

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014220.D
 Acq On : 23 Dec 2019 23:22
 Operator : JC/SP
 Sample : VX1223MBS02
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Manual Integrations
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 12/24/2019 12:05:15 PM

Quant Time: Dec 24 04:02:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	508128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	790046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	703687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	284830	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.49	113	232246	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.71	98	918532	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	322193	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	77441	17.035	ug/l	98
3) Chloromethane	1.32	50	106830	17.511	ug/l	97
4) Vinyl Chloride	1.40	62	113563	17.642	ug/l	100
5) Bromomethane	1.63	94	69385	15.187	ug/l	99
6) Chloroethane	1.72	64	77078	19.401	ug/l	99
7) Trichlorofluoromethane	1.92	101	147189	18.471	ug/l	99
8) Diethyl Ether	2.18	74	69268	18.521	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89436	18.619	ug/l	99
10) Methyl Iodide	2.50	142	83943	15.178	ug/l	98
11) Tert butyl alcohol	3.02	59	127566	102.514	ug/l	95
12) 1,1-Dichloroethene	2.37	96	89689	18.349	ug/l	97
13) Acrolein	2.28	56	60989	85.620	ug/l	95
14) Allyl chloride	2.72	41	160983	18.446	ug/l	99
15) Acrylonitrile	3.13	53	284671	98.012	ug/l	99
16) Acetone	2.43	43	316809	84.736	ug/l	98
17) Carbon Disulfide	2.56	76	228446	17.333	ug/l	100
18) Methyl Acetate	2.76	43	151654	20.470	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	306798	19.101	ug/l	98
20) Methylene Chloride	2.85	84	106926	18.161	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	95489	17.733	ug/l	98
22) Diisopropyl ether	3.84	45	333212	19.160	ug/l	92
23) Vinyl Acetate	3.80	43	807885	56.925	ug/l	100
24) 1,1-Dichloroethane	3.69	63	182281	18.839	ug/l	98
25) 2-Butanone	4.65	43	433076	93.953	ug/l	98
26) 2,2-Dichloropropane	4.58	77	117909	15.695	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	115509	18.967	ug/l	98
28) Bromochloromethane	5.00	49	79039	21.502	ug/l	95
29) Tetrahydrofuran	5.11	42	256401	99.450	ug/l	99
30) Chloroform	5.20	83	176001	19.188	ug/l	100
31) Cyclohexane	5.57	56	158991	18.475	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	145111	18.563	ug/l	100
36) 1,1-Dichloropropene	5.79	75	129902	17.920	ug/l	99
37) Ethyl Acetate	4.82	43	150707	18.826	ug/l	99
38) Carbon Tetrachloride	5.78	117	120421	18.235	ug/l	100

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Quant Time: Dec 24 04:02:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155412	17.363	ug/l	97
40) Benzene	6.14	78	411486	18.448	ug/l	99
41) Methacrylonitrile	5.03	41	84676	19.064	ug/l	97
42) 1,2-Dichloroethane	6.18	62	139976	18.513	ug/l	100
43) Isopropyl Acetate	6.43	43	249034	18.798	ug/l	99
44) Trichloroethene	7.21	130	118801	19.284	ug/l	94
45) 1,2-Dichloropropane	7.51	63	105341	18.426	ug/l	97
46) Dibromomethane	7.65	93	69633	18.423	ug/l	98
47) Bromodichloromethane	7.89	83	131016	18.405	ug/l	97
48) Methyl methacrylate	7.76	41	120297	18.544	ug/l	99
49) 1,4-Dioxane	7.73	88	49979	378.584	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	788818	94.810	ug/l	99
52) Toluene	8.78	92	256258	18.177	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138528	17.747	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159802	18.377	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105834	18.730	ug/l	99
56) Ethyl methacrylate	9.17	69	162718	18.333	ug/l	100
57) 1,3-Dichloropropane	9.37	76	176511	18.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	330514	98.399	ug/l	99
59) 2-Hexanone	9.48	43	616755	92.086	ug/l	99
60) Dibromochloromethane	9.57	129	104708	18.643	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110225	19.066	ug/l	99
64) Tetrachloroethene	9.33	164	162490	26.095	ug/l	98
65) Chlorobenzene	10.14	112	277661	18.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	101252	18.953	ug/l	99
67) Ethyl Benzene	10.25	91	478123	18.587	ug/l	98
68) m/p-Xylenes	10.36	106	366106	37.004	ug/l	100
69) o-Xylene	10.70	106	181483	18.704	ug/l	100
70) Styrene	10.71	104	304405	18.552	ug/l	99
71) Bromoform	10.85	173	77412	18.027	ug/l	99
73) Isopropylbenzene	11.01	105	475413	19.604	ug/l	100
74) N-amyl acetate	10.89	43	206836	18.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	142495	16.948	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	131826m	17.629	ug/l	
77) Bromobenzene	11.25	156	123136	18.454	ug/l	99
78) n-propylbenzene	11.35	91	531824	19.551	ug/l	100
79) 2-Chlorotoluene	11.42	91	315842	19.101	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	389869	19.102	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45047	17.003	ug/l	93
82) 4-Chlorotoluene	11.51	91	362564	18.903	ug/l	98
83) tert-Butylbenzene	11.76	119	331846	16.707	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	395821	19.365	ug/l	100
85) sec-Butylbenzene	11.94	105	452667	19.305	ug/l	100
86) p-Isopropyltoluene	12.06	119	406606	18.957	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211741	18.107	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214611	18.049	ug/l	99
89) n-Butylbenzene	12.39	91	338084	18.473	ug/l	100
90) Hexachloroethane	12.59	117	68869	17.876	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	216402	18.383	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32567	17.504	ug/l	98

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

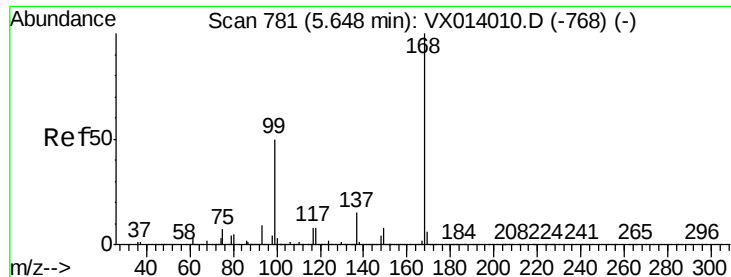
Manual Integrations
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Quant Time: Dec 24 04:02:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134642	17.597	ug/l	96
94) Hexachlorobutadiene	13.78	225	67028	18.228	ug/l	99
95) Naphthalene	13.83	128	424951	18.903	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	140254	18.569	ug/l	96

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



#1

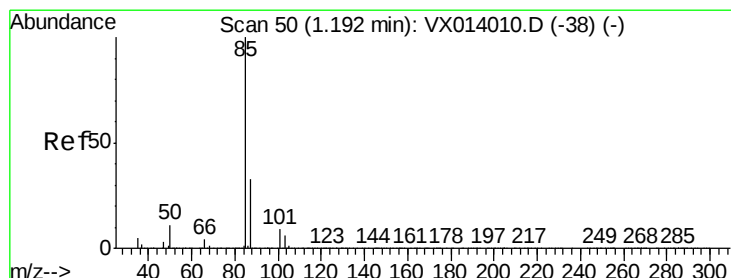
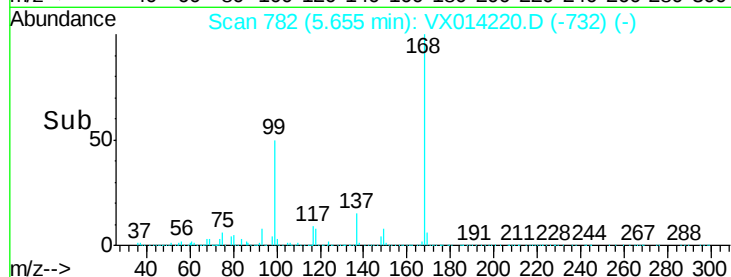
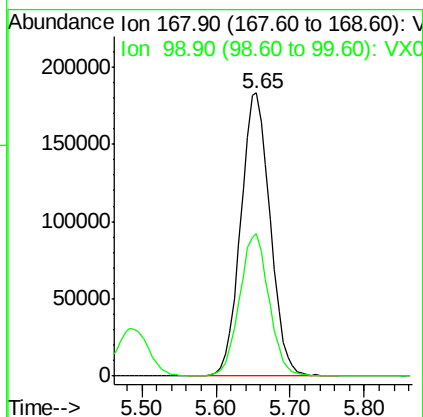
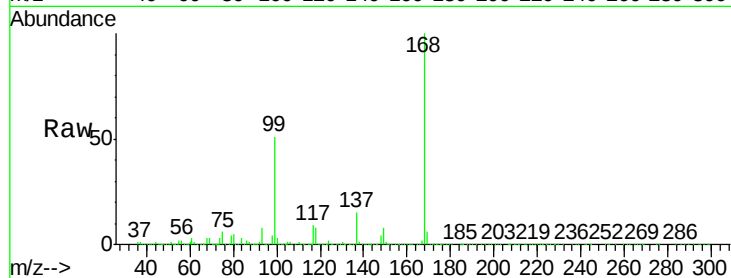
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.3	60.5

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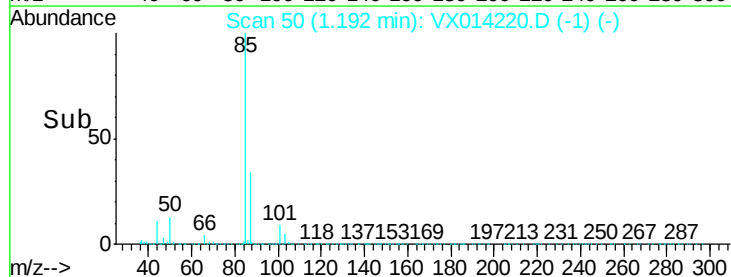
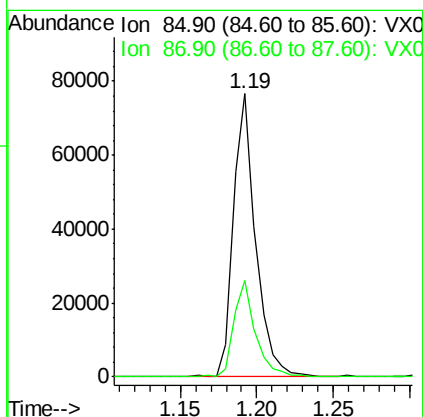
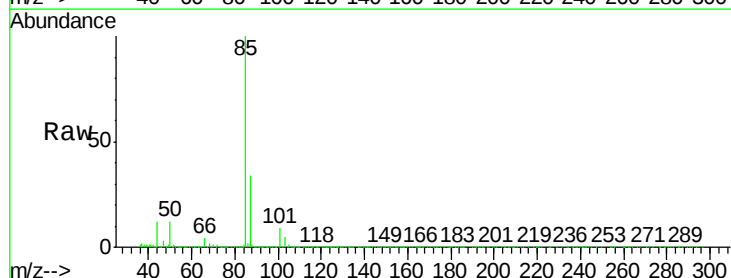
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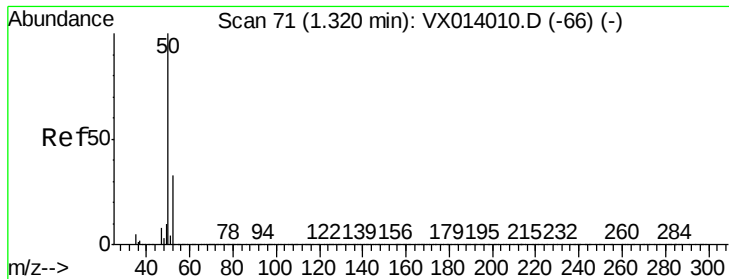


#2

Dichlorodifluoromethane
Concen: 17.035 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.4	49.2





#3

Chloromethane

Concen: 17.511 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 50 Resp: 106830

Ion Ratio Lower Upper

50 100

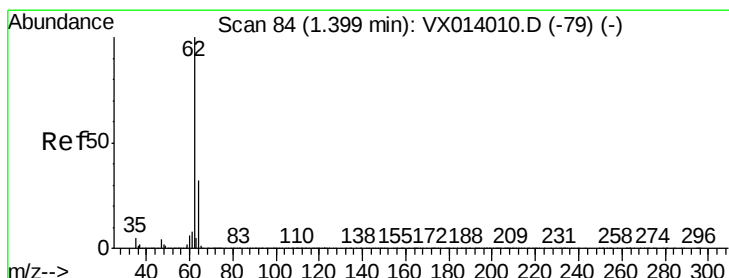
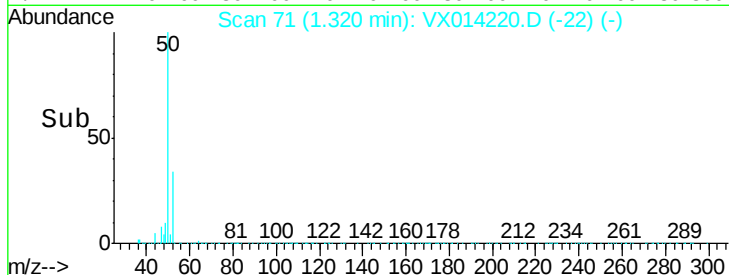
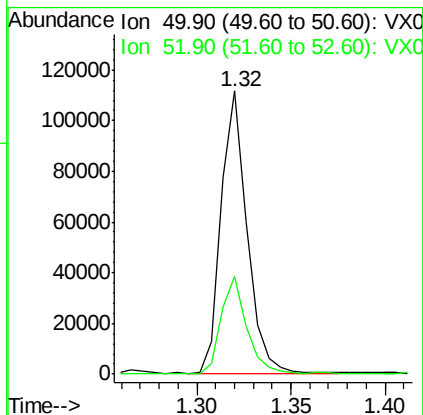
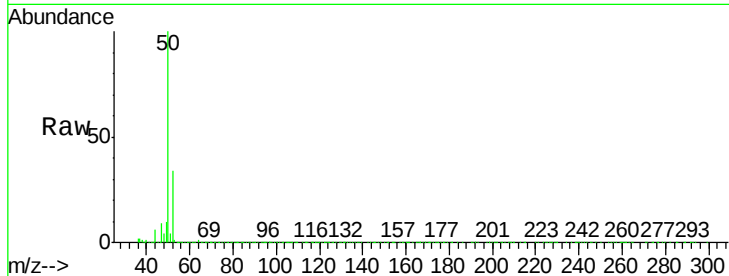
52 34.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 17.642 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014220.D

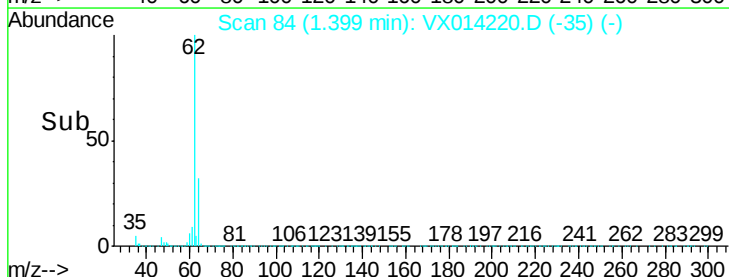
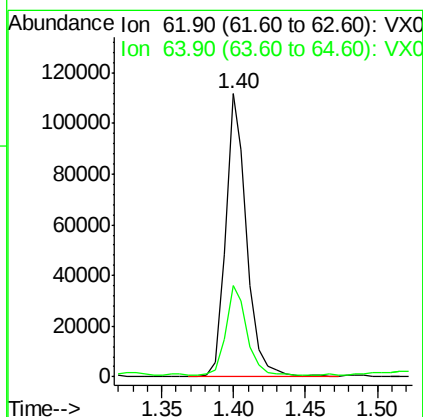
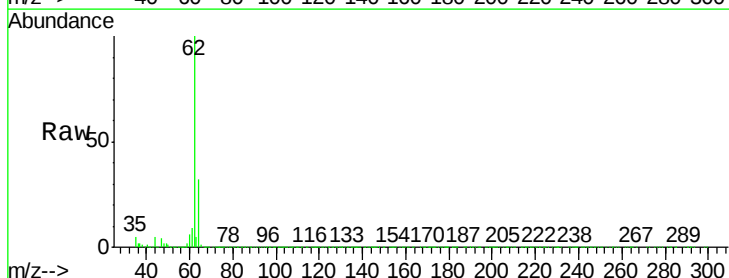
Acq: 23 Dec 2019 23:22

Tgt Ion: 62 Resp: 113563

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 15.187 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 94 Resp: 69385

Ion Ratio Lower Upper

94 100

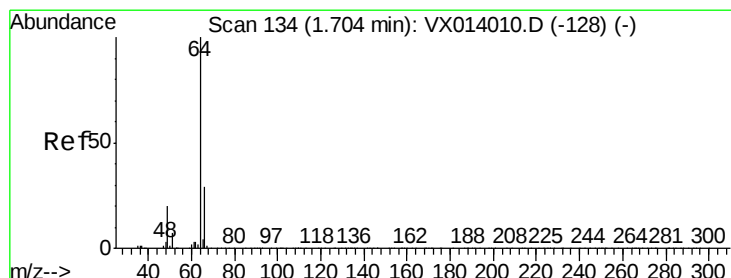
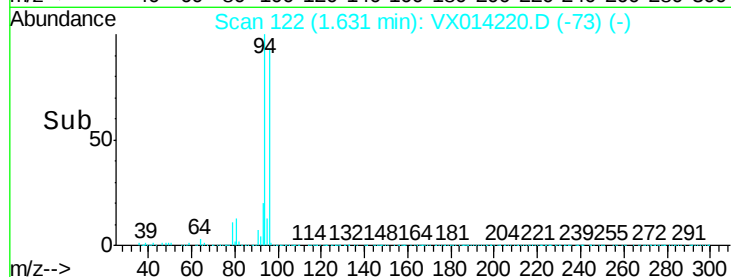
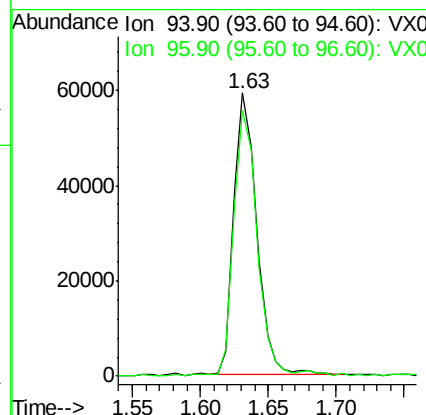
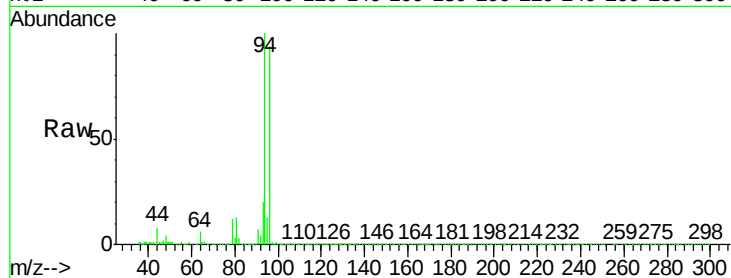
96 93.3 75.2 112.8

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#6

Chloroethane

Concen: 19.401 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014220.D

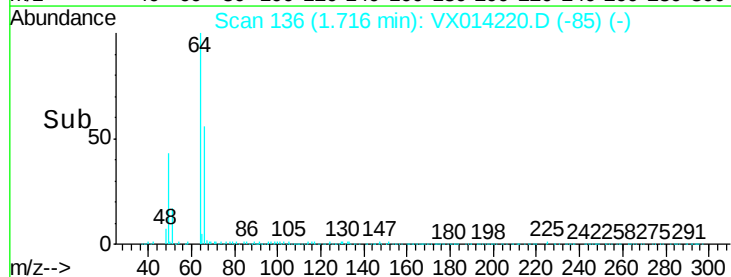
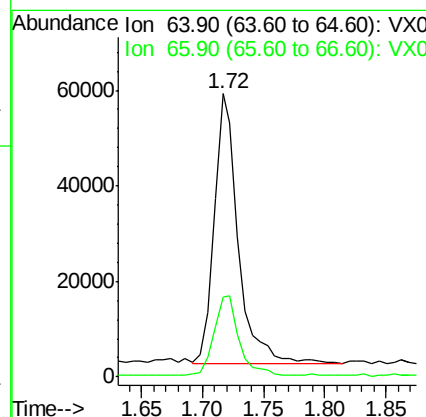
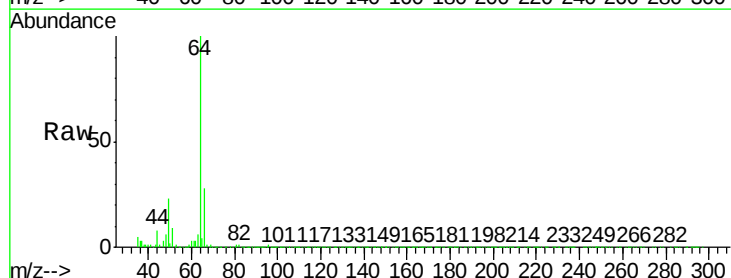
Acq: 23 Dec 2019 23:22

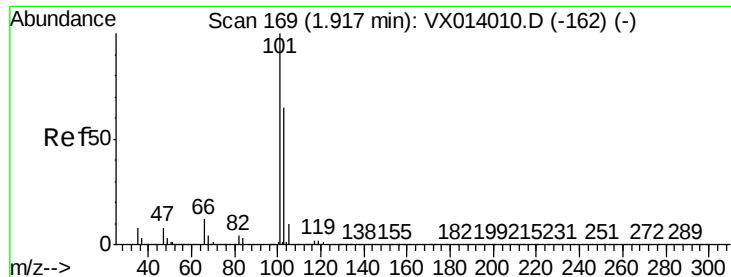
Tgt Ion: 64 Resp: 77078

Ion Ratio Lower Upper

64 100

66 28.8 23.4 35.2





#7

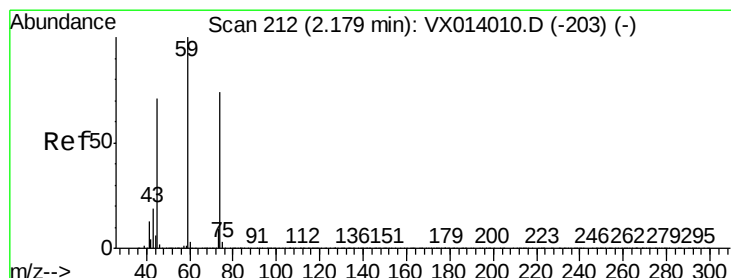
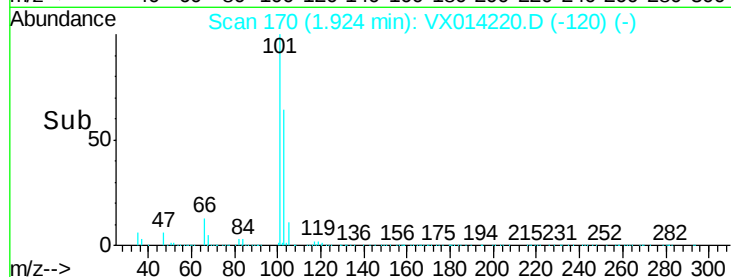
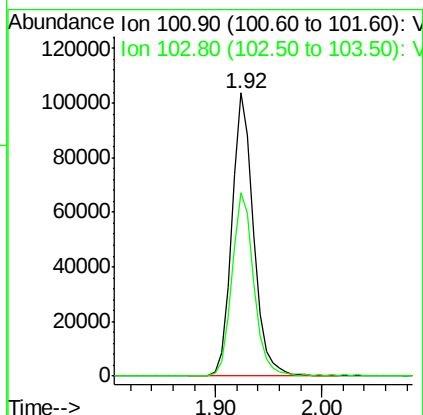
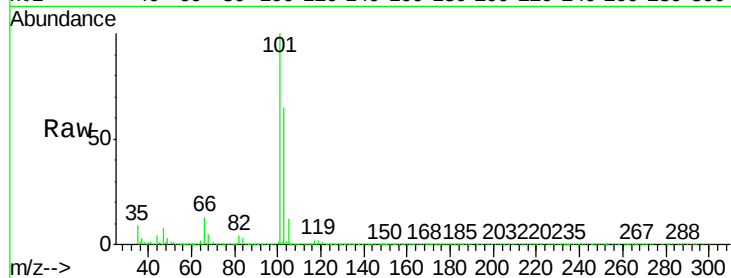
Trichlorofluoromethane
Concen: 18.471 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
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ClientSampleId :
VX1223MBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		147189		
103	64.5	52.2	78.4		

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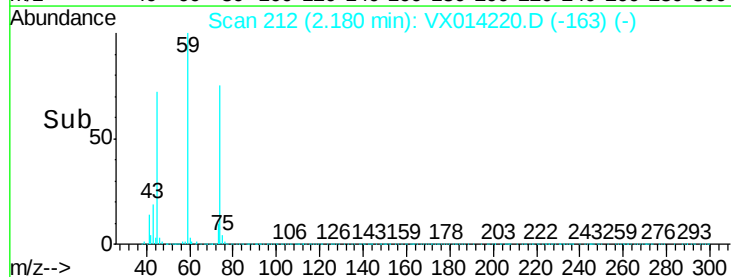
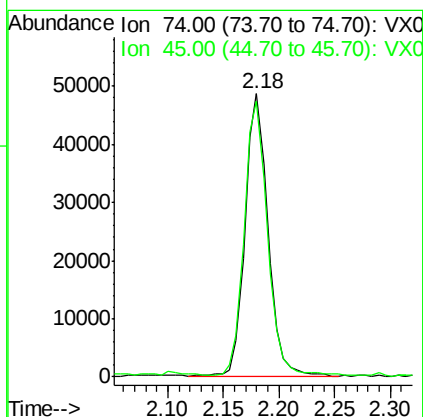
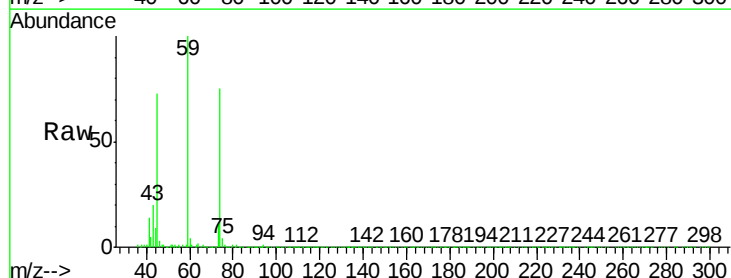
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#8

Diethyl Ether
Concen: 18.521 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		69268		
45	98.2	48.1	144.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.619 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

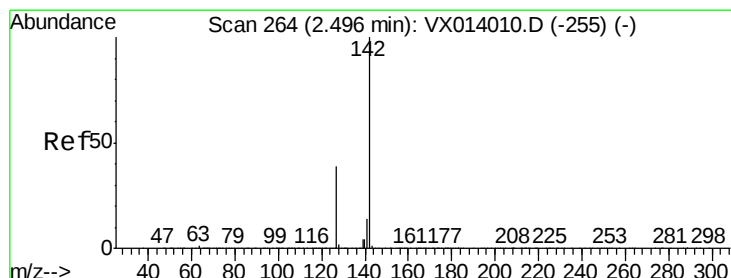
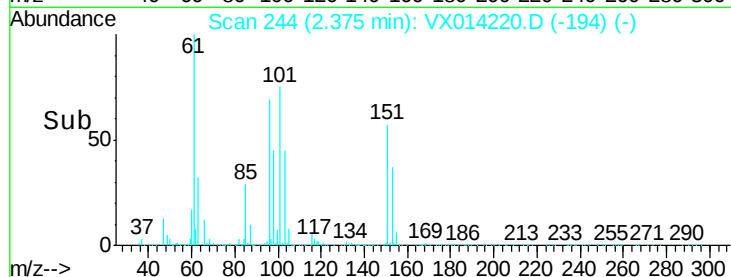
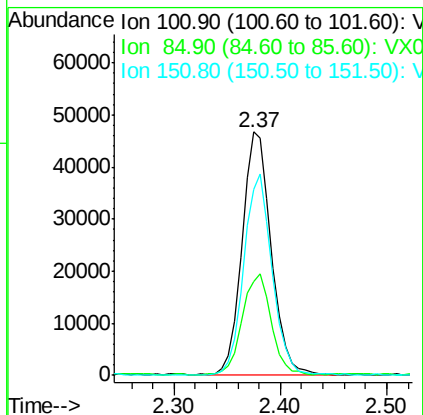
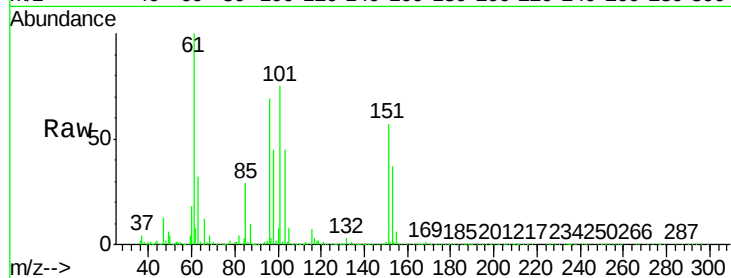
ClientSampleId :

VX1223MBS02

Tot Ion:	101	Resp:	89436
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.7	50.5
151	81.2	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 15.178 ug/l

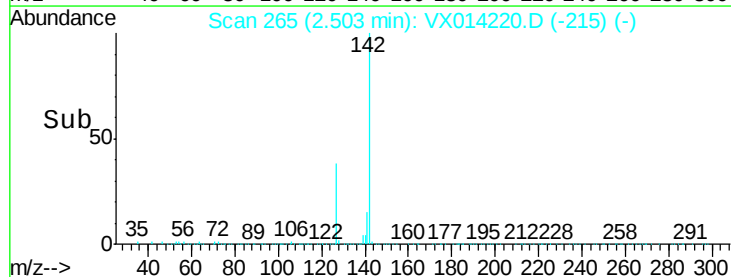
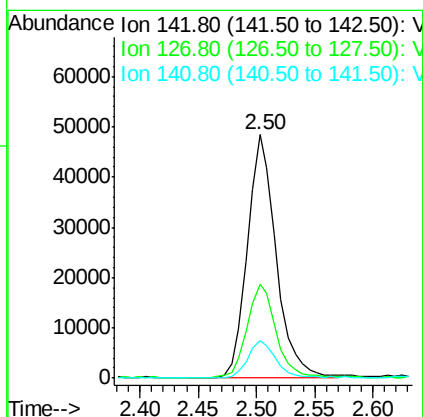
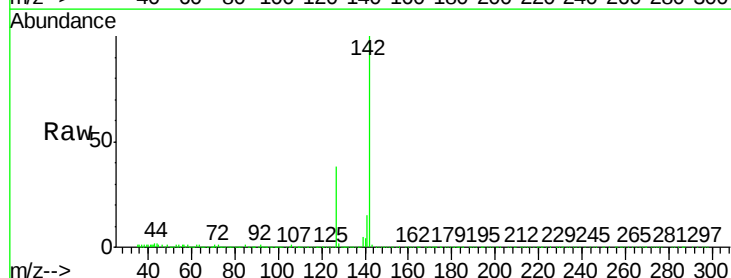
RT: 2.50 min Scan# 265

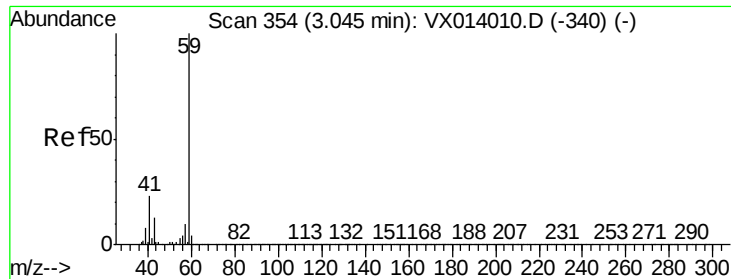
Delta R.T. 0.01 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	142	Resp:	83943
Ion Ratio	Lower	Upper	
142	100		
127	38.2	31.6	47.4
141	14.6	11.6	17.4





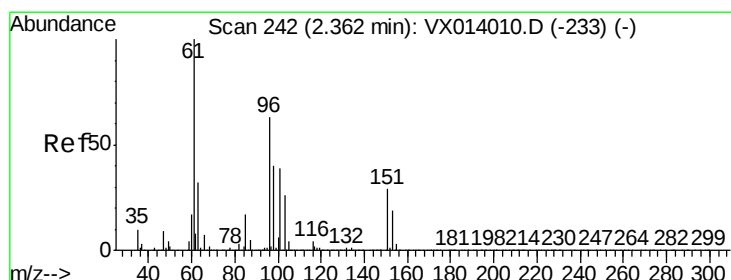
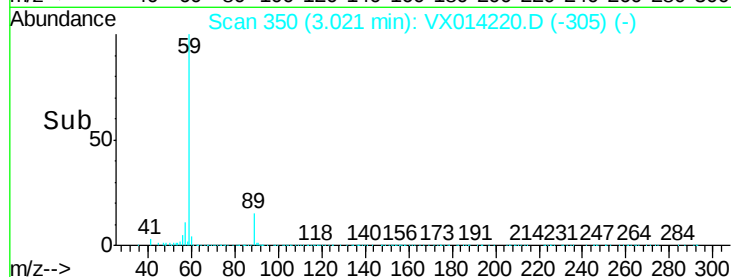
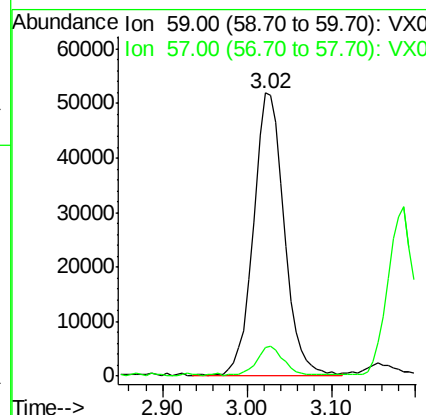
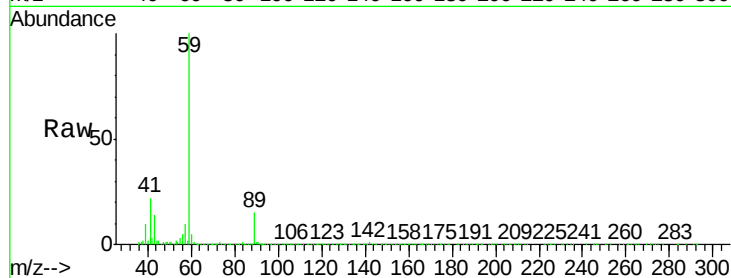
#11
Tert butyl alcohol
Concen: 102.514 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.4	12.6

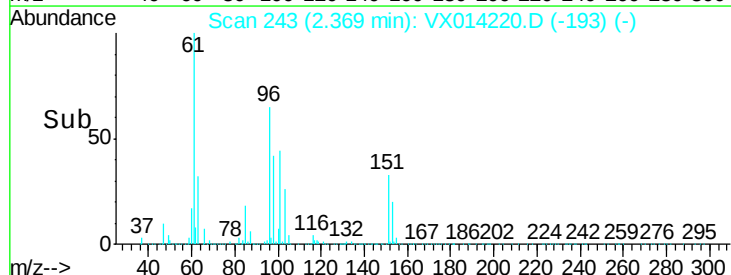
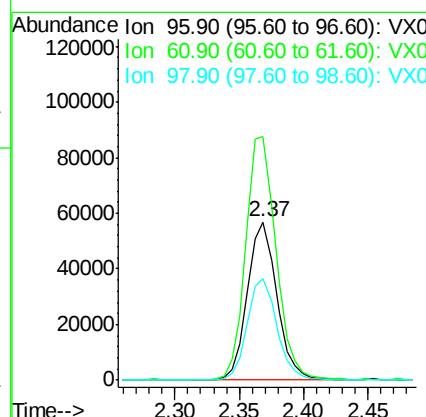
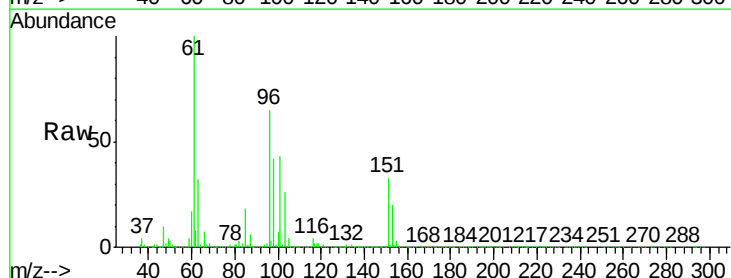
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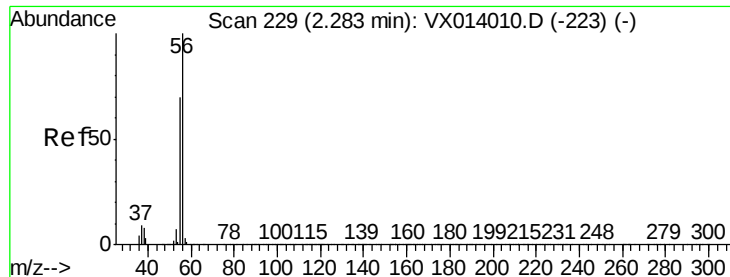
apatel
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#12
1,1-Dichloroethene
Concen: 18.349 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.2	127.9	191.9
98	64.1	50.5	75.7





#13

Acrolein

Concen: 85.620 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 56 Resp: 60989

Ion Ratio Lower Upper

56 100

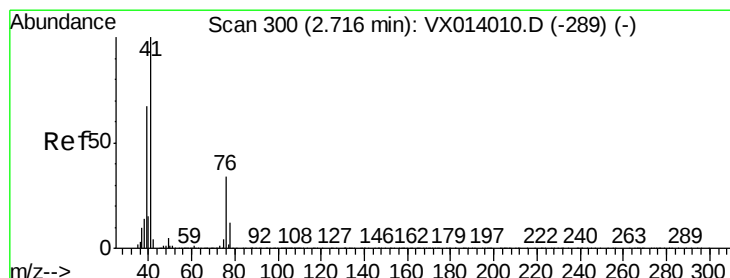
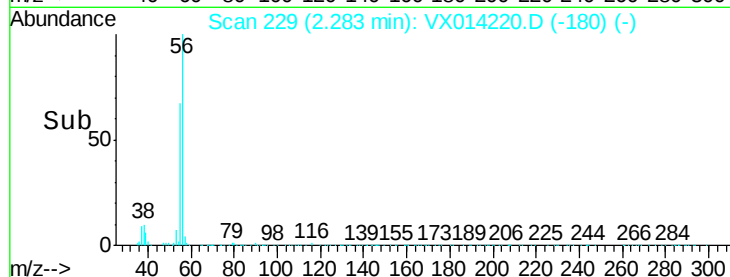
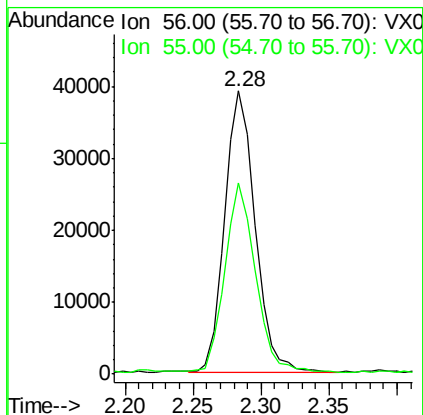
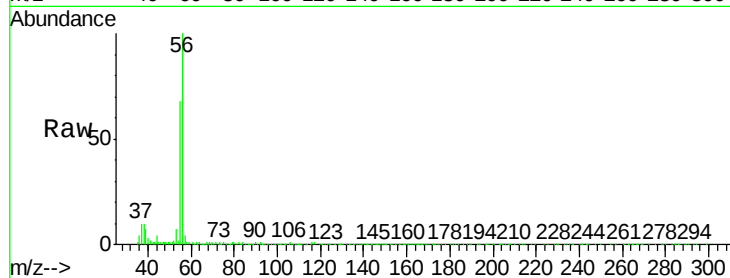
55 66.7 56.9 85.3

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#14

Allyl chloride

Concen: 18.446 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

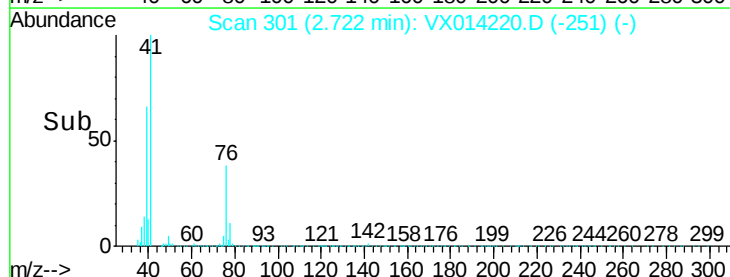
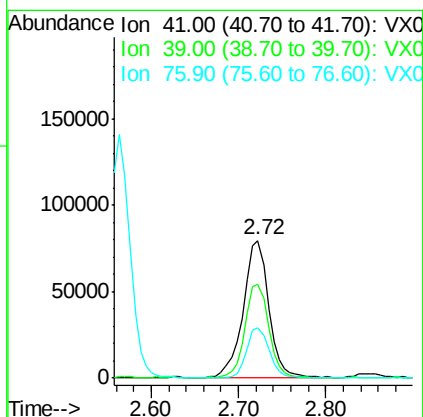
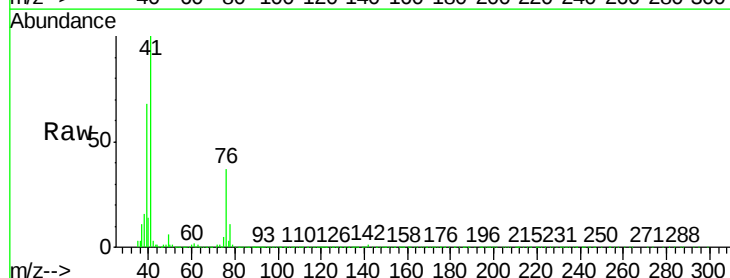
Tgt Ion: 41 Resp: 160983

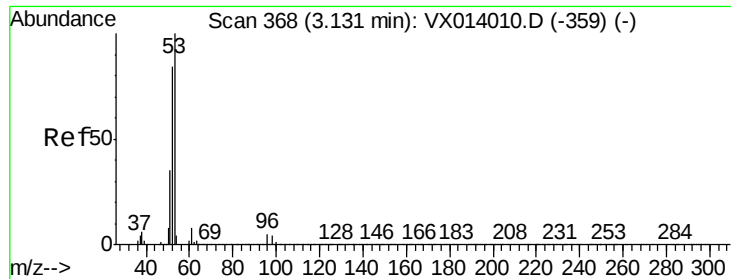
Ion Ratio Lower Upper

41 100

39 64.2 51.8 77.8

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 98.012 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

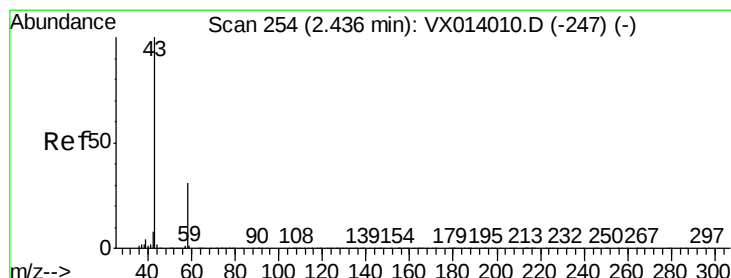
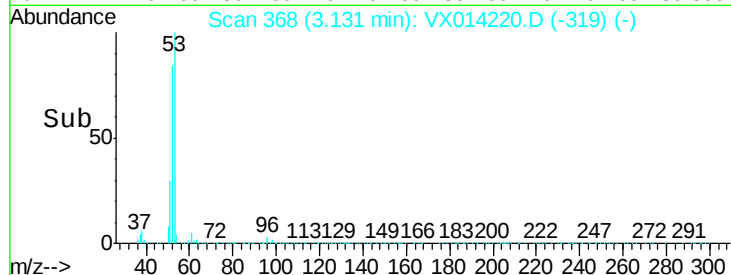
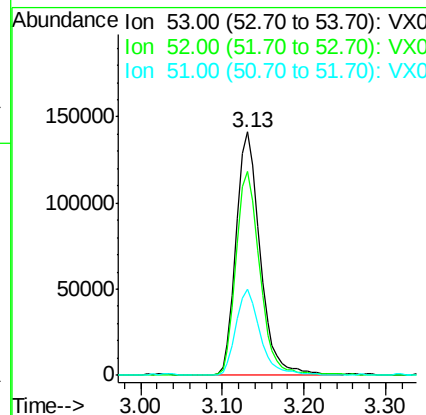
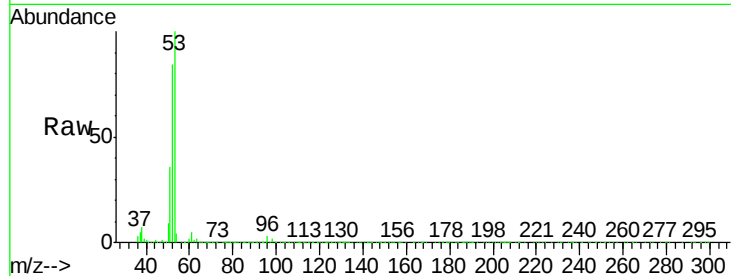
ClientSampleId :

VX1223MBS02

Tot Ion:	53	Resp:	284671
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.5	99.7
51	35.6	28.1	42.1

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#16

Acetone

Concen: 84.736 ug/l

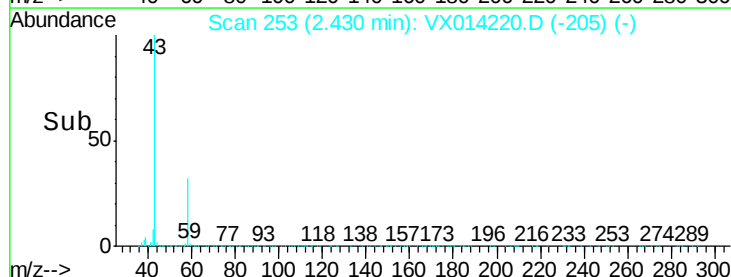
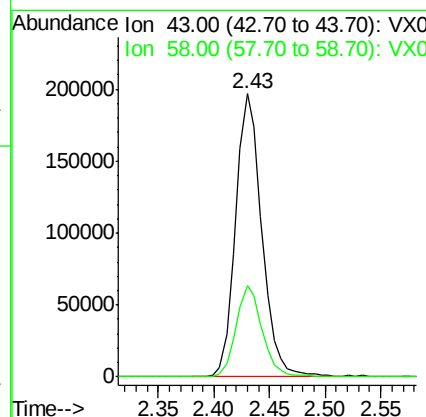
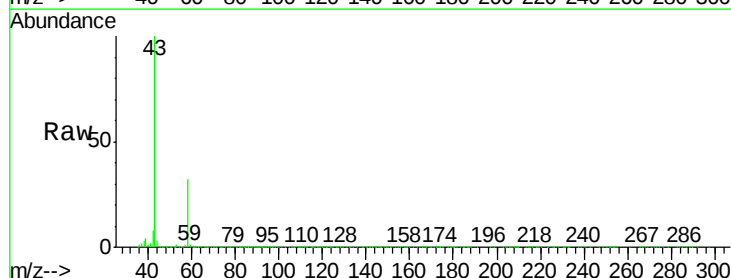
RT: 2.43 min Scan# 253

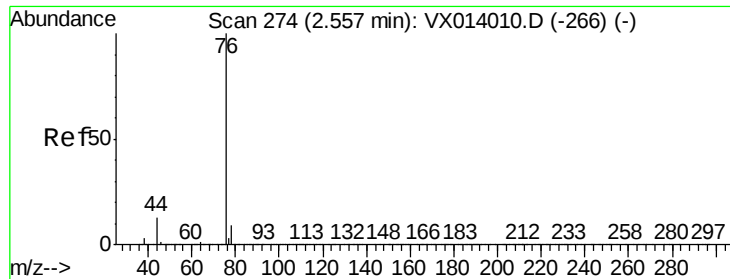
Delta R.T. -0.01 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	43	Resp:	316809
Ion Ratio	Lower	Upper	
43	100		
58	32.2	24.9	37.3





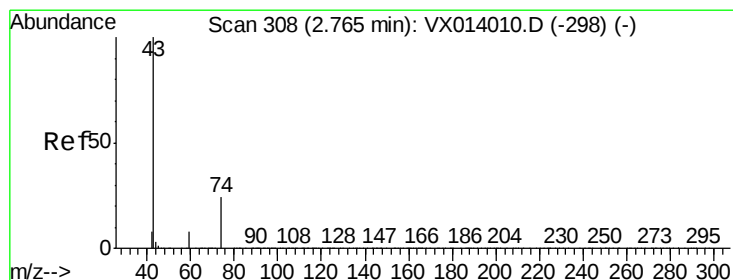
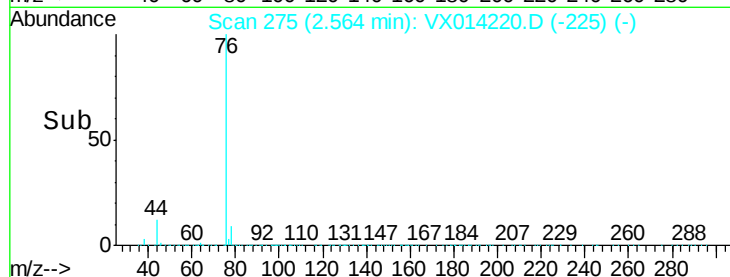
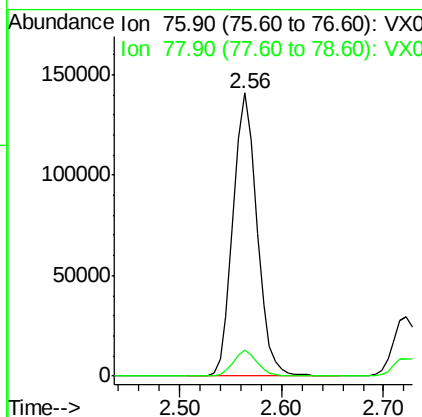
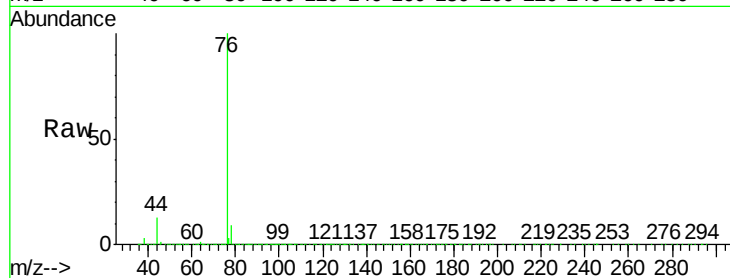
#17
Carbon Disulfide
Concen: 17.333 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

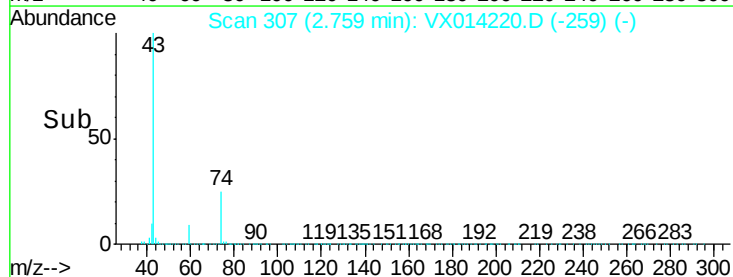
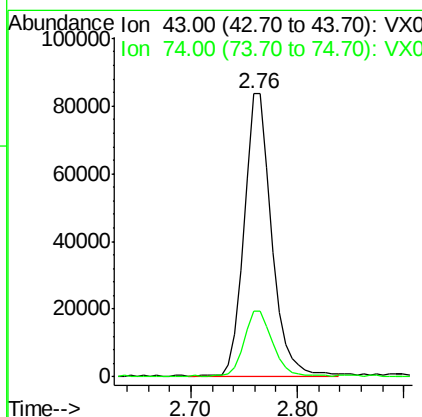
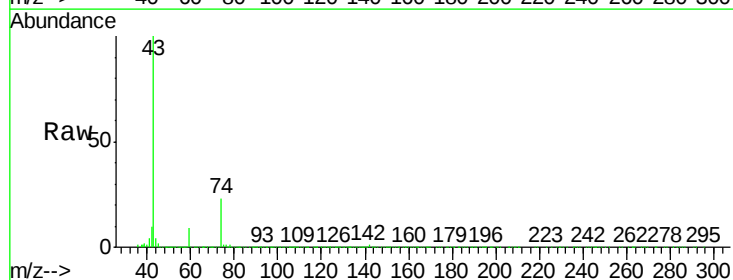
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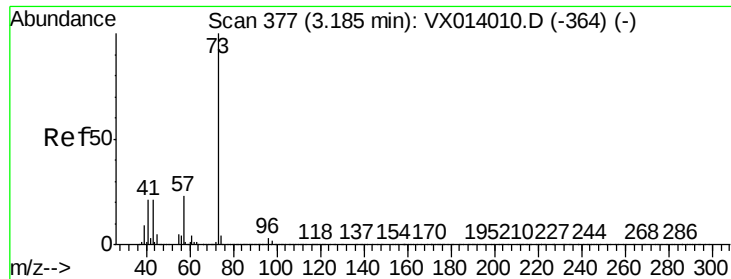
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#18
Methyl Acetate
Concen: 20.470 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.5	29.3





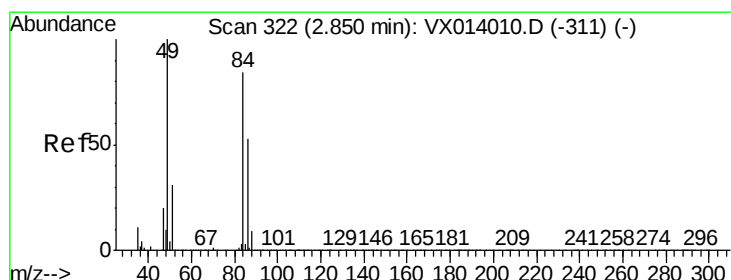
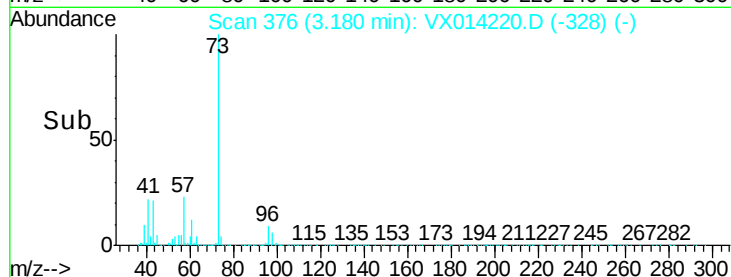
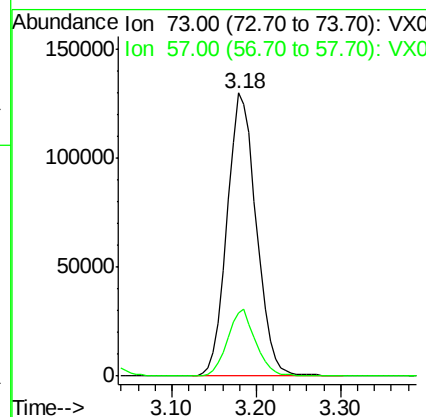
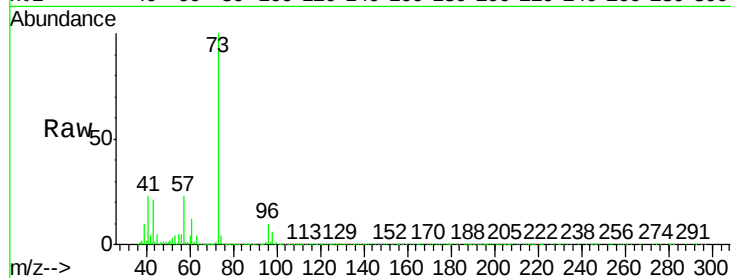
#19
Methyl tert-butyl Ether
Concen: 19.101 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.8	28.2

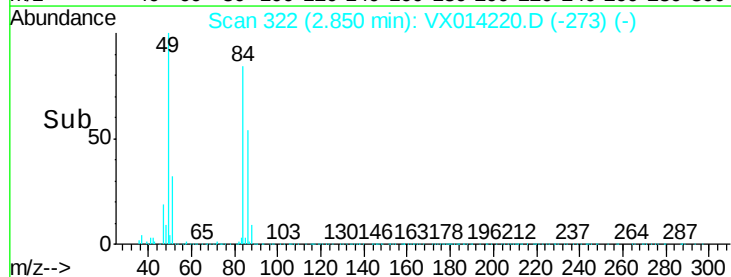
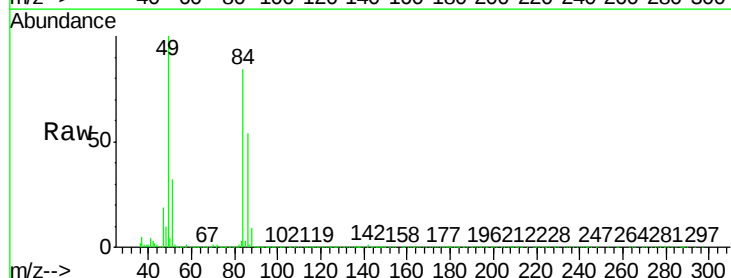
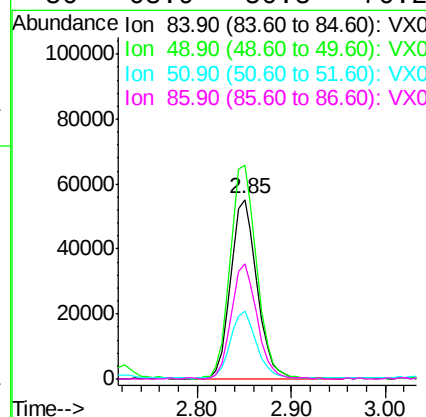
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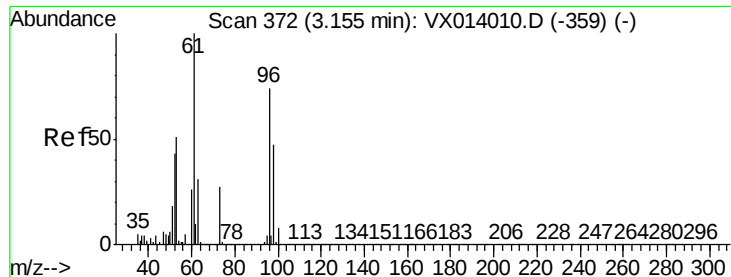
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#20
Methylene Chloride
Concen: 18.161 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	95.8	143.6
51	38.0	29.8	44.8
86	63.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 17.733 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

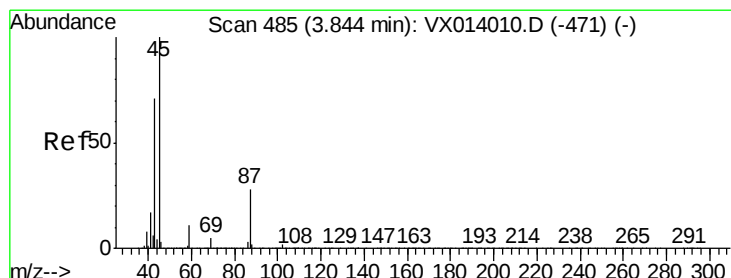
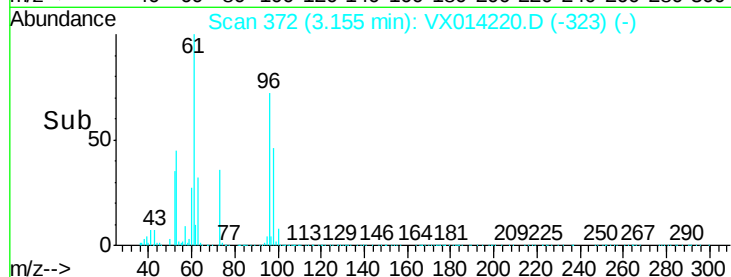
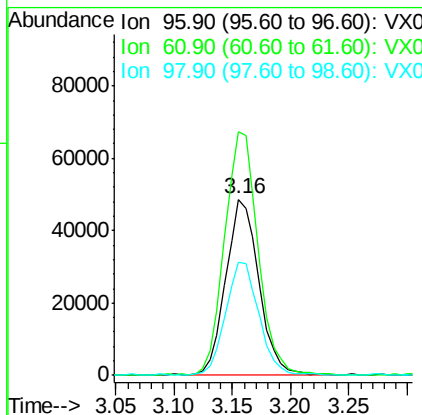
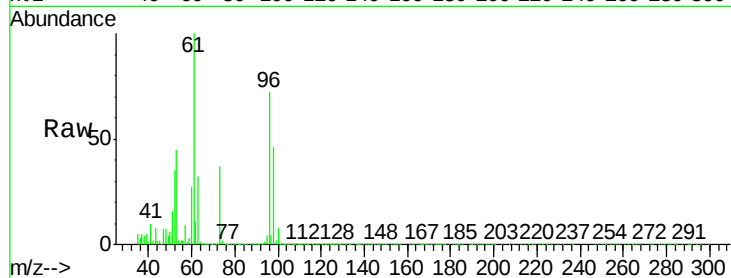
ClientSampleId :

VX1223MBS02

Tot Ion:	96	Resp:	95489
Ion Ratio	Lower	Upper	
96	100		
61	138.0	108.3	162.5
98	63.8	50.8	76.2

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#22

Diisopropyl ether

Concen: 19.160 ug/l

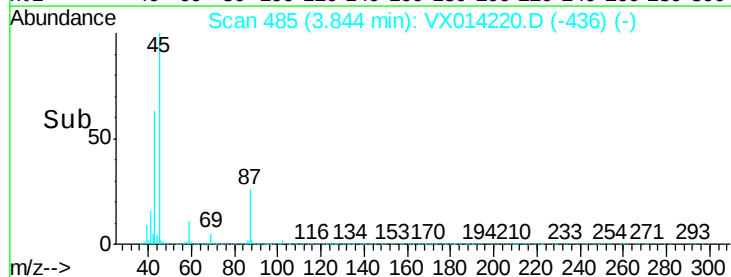
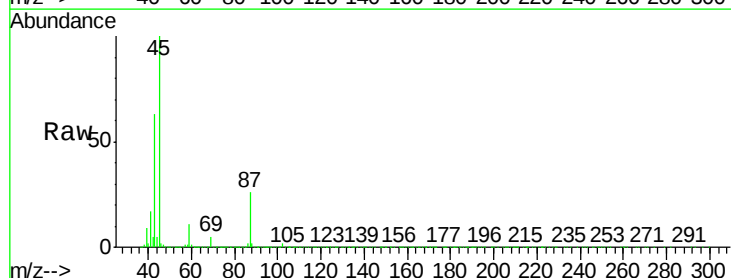
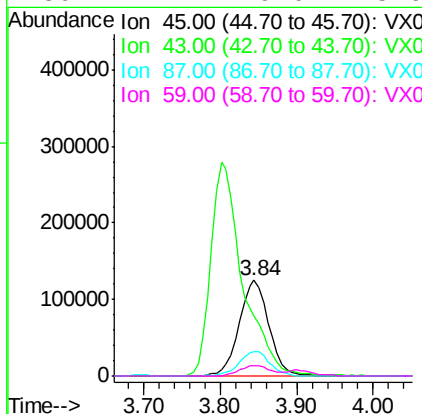
RT: 3.84 min Scan# 485

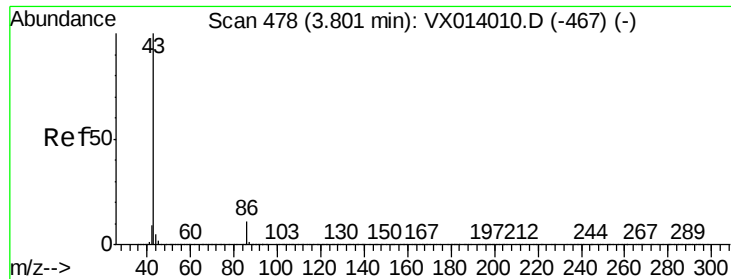
Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	45	Resp:	333212
Ion Ratio	Lower	Upper	
45	100		
43	62.6	57.4	86.0
87	25.7	21.9	32.9
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 56.925 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 43 Resp: 807885

Ion Ratio Lower Upper

43 100

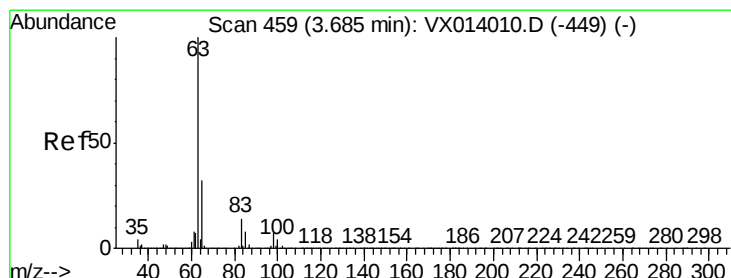
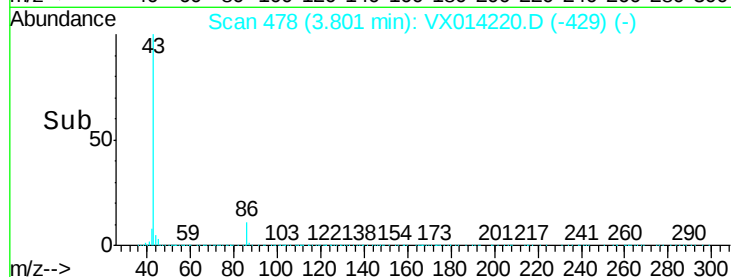
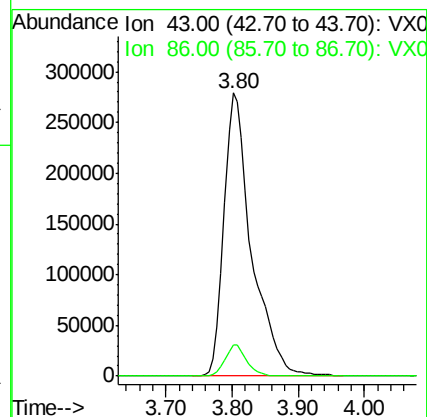
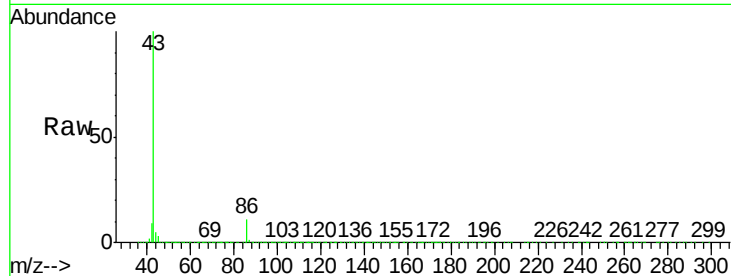
86 10.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 18.839 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

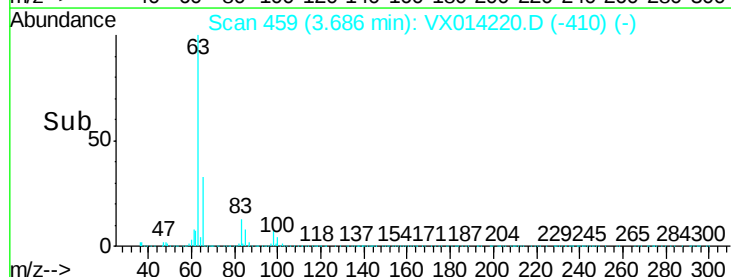
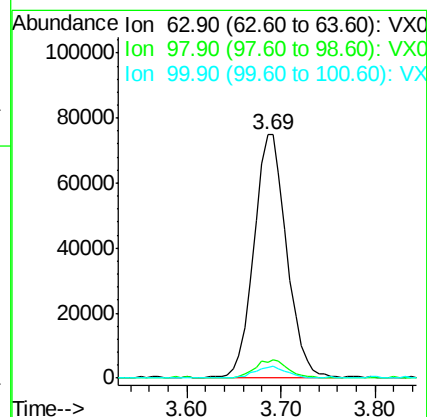
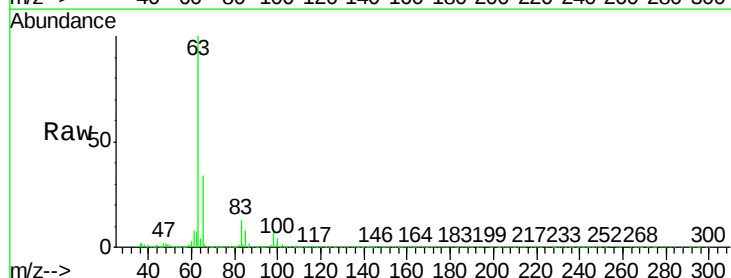
Tgt Ion: 63 Resp: 182281

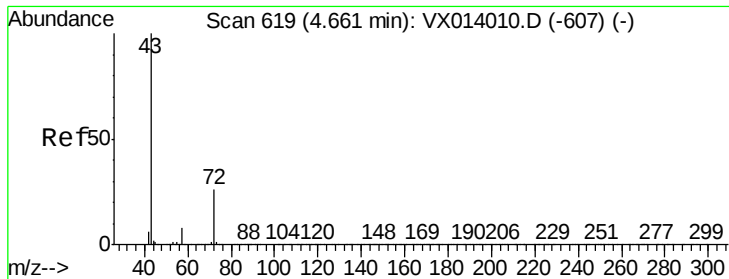
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 93.953 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tot Ion: 43 Resp: 433076

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

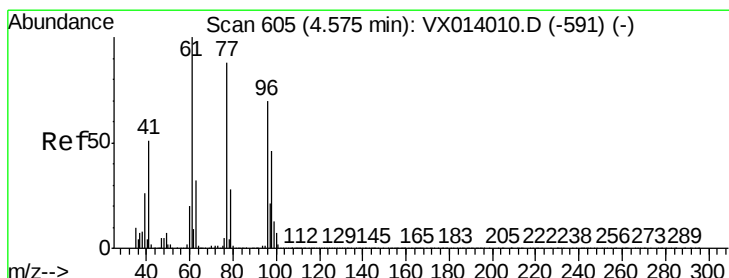
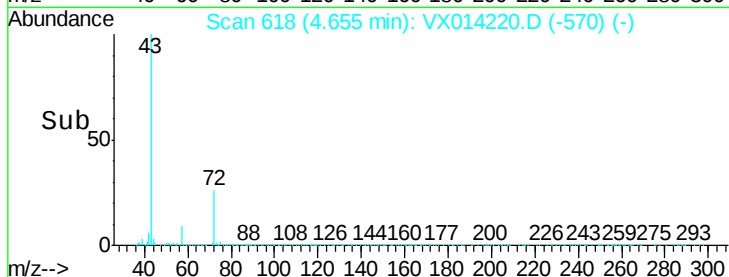
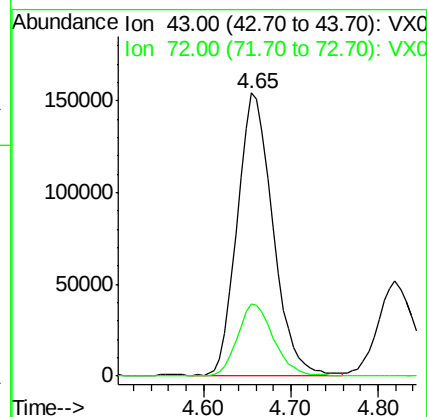
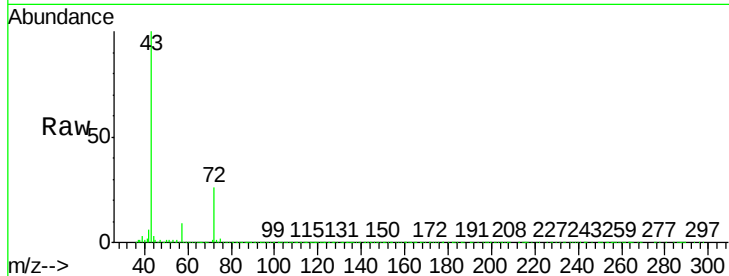
VX1223MBS02

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#26

2,2-Dichloropropane

Concen: 15.695 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014220.D

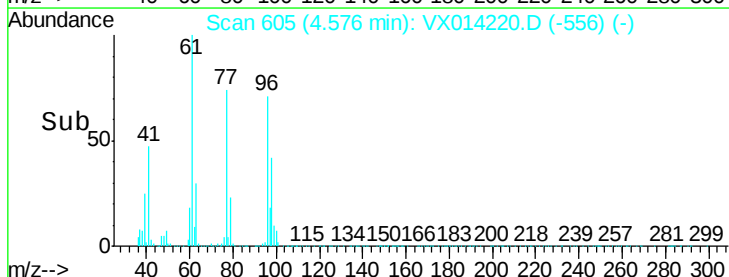
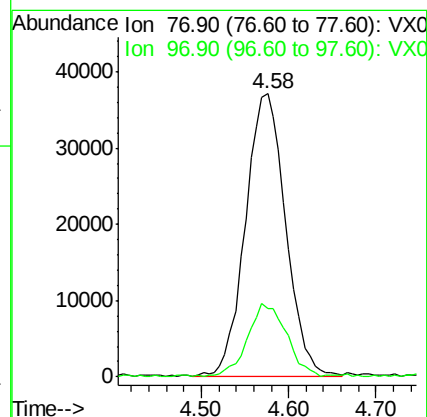
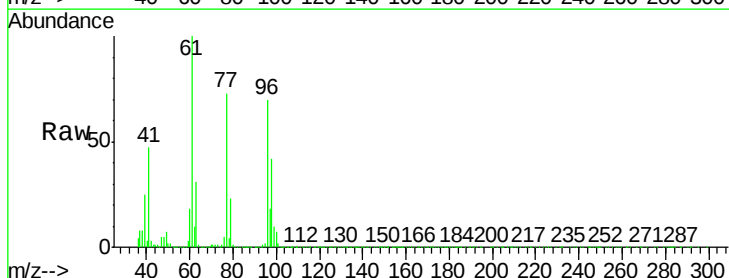
Acq: 23 Dec 2019 23:22

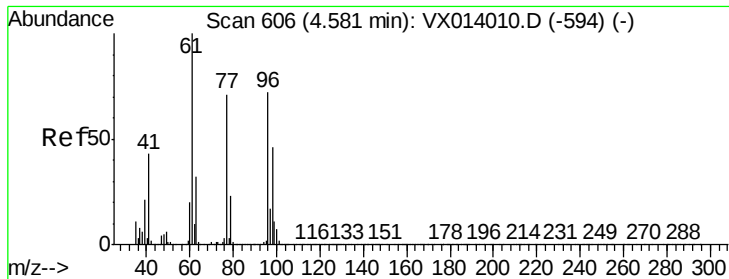
Tgt Ion: 77 Resp: 117909

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.9





#27

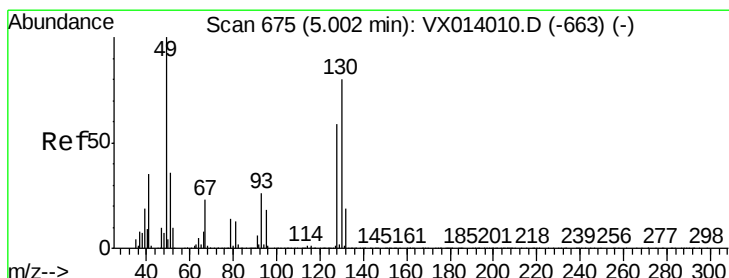
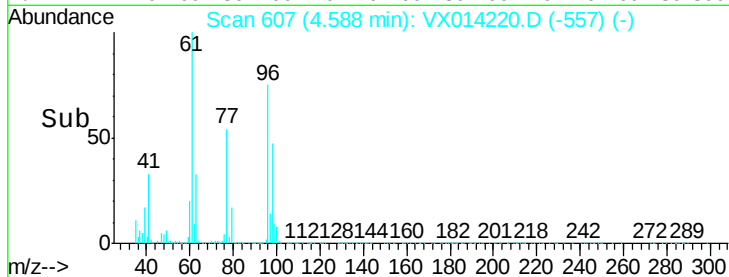
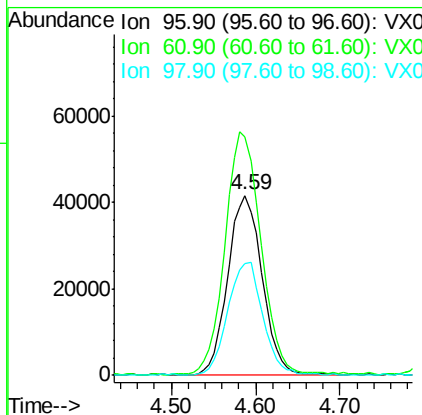
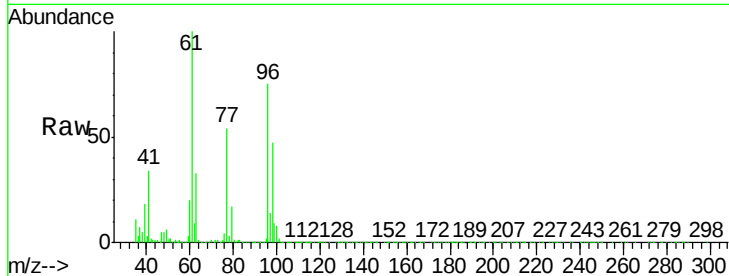
cis-1,2-Dichloroethene
Concen: 18.967 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	115509		
61	141.3	0.0	288.4	
98	62.6	0.0	129.6	

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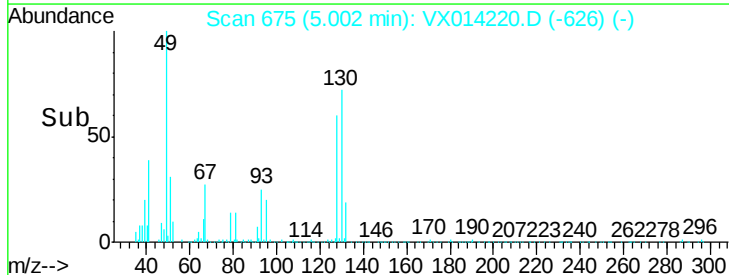
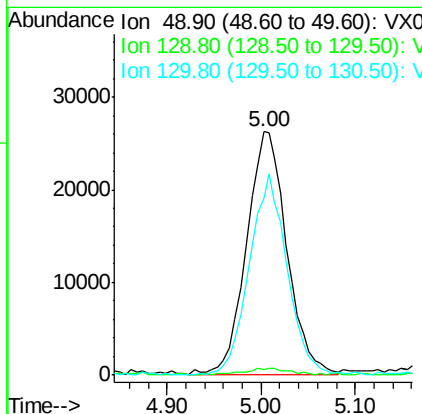
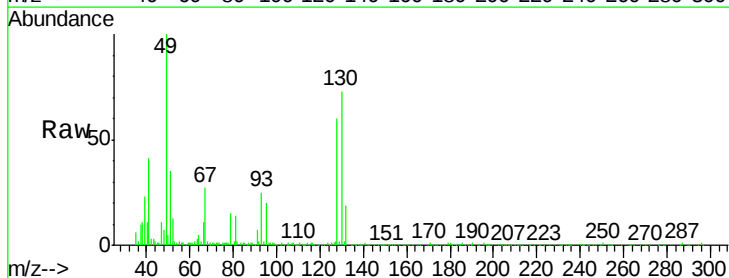
apatel
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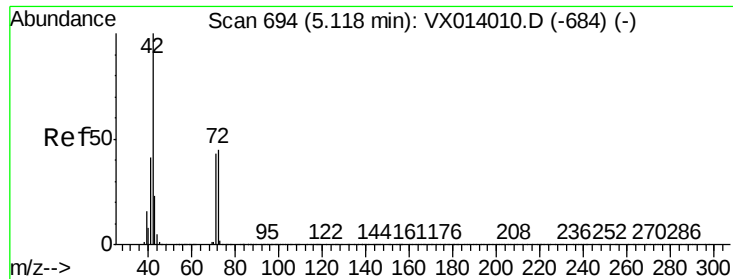


#28

Bromochloromethane
Concen: 21.502 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79039		
129	3.0	0.0	5.0	
130	76.5	64.6	97.0	





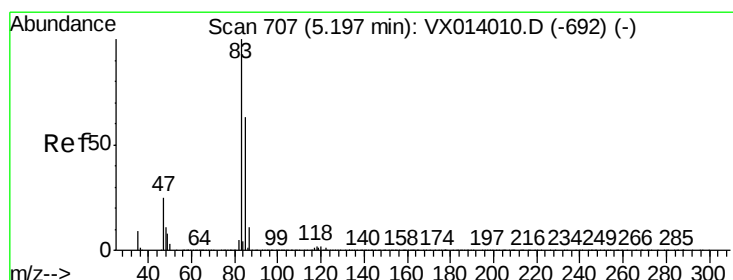
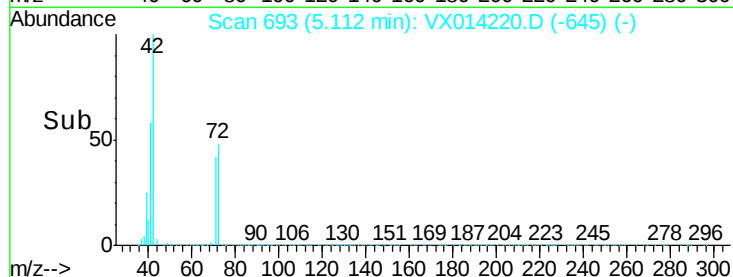
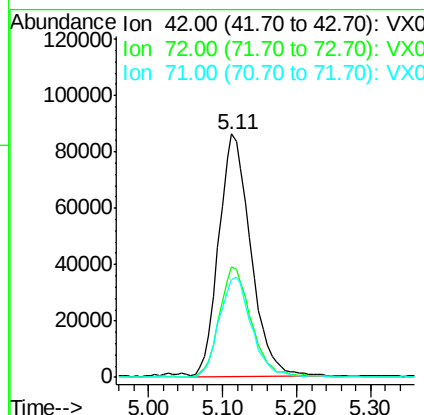
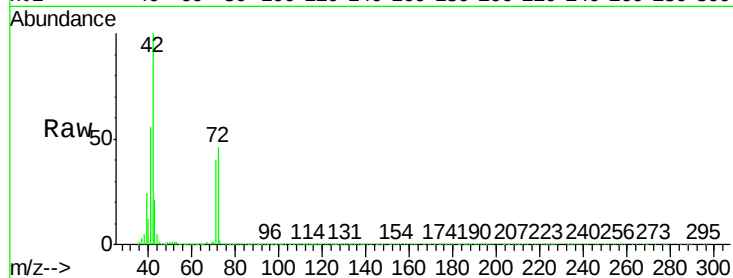
#29
Tetrahydrofuran
Concen: 99.450 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.8	53.8
71	41.0	33.6	50.4

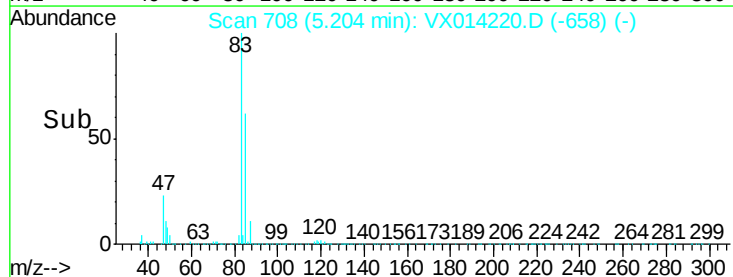
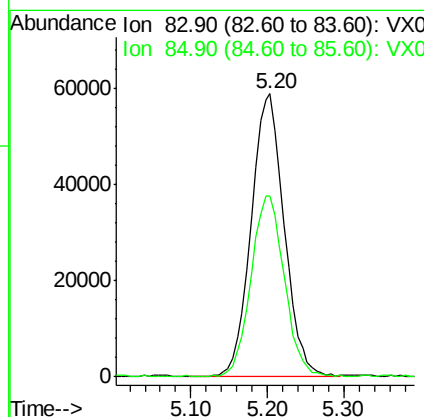
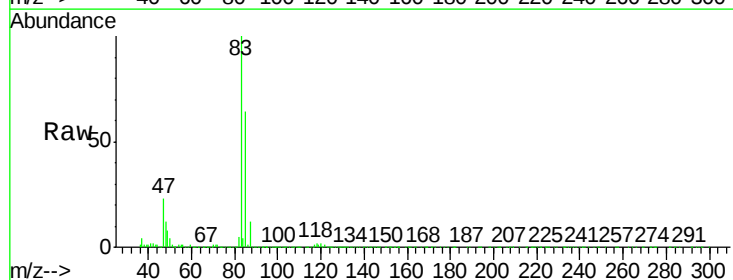
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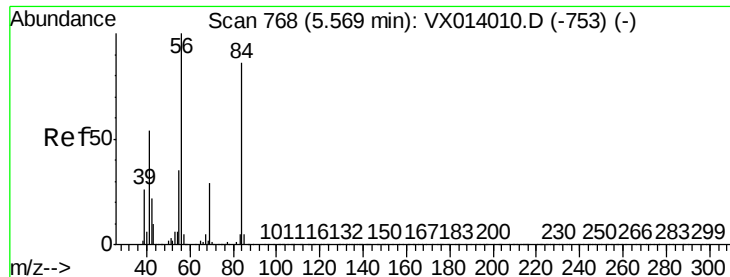
apatel
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#30
Chloroform
Concen: 19.188 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.8	76.2





#31

Cyclohexane

Concen: 18.475 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

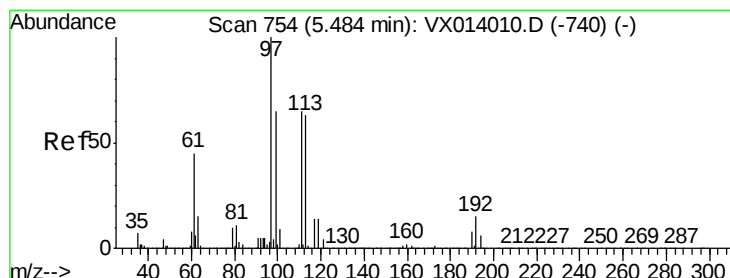
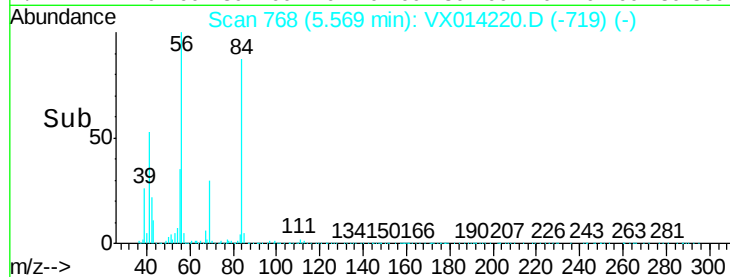
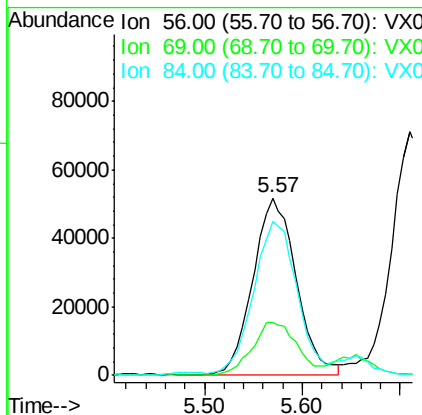
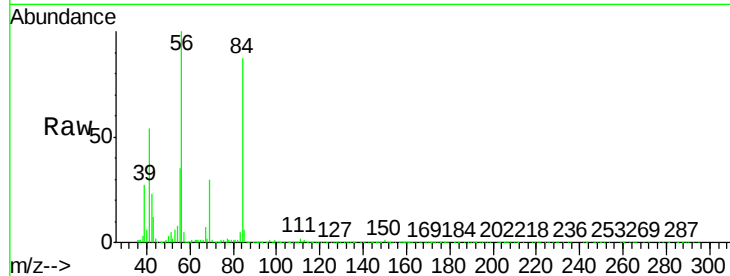
ClientSampleId :

VX1223MBS02

Tot Ion:	56	Resp:	158991
Ion Ratio		Lower	Upper
56	100		
69	30.0	23.2	34.8
84	85.4	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 18.563 ug/l

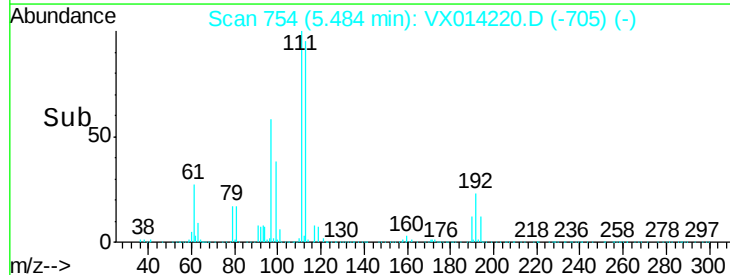
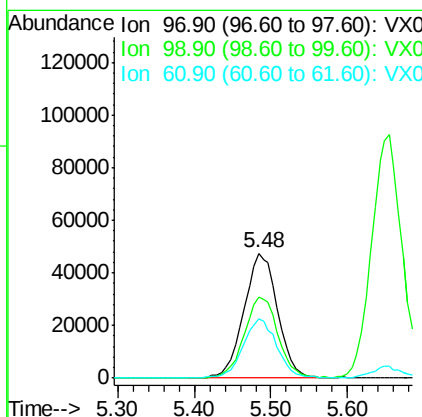
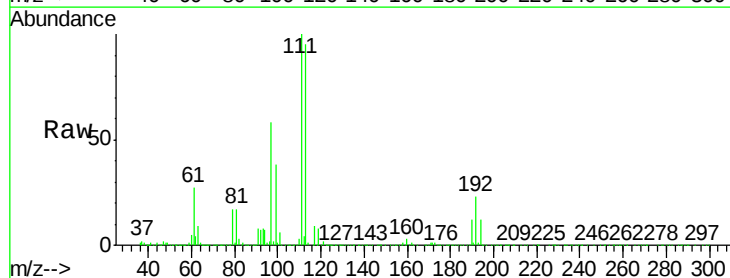
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	97	Resp:	145111
Ion Ratio		Lower	Upper
97	100		
99	65.1	52.0	78.0
61	46.1	36.7	55.1





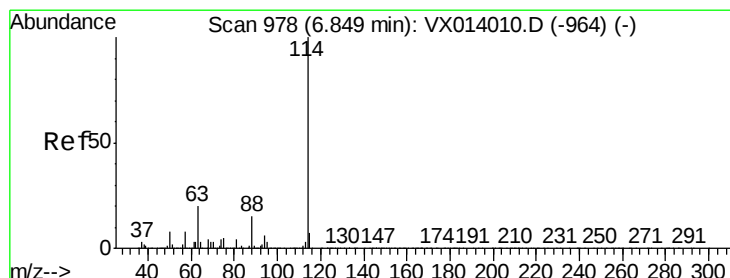
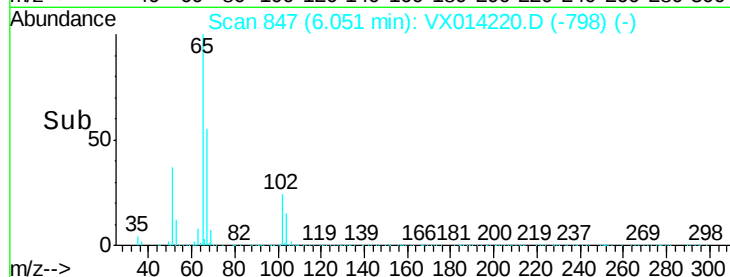
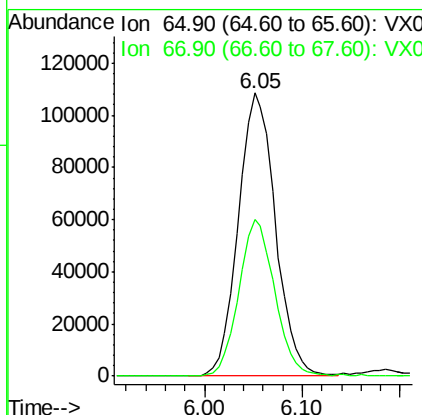
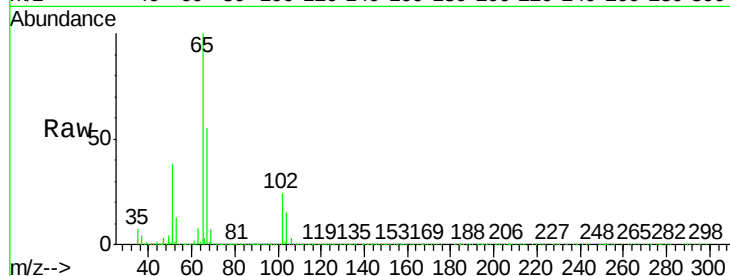
#33
 1,2-Dichloroethane-d4
 Concen: 49.459 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	284830		
67	53.9	0.0	106.4	

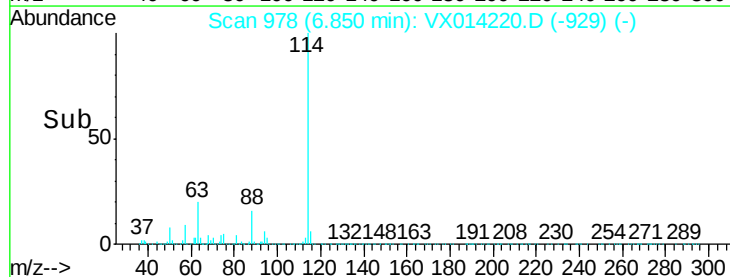
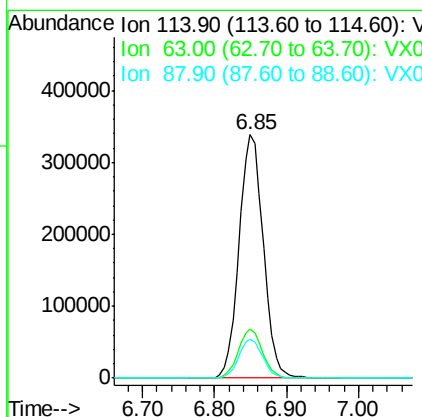
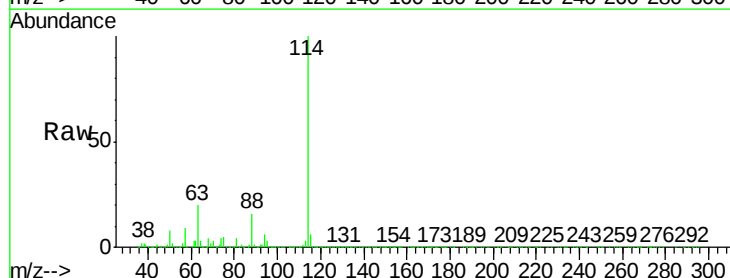
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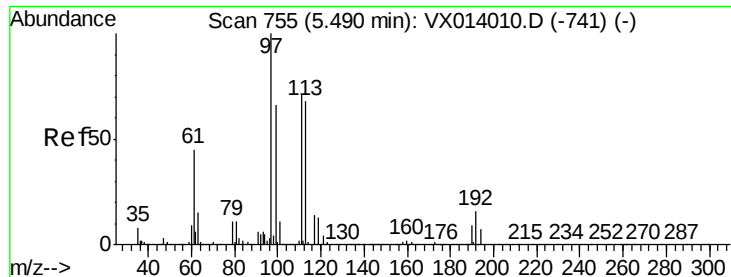
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	790046		
63	20.2	0.0	40.8	
88	16.0	0.0	30.4	





#35

Dibromofluoromethane

Concen: 48.358 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

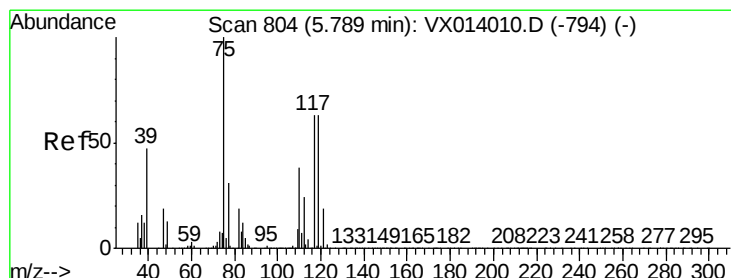
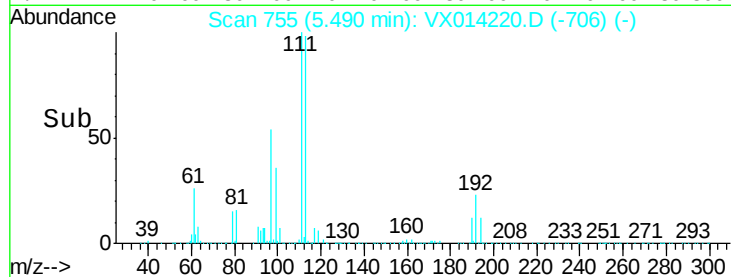
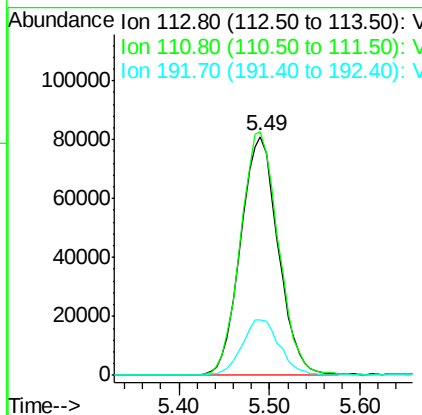
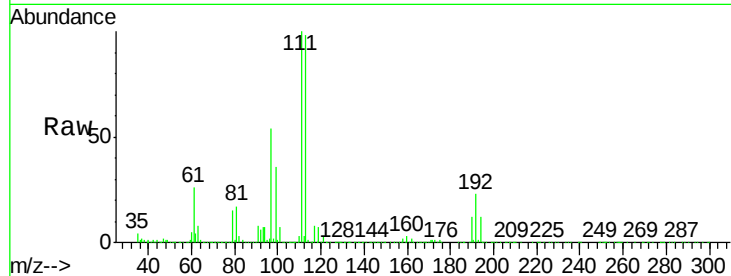
ClientSampleId :

VX1223MBS02

Tot Ion:	113	Resp:	232246
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.0	123.0
192	23.3	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 17.920 ug/l

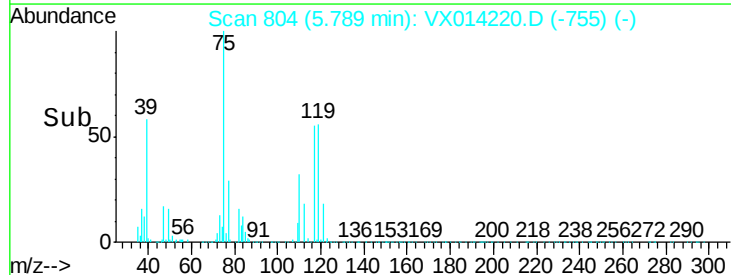
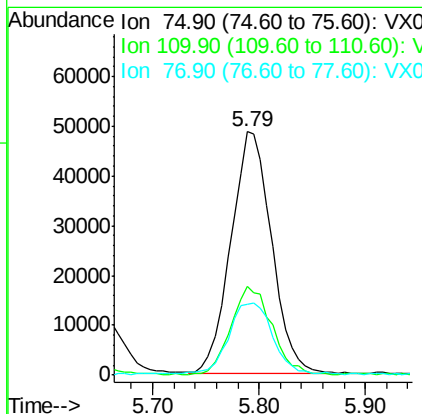
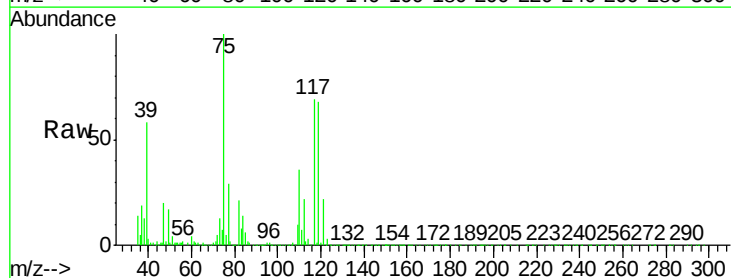
RT: 5.79 min Scan# 804

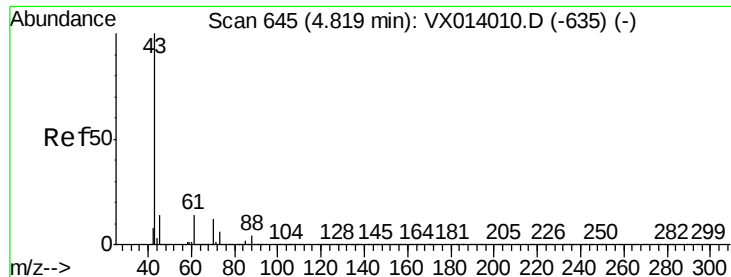
Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	75	Resp:	129902
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.9
77	31.4	24.8	37.2





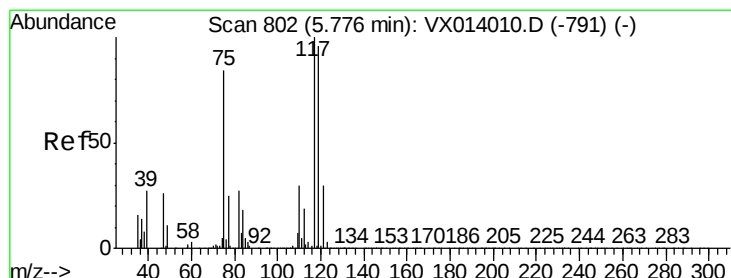
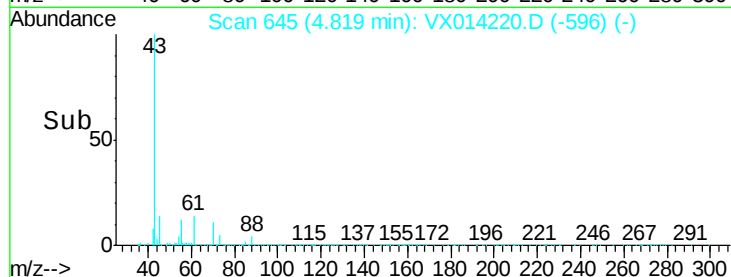
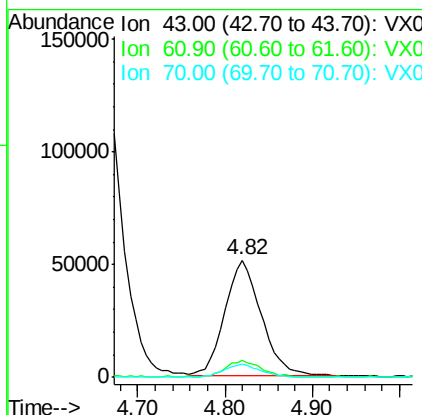
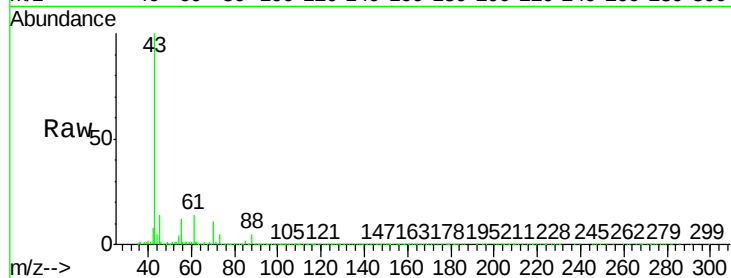
#37
Ethyl Acetate
Concen: 18.826 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.8	16.2
70	11.4	8.6	12.8

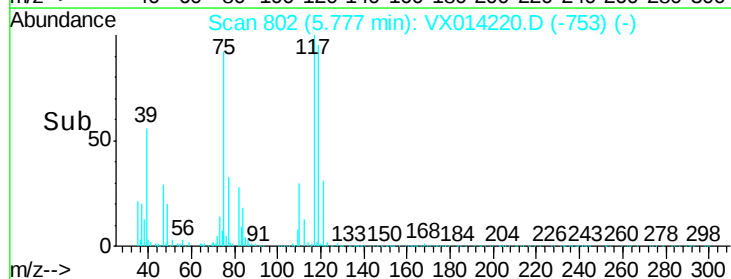
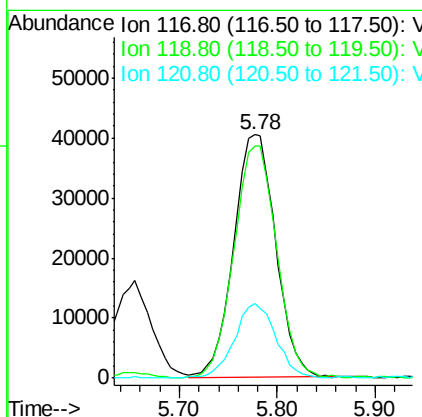
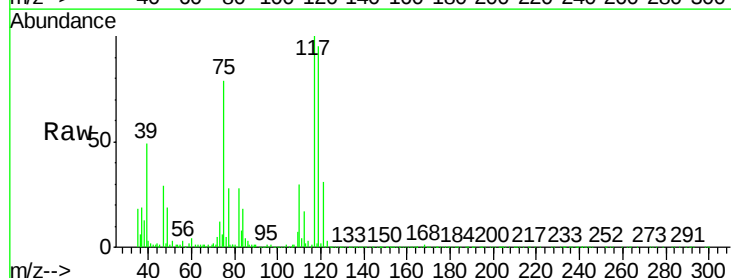
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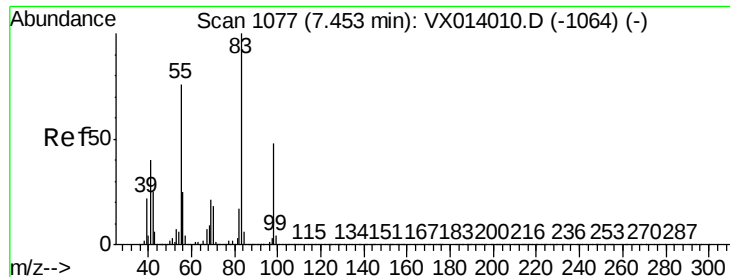
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#38
Carbon Tetrachloride
Concen: 18.235 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.4
121	30.4	23.6	35.4





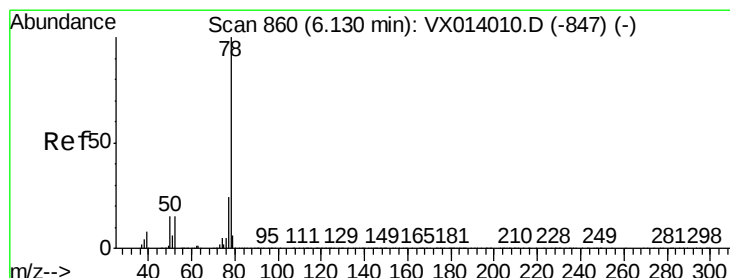
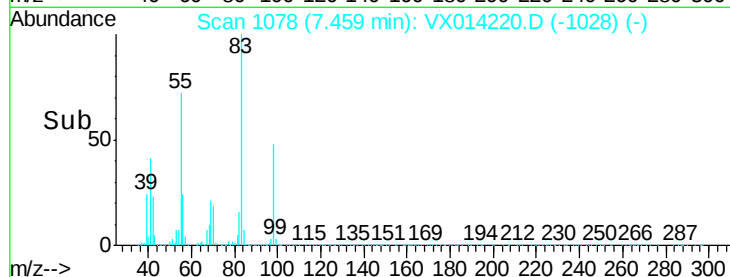
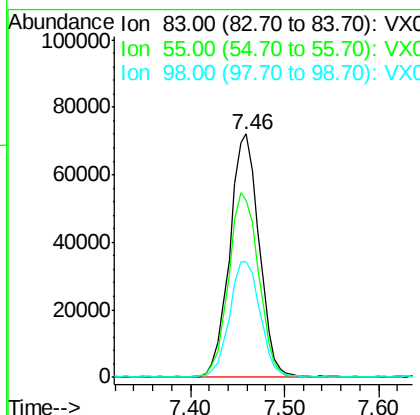
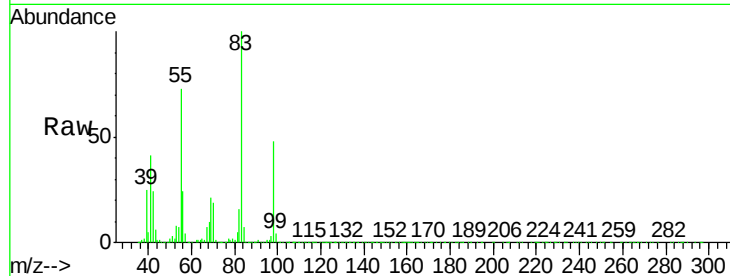
#39
Methvlcvclohexane
Concen: 17.363 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	155412		
55	72.5	61.0	91.6	
98	47.6	38.6	57.8	

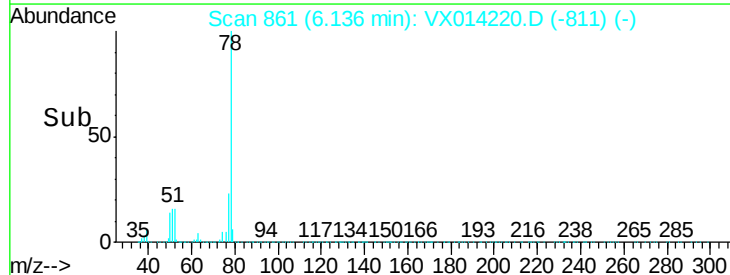
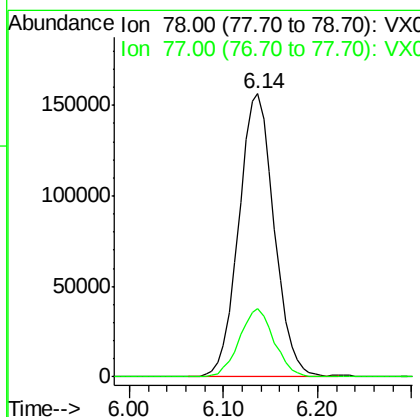
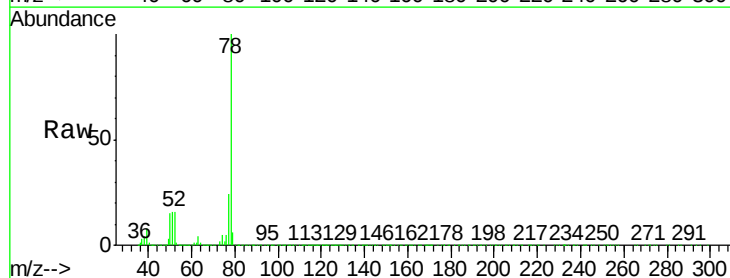
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#40
Benzene
Concen: 18.448 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	411486		
77	24.2	18.8	28.2	





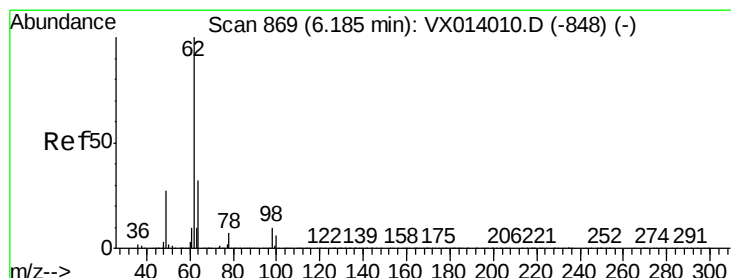
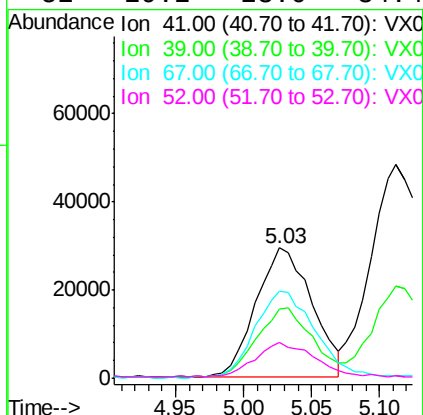
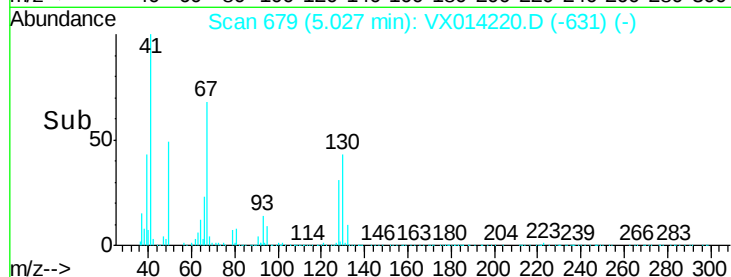
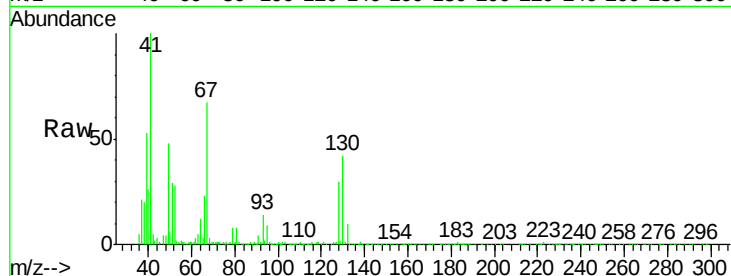
#41
Methacrylonitrile
Concen: 19.064 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	44.5	66.7	
67	74.1	57.4	86.0	
52	29.2	23.0	34.4	

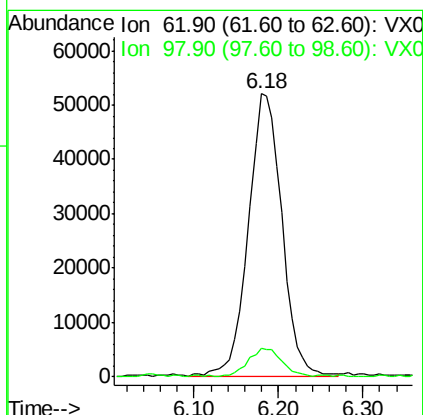
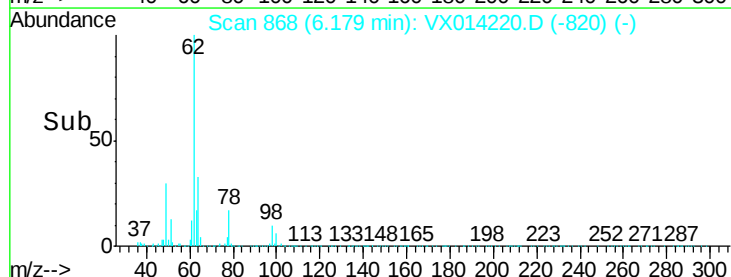
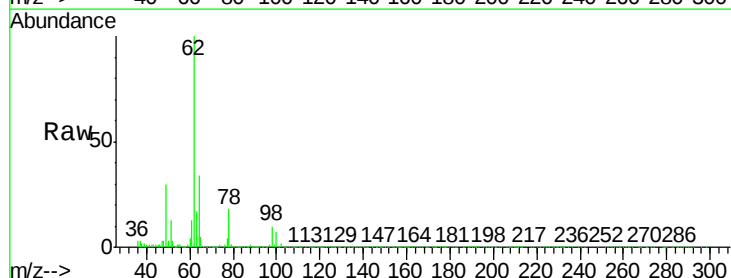
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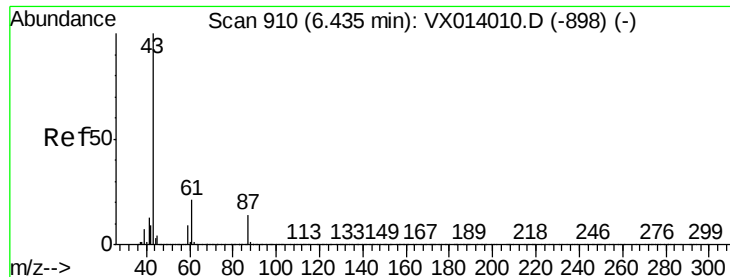
apatel
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#42
1,2-Dichloroethane
Concen: 18.513 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	21.0	





#43

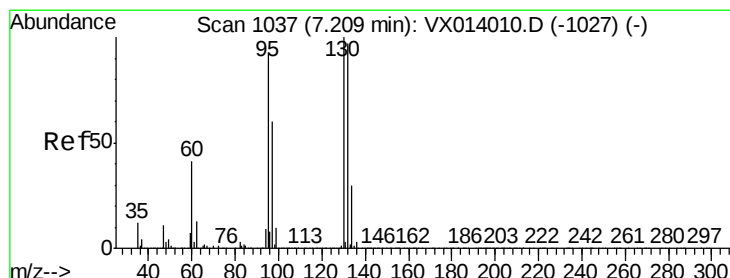
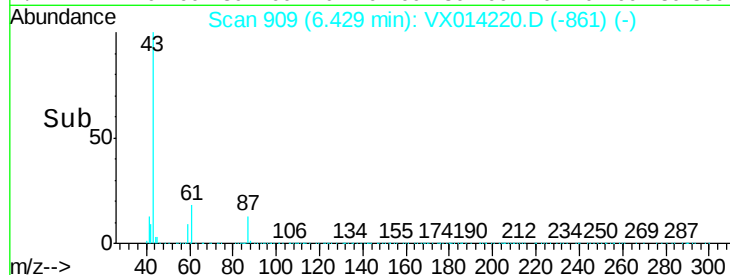
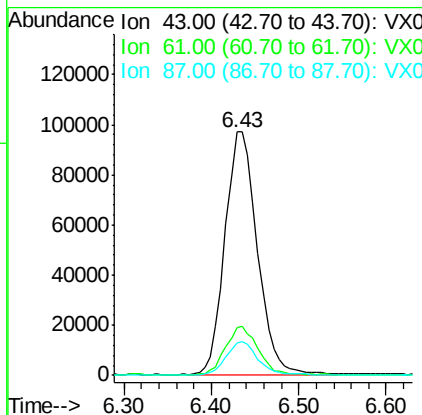
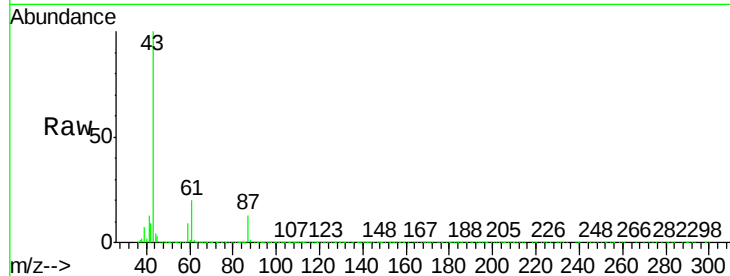
Isopropyl Acetate
 Concen: 18.798 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.4	24.6
87	13.8	10.7	16.1

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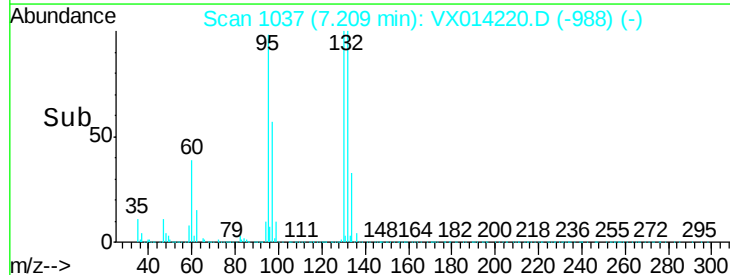
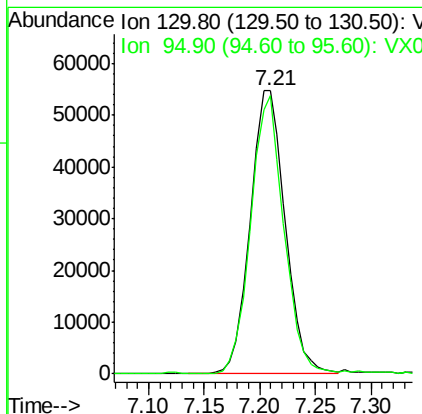
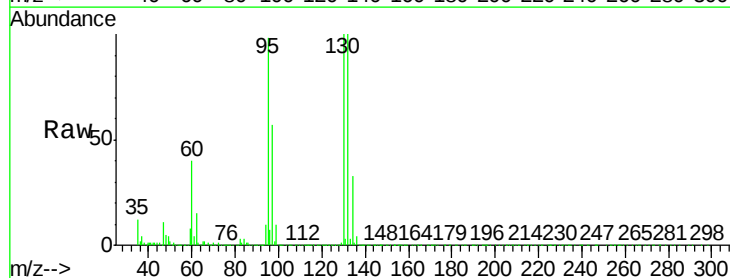
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#44

Trichloroethene
 Concen: 19.284 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	185.6





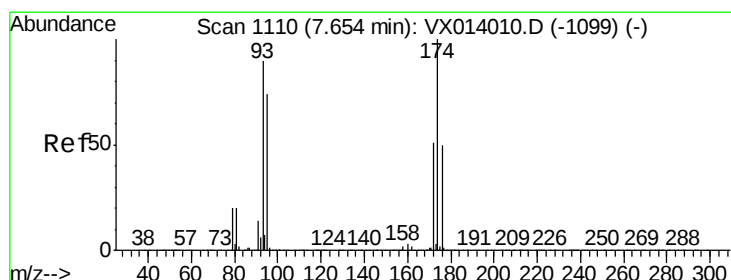
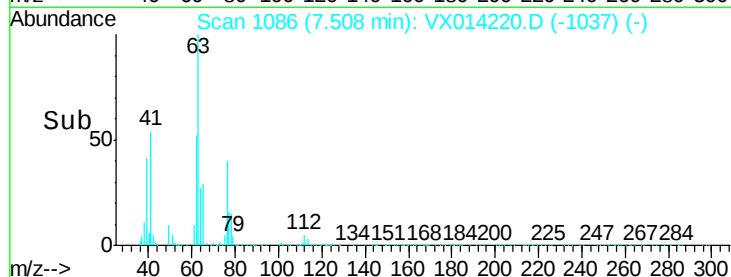
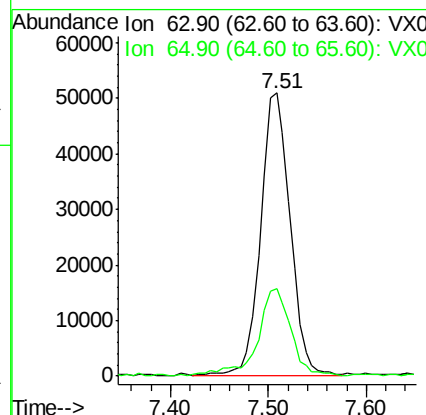
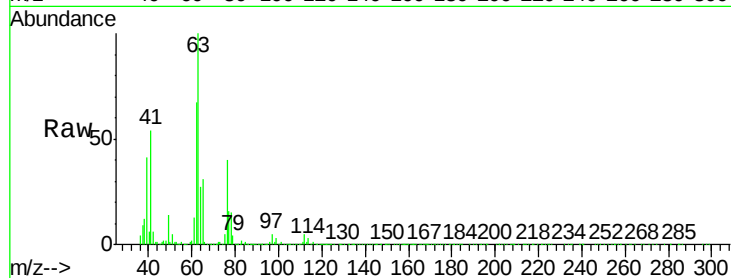
#45
 1,2-Dichloropropane
 Concen: 18.426 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.8	38.8

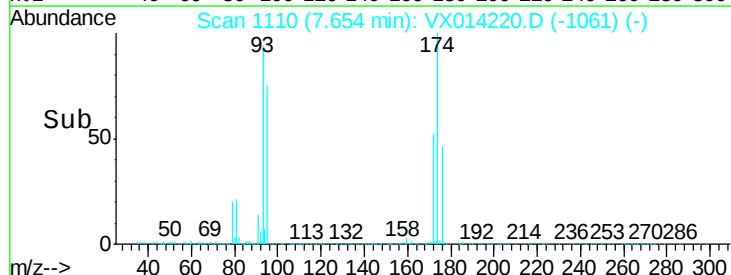
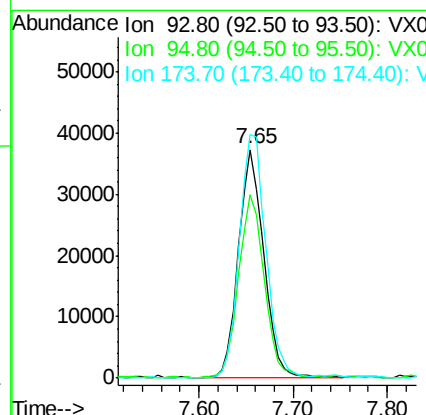
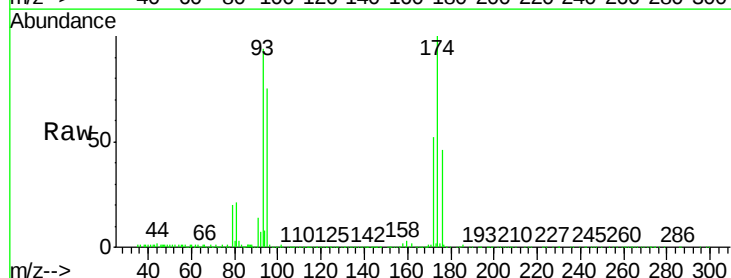
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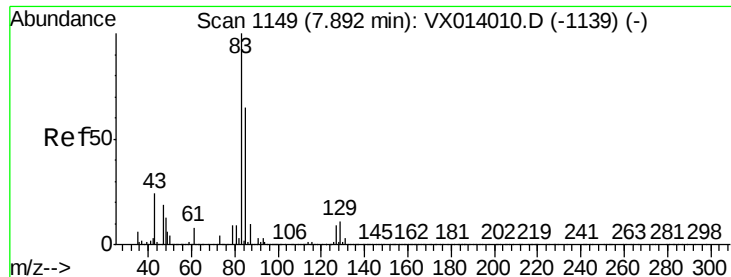
apatel
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#46
 Dibromomethane
 Concen: 18.423 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	67.3	100.9
174	112.9	91.6	137.4





#47

Bromodichloromethane

Concen: 18.405 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

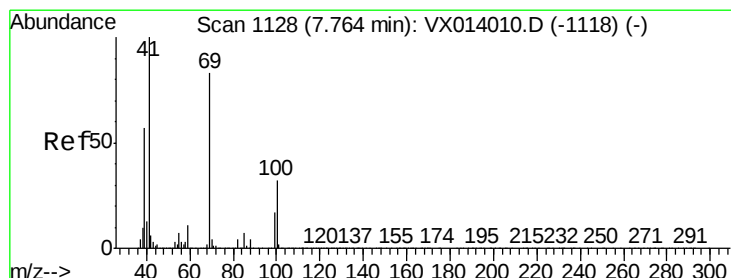
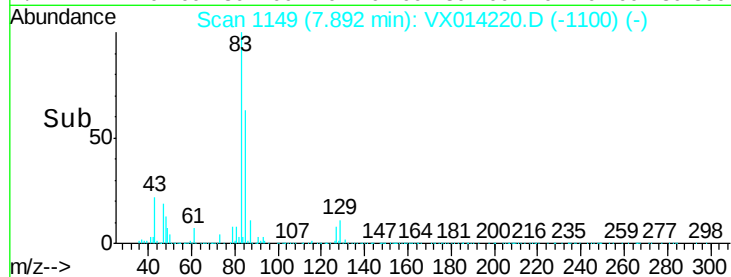
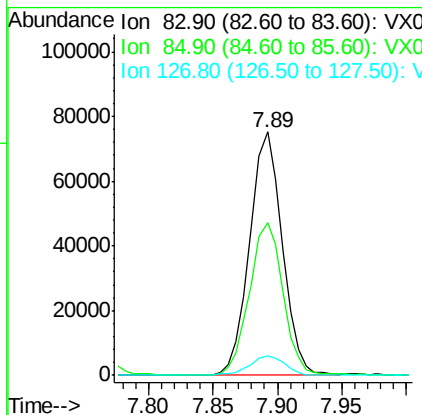
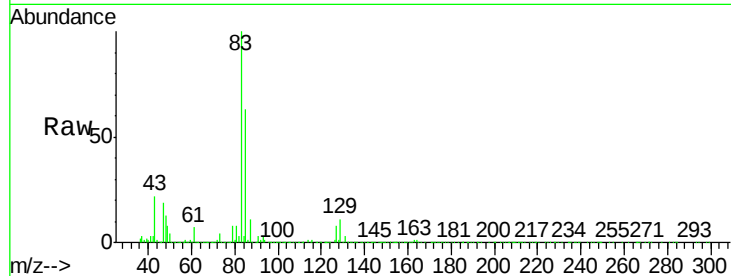
ClientSampleId :

VX1223MBS02

Tot Ion:	83	Resp:	131016
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.8	77.8
127	7.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.544 ug/l

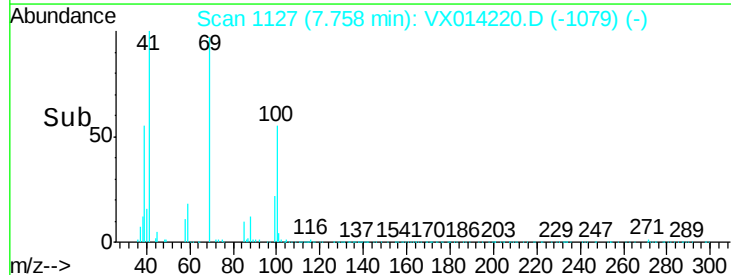
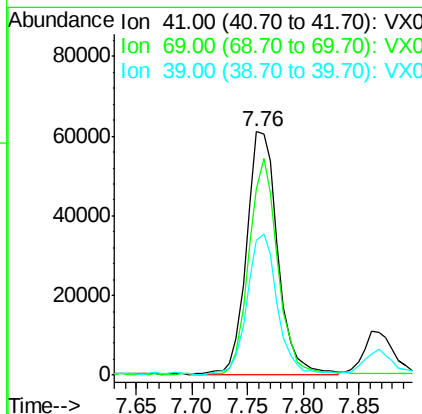
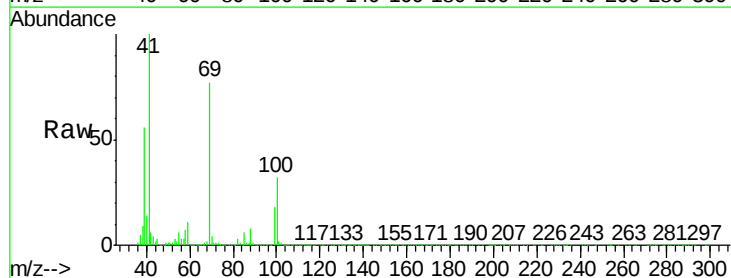
RT: 7.76 min Scan# 1127

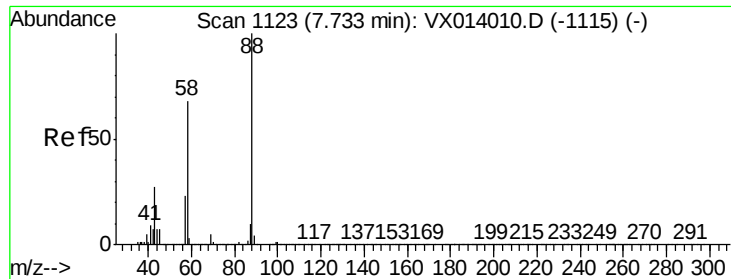
Delta R.T. -0.01 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	41	Resp:	120297
Ion Ratio	Lower	Upper	
41	100		
69	81.3	65.8	98.6
39	55.2	44.6	67.0





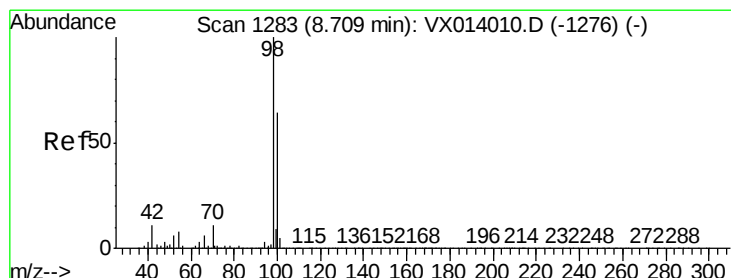
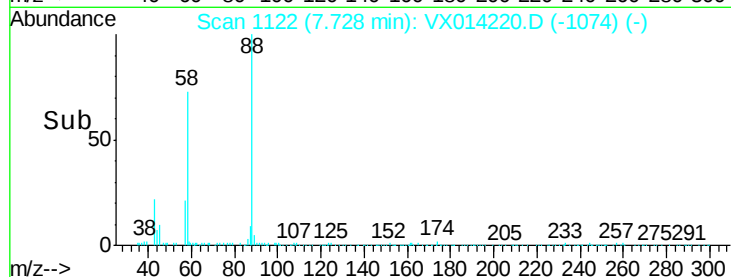
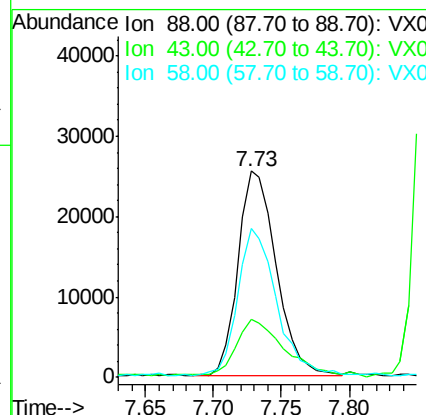
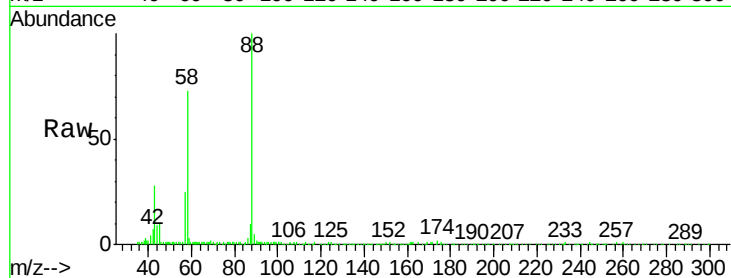
#49
1,4-Dioxane
Concen: 378.584 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	26.5	39.7
58	74.3	56.8	85.2

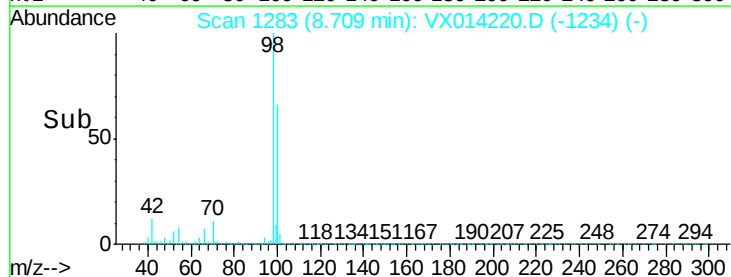
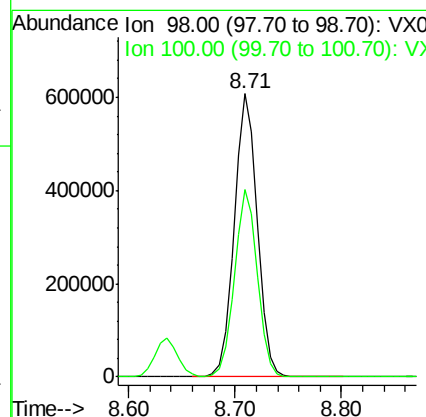
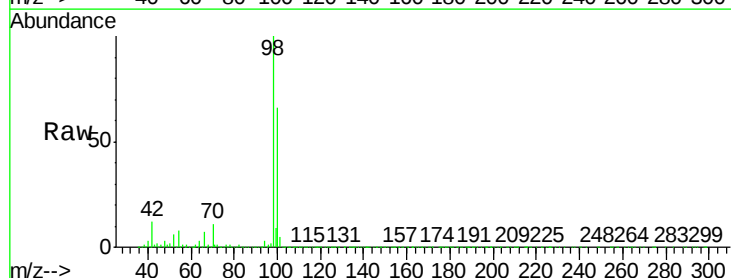
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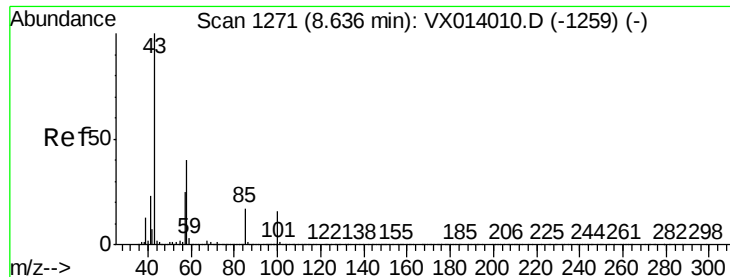
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#50
Toluene-d8
Concen: 49.125 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 94.810 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 43 Resp: 788818

Ion Ratio Lower Upper

43 100

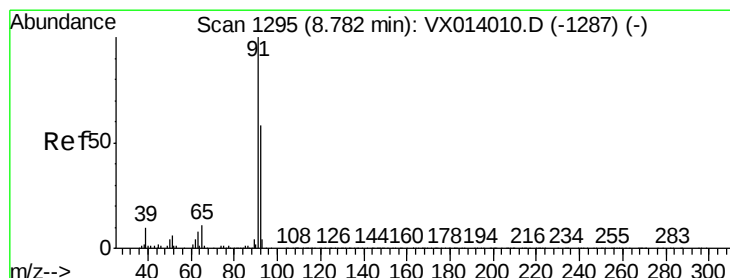
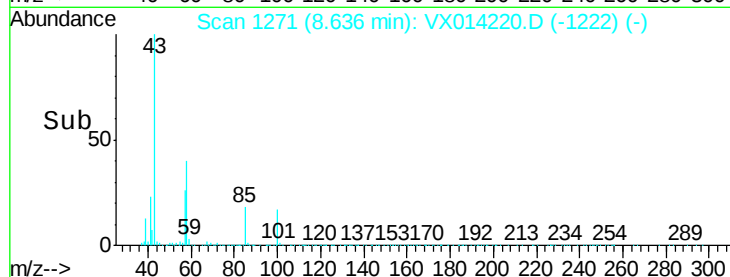
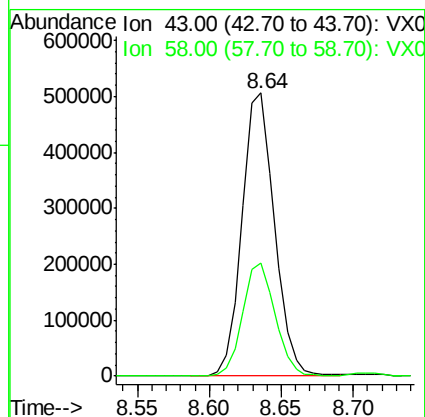
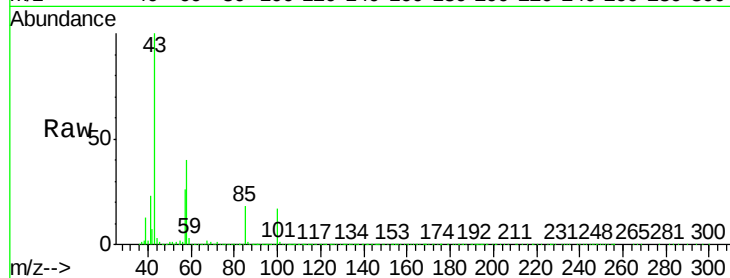
58 39.9 32.2 48.2

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#52

Toluene

Concen: 18.177 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014220.D

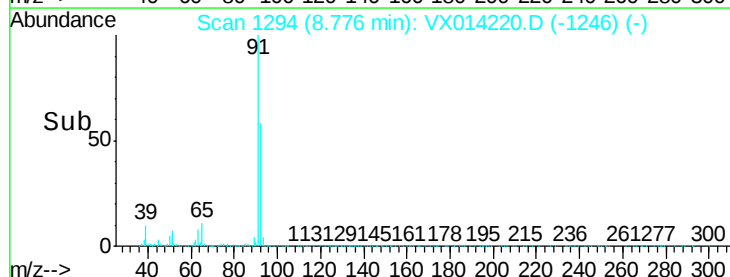
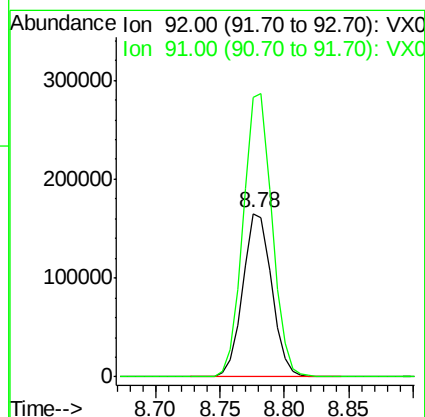
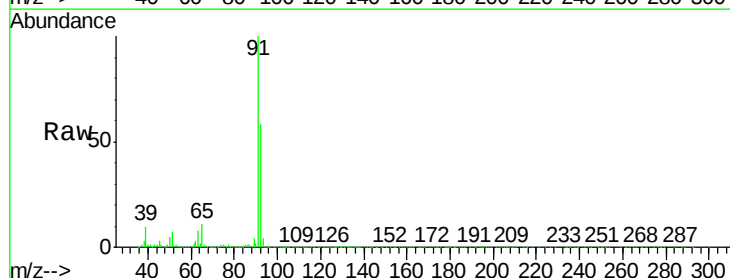
Acq: 23 Dec 2019 23:22

Tgt Ion: 92 Resp: 256258

Ion Ratio Lower Upper

92 100

91 172.4 136.2 204.4





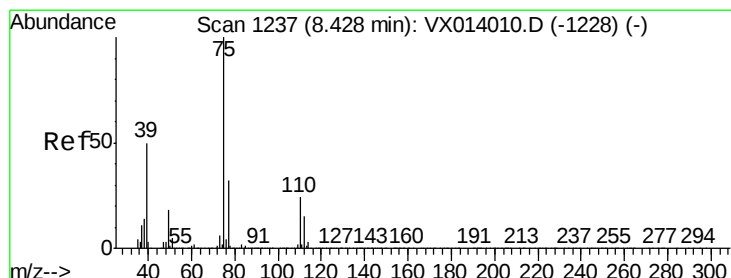
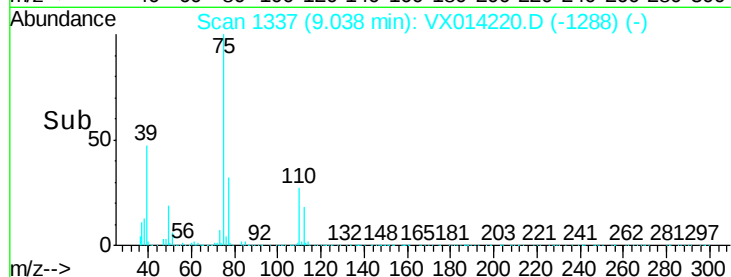
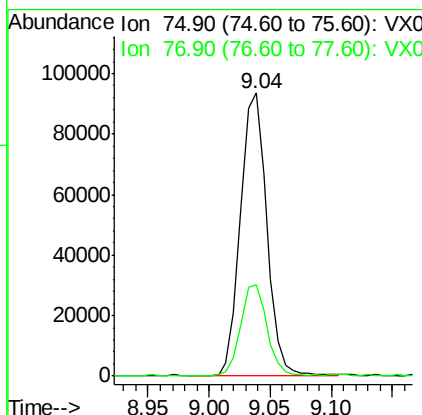
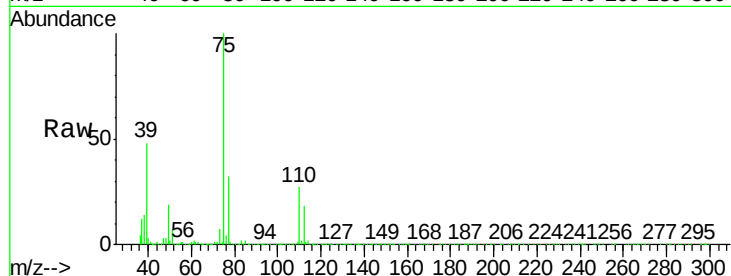
#53
t-1,3-Dichloropropene
Concen: 17.747 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.1	37.7

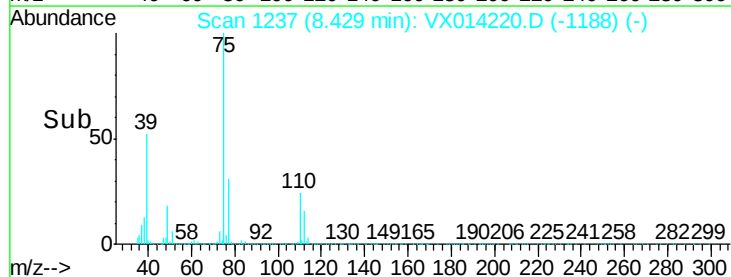
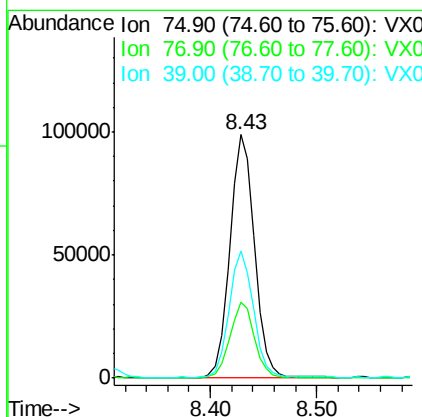
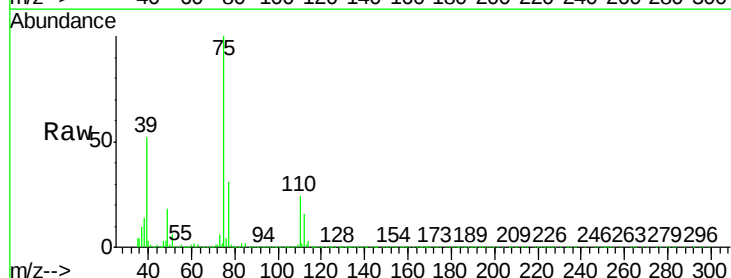
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#54
cis-1,3-Dichloropropene
Concen: 18.377 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	52.1	39.9	59.9





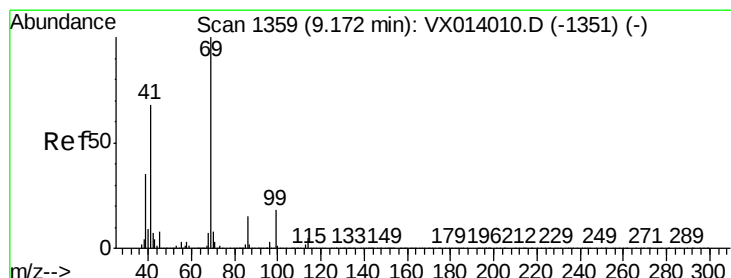
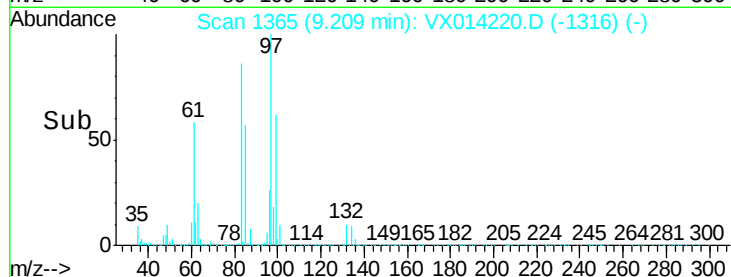
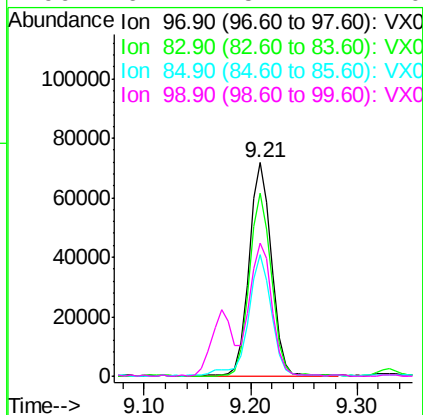
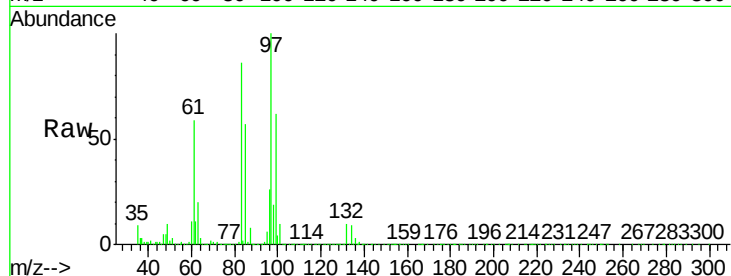
#55
 1,1,2-Trichloroethane
 Concen: 18.730 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		105834		
83	85.7	68.2	102.4		
85	56.6	44.6	66.8		
99	62.2	51.4	77.0		

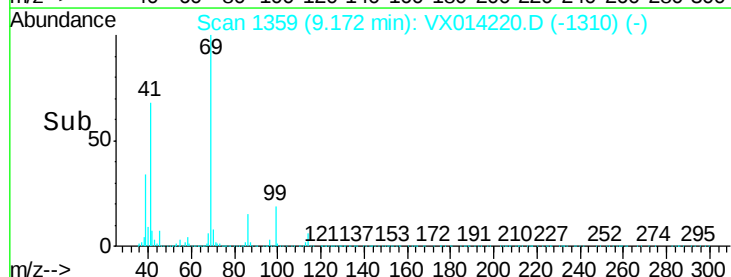
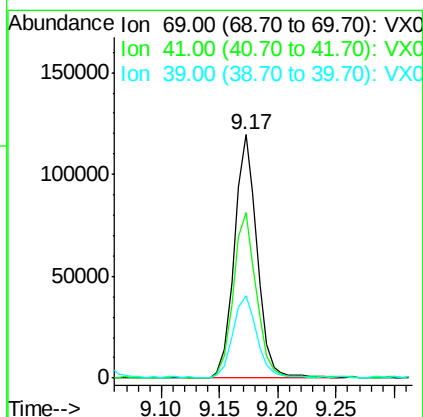
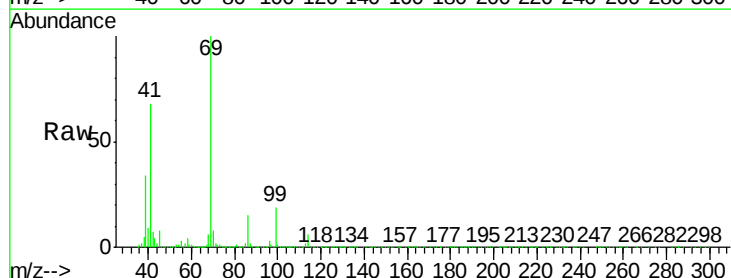
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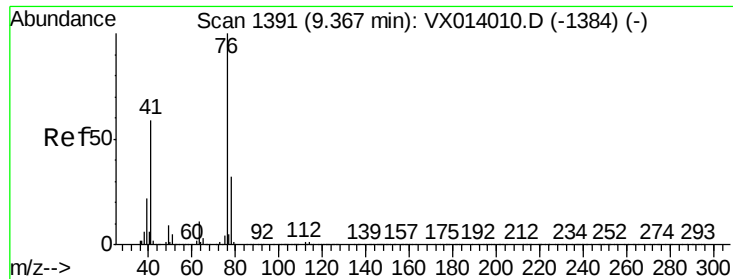
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#56
 Ethyl methacrylate
 Concen: 18.333 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		162718		
41	68.7	54.8	82.2		
39	35.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 18.567 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 76 Resp: 176511

Ion Ratio Lower Upper

76 100

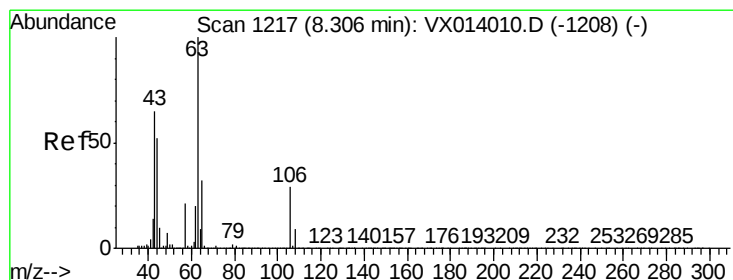
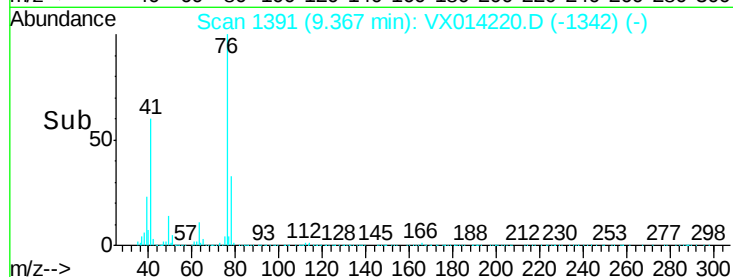
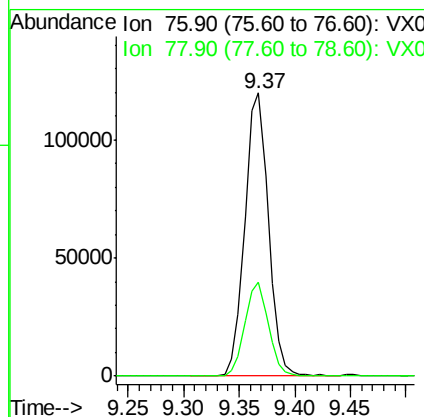
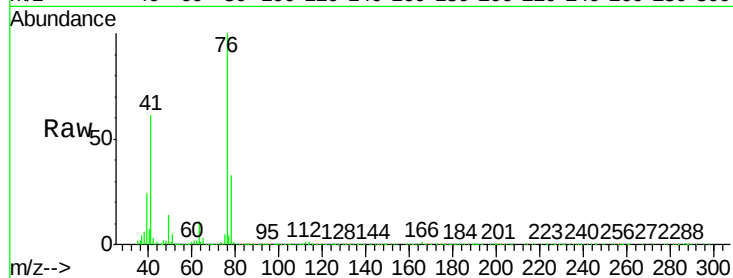
78 33.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 98.399 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014220.D

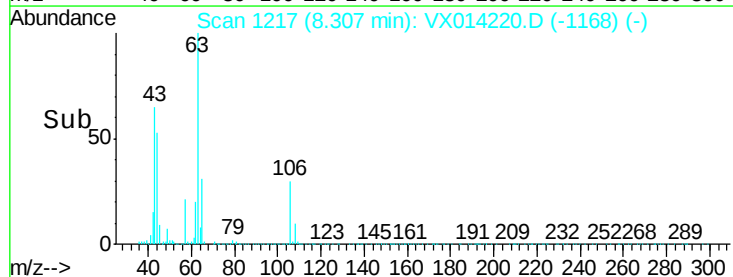
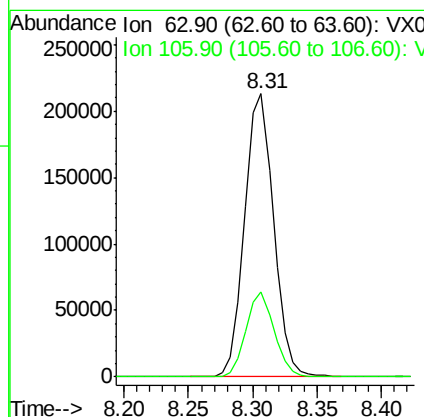
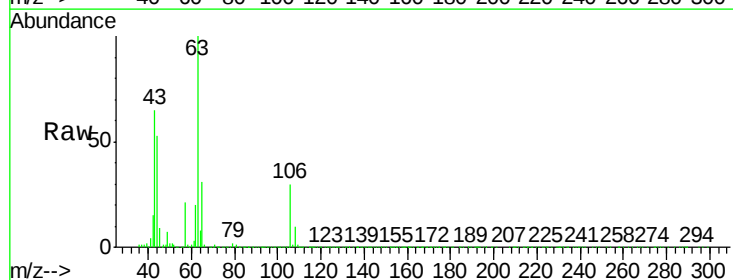
Acq: 23 Dec 2019 23:22

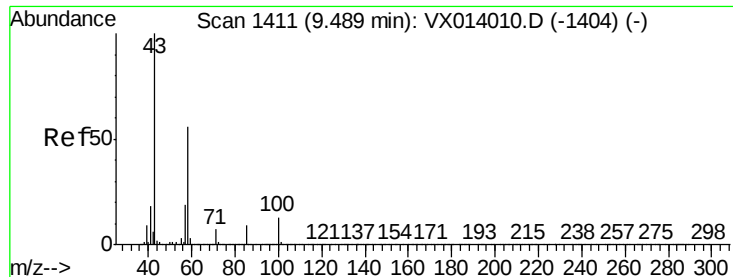
Tgt Ion: 63 Resp: 330514

Ion Ratio Lower Upper

63 100

106 29.2 23.0 34.6





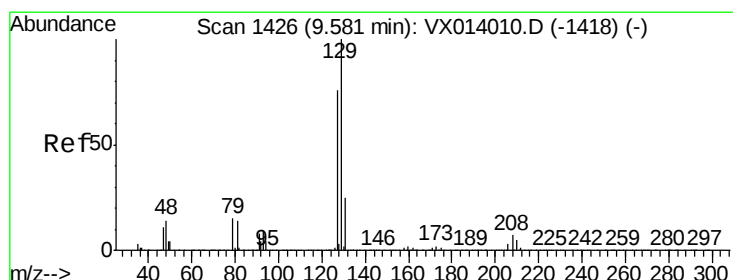
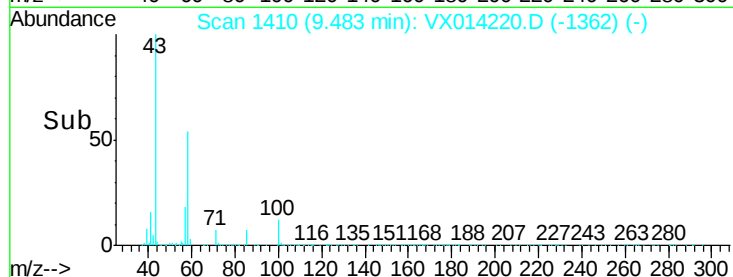
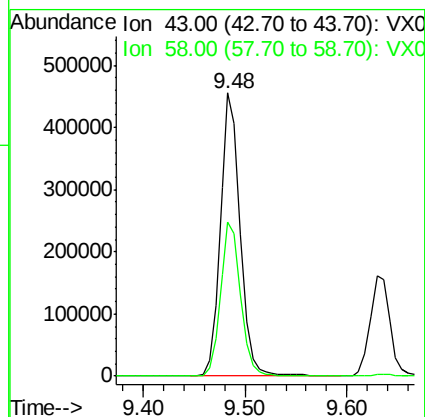
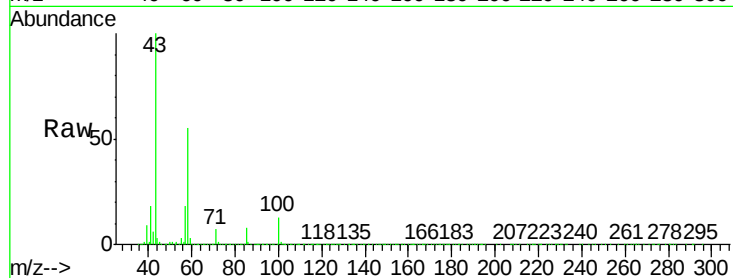
#59
2-Hexanone
Concen: 92.086 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion: 43 Resp: 616755
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0

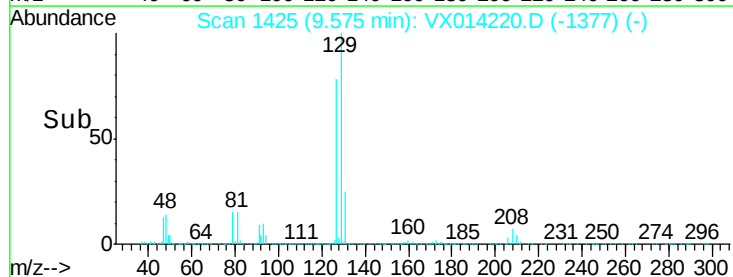
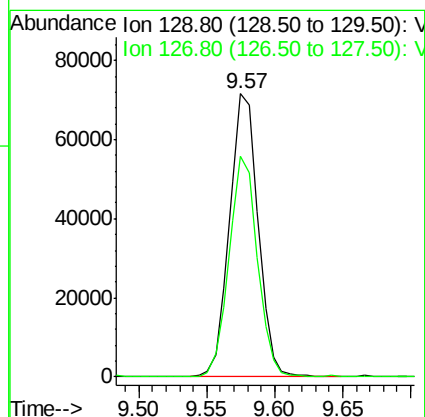
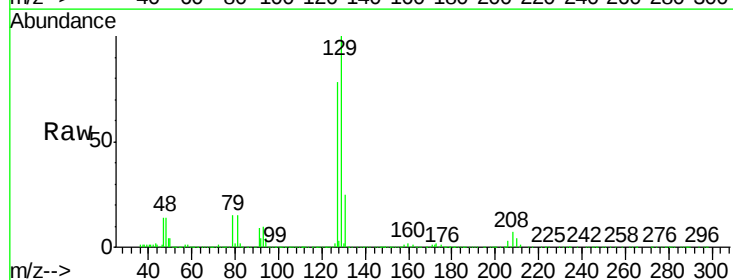
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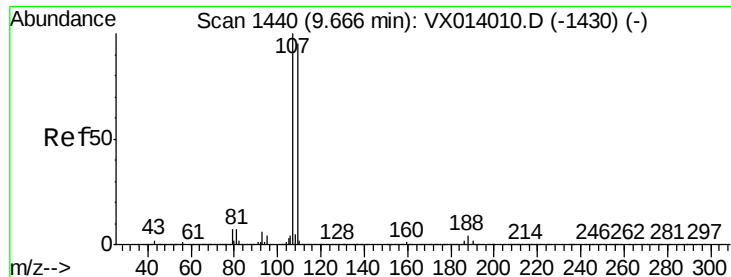
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#60
Dibromochloromethane
Concen: 18.643 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion: 129 Resp: 104708
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.066 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 107 Resp: 110225

Ion Ratio Lower Upper

107 100

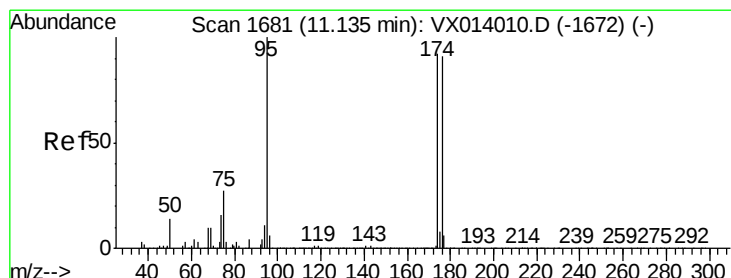
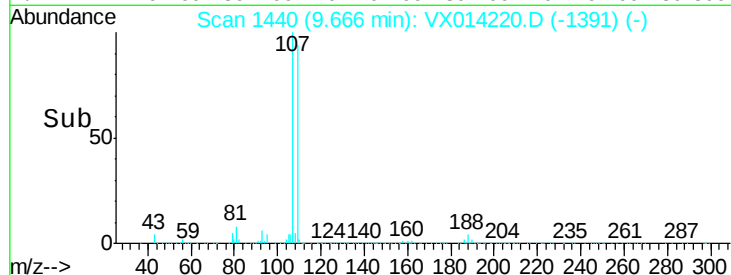
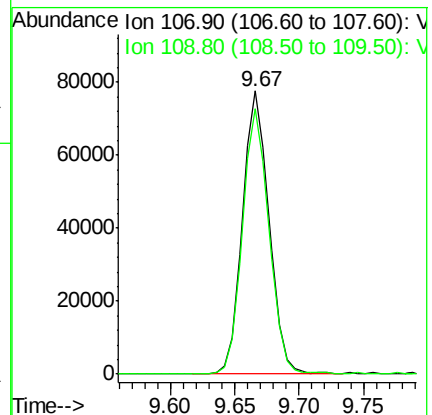
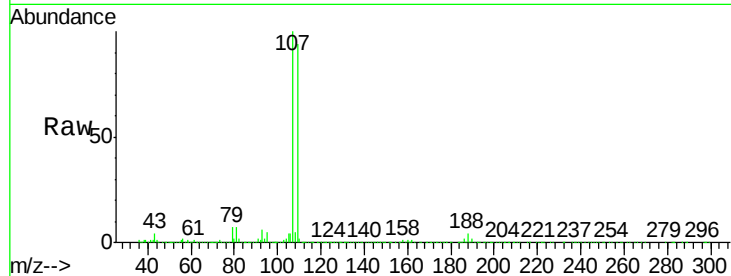
109 93.5 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 47.140 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

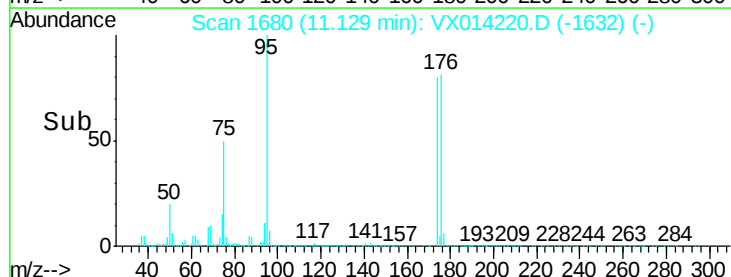
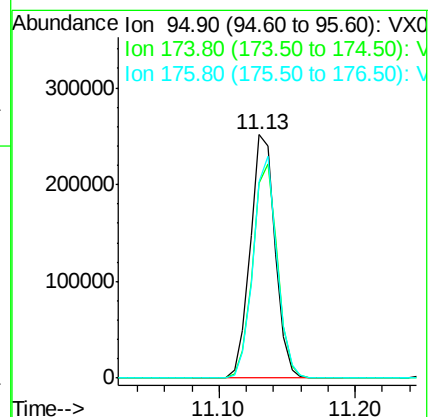
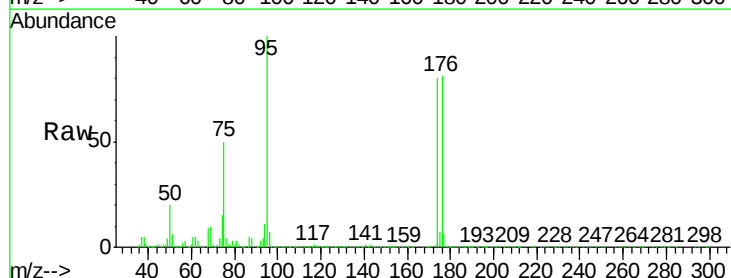
Tgt Ion: 95 Resp: 322193

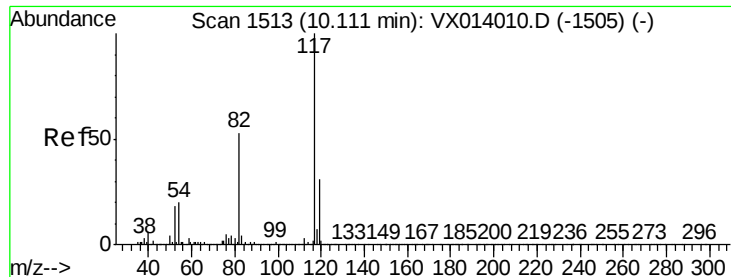
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

176 87.5 0.0 173.0





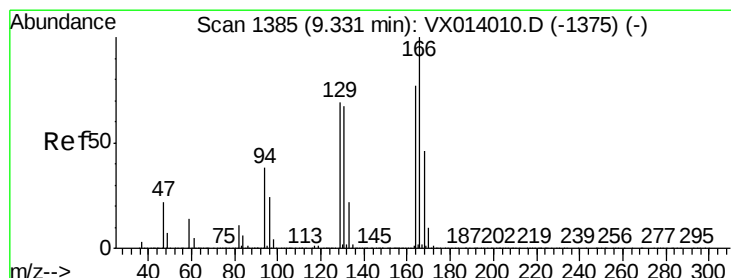
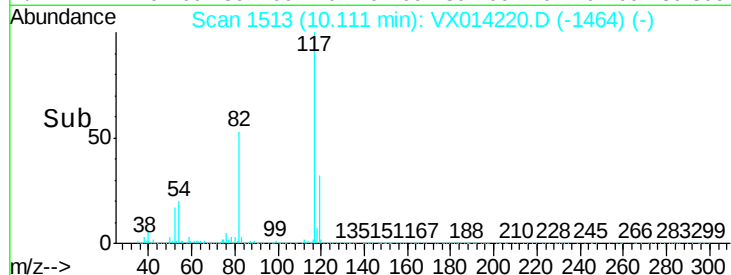
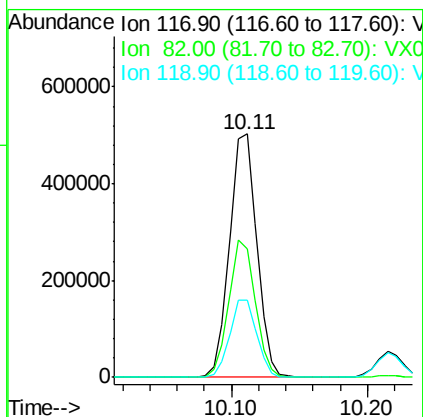
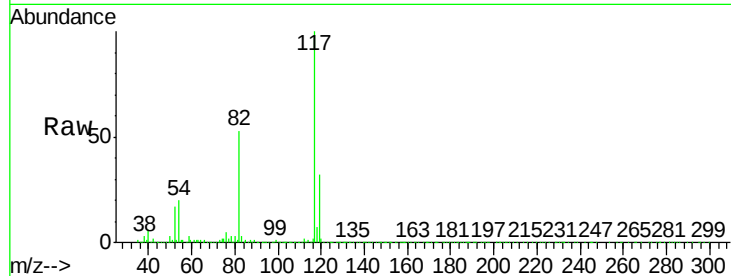
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	31.8	25.1	37.7

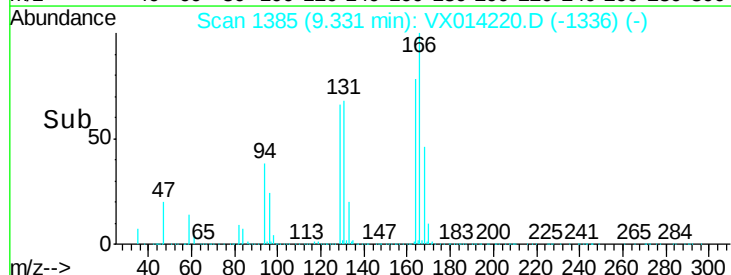
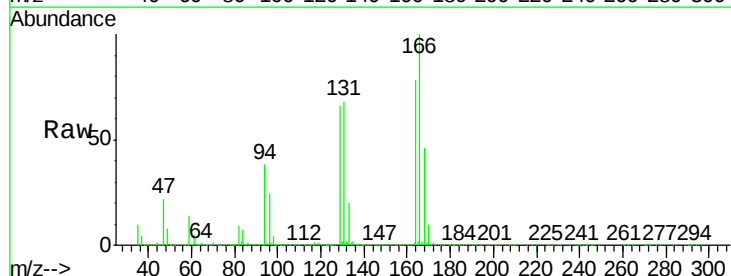
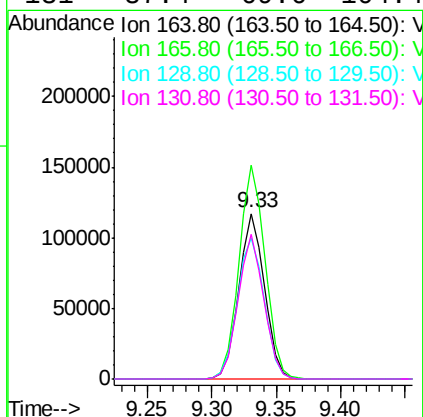
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#64
Tetrachloroethene
Concen: 26.095 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	104.0	156.0
129	85.4	72.2	108.4
131	87.4	69.6	104.4





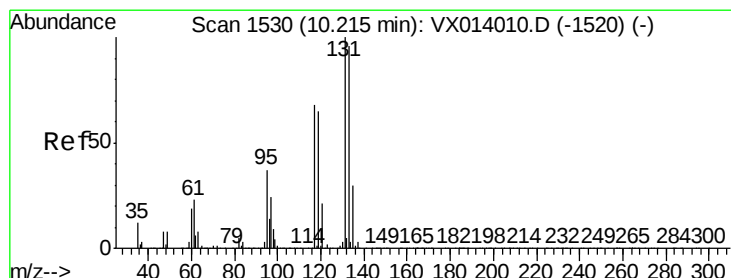
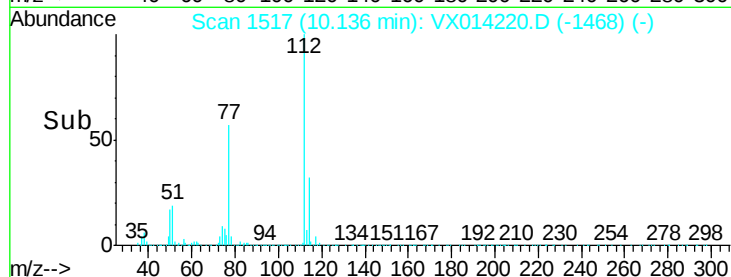
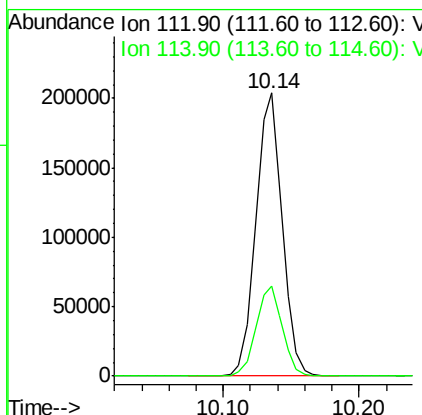
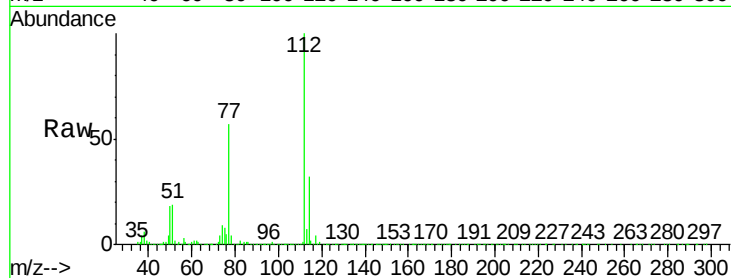
#65
Chlorobenzene
Concen: 18.558 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	24.9	37.3

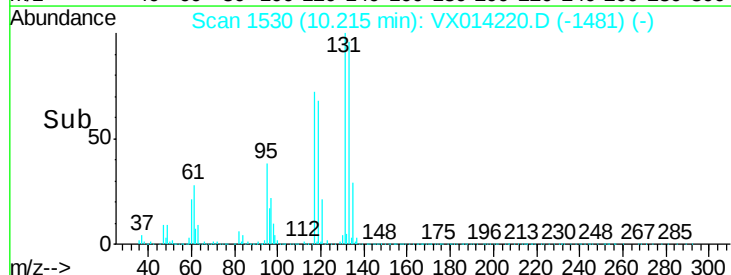
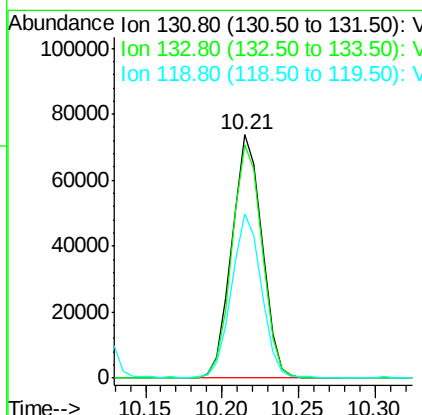
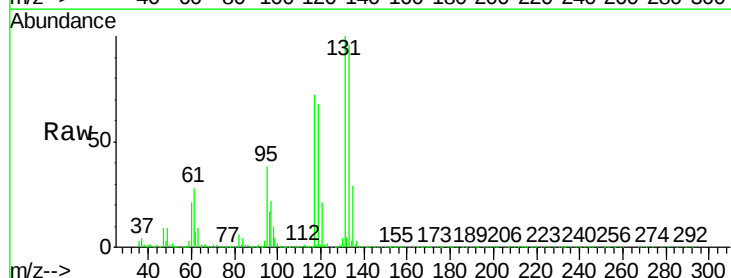
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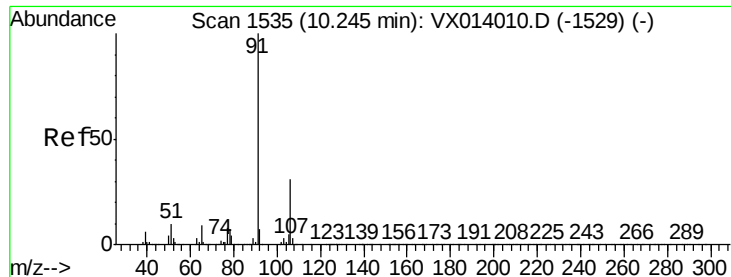
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.953 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.0	144.0
119	66.2	33.4	100.2





#67

Ethyl Benzene

Concen: 18.587 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 91 Resp: 478123

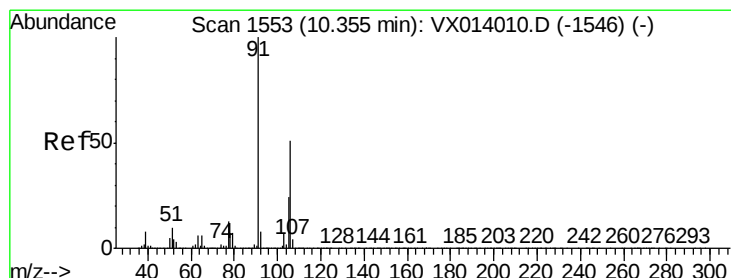
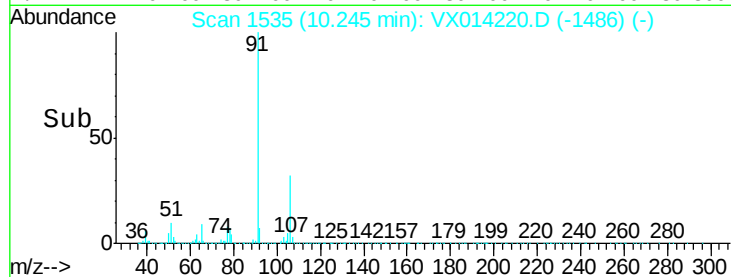
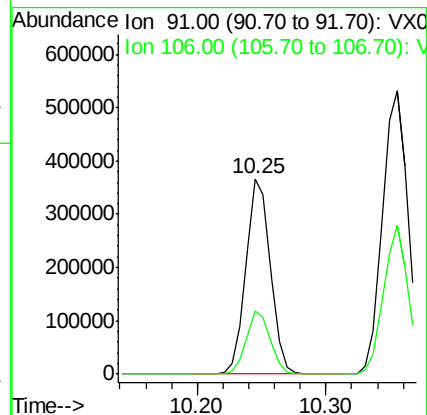
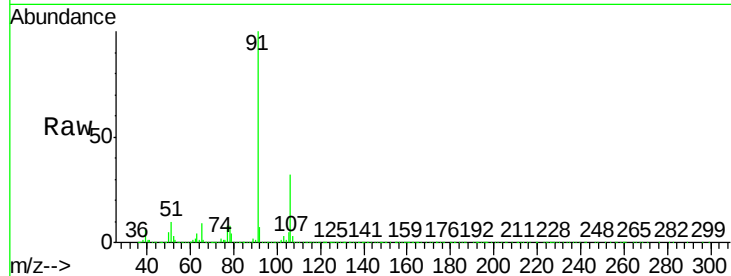
Ion Ratio Lower Upper

91 100

106 32.2 25.0 37.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.004 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014220.D

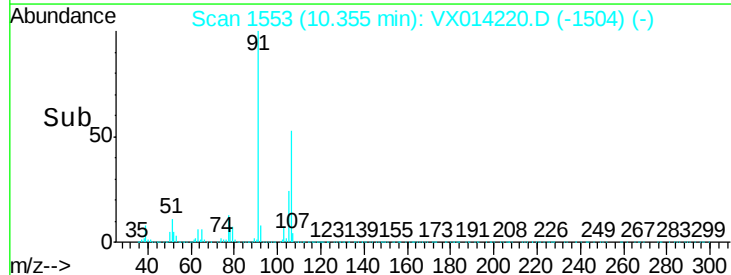
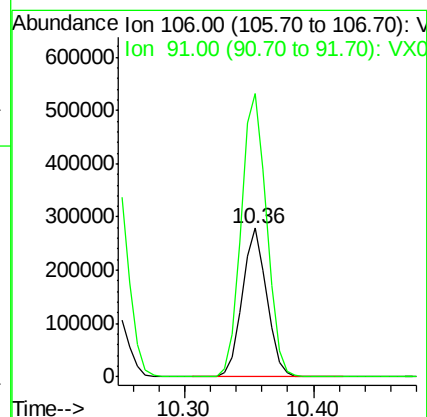
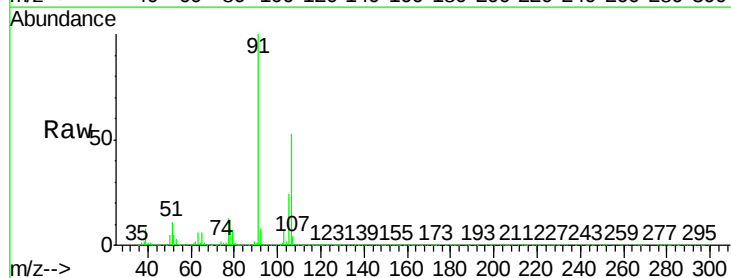
Acq: 23 Dec 2019 23:22

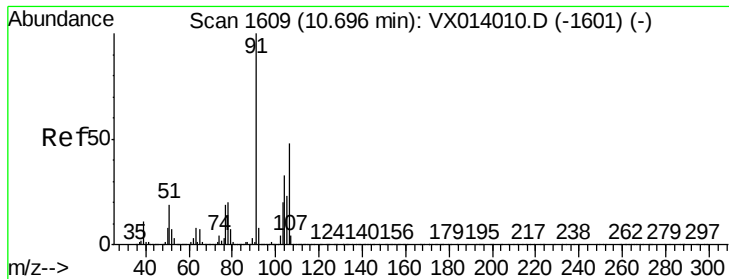
Tgt Ion: 106 Resp: 366106

Ion Ratio Lower Upper

106 100

91 198.9 158.6 238.0





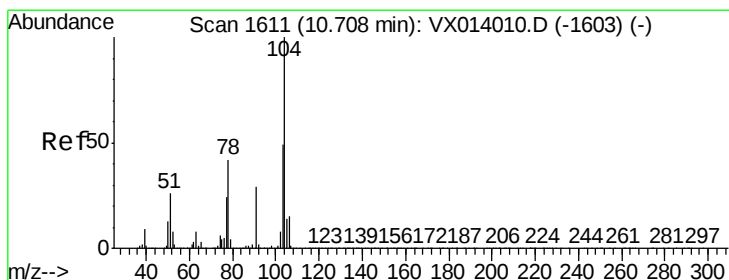
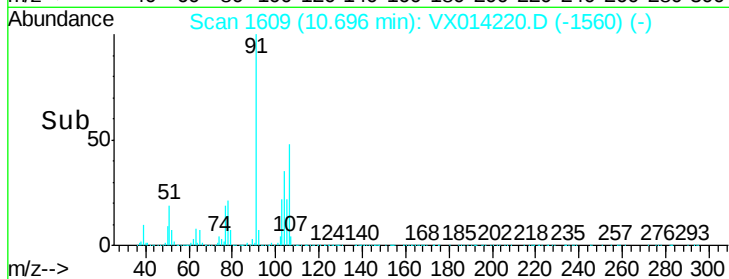
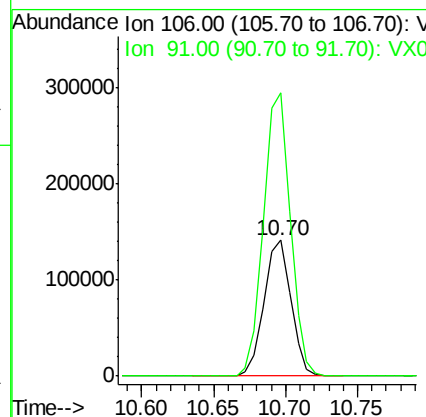
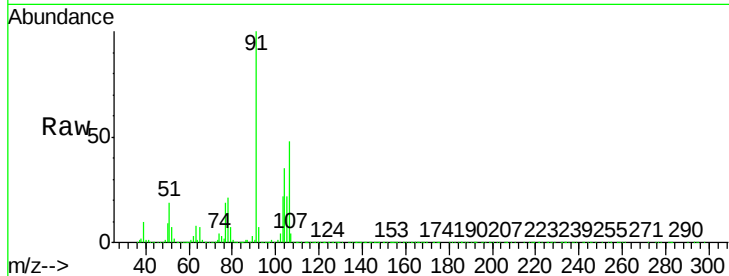
#69
o-Xylene
Concen: 18.704 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	104.2	312.6

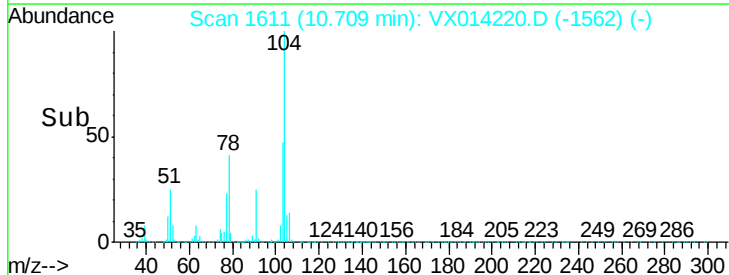
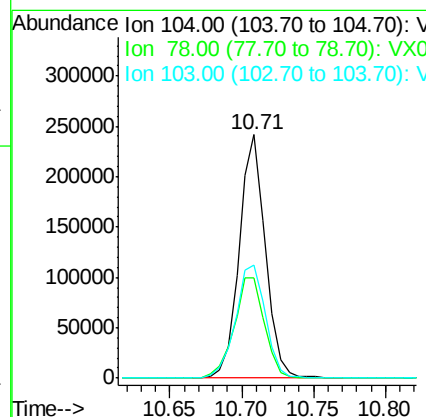
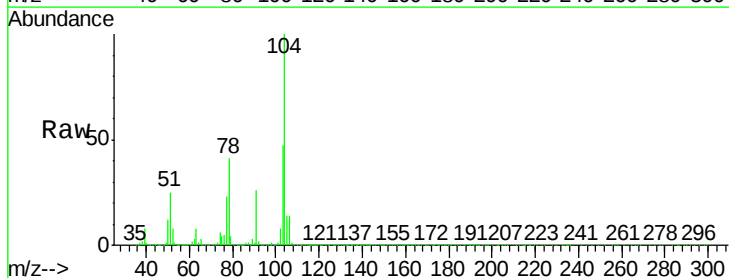
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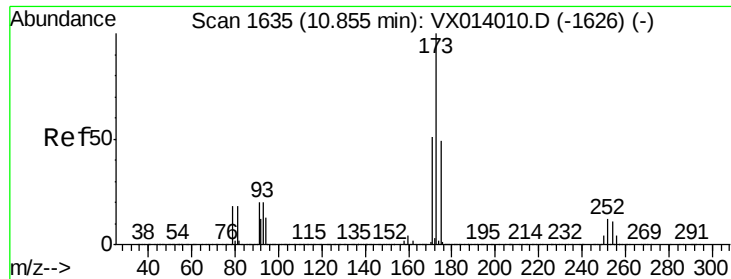
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#70
Styrene
Concen: 18.552 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	53.8	42.9	64.3





#71

Bromoform

Concen: 18.027 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion:173 Resp: 77412

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.4

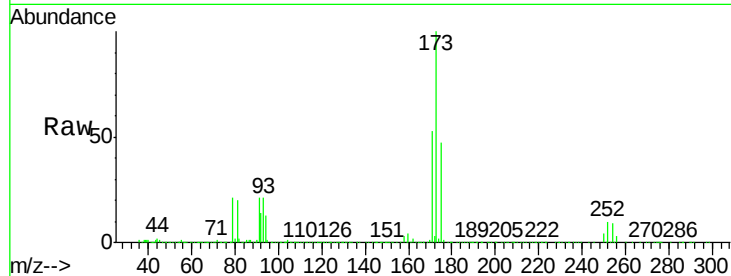
254 0.2 0.2 0.2

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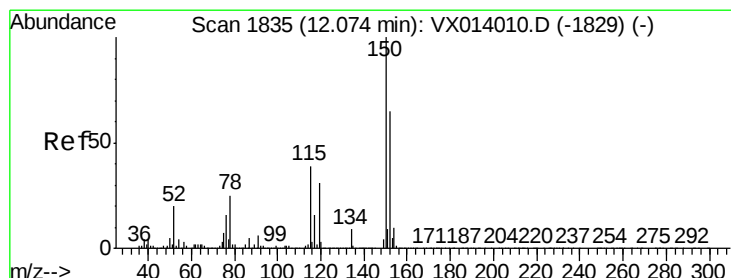
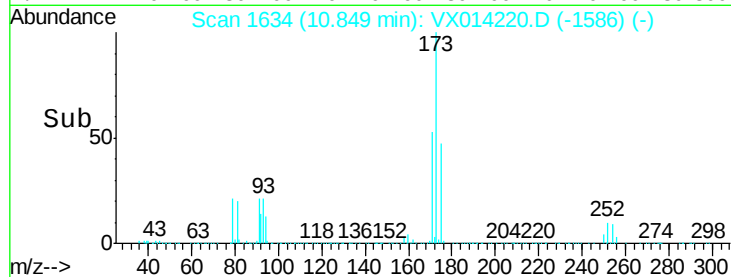
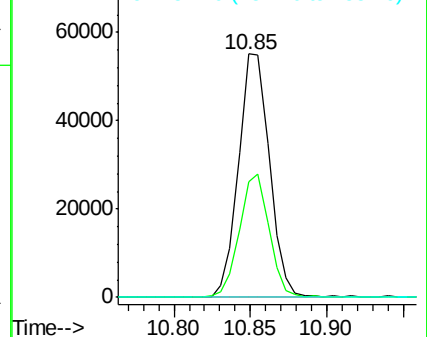
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

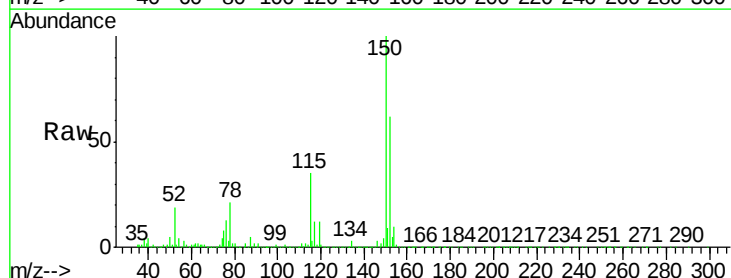
Tgt Ion:152 Resp: 344443

Ion Ratio Lower Upper

152 100

115 64.1 38.3 114.9

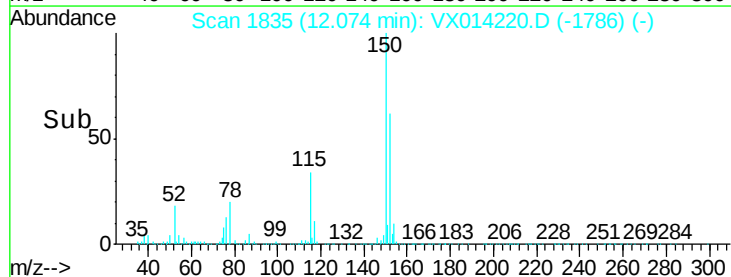
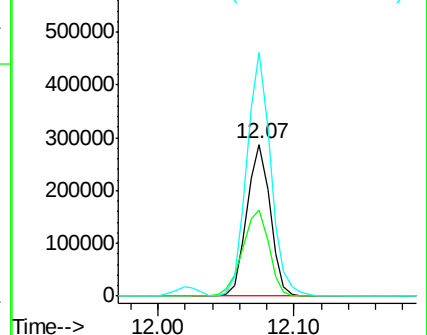
150 164.6 0.0 345.4

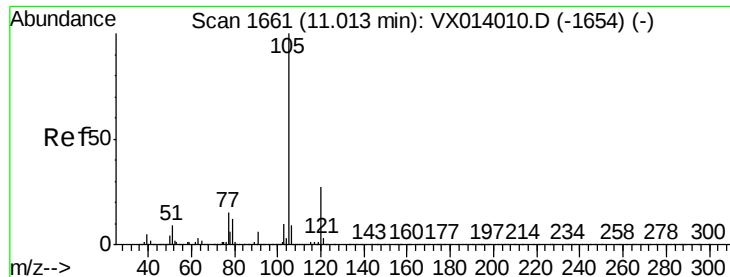


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.604 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion:105 Resp: 475413

Ion Ratio Lower Upper

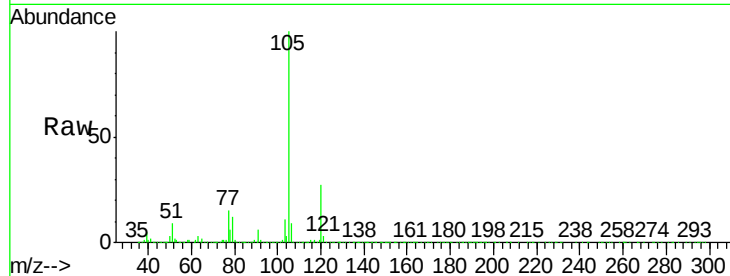
105 100

120 27.1 13.5 40.4

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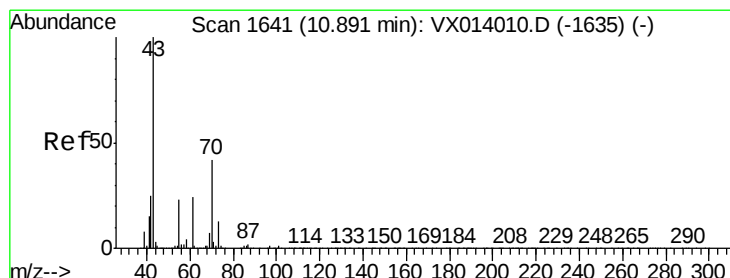
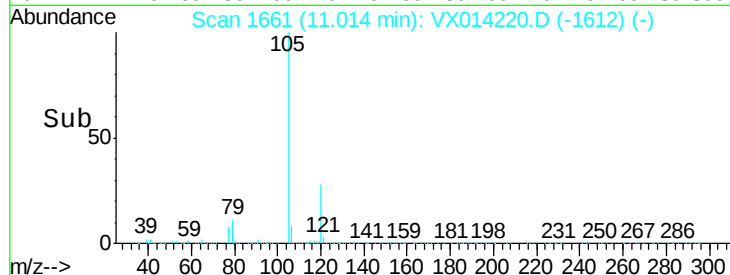
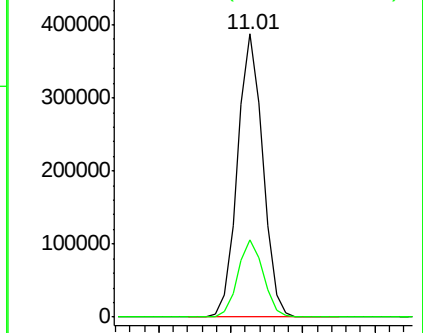
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.195 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion: 43 Resp: 206836

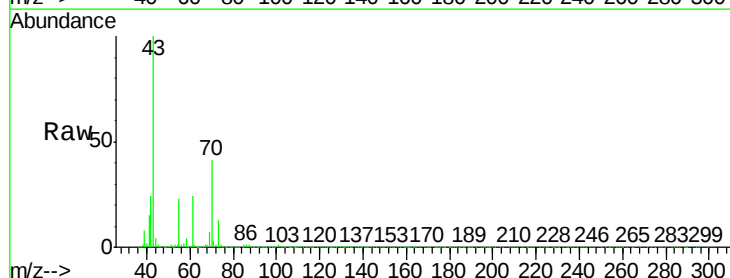
Ion Ratio Lower Upper

43 100

70 43.3 34.4 51.6

55 24.7 19.1 28.7

61 24.9 19.7 29.5

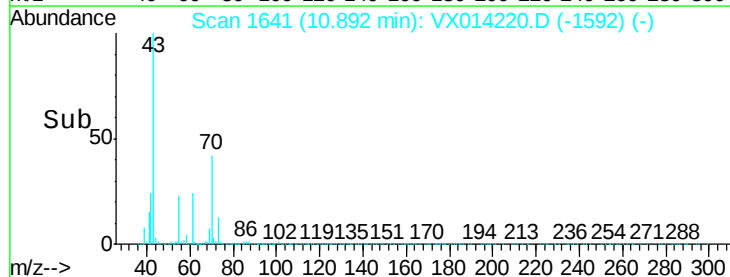
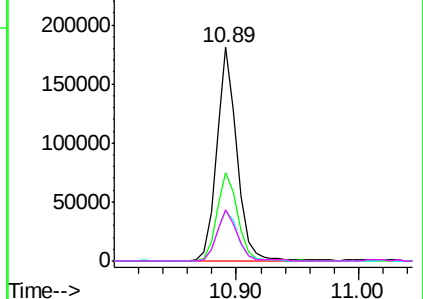


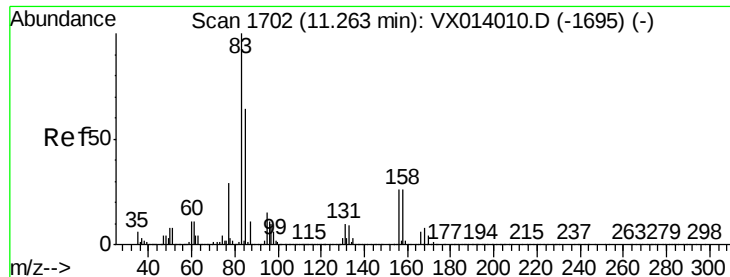
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.948 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 83 Resp: 142495

Ion Ratio Lower Upper

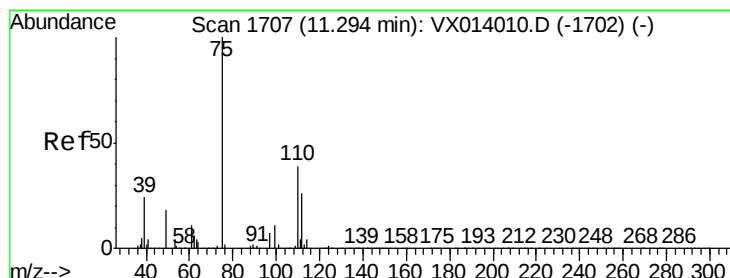
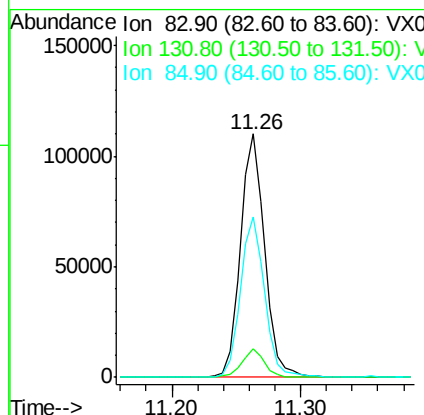
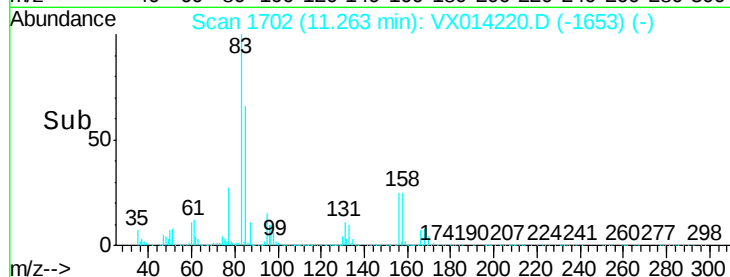
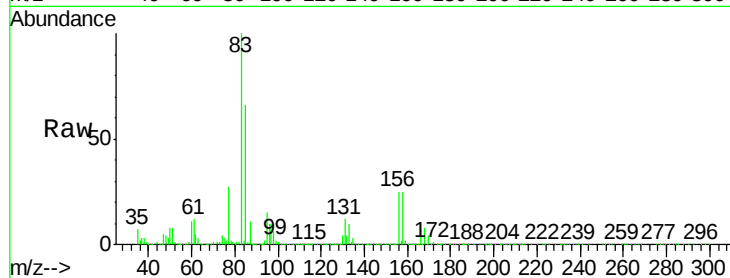
83 100

131 10.7 5.1 15.2

85 65.2 31.9 95.7

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#76

1,2,3-Trichloropropane

Concen: 17.629 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014220.D

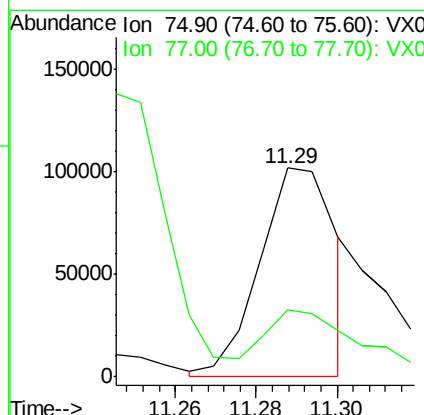
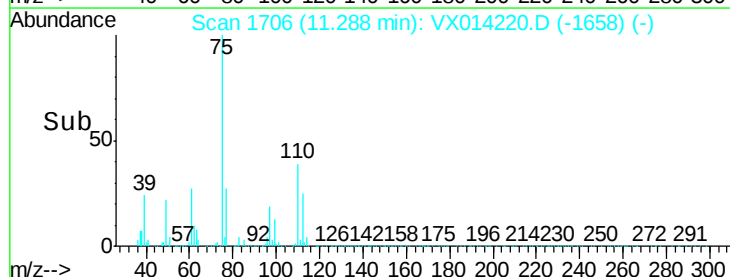
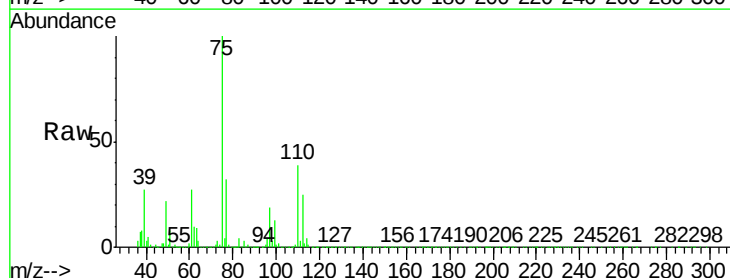
Acq: 23 Dec 2019 23:22

Tgt Ion: 75 Resp: 131826

Ion Ratio Lower Upper

75 100

77 40.6 19.3 57.8





#77

Bromobenzene

Concen: 18.454 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

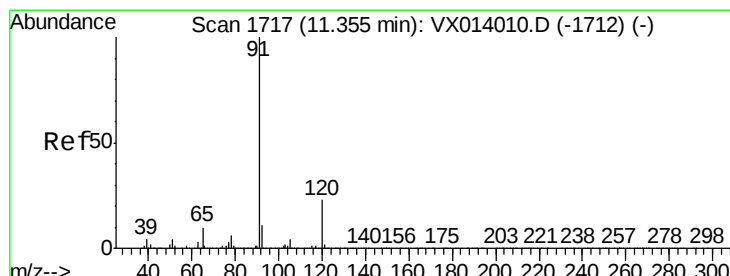
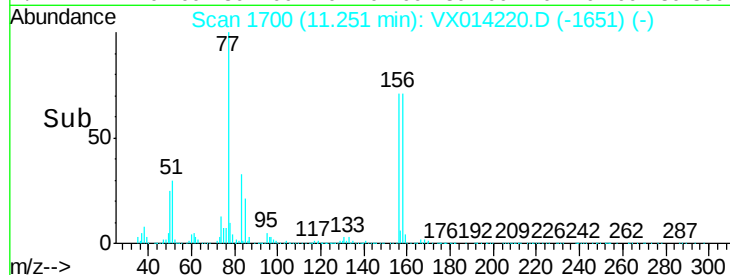
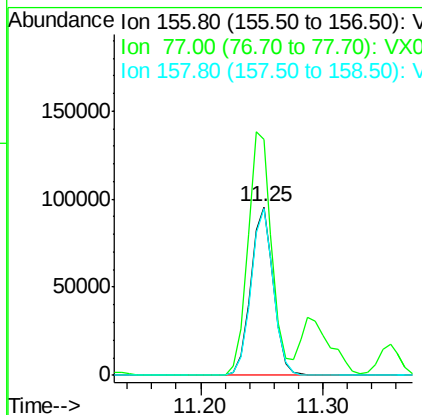
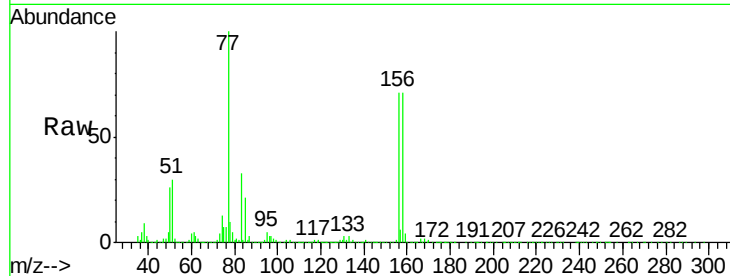
ClientSampleId :

VX1223MBS02

Tot Ion:	156	Resp:	123136
Ion Ratio	Lower	Upper	
156	100		
77	151.9	76.5	229.5
158	98.6	49.3	147.9

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#78

n-propylbenzene

Concen: 19.551 ug/l

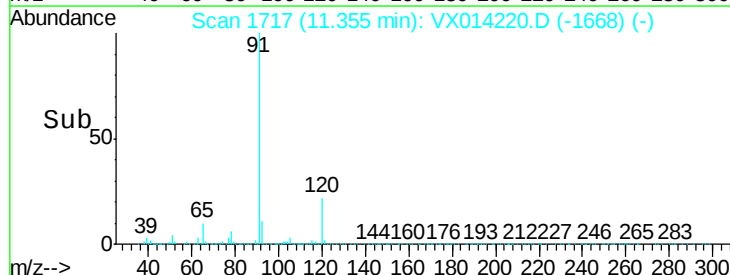
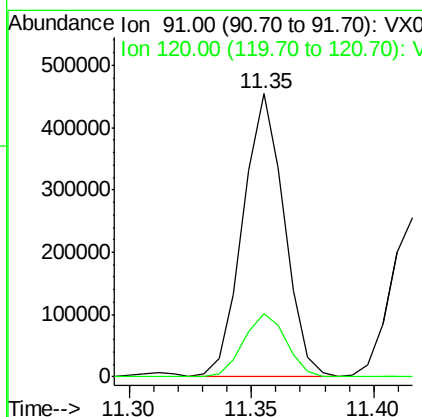
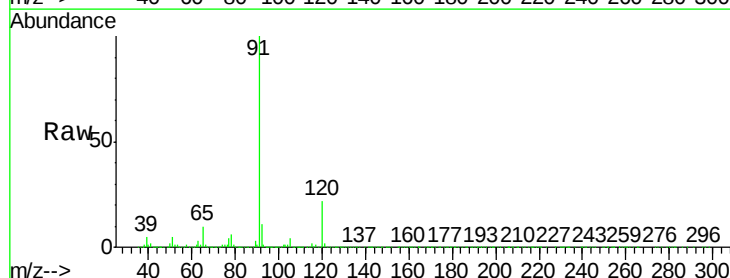
RT: 11.35 min Scan# 1717

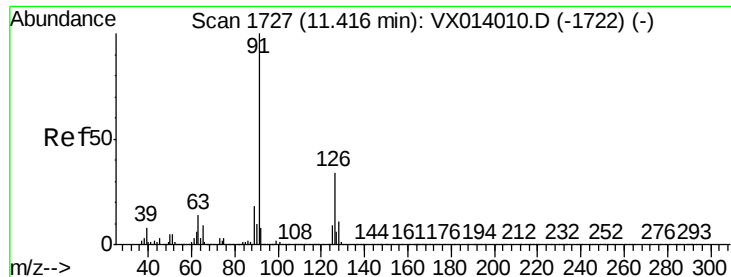
Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	91	Resp:	531824
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.101 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 91 Resp: 315842

Ion Ratio Lower Upper

91 100

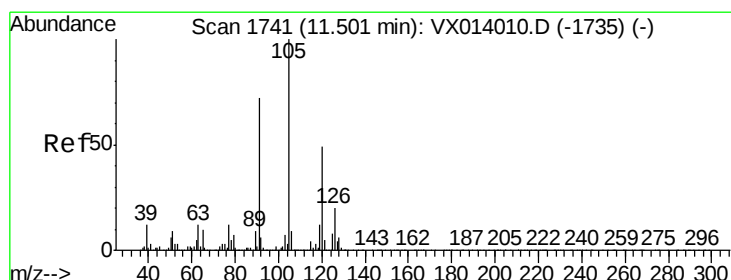
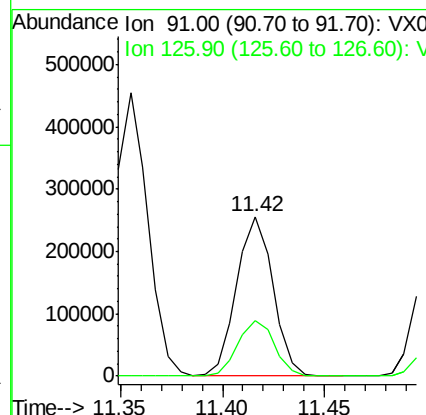
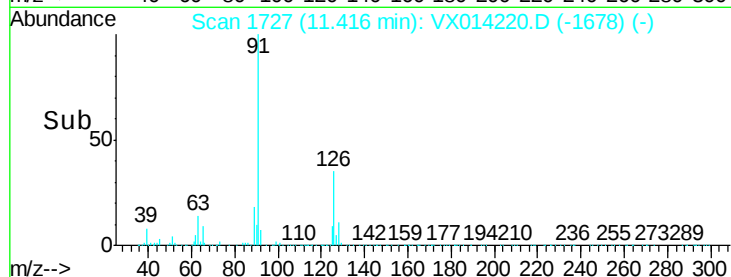
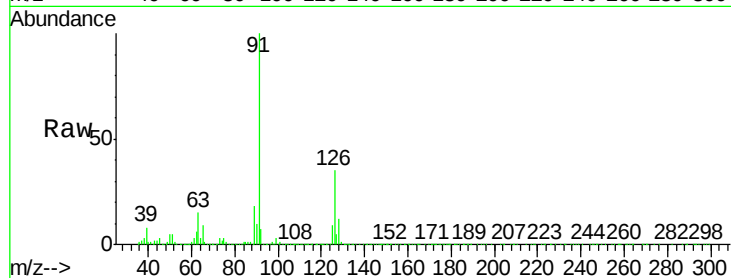
126 35.4 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.102 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014220.D

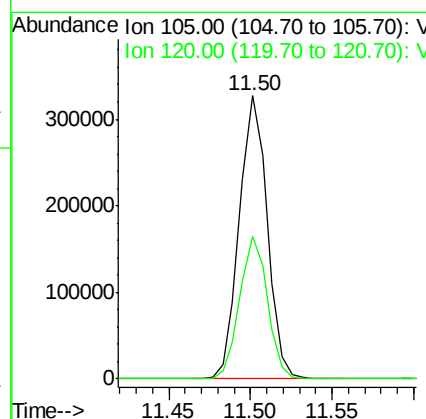
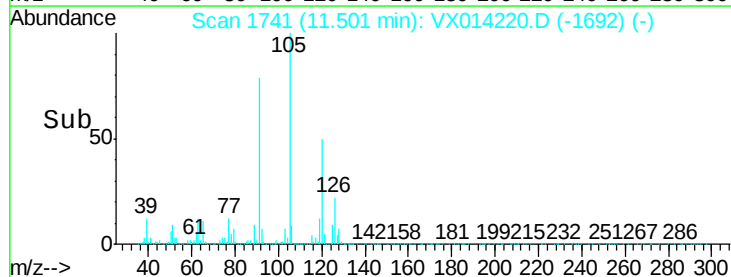
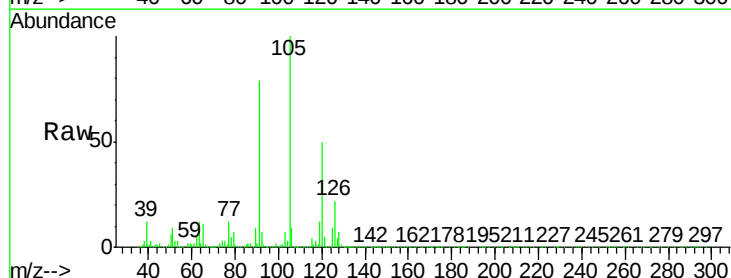
Acq: 23 Dec 2019 23:22

Tgt Ion: 105 Resp: 389869

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.8





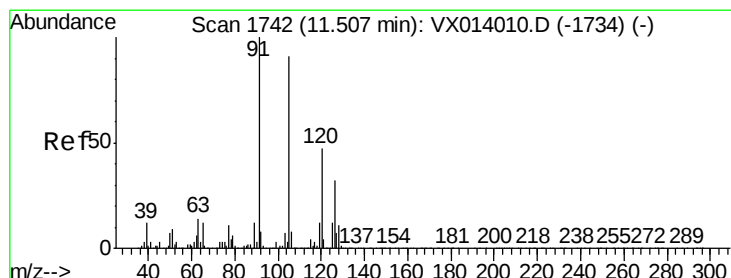
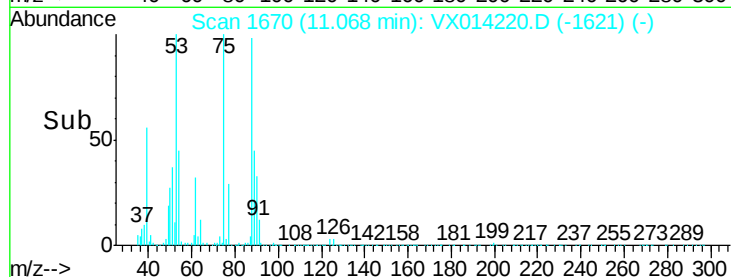
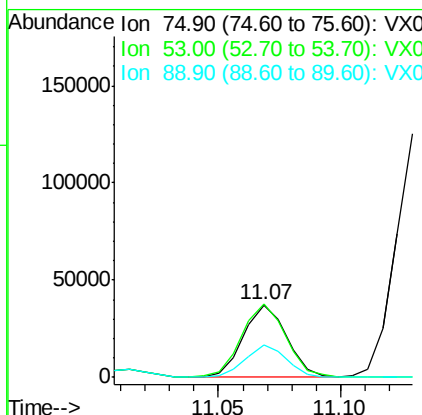
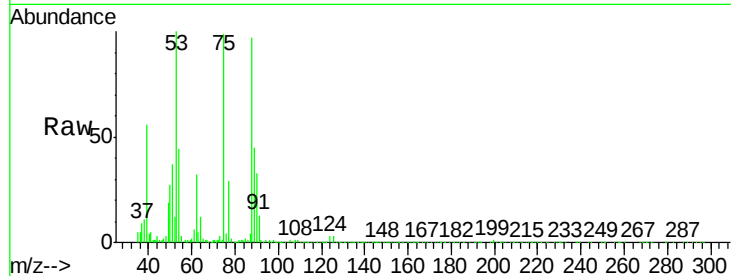
#81
trans-1,4-Dichloro-2-butene
Concen: 17.003 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.6	76.7	115.1
89	45.5	34.6	51.8

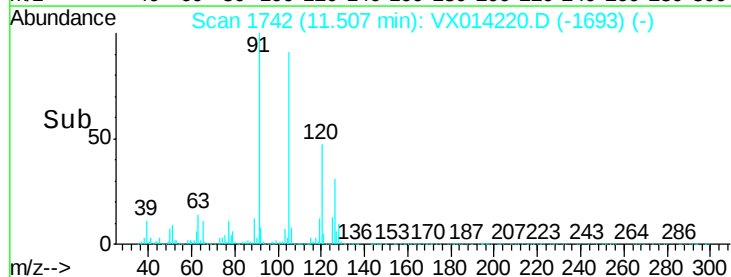
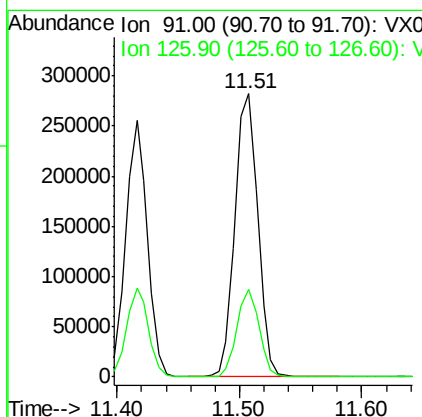
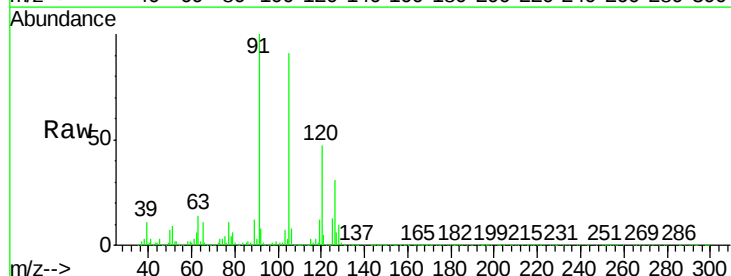
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#82
4-Chlorotoluene
Concen: 18.903 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.6	46.8





#83

tert-Butylbenzene

Concen: 16.707 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

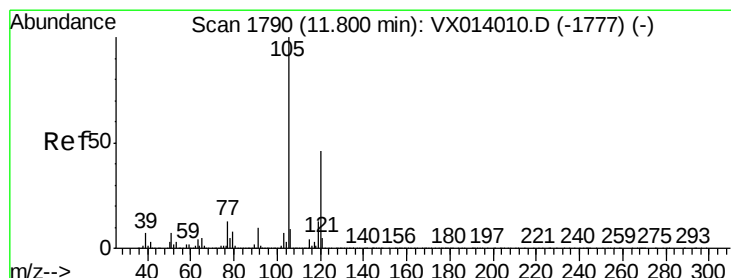
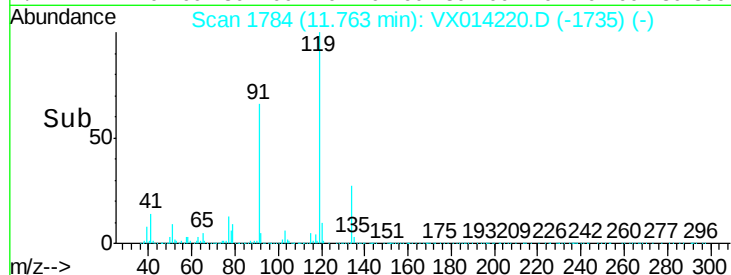
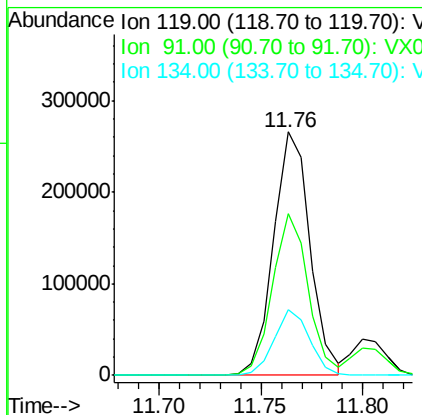
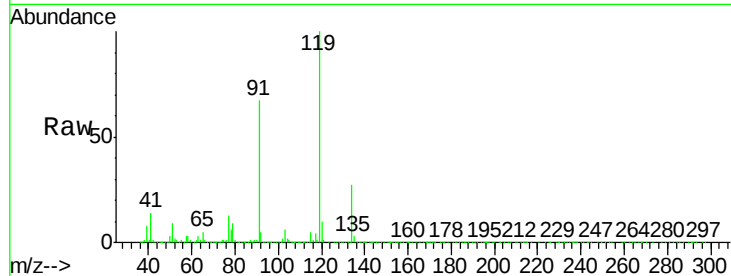
ClientSampleId :

VX1223MBS02

Tot Ion:	119	Resp:	331846
Ion Ratio	Lower	Upper	
119	100		
91	64.7	28.5	85.6
134	26.4	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 19.365 ug/l

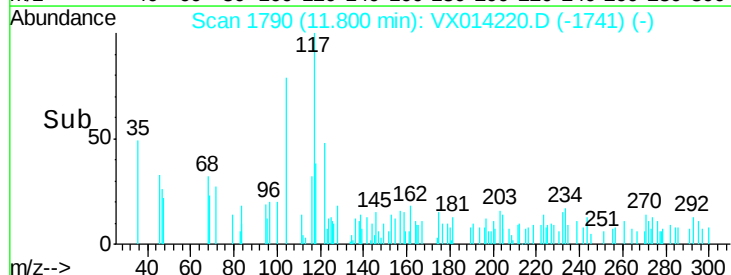
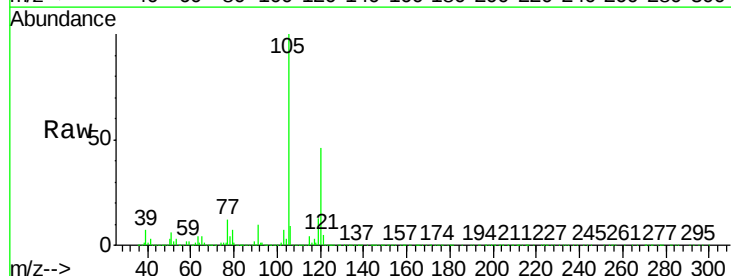
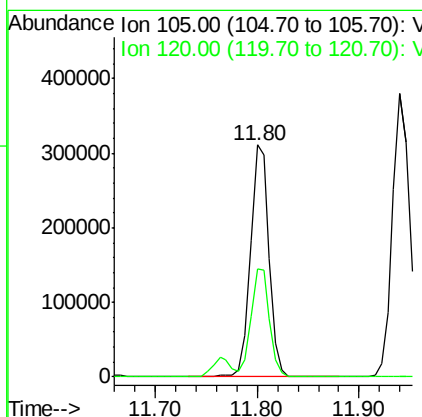
RT: 11.80 min Scan# 1790

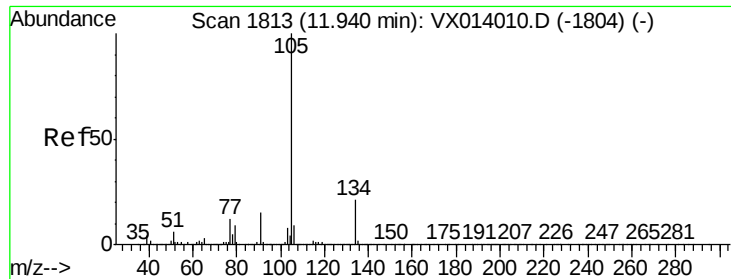
Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	105	Resp:	395821
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.305 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion:105 Resp: 452667

Ion Ratio Lower Upper

105 100

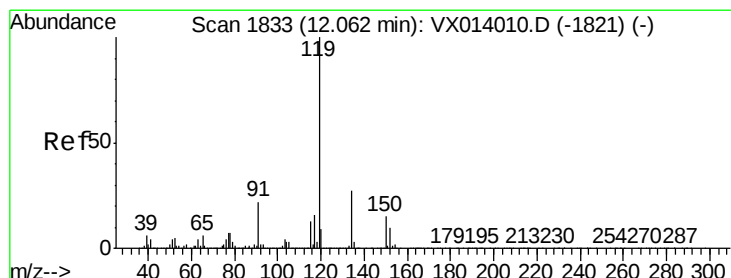
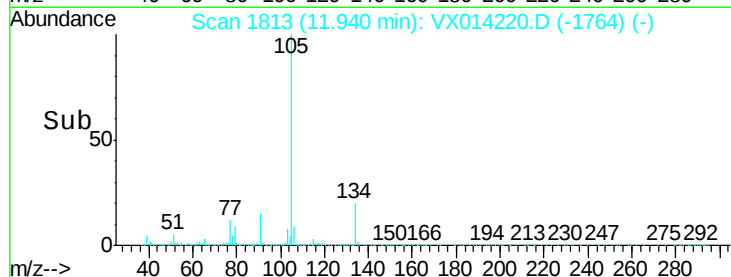
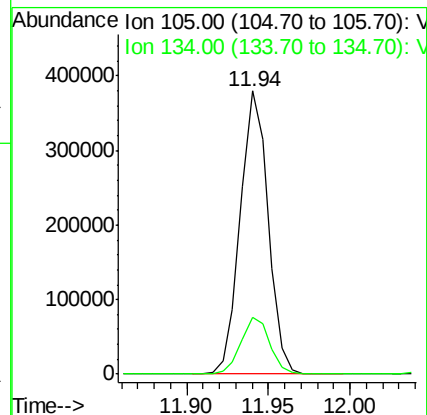
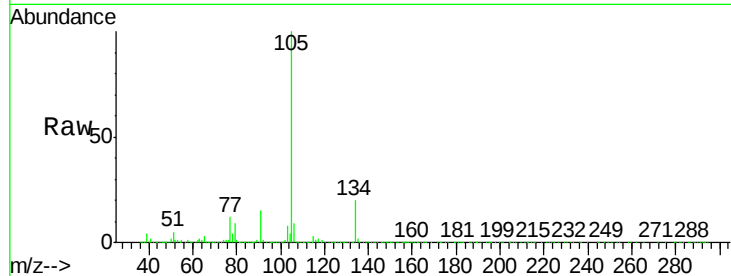
134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 18.957 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

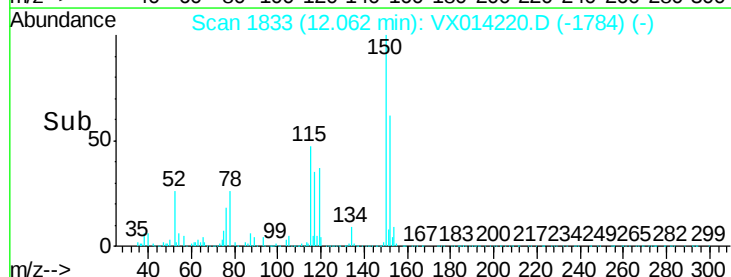
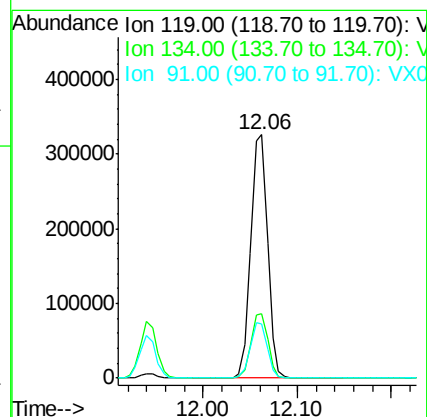
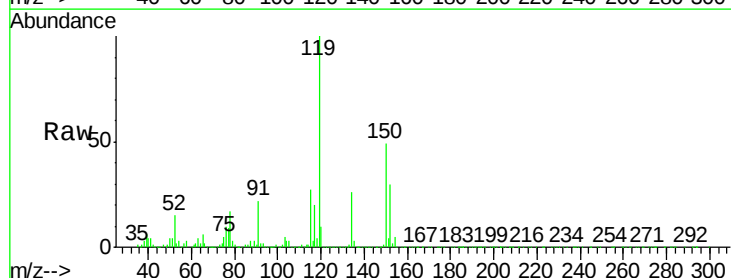
Tgt Ion:119 Resp: 406606

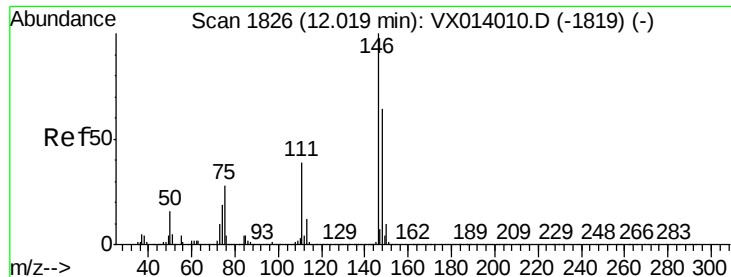
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.107 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

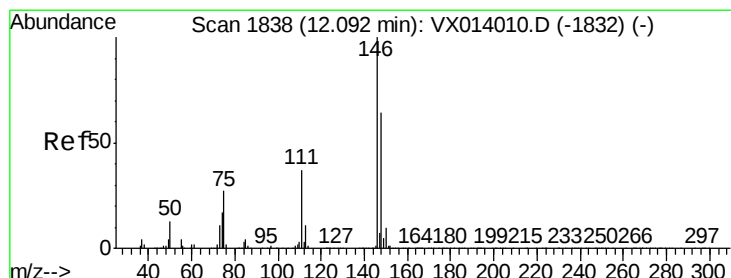
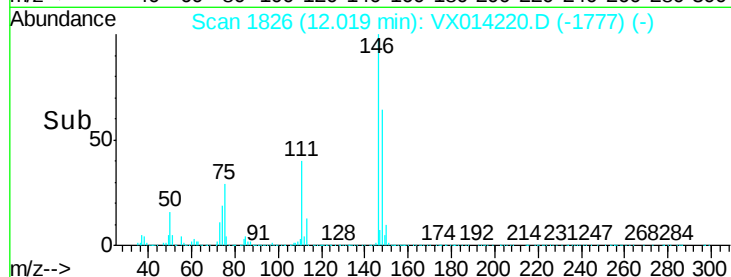
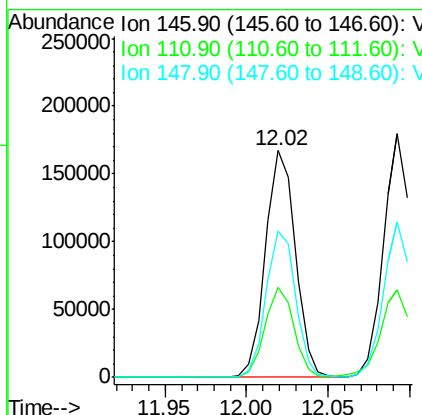
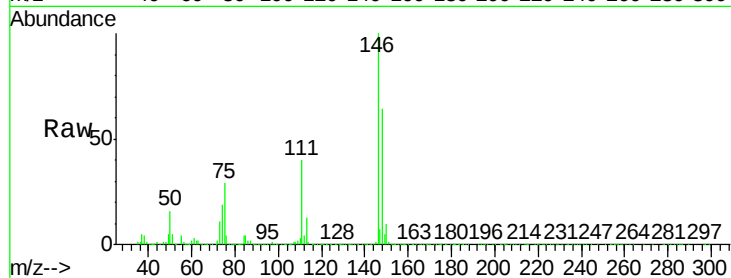
Instrument :
MSVOA_X

ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	63.7	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 18.049 ug/l

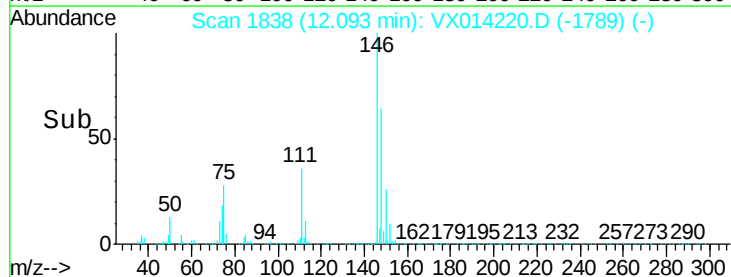
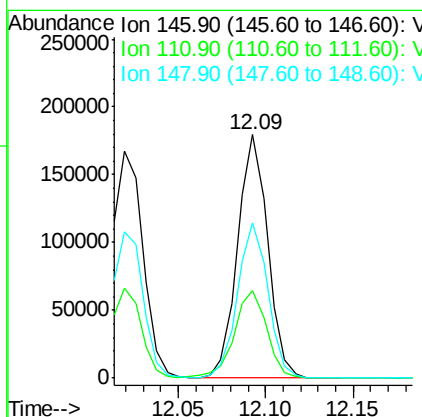
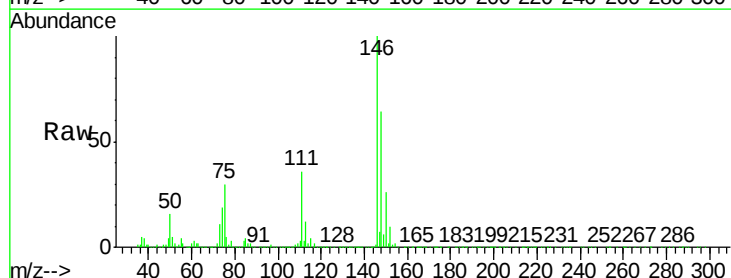
RT: 12.09 min Scan# 1838

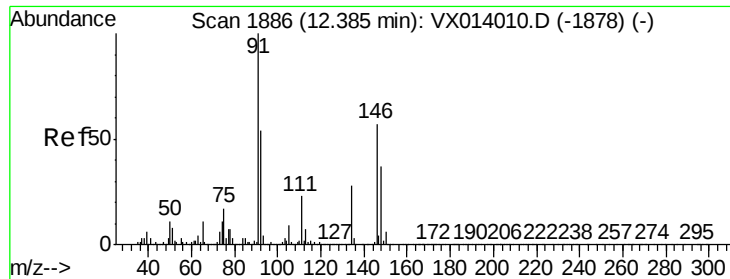
Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.7	56.1
148	64.7	31.9	95.9





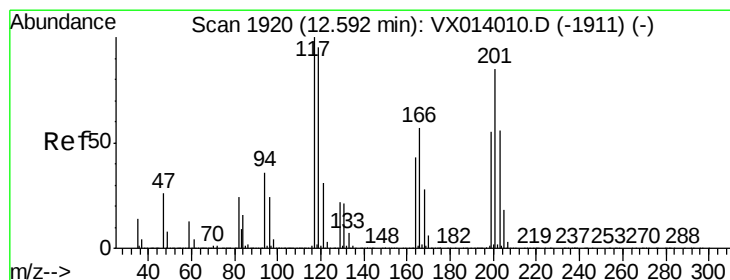
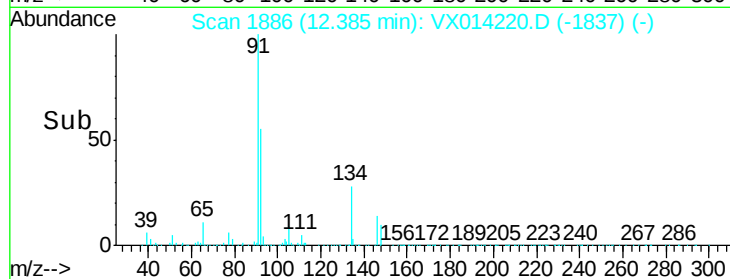
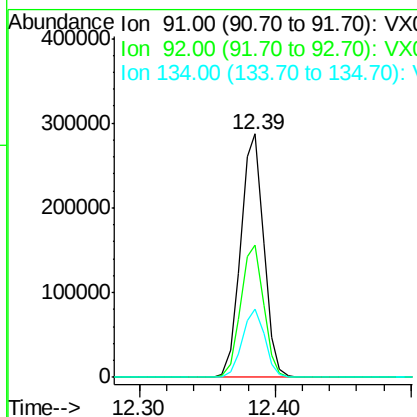
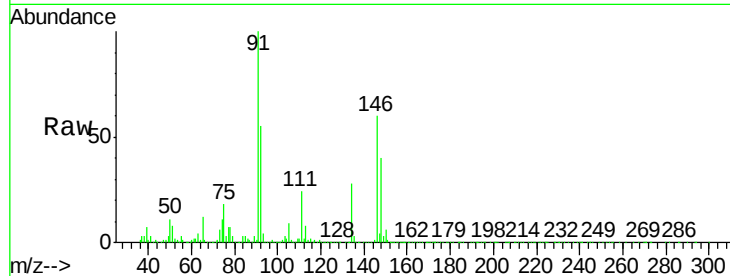
#89
n-Butylbenzene
Concen: 18.473 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	27.4	13.4	40.1

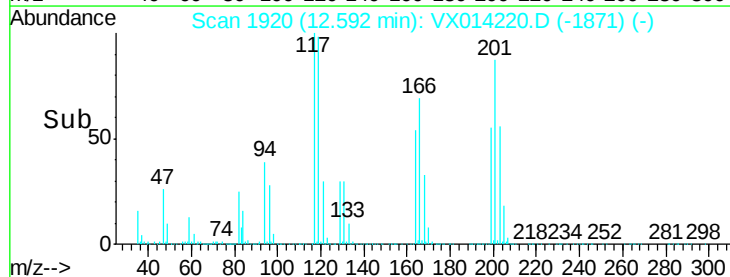
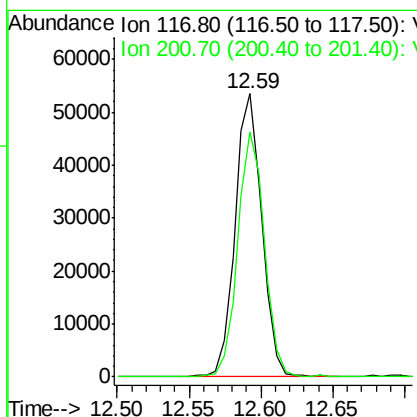
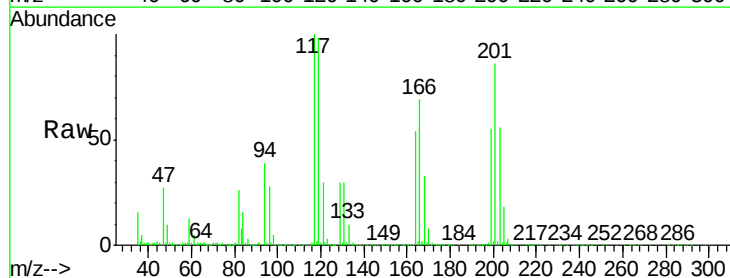
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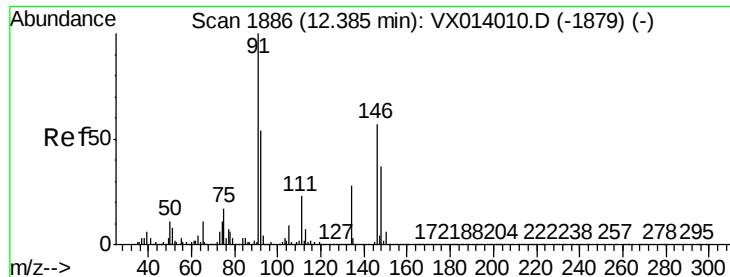
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#90
Hexachloroethane
Concen: 17.876 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014220.D
Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	43.1	129.3





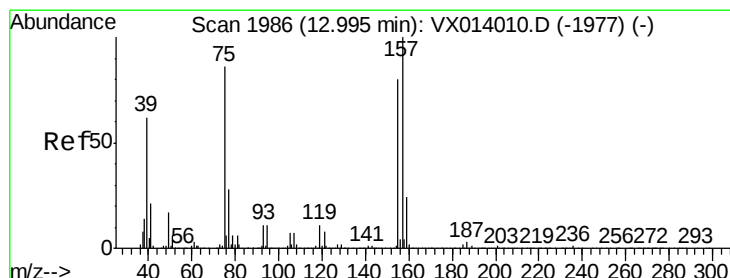
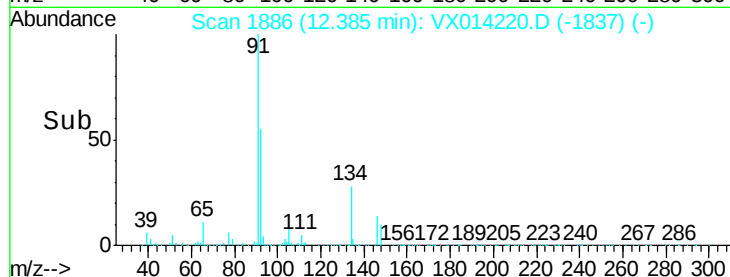
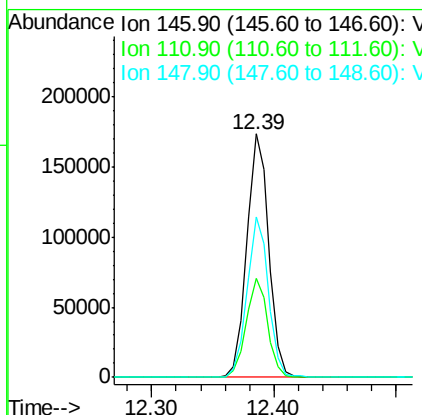
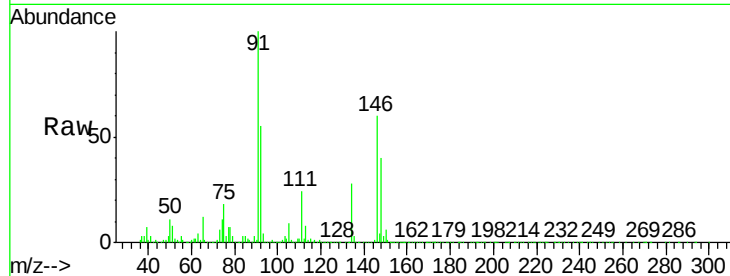
#91
 1,2-Dichlorobenzene
 Concen: 18.383 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	216402		
111	39.9	19.7	59.1	
148	64.0	32.1	96.5	

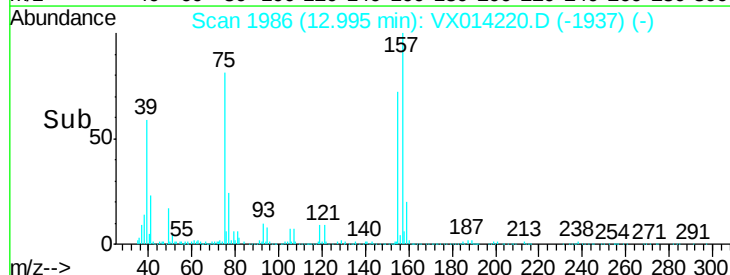
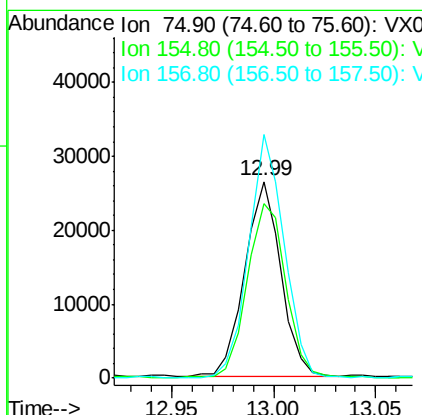
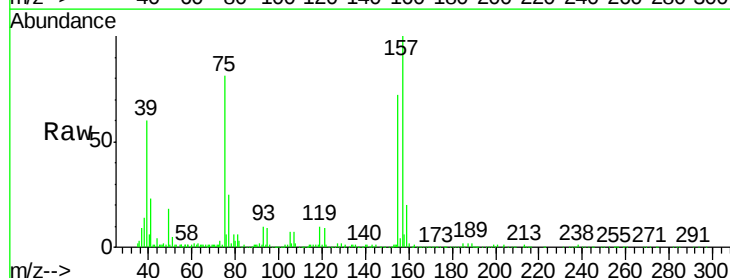
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.504 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32567		
155	96.8	46.9	140.6	
157	122.1	60.8	182.4	





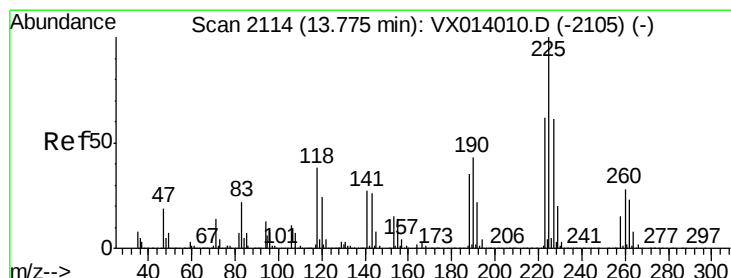
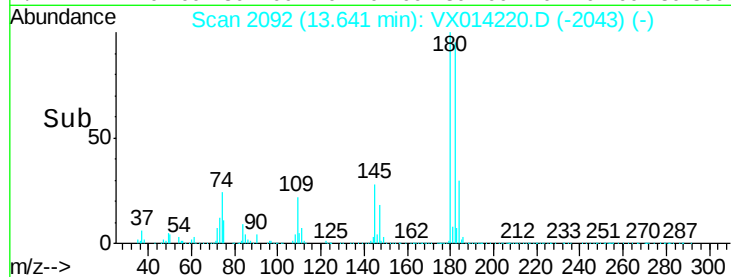
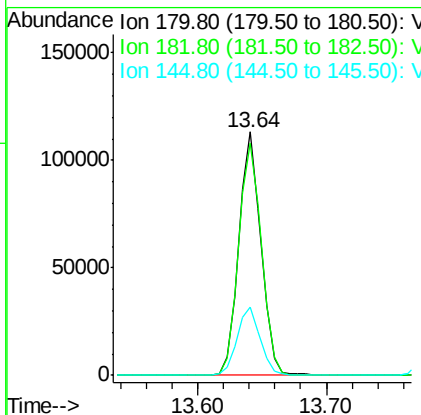
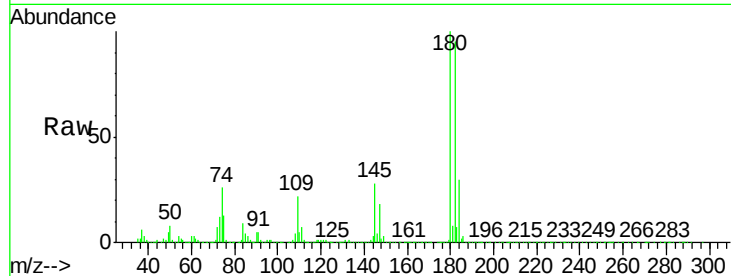
#93
 1,2,4-Trichlorobenzene
 Concen: 17.597 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134642		
182	98.1	46.6	139.8	
145	28.8	14.2	42.6	

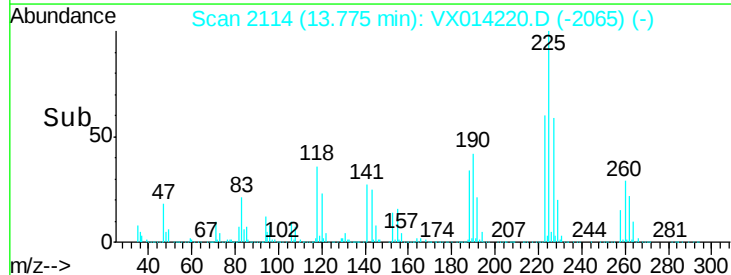
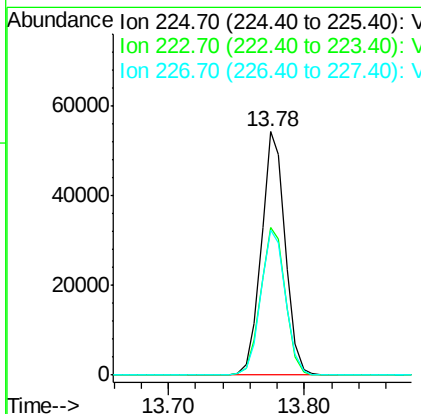
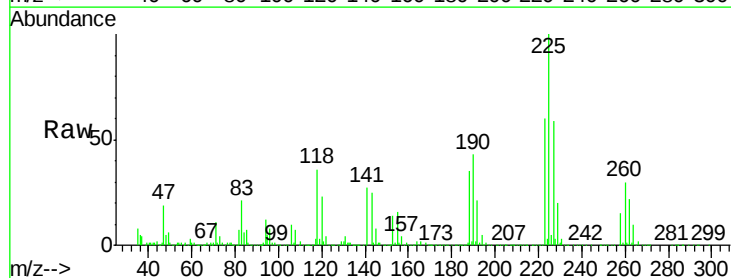
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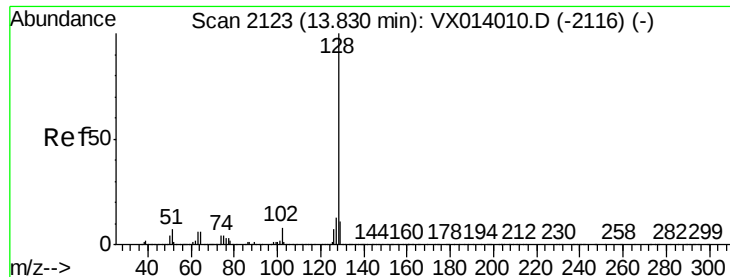
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#94
 Hexachlorobutadiene
 Concen: 18.228 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014220.D
 Acq: 23 Dec 2019 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67028		
223	62.6	30.9	92.5	
227	61.9	30.9	92.7	





#95

Naphthalene

Concen: 18.903 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Instrument :

MSVOA_X

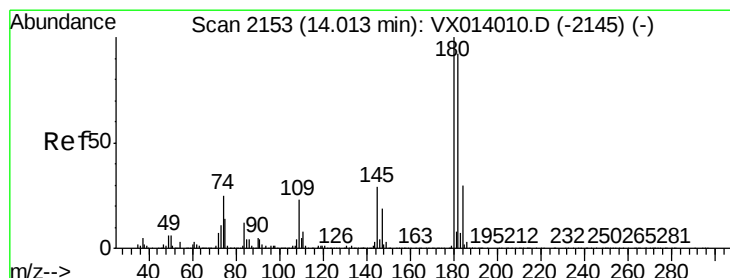
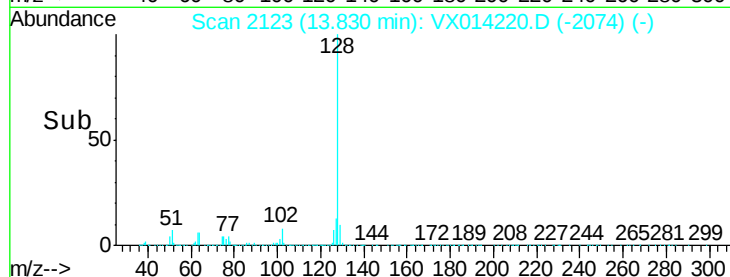
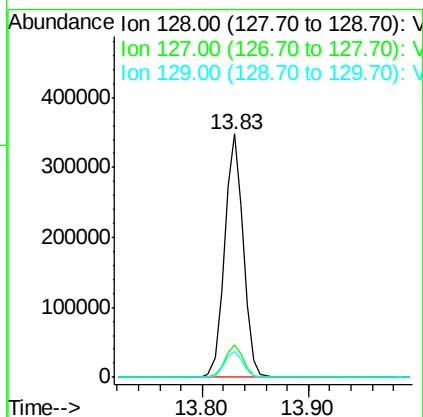
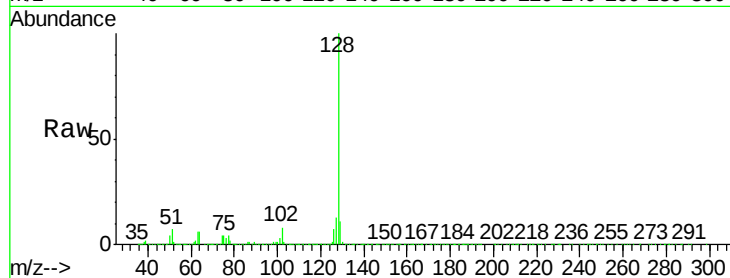
ClientSampleId :

VX1223MBS02

Tot Ion:	128	Resp:	424951
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.5	8.7	13.1

Manual Integrations
APPROVED

apatel
12/24/2019 12:05:15 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.569 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014220.D

Acq: 23 Dec 2019 23:22

Tgt Ion:	180	Resp:	140254
Ion Ratio	Lower	Upper	
180	100		
182	97.4	46.8	140.3
145	30.8	14.8	44.4

