

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013959.D
 Acq On : 11 Dec 2019 22:34
 Operator : JC/SP
 Sample : VX1211WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Manual Integrations
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 12/12/2019 9:26:49 AM

Quant Time: Dec 12 06:31:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	487098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	754555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	687596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	278192	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	229860	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	857100	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	313206	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92273	17.019	ug/l	99
3) Chloromethane	1.32	50	116012	19.070	ug/l	99
4) Vinyl Chloride	1.40	62	130502	19.059	ug/l	97
5) Bromomethane	1.63	94	94726	20.600	ug/l	96
6) Chloroethane	1.70	64	72851	18.697	ug/l	96
7) Trichlorofluoromethane	1.92	101	139342	18.327	ug/l	100
8) Diethyl Ether	2.18	74	68526	19.922	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84561	18.208	ug/l	99
10) Methyl Iodide	2.50	142	93171	16.585	ug/l	97
11) Tert butyl alcohol	3.04	59	123279	88.333	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85293	18.400	ug/l	98
13) Acrolein	2.28	56	72443	81.756	ug/l	98
14) Allyl chloride	2.72	41	156931	18.655	ug/l	98
15) Acrylonitrile	3.13	53	282898	98.201	ug/l	99
16) Acetone	2.44	43	322506	115.531	ug/l	97
17) Carbon Disulfide	2.56	76	200463	15.170	ug/l	98
18) Methyl Acetate	2.76	43	164283	21.134	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	307765	20.041	ug/l	99
20) Methylene Chloride	2.85	84	108972	20.319	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	91395	18.098	ug/l	96
22) Diisopropyl ether	3.84	45	337467	20.833	ug/l	96
23) Vinyl Acetate	3.80	43	1296802	96.235	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176432	19.924	ug/l	99
25) 2-Butanone	4.66	43	422577	101.858	ug/l	99
26) 2,2-Dichloropropane	4.57	77	120199	16.406	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113243	19.527	ug/l	97
28) Bromochloromethane	5.01	49	81546	23.297	ug/l	96
29) Tetrahydrofuran	5.11	42	252447	98.707	ug/l	99
30) Chloroform	5.20	83	174020	19.378	ug/l	99
31) Cyclohexane	5.57	56	141595	16.953	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	141384	18.840	ug/l	99
36) 1,1-Dichloropropene	5.79	75	121425	17.728	ug/l	98
37) Ethyl Acetate	4.82	43	148477	19.323	ug/l	99
38) Carbon Tetrachloride	5.78	117	114671	18.156	ug/l	95

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Manual Integrations
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Quant Time: Dec 12 06:31:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136162	16.082	ug/l	99
40) Benzene	6.14	78	403089	19.322	ug/l	99
41) Methacrylonitrile	5.03	41	85028	20.177	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140875	19.801	ug/l	99
43) Isopropyl Acetate	6.43	43	242630	19.180	ug/l	99
44) Trichloroethene	7.21	130	104123	18.186	ug/l	98
45) 1,2-Dichloropropane	7.51	63	107254	20.549	ug/l	93
46) Dibromomethane	7.65	93	67810	19.129	ug/l	98
47) Bromodichloromethane	7.89	83	126079	18.814	ug/l	98
48) Methyl methacrylate	7.76	41	119063	19.371	ug/l	98
49) 1,4-Dioxane	7.73	88	46921	341.038	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	802921	100.903	ug/l	99
52) Toluene	8.78	92	250972	19.365	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136243	17.861	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	153038	18.364	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	107069	20.501	ug/l	98
56) Ethyl methacrylate	9.17	69	164259	19.563	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177856	19.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	303220	92.106	ug/l	98
59) 2-Hexanone	9.49	43	597644	96.298	ug/l	98
60) Dibromochloromethane	9.58	129	101784	18.780	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107878	19.340	ug/l	100
64) Tetrachloroethene	9.33	164	109293	21.314	ug/l	99
65) Chlorobenzene	10.14	112	269509	18.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	97633	19.045	ug/l	99
67) Ethyl Benzene	10.25	91	462285	18.845	ug/l	100
68) m/p-Xylenes	10.35	106	352245	37.505	ug/l	100
69) o-Xylene	10.70	106	174311	19.030	ug/l	98
70) Styrene	10.71	104	291676	18.929	ug/l	99
71) Bromoform	10.85	173	74188	17.490	ug/l	98
73) Isopropylbenzene	11.01	105	457564	19.636	ug/l	99
74) N-amyl acetate	10.89	43	207428	19.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167018	20.668	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149077m	19.952	ug/l	
77) Bromobenzene	11.25	156	119445	18.974	ug/l	97
78) n-propylbenzene	11.35	91	500363	19.235	ug/l	99
79) 2-Chlorotoluene	11.42	91	310513	19.899	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377857	19.785	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44368	16.246	ug/l	93
82) 4-Chlorotoluene	11.51	91	349070	19.314	ug/l	99
83) tert-Butylbenzene	11.76	119	372045	19.168	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	382529	19.735	ug/l	100
85) sec-Butylbenzene	11.94	105	424181	19.133	ug/l	99
86) p-Isopropyltoluene	12.06	119	390520	18.935	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207370	18.897	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	204197	18.269	ug/l	99
89) n-Butylbenzene	12.38	91	314420	17.874	ug/l	100
90) Hexachloroethane	12.59	117	66045	17.716	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	212553	19.604	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31080	17.661	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

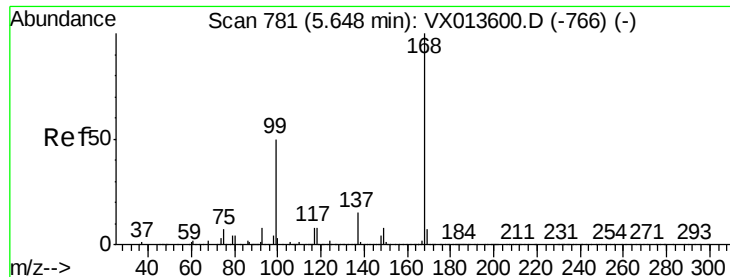
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12/12/2019 9:26:49 AM

Quant Time: Dec 12 06:31:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130104	17.218	ug/l	99
94) Hexachlorobutadiene	13.77	225	62693	17.271	ug/l	99
95) Naphthalene	13.83	128	403498	17.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	137152	18.332	ug/l	98

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



#1

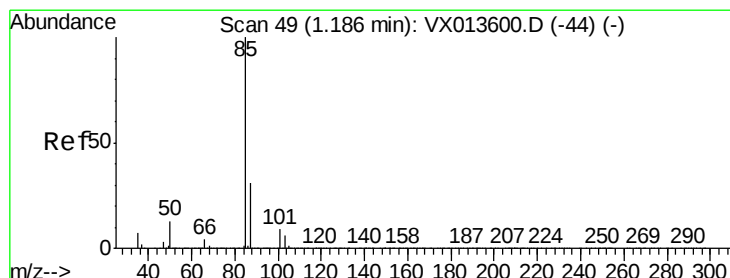
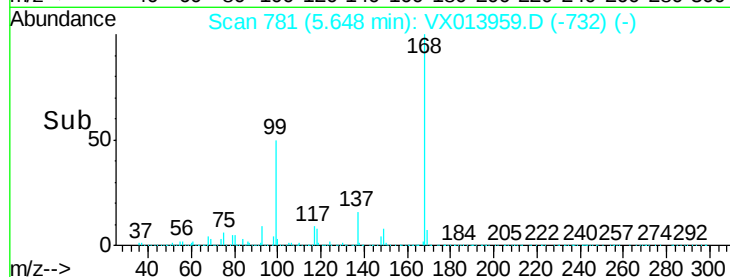
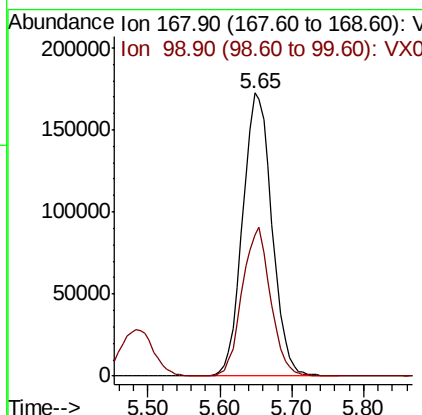
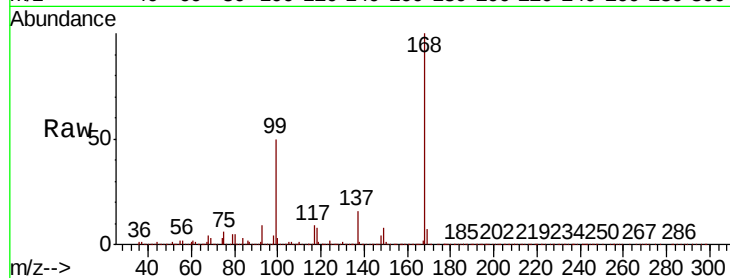
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.8	59.8

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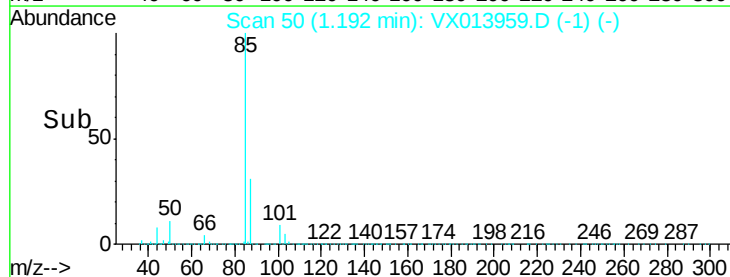
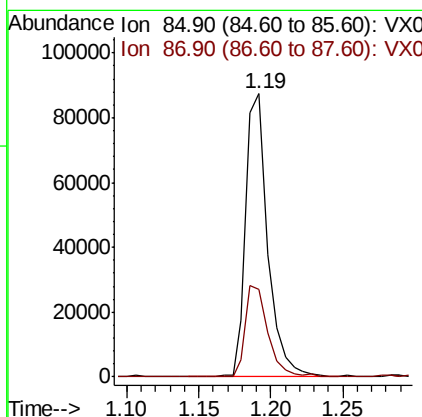
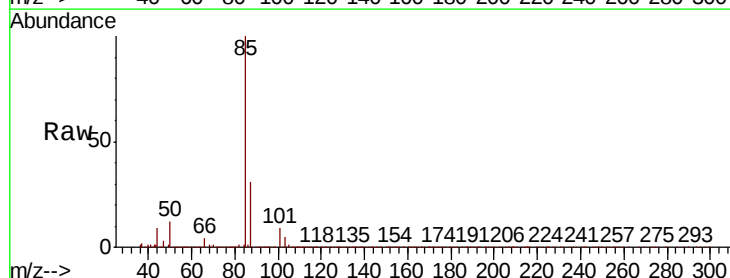
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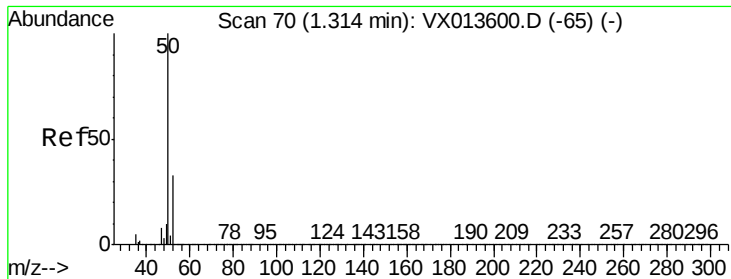


#2

Dichlorodifluoromethane
Concen: 17.019 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	15.7	47.1





#3

Chloromethane

Concen: 19.070 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 50 Resp: 116012

Ion Ratio Lower Upper

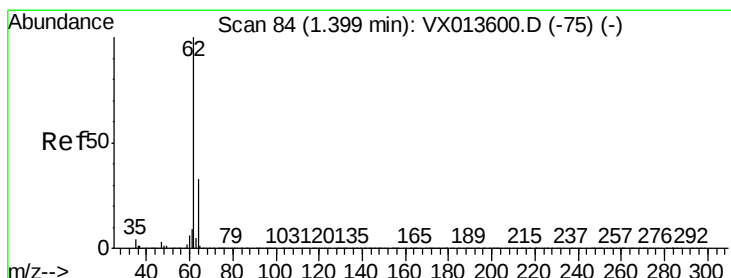
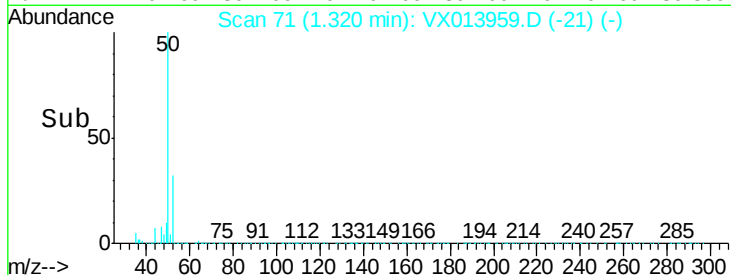
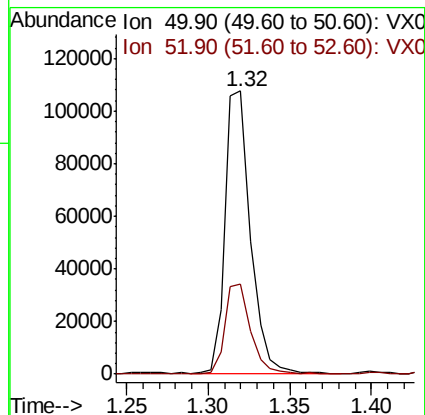
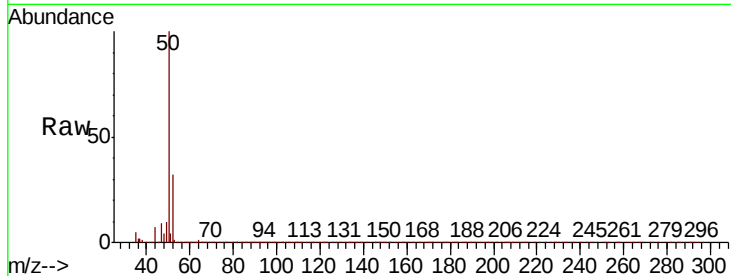
50 100

52 31.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.059 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013959.D

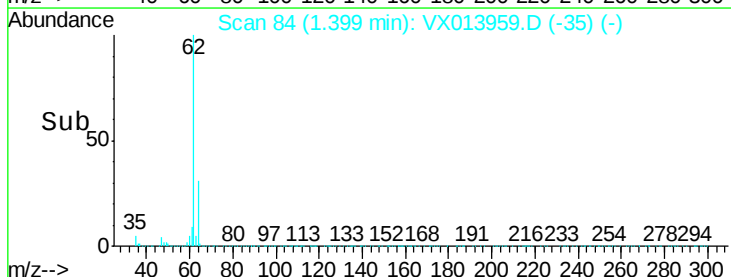
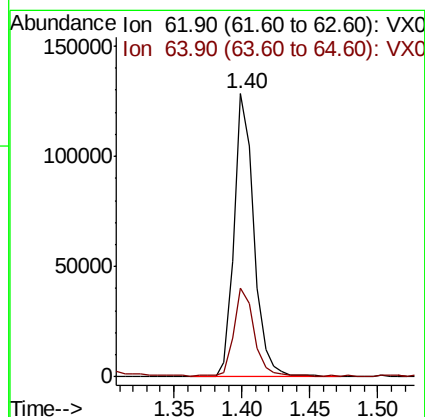
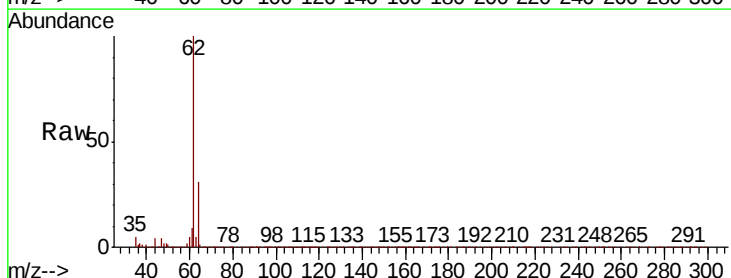
Acq: 11 Dec 2019 22:34

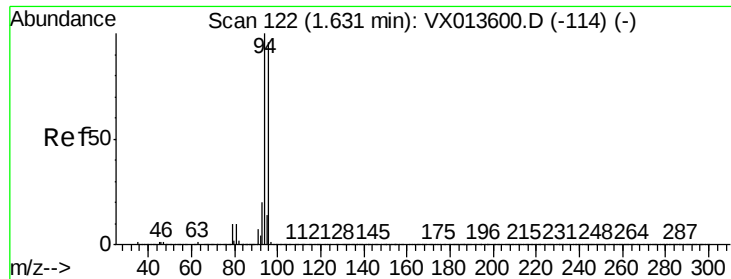
Tgt Ion: 62 Resp: 130502

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0





#5

Bromomethane

Concen: 20.600 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 94 Resp: 94726

Ion Ratio Lower Upper

94 100

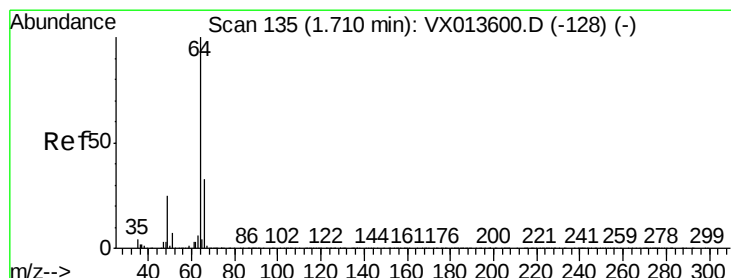
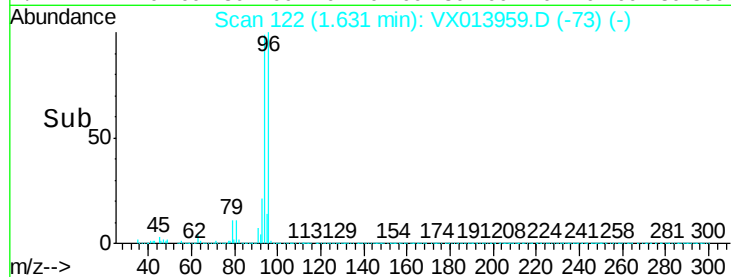
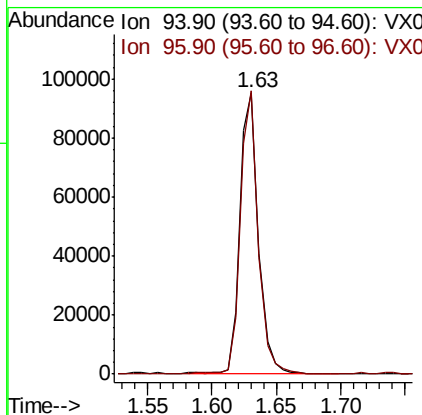
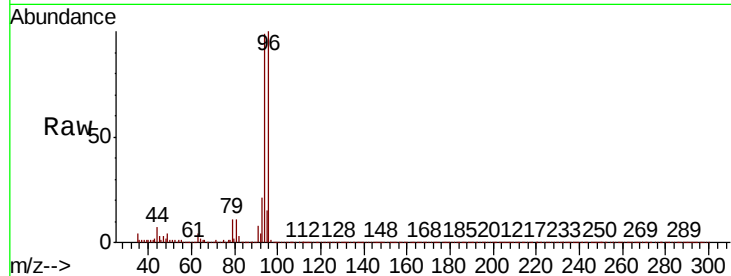
96 100.6 77.0 115.4

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#6

Chloroethane

Concen: 18.697 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013959.D

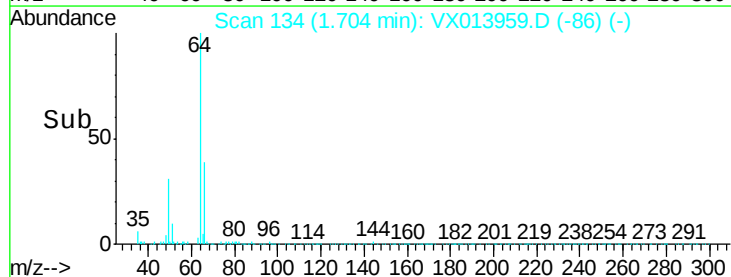
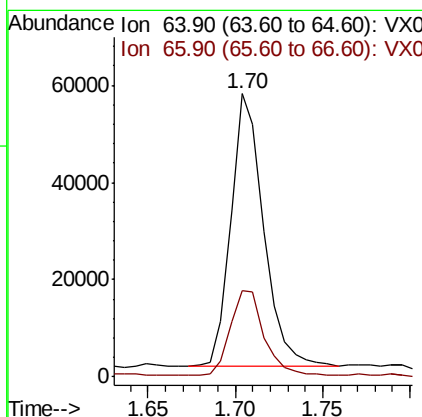
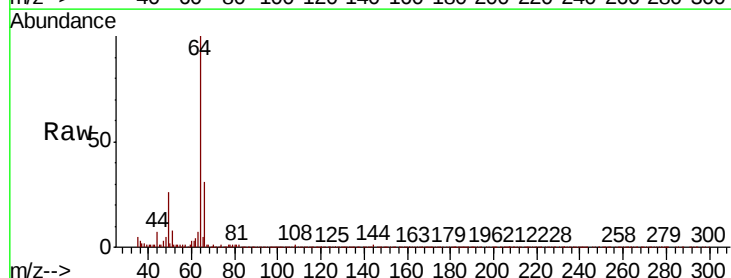
Acq: 11 Dec 2019 22:34

Tgt Ion: 64 Resp: 72851

Ion Ratio Lower Upper

64 100

66 31.0 26.7 40.1





#7

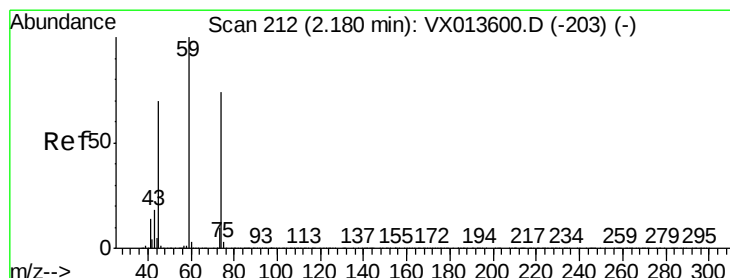
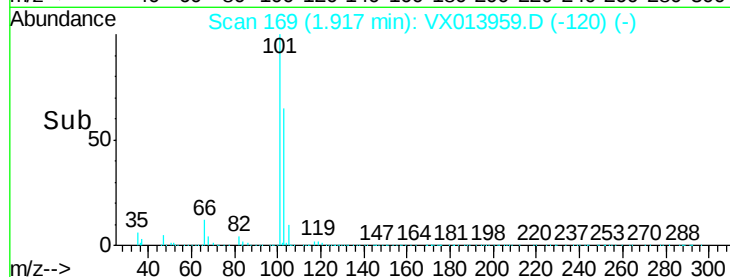
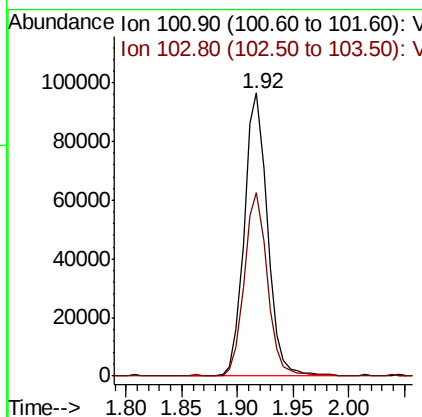
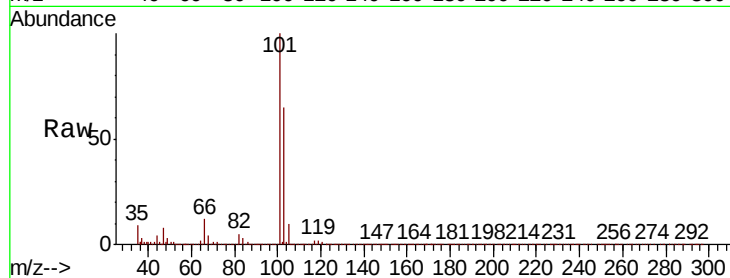
Trichlorofluoromethane
Concen: 18.327 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6

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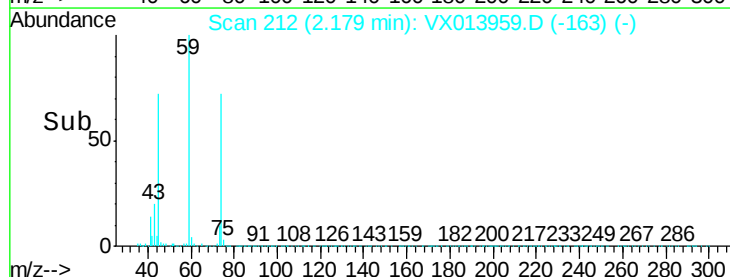
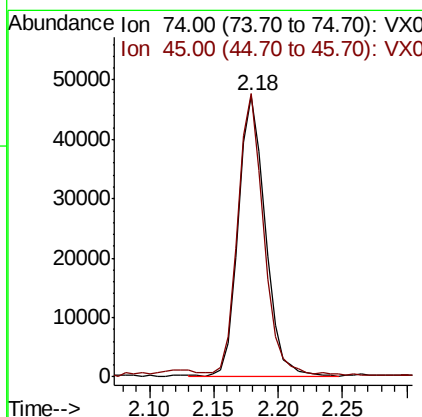
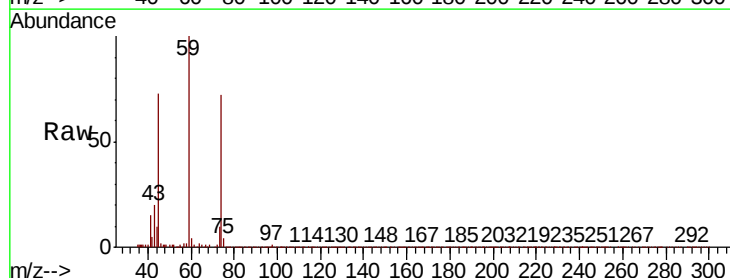
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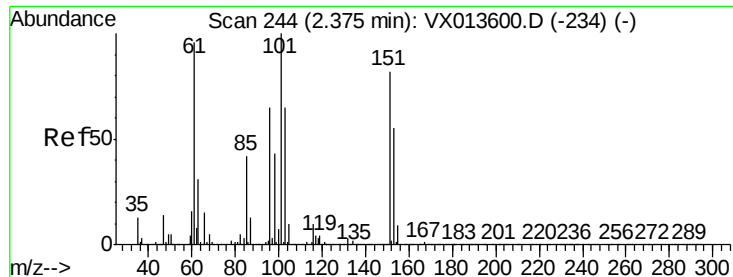


#8

Diethyl Ether
Concen: 19.922 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.208 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

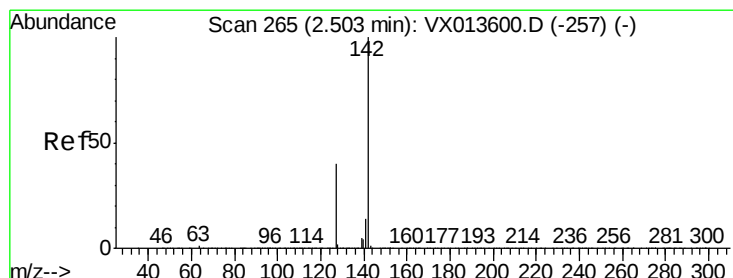
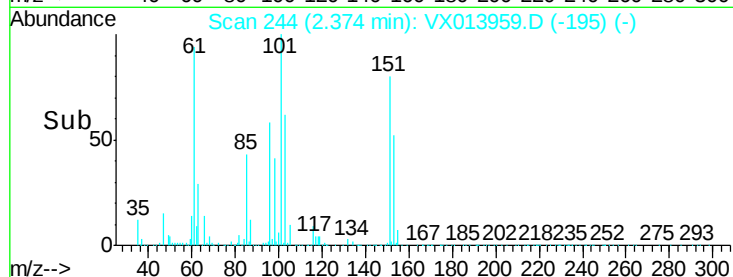
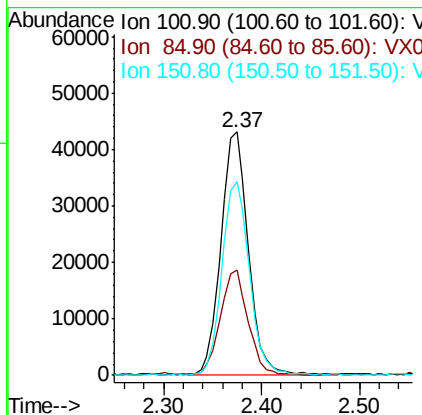
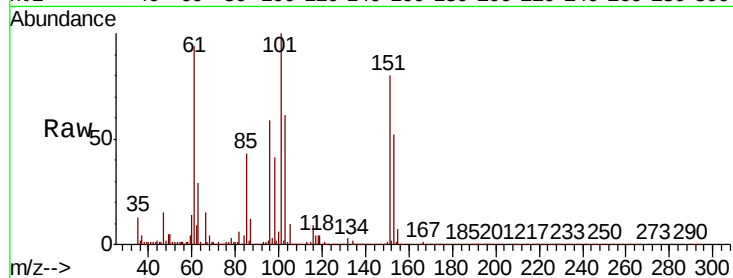
ClientSampleId :

VX1211WBS02

Tot Ion:	101	Resp:	84561
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.9	50.9
151	79.3	64.2	96.2

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#10

Methyl Iodide

Concen: 16.585 ug/l

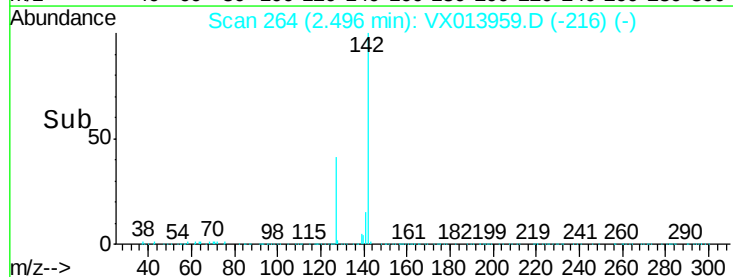
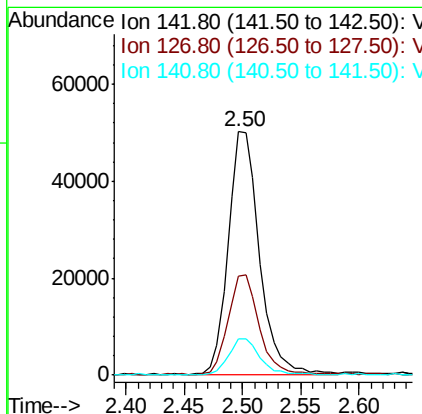
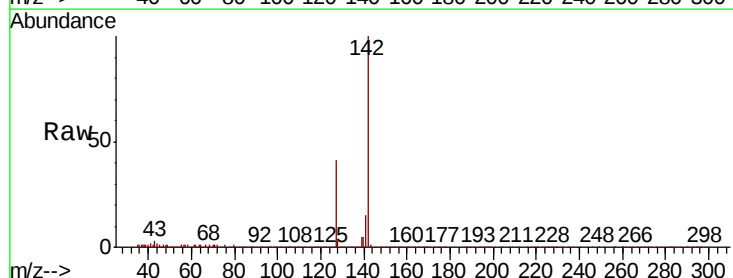
RT: 2.50 min Scan# 264

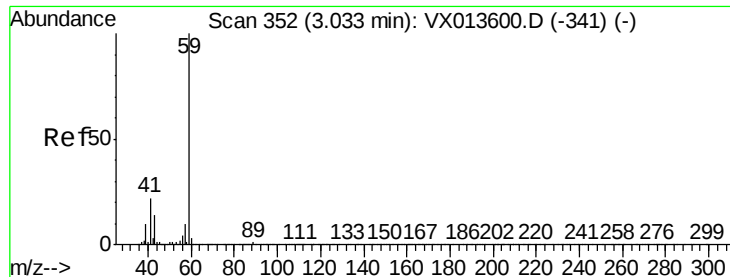
Delta R.T. -0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion:	142	Resp:	93171
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.0	46.4
141	15.3	11.6	17.4





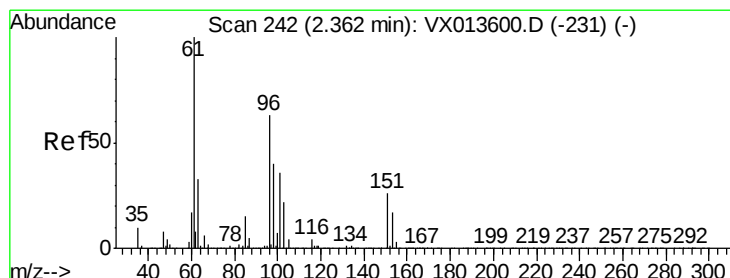
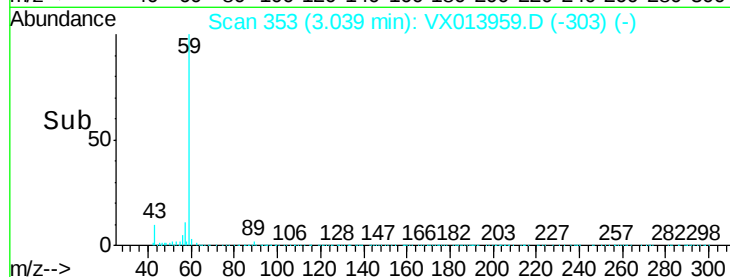
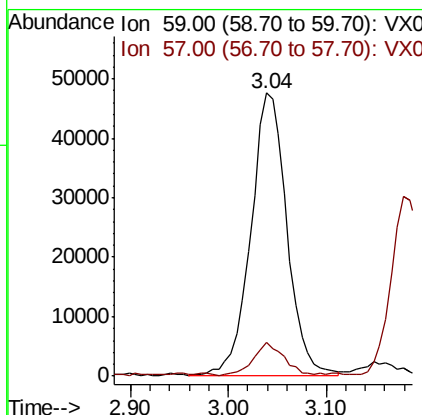
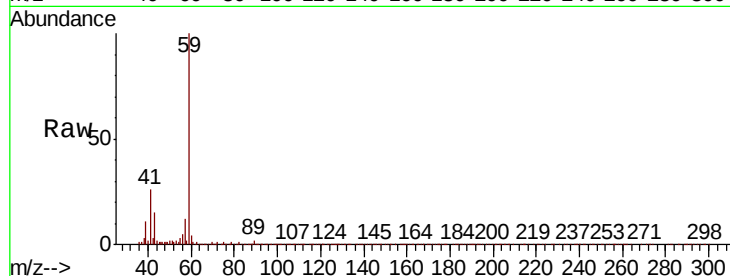
#11
Tert butyl alcohol
Concen: 88.333 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.6

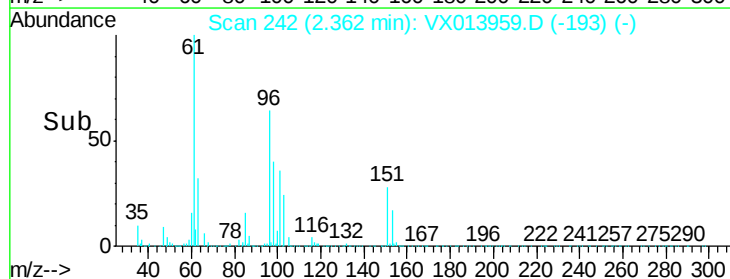
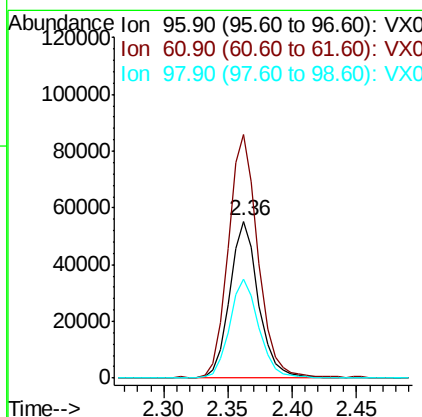
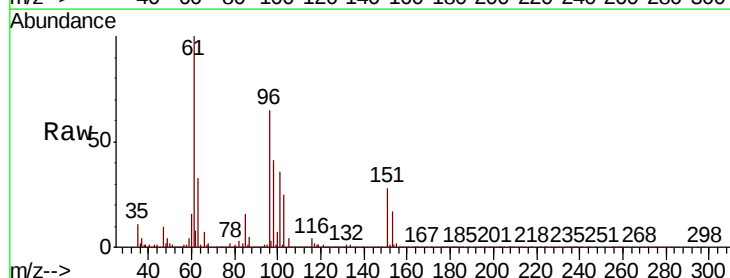
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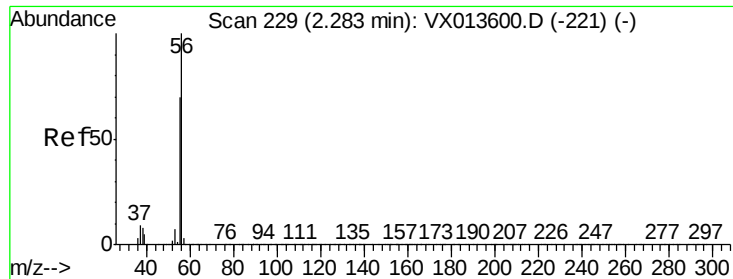
apatel
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#12
1,1-Dichloroethene
Concen: 18.400 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	126.6	190.0
98	62.8	50.6	76.0





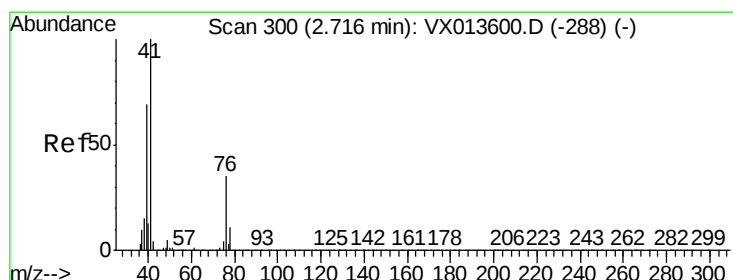
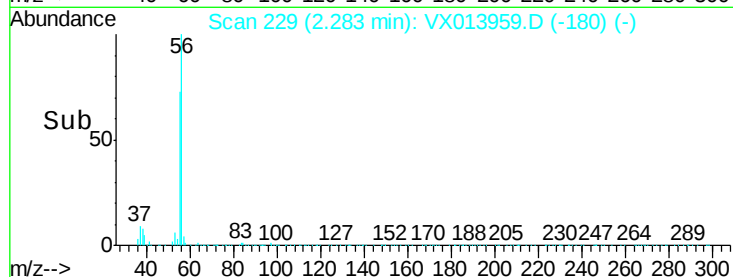
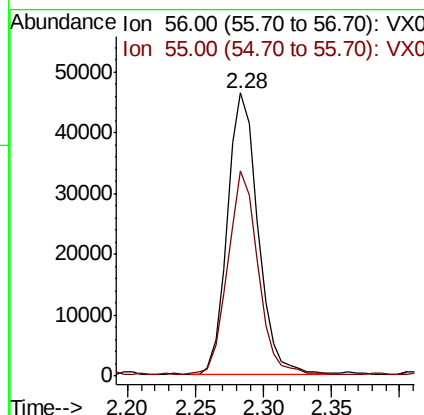
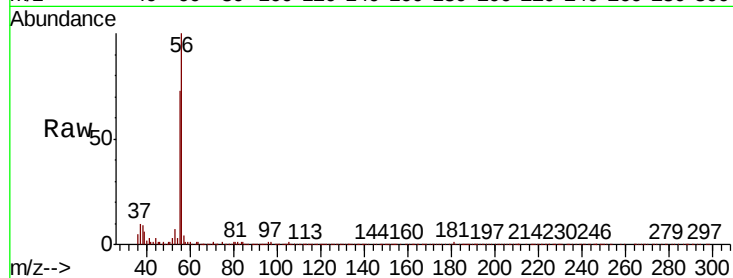
#13
Acrolein
Concen: 81.756 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.2	84.4

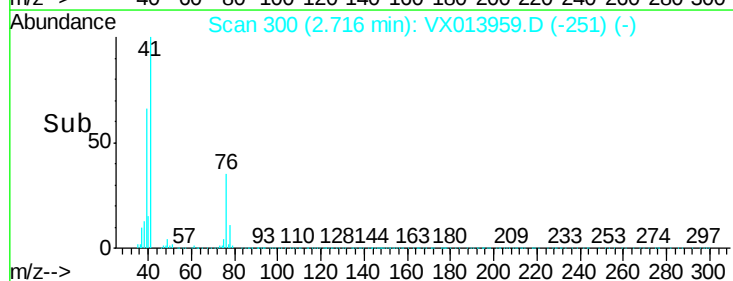
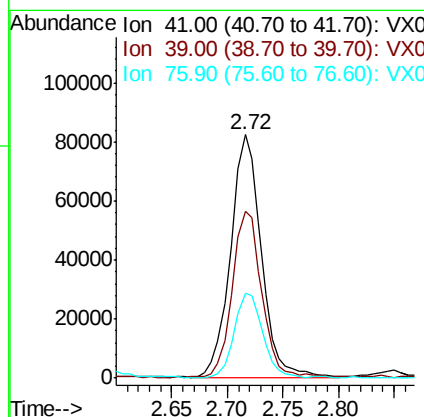
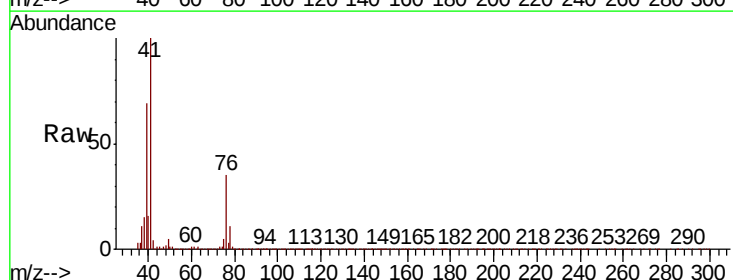
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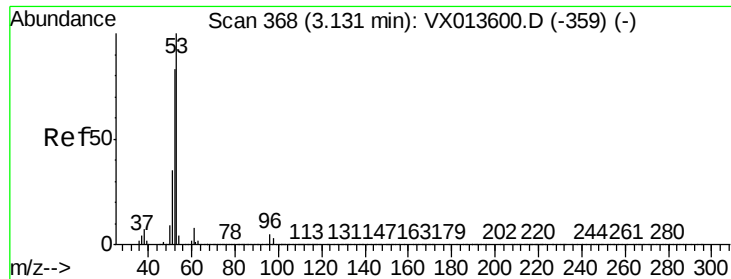
apatel
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#14
Allyl chloride
Concen: 18.655 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.2	51.7	77.5
76	32.2	25.9	38.9





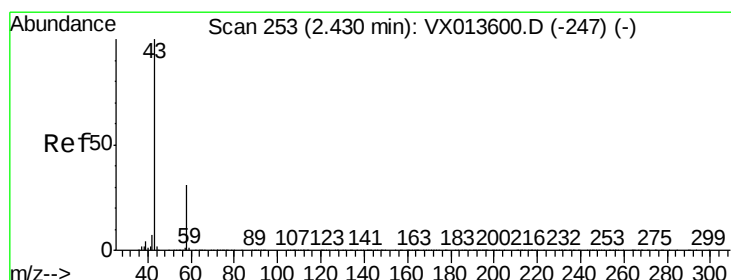
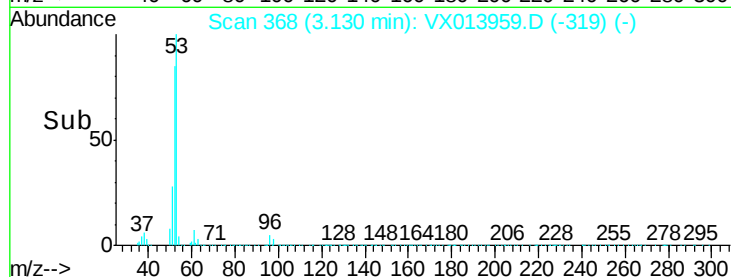
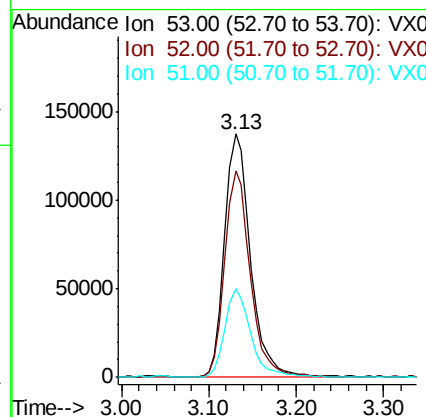
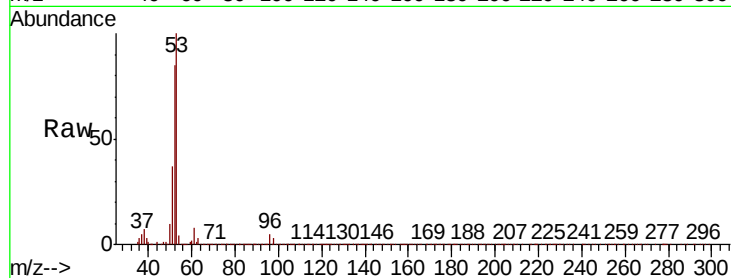
#15
Acrylonitrile
Concen: 98.201 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	83.8	66.2	99.2
51	51	35.9	29.0	43.6

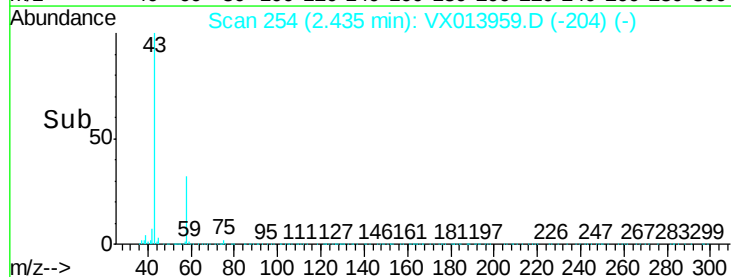
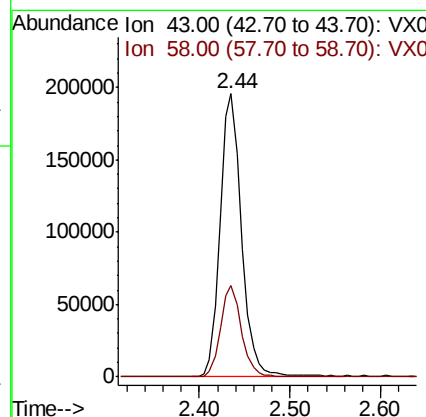
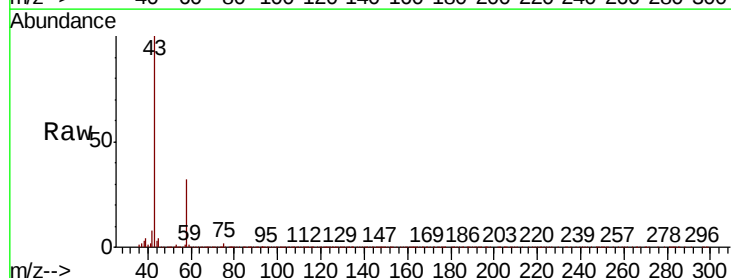
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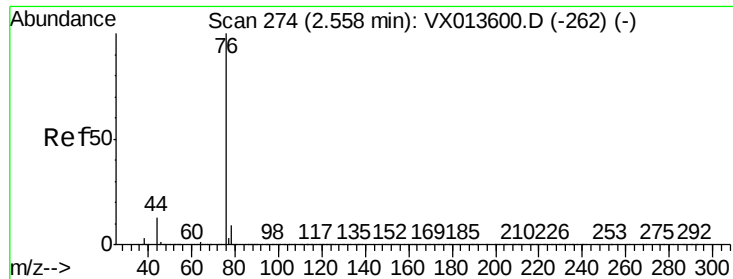
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#16
Acetone
Concen: 115.531 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	32.1	24.6	36.8





#17

Carbon Disulfide

Concen: 15.170 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 76 Resp: 200463

Ion Ratio Lower Upper

76 100

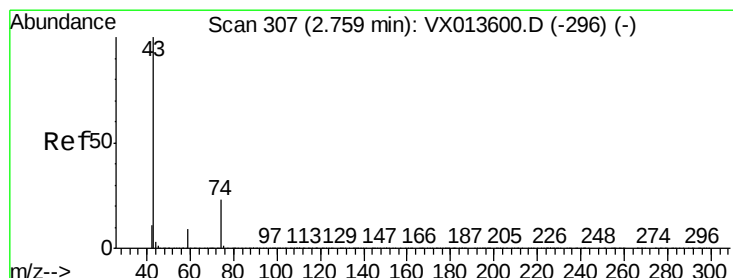
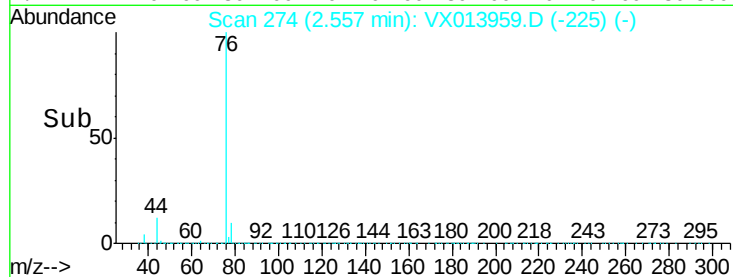
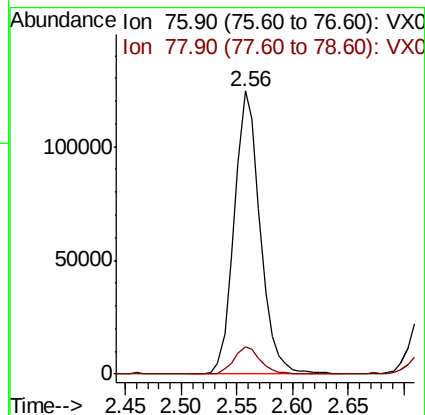
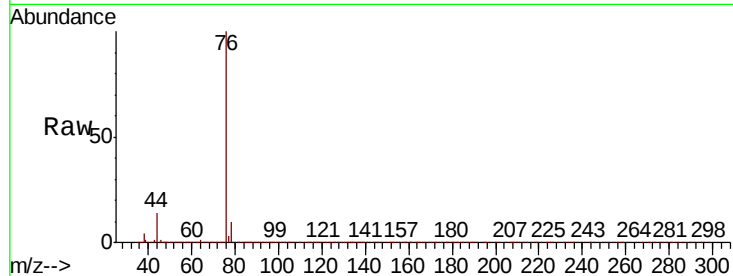
78 9.7 7.2 10.8

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#18

Methyl Acetate

Concen: 21.134 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013959.D

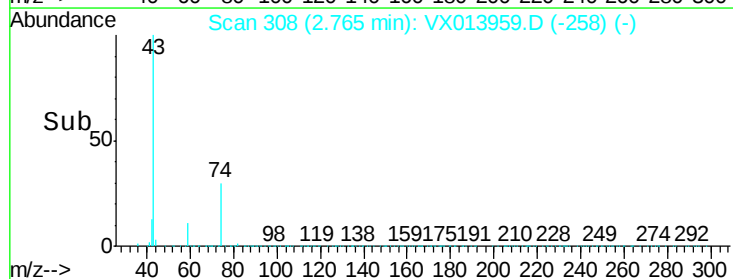
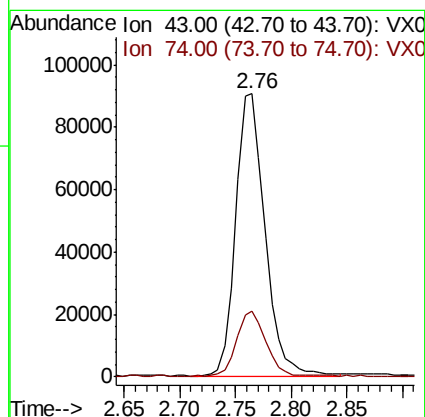
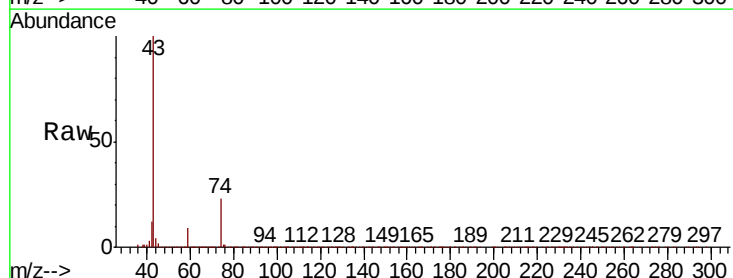
Acq: 11 Dec 2019 22:34

Tgt Ion: 43 Resp: 164283

Ion Ratio Lower Upper

43 100

74 22.8 19.5 29.3





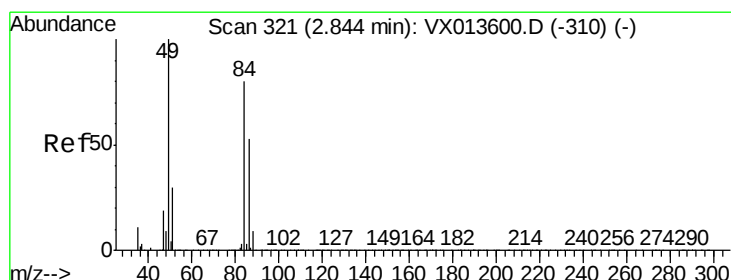
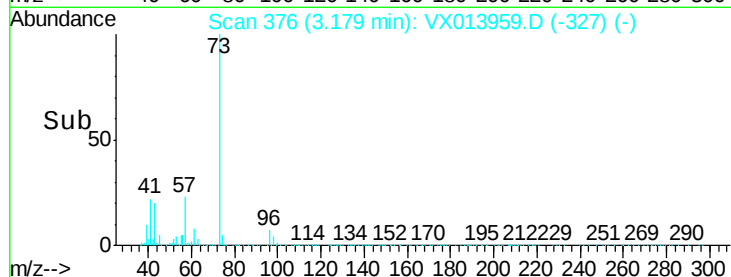
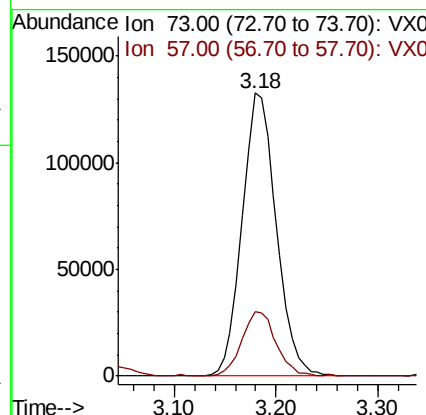
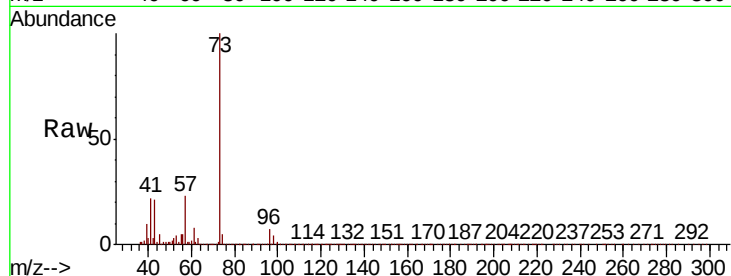
#19
Methyl tert-butyl Ether
Concen: 20.041 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.3	27.5

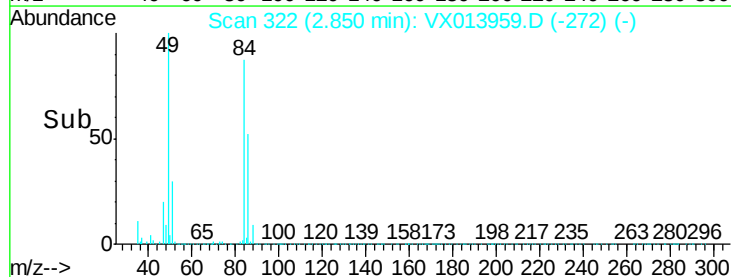
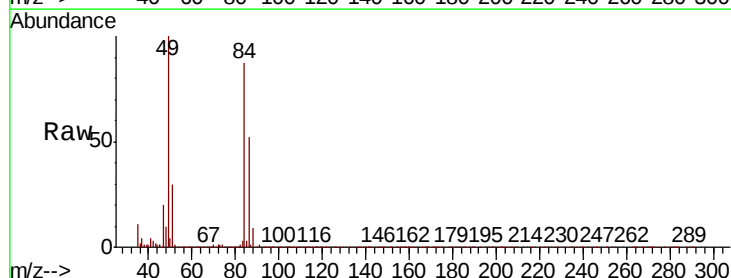
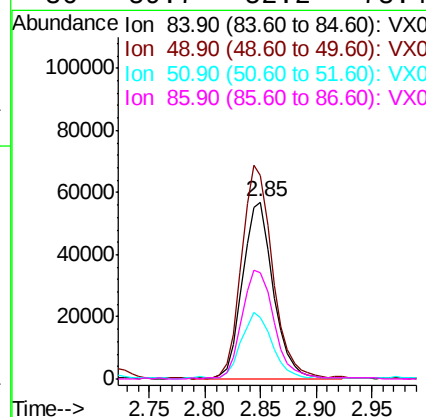
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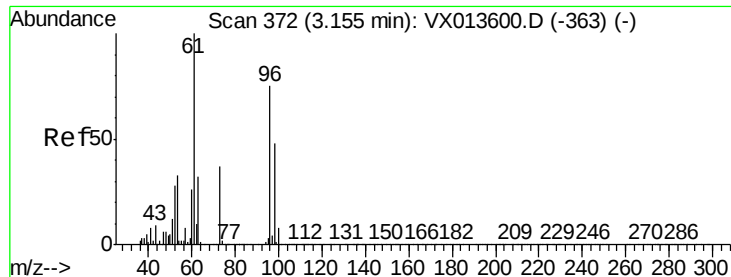
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#20
Methylene Chloride
Concen: 20.319 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.8	99.7	149.5
51	34.4	29.9	44.9
86	59.7	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.098 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 96 Resp: 91395

Ion Ratio Lower Upper

96 100

61 139.7 107.2 160.8

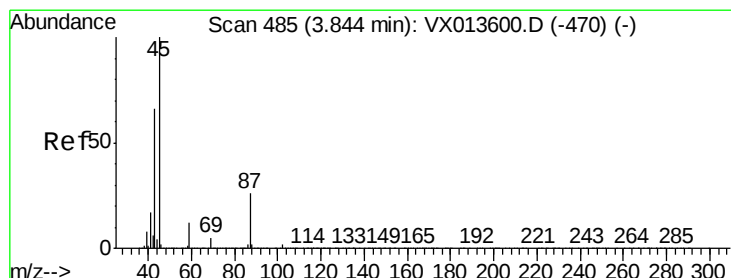
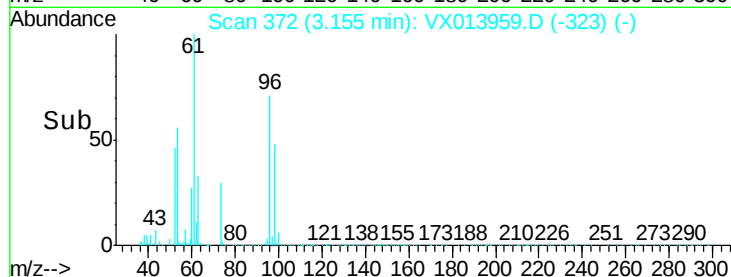
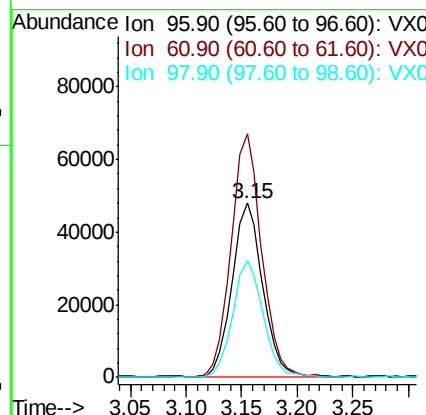
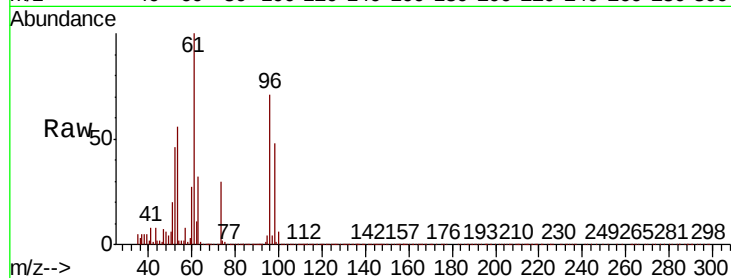
98 67.1 51.4 77.0

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#22

Diisopropyl ether

Concen: 20.833 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion: 45 Resp: 337467

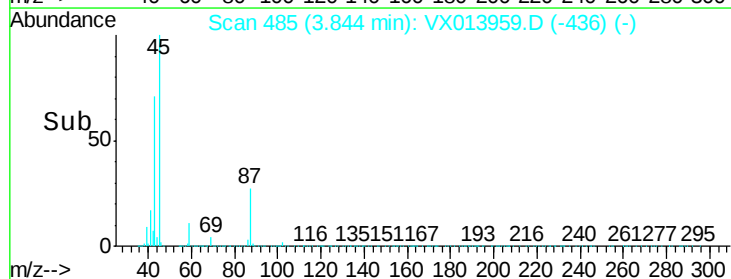
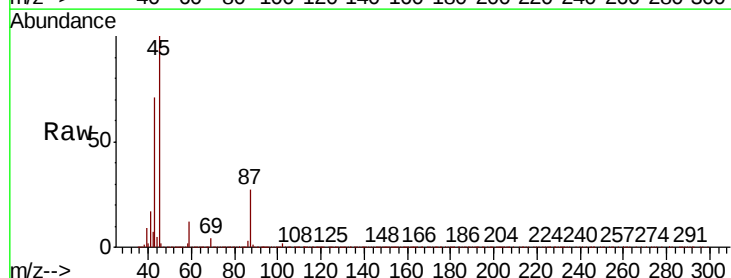
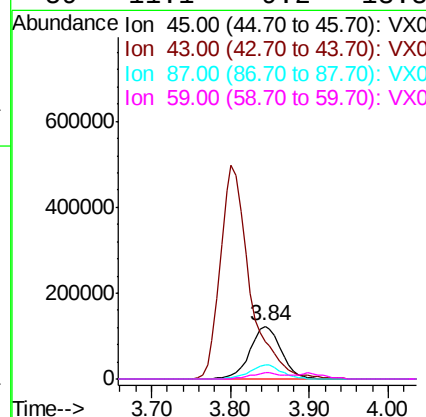
Ion Ratio Lower Upper

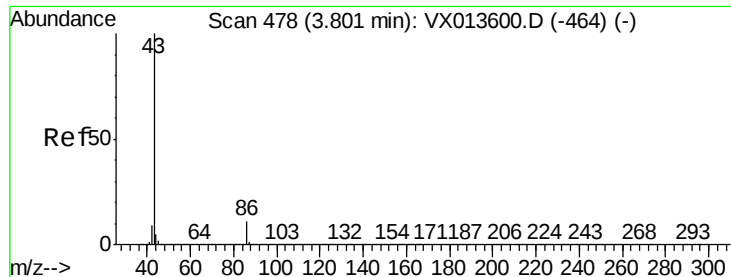
45 100

43 70.7 52.6 79.0

87 26.5 21.1 31.7

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 96.235 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 43 Resp: 1296802

Ion Ratio Lower Upper

43 100

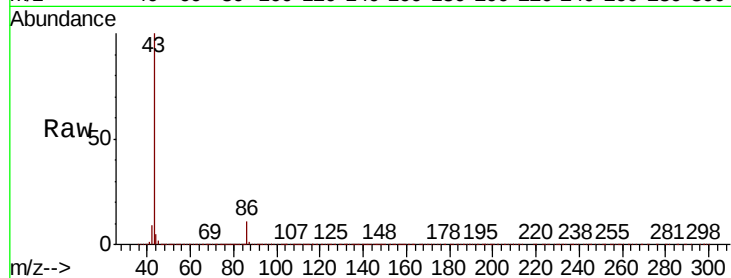
86 10.6 8.7 13.1

Manual Integrations

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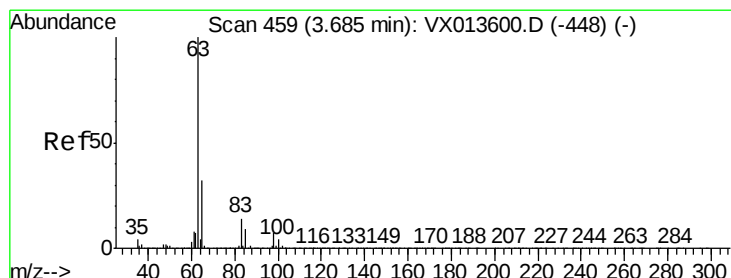
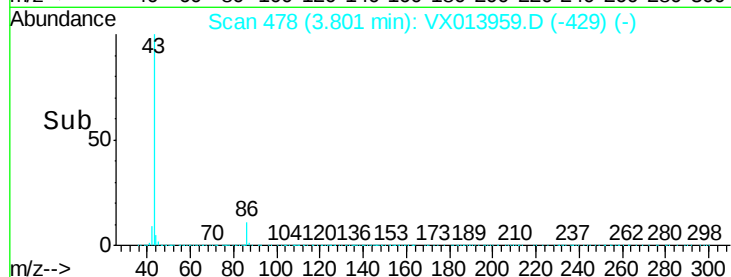
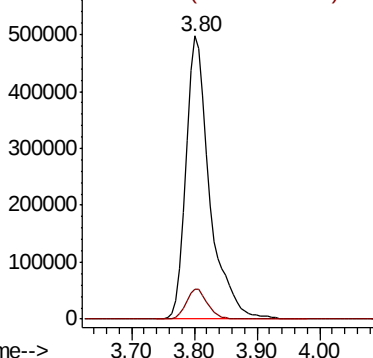
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.924 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

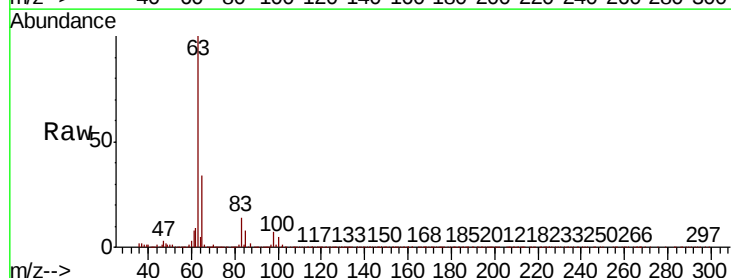
Tgt Ion: 63 Resp: 176432

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

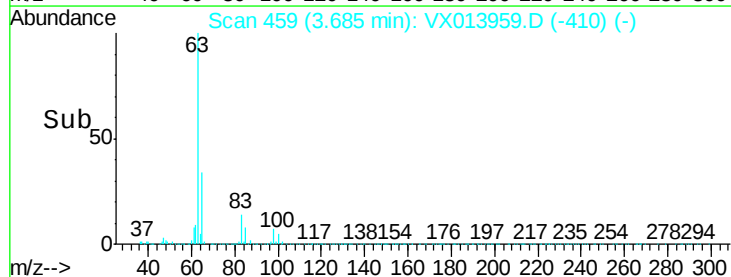
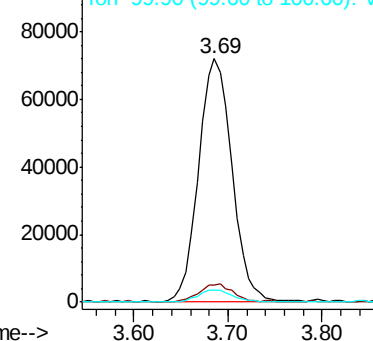
100 4.9 2.1 6.3

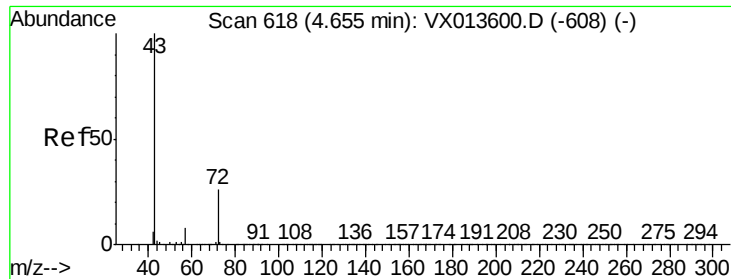


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.858 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 43 Resp: 422577

Ion Ratio Lower Upper

43 100

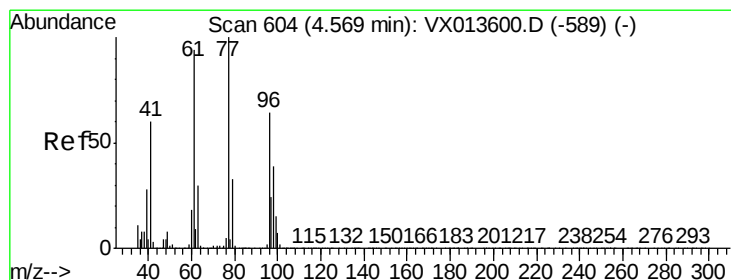
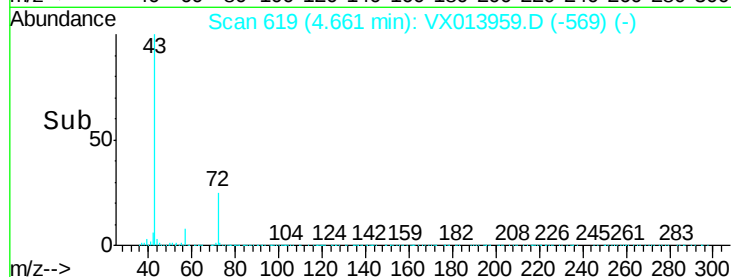
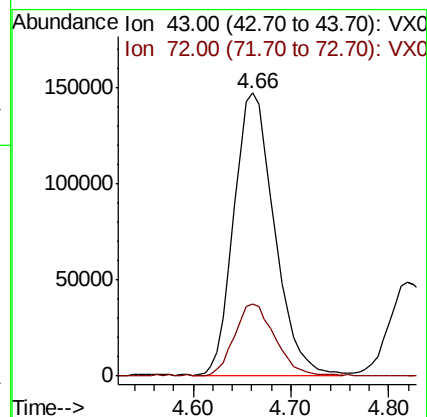
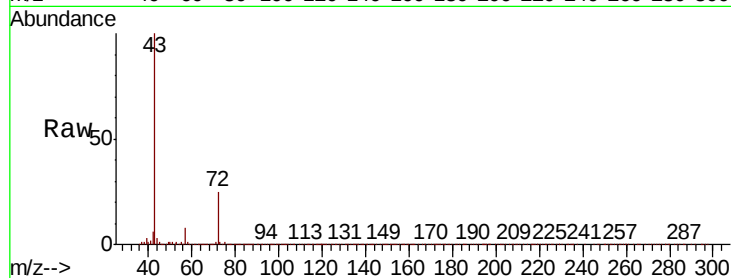
72 25.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 16.406 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013959.D

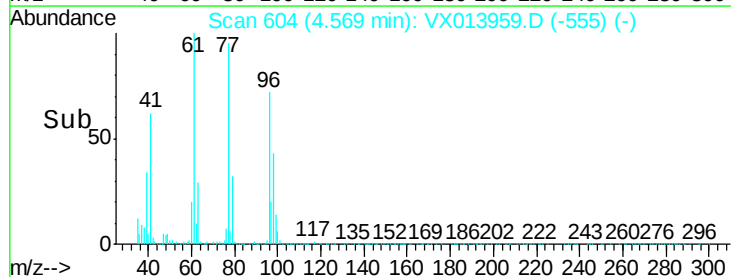
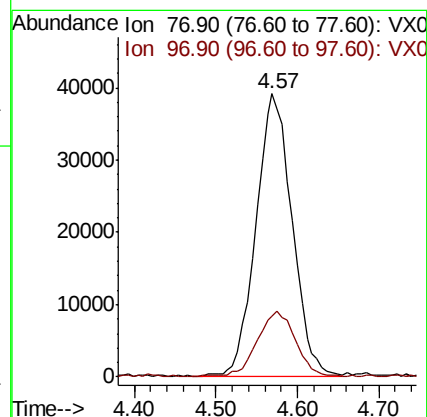
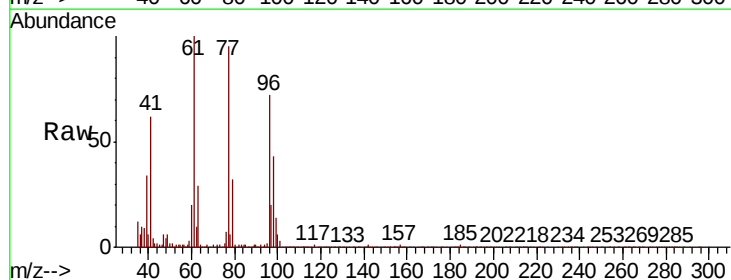
Acq: 11 Dec 2019 22:34

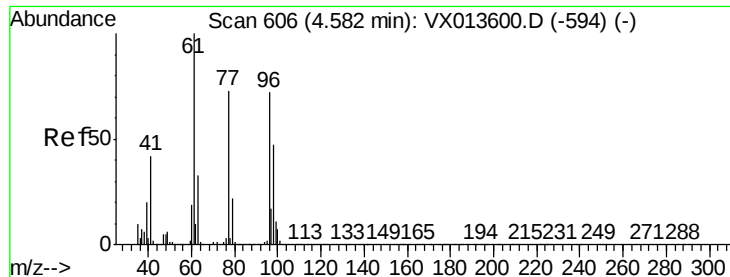
Tgt Ion: 77 Resp: 120199

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1





#27

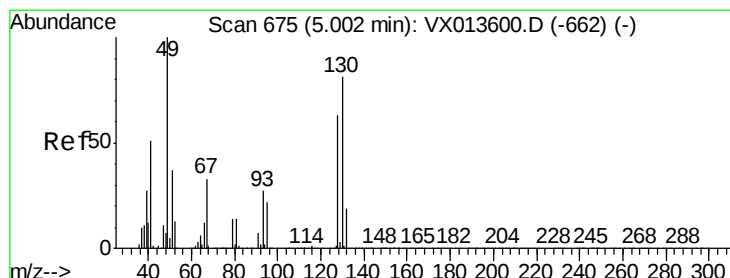
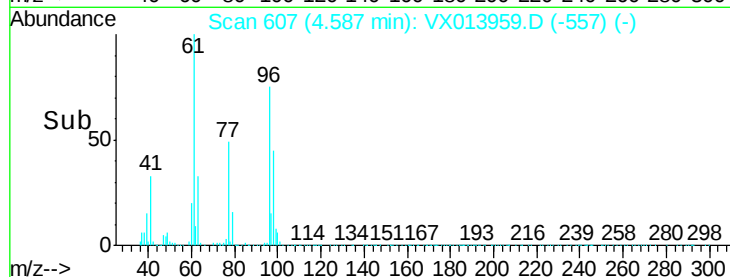
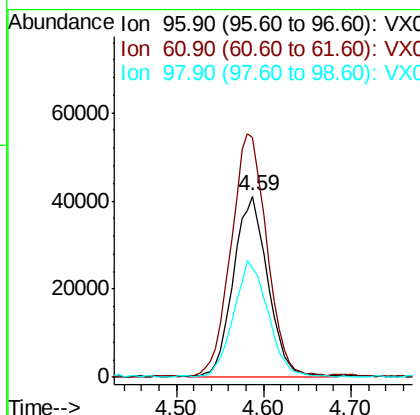
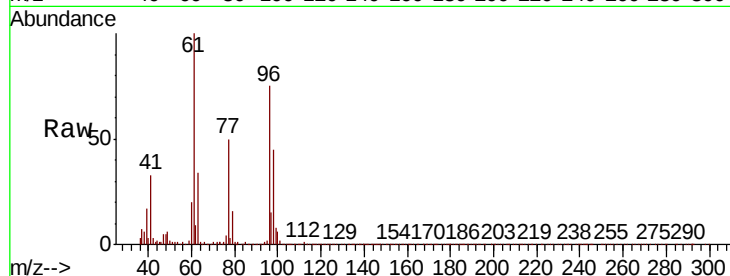
cis-1,2-Dichloroethene
Concen: 19.527 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	113243		
61	137.8	0.0	286.4	
98	64.8	0.0	127.4	

Manual Integrations
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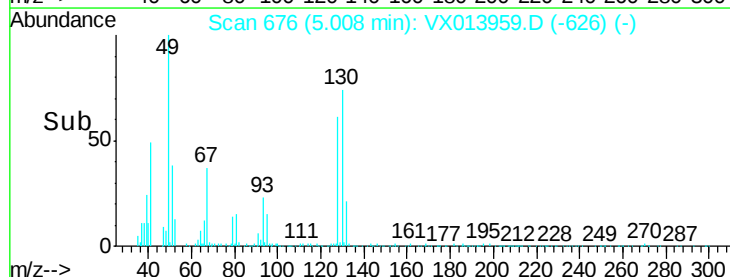
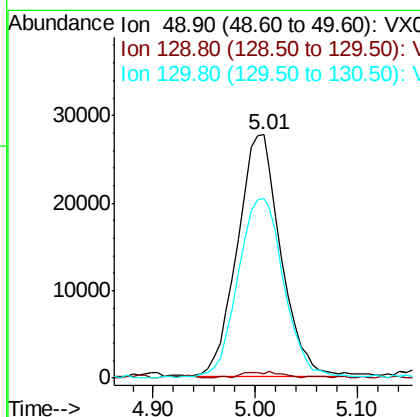
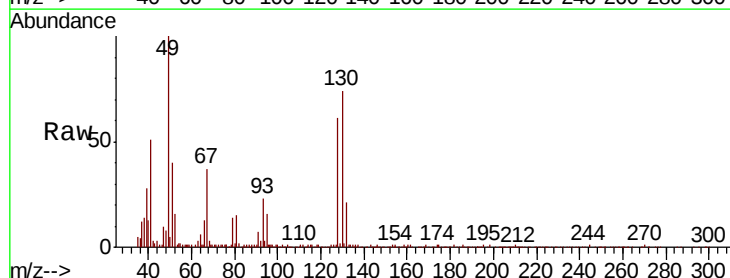
apatel
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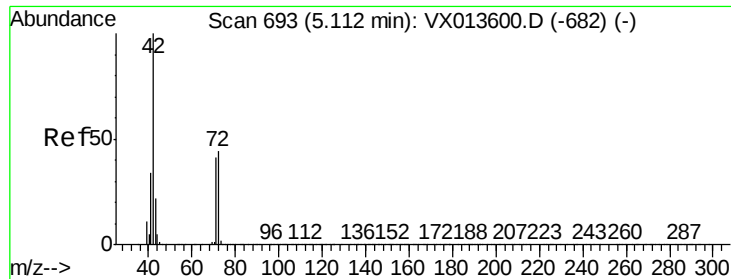


#28

Bromochloromethane
Concen: 23.297 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81546		
129	2.5	0.0	5.0	
130	77.8	65.4	98.0	





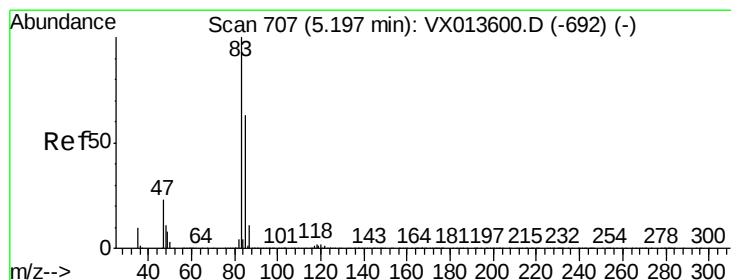
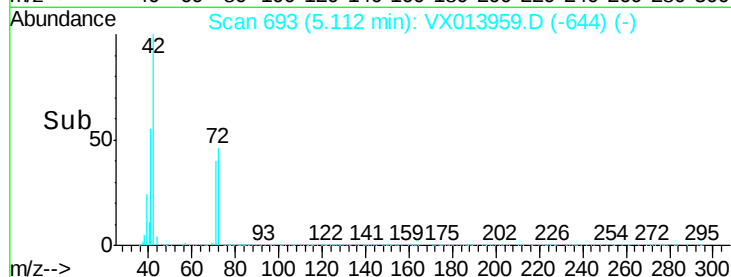
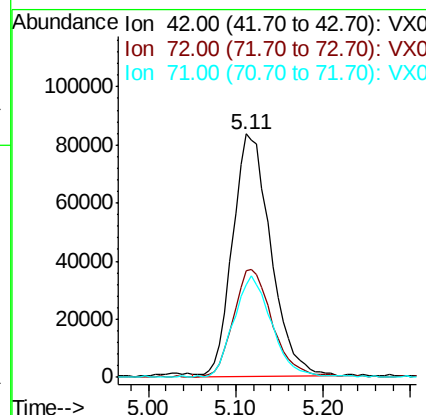
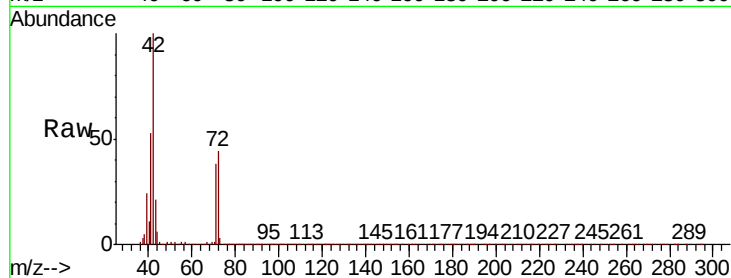
#29
Tetrahydrofuran
Concen: 98.707 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.3	54.5
71	40.9	33.2	49.8

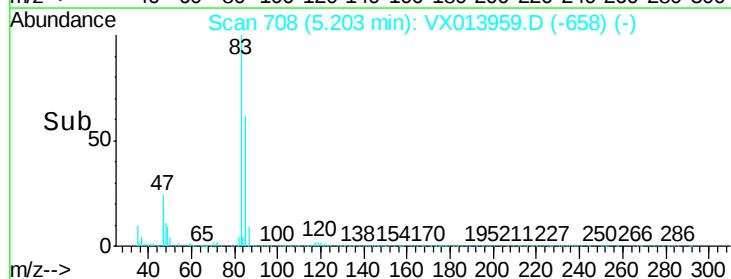
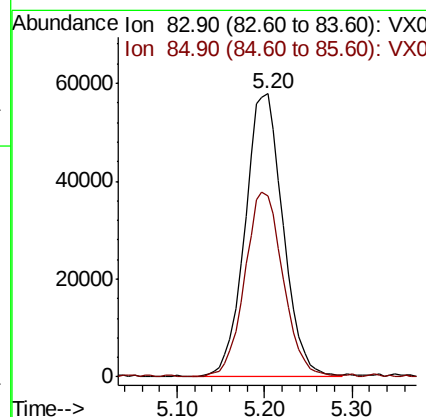
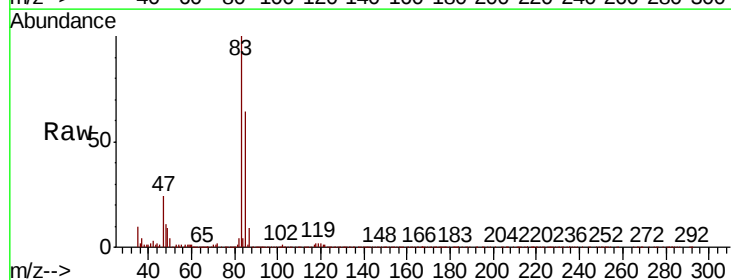
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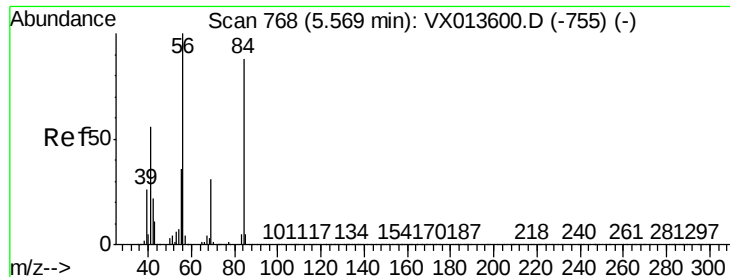
apatel
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#30
Chloroform
Concen: 19.378 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.2	75.4





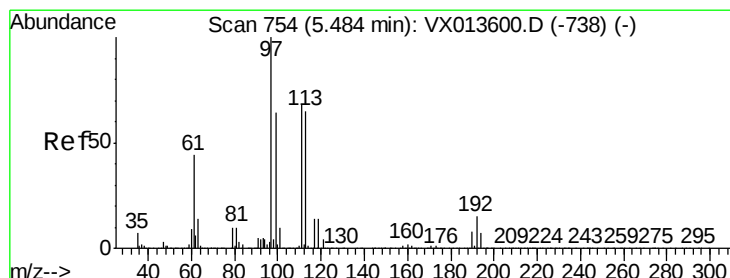
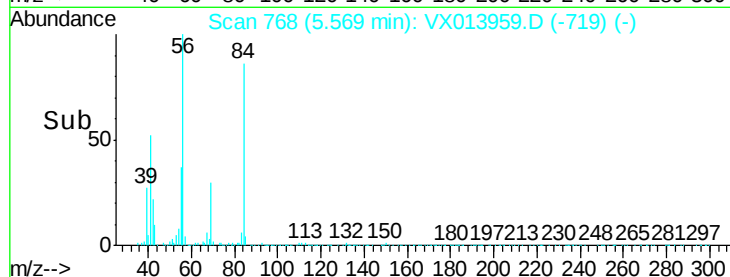
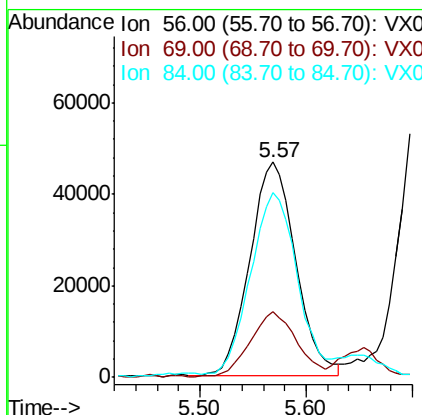
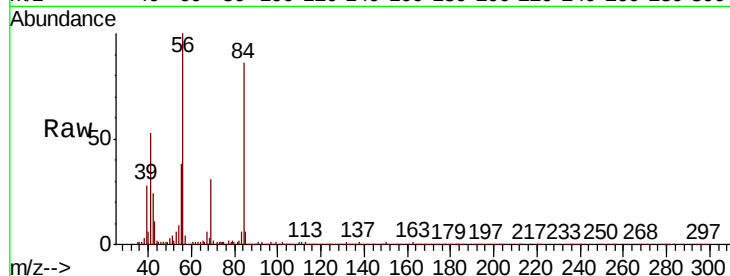
#31
Cyclohexane
Concen: 16.953 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.6	36.8
84	84.5	70.0	105.0

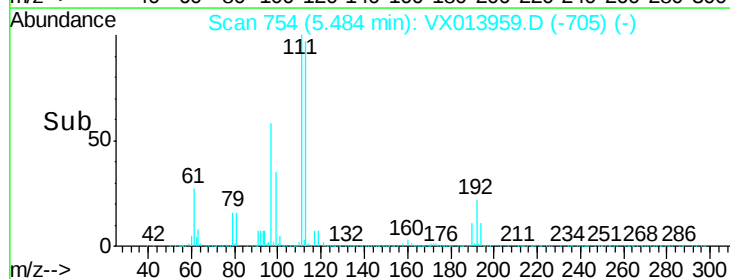
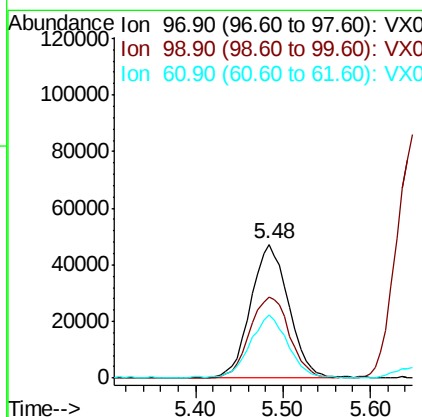
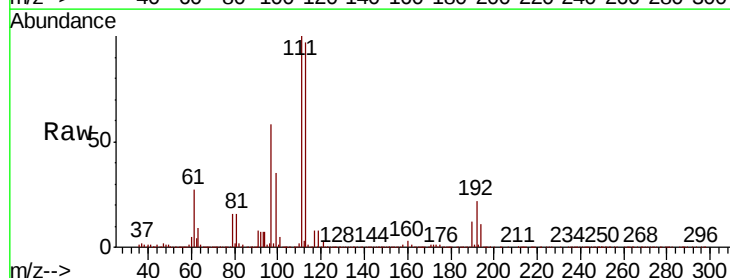
Manual Integrations
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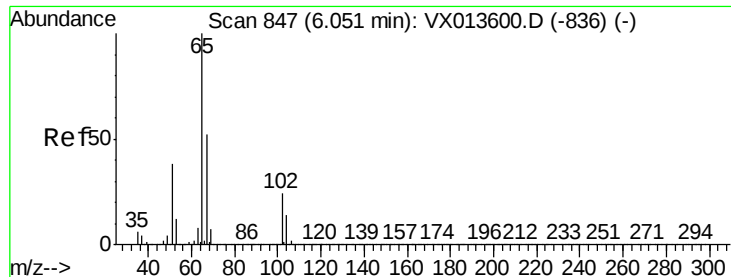
apatel
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#32
1,1,1-Trichloroethane
Concen: 18.840 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	45.7	36.1	54.1





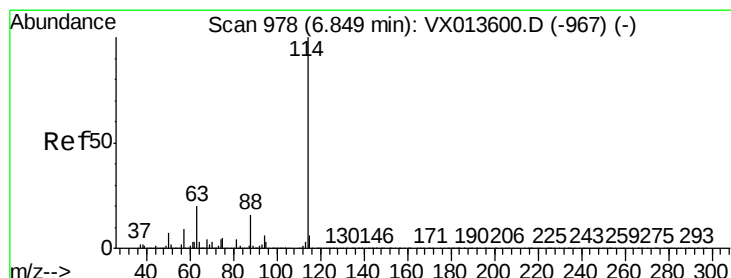
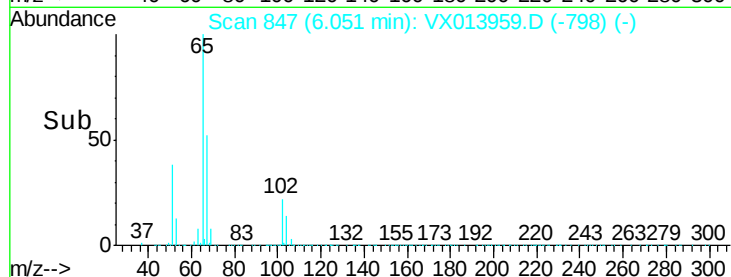
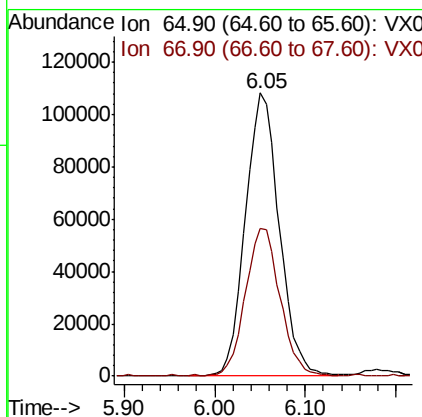
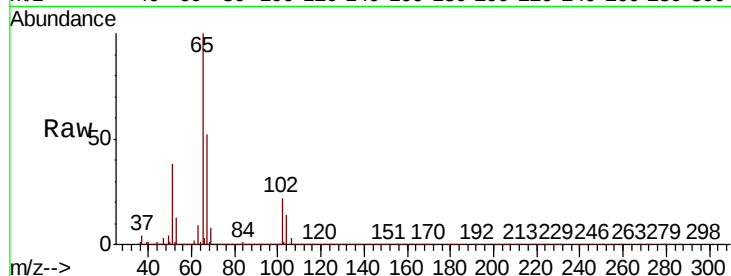
#33
 1,2-Dichloroethane-d4
 Concen: 49.202 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	278192		
67	53.2	0.0	104.4	

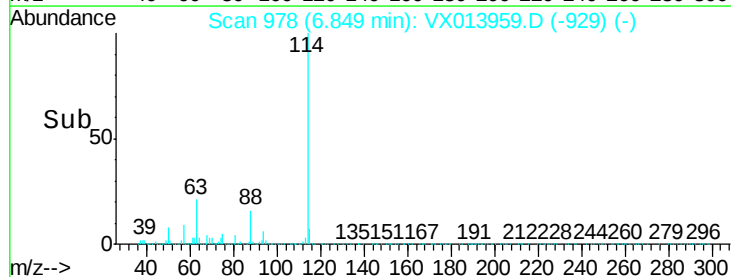
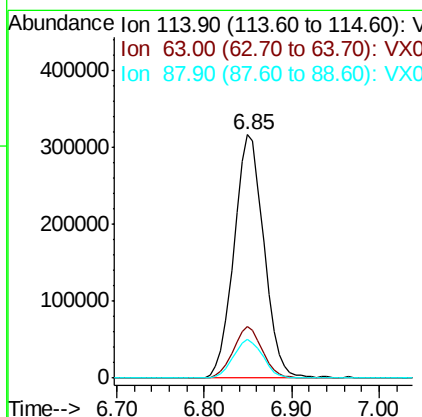
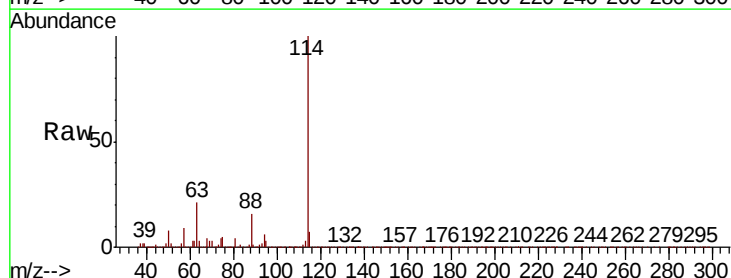
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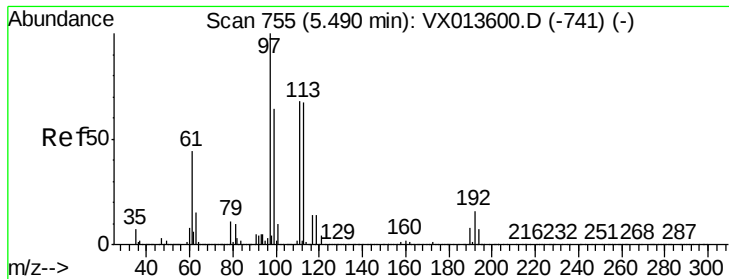
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	754555		
63	20.9	0.0	39.6	
88	16.1	0.0	31.4	





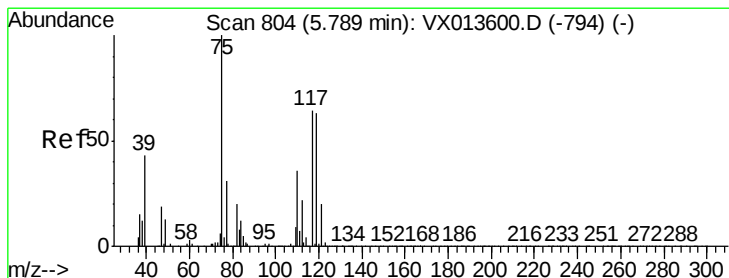
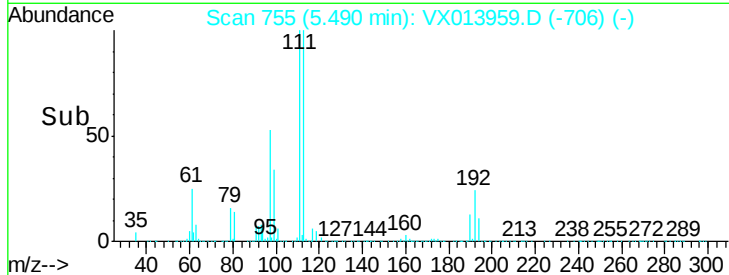
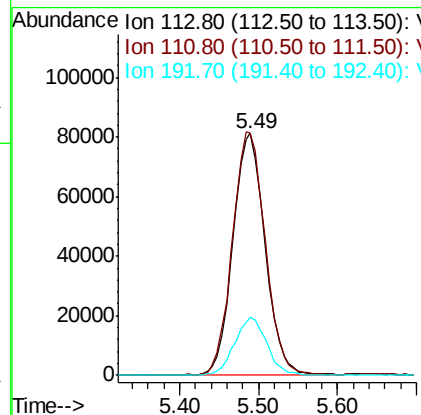
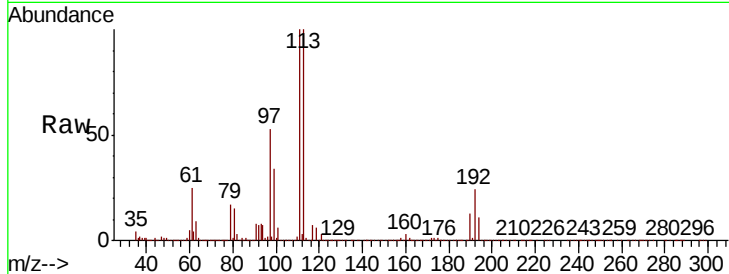
#35
 Dibromofluoromethane
 Concen: 49.276 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	229860		
111	102.7	83.6	125.4	
192	23.6	19.2	28.8	

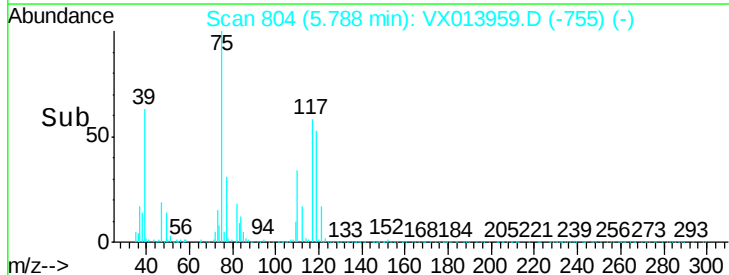
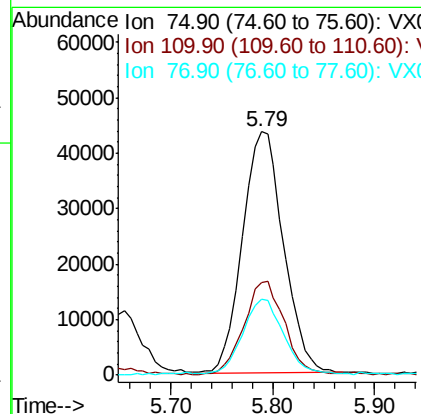
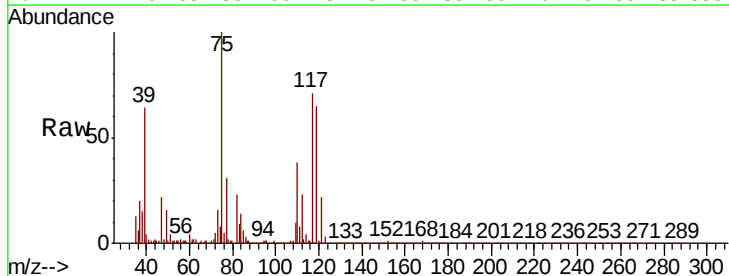
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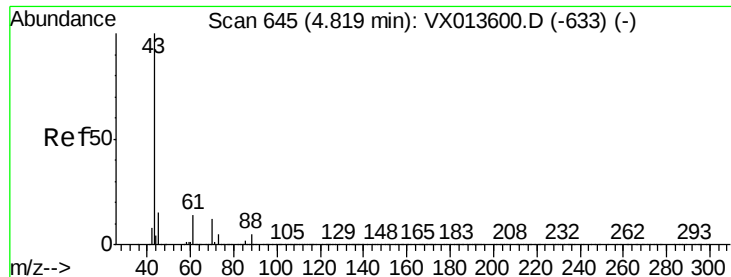
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#36
 1,1-Dichloropropene
 Concen: 17.728 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	121425		
110	37.7	18.1	54.1	
77	31.2	24.5	36.7	





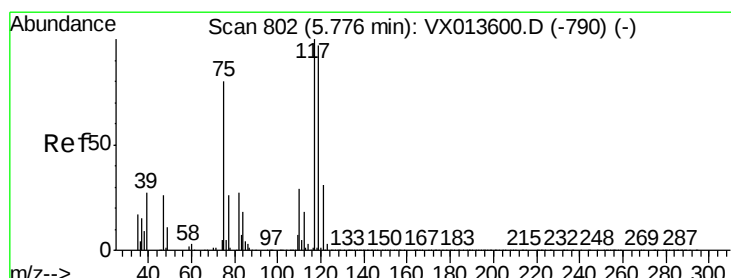
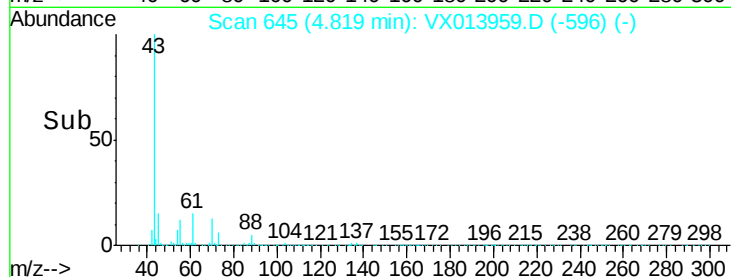
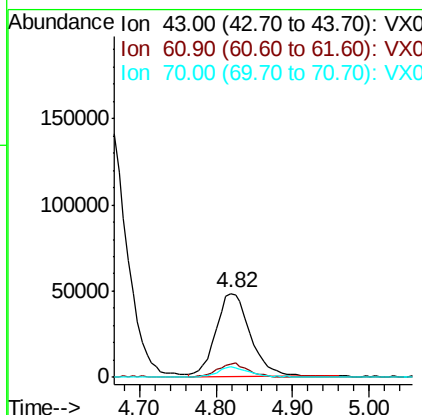
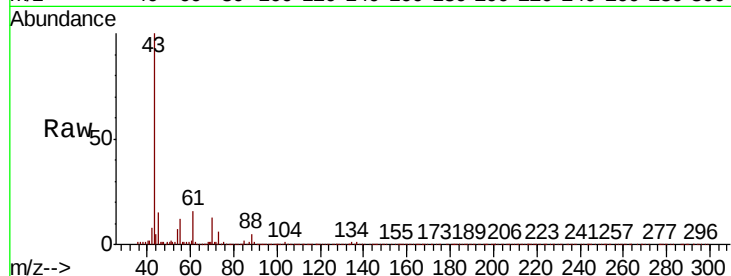
#37
Ethyl Acetate
Concen: 19.323 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion:	43	Resp:	148477
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.4
70	11.0	8.6	12.8

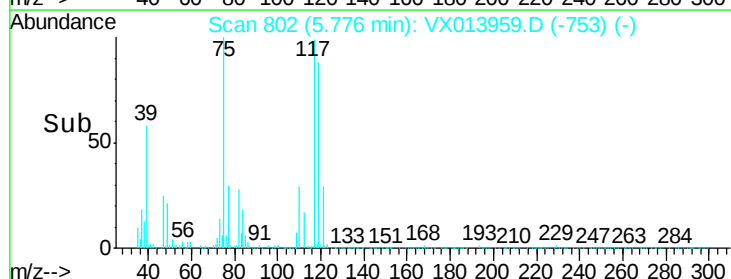
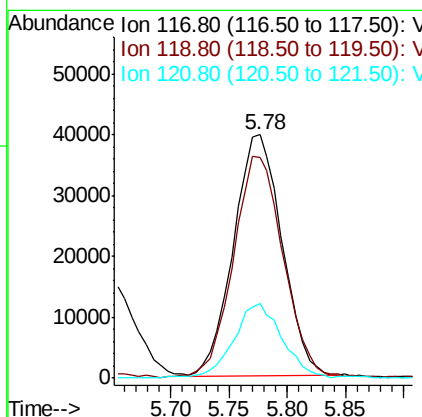
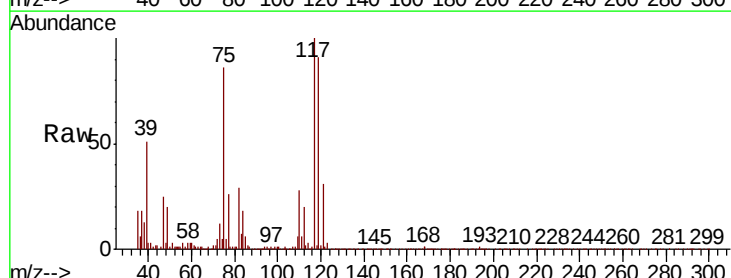
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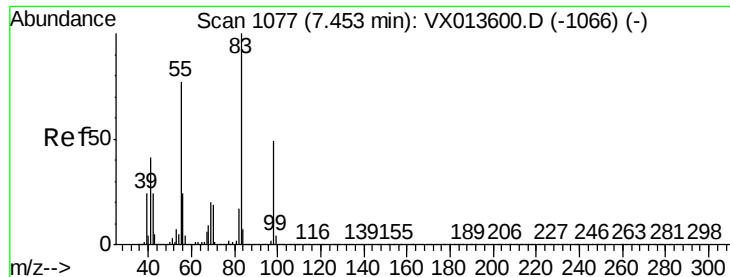
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#38
Carbon Tetrachloride
Concen: 18.156 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion:	117	Resp:	114671
Ion	Ratio	Lower	Upper
117	100		
119	90.6	77.5	116.3
121	30.6	25.0	37.6





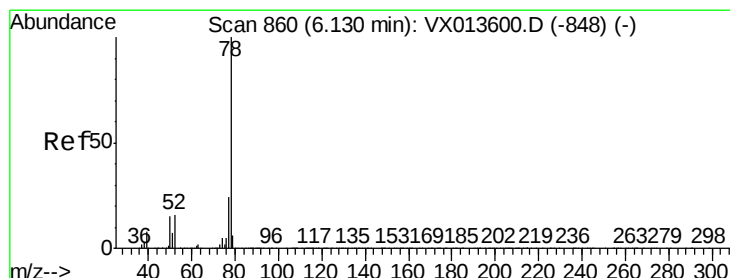
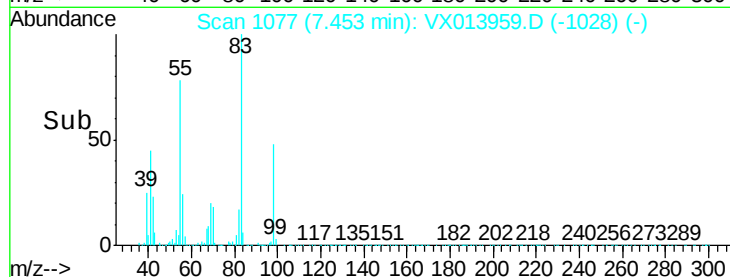
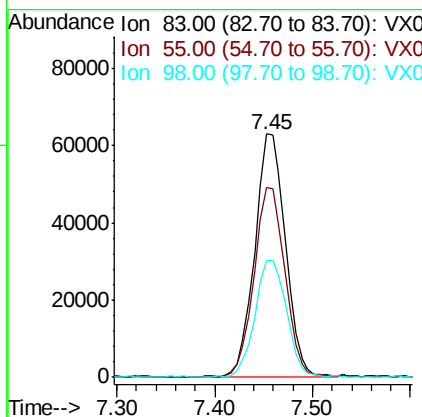
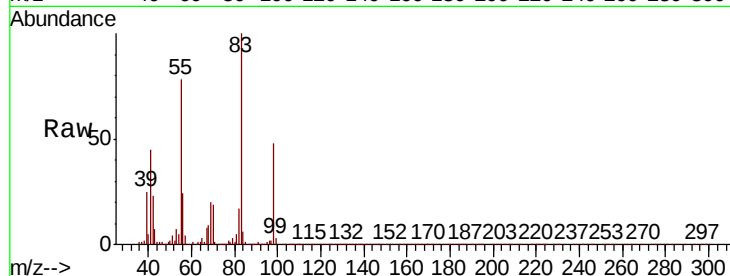
#39
Methvlcvclohexane
Concen: 16.082 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.9	92.9
98	48.0	39.4	59.0

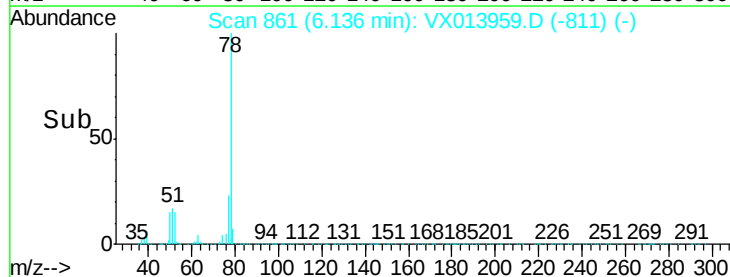
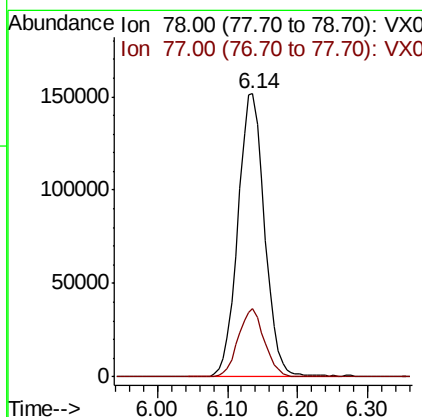
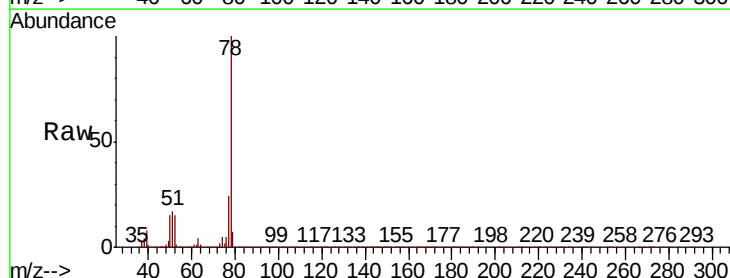
Manual Integrations
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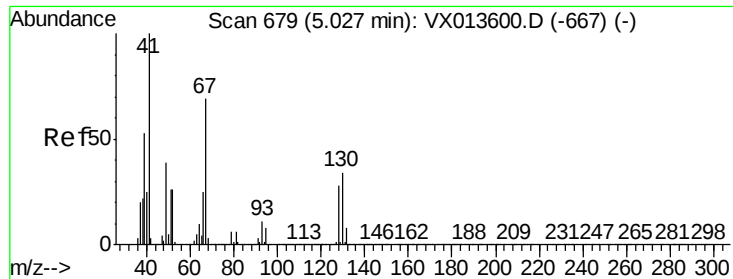
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#40
Benzene
Concen: 19.322 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





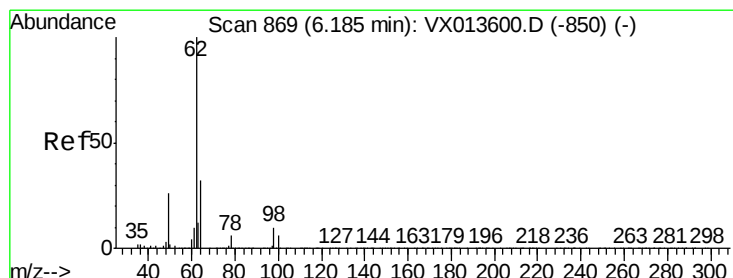
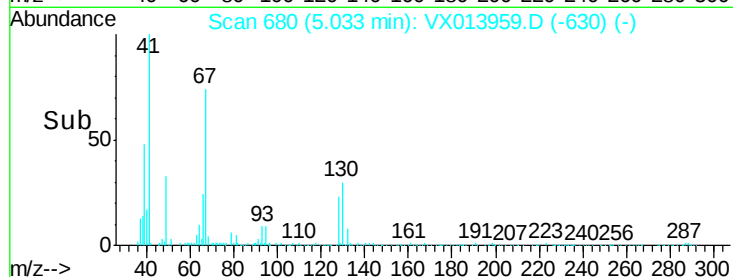
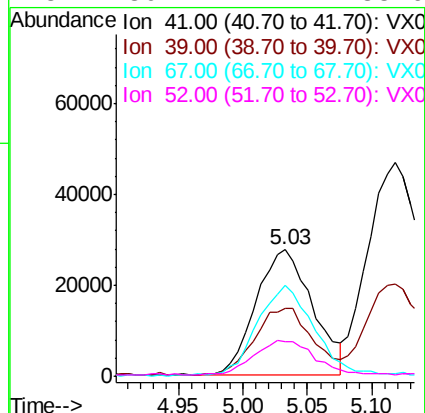
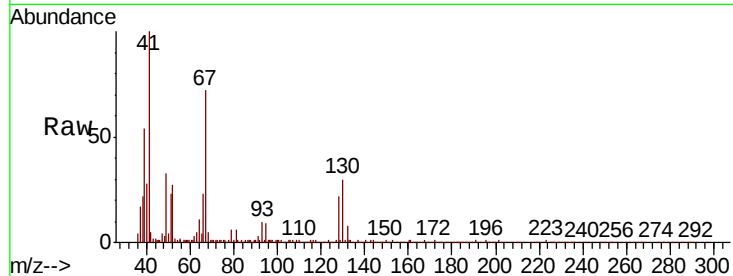
#41
Methacrylonitrile
Concen: 20.177 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion:	41	Resp:	85028
Ion Ratio	Lower	Upper	
41	100		
39	53.7	42.9	64.3
67	70.7	57.4	86.0
52	30.4	22.4	33.6

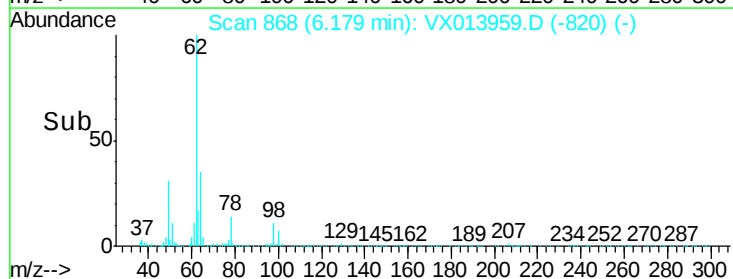
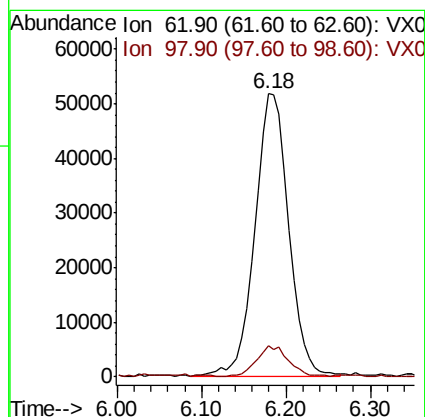
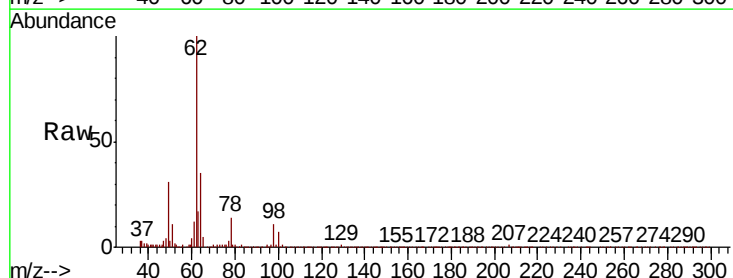
Manual Integrations
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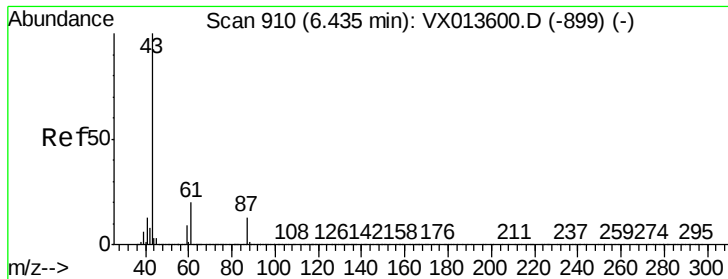
apatel
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#42
1,2-Dichloroethane
Concen: 19.801 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion:	62	Resp:	140875
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	20.8





#43

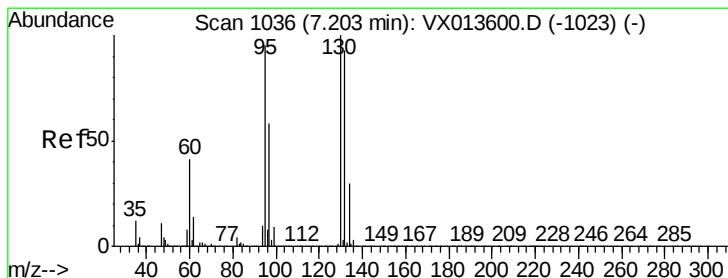
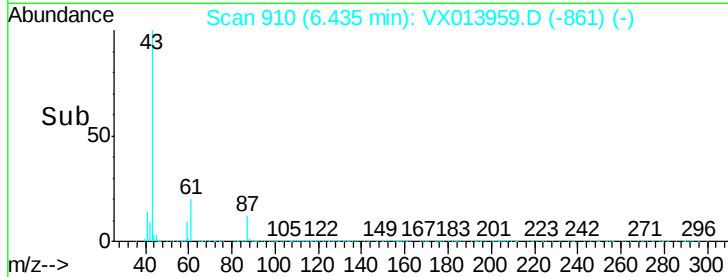
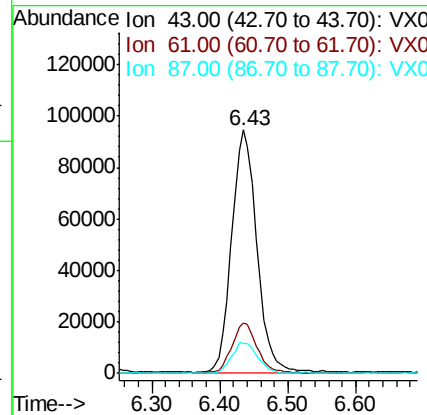
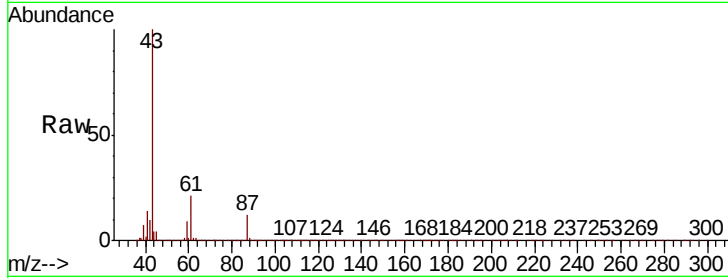
Isopropyl Acetate
 Concen: 19.180 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.3	24.5
87	13.3	10.8	16.2

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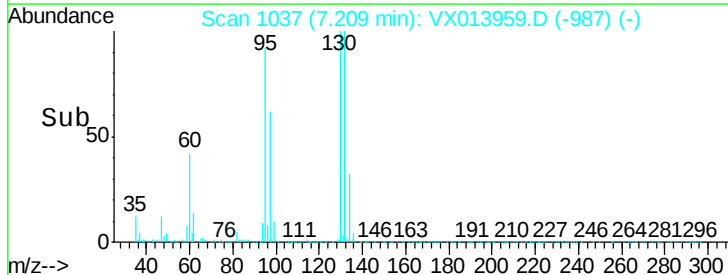
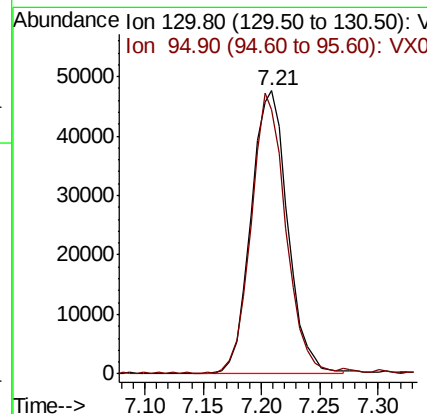
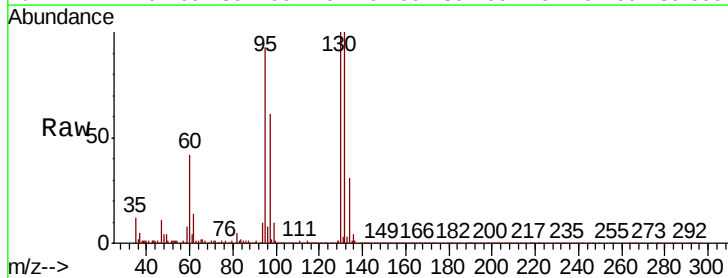
apatel
 12/12/2019 9:26:49 AM



#44

Trichloroethene
 Concen: 18.186 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.549 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 63 Resp: 107254

Ion Ratio Lower Upper

63 100

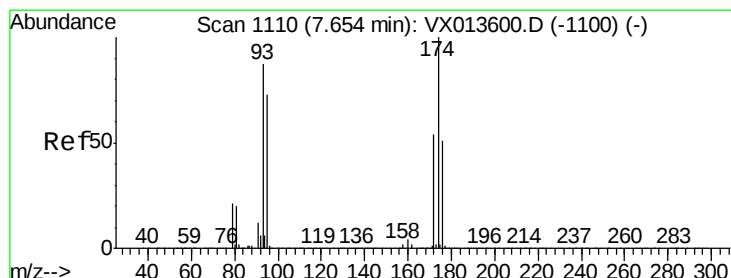
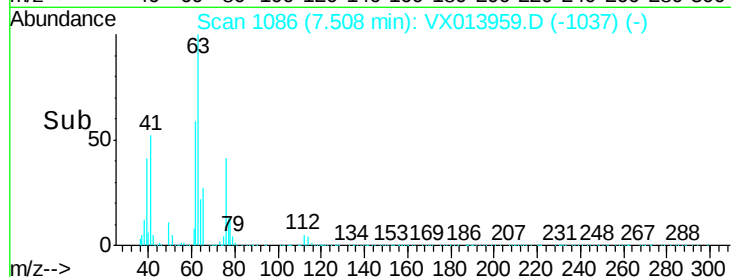
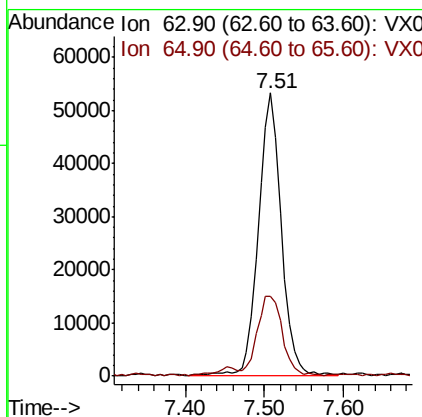
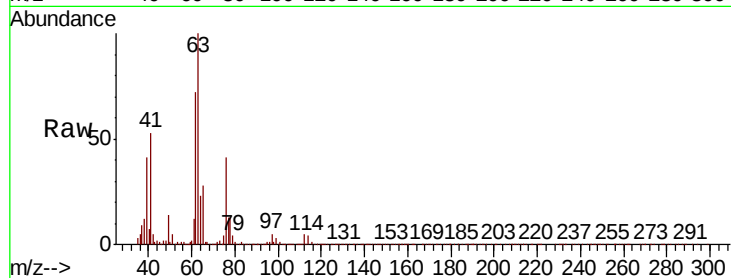
65 28.1 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 19.129 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

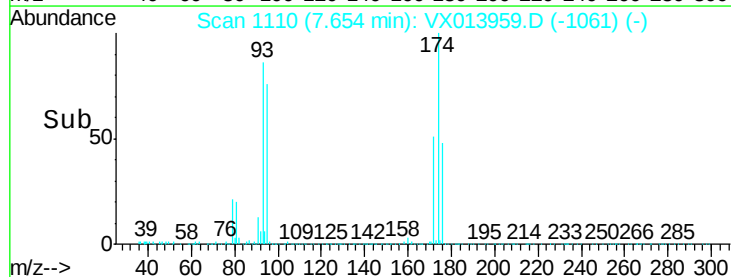
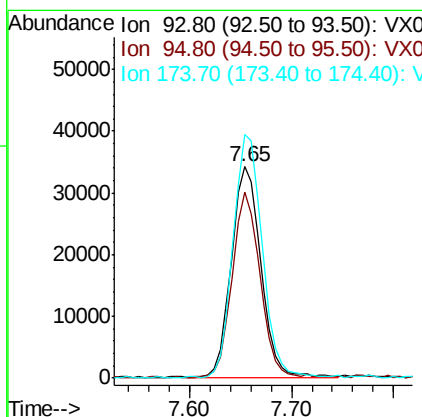
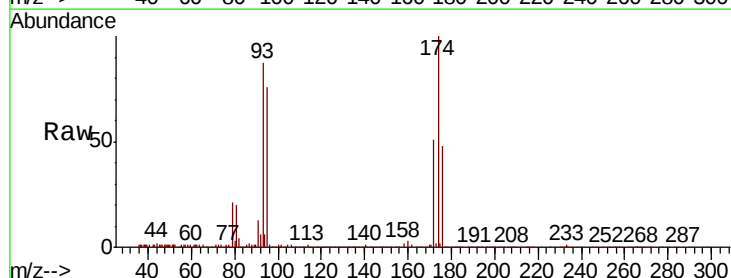
Tgt Ion: 93 Resp: 67810

Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.2

174 114.6 93.4 140.0





#47

Bromodichloromethane

Concen: 18.814 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

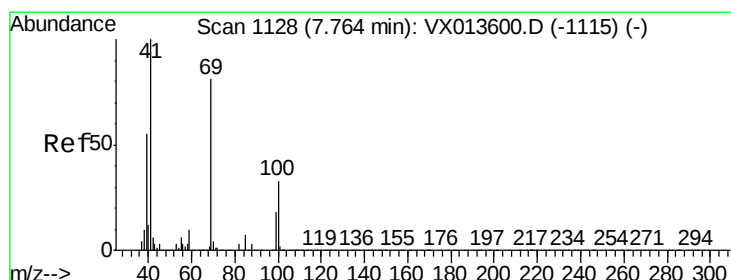
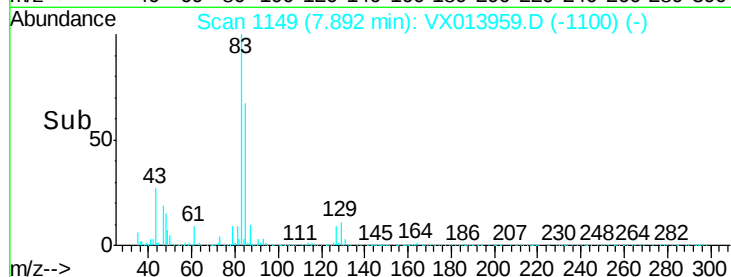
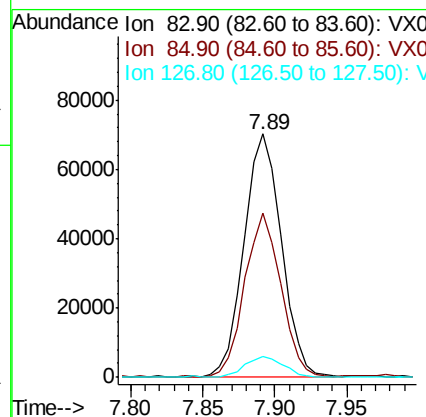
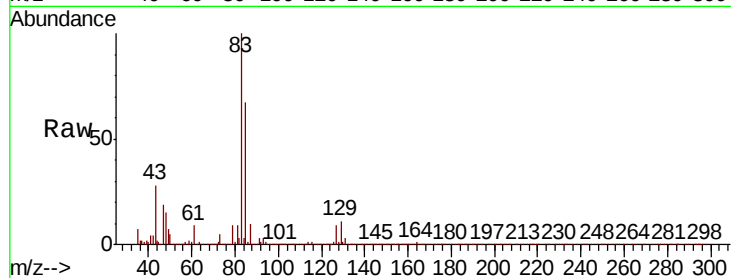
ClientSampleId :

VX1211WBS02

Tot Ion:	83	Resp:	126079
Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.1	78.1
127	8.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.371 ug/l

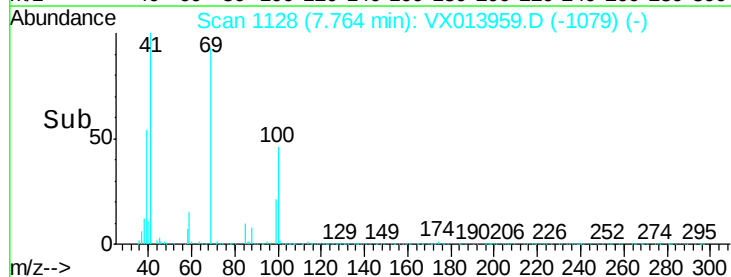
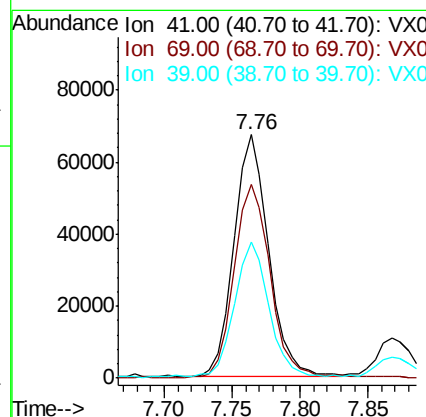
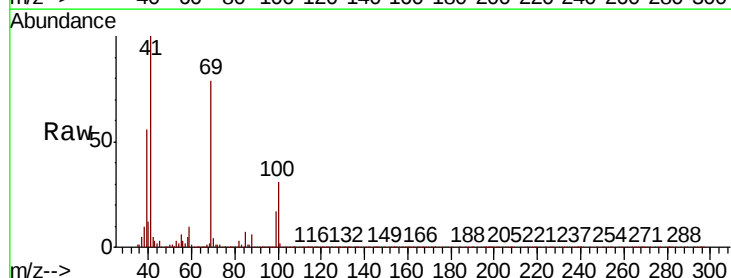
RT: 7.76 min Scan# 1128

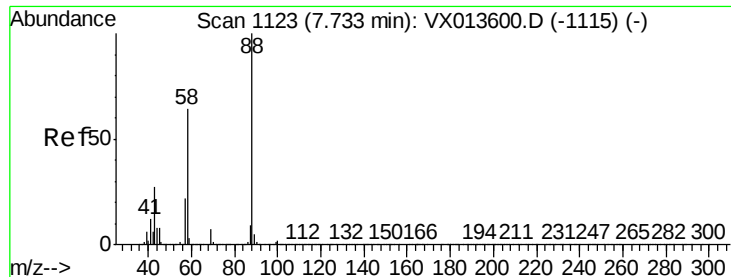
Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion:	41	Resp:	119063
Ion	Ratio	Lower	Upper
41	100		
69	83.7	64.7	97.1
39	55.5	43.8	65.6





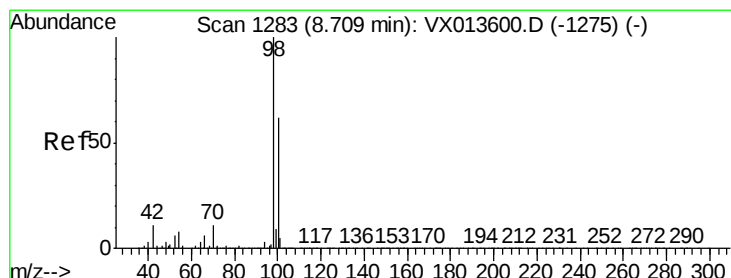
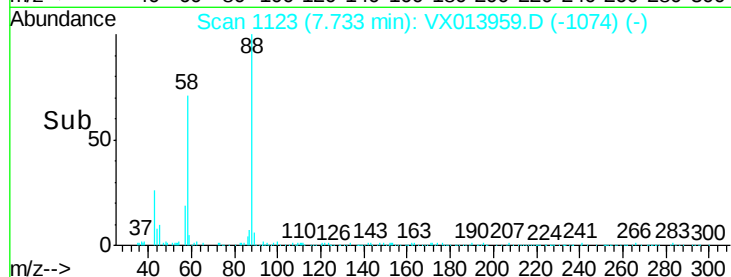
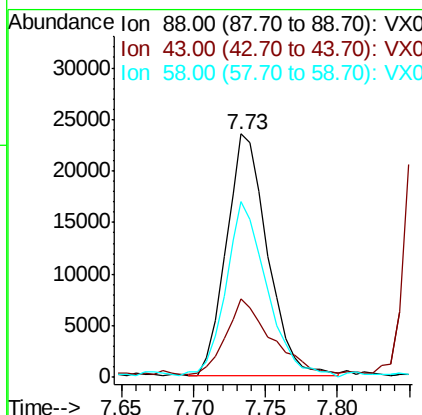
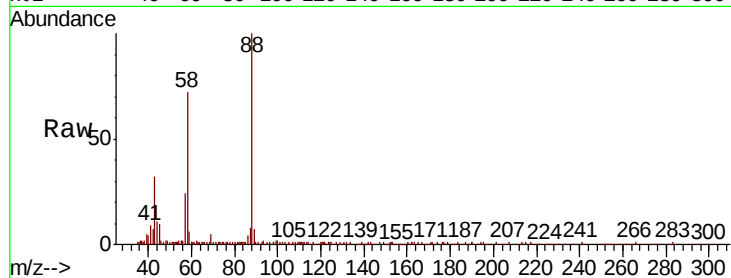
#49
1,4-Dioxane
Concen: 341.038 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.8	38.6
58	72.7	54.6	82.0

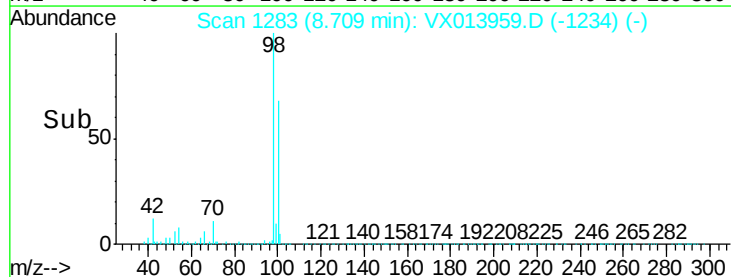
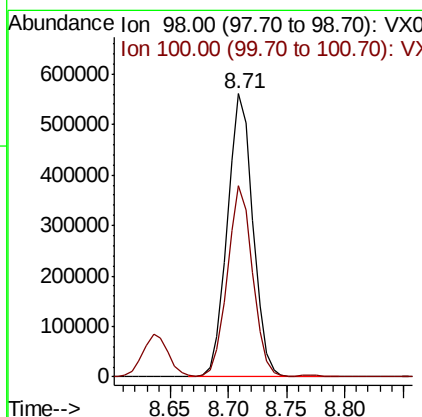
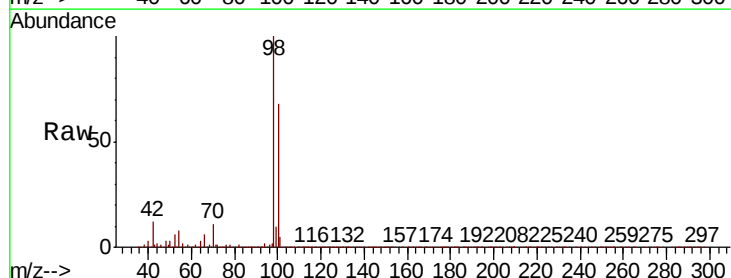
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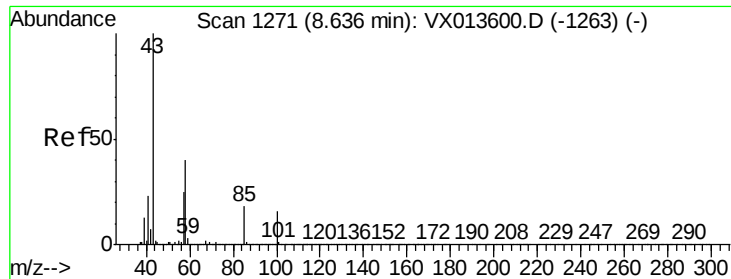
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#50
Toluene-d8
Concen: 47.160 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





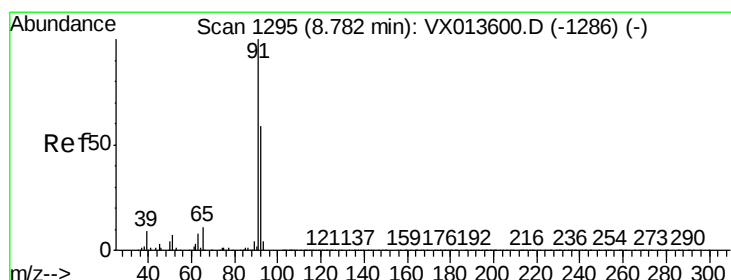
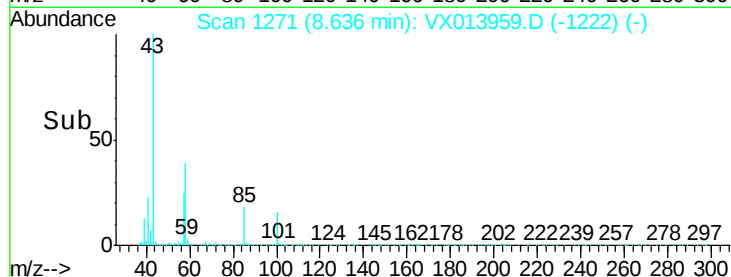
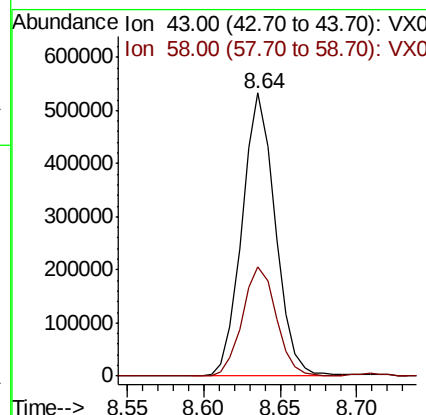
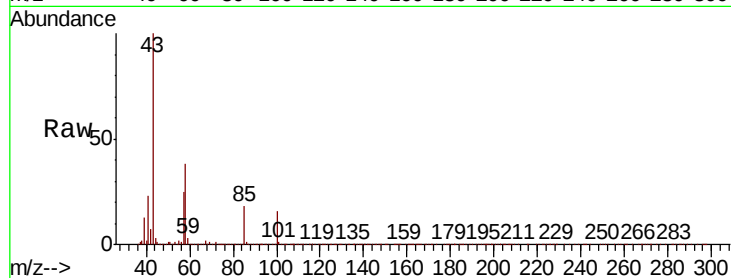
#51
4-Methyl-2-Pentanone
Concen: 100.903 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.1	48.1

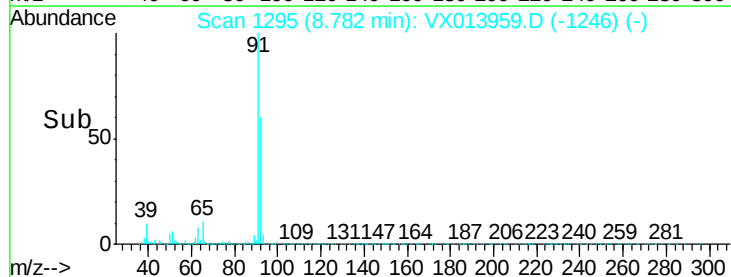
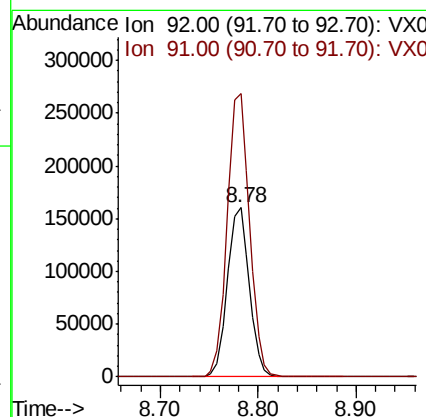
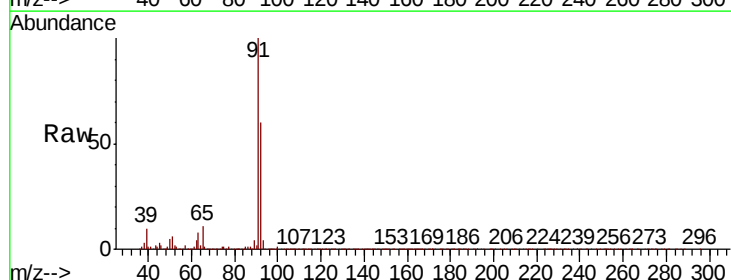
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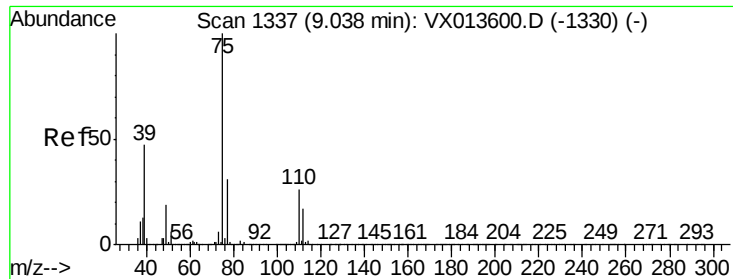
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#52
Toluene
Concen: 19.365 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.6	136.2	204.2





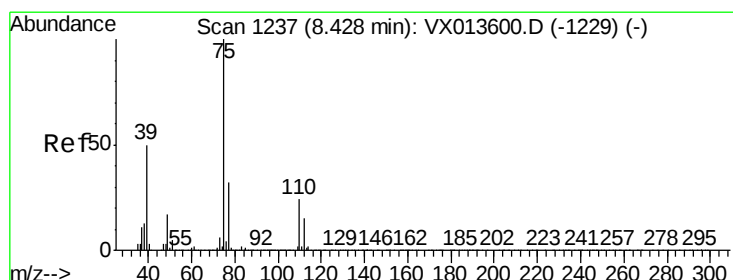
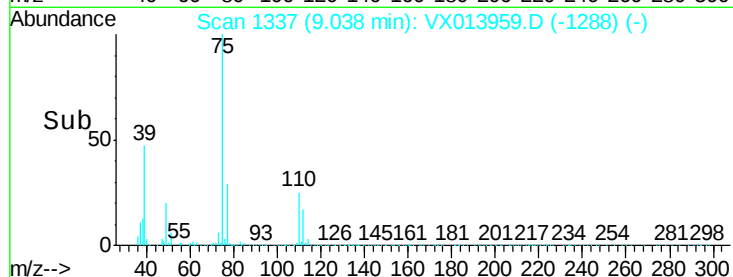
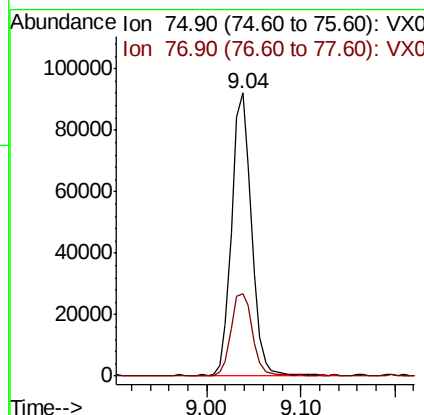
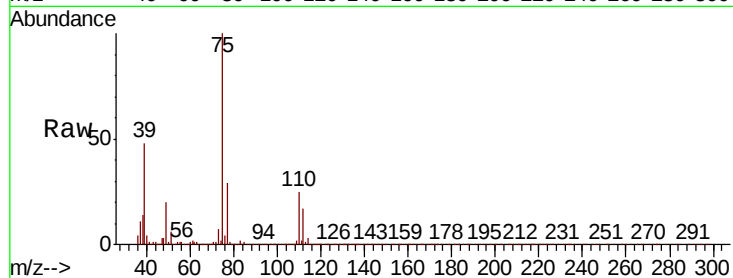
#53
t-1,3-Dichloropropene
Concen: 17.861 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.1	24.4	36.6

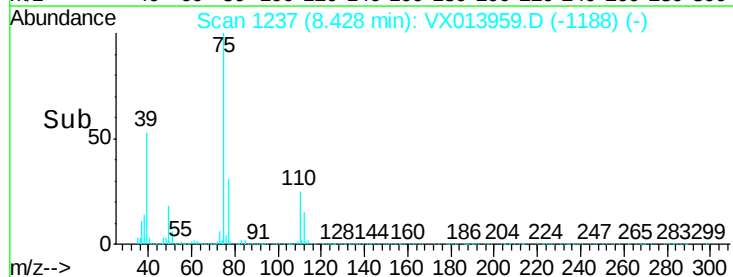
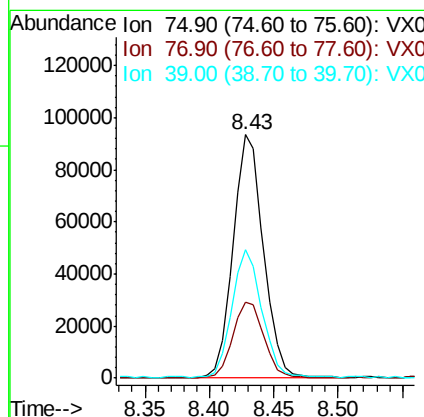
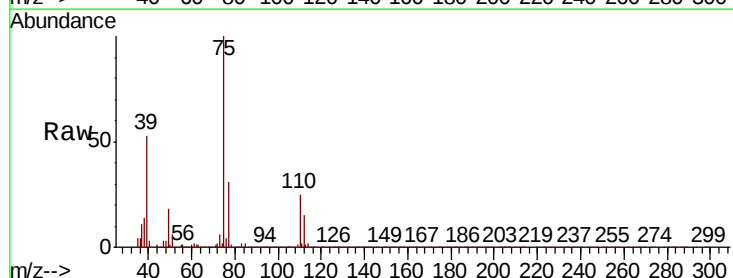
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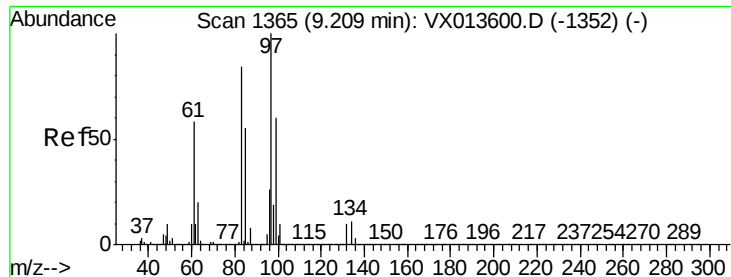
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#54
cis-1,3-Dichloropropene
Concen: 18.364 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.6
39	52.7	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 20.501 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

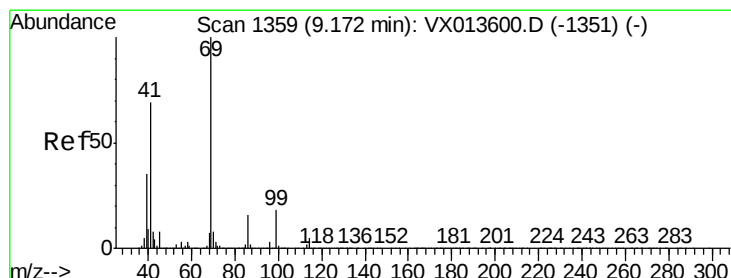
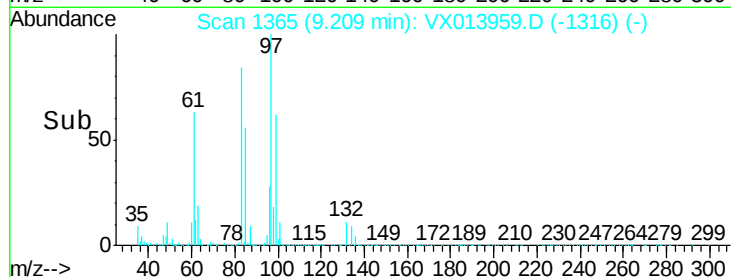
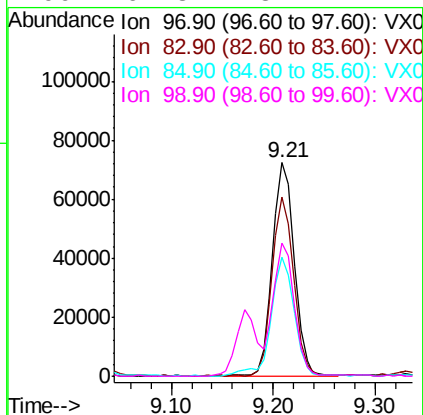
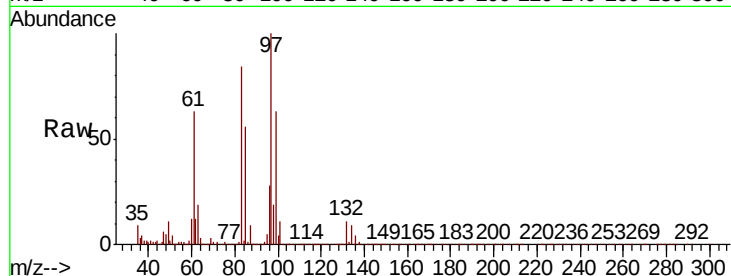
ClientSampleId :

VX1211WBS02

Tot Ion:	97	Resp:	107069
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.3	100.9
85	56.0	43.6	65.4
99	62.3	48.2	72.4

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#56

Ethyl methacrylate

Concen: 19.563 ug/l

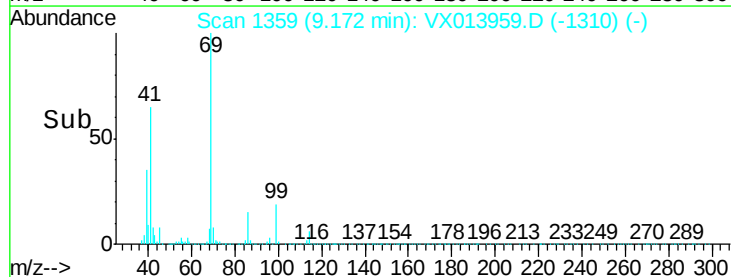
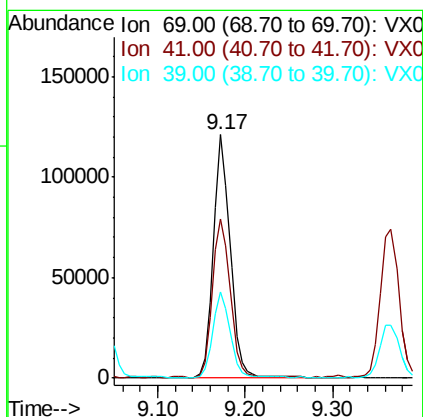
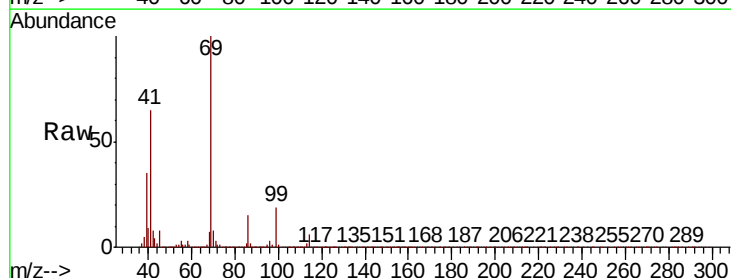
RT: 9.17 min Scan# 1359

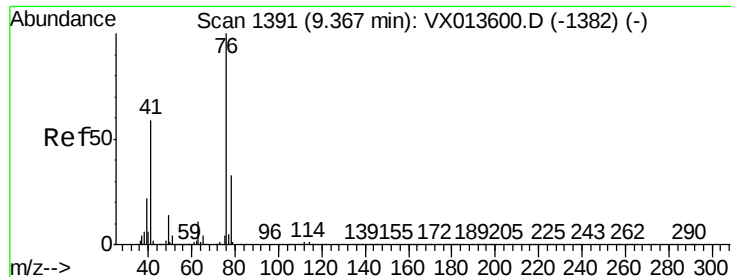
Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion:	69	Resp:	164259
Ion	Ratio	Lower	Upper
69	100		
41	67.3	55.0	82.4
39	35.7	28.7	43.1





#57

1,3-Dichloropropane

Concen: 19.757 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 76 Resp: 177856

Ion Ratio Lower Upper

76 100

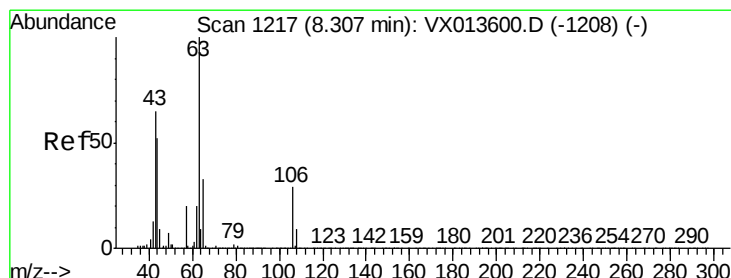
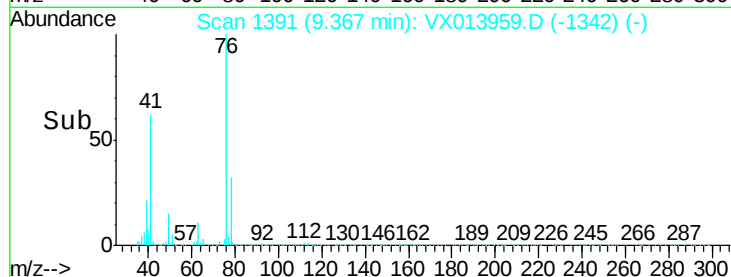
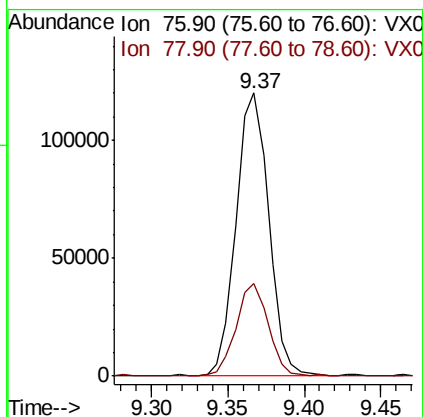
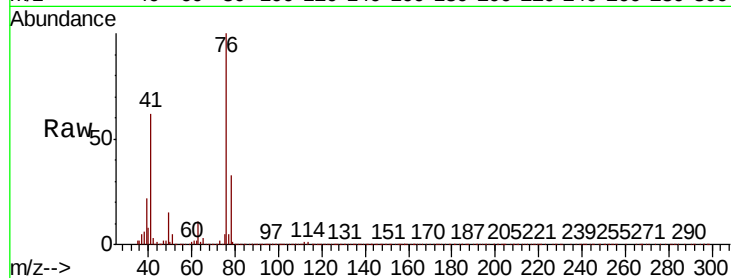
78 32.5 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 92.106 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013959.D

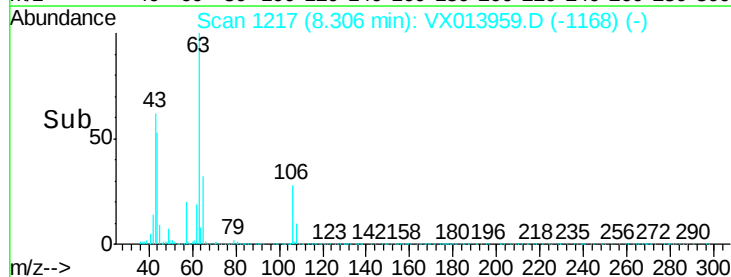
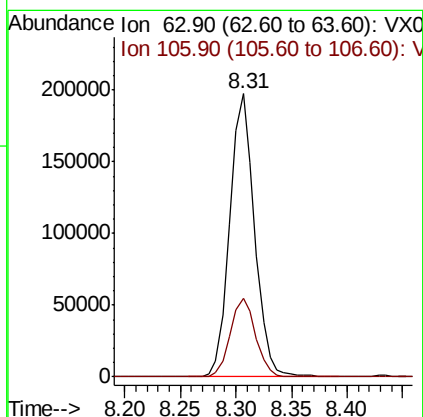
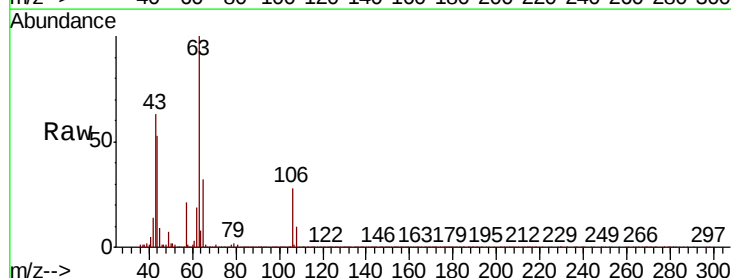
Acq: 11 Dec 2019 22:34

Tgt Ion: 63 Resp: 303220

Ion Ratio Lower Upper

63 100

106 28.3 23.4 35.0





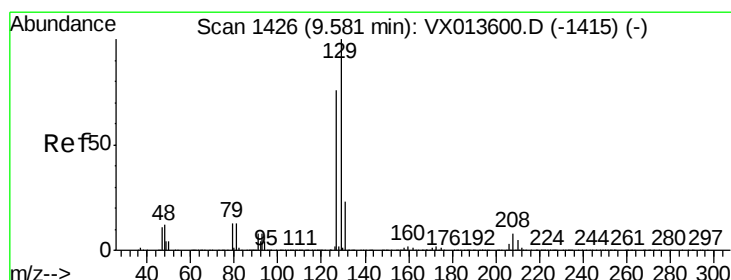
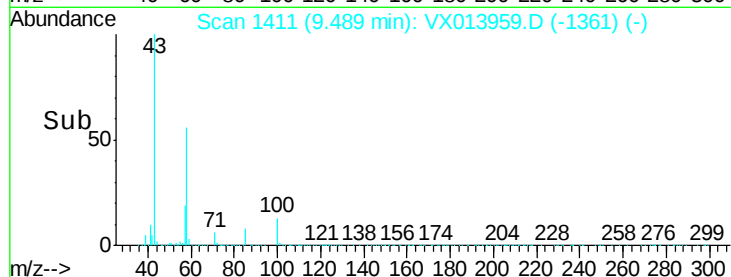
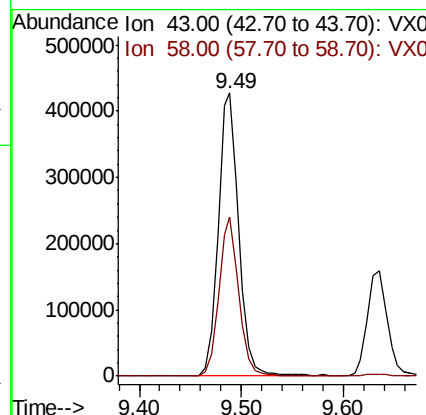
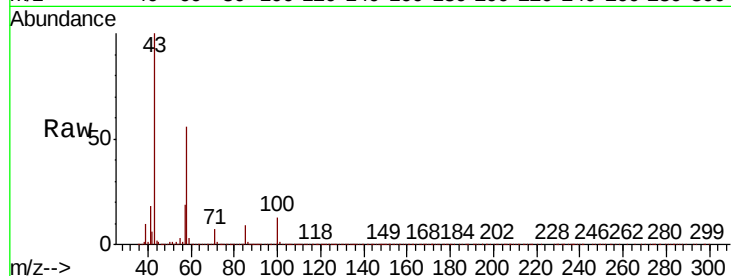
#59
2-Hexanone
Concen: 96.298 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	28.1	84.4

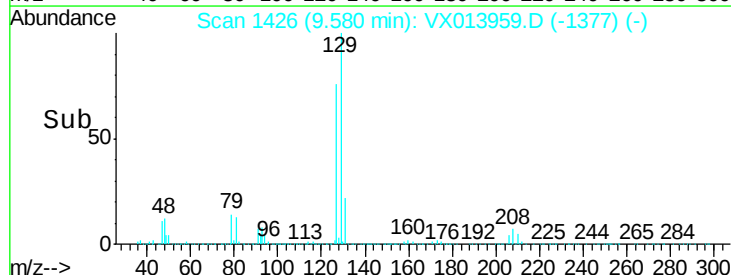
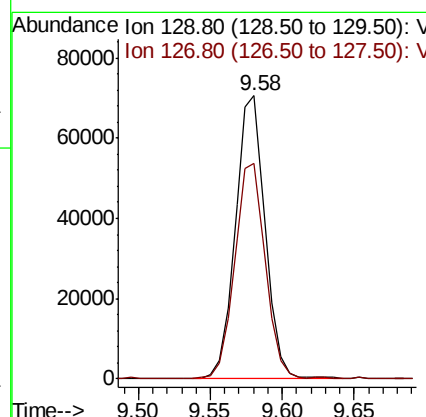
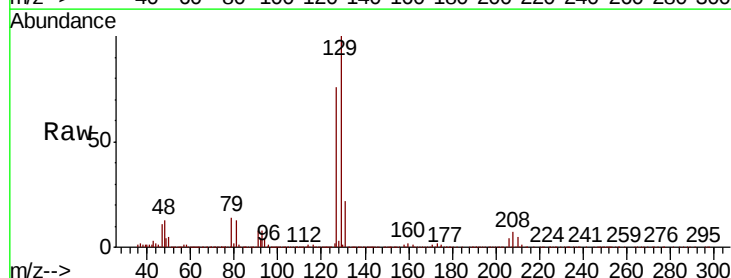
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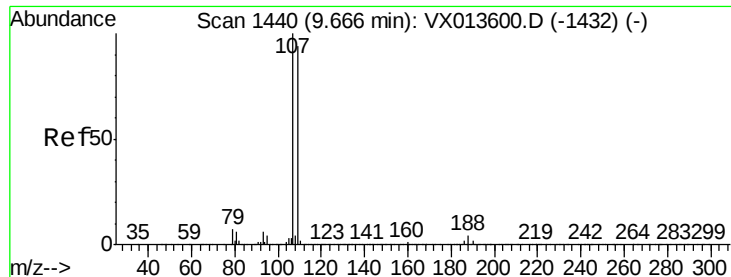
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#60
Dibromochloromethane
Concen: 18.780 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.340 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 107 Resp: 107878

Ion Ratio Lower Upper

107 100

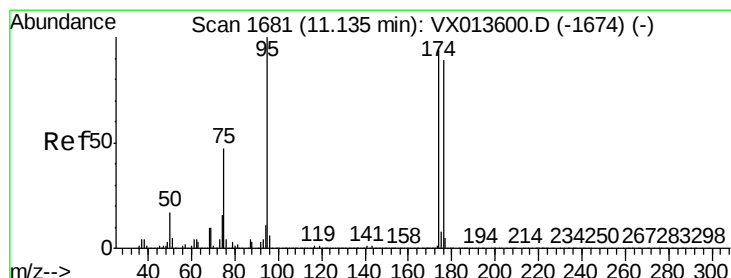
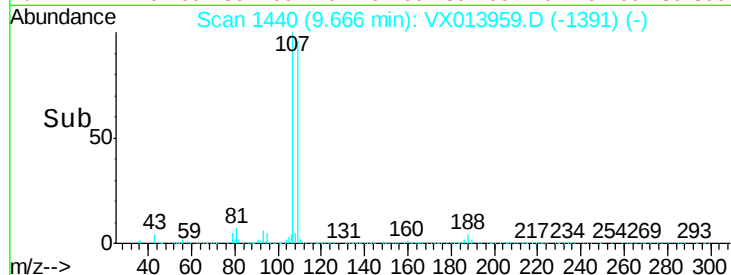
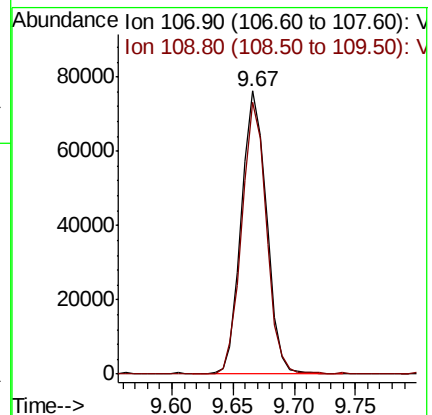
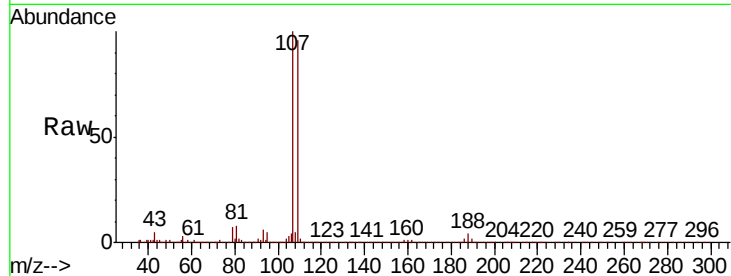
109 94.8 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 47.790 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

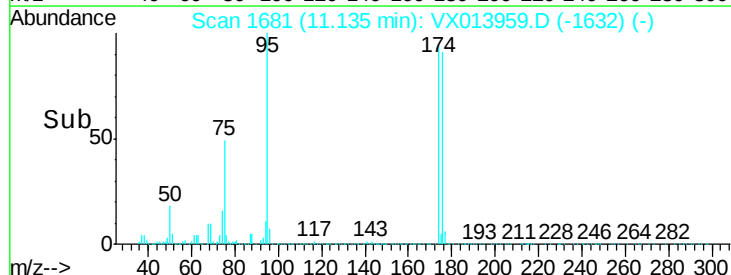
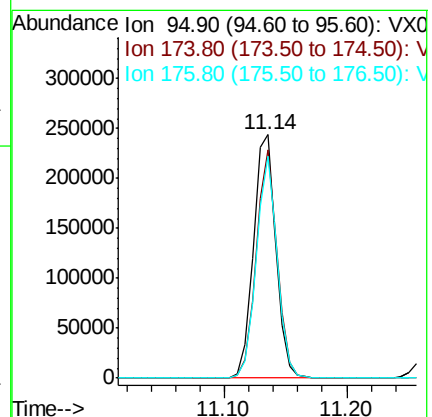
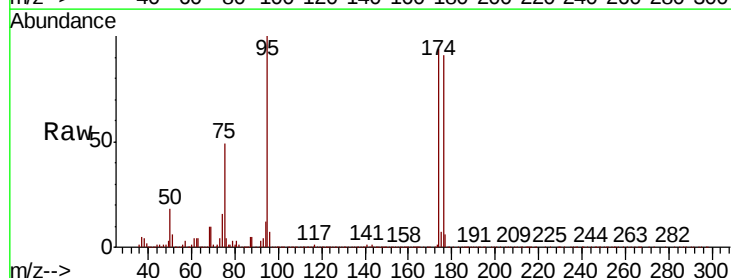
Tgt Ion: 95 Resp: 313206

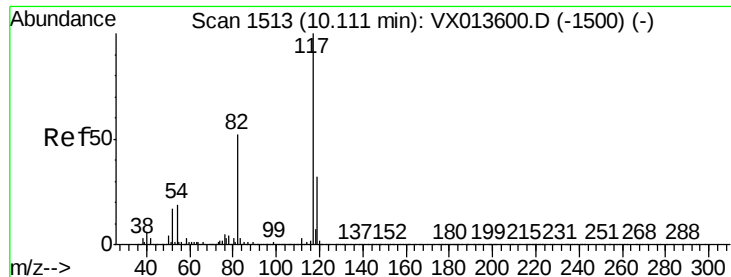
Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.0

176 85.4 0.0 173.6





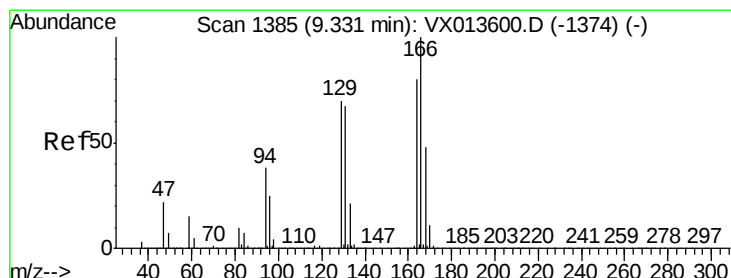
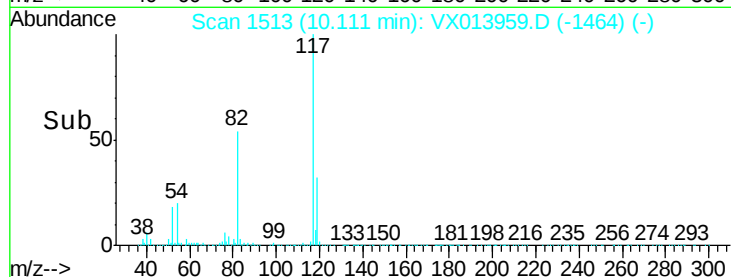
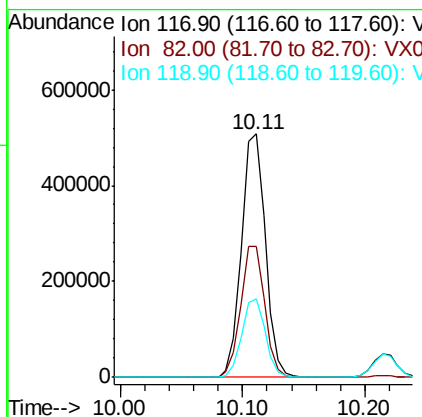
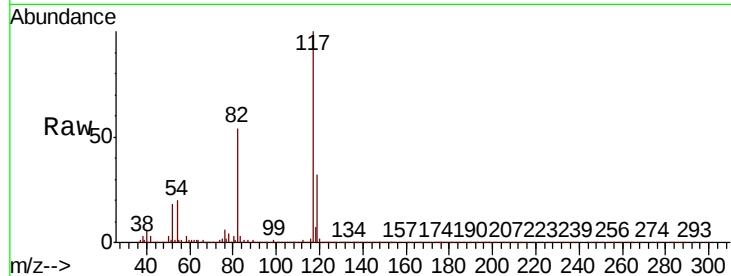
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	687596		
82	53.6	41.8	62.8	
119	32.3	25.8	38.8	

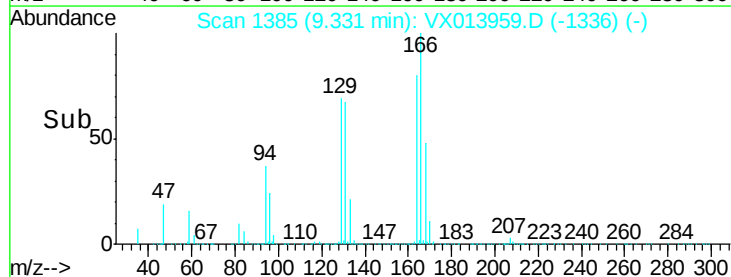
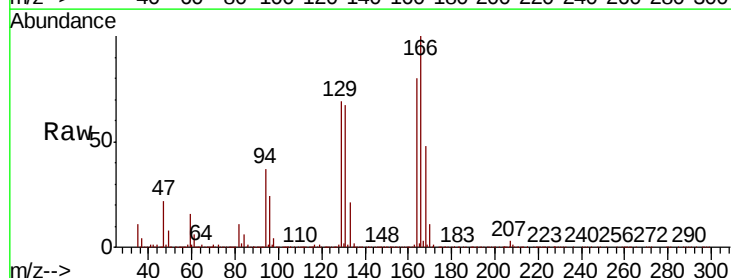
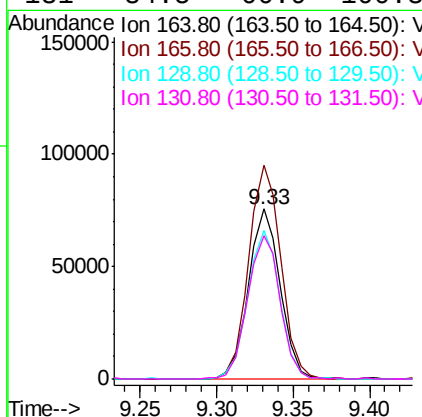
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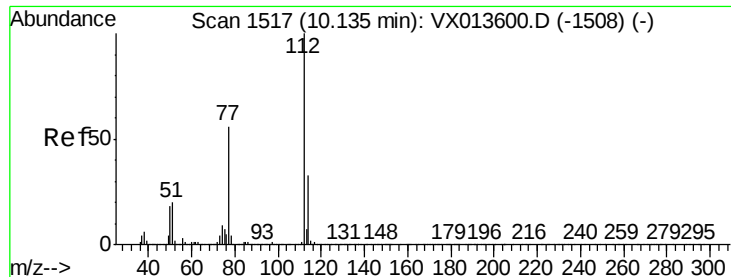
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#64
Tetrachloroethene
Concen: 21.314 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109293		
166	125.4	99.7	149.5	
129	87.0	70.1	105.1	
131	84.5	66.9	100.3	





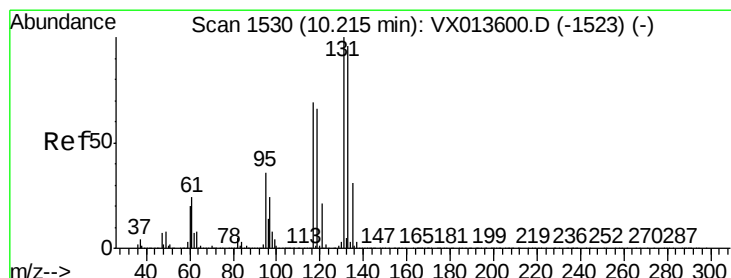
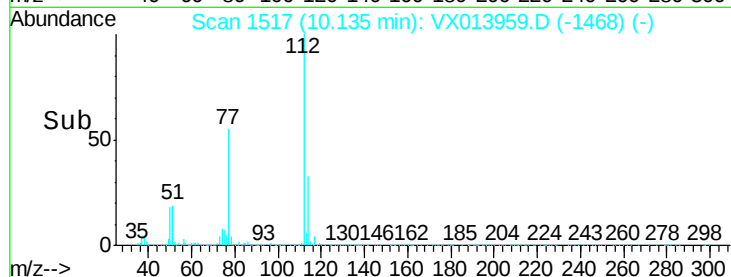
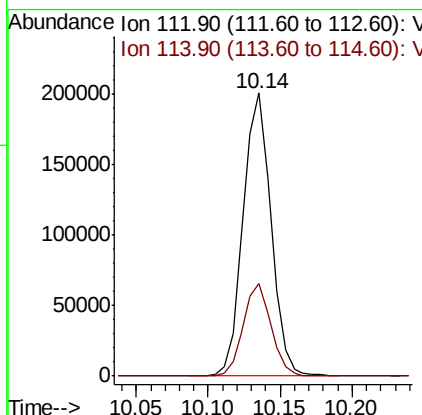
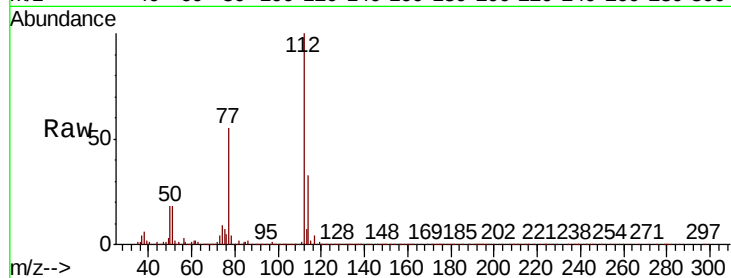
#65
Chlorobenzene
Concen: 18.879 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.1	39.1

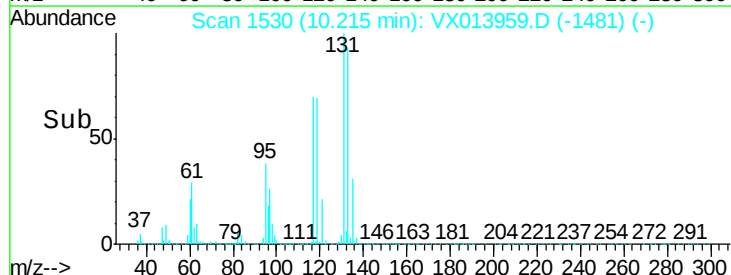
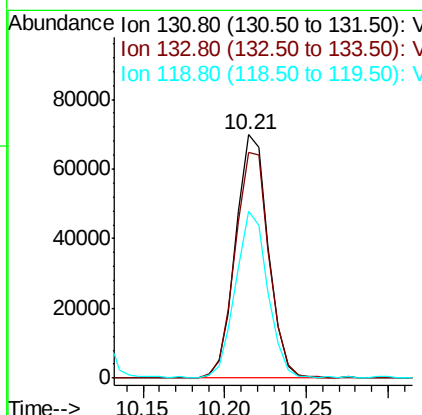
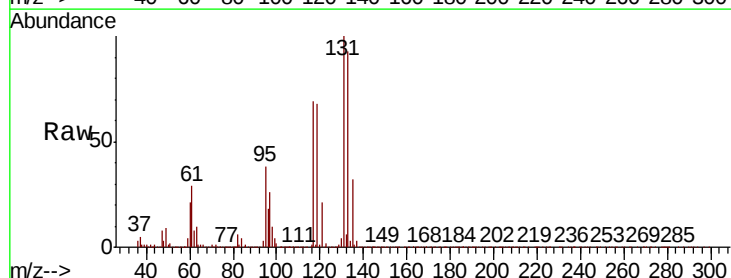
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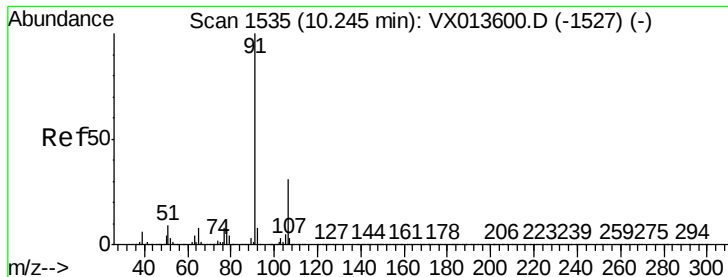
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.045 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.7	143.1
119	66.7	32.9	98.6





#67

Ethyl Benzene

Concen: 18.845 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 91 Resp: 462285

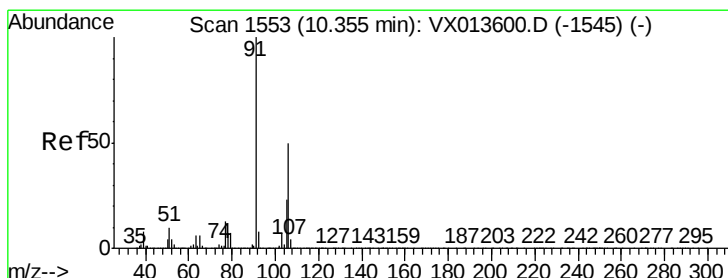
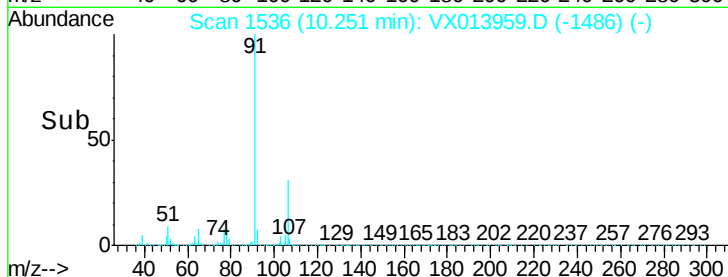
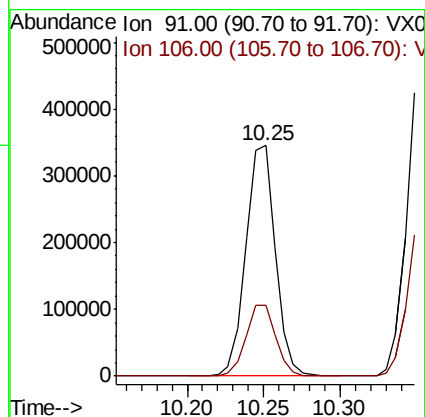
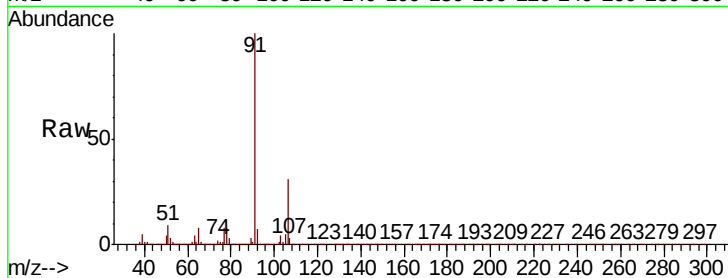
Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7

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#68

m/p-Xylenes

Concen: 37.505 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013959.D

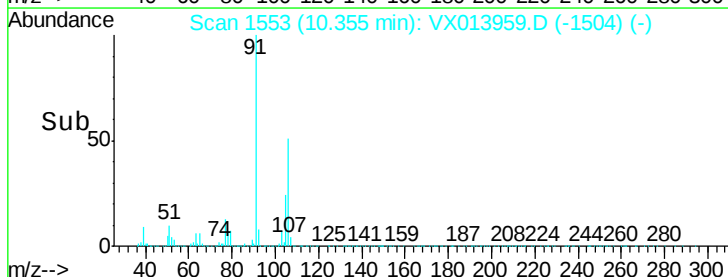
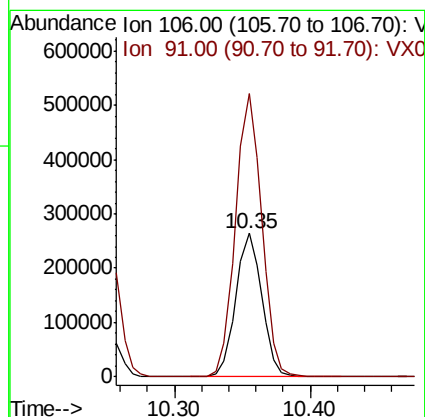
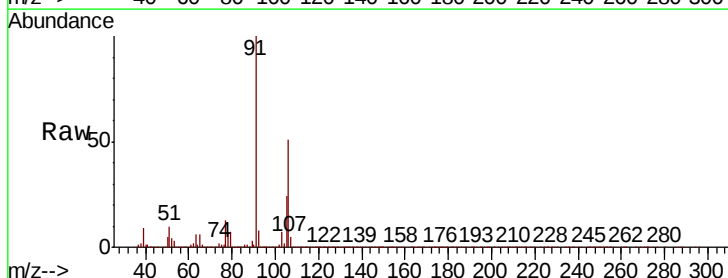
Acq: 11 Dec 2019 22:34

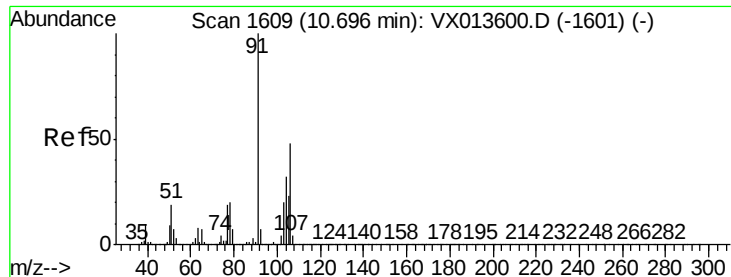
Tgt Ion: 106 Resp: 352245

Ion Ratio Lower Upper

106 100

91 198.3 159.0 238.4





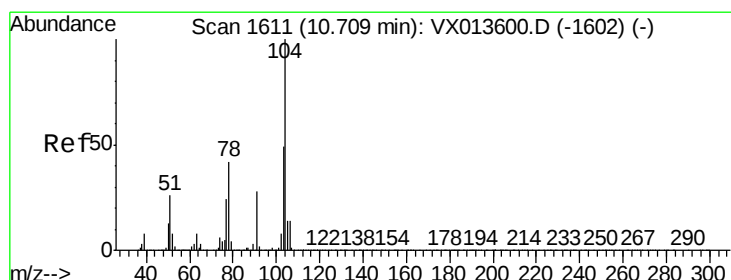
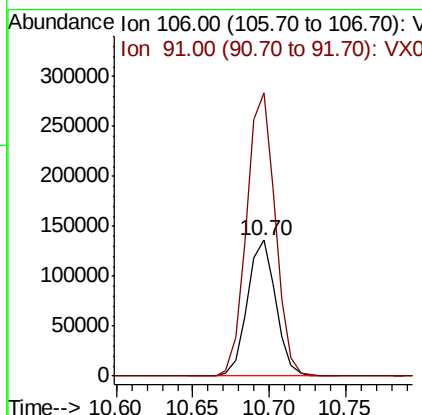
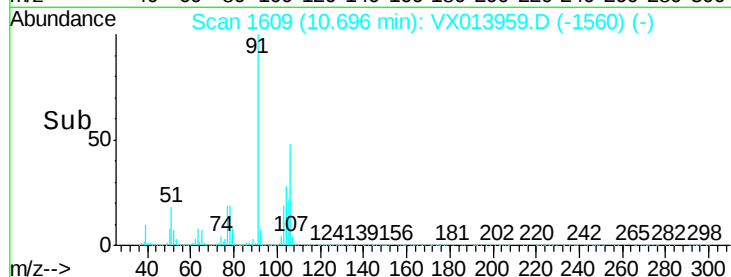
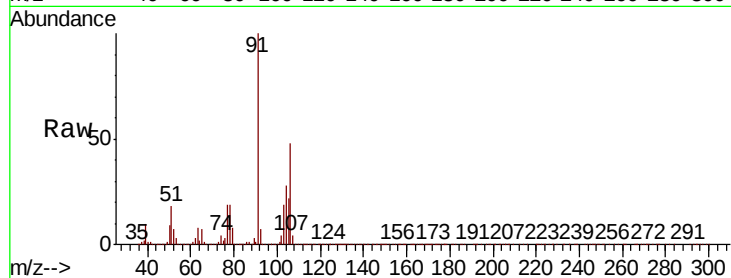
#69
o-Xylene
Concen: 19.030 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.6	104.1	312.2

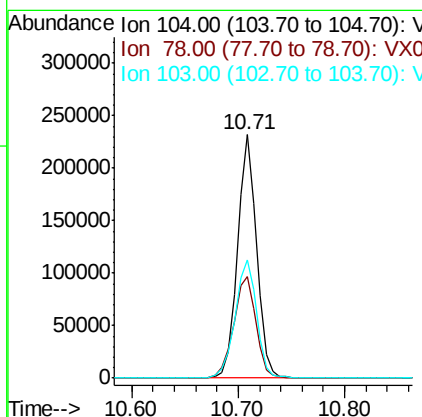
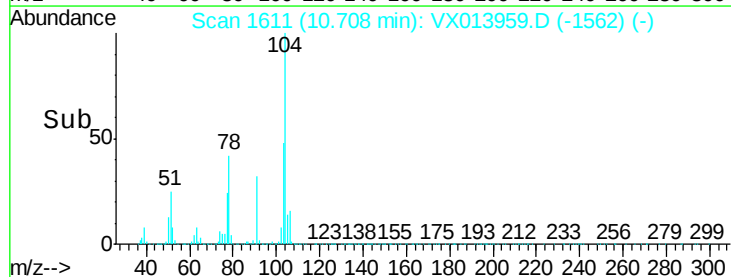
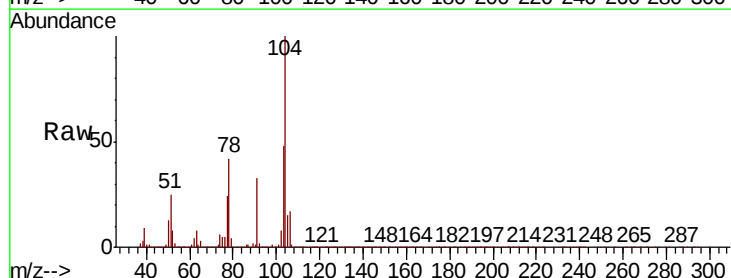
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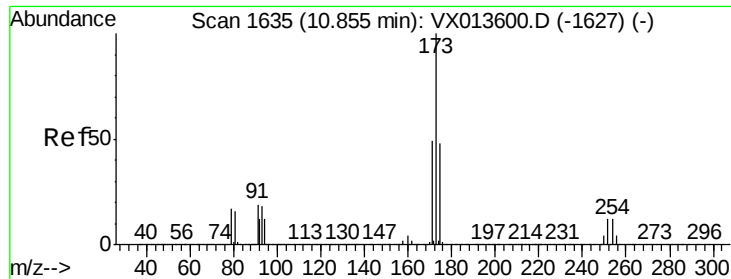
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#70
Styrene
Concen: 18.929 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.5	57.7
103	54.9	43.7	65.5





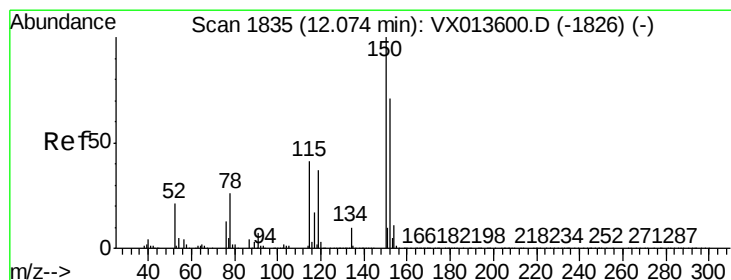
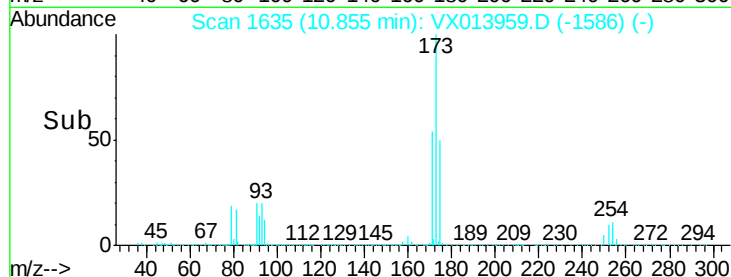
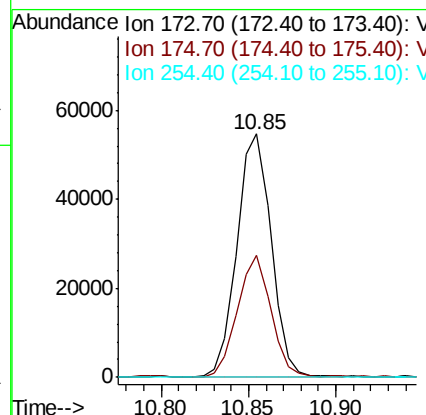
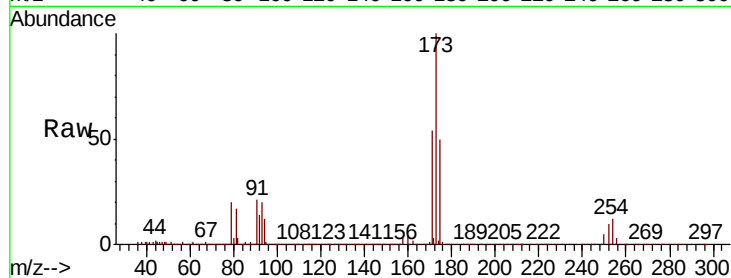
#71
Bromoform
Concen: 17.490 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.3	72.8
254	0.3	0.2	0.4

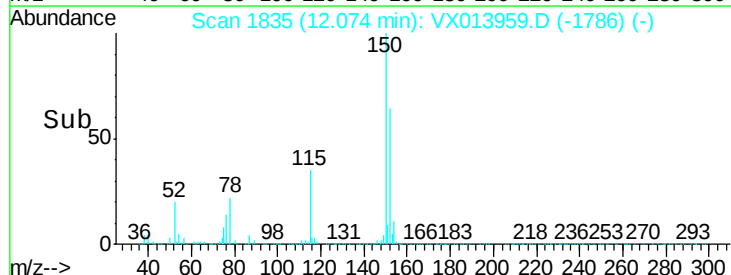
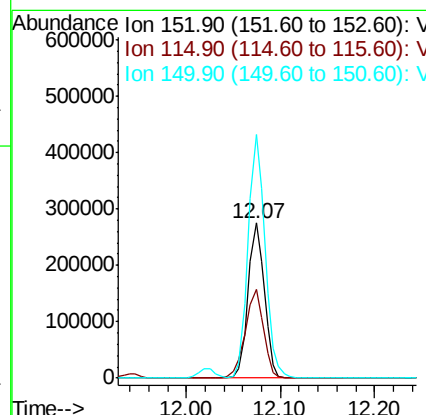
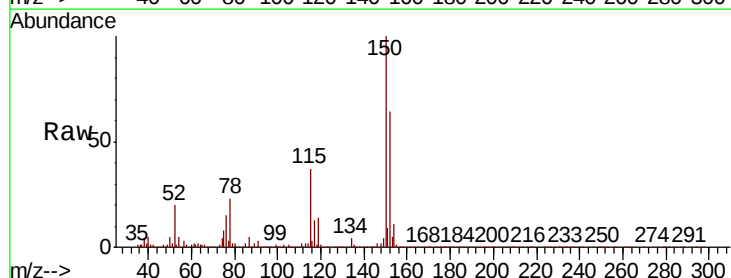
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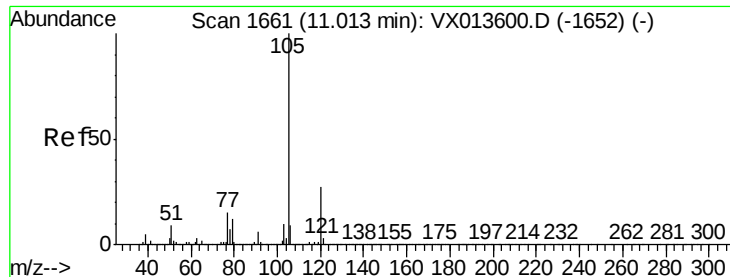
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	38.4	115.1
150	163.2	0.0	346.8





#73

Isopropylbenzene

Concen: 19.636 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 105 Resp: 457564

Ion Ratio Lower Upper

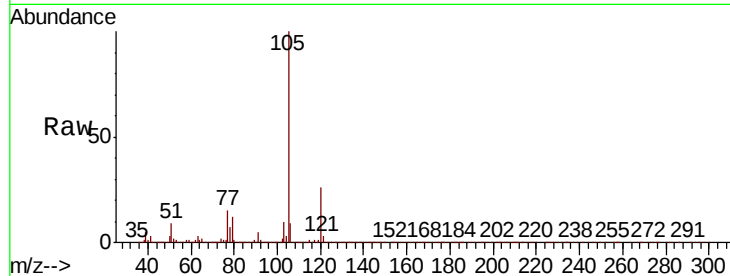
105 100

120 26.7 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

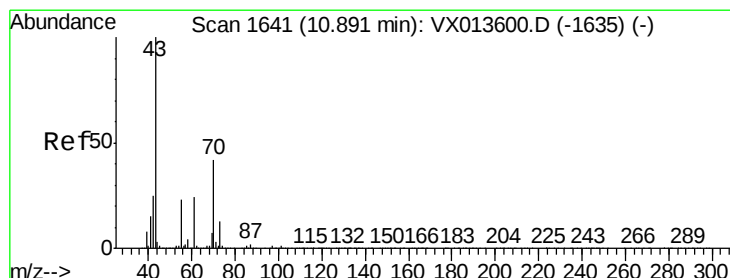
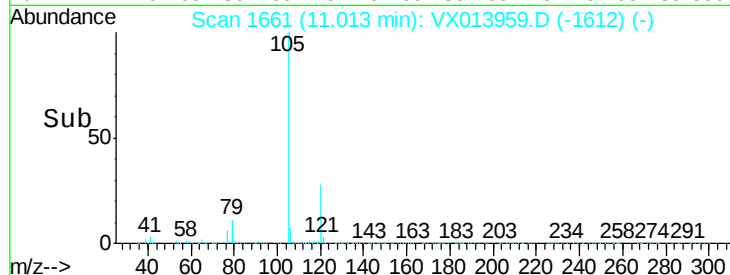
200000

100000

0

10.95 11.01 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.432 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion: 43 Resp: 207428

Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.2 18.5 27.7

61 24.6 19.8 29.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

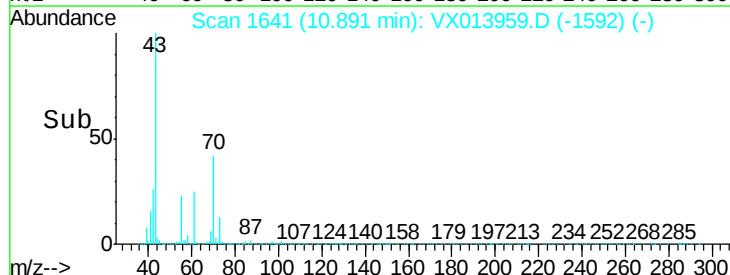
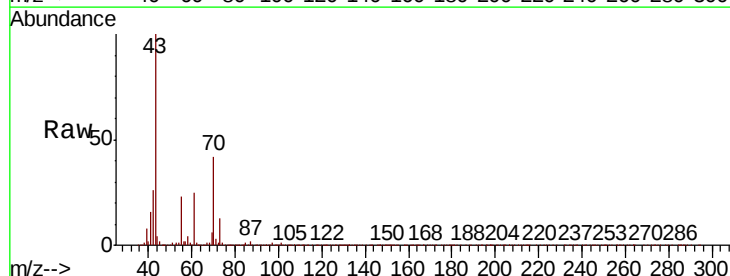
100000

50000

0

10.80 10.89 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.668 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

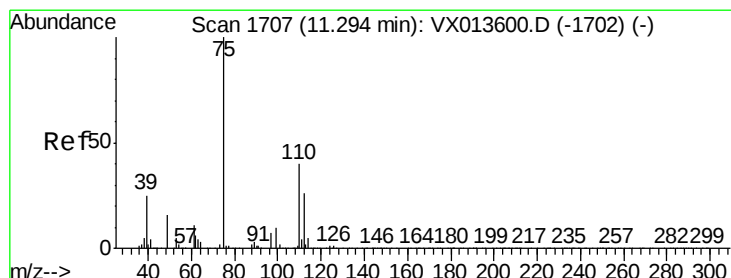
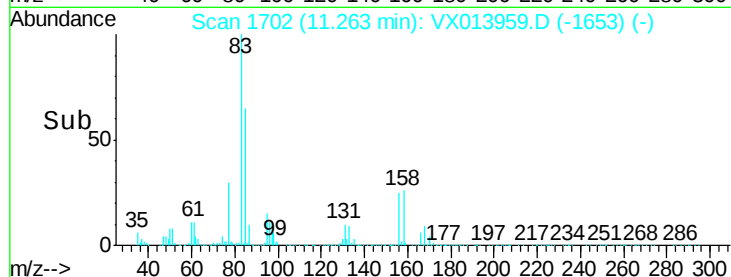
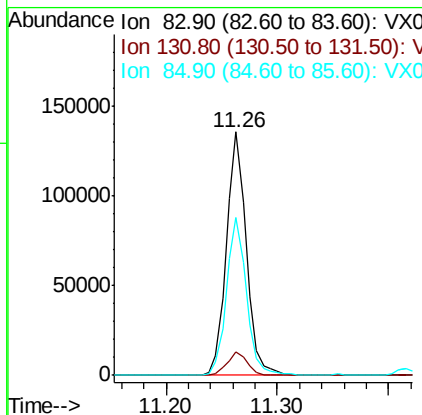
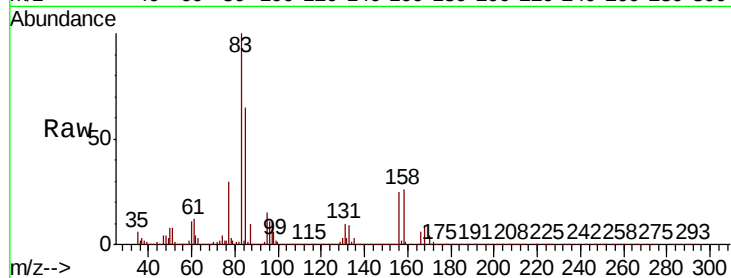
ClientSampleId :

VX1211WBS02

Tot Ion:	83	Resp:	167018
Ion Ratio		Lower	Upper
83	100		
131	9.8	5.1	15.3
85	64.6	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 19.952 ug/l m

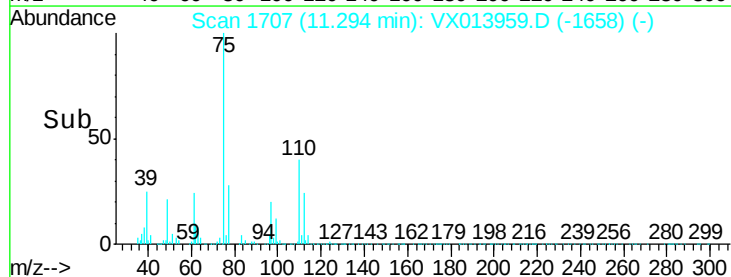
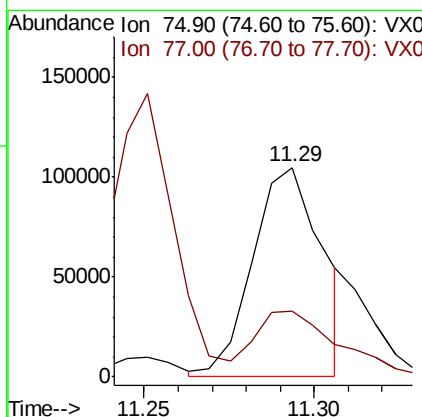
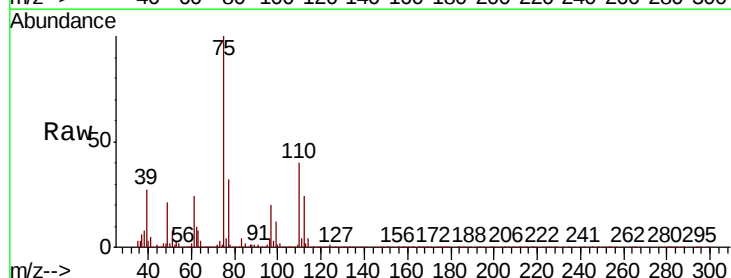
RT: 11.29 min Scan# 1707

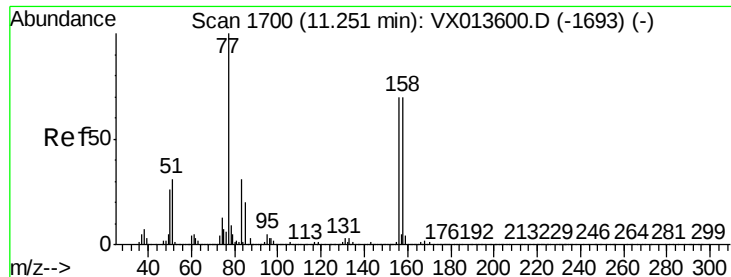
Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion:	75	Resp:	149077
Ion Ratio		Lower	Upper
75	100		
77	37.6	19.1	57.5





#77

Bromobenzene

Concen: 18.974 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

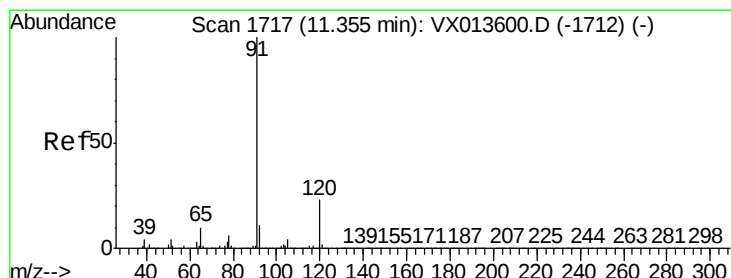
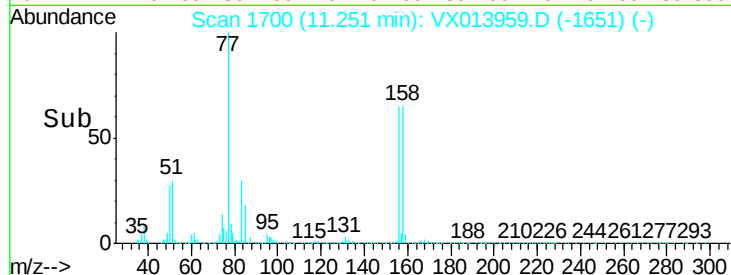
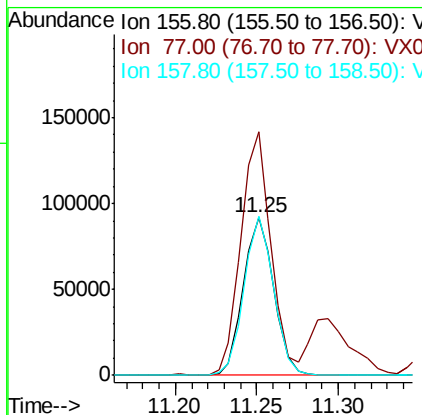
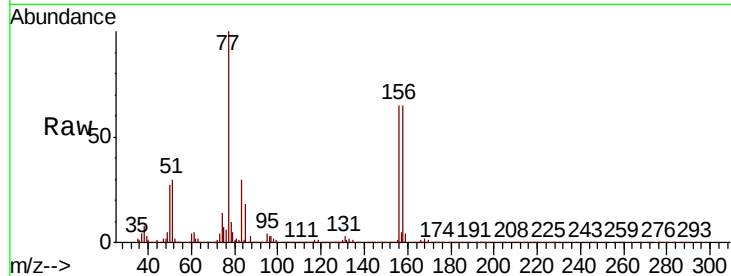
ClientSampleId :

VX1211WBS02

Tot Ion:	156	Resp:	119445
Ion Ratio	Lower	Upper	
156	100		
77	153.5	74.4	223.1
158	98.5	48.9	146.6

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#78

n-propylbenzene

Concen: 19.235 ug/l

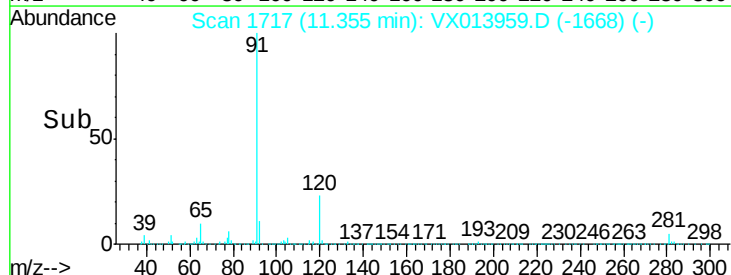
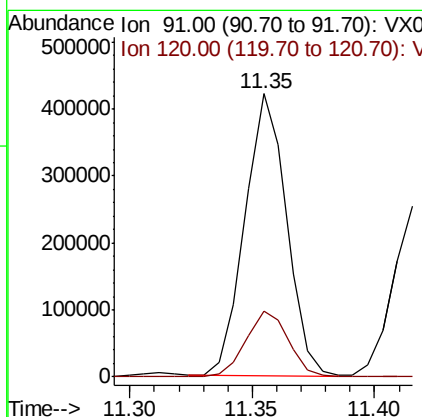
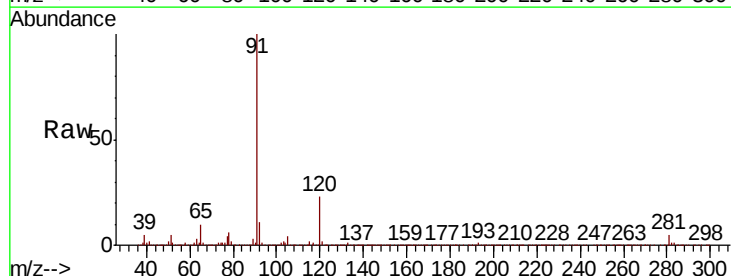
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion:	91	Resp:	500363
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.899 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS02

Tot Ion: 91 Resp: 310513

Ion Ratio Lower Upper

91 100

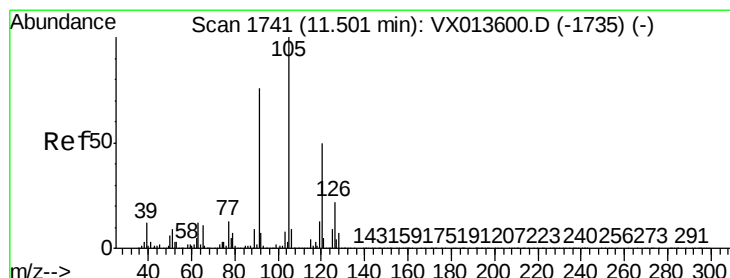
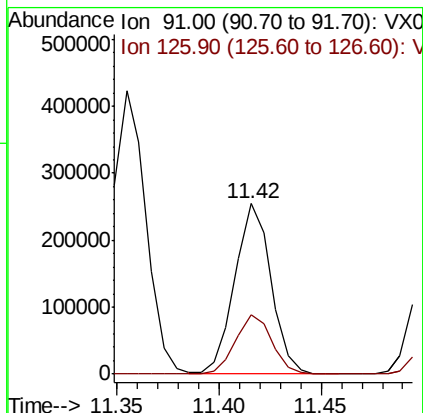
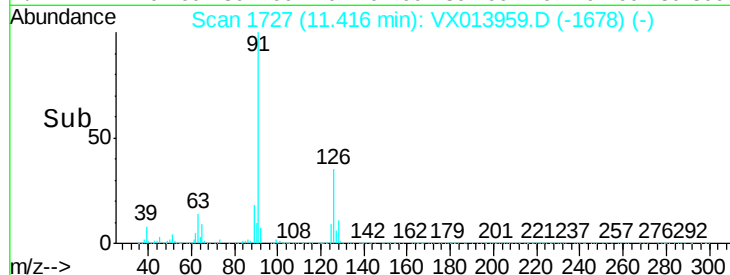
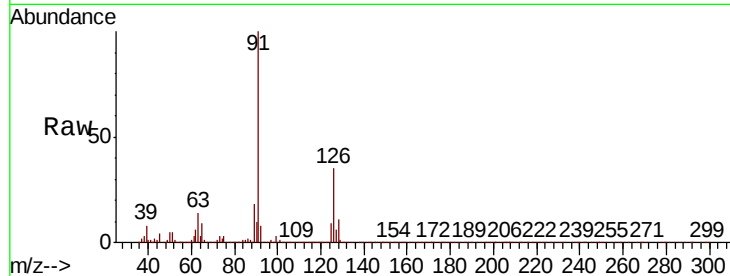
126 35.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.785 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013959.D

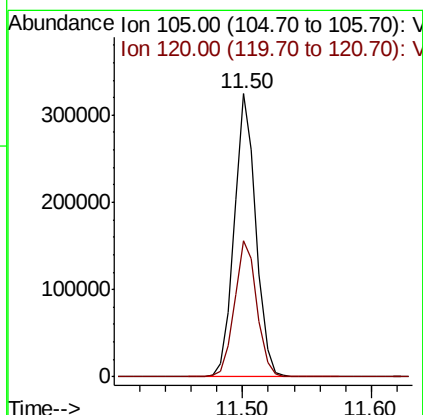
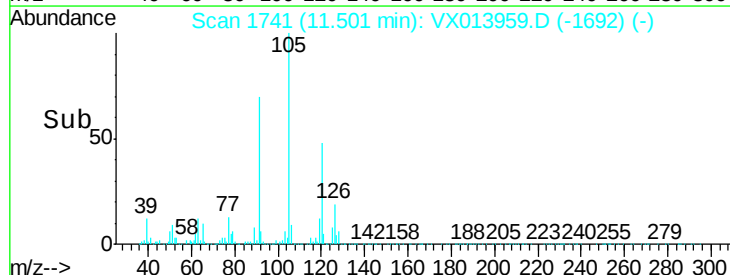
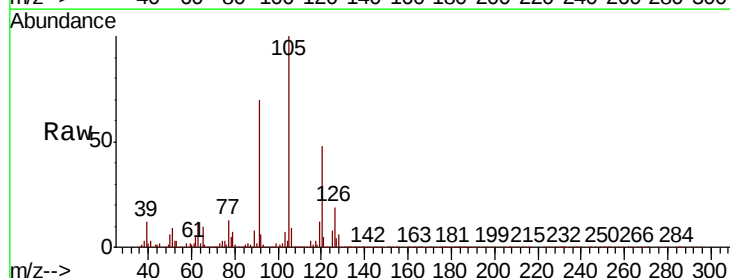
Acq: 11 Dec 2019 22:34

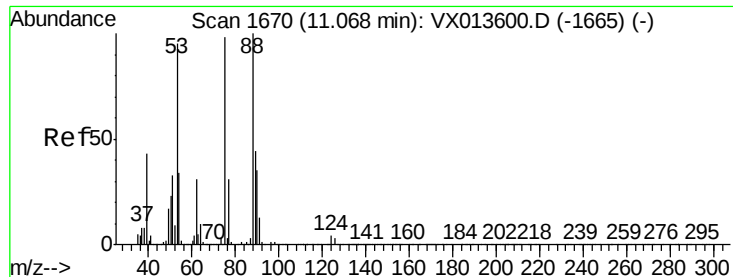
Tgt Ion: 105 Resp: 377857

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.9





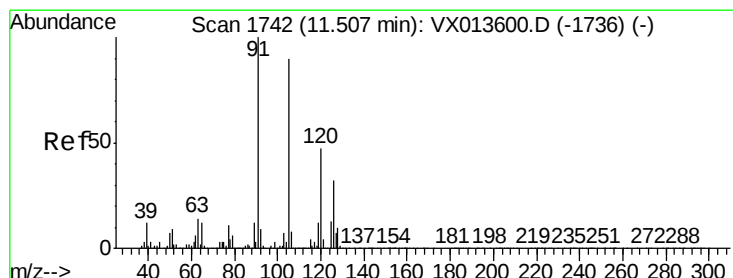
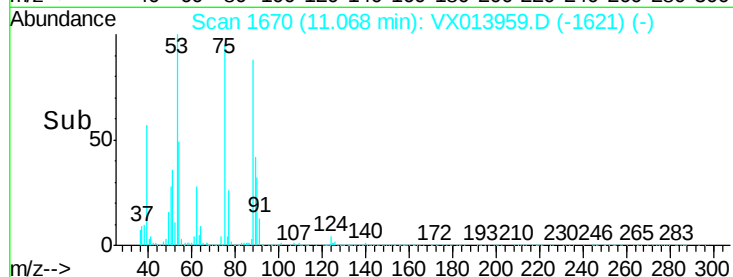
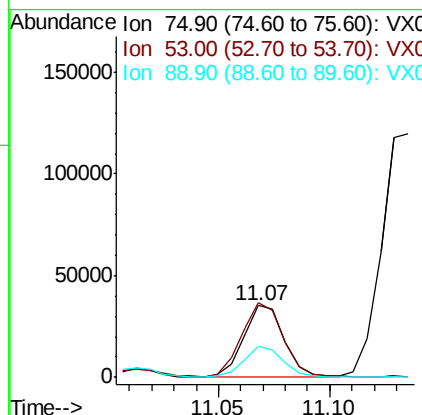
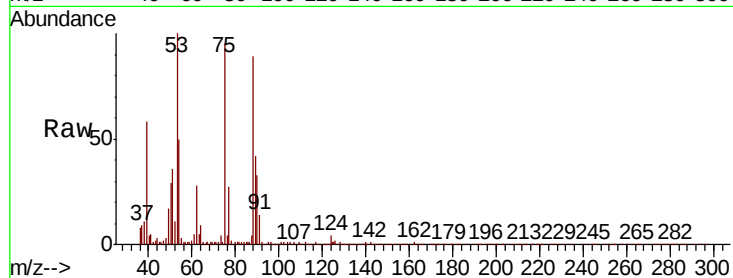
#81
trans-1,4-Dichloro-2-butene
Concen: 16.246 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.9	78.2	117.2
89	43.9	35.4	53.2

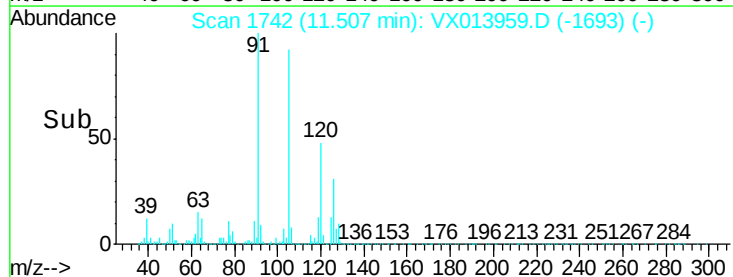
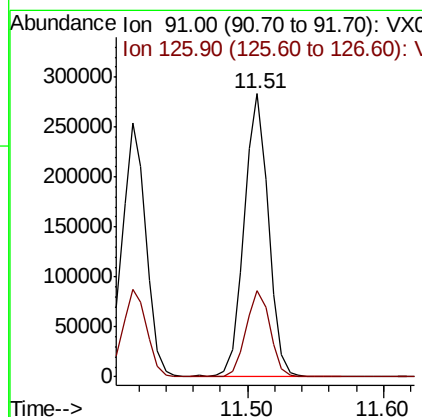
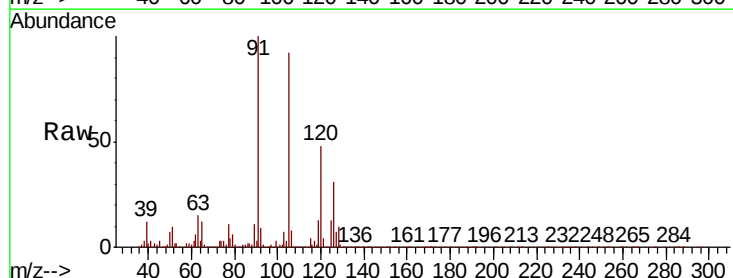
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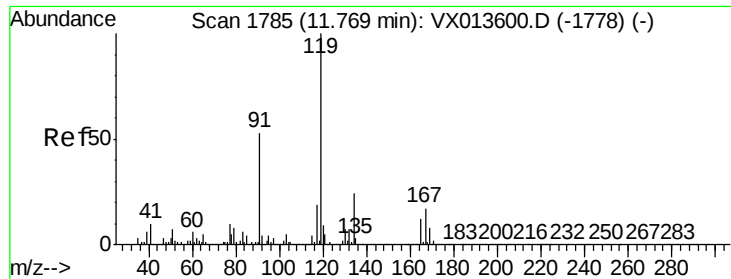
apatel
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#82
4-Chlorotoluene
Concen: 19.314 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.0





#83

tert-Butylbenzene

Concen: 19.168 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Instrument :

MSVOA_X

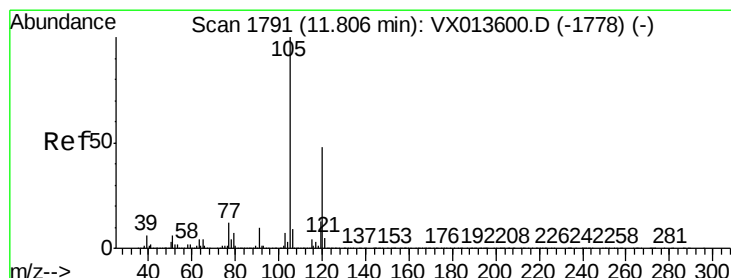
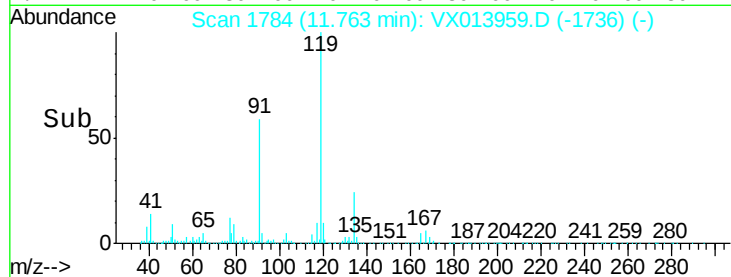
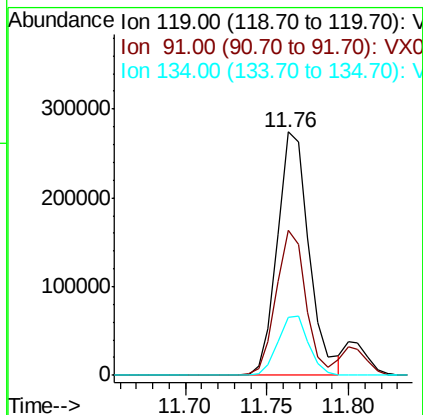
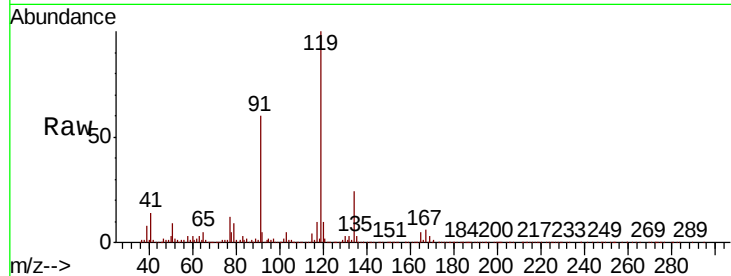
ClientSampleId :

VX1211WBS02

Tot Ion:	119	Resp:	372045
Ion Ratio	Lower	Upper	
119	100		
91	55.3	27.2	81.6
134	23.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 19.735 ug/l

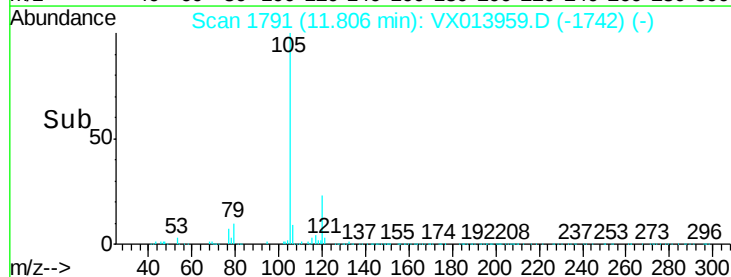
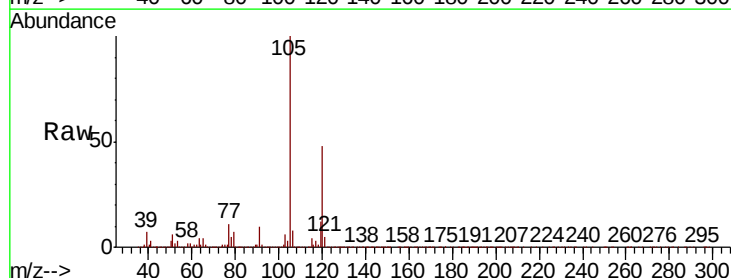
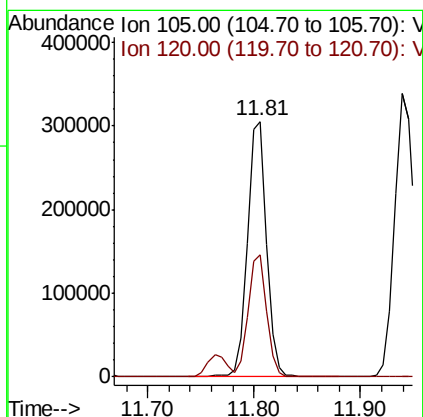
RT: 11.81 min Scan# 1791

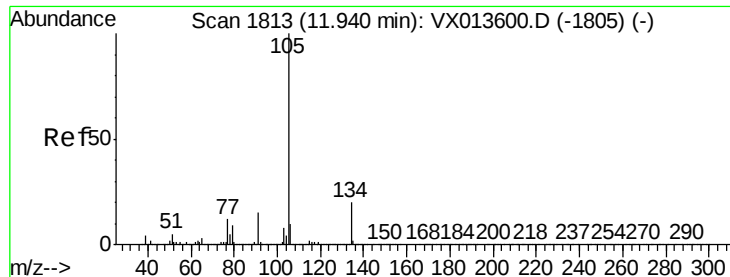
Delta R.T. -0.00 min

Lab File: VX013959.D

Acq: 11 Dec 2019 22:34

Tgt Ion:	105	Resp:	382529
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.1	69.3





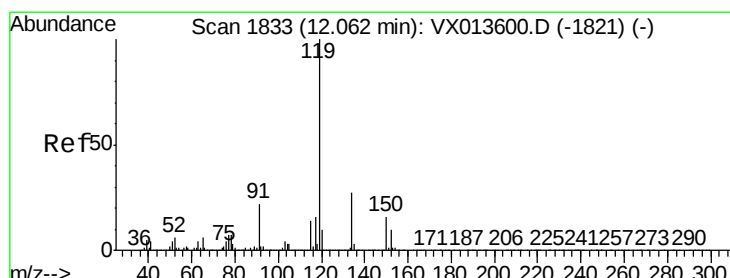
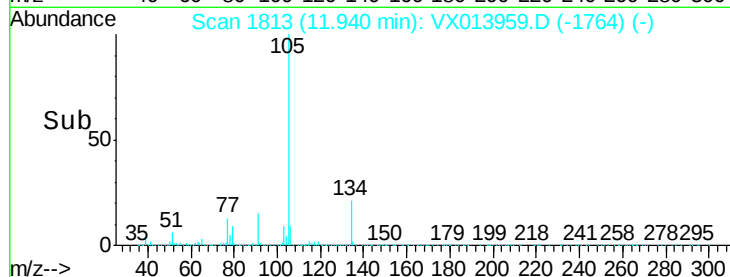
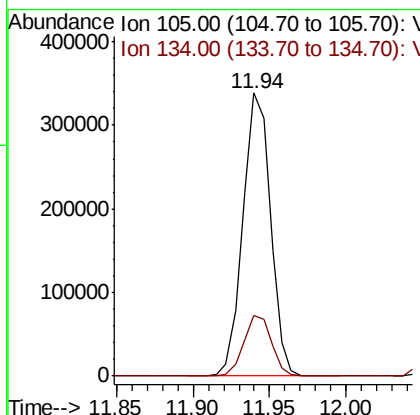
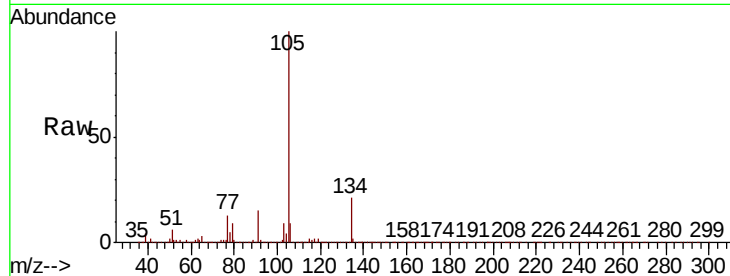
#85
 sec-Butylbenzene
 Concen: 19.133 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.4	31.2

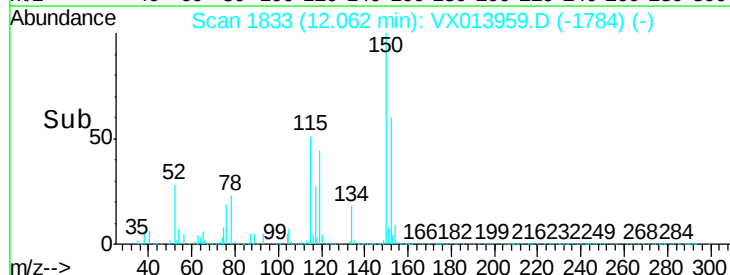
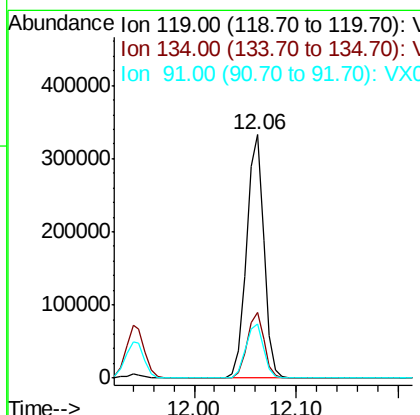
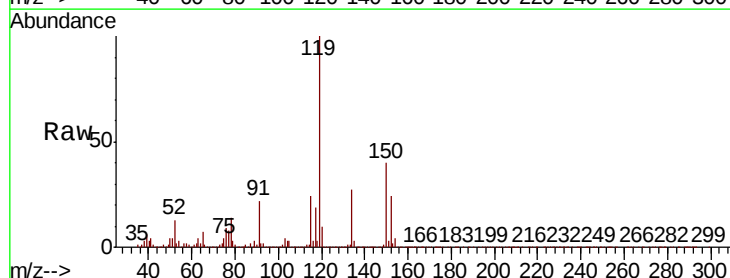
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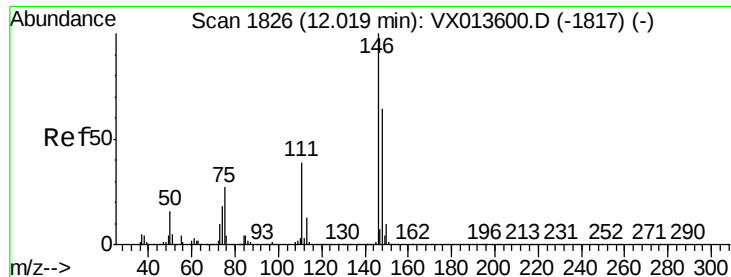
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#86
 p-Isopropyltoluene
 Concen: 18.935 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.9
91	22.9	11.3	33.8





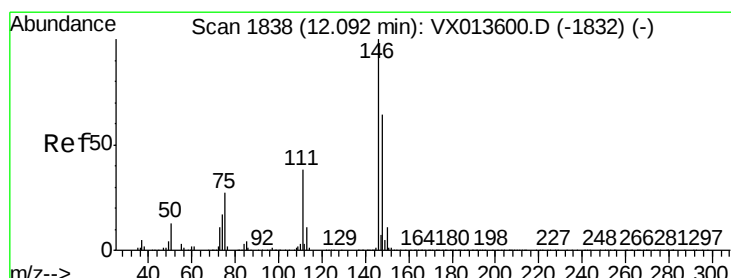
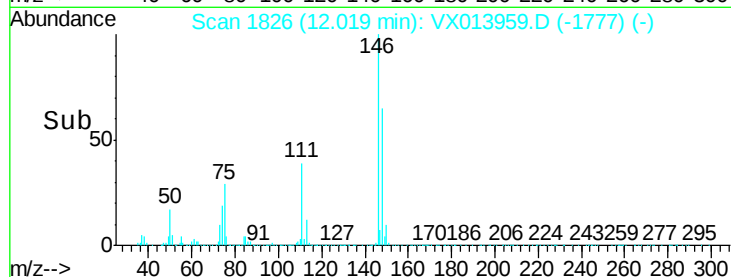
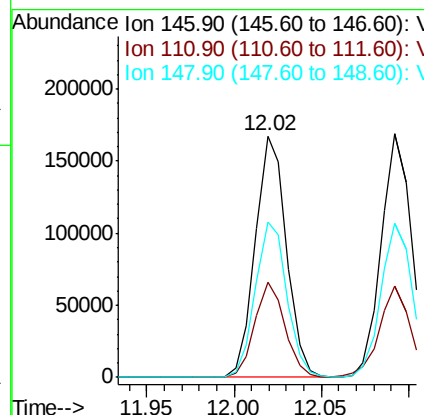
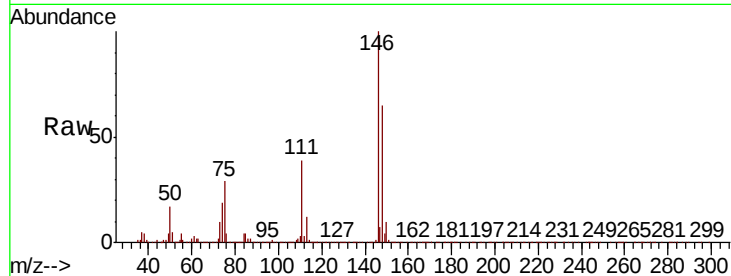
#87
 1,3-Dichlorobenzene
 Concen: 18.897 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	65.5	31.8	95.4

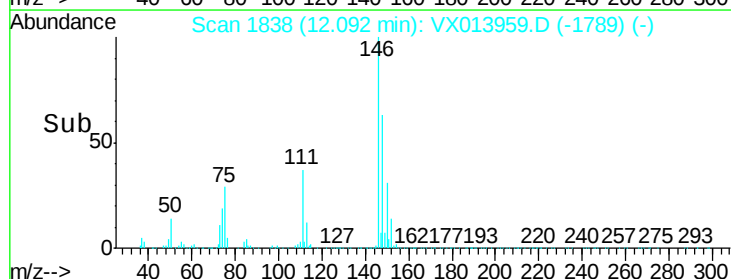
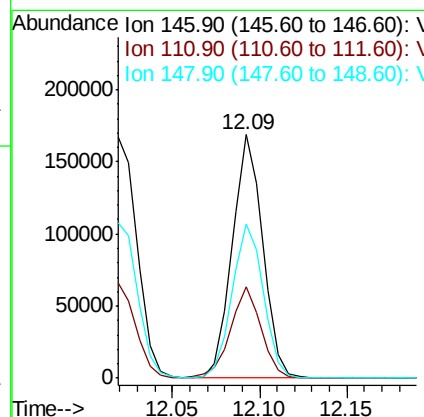
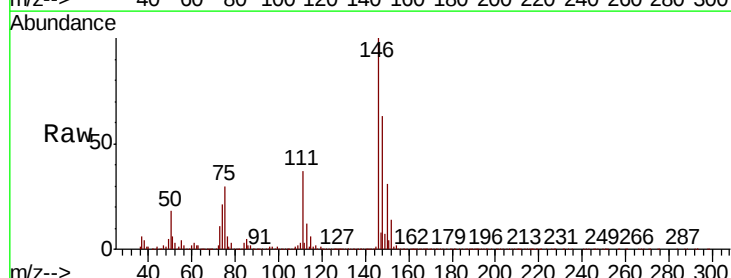
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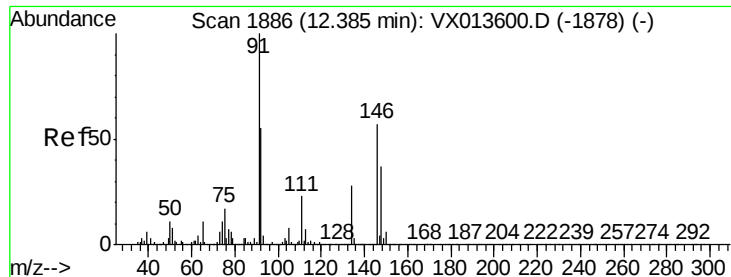
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#88
 1,4-Dichlorobenzene
 Concen: 18.269 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	65.1	31.9	95.5





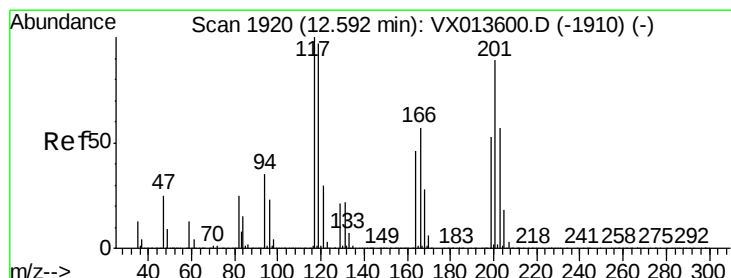
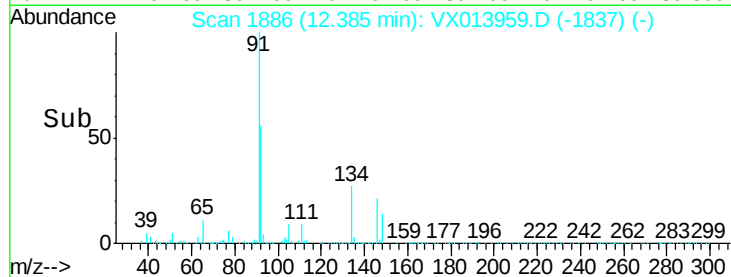
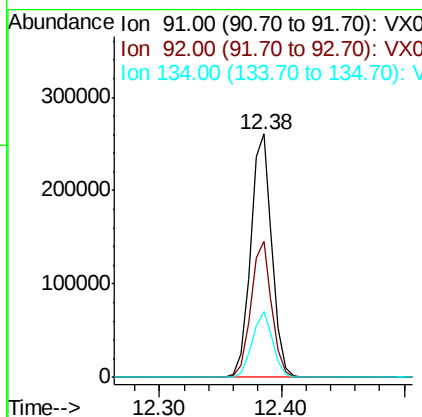
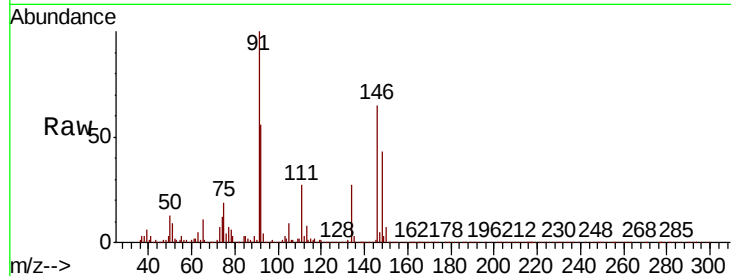
#89
n-Butylbenzene
Concen: 17.874 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.9	27.4	82.2	
134	26.6	13.5	40.4	

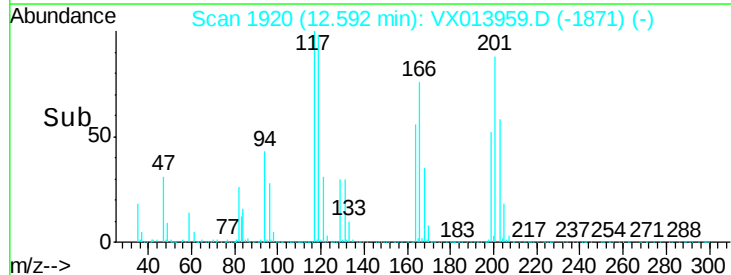
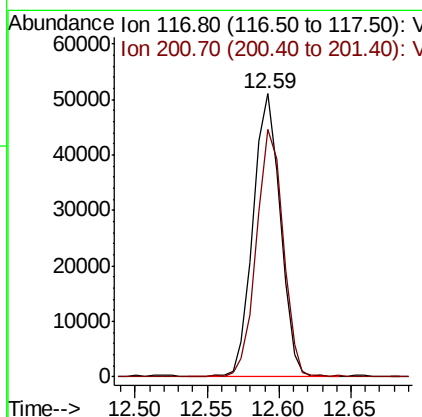
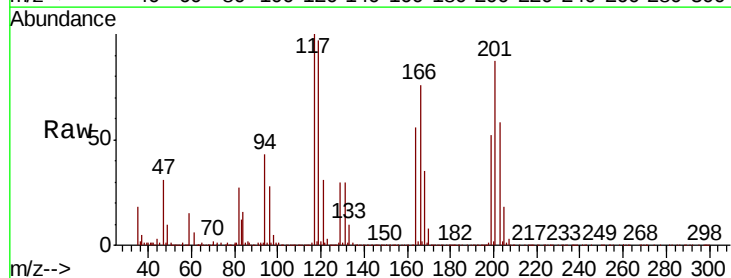
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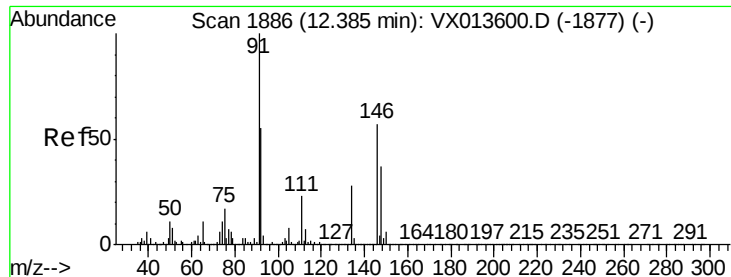
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#90
Hexachloroethane
Concen: 17.716 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.1	44.1	132.4	





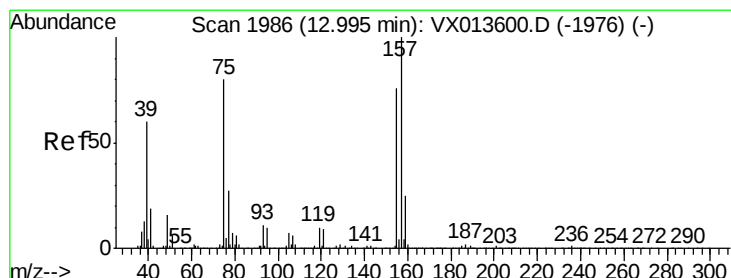
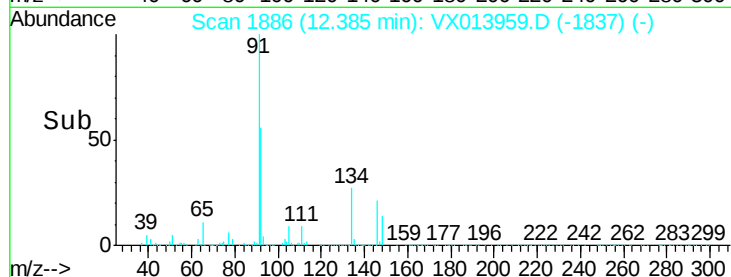
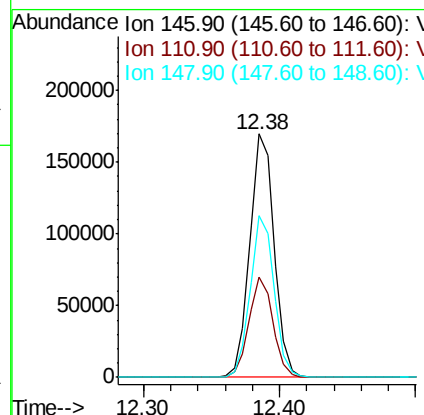
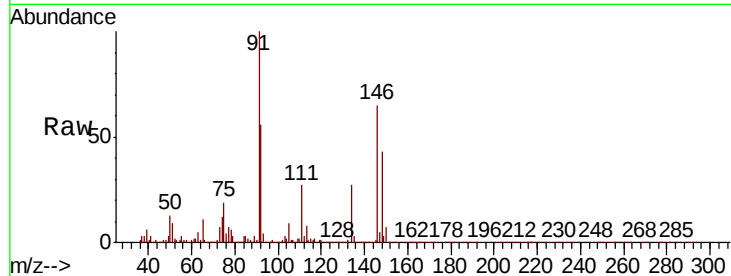
#91
 1,2-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	65.1	31.9	95.7

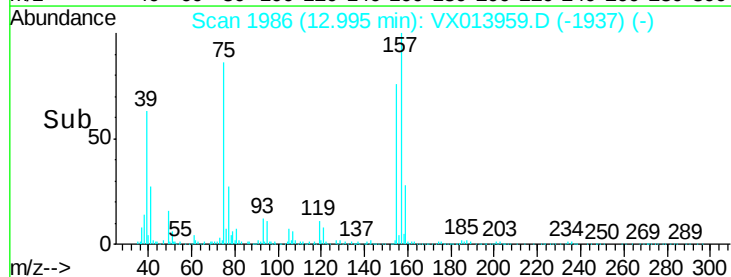
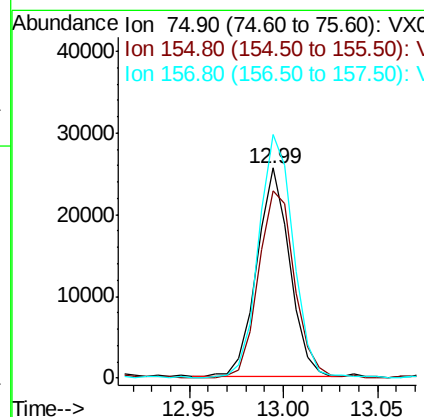
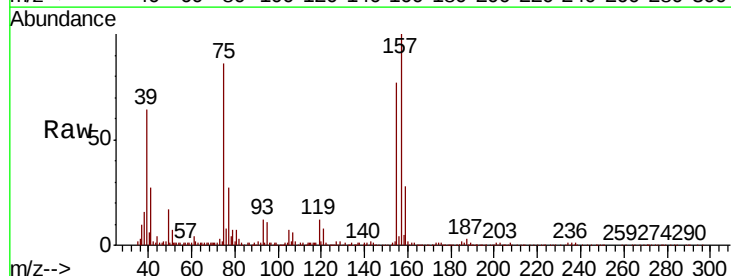
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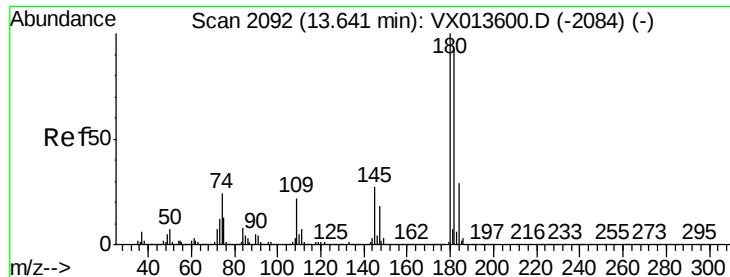
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.661 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	47.6	142.8
157	122.9	62.1	186.2





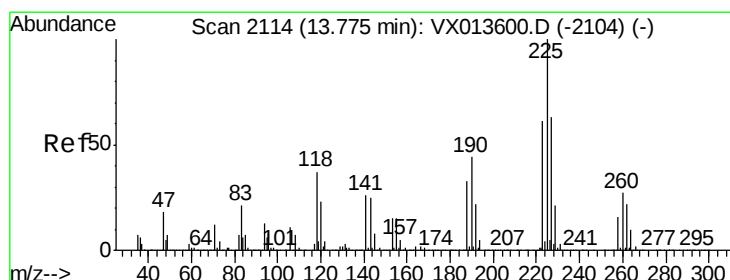
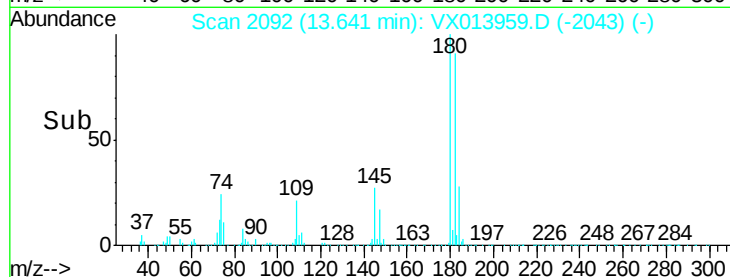
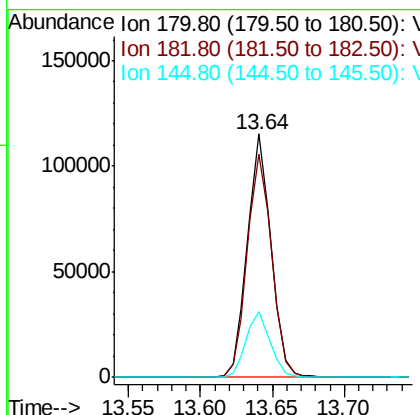
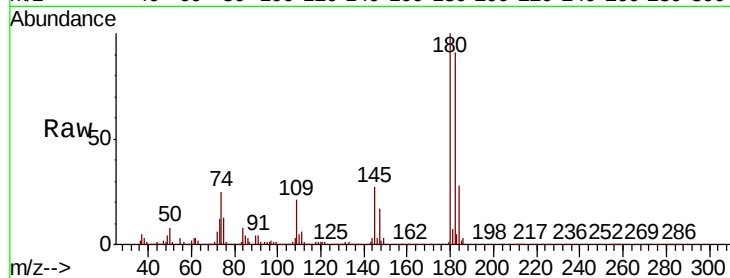
#93
 1,2,4-Trichlorobenzene
 Concen: 17.218 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	130104		
182	95.0	47.2	141.6	
145	27.7	13.8	41.4	

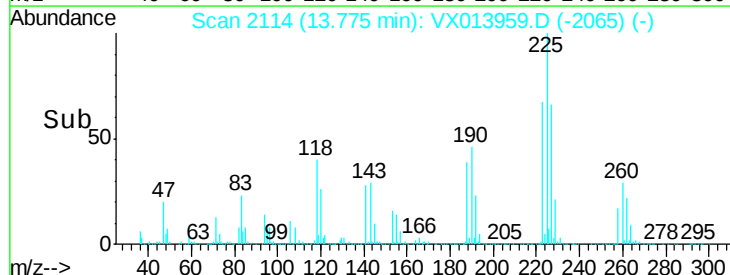
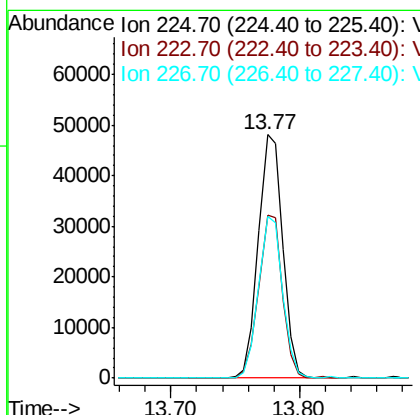
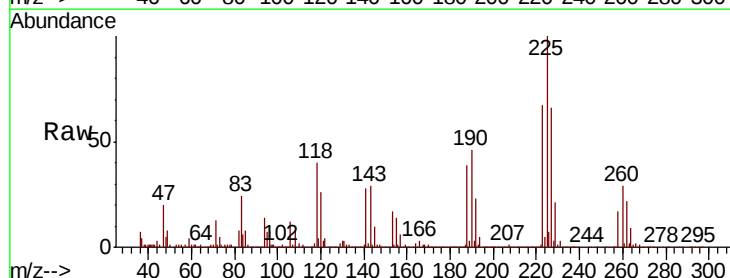
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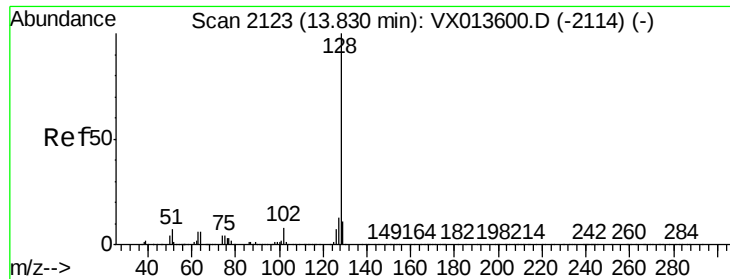
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#94
 Hexachlorobutadiene
 Concen: 17.271 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013959.D
 Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62693		
223	64.4	31.9	95.5	
227	65.7	32.1	96.3	





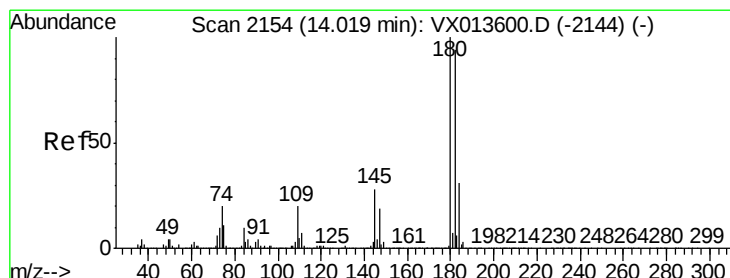
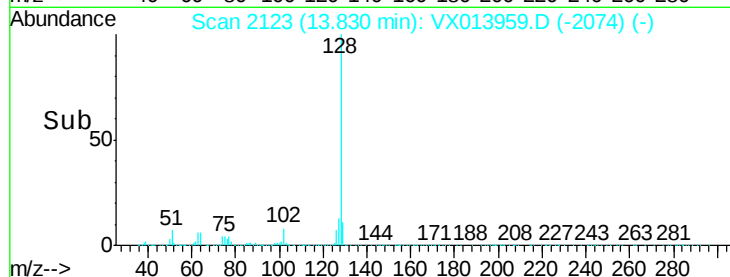
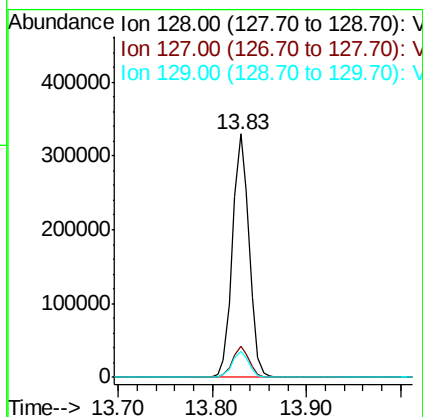
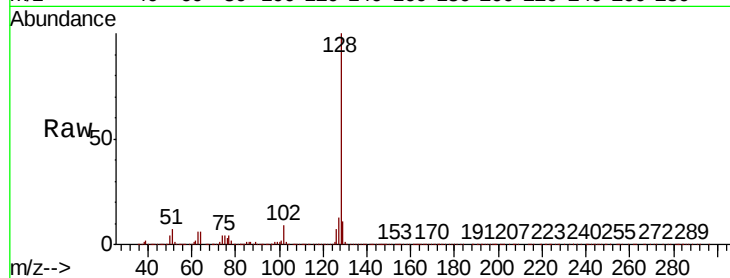
#95
Naphthalene
Concen: 17.931 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/12/2019 9:26:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.332 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013959.D
Acq: 11 Dec 2019 22:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	29.2	15.0	45.0

