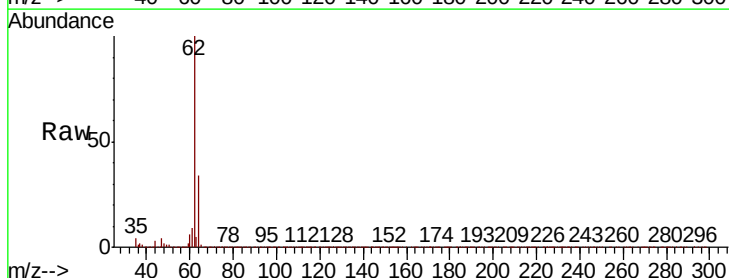
Acq: 04 Dec 2019 13:57

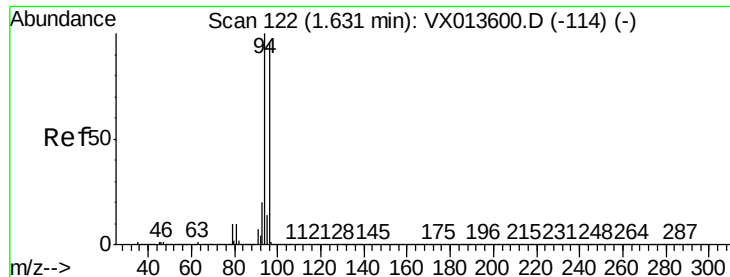
Tgt Ion: 62 Resp: 178760

Ion Ratio Lower Upper

62 100

64 33.1 26.0 39.0





#5

Bromomethane

Concen: 14.414 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 94 Resp: 93435

Ion Ratio Lower Upper

94 100

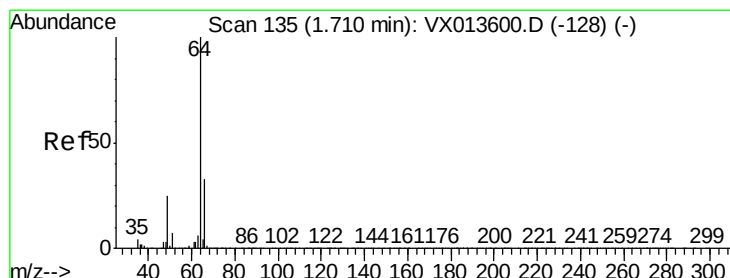
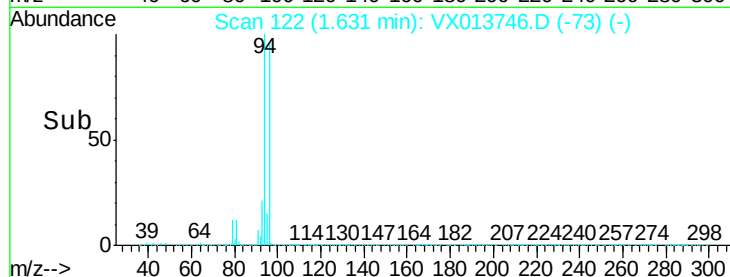
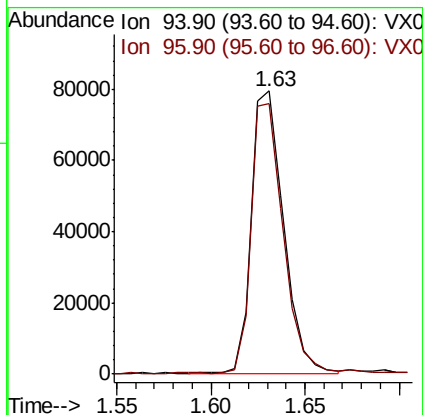
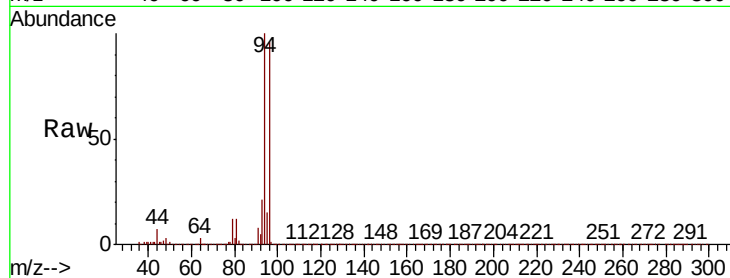
96 95.3 77.0 115.4

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#6

Chloroethane

Concen: 18.220 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013746.D

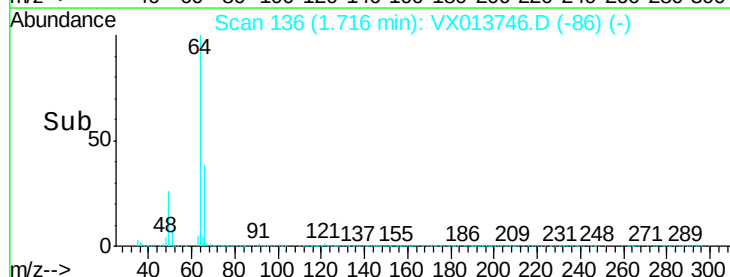
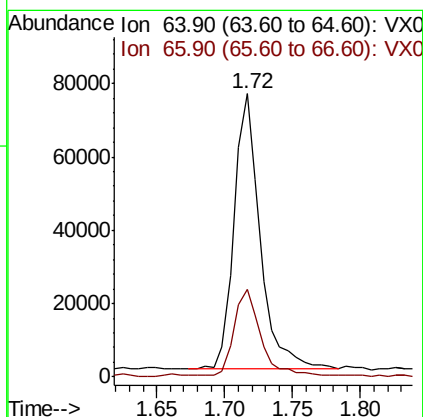
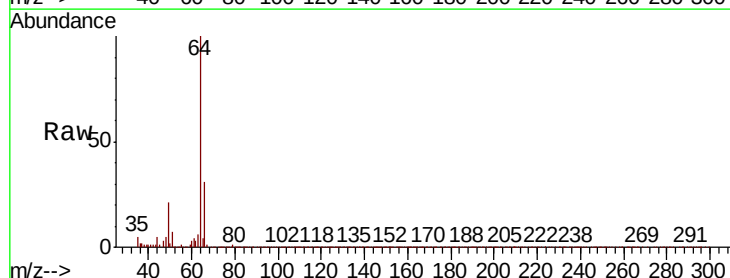
Acq: 04 Dec 2019 13:57

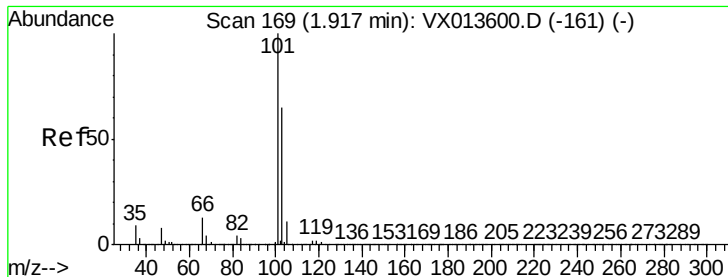
Tgt Ion: 64 Resp: 100077

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1





#7

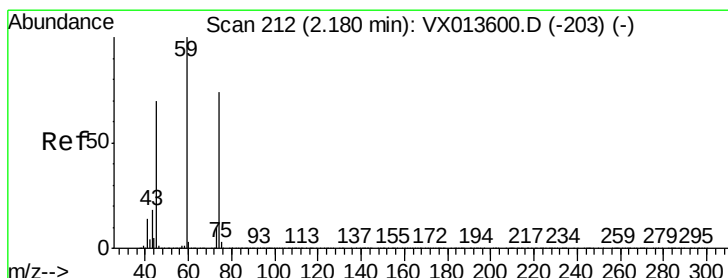
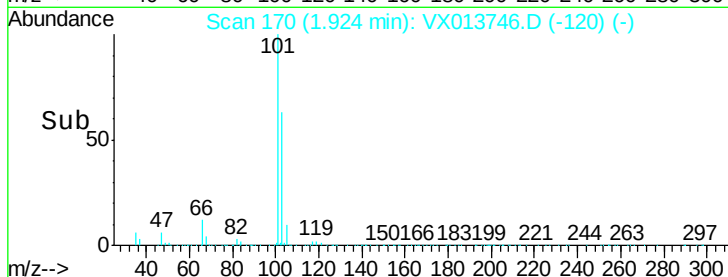
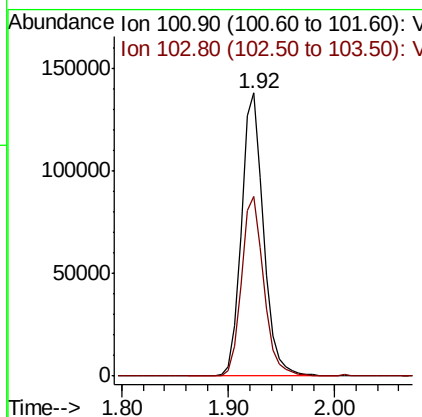
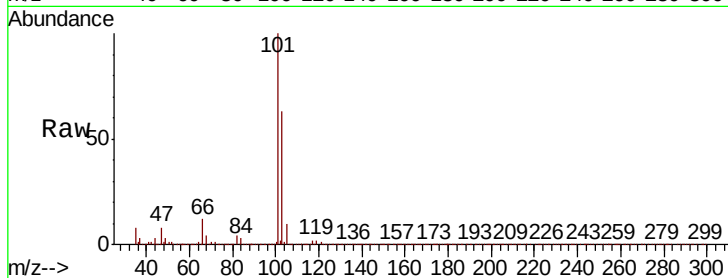
Trichlorofluoromethane
Concen: 18.649 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
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ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.8	77.6

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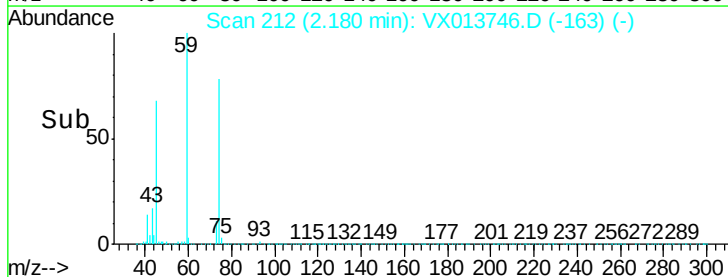
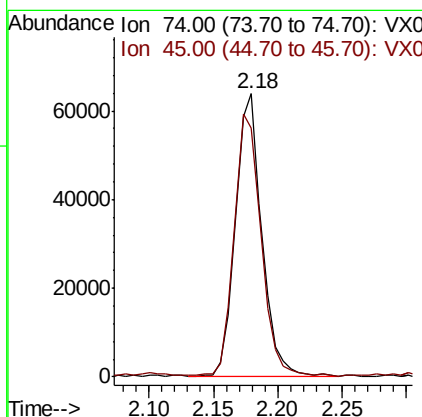
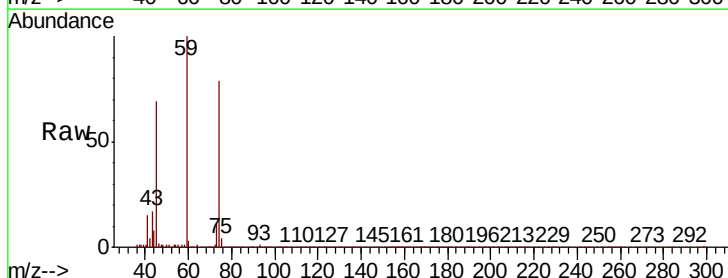
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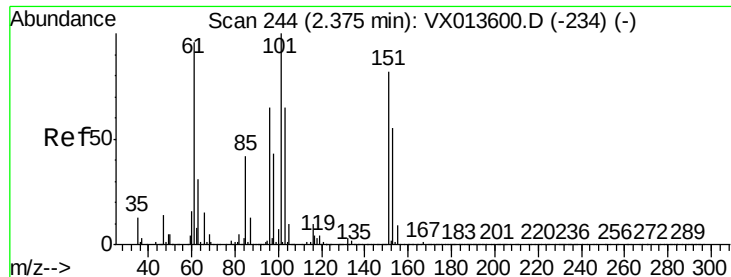


#8

Diethyl Ether
Concen: 18.642 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.640 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

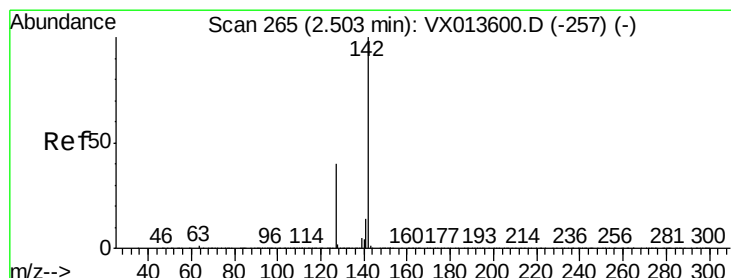
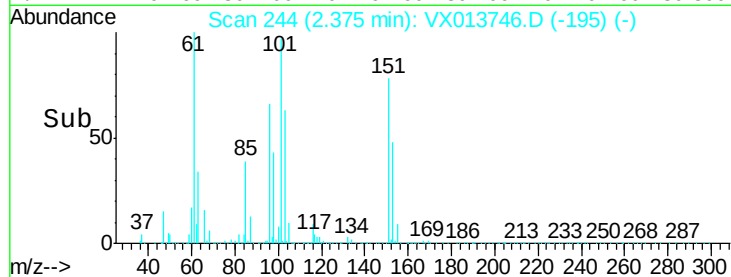
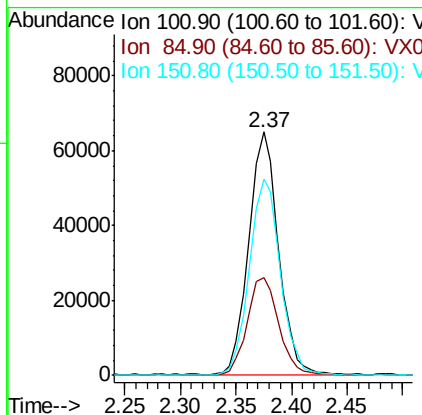
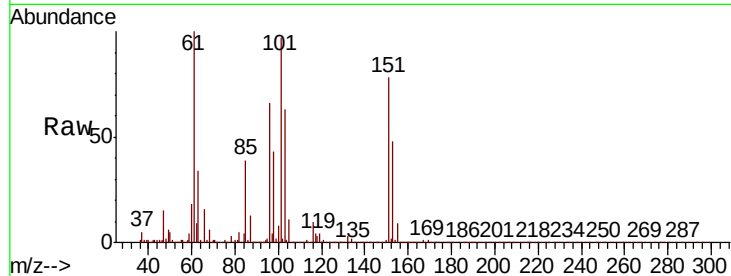
ClientSampleId :

VX1204WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.8	33.9	50.9
151	84.5	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 12.222 ug/l

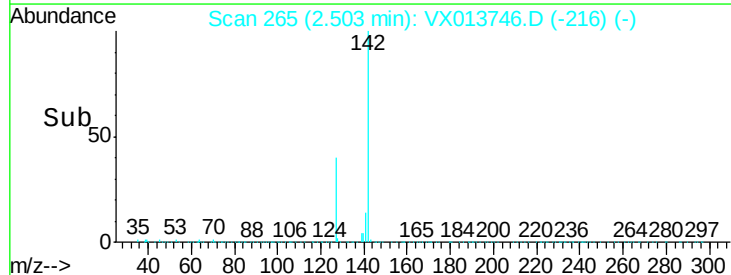
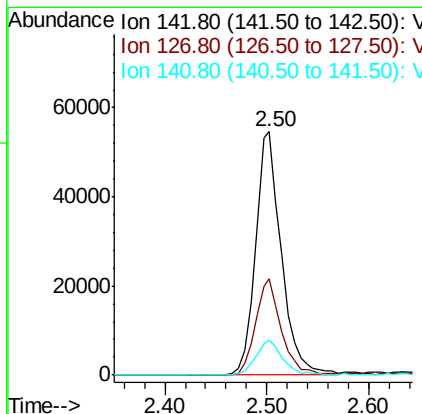
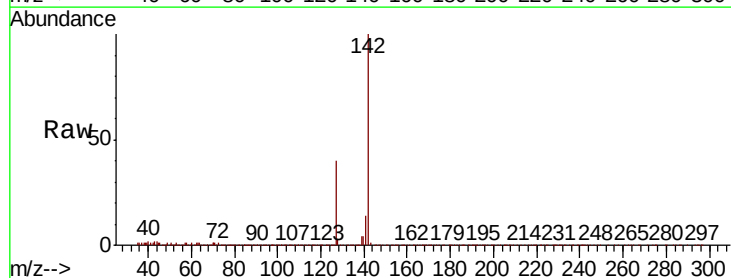
RT: 2.50 min Scan# 265

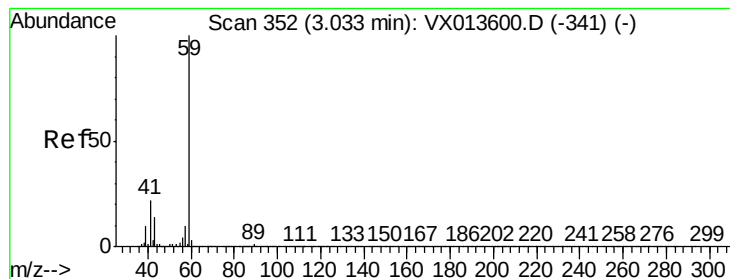
Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.8	31.0	46.4
141	14.9	11.6	17.4





#11

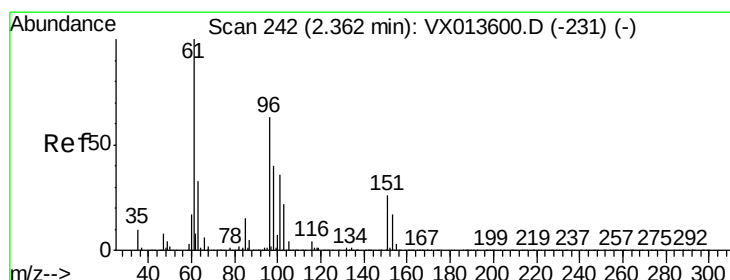
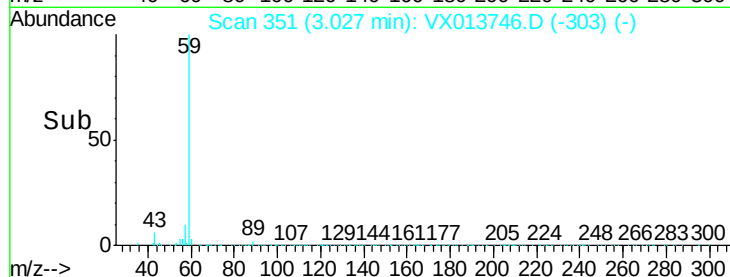
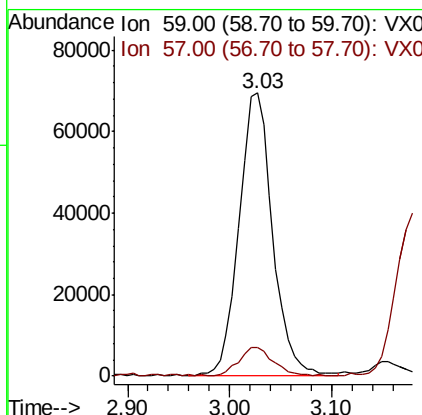
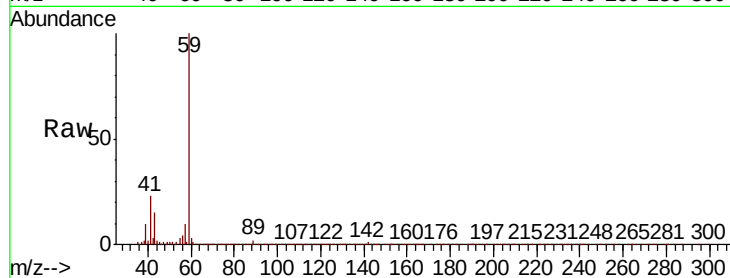
Tert butyl alcohol
Concen: 80.072 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

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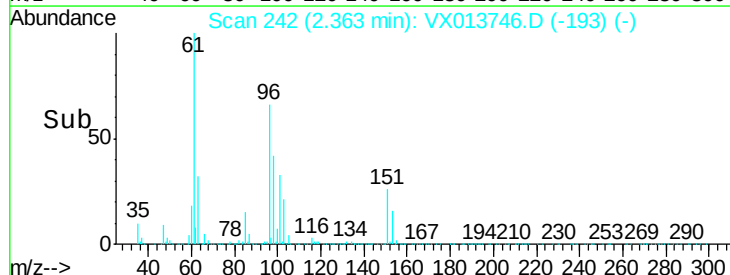
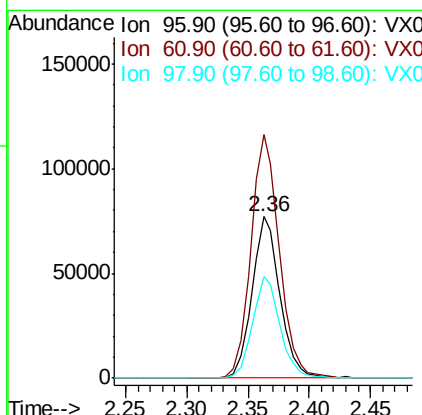
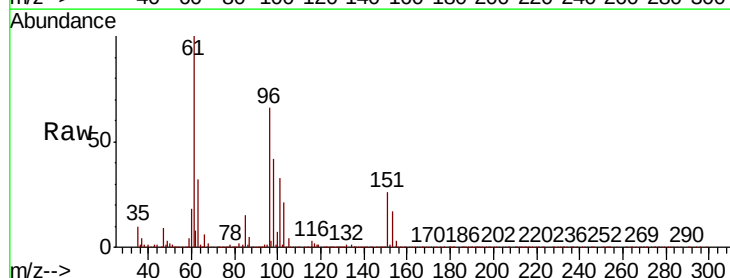
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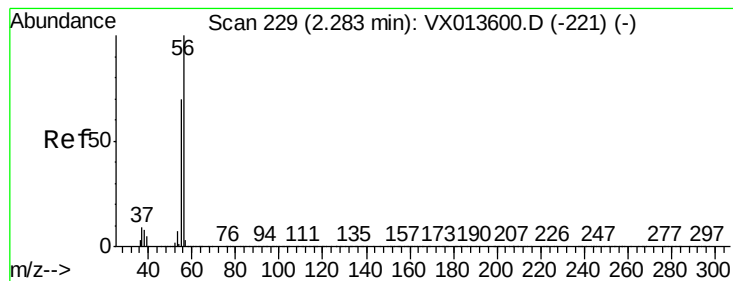


#12

1,1-Dichloroethene
Concen: 18.569 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.8	126.6	190.0
98	63.0	50.6	76.0





#13

Acrolein

Concen: 73.749 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 56 Resp: 91331

Ion Ratio Lower Upper

56 100

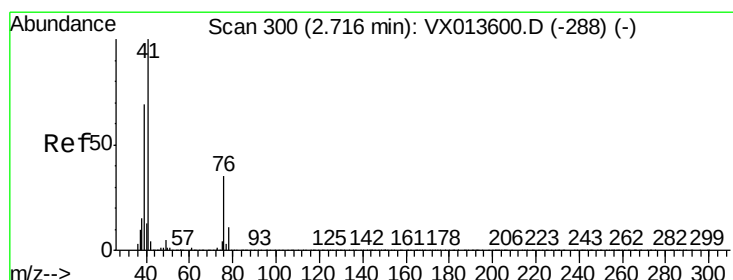
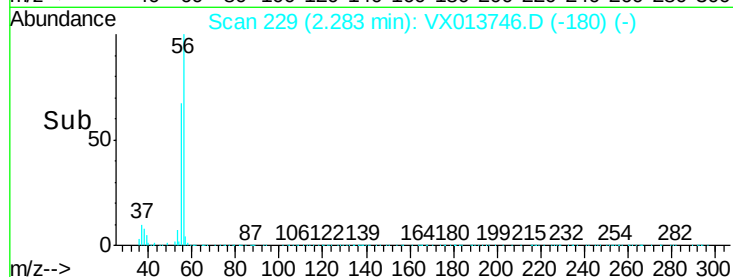
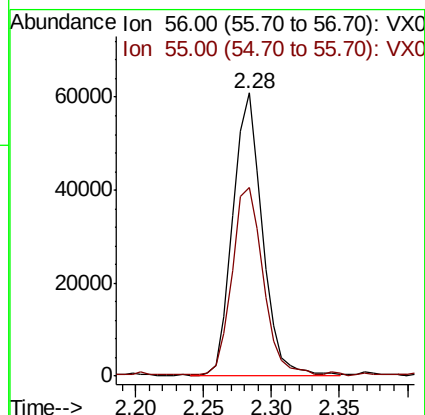
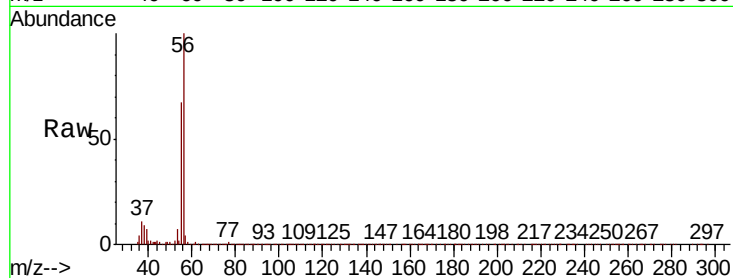
55 69.6 56.2 84.4

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#14

Allyl chloride

Concen: 17.892 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

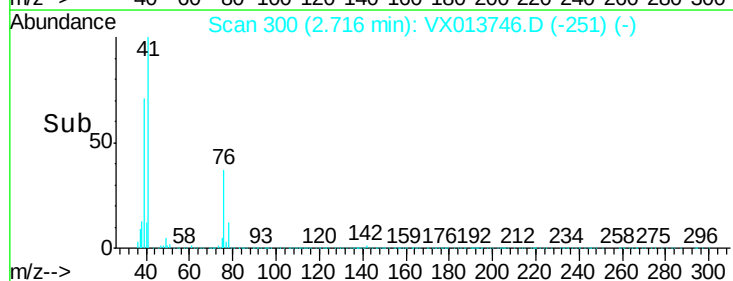
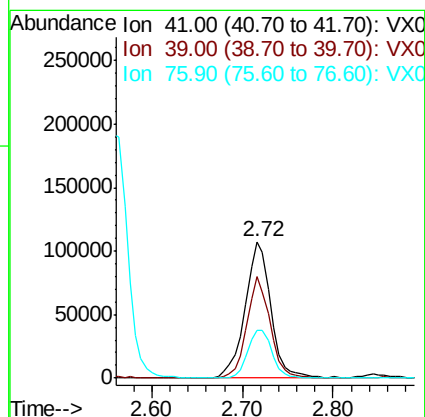
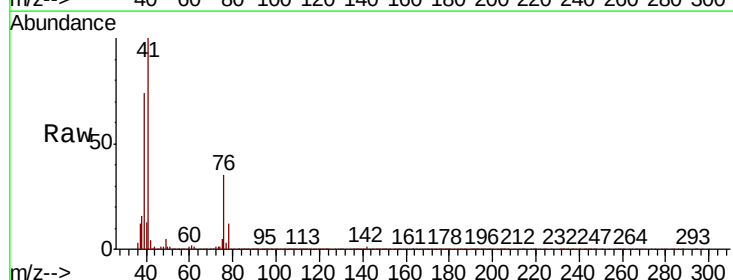
Tgt Ion: 41 Resp: 212182

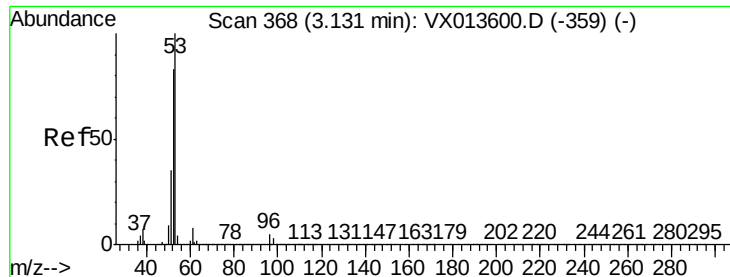
Ion Ratio Lower Upper

41 100

39 66.1 51.7 77.5

76 33.1 25.9 38.9





#15

Acrylonitrile

Concen: 88.290 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

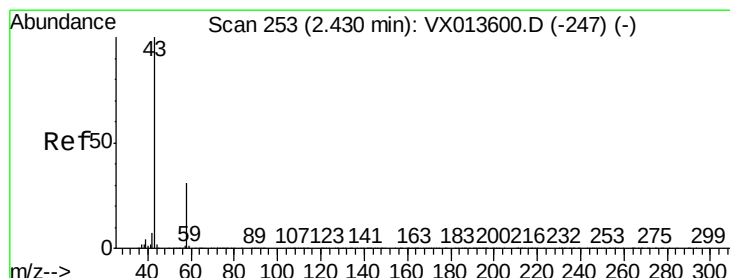
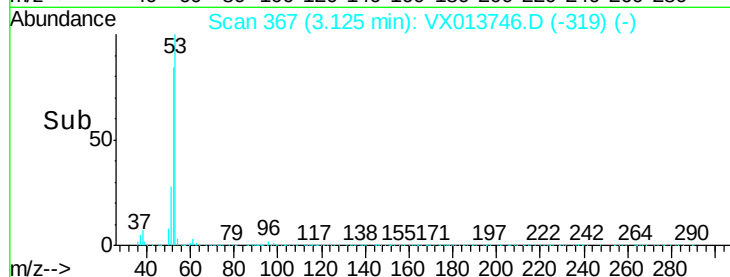
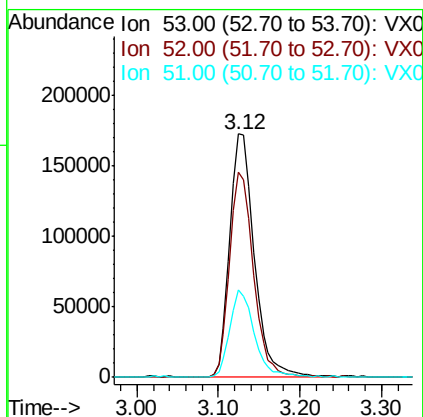
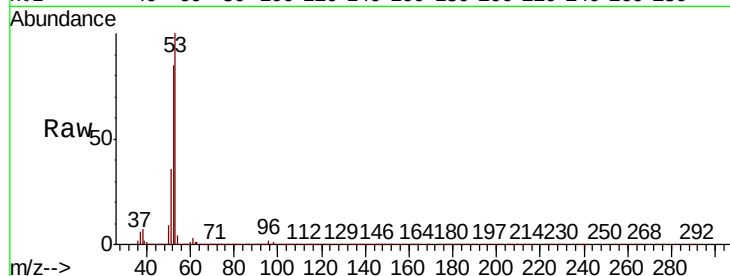
ClientSampleId :

VX1204WBS01

Tot Ion:	53	Resp:	358559
Ion Ratio		Lower	Upper
53	100		
52	81.9	66.2	99.2
51	35.6	29.0	43.6

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#16

Acetone

Concen: 101.218 ug/l

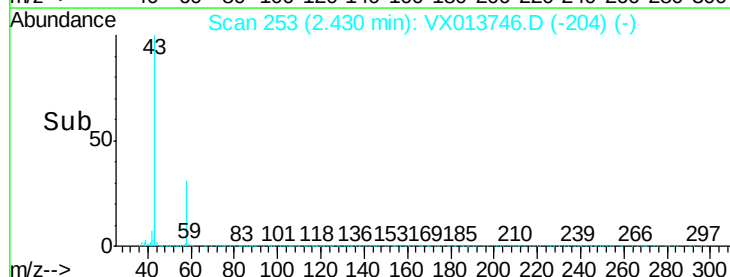
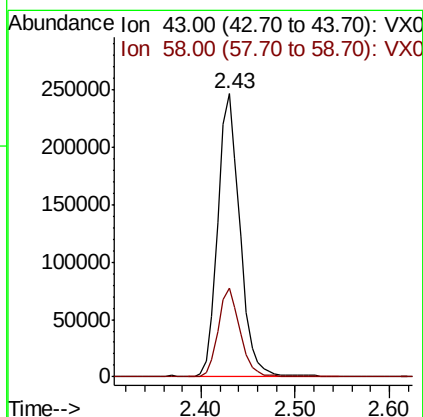
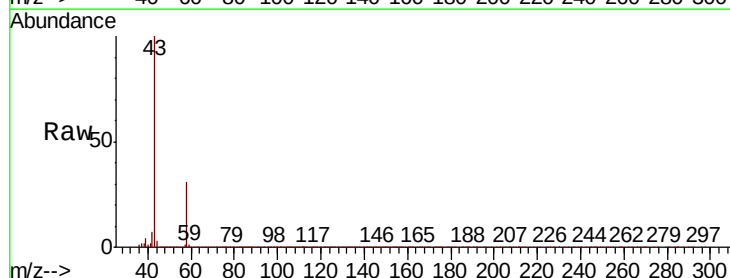
RT: 2.43 min Scan# 253

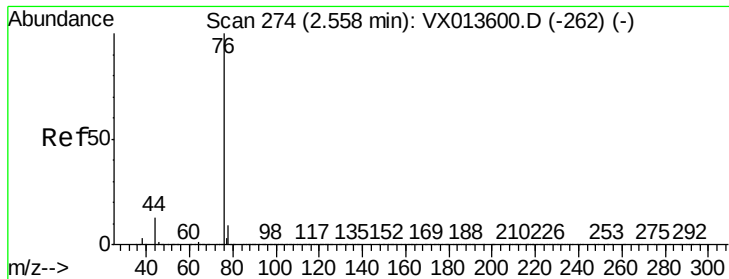
Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	43	Resp:	398323
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.6	36.8





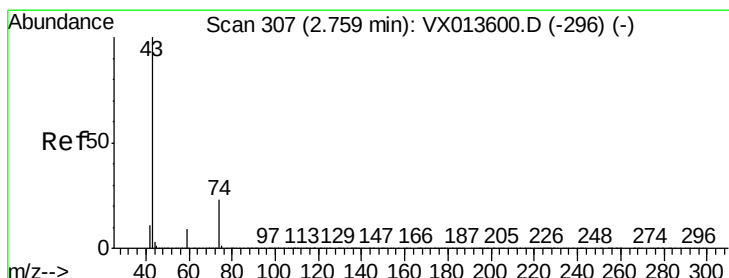
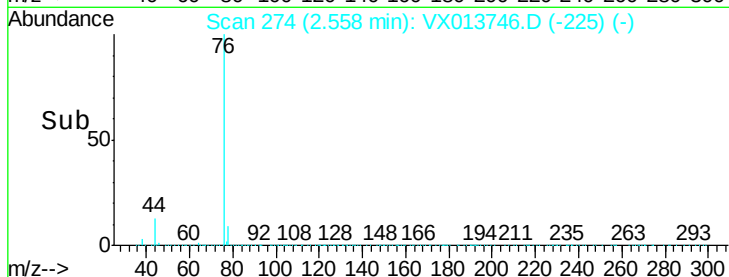
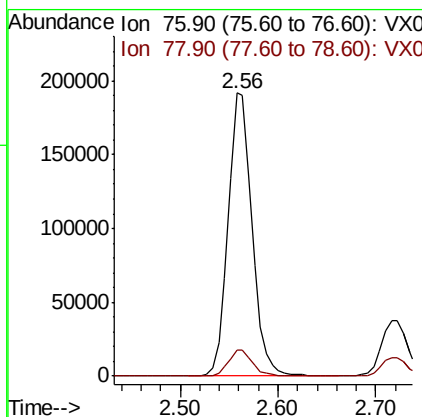
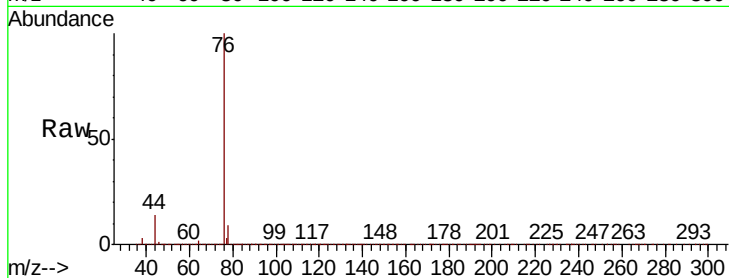
#17
Carbon Disulfide
Concen: 17.378 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

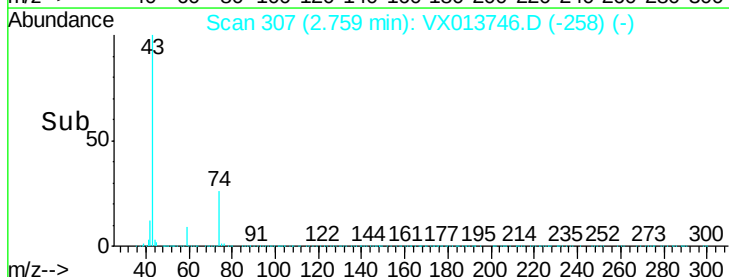
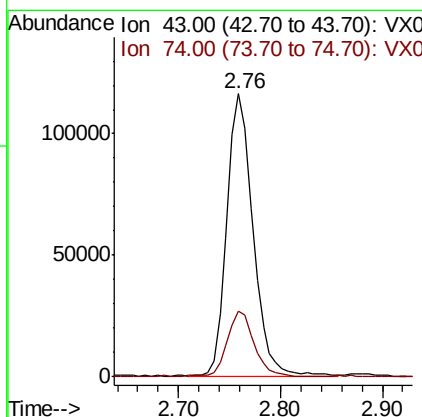
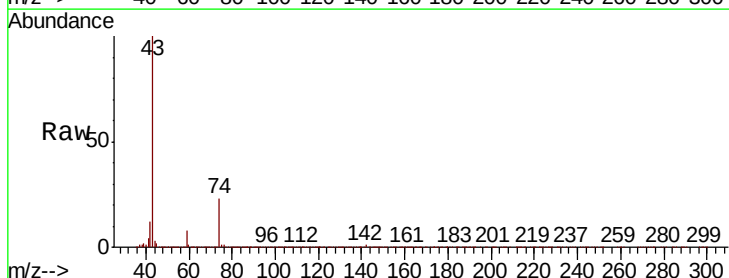
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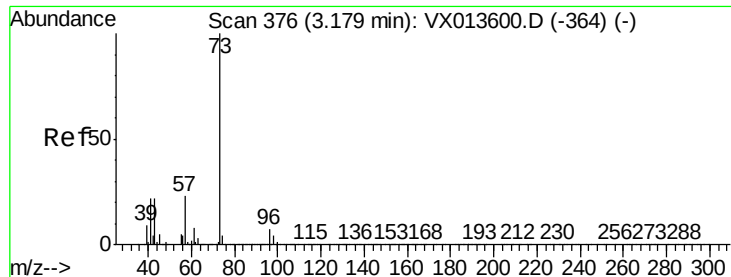
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#18
Methyl Acetate
Concen: 18.831 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.5	29.3





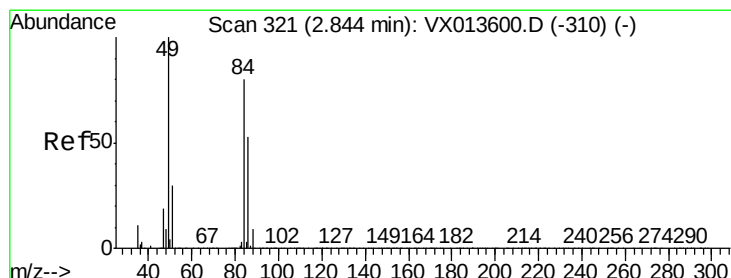
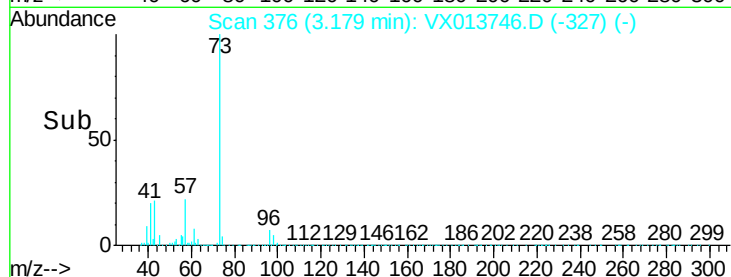
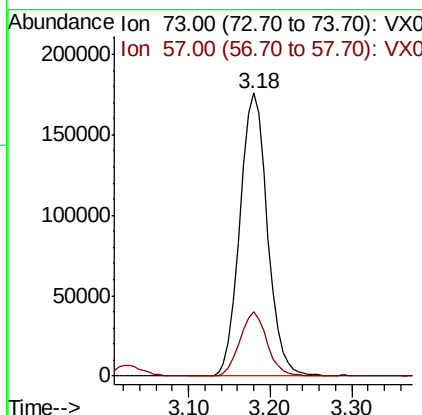
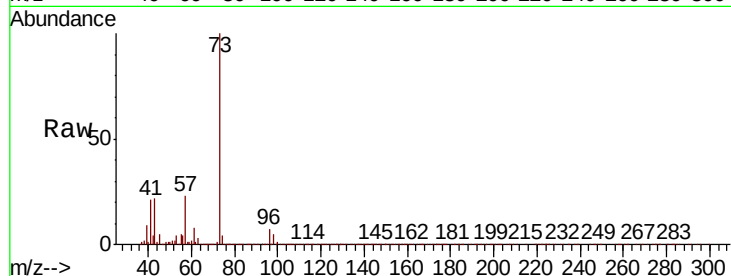
#19
Methyl tert-butyl Ether
Concen: 18.978 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.3	27.5

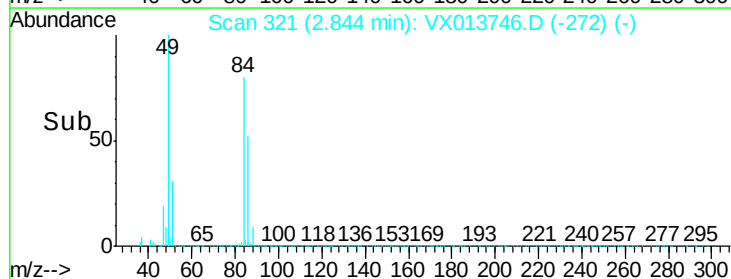
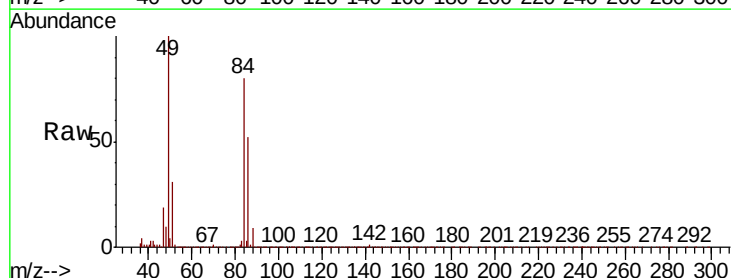
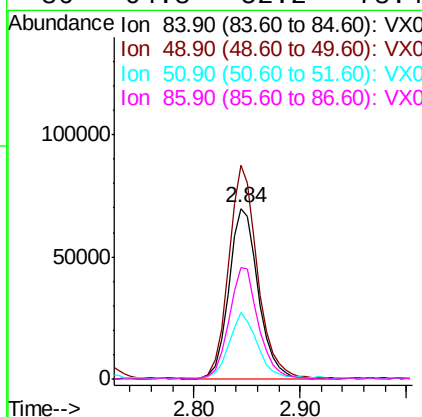
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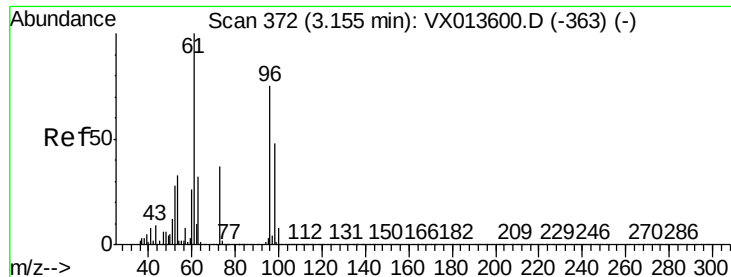
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#20
Methylene Chloride
Concen: 17.836 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.0	99.7	149.5
51	38.6	29.9	44.9
86	64.8	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 17.910 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

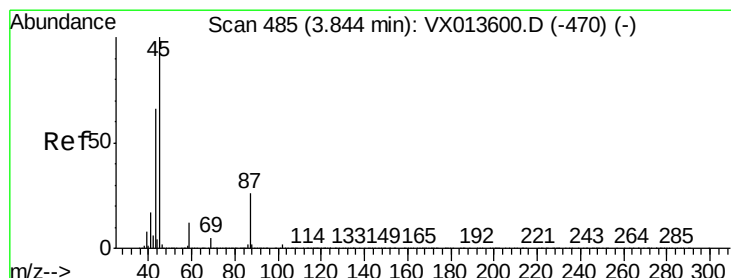
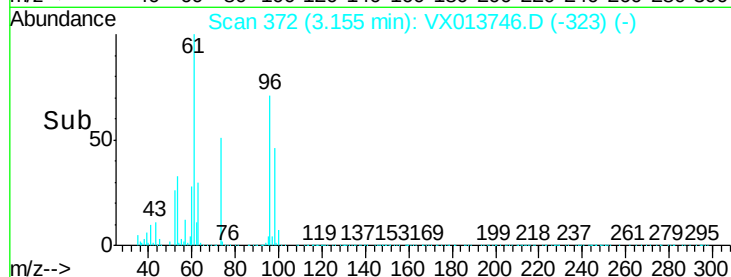
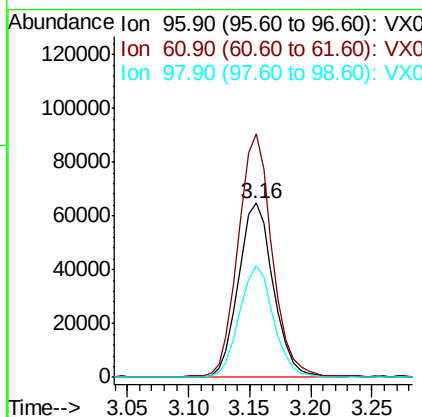
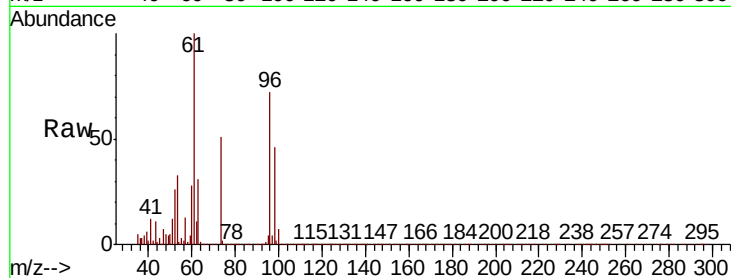
ClientSampleId :

VX1204WBS01

Tot Ion:	96	Resp:	127503
Ion	Ratio	Lower	Upper
96	100		
61	139.4	107.2	160.8
98	64.1	51.4	77.0

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#22

Diisopropyl ether

Concen: 18.655 ug/l

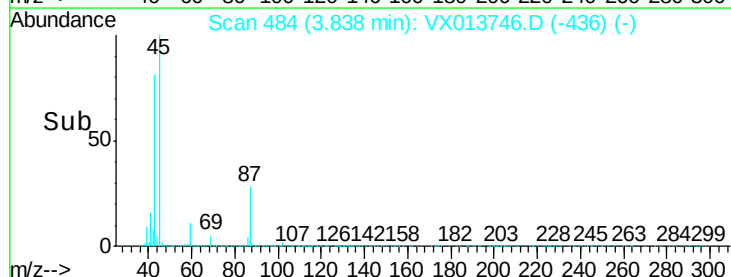
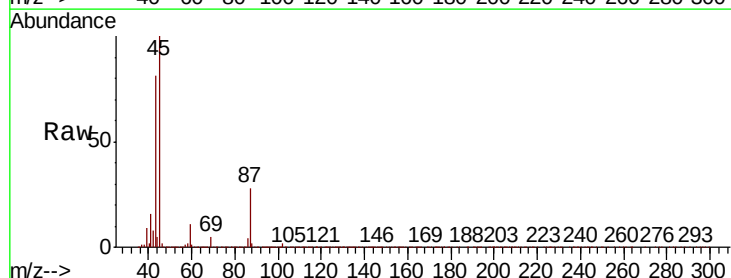
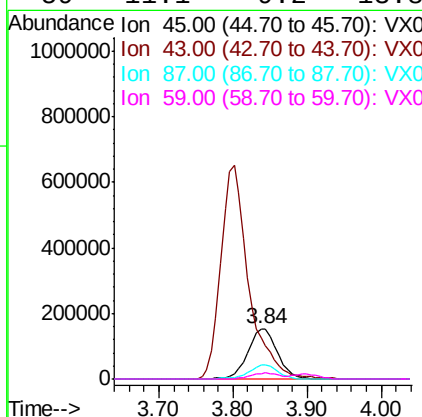
RT: 3.84 min Scan# 484

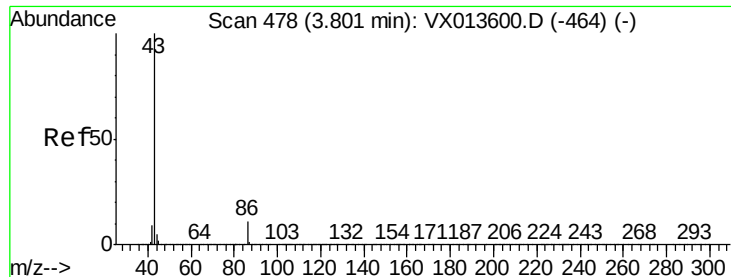
Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	45	Resp:	425990
Ion	Ratio	Lower	Upper
45	100		
43	80.9	52.6	79.0#
87	27.5	21.1	31.7
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 89.624 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

Tot Ion: 43 Resp: 1702565

Ion Ratio Lower Upper

43 100

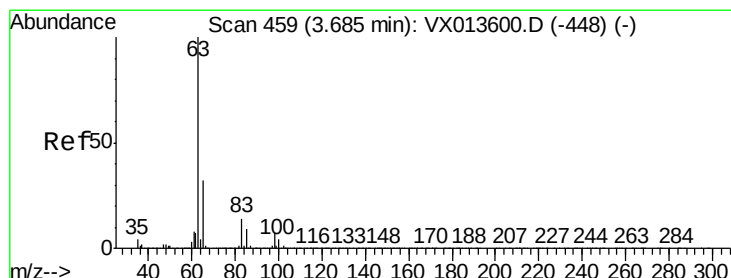
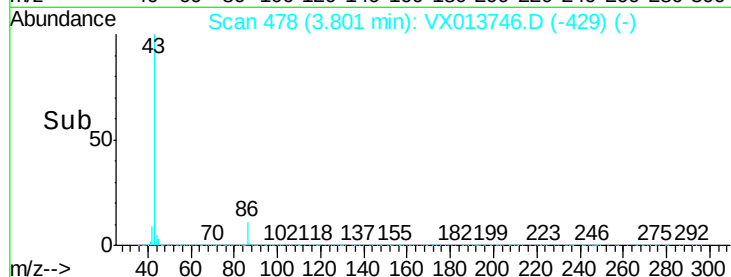
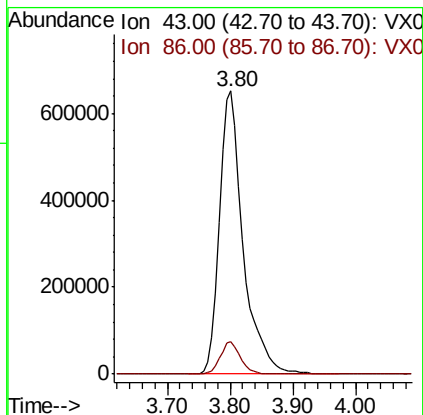
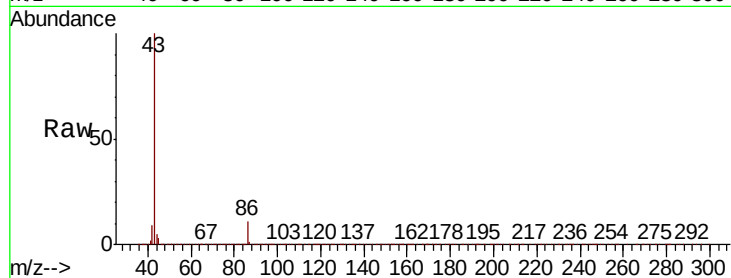
86 11.4 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 18.629 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

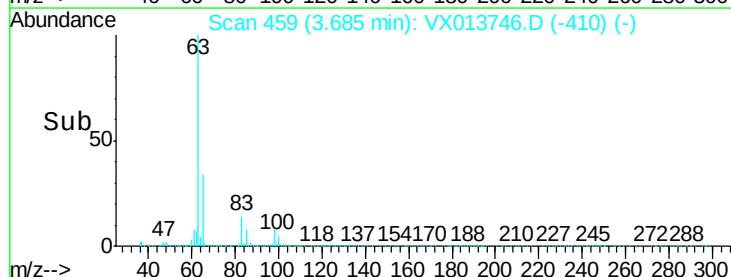
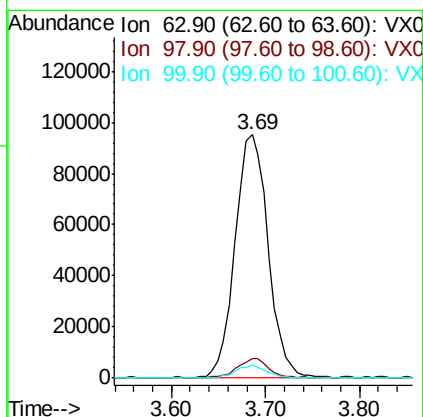
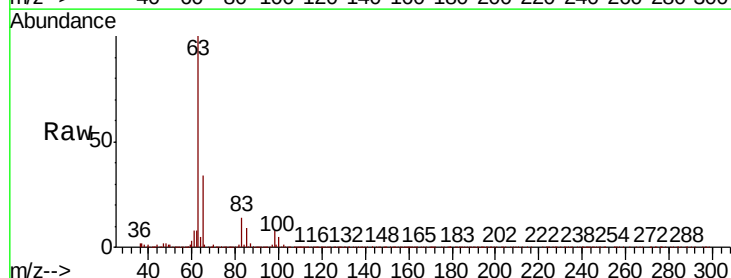
Tgt Ion: 63 Resp: 232558

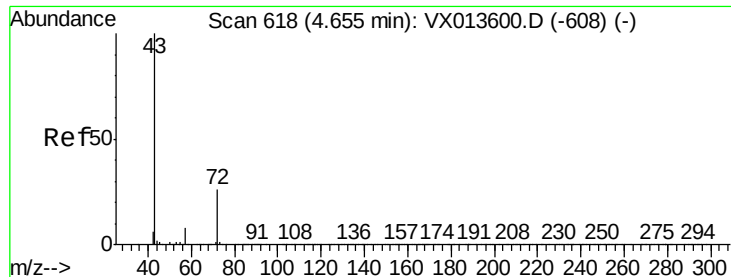
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 5.3 2.1 6.3





#25

2-Butanone

Concen: 90.943 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

Tot Ion: 43 Resp: 531889

Ion Ratio Lower Upper

43 100

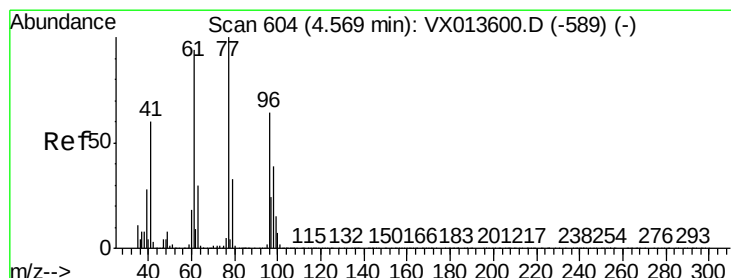
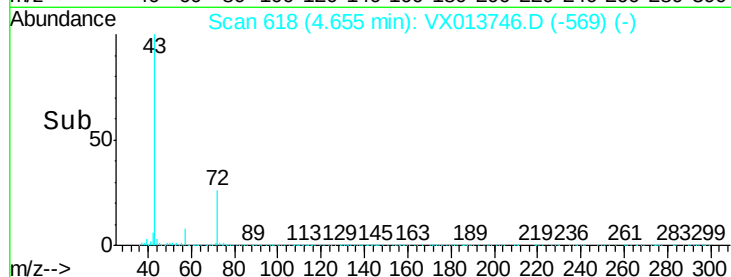
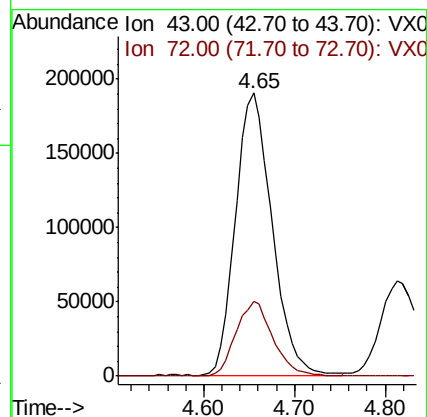
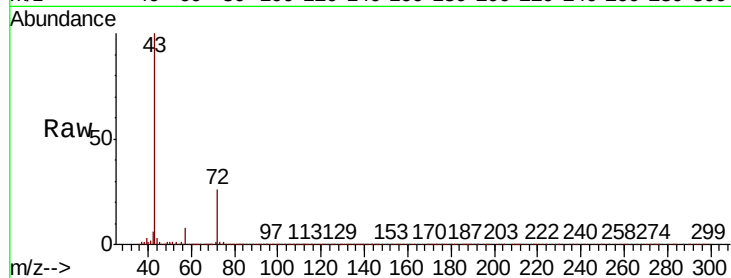
72 26.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 18.143 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013746.D

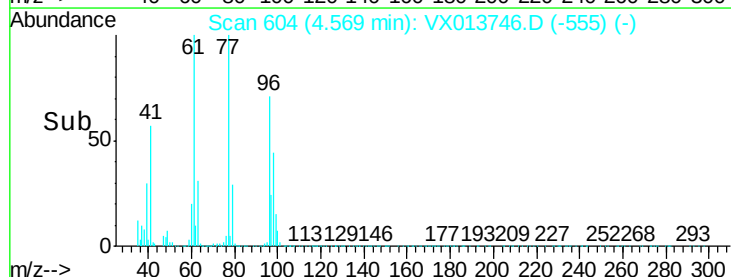
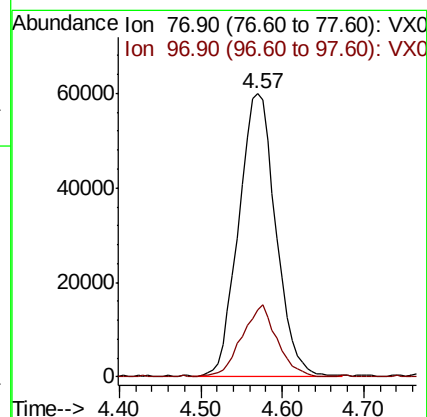
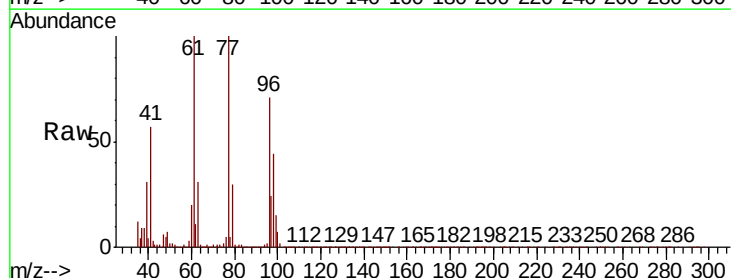
Acq: 04 Dec 2019 13:57

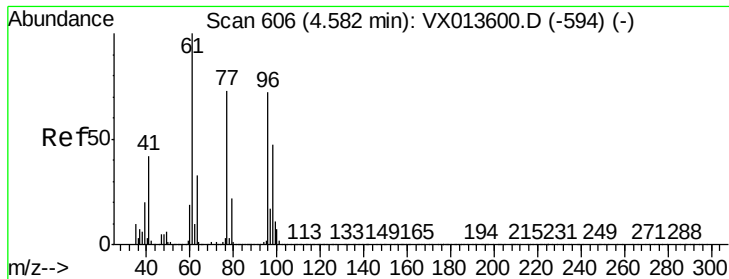
Tgt Ion: 77 Resp: 187385

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

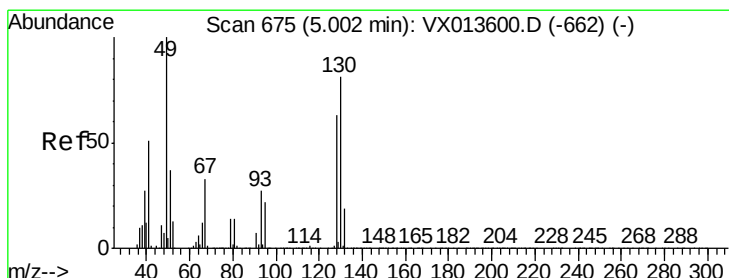
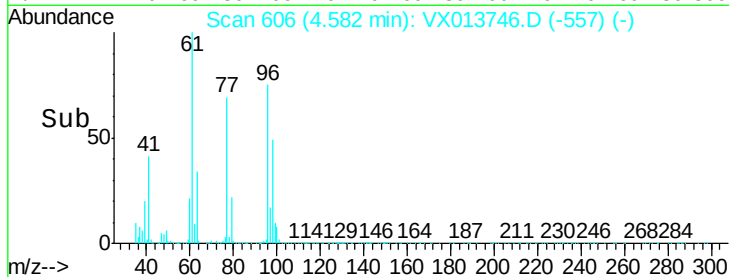
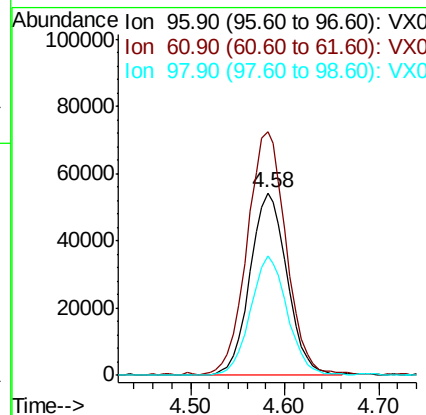
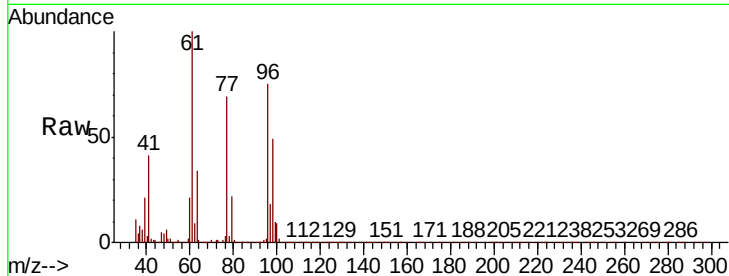
cis-1,2-Dichloroethene
Concen: 18.313 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149719		
61	139.7	0.0	286.4	
98	64.6	0.0	127.4	

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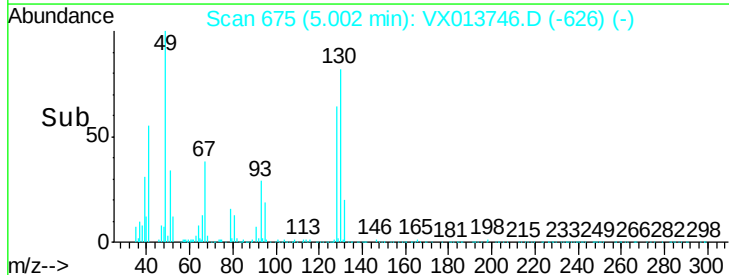
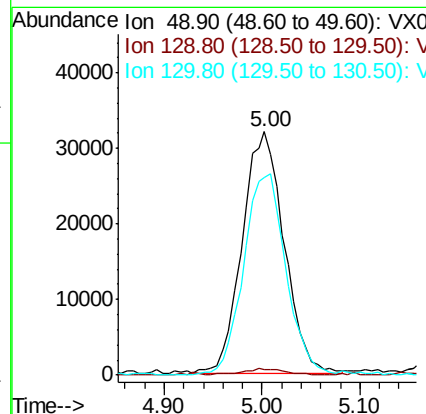
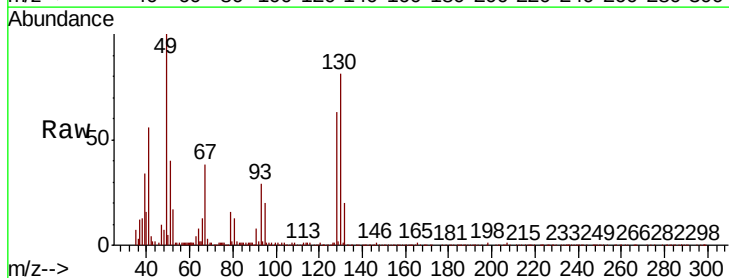
apatel
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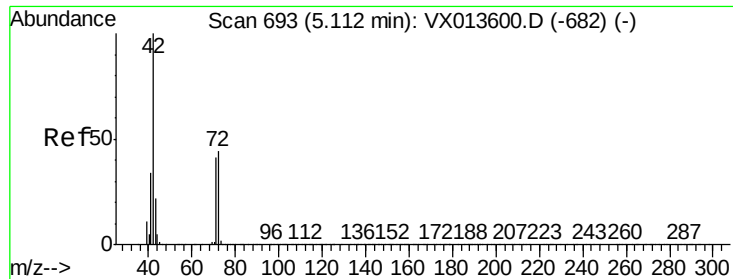


#28

Bromochloromethane
Concen: 19.298 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95236		
129	2.9	0.0	5.0	
130	84.0	65.4	98.0	





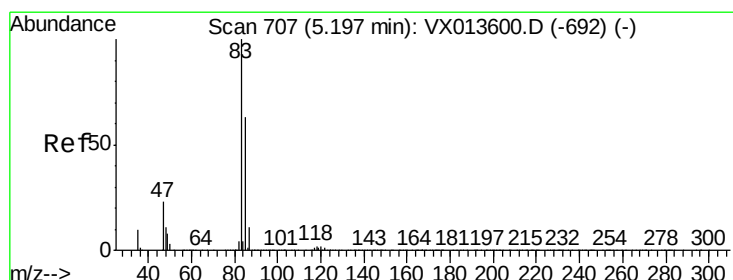
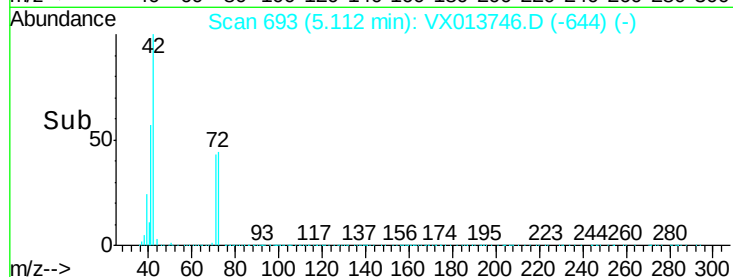
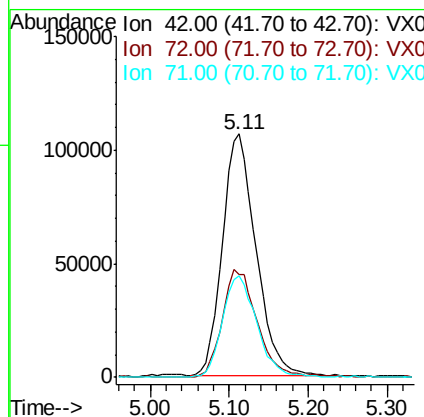
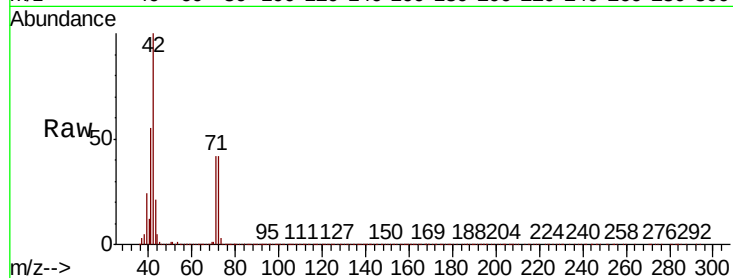
#29
Tetrahydrofuran
Concen: 87.581 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.3	54.5
71	42.5	33.2	49.8

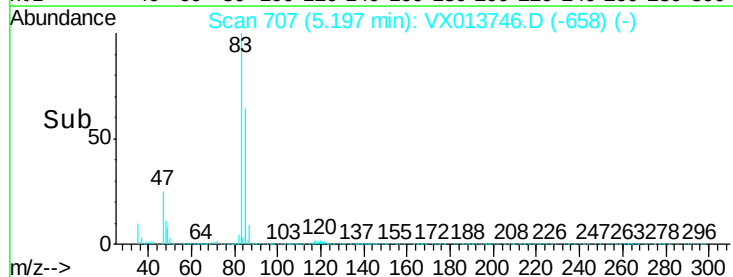
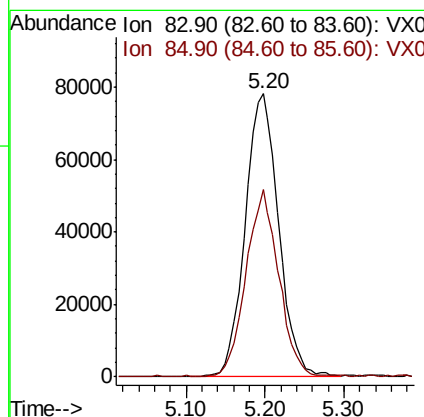
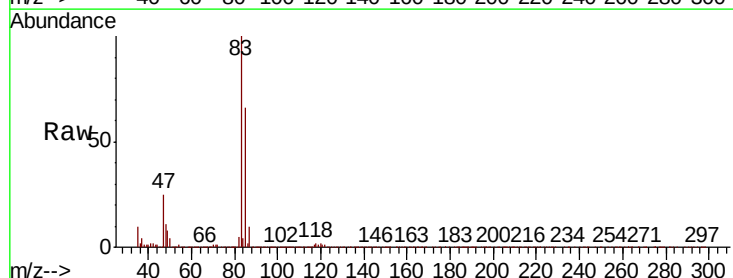
Manual Integrations
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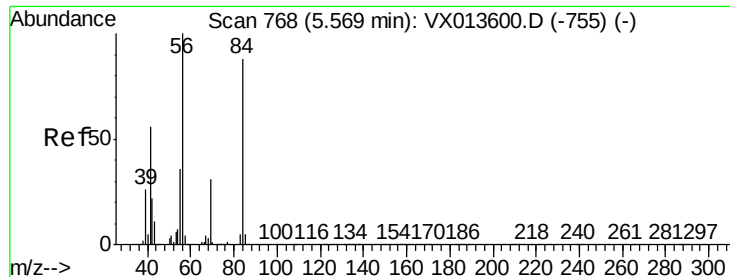
apatel
12/5/2019 11:25:10 AM



#30
Chloroform
Concen: 18.123 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.2	75.4





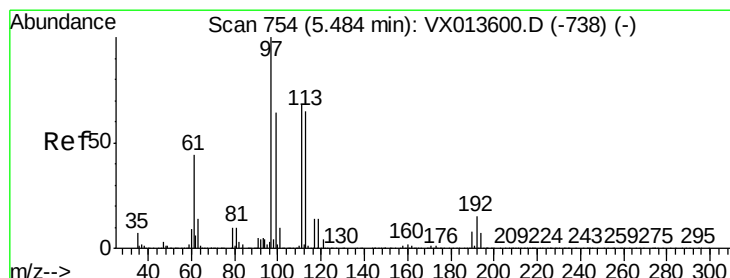
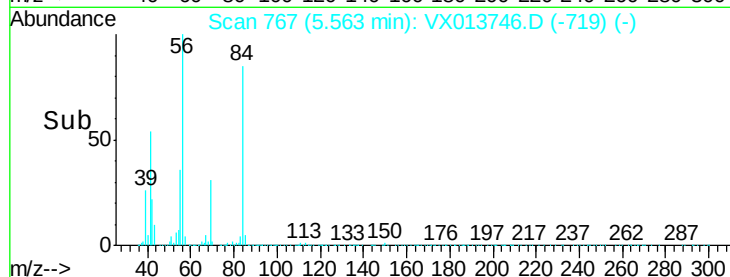
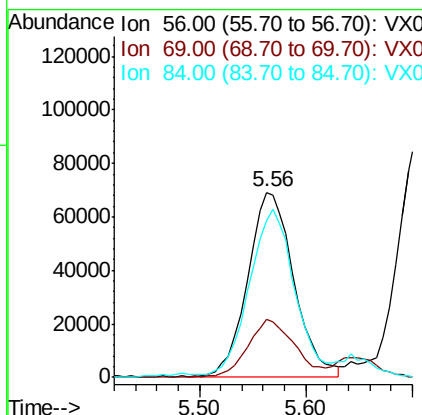
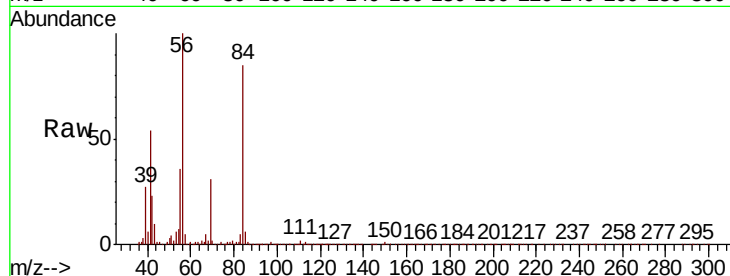
#31
Cyclohexane
Concen: 17.650 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	83.3	70.0	105.0

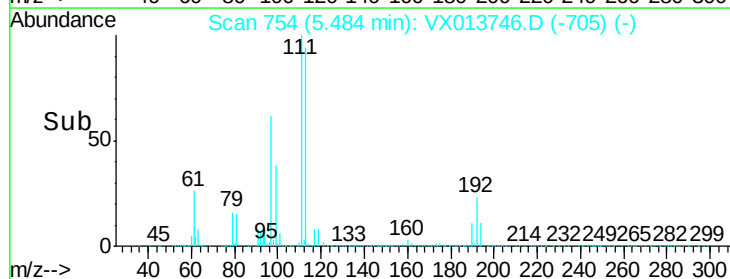
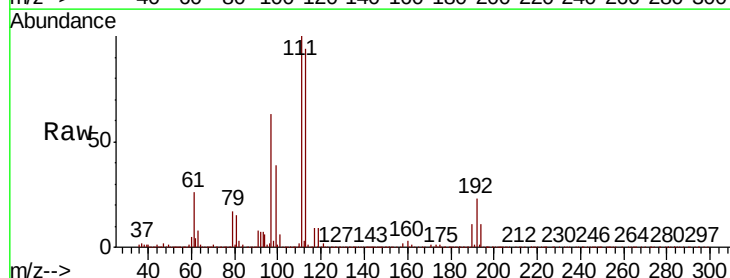
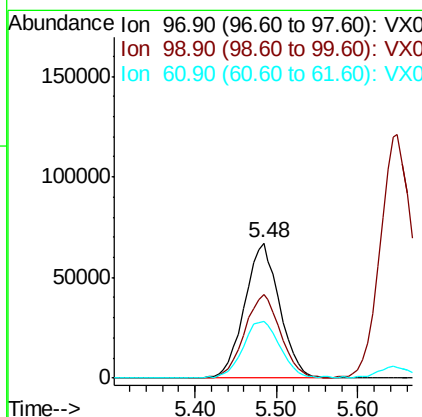
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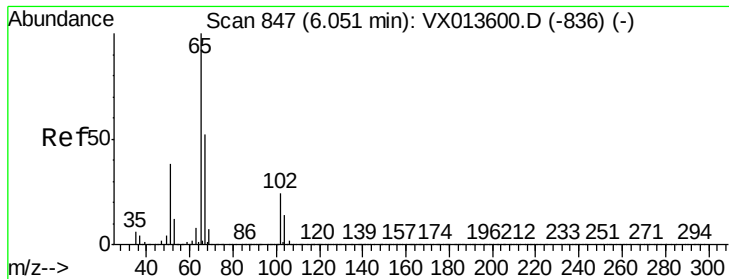
apatel
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#32
1,1,1-Trichloroethane
Concen: 18.707 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	45.2	36.1	54.1





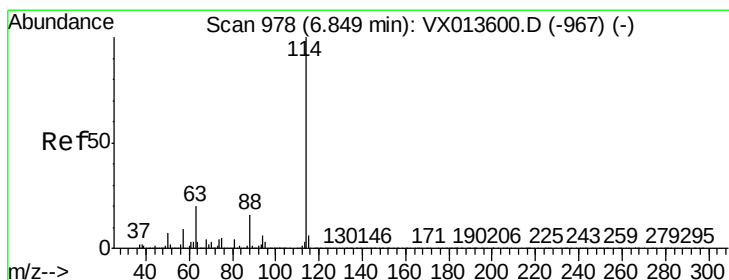
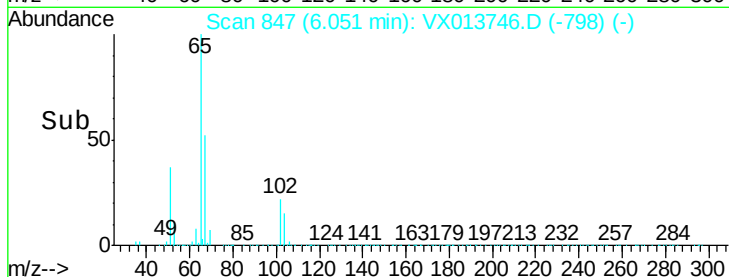
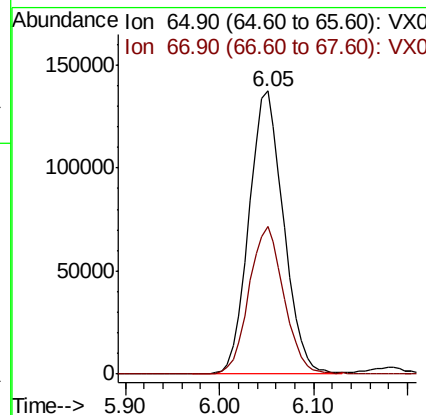
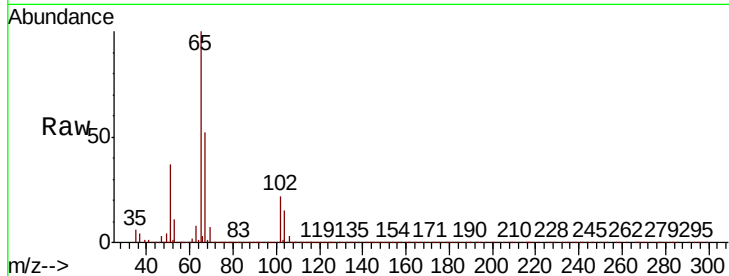
#33
 1,2-Dichloroethane-d4
 Concen: 44.181 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	352161		
67	53.2	0.0	104.4	

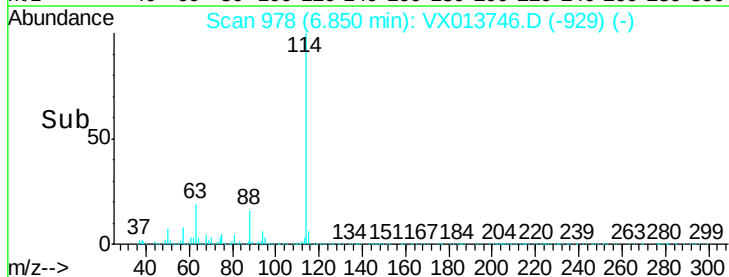
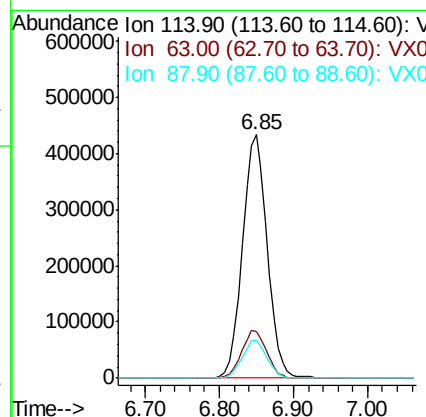
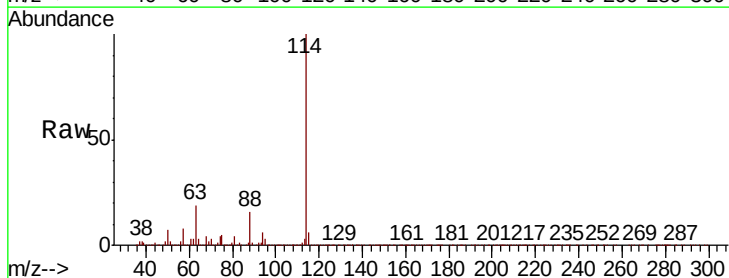
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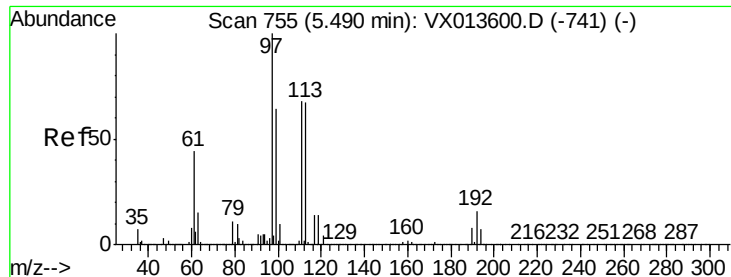
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1008677		
63	18.9	0.0	39.6	
88	15.5	0.0	31.4	





#35

Dibromofluoromethane

Concen: 47.474 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

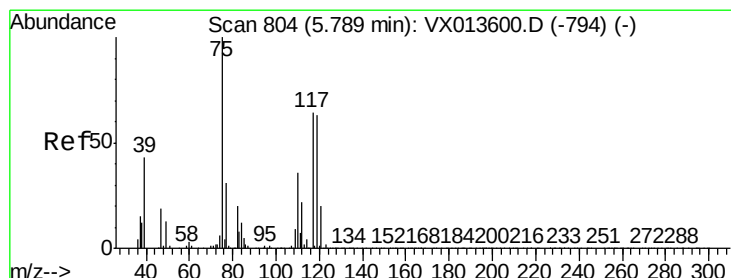
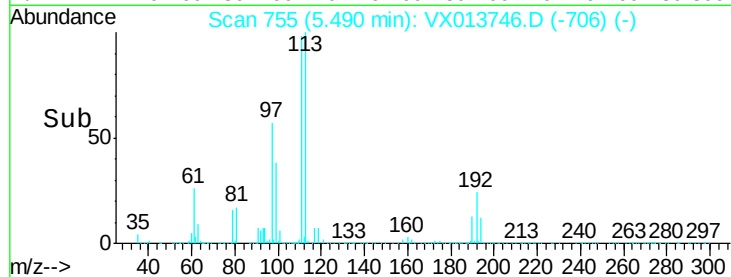
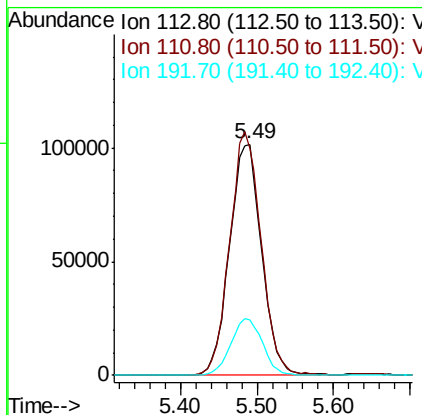
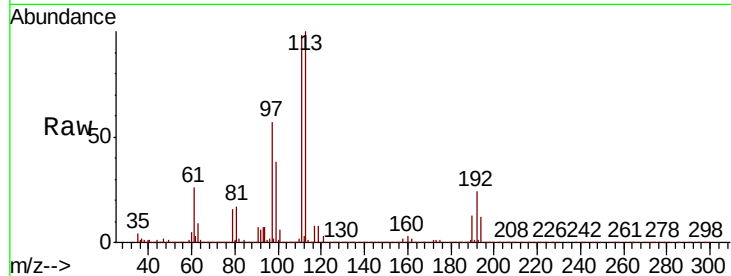
ClientSampleId :

VX1204WBS01

Tot Ion:	113	Resp:	296034
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.6	125.4
192	24.1	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.858 ug/l

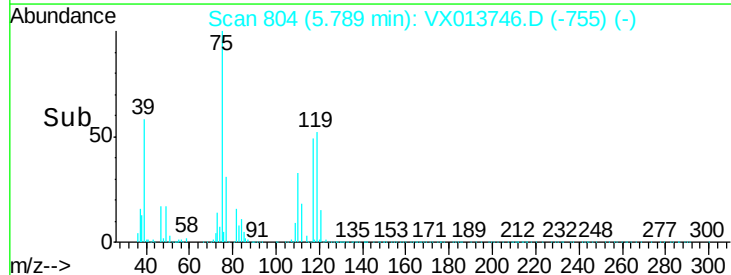
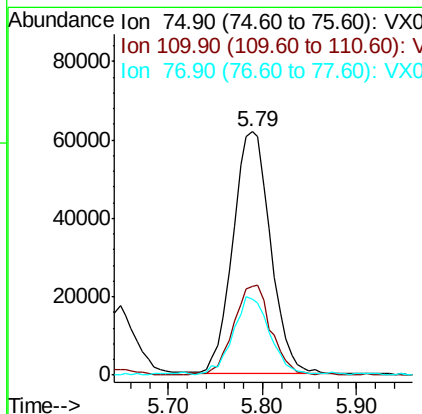
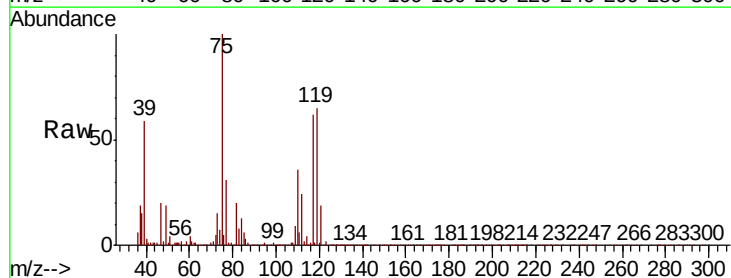
RT: 5.79 min Scan# 804

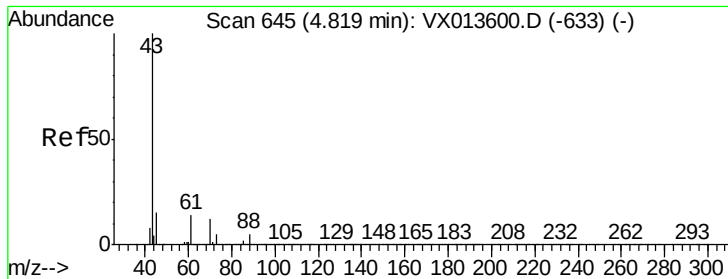
Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	75	Resp:	172668
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.1	54.1
77	30.9	24.5	36.7





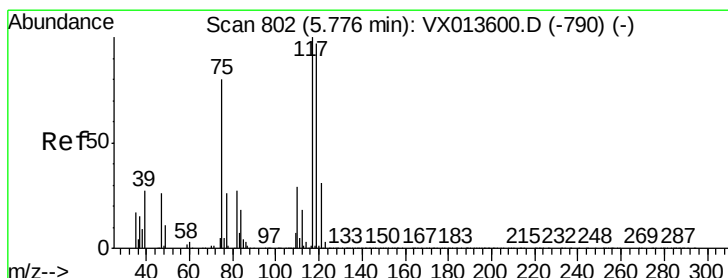
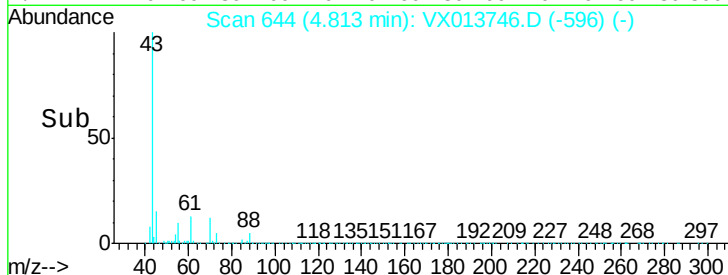
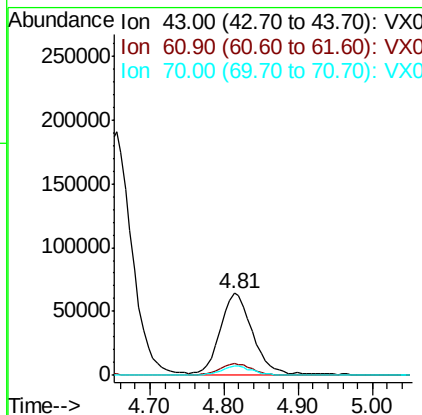
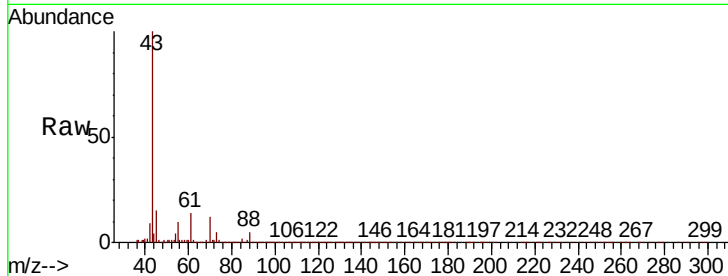
#37
Ethyl Acetate
Concen: 18.645 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	43	Resp	191520
Ion Ratio	Lower	Upper	
43	100		
61	13.8	11.0	16.4
70	11.2	8.6	12.8

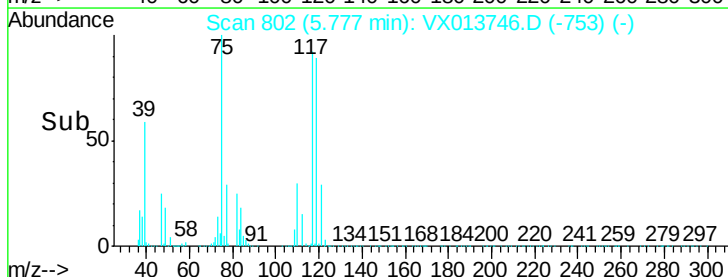
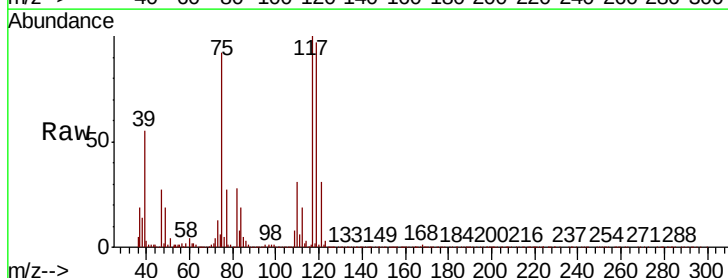
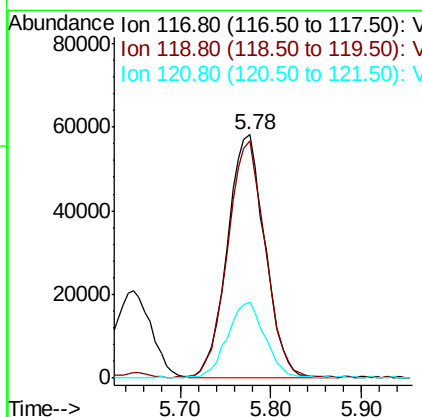
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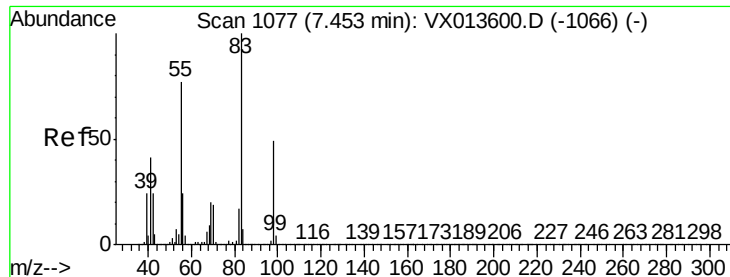
apatel
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#38
Carbon Tetrachloride
Concen: 19.676 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	117	Resp	166126
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.5	116.3
121	30.6	25.0	37.6





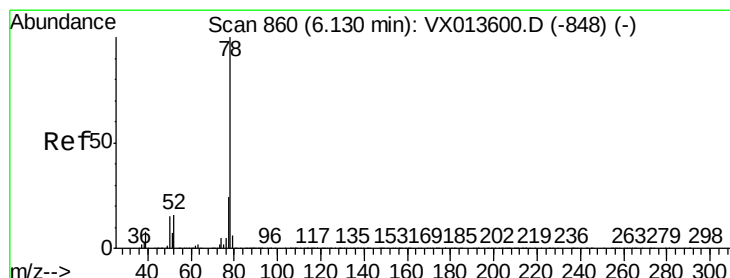
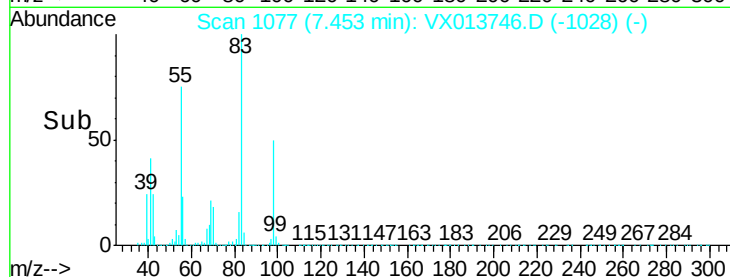
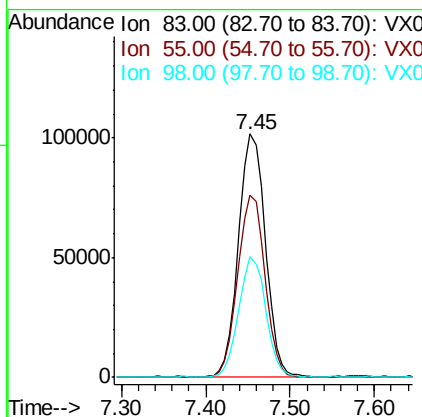
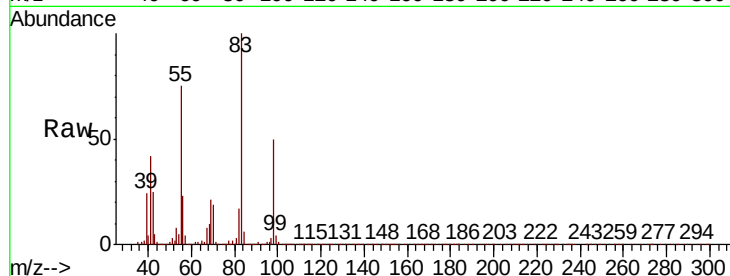
#39
Methylvlcyclohexane
Concen: 19.344 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.9	92.9
98	49.7	39.4	59.0

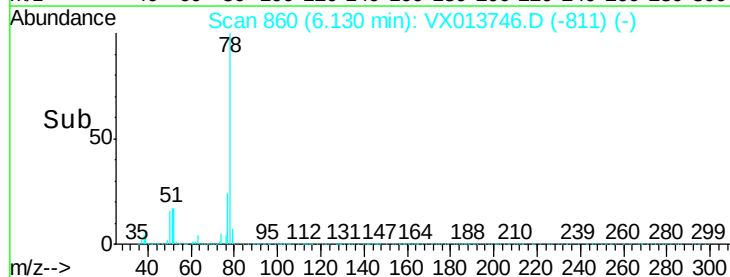
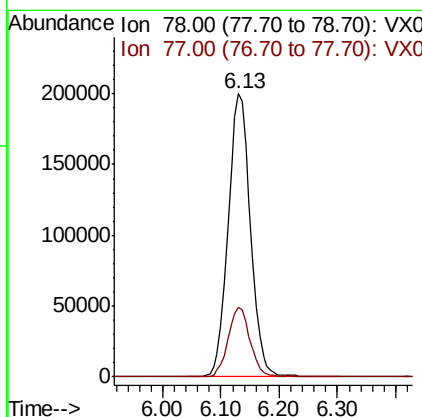
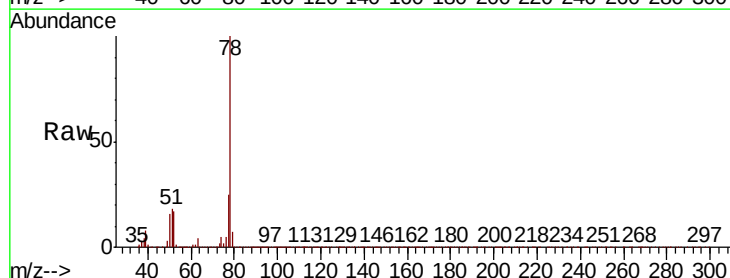
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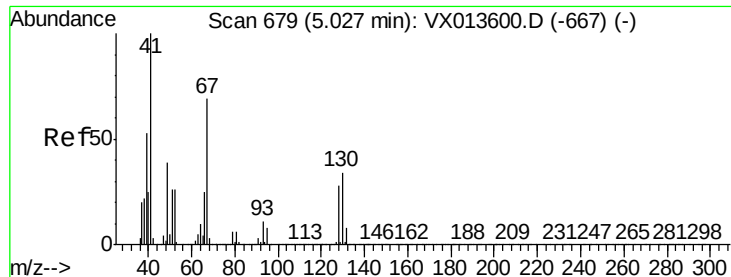
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#40
Benzene
Concen: 19.037 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





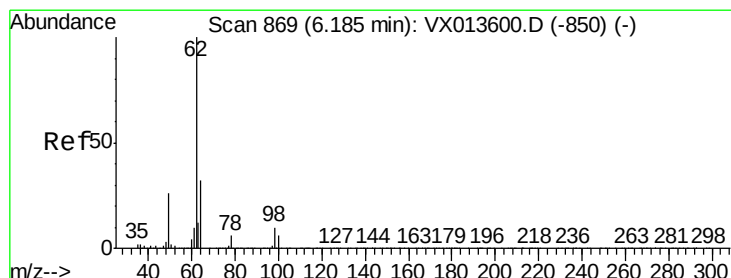
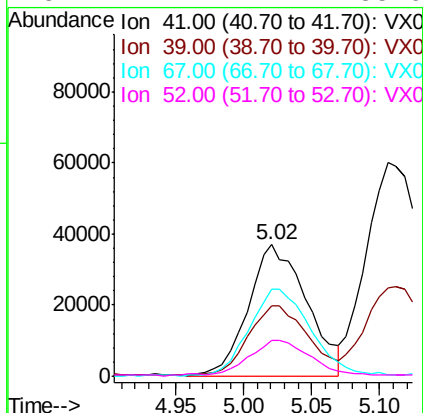
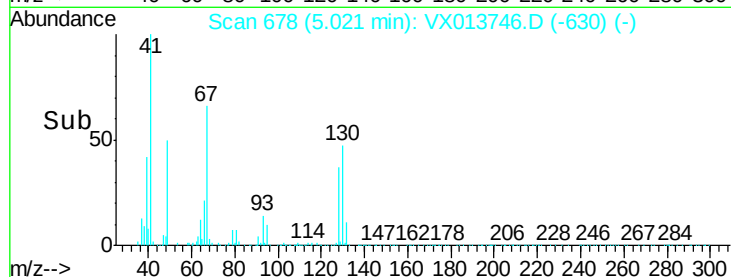
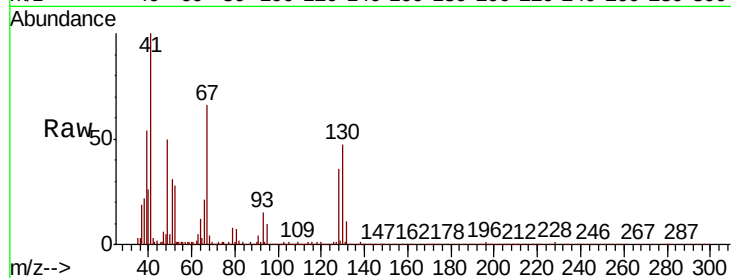
#41
Methacrylonitrile
Concen: 19.842 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.3	42.9	64.3		
67	67.9	57.4	86.0		
52	27.7	22.4	33.6		

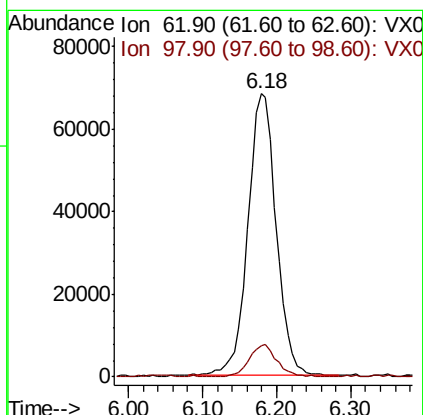
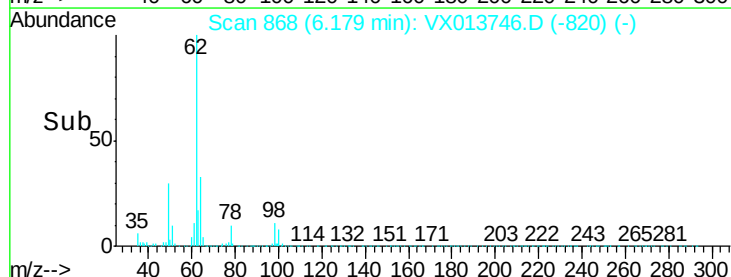
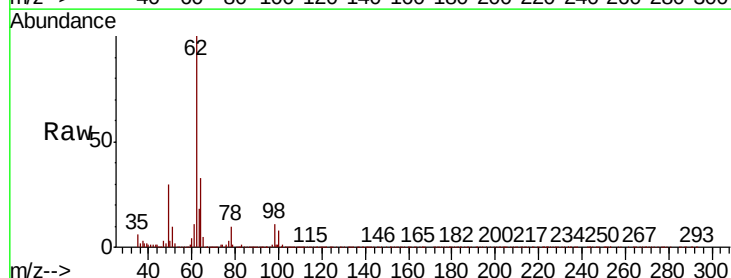
Manual Integrations
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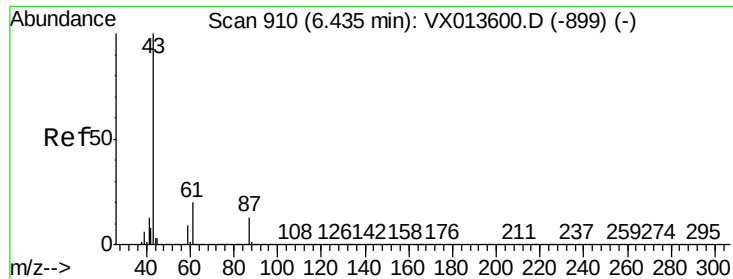
apatel
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#42
1,2-Dichloroethane
Concen: 19.253 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.7	0.0	20.8		





#43

Isopropyl Acetate

Concen: 18.719 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

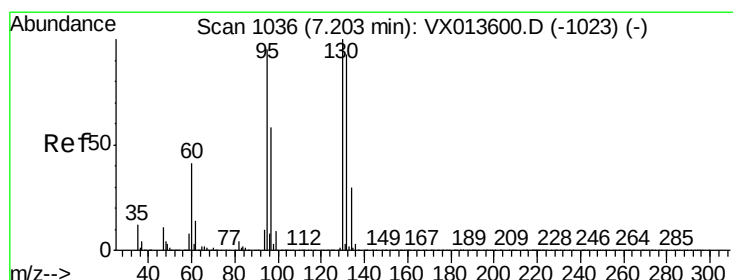
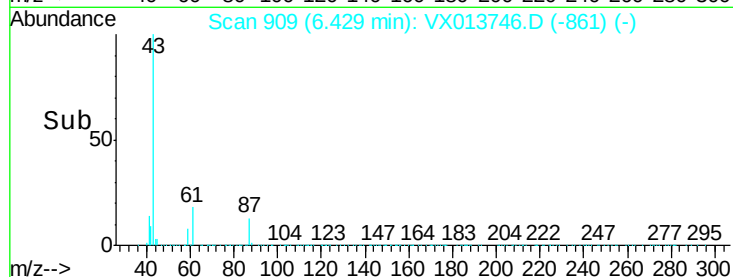
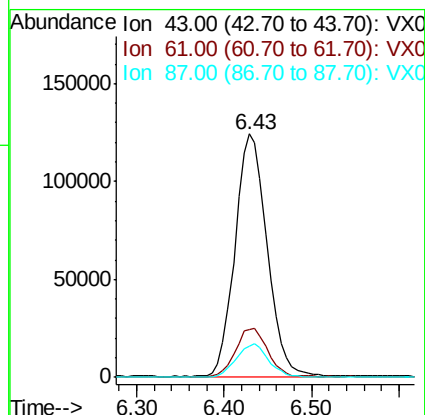
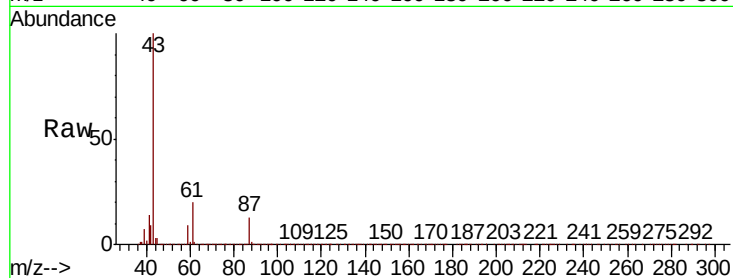
ClientSampleId :

VX1204WBS01

Tot Ion:	43	Resp:	316549
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.5	10.8	16.2

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#44

Trichloroethene

Concen: 19.206 ug/l

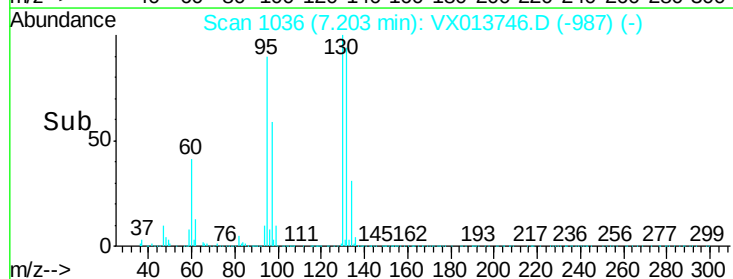
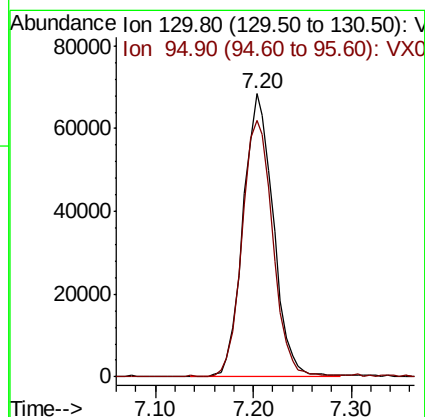
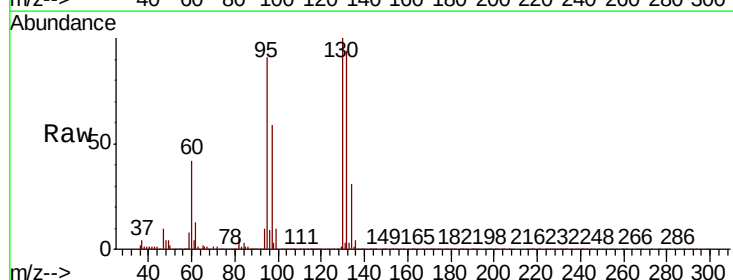
RT: 7.20 min Scan# 1036

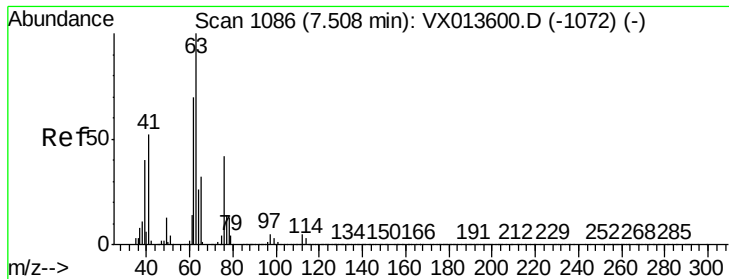
Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	130	Resp:	146990
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	190.8





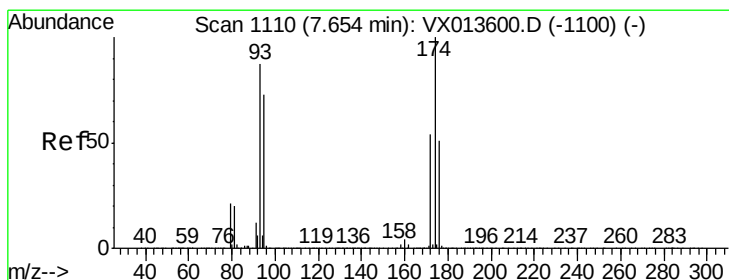
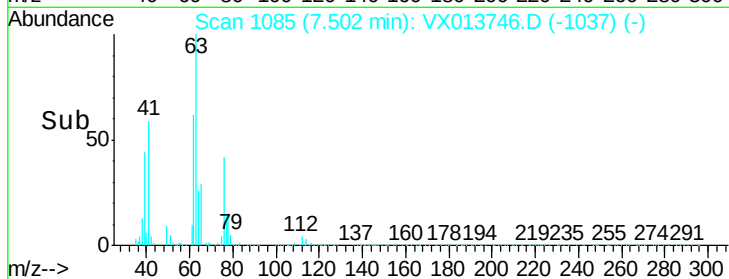
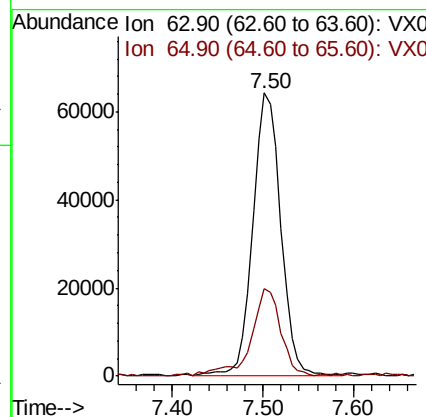
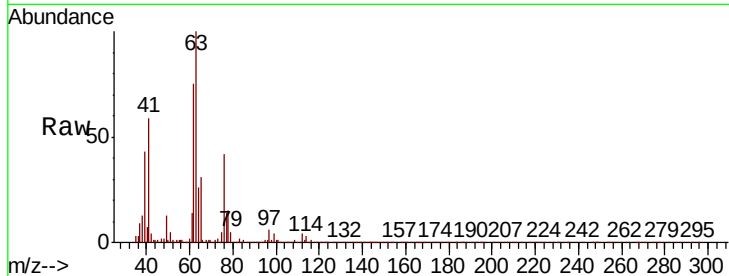
#45
 1,2-Dichloropropane
 Concen: 19.443 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.5	38.3

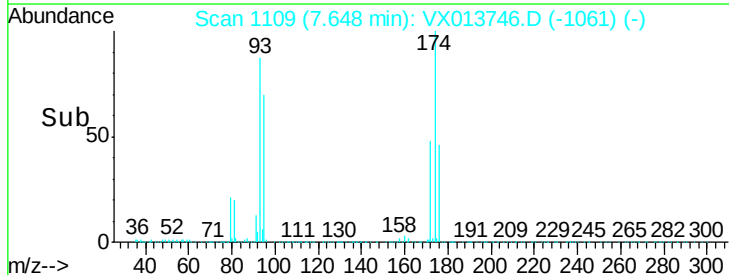
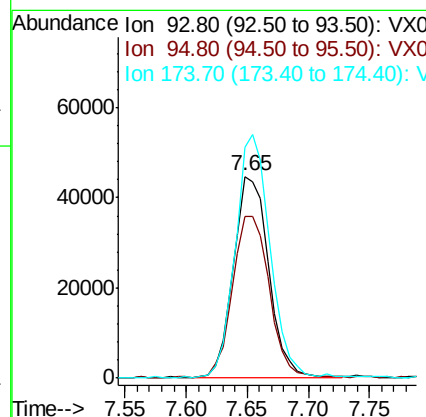
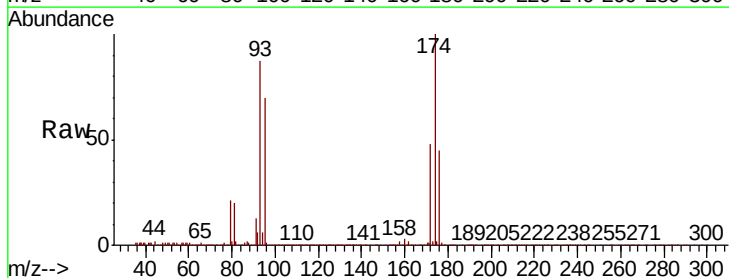
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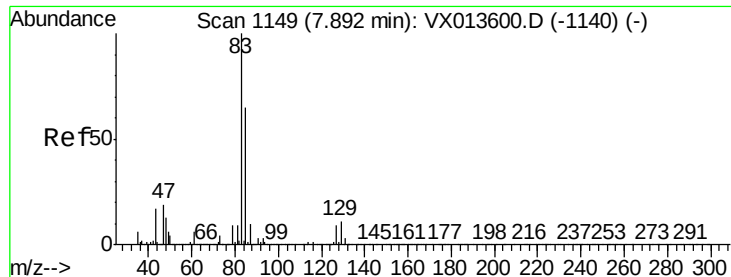
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#46
 Dibromomethane
 Concen: 18.984 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.2	99.2
174	118.5	93.4	140.0





#47

Bromodichloromethane

Concen: 19.929 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

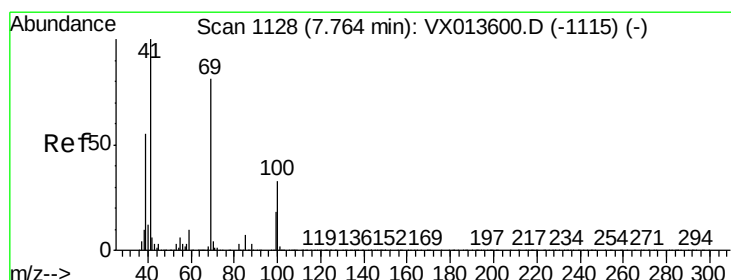
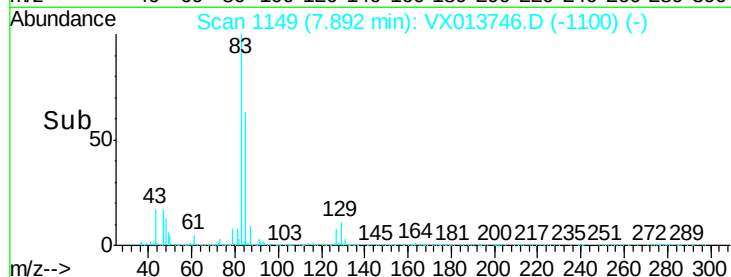
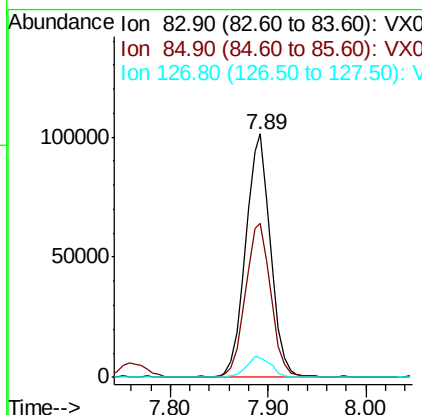
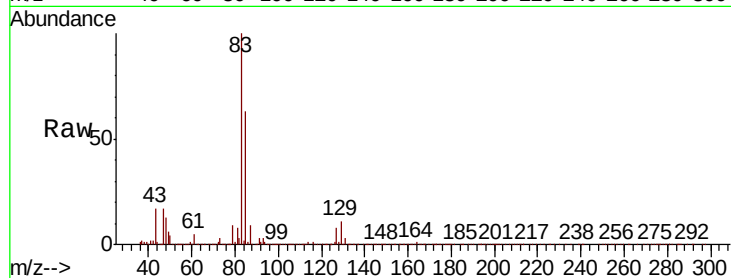
ClientSampled :

VX1204WBS01

Tot Ion:	83	Resp:	178530
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.1	78.1
127	7.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.143 ug/l

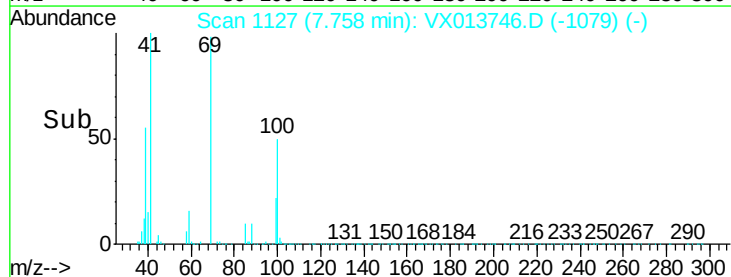
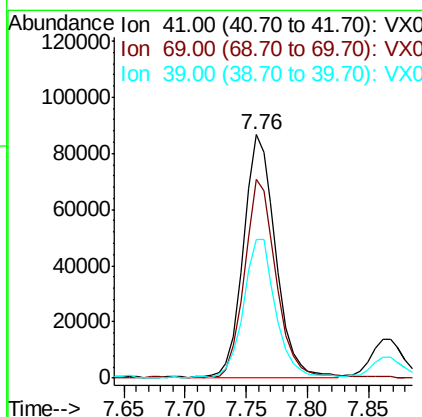
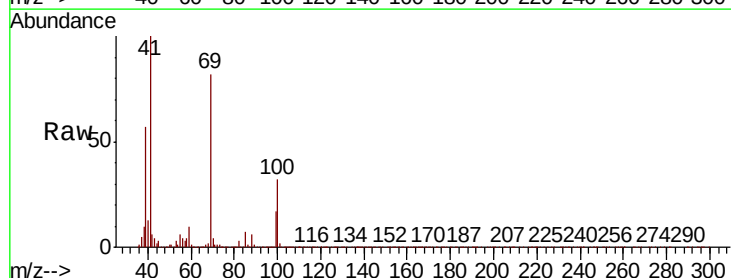
RT: 7.76 min Scan# 1127

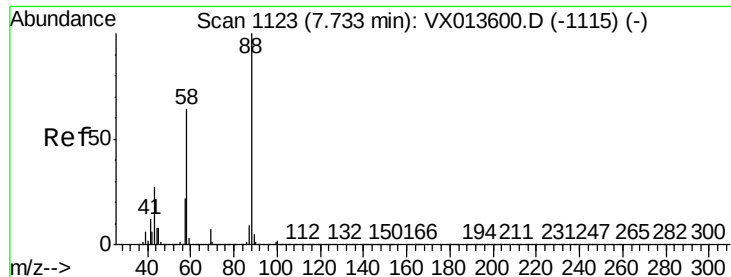
Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	41	Resp:	157287
Ion Ratio	Lower	Upper	
41	100		
69	81.4	64.7	97.1
39	56.9	43.8	65.6





#49

1,4-Dioxane

Concen: 345.555 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

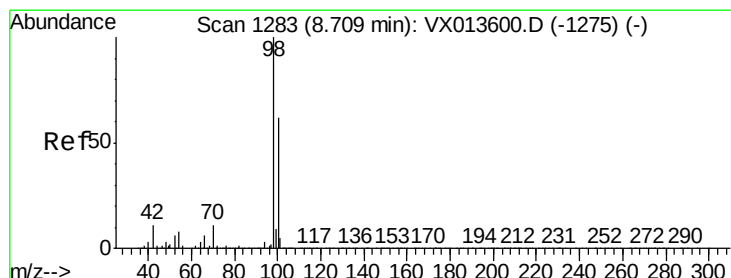
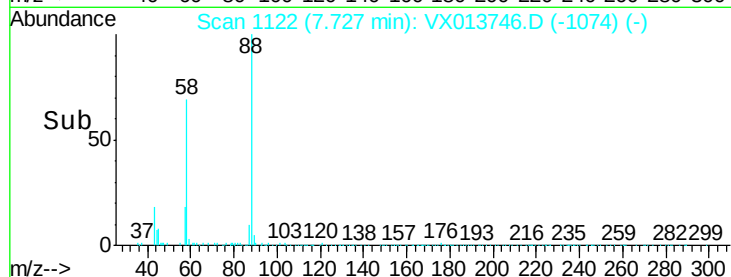
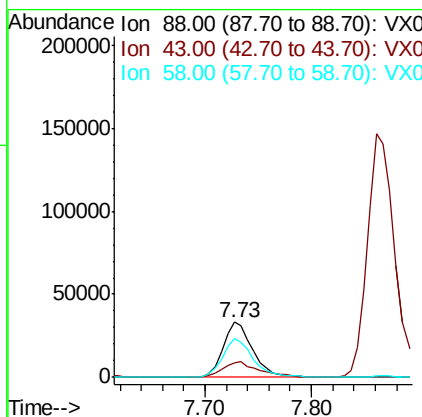
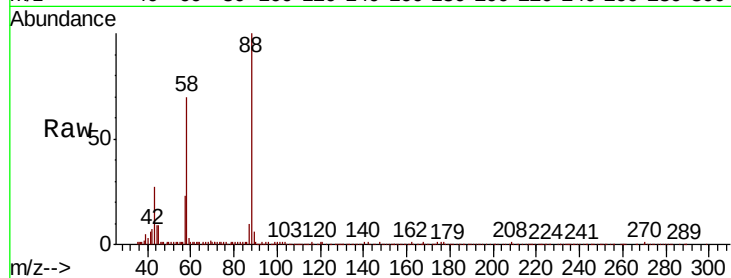
ClientSampleId :

VX1204WBS01

Tot Ion:	88	Resp:	63554
Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.8	38.6
58	71.9	54.6	82.0

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#50

Toluene-d8

Concen: 46.471 ug/l

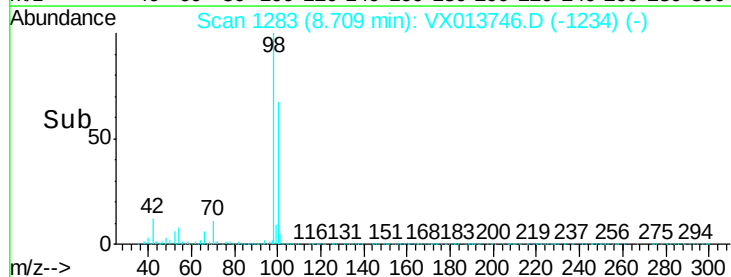
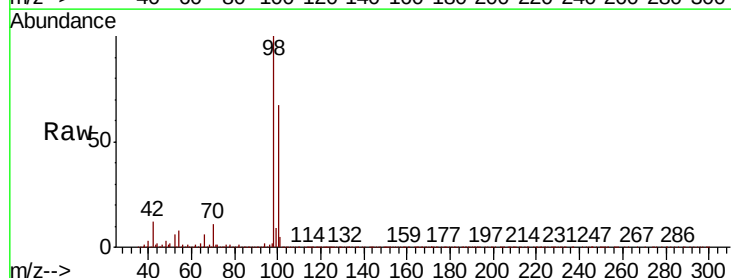
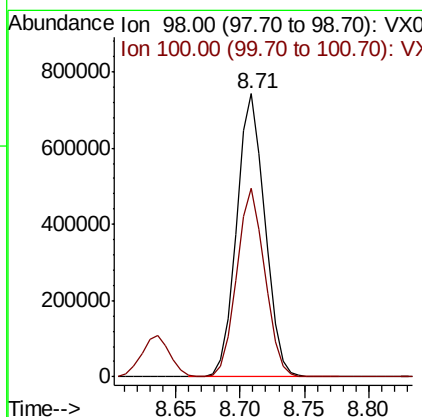
RT: 8.71 min Scan# 1283

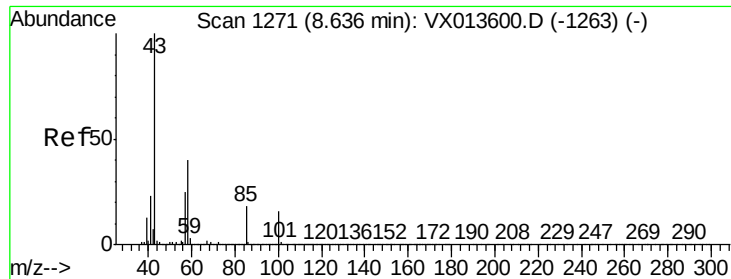
Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	98	Resp:	1129018
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





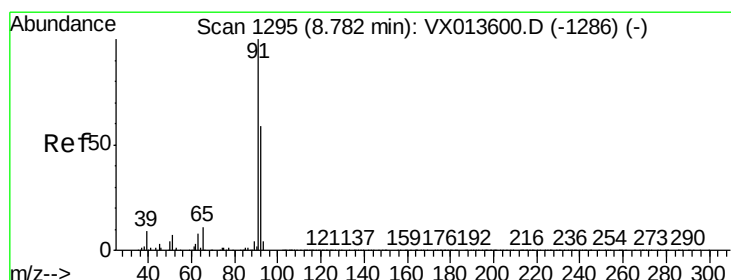
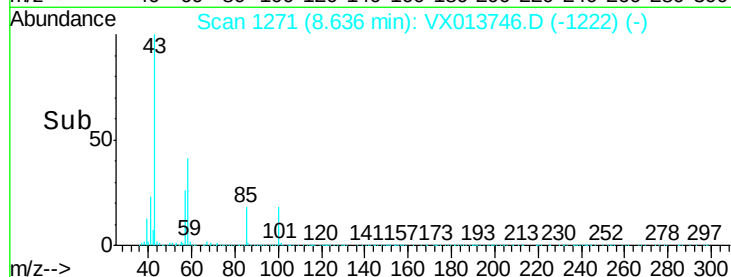
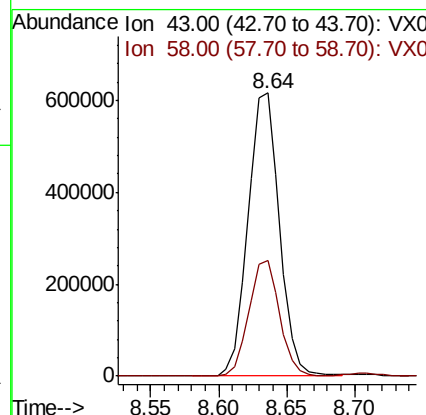
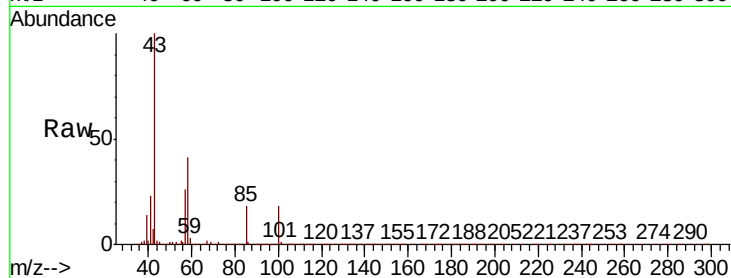
#51
4-Methyl-2-Pentanone
Concen: 93.674 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.1	48.1

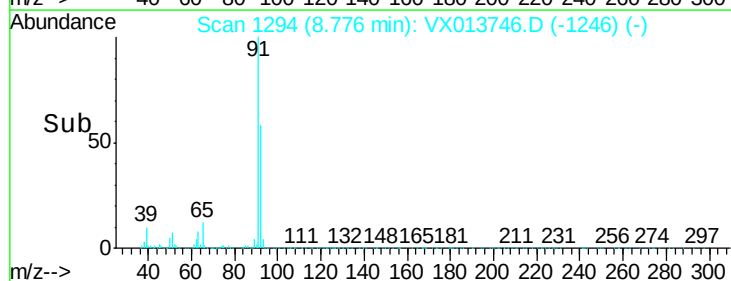
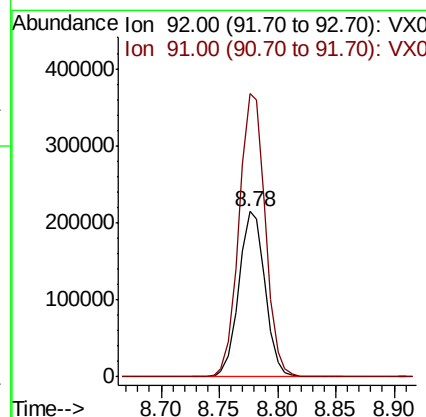
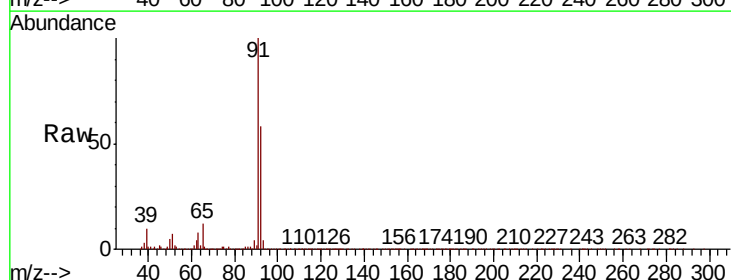
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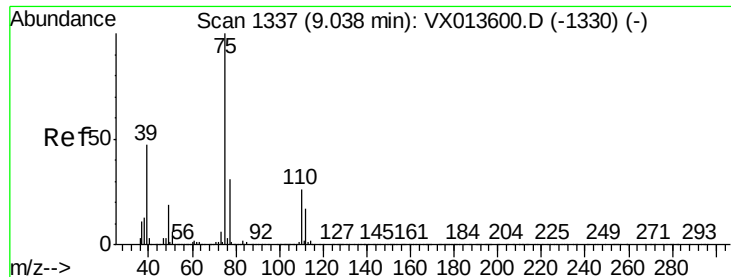
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#52
Toluene
Concen: 19.407 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.4	136.2	204.2





#53

t-1,3-Dichloropropene

Concen: 18.631 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

Tot Ion: 75 Resp: 189982

Ion Ratio Lower Upper

75 100

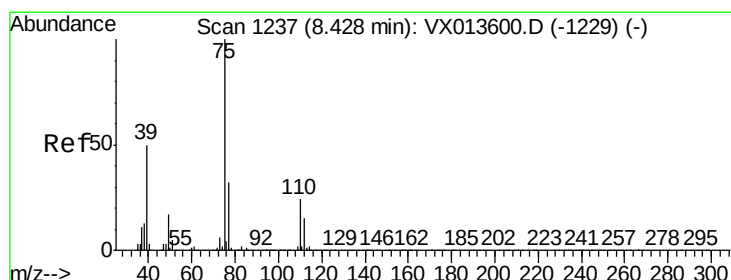
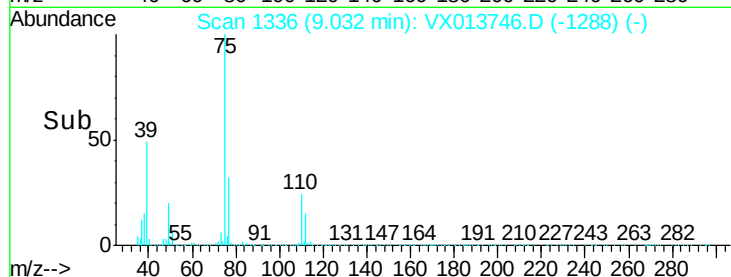
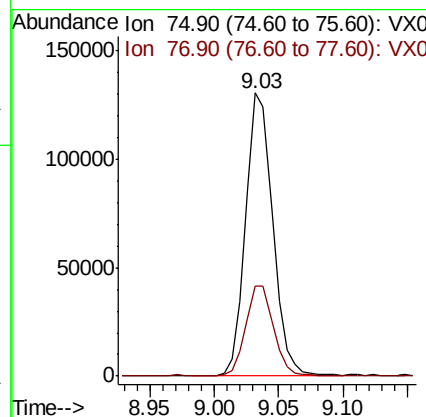
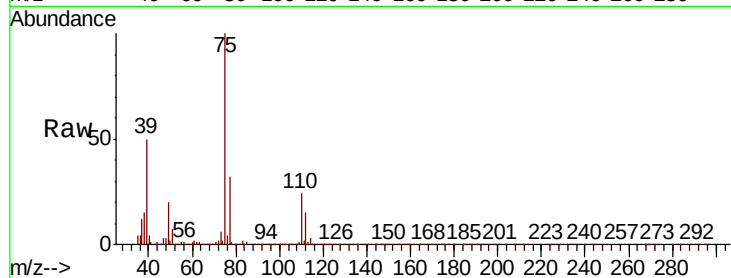
77 31.7 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 19.462 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

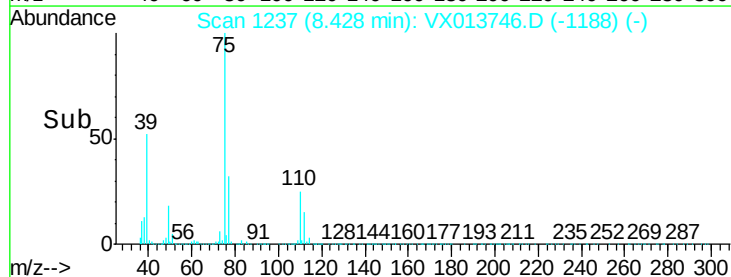
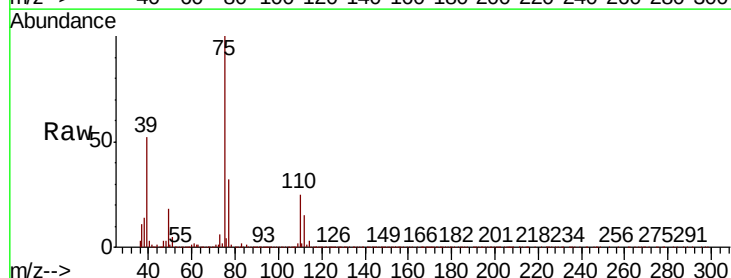
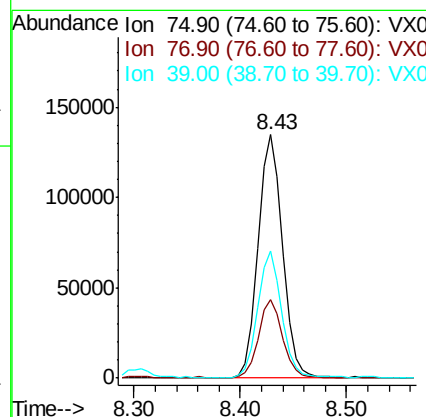
Tgt Ion: 75 Resp: 216811

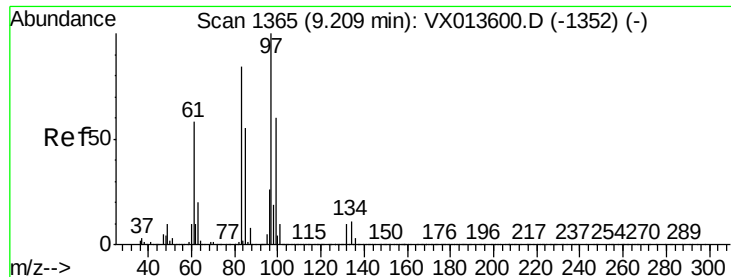
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 51.7 39.9 59.9





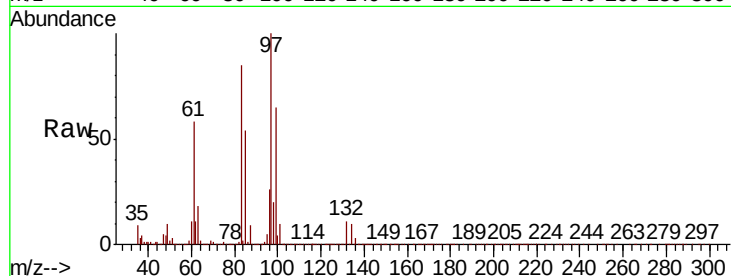
#55
 1,1,2-Trichloroethane
 Concen: 19.381 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

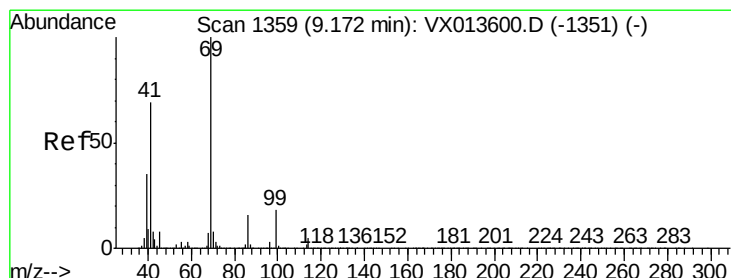
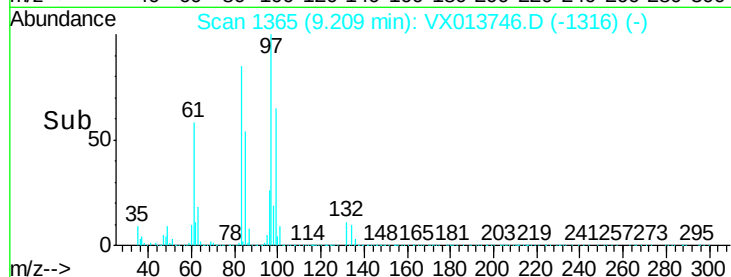
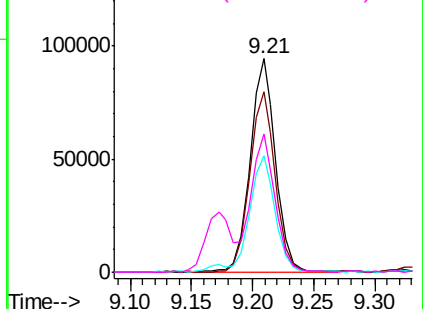
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		135306		
83	84.4	67.3	100.9		
85	54.3	43.6	65.4		
99	64.4	48.2	72.4		

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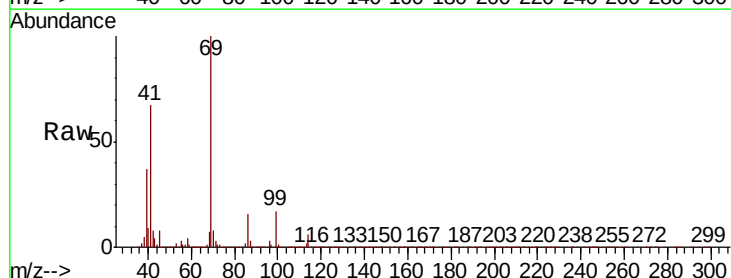


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

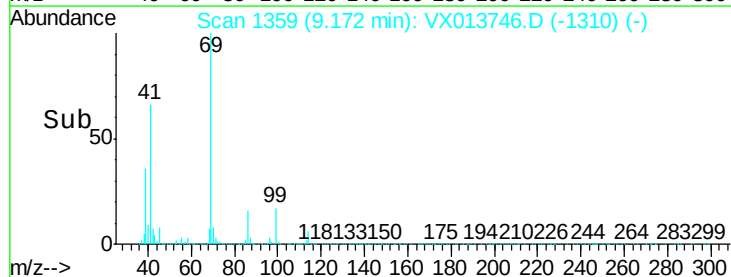
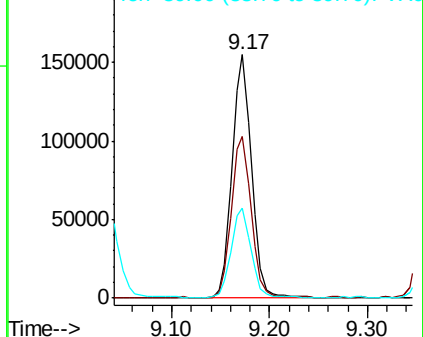


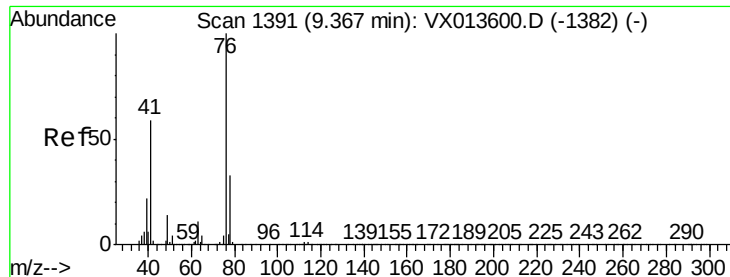
#56
 Ethyl methacrylate
 Concen: 19.081 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		214176		
41	67.5	55.0	82.4		
39	36.7	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





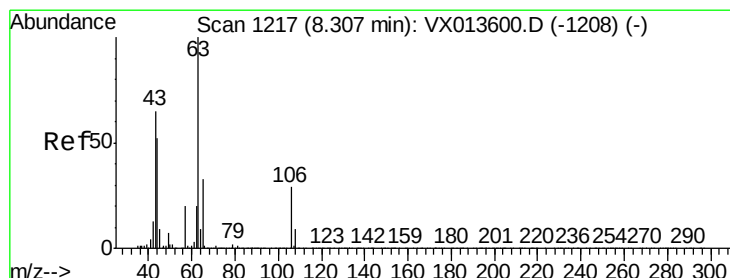
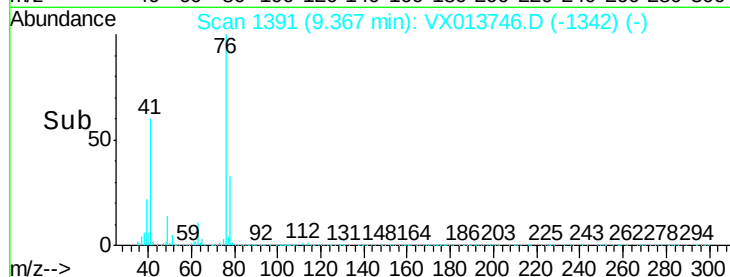
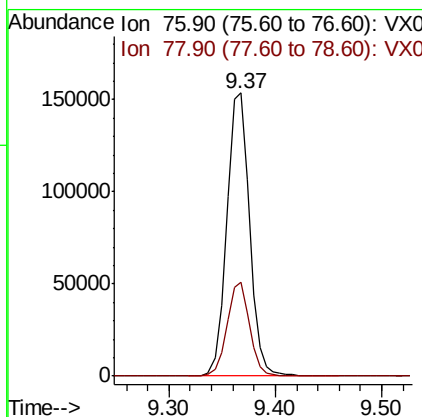
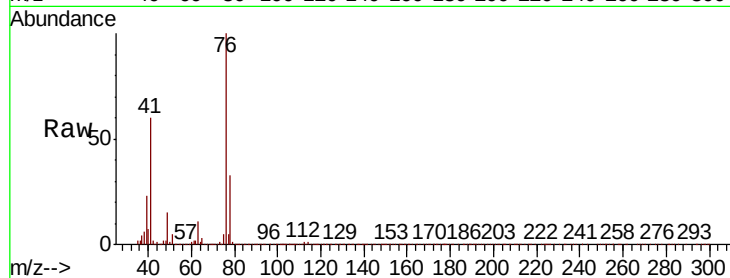
#57
 1,3-Dichloropropane
 Concen: 19.109 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

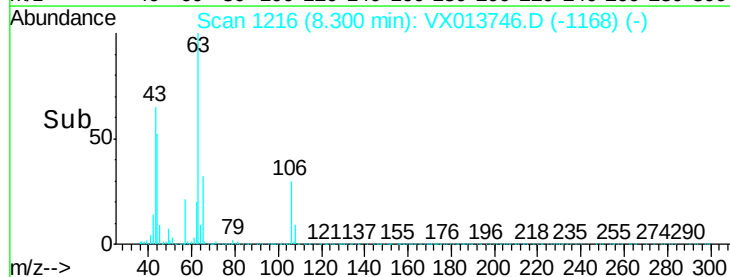
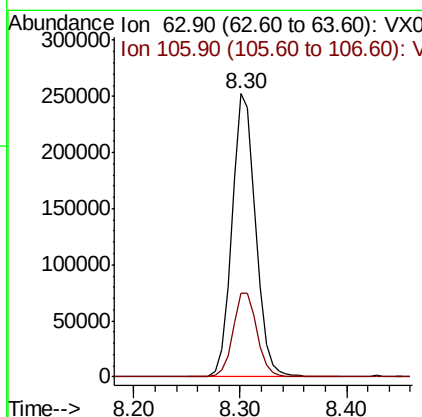
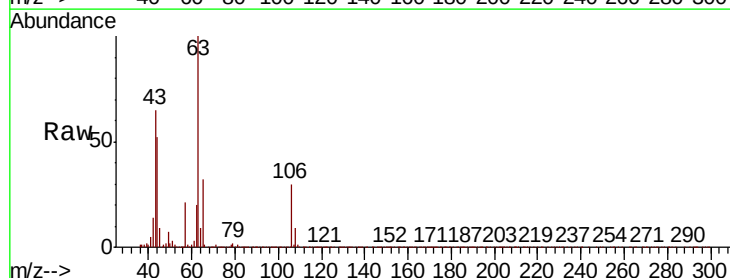
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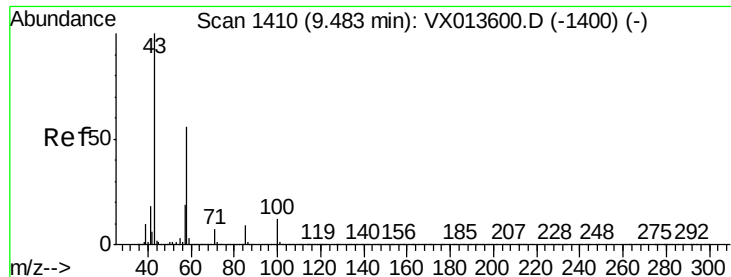
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#58
 2-Chloroethyl Vinyl ether
 Concen: 88.732 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.4	35.0





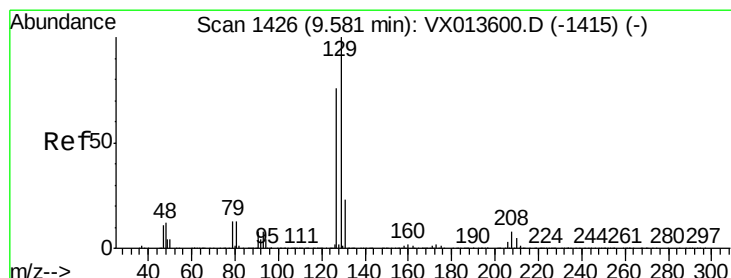
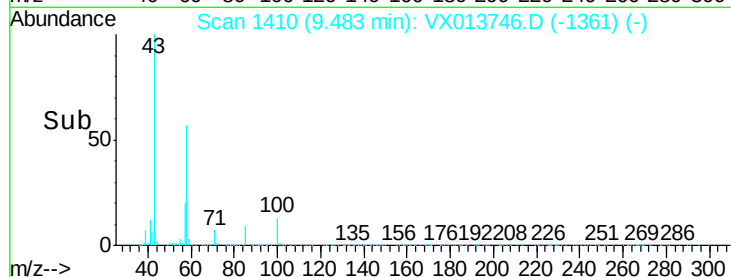
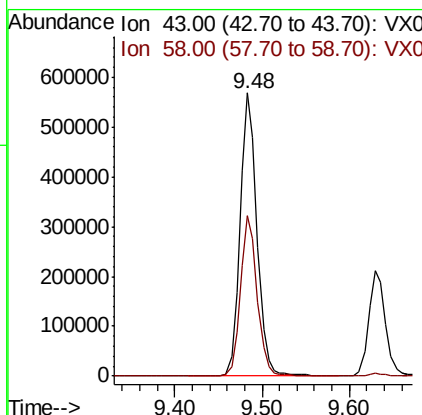
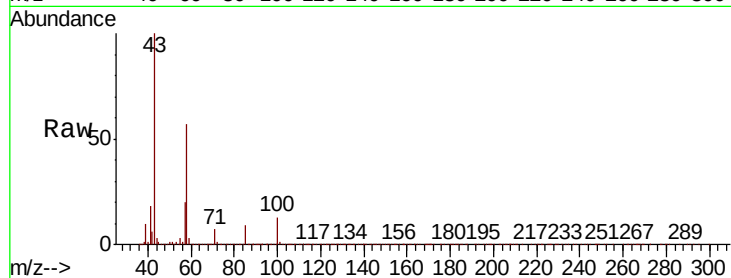
#59
2-Hexanone
Concen: 92.094 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion: 43 Resp: 764040
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.4

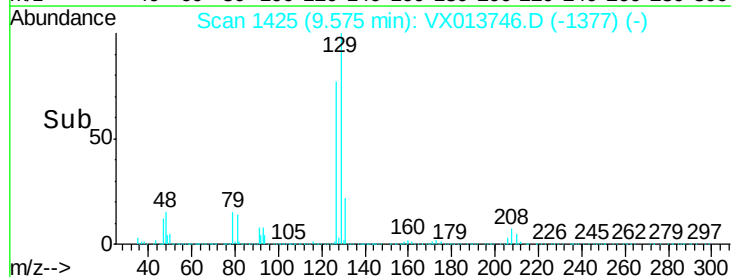
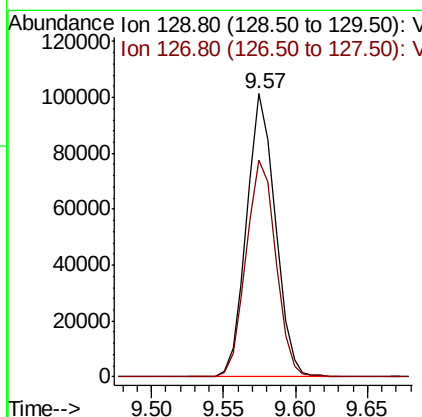
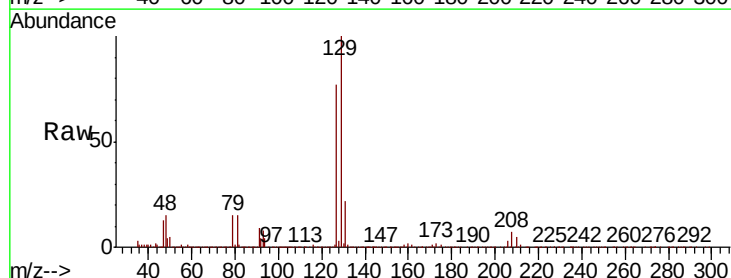
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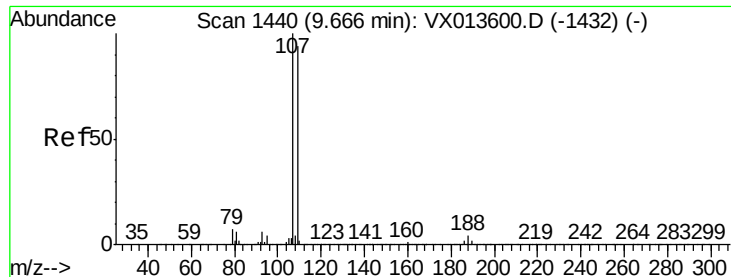
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#60
Dibromochloromethane
Concen: 19.358 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion: 129 Resp: 140257
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.214 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 107 Resp: 143268

Ion Ratio Lower Upper

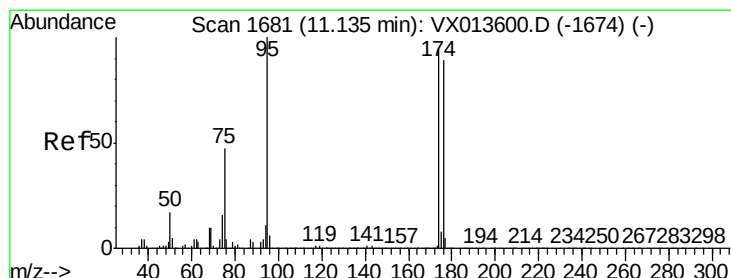
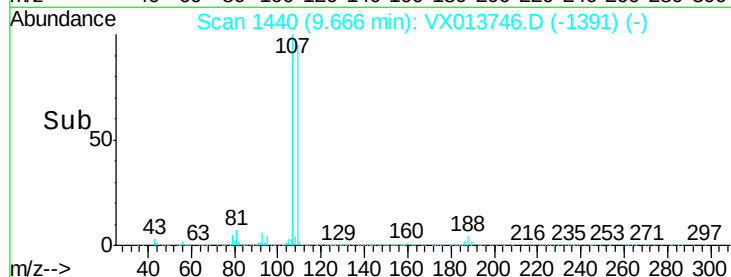
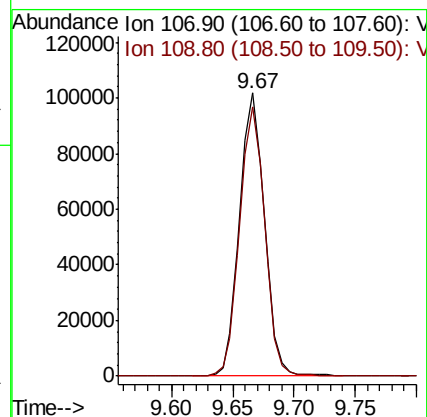
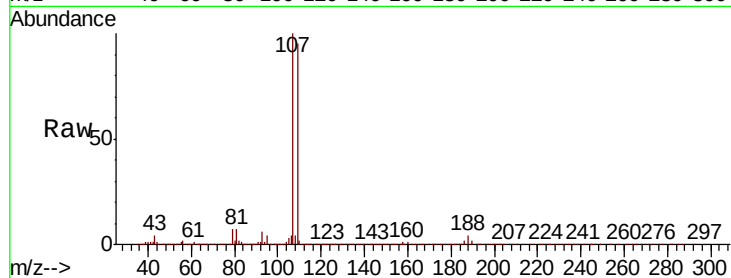
107 100

109 95.9 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 45.856 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

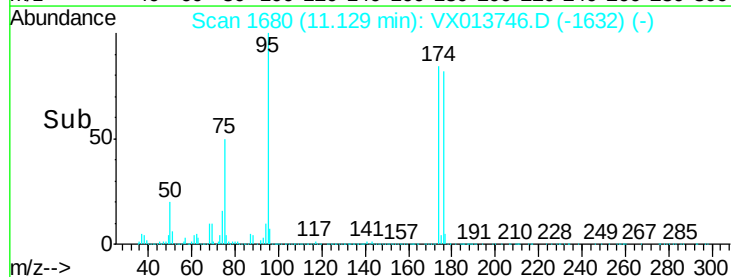
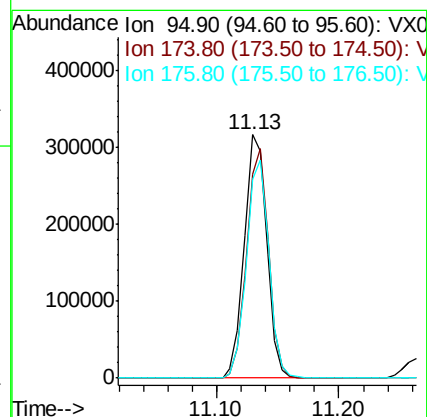
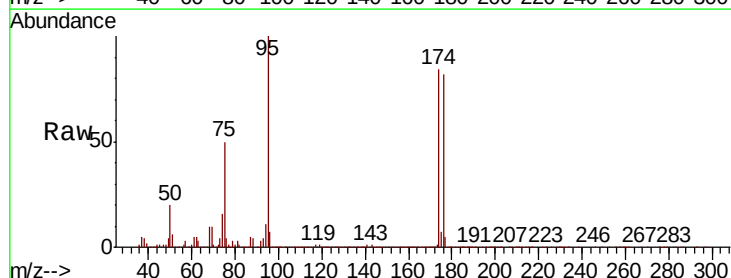
Tgt Ion: 95 Resp: 401743

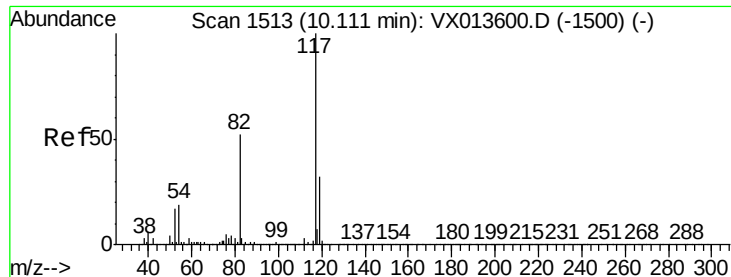
Ion Ratio Lower Upper

95 100

174 92.3 0.0 180.0

176 89.4 0.0 173.6





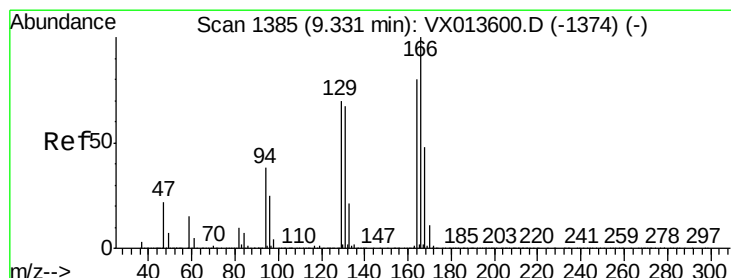
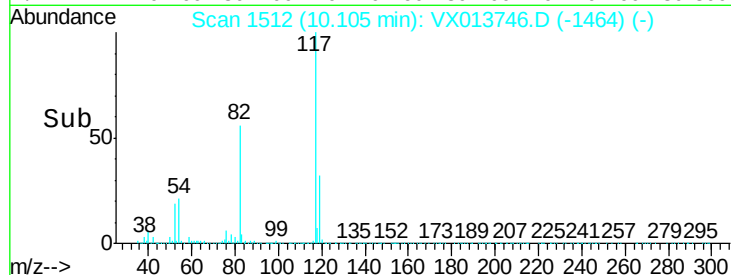
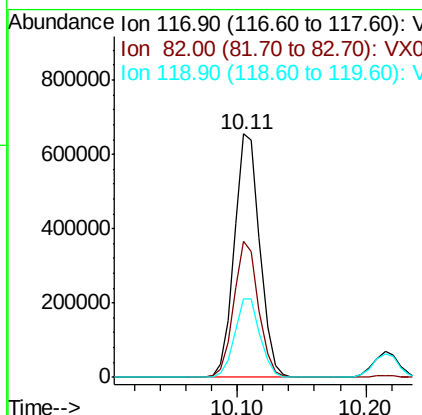
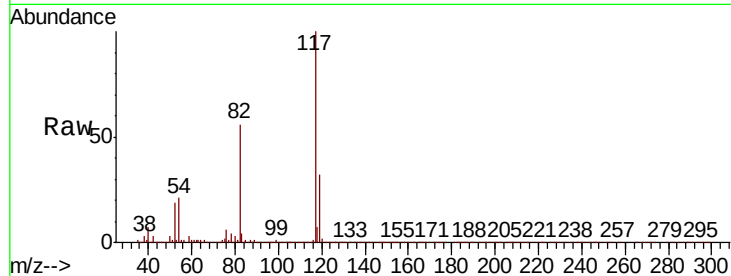
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.7	41.8	62.8
119	32.2	25.8	38.8

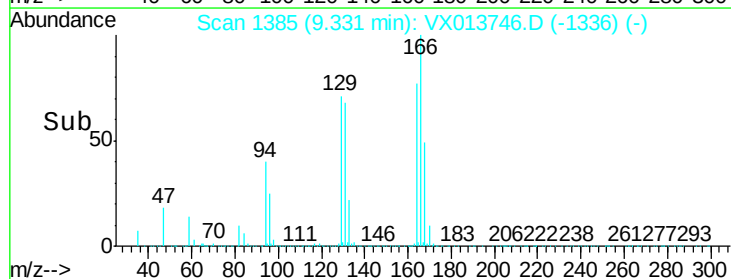
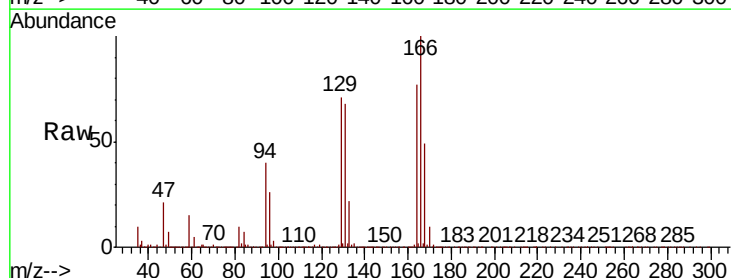
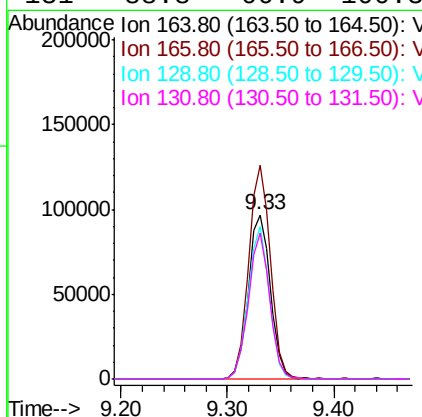
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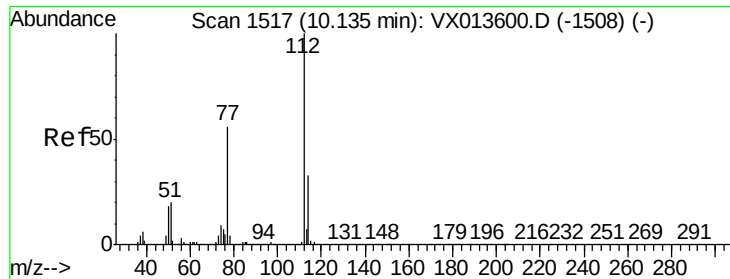
apatel
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#64
Tetrachloroethene
Concen: 21.081 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.9	99.7	149.5
129	92.6	70.1	105.1
131	88.8	66.9	100.3





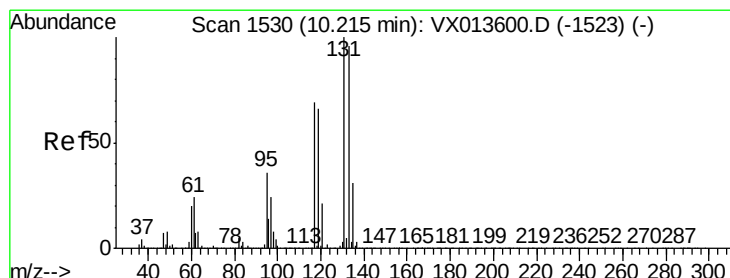
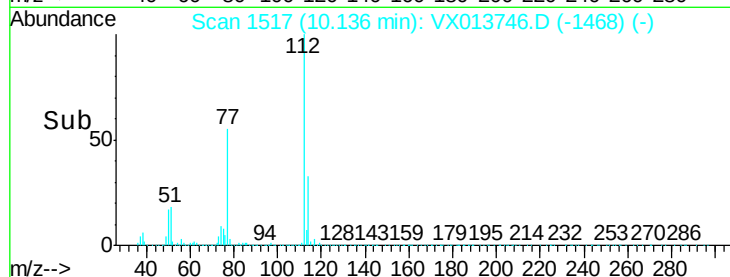
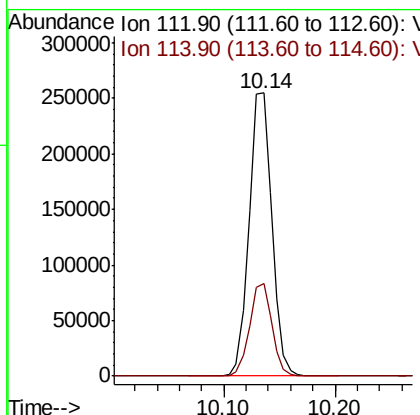
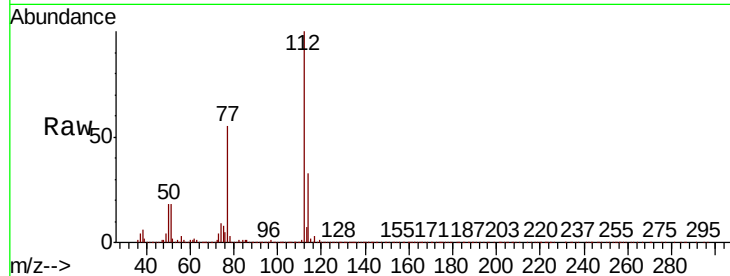
#65
Chlorobenzene
Concen: 19.440 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.1	39.1

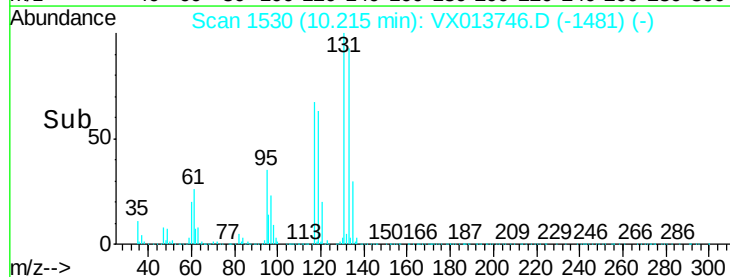
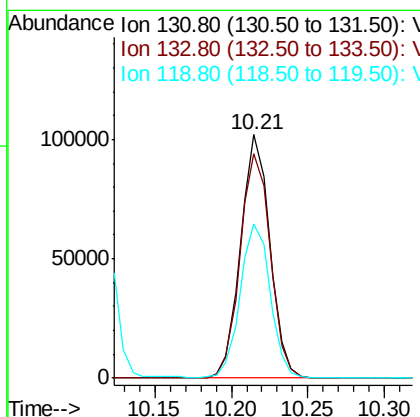
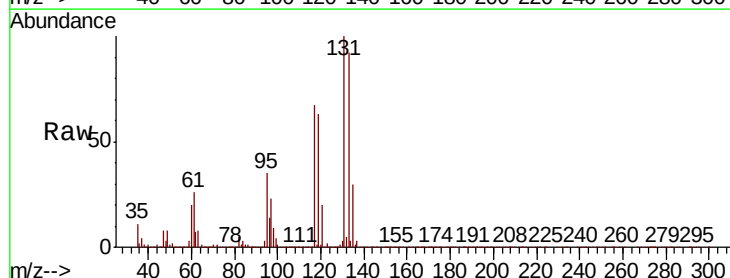
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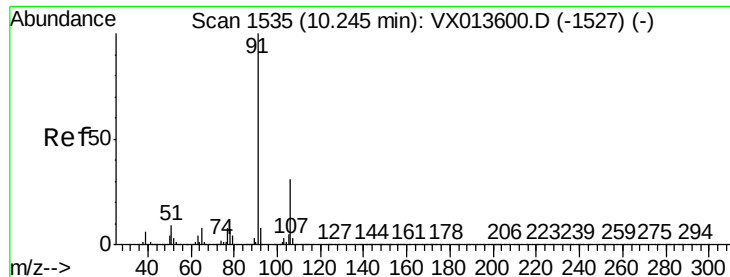
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.157 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.7	143.1
119	65.0	32.9	98.6





#67

Ethyl Benzene

Concen: 19.849 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 91 Resp: 638152

Ion Ratio Lower Upper

91 100

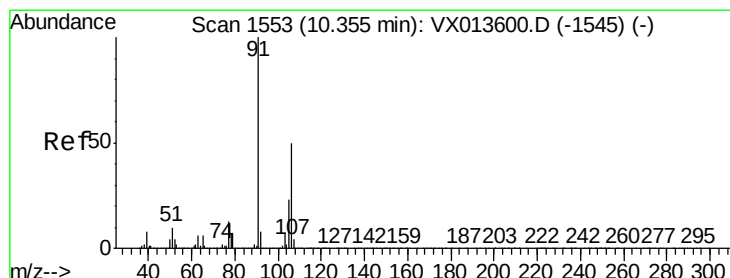
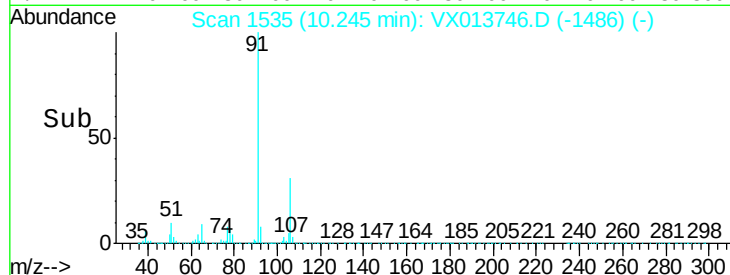
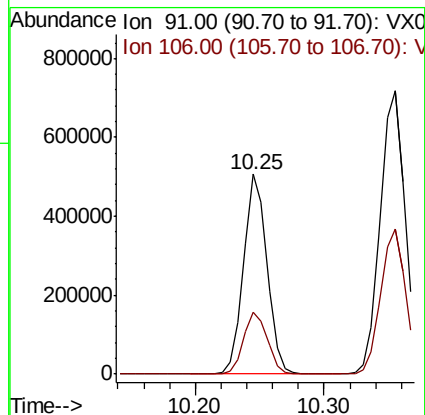
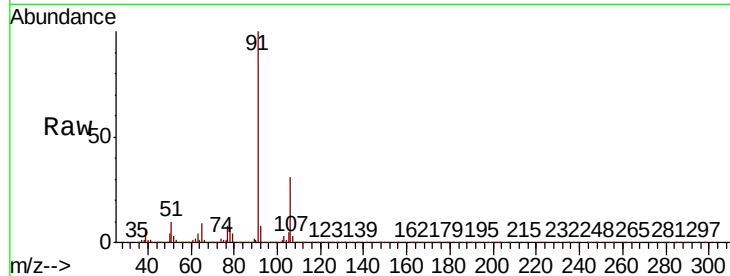
106 30.8 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.860 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013746.D

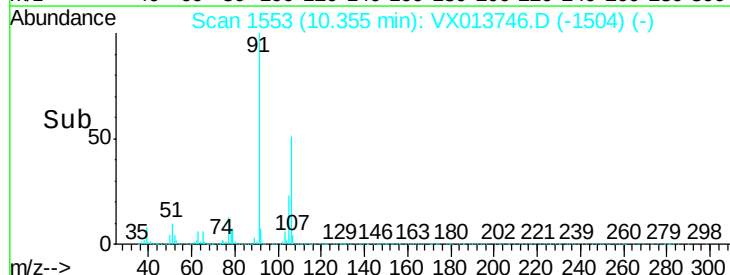
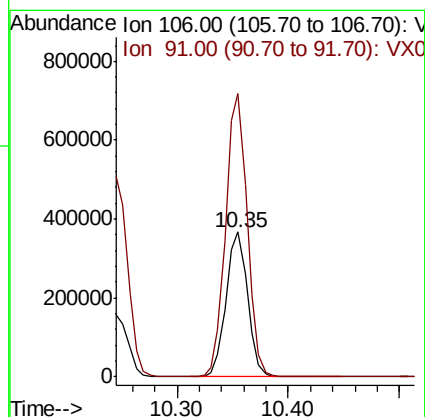
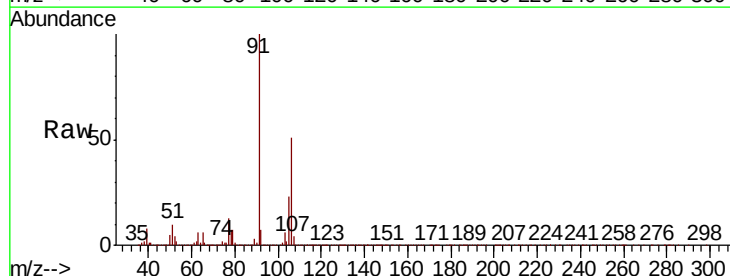
Acq: 04 Dec 2019 13:57

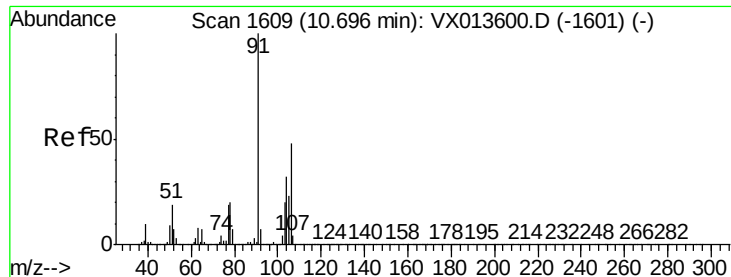
Tgt Ion: 106 Resp: 490626

Ion Ratio Lower Upper

106 100

91 195.9 159.0 238.4





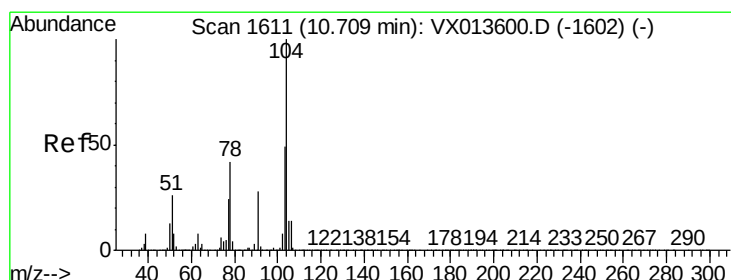
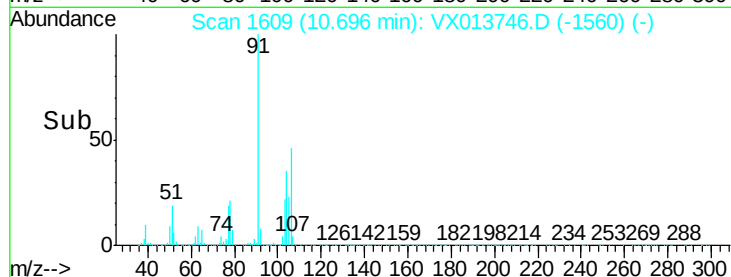
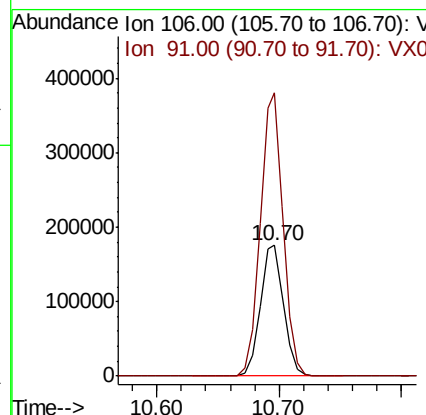
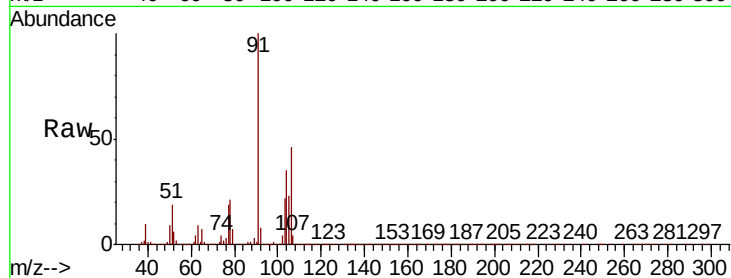
#69
o-Xylene
Concen: 19.434 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.9	104.1	312.2

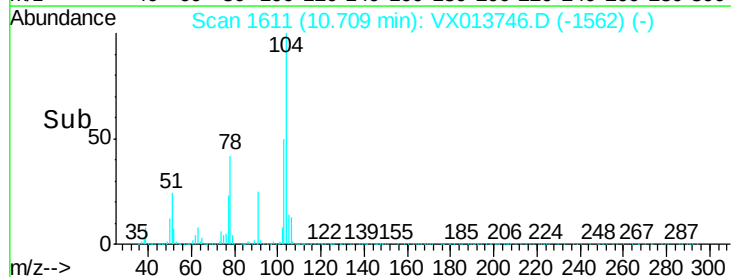
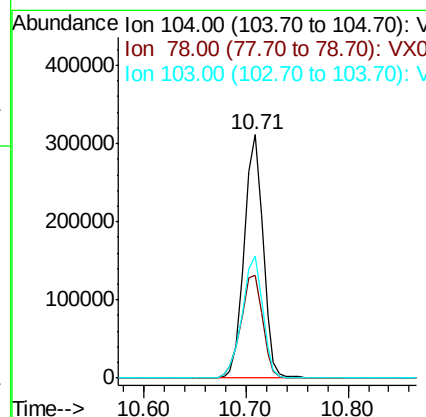
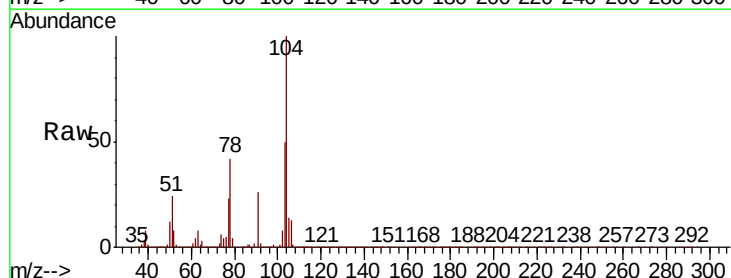
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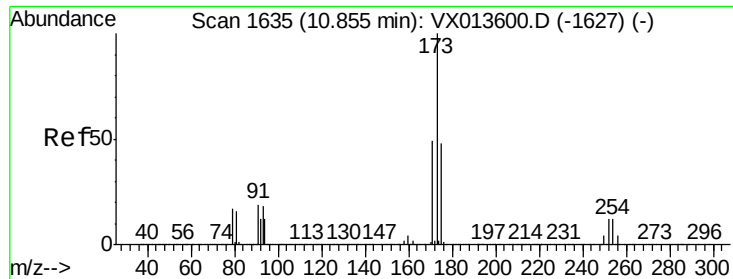
apatel
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#70
Styrene
Concen: 19.689 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.5	57.7
103	54.8	43.7	65.5





#71

Bromoform

Concen: 19.552 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

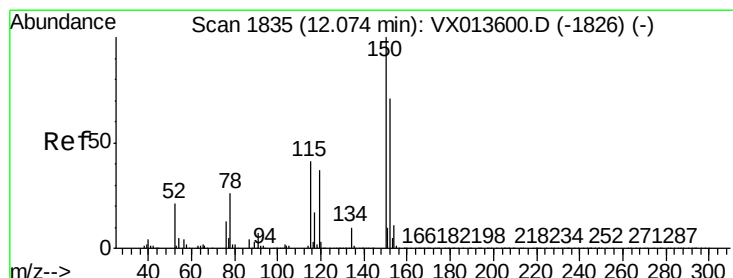
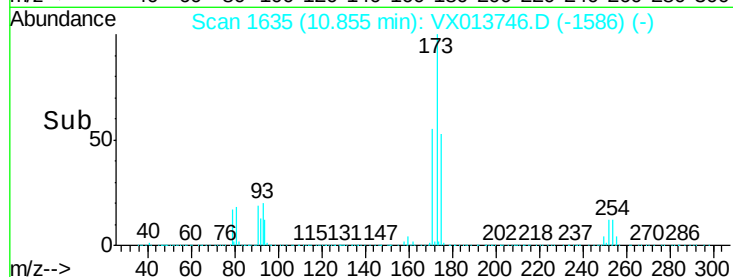
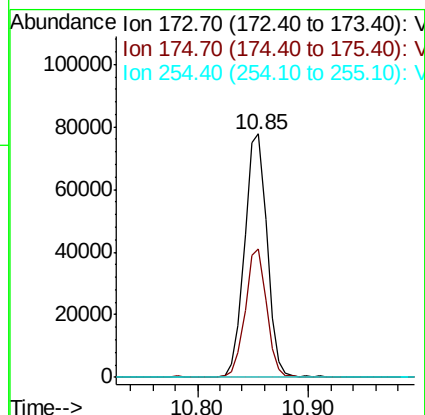
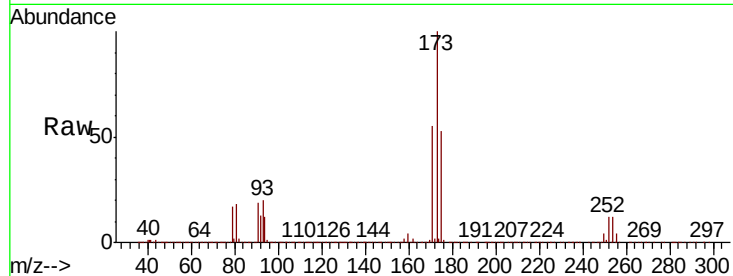
ClientSampled :

VX1204WBS01

Tot Ion:	173	Resp:	108689
Ion Ratio	Lower	Upper	
173	100		
175	50.7	24.3	72.8
254	0.3	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

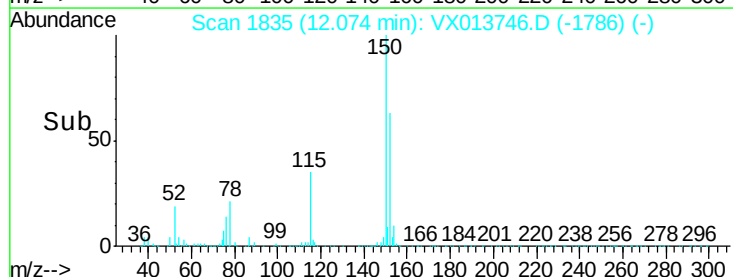
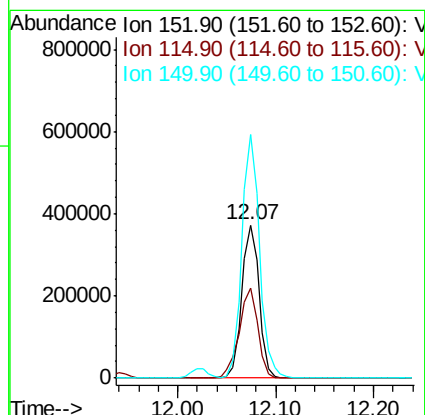
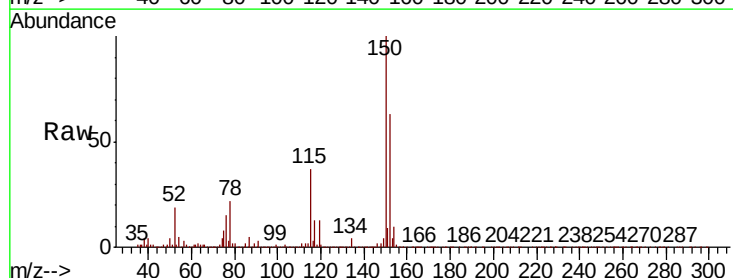
RT: 12.07 min Scan# 1835

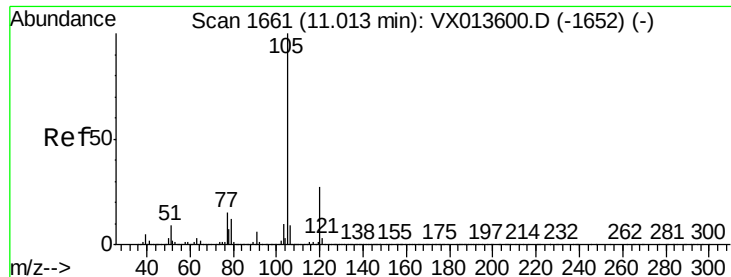
Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	152	Resp:	453633
Ion Ratio	Lower	Upper	
152	100		
115	64.1	38.4	115.1
150	163.0	0.0	346.8





#73

Isopropylbenzene

Concen: 19.807 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 105 Resp: 630259

Ion Ratio Lower Upper

105 100

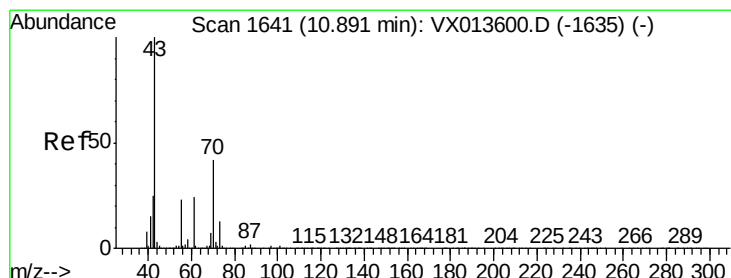
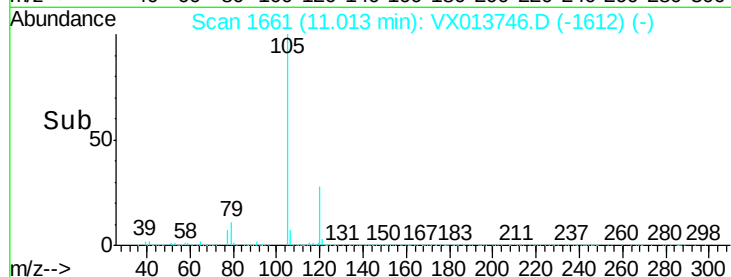
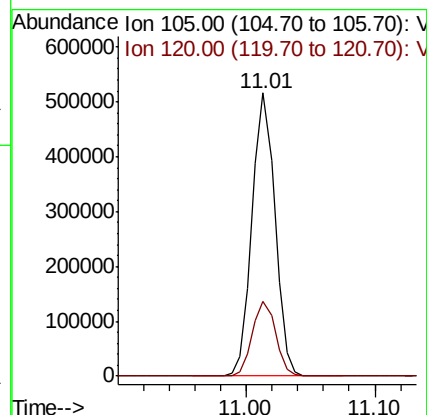
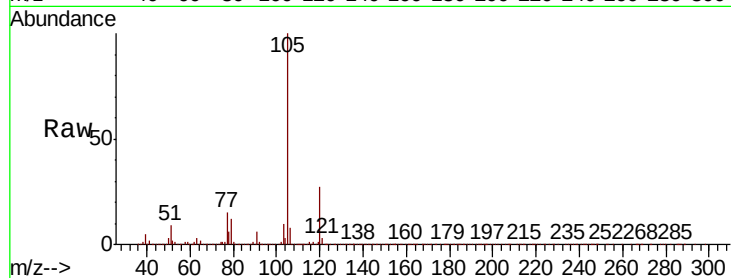
120 26.9 13.5 40.5

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#74

N-ethyl acetate

Concen: 18.600 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion: 43 Resp: 271130

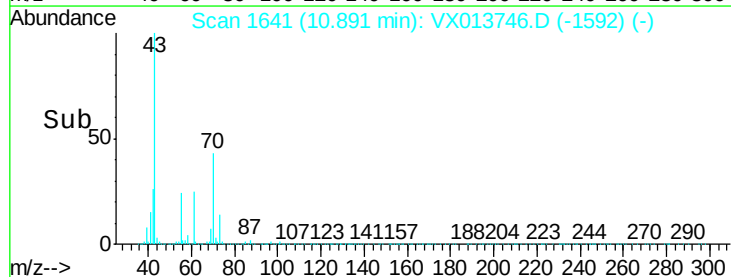
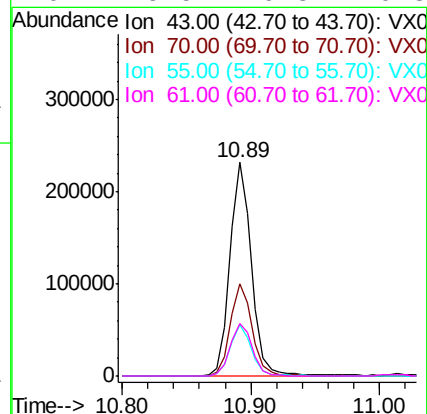
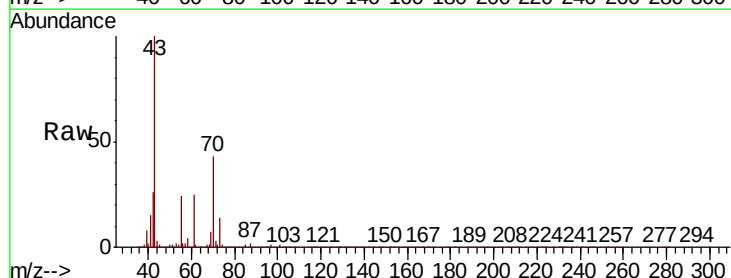
Ion Ratio Lower Upper

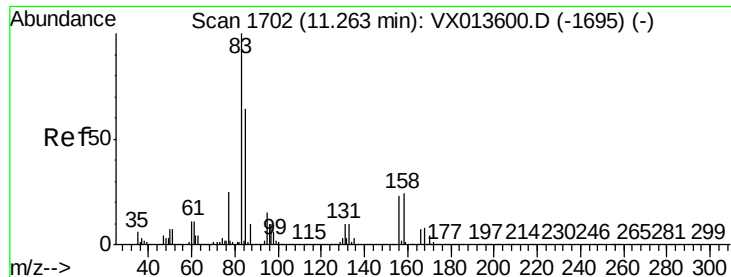
43 100

70 44.3 34.3 51.5

55 23.9 18.5 27.7

61 25.5 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.045 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

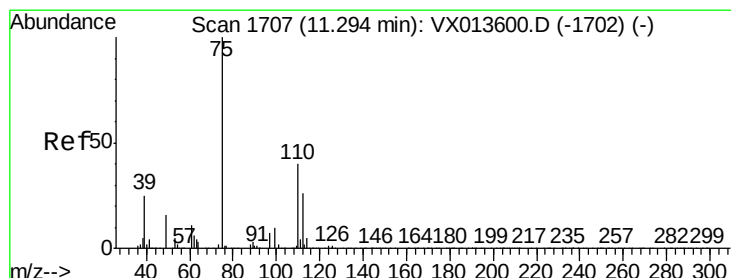
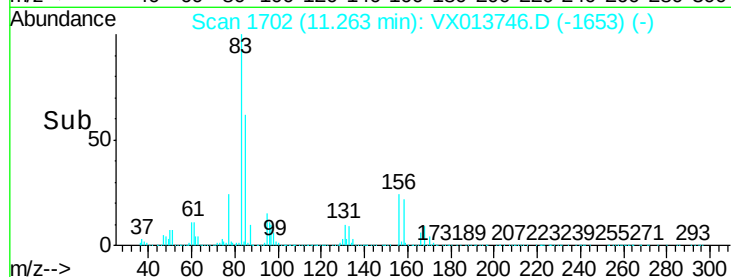
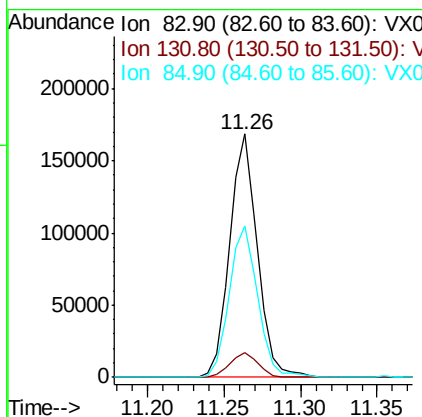
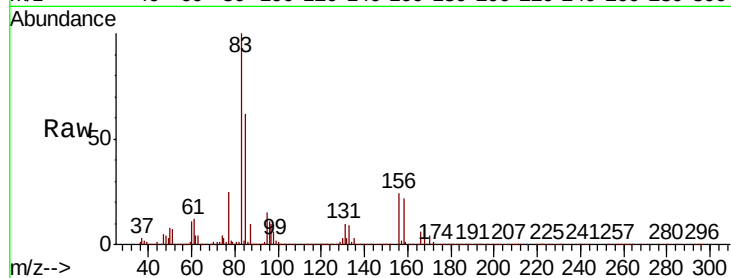
ClientSampleId :

VX1204WBS01

Tot Ion:	83	Resp:	210163
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.2	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 16.688 ug/l m

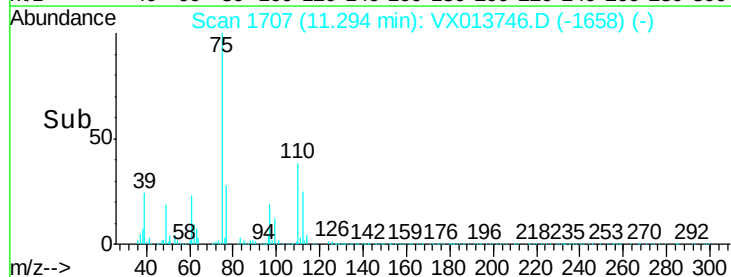
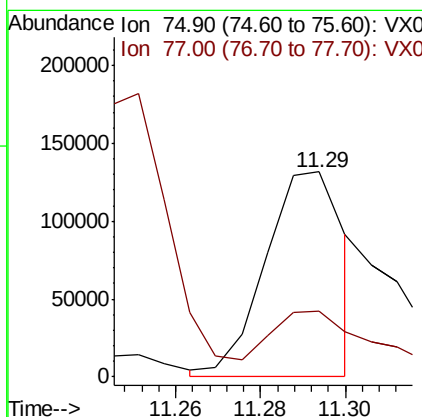
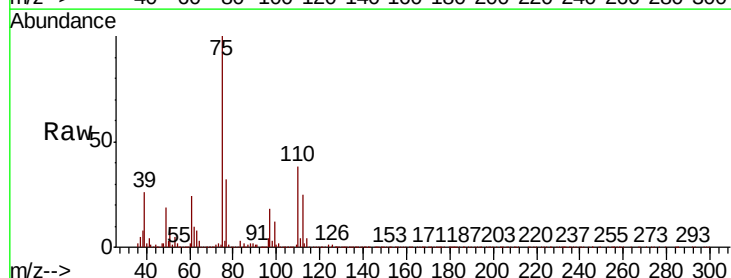
RT: 11.29 min Scan# 1707

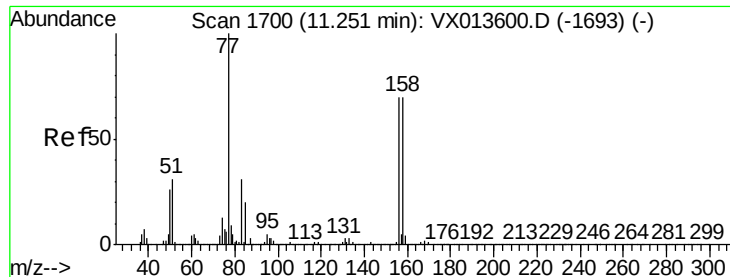
Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	75	Resp:	170270
Ion Ratio	Lower	Upper	
75	100		
77	42.2	19.1	57.5





#77

Bromobenzene

Concen: 19.184 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

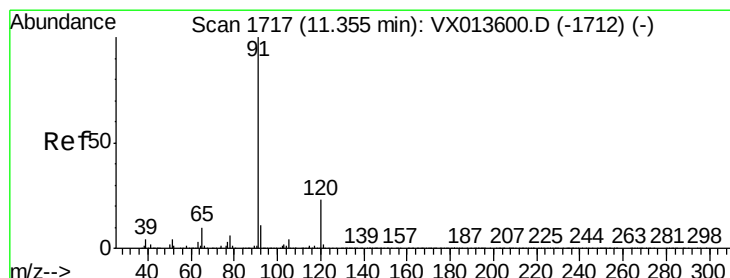
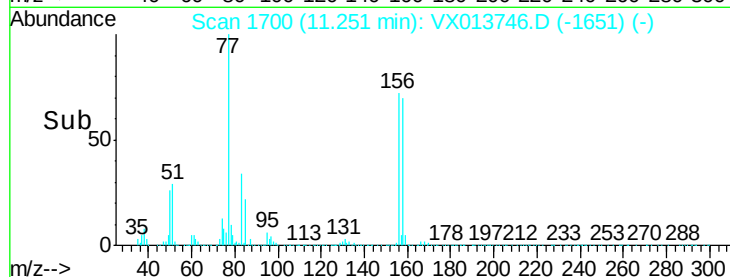
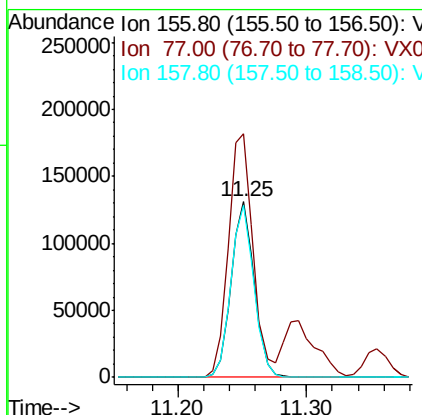
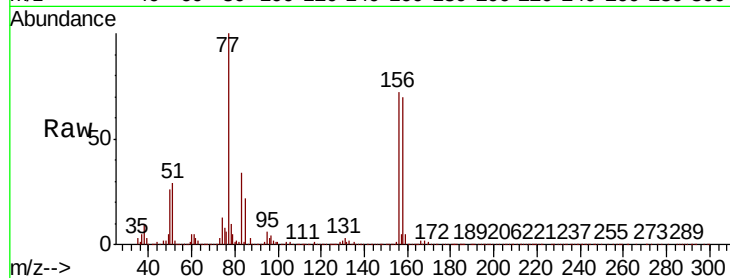
ClientSampled :

VX1204WBS01

Tot Ion:	156	Resp:	164912
Ion Ratio	Lower	Upper	
156	100		
77	148.1	74.4	223.1
158	98.0	48.9	146.6

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#78

n-propylbenzene

Concen: 19.886 ug/l

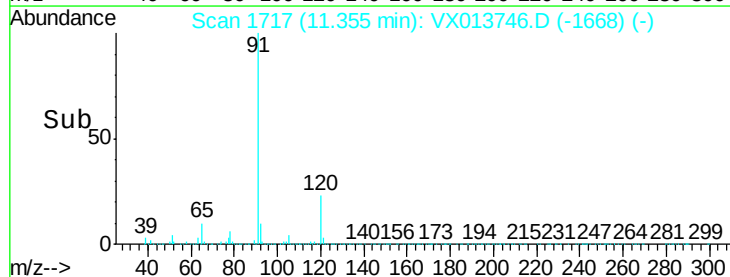
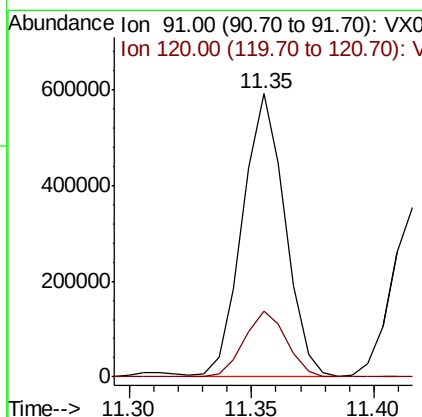
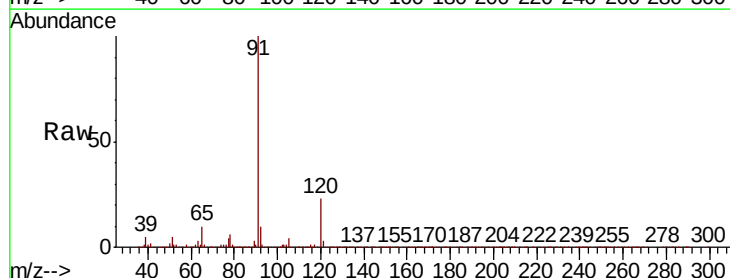
RT: 11.35 min Scan# 1717

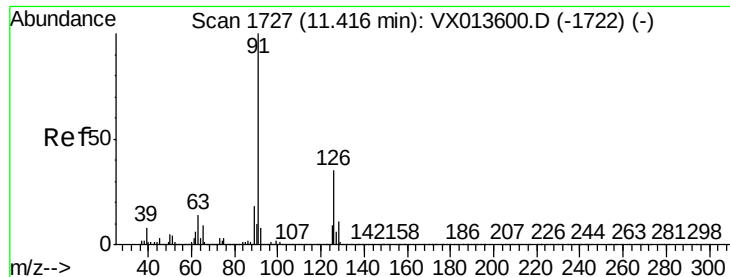
Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	91	Resp:	706367
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





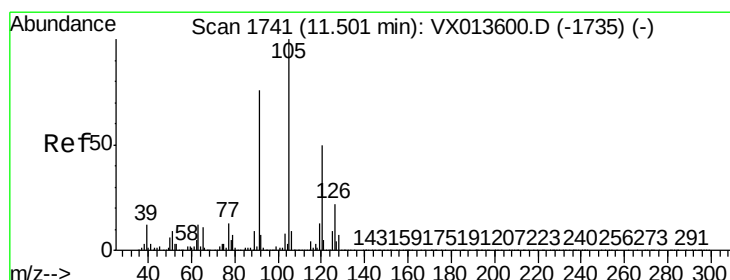
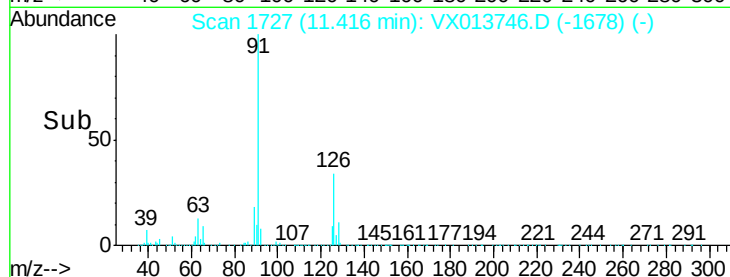
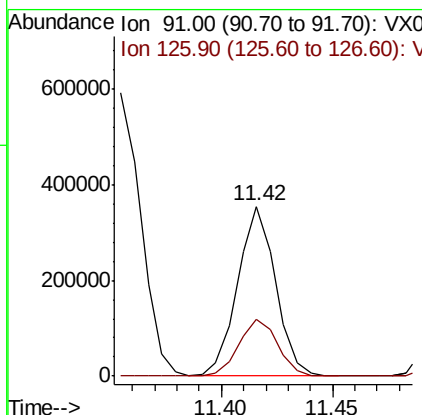
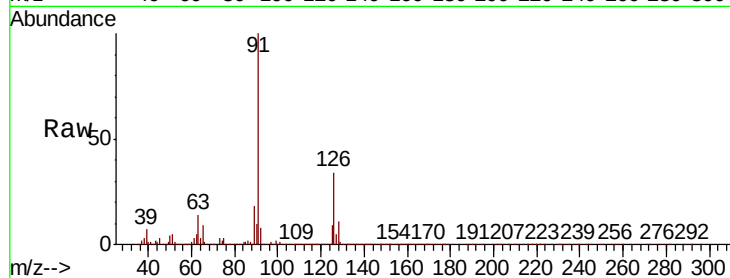
#79
 2-Chlorotoluene
 Concen: 19.715 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.5	52.5

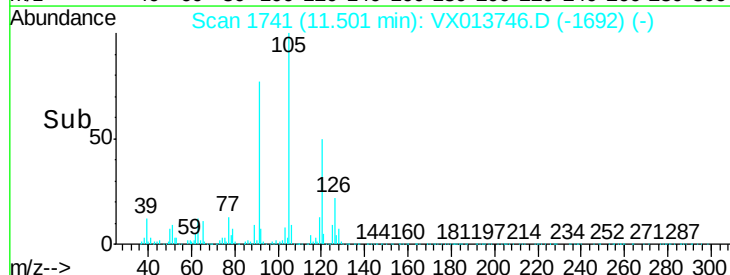
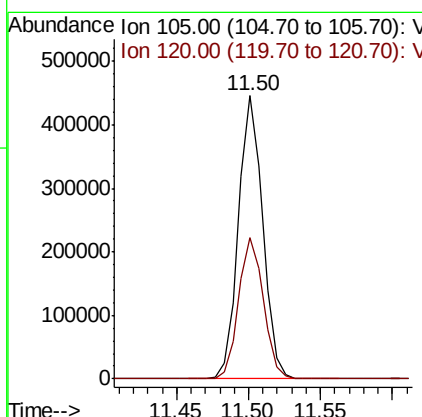
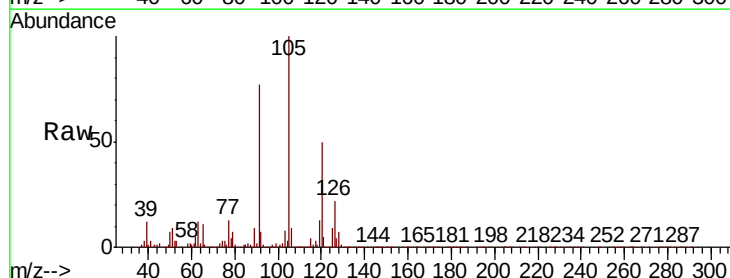
Manual Integrations
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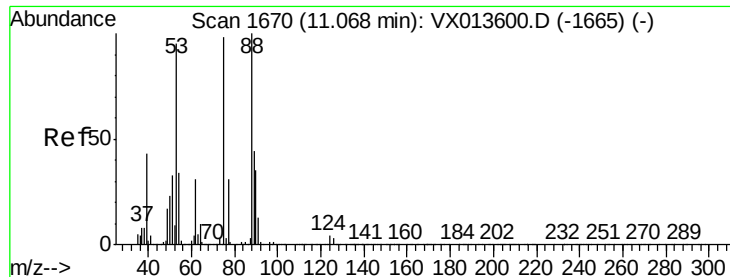
apatel
 12/5/2019 11:25:10 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.010 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.8	25.3	75.9





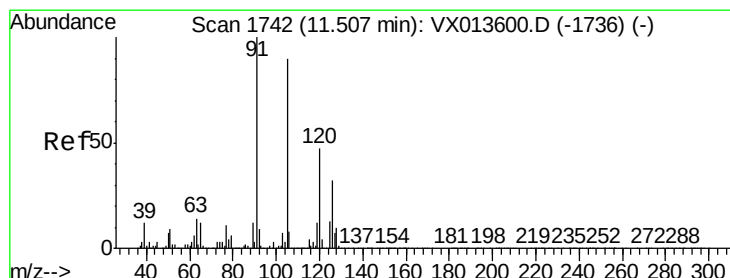
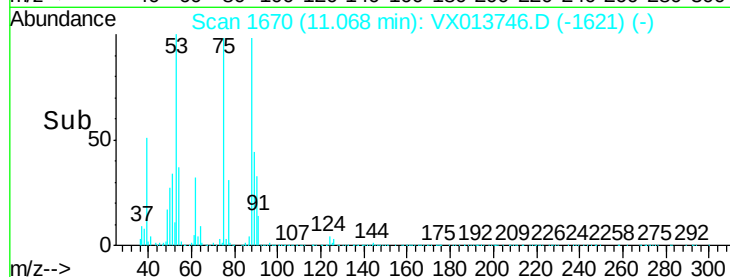
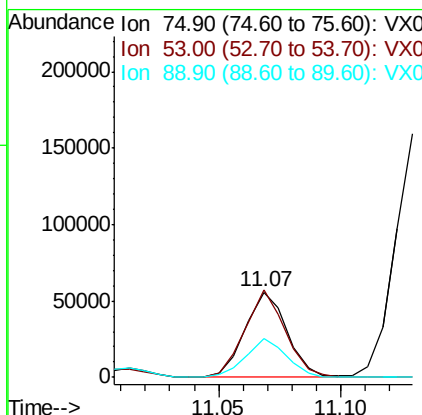
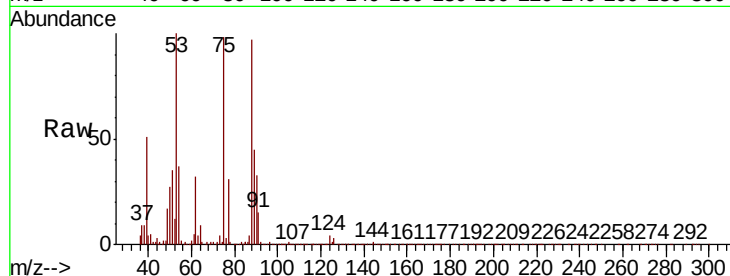
#81
trans-1,4-Dichloro-2-butene
Concen: 17.606 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	78.2	117.2
89	43.9	35.4	53.2

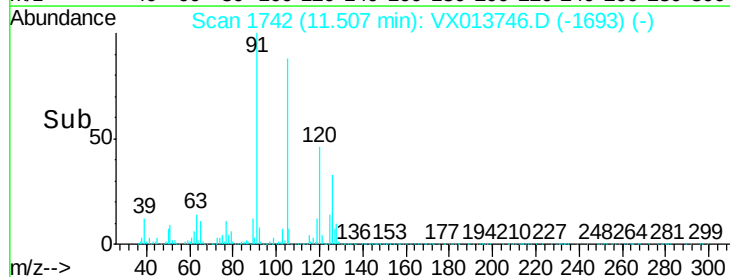
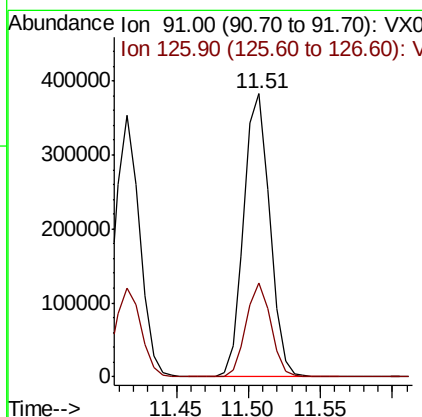
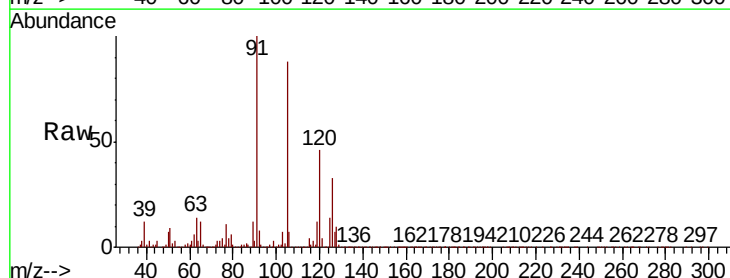
Manual Integrations
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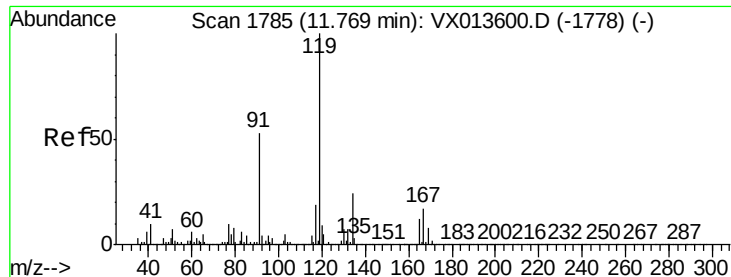
apatel
12/5/2019 11:25:10 AM



#82
4-Chlorotoluene
Concen: 19.436 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.7	47.0





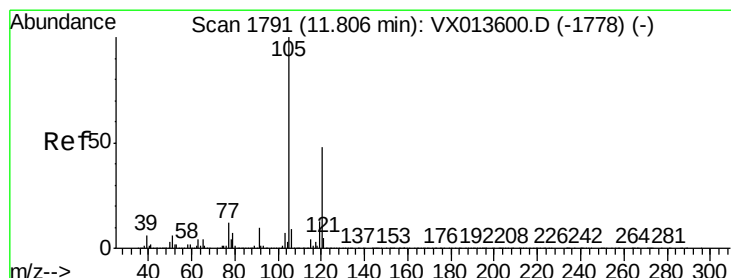
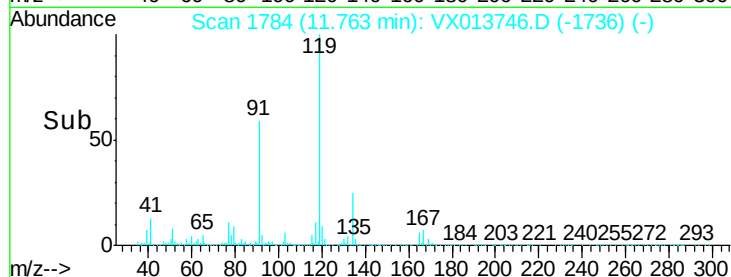
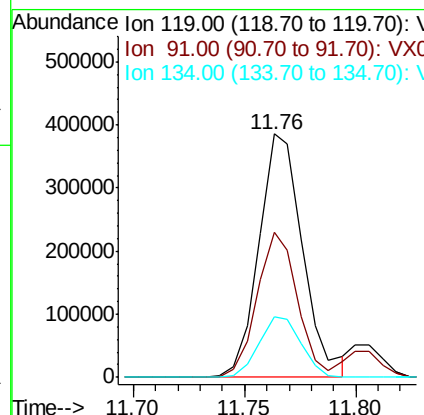
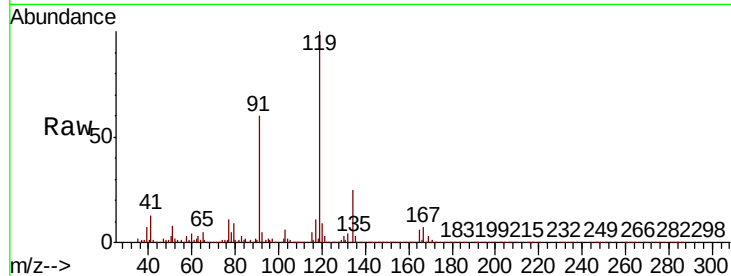
#83
 tert-Butylbenzene
 Concen: 19.951 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampled :
 VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	528795		
91	54.7	27.2	81.6	
134	23.9	11.7	35.1	

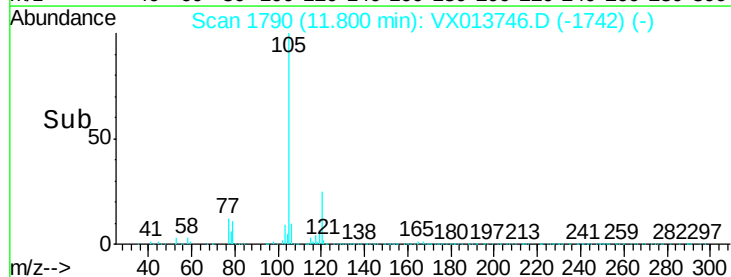
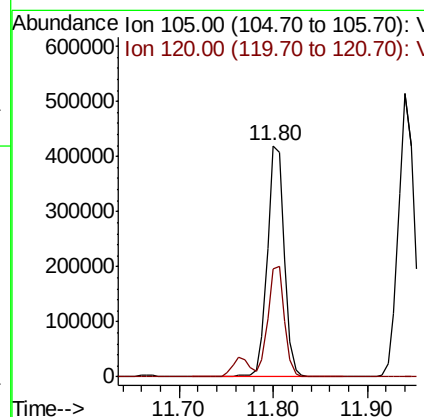
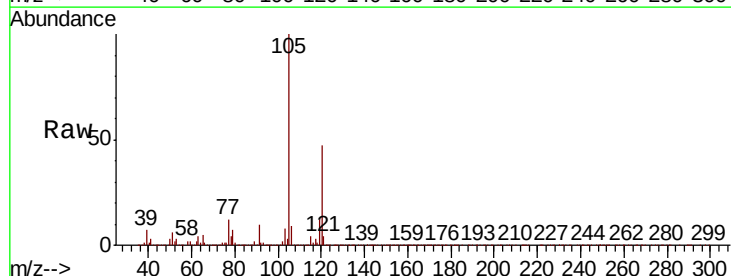
Manual Integrations
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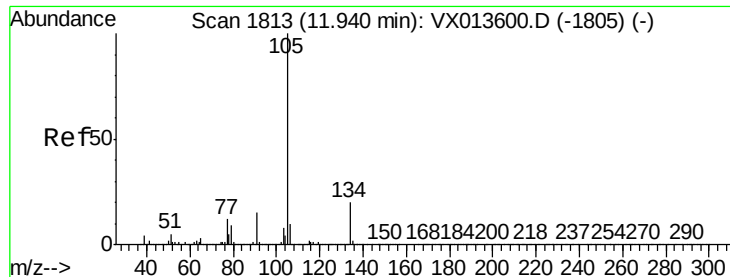
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.040 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	530427		
120	46.2	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.168 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion:105 Resp: 610571

Ion Ratio Lower Upper

105 100

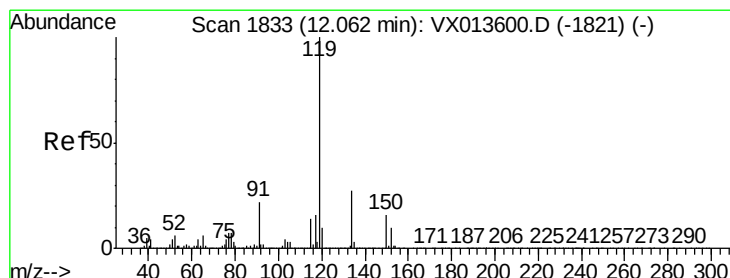
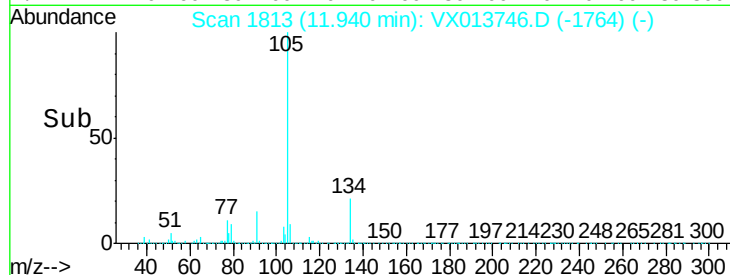
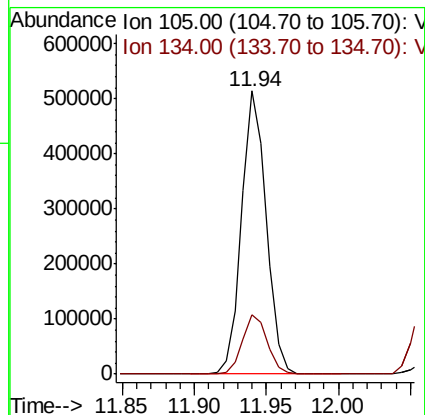
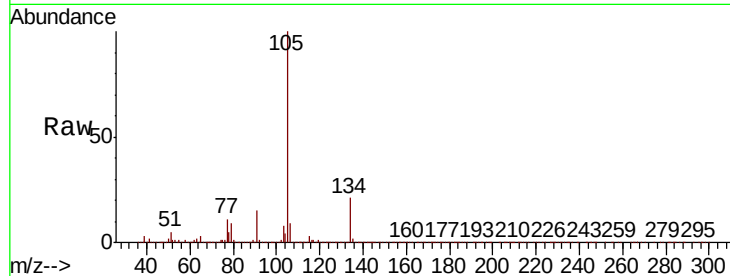
134 21.2 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.041 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

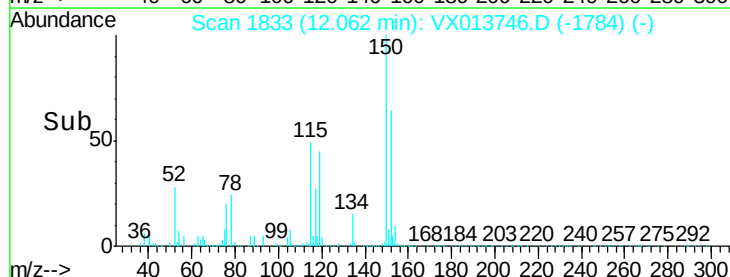
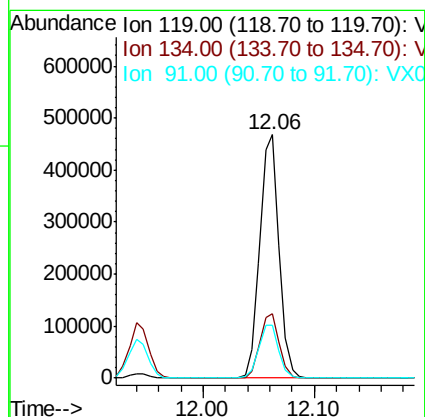
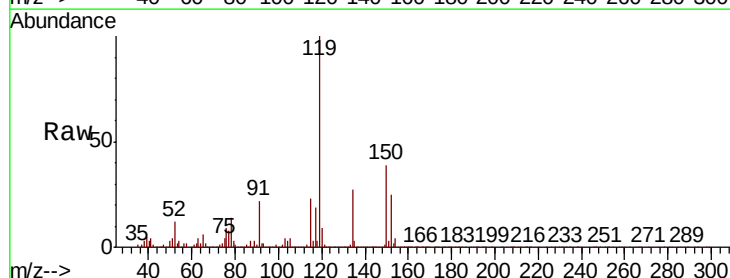
Tgt Ion:119 Resp: 564442

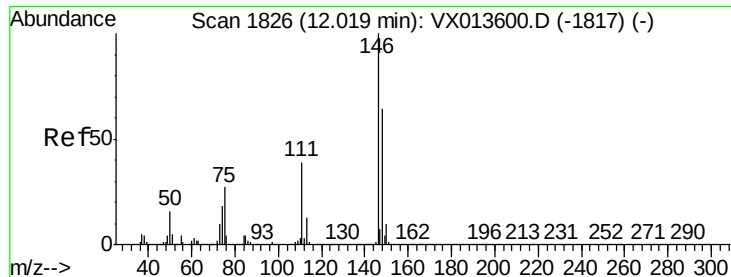
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.5 11.3 33.8





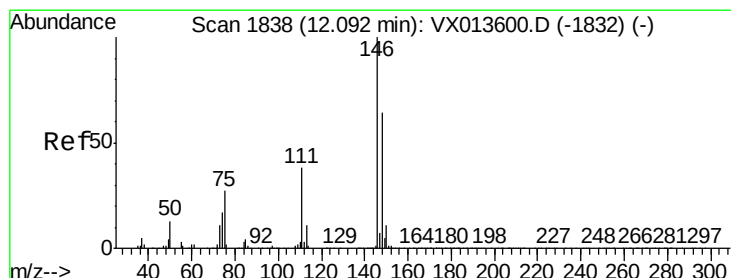
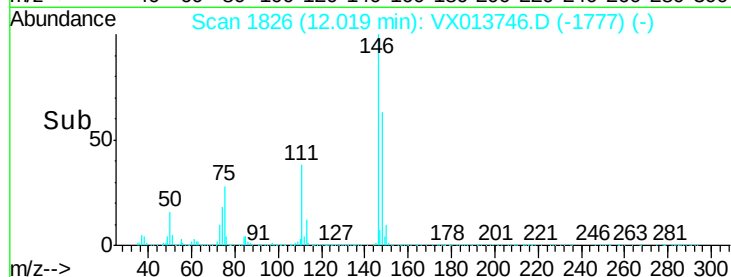
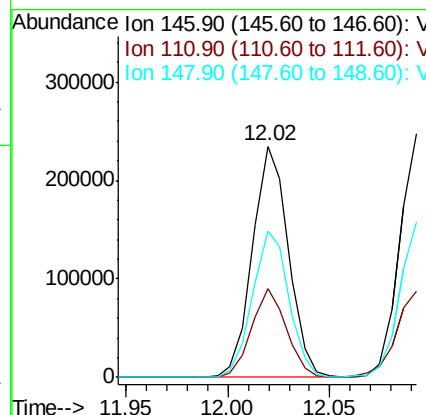
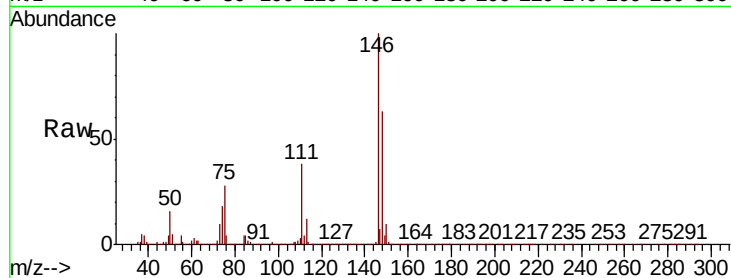
#87
 1,3-Dichlorobenzene
 Concen: 19.257 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	64.2	31.8	95.4

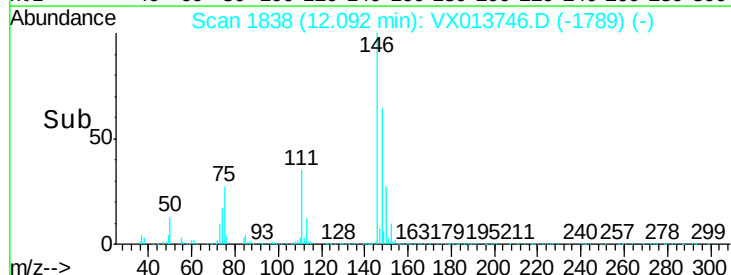
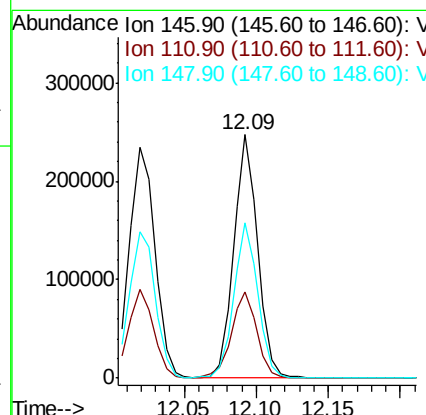
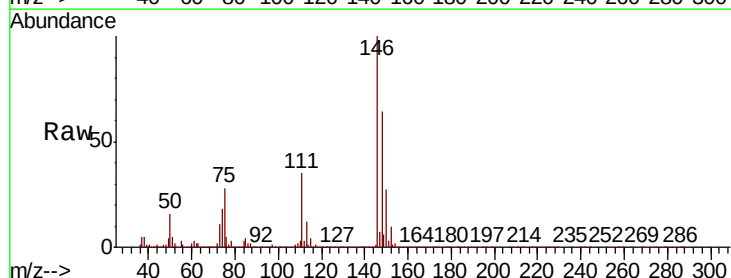
Manual Integrations
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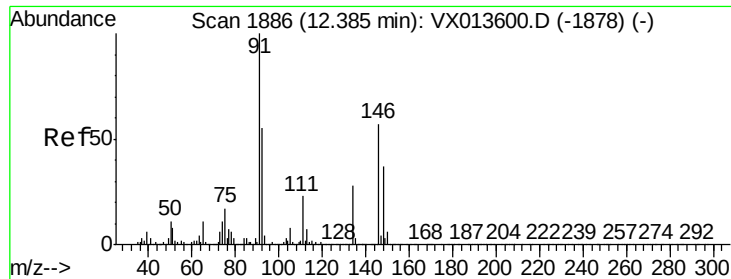
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 18.875 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	64.1	31.9	95.5





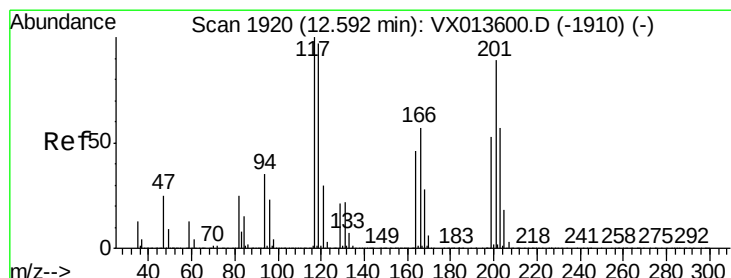
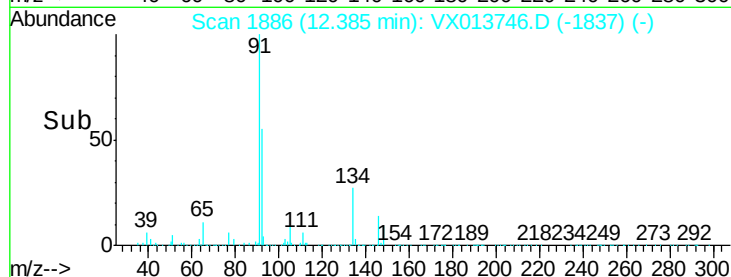
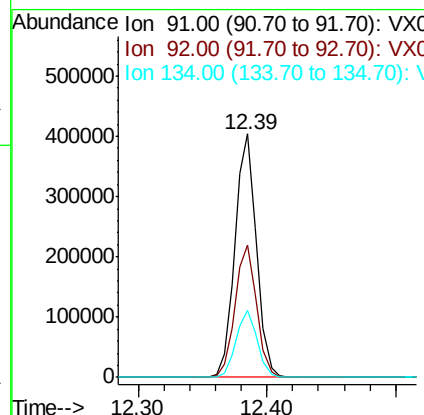
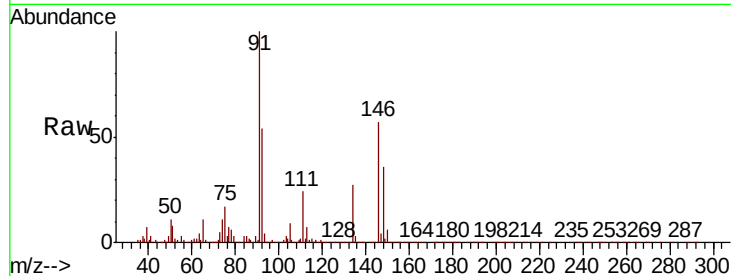
#89
n-Butylbenzene
Concen: 19.705 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	27.0	13.5	40.4

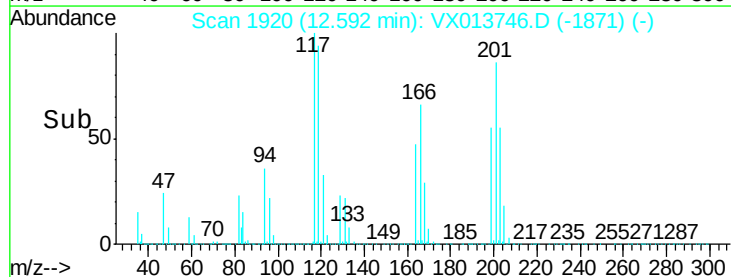
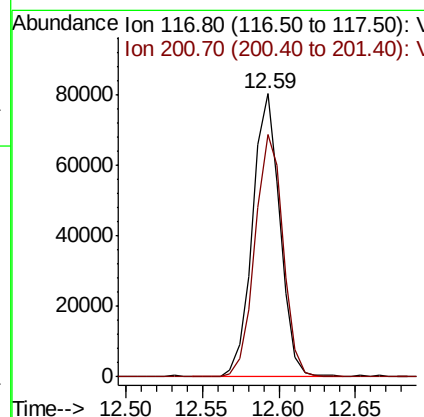
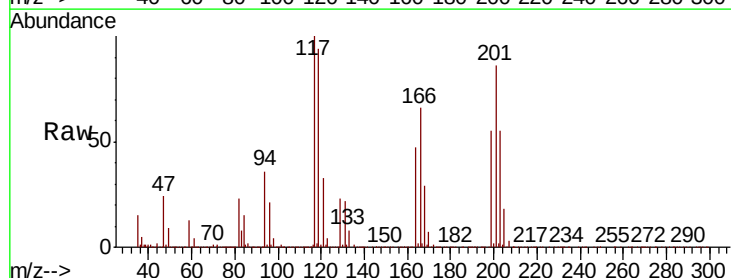
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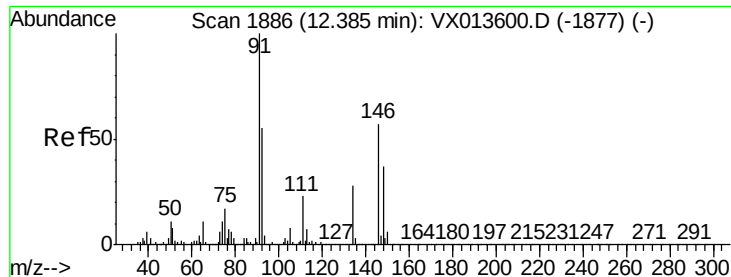
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#90
Hexachloroethane
Concen: 19.523 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.1	132.4





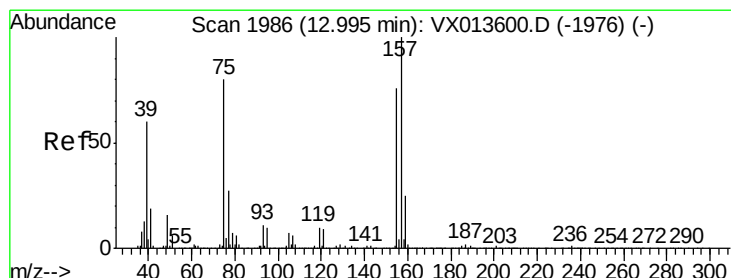
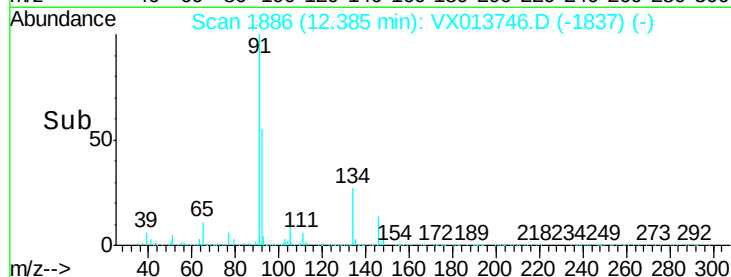
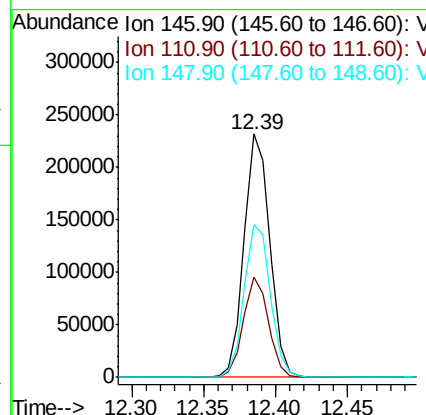
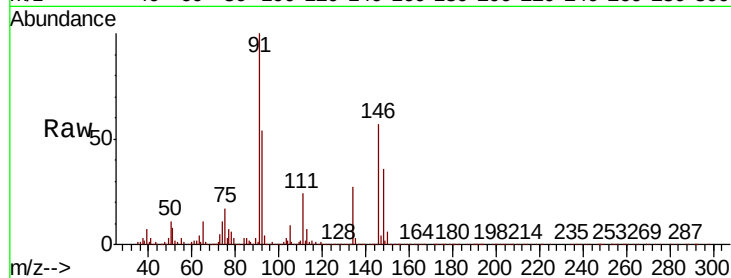
#91
 1,2-Dichlorobenzene
 Concen: 19.475 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.7
148	64.1	31.9	95.7

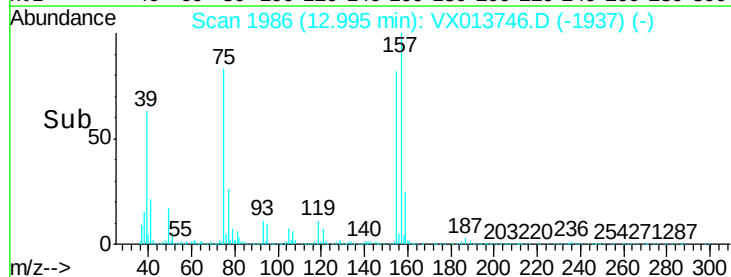
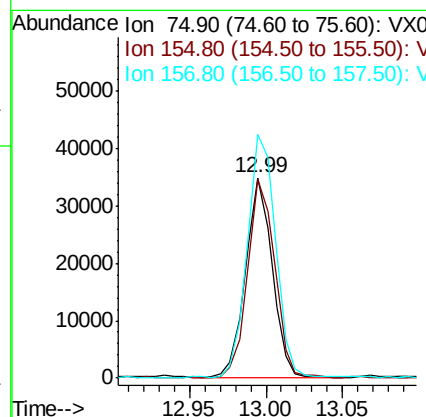
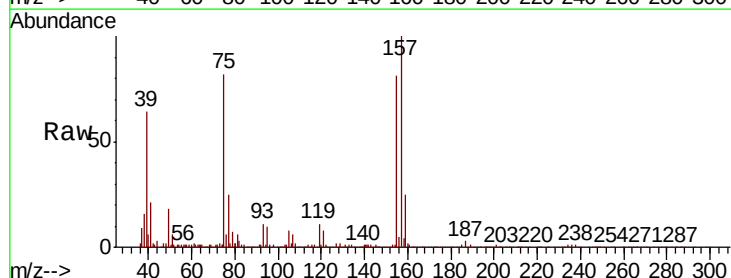
Manual Integrations
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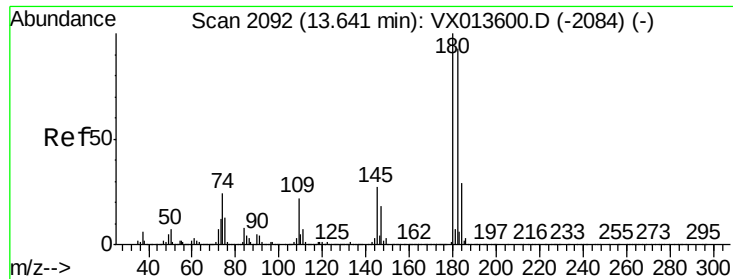
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.534 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013746.D
 Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.5	47.6	142.8
157	131.4	62.1	186.2





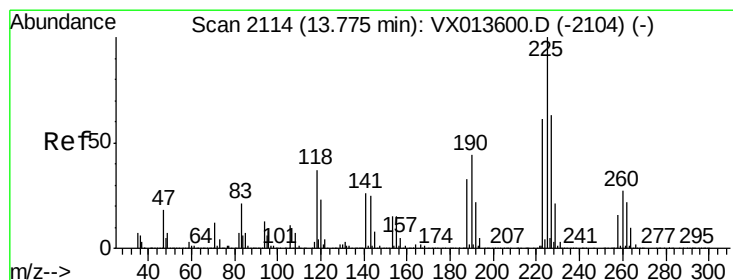
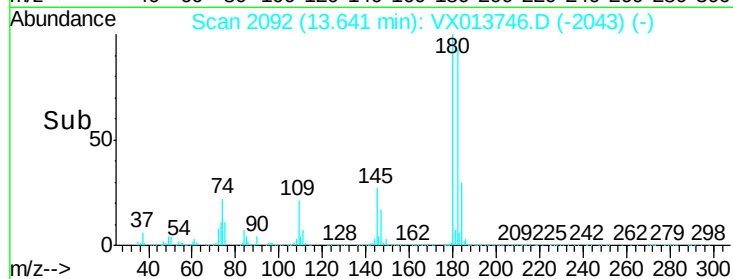
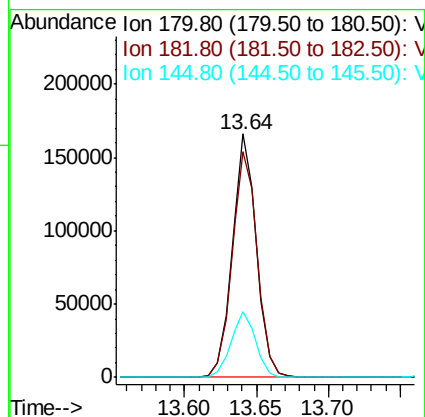
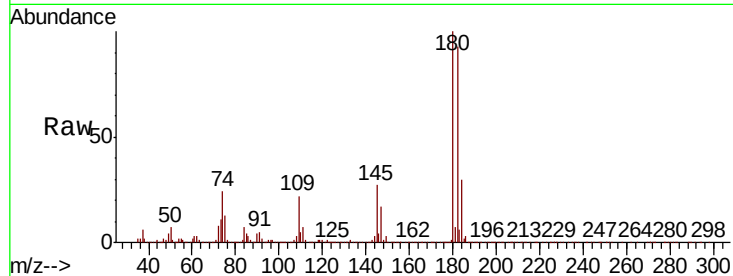
#93
1,2,4-Trichlorobenzene
Concen: 18.818 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	194174		
182	96.4	47.2	141.6	
145	28.2	13.8	41.4	

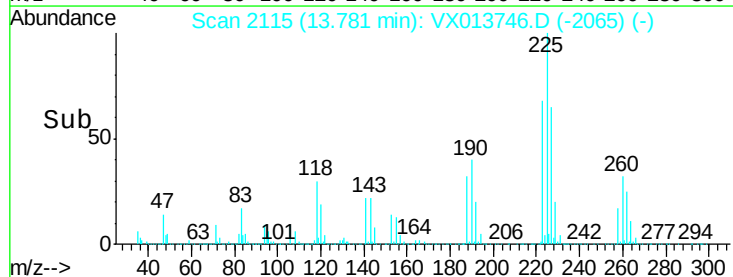
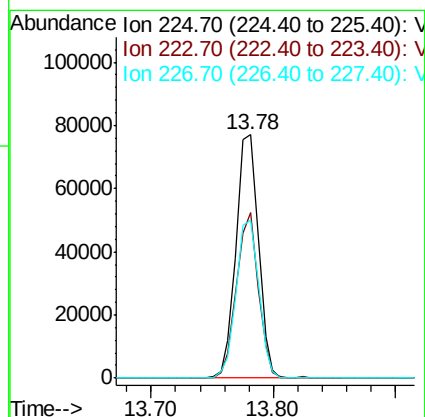
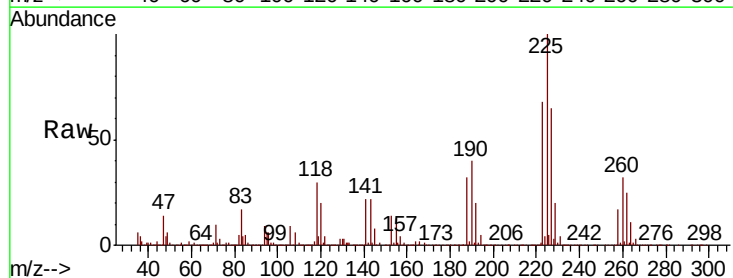
Manual Integrations
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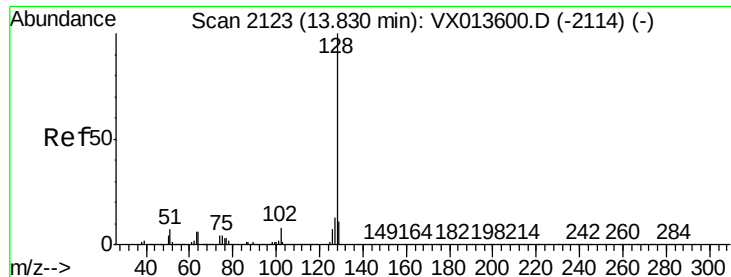
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#94
Hexachlorobutadiene
Concen: 19.686 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013746.D
Acq: 04 Dec 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97578		
223	65.3	31.9	95.5	
227	65.8	32.1	96.3	





#95

Naphthalene

Concen: 19.148 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Instrument :

MSVOA_X

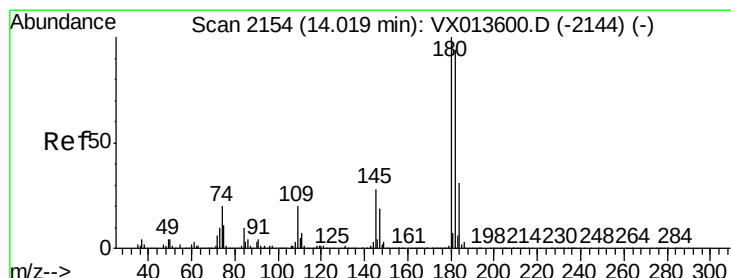
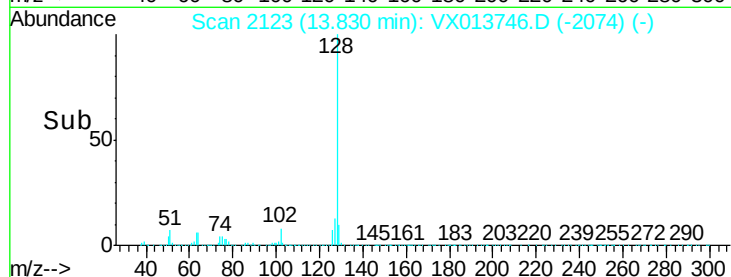
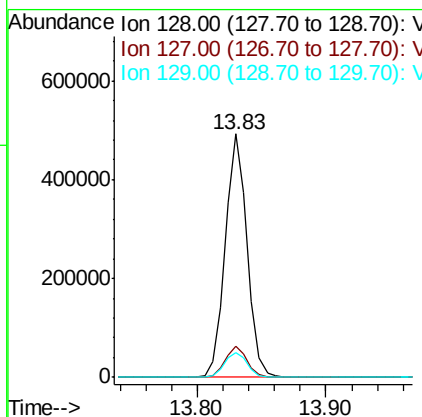
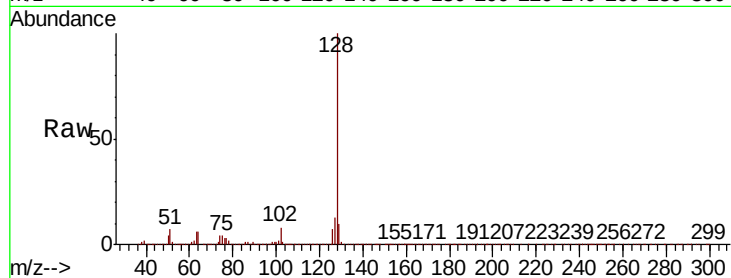
ClientSampleId :

VX1204WBS01

Tot Ion:	128	Resp:	588413
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
12/5/2019 11:25:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.217 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VX013746.D

Acq: 04 Dec 2019 13:57

Tgt Ion:	180	Resp:	196337
Ion Ratio	Lower	Upper	
180	100		
182	97.8	47.6	142.8
145	29.6	15.0	45.0

