

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013891.D
 Acq On : 10 Dec 2019 12:24
 Operator : JC/SP
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:00 PM

Quant Time: Dec 11 02:49:29 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	538949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	828865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	747529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	358696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	298722	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.49	113	252834	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.71	98	943104	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	330769	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108909	18.155	ug/l	95
3) Chloromethane	1.32	50	126414	18.781	ug/l	97
4) Vinyl Chloride	1.40	62	147646	19.489	ug/l	99
5) Bromomethane	1.63	94	90262	17.741	ug/l	100
6) Chloroethane	1.72	64	82595	19.159	ug/l	96
7) Trichlorofluoromethane	1.92	101	160029	19.023	ug/l	100
8) Diethyl Ether	2.18	74	75001	19.707	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98549	19.179	ug/l	99
10) Methyl Iodide	2.50	142	101317	16.300	ug/l	99
11) Tert butyl alcohol	3.03	59	140395	90.919	ug/l	100
12) 1,1-Dichloroethene	2.36	96	96121	18.741	ug/l	100
13) Acrolein	2.28	56	106909	107.041	ug/l	99
14) Allyl chloride	2.72	41	173394	18.629	ug/l	100
15) Acrylonitrile	3.13	53	313180	98.254	ug/l	99
16) Acetone	2.43	43	303465	98.251	ug/l	99
17) Carbon Disulfide	2.56	76	232733	15.917	ug/l	99
18) Methyl Acetate	2.76	43	188459	21.912	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	329604	19.398	ug/l	99
20) Methylene Chloride	2.85	84	114297	19.262	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106119	18.992	ug/l	96
22) Diisopropyl ether	3.84	45	367023	20.478	ug/l	94
23) Vinyl Acetate	3.80	43	1460424	97.951	ug/l	100
24) 1,1-Dichloroethane	3.69	63	196604	20.066	ug/l	99
25) 2-Butanone	4.66	43	448671	97.743	ug/l	100
26) 2,2-Dichloropropane	4.58	77	146486	18.071	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	121853	18.990	ug/l	100
28) Bromochloromethane	5.01	49	81913	21.149	ug/l	98
29) Tetrahydrofuran	5.12	42	283419	100.155	ug/l	99
30) Chloroform	5.20	83	191905	19.313	ug/l	100
31) Cyclohexane	5.57	56	169171	18.306	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	155806	18.764	ug/l	98
36) 1,1-Dichloropropene	5.79	75	135818	18.051	ug/l	98
37) Ethyl Acetate	4.82	43	160048	18.961	ug/l	99
38) Carbon Tetrachloride	5.78	117	130407	18.797	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169024	18.174	ug/l	99
40) Benzene	6.14	78	434299	18.952	ug/l	98
41) Methacrylonitrile	5.03	41	91671	19.803	ug/l	98
42) 1,2-Dichloroethane	6.19	62	153053	19.584	ug/l	99
43) Isopropyl Acetate	6.43	43	265901	19.135	ug/l	99
44) Trichloroethene	7.21	130	115734	18.402	ug/l	98
45) 1,2-Dichloropropane	7.51	63	111649	19.473	ug/l	94
46) Dibromomethane	7.65	93	73996	19.003	ug/l	99
47) Bromodichloromethane	7.89	83	143477	19.490	ug/l	99
48) Methyl methacrylate	7.76	41	131621	19.494	ug/l	100
49) 1,4-Dioxane	7.73	88	56109	371.258	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	866910	99.177	ug/l	100
52) Toluene	8.78	92	273351	19.201	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	151008	18.022	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	171709	18.757	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	114000	19.871	ug/l	99
56) Ethyl methacrylate	9.17	69	178989	19.406	ug/l	99
57) 1,3-Dichloropropane	9.37	76	193424	19.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	347365	96.056	ug/l	100
59) 2-Hexanone	9.48	43	662264	97.144	ug/l	98
60) Dibromochloromethane	9.58	129	113814	19.117	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118646	19.364	ug/l	99
64) Tetrachloroethene	9.33	164	107700	19.320	ug/l	95
65) Chlorobenzene	10.14	112	292719	18.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108864	19.534	ug/l	99
67) Ethyl Benzene	10.25	91	511401	19.175	ug/l	99
68) m/p-Xylenes	10.36	106	385050	37.711	ug/l	99
69) o-Xylene	10.70	106	191557	19.236	ug/l	100
70) Styrene	10.71	104	318133	18.991	ug/l	99
71) Bromoform	10.85	173	84482	18.320	ug/l #	100
73) Isopropylbenzene	11.01	105	502147	19.957	ug/l	100
74) N-amyl acetate	10.89	43	224752	19.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	181967	20.854	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163783m	20.301	ug/l	
77) Bromobenzene	11.25	156	130769	19.238	ug/l	98
78) n-propylbenzene	11.35	91	557556	19.851	ug/l	100
79) 2-Chlorotoluene	11.42	91	334406	19.847	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	414272	20.089	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	50820	17.233	ug/l	92
82) 4-Chlorotoluene	11.51	91	374317	19.181	ug/l	100
83) tert-Butylbenzene	11.77	119	407504	19.444	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	411861	19.679	ug/l	99
85) sec-Butylbenzene	11.94	105	471444	19.694	ug/l	100
86) p-Isopropyltoluene	12.06	119	439053	19.715	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220550	18.613	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	222891	18.468	ug/l	99
89) n-Butylbenzene	12.39	91	358568	18.878	ug/l	99
90) Hexachloroethane	12.59	117	76806	19.081	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	228942	19.556	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37611	19.794	ug/l	96

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ClientSampleId :
VX1210WBS01

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140353	17.202	ug/l	98
94) Hexachlorobutadiene	13.78	225	71581	18.263	ug/l	98
95) Naphthalene	13.83	128	447823	18.430	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	145924	18.063	ug/l	99

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

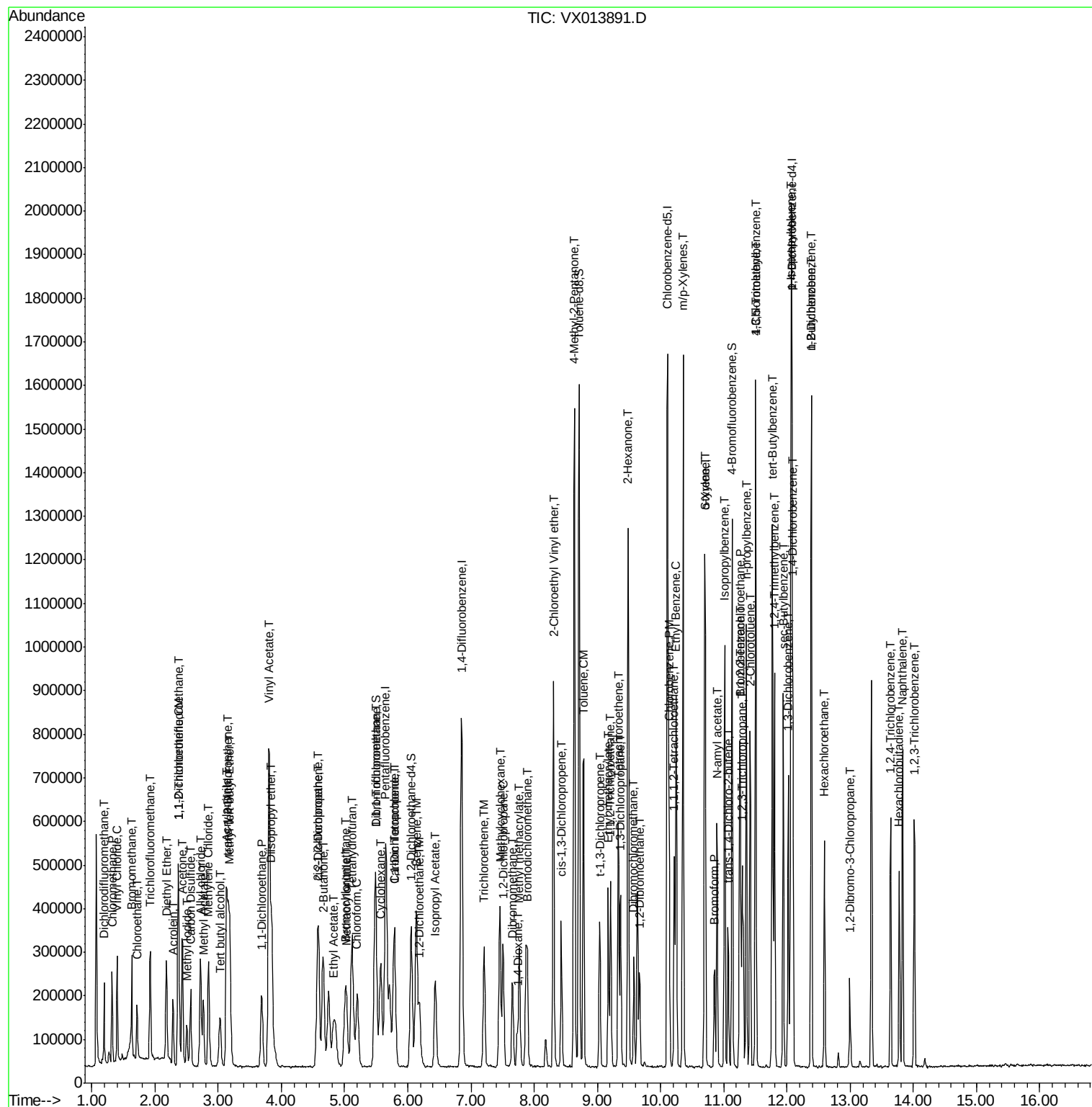
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 Data File : VX013891.D
 Acq On : 10 Dec 2019 12:24
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 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA X/WATER
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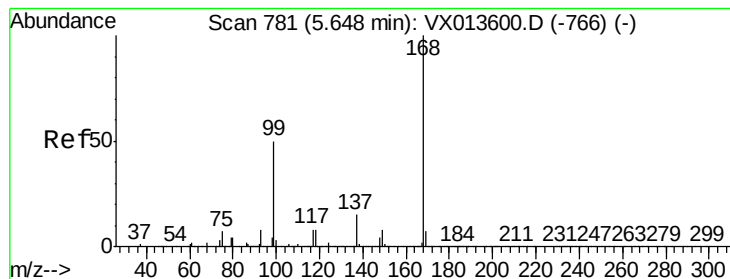
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1210WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:168 Resp: 538949

Ion Ratio Lower Upper

168 100

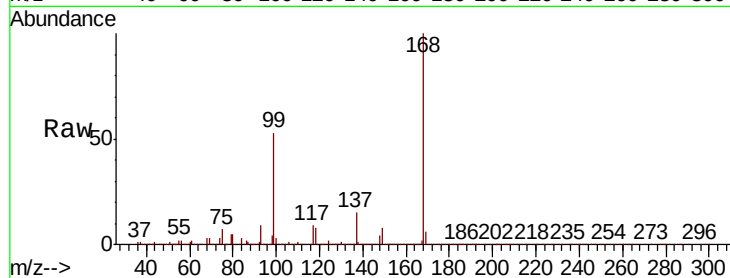
99 53.0 39.8 59.8

Manual Integrations

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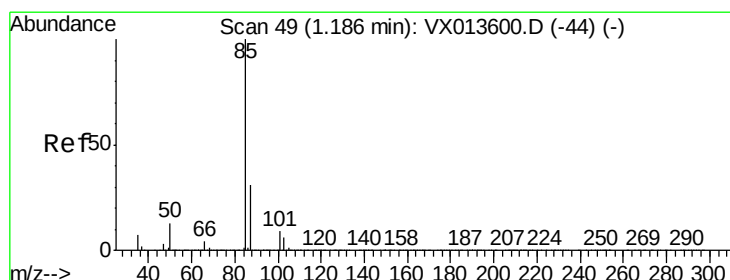
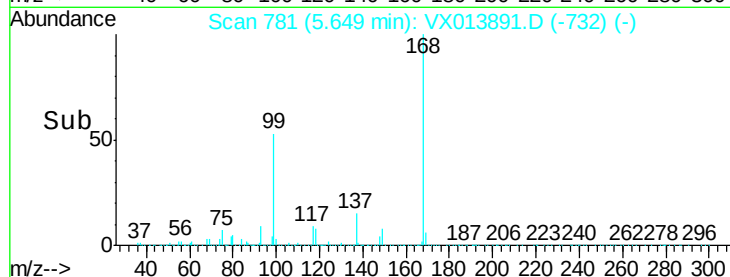
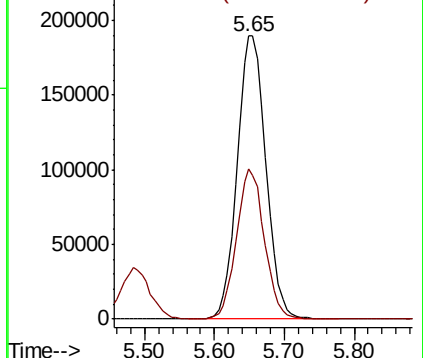
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.155 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013891.D

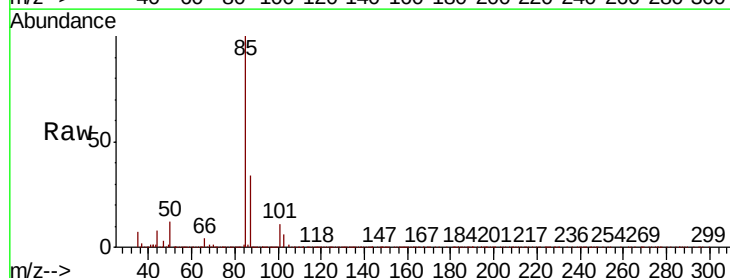
Acq: 10 Dec 2019 12:24

Tgt Ion: 85 Resp: 108909

Ion Ratio Lower Upper

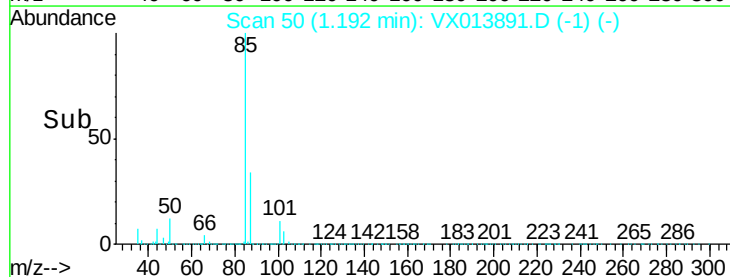
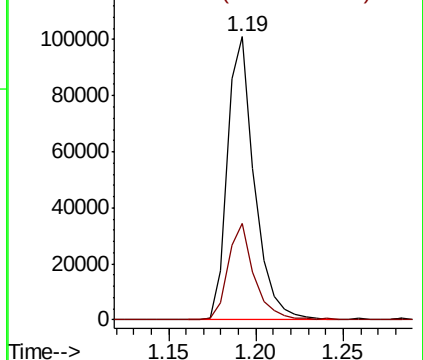
85 100

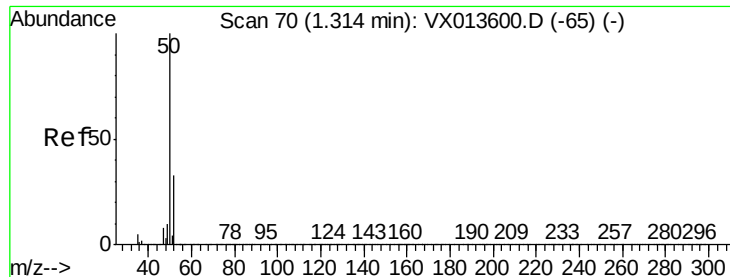
87 34.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.781 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 50 Resp: 126414

Ion Ratio Lower Upper

50 100

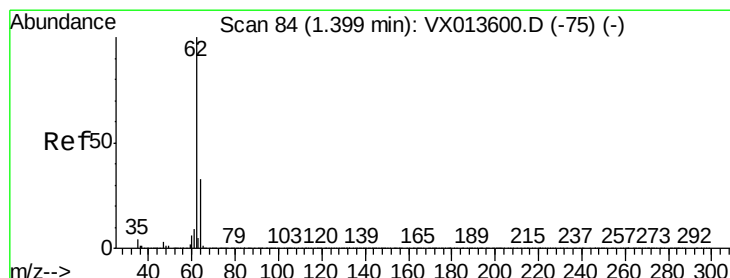
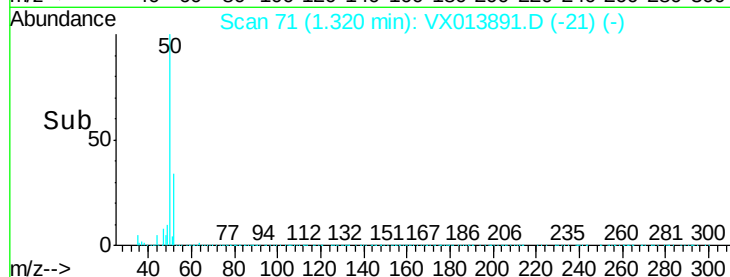
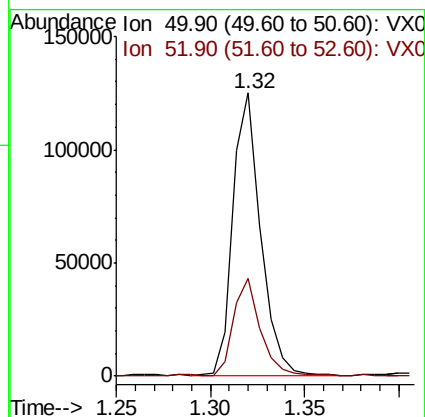
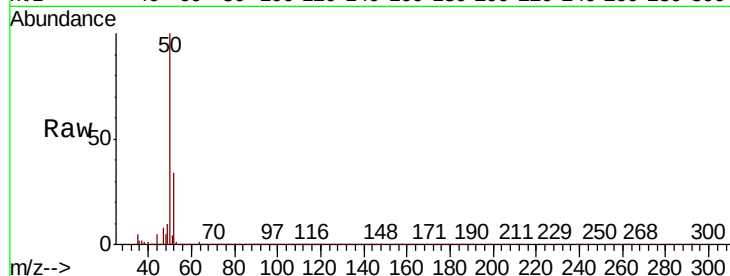
52 34.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.489 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013891.D

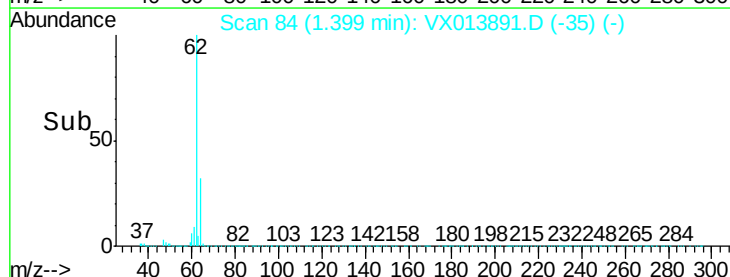
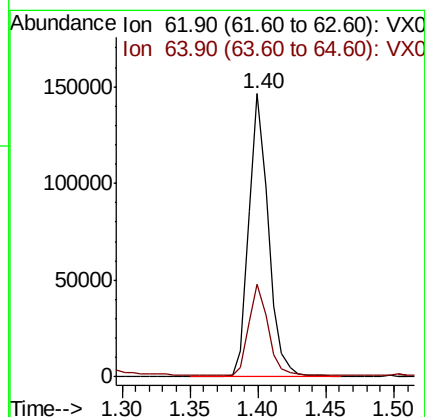
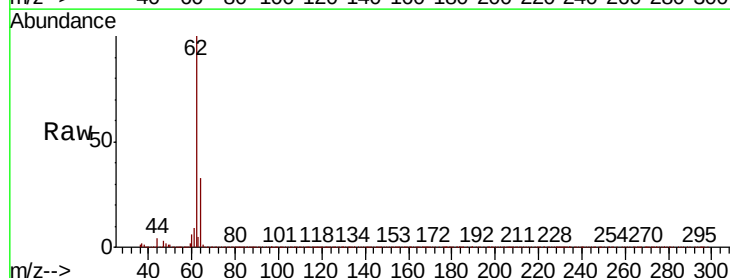
Acq: 10 Dec 2019 12:24

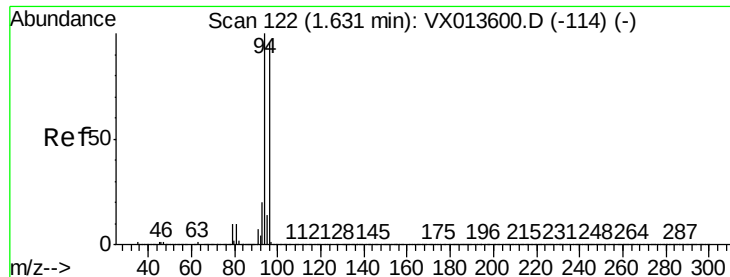
Tgt Ion: 62 Resp: 147646

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 17.741 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 94 Resp: 90262

Ion Ratio Lower Upper

94 100

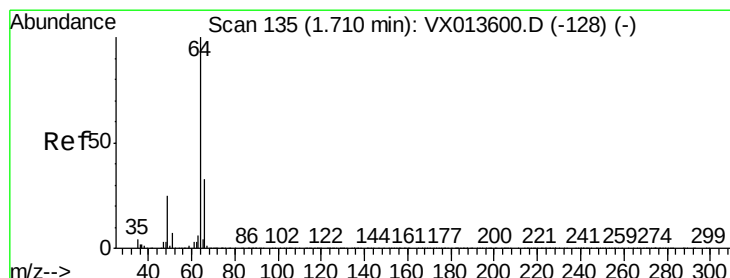
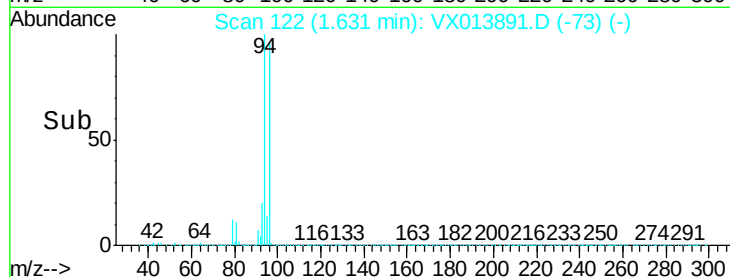
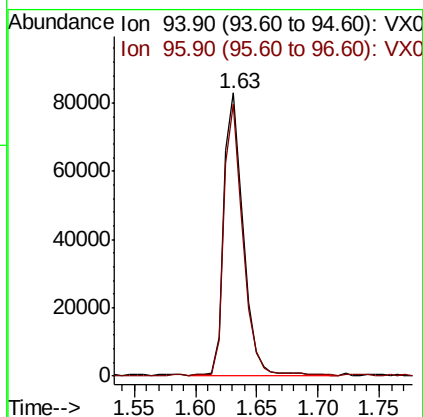
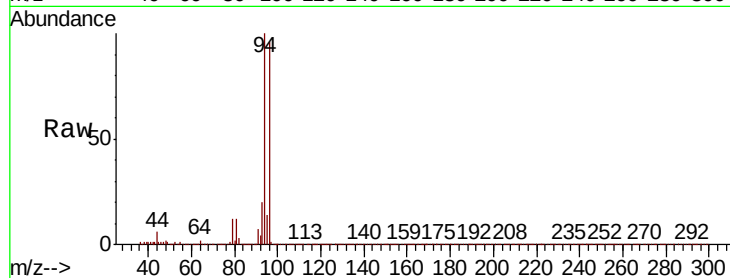
96 95.9 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 19.159 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013891.D

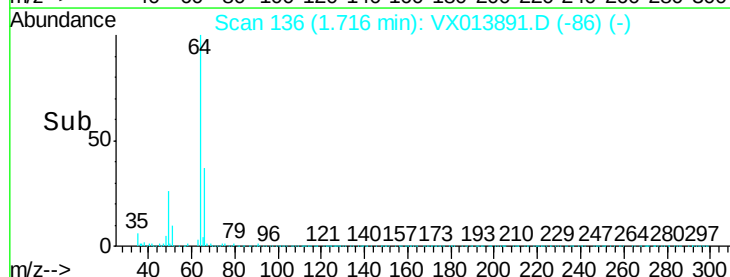
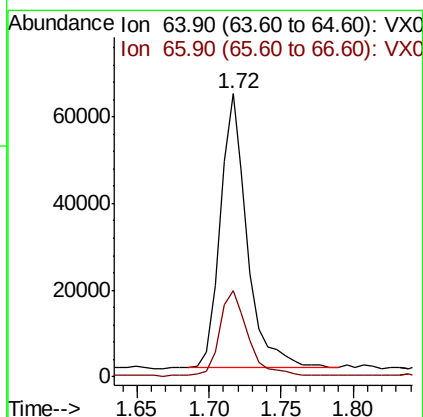
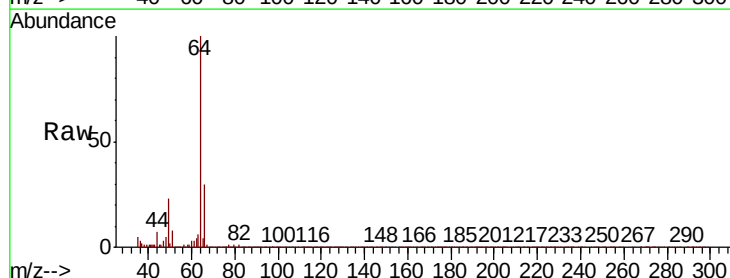
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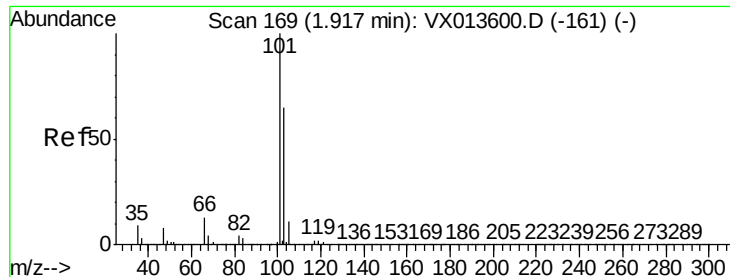
Tgt Ion: 64 Resp: 82595

Ion Ratio Lower Upper

64 100

66 30.9 26.7 40.1





#7

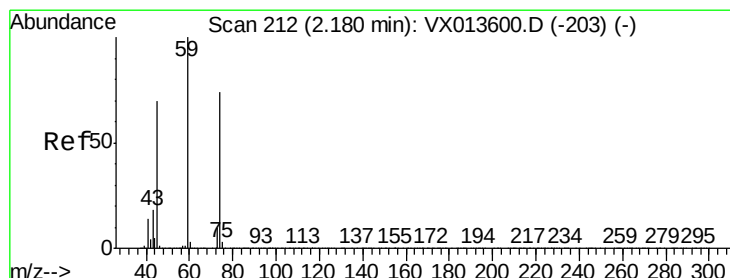
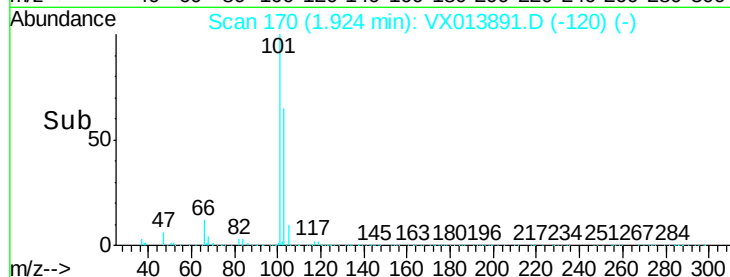
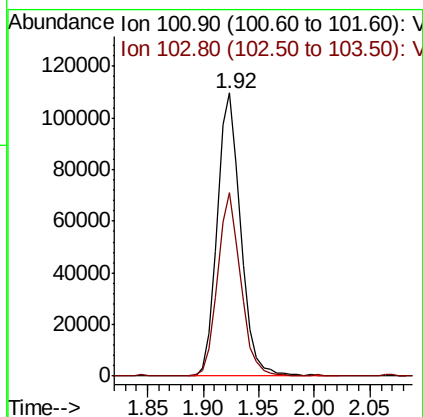
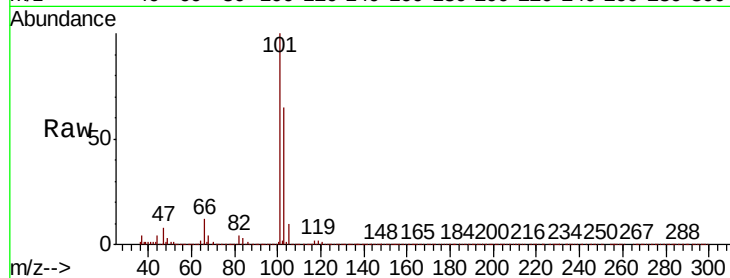
Trichlorofluoromethane
Concen: 19.023 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6

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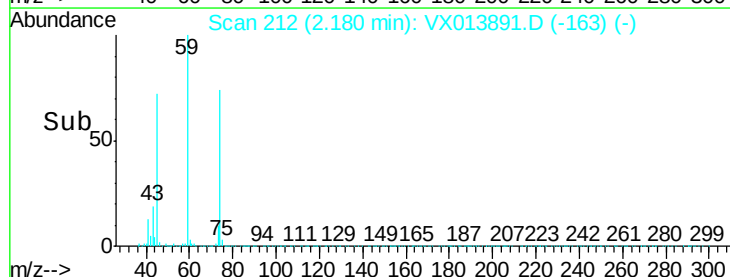
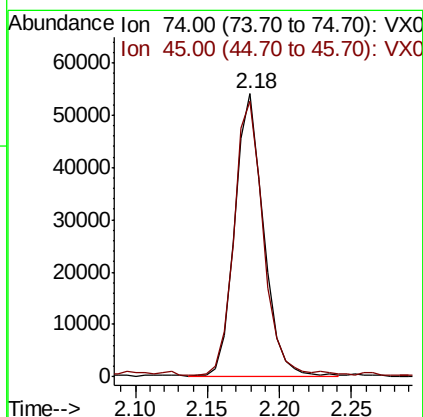
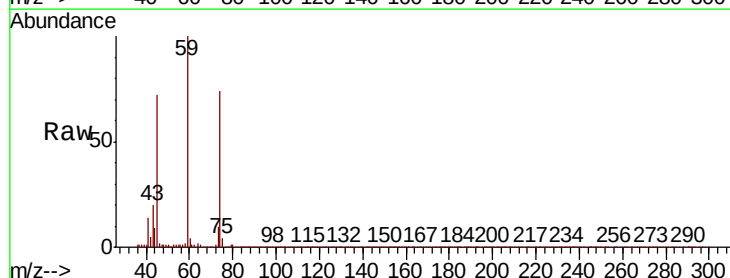
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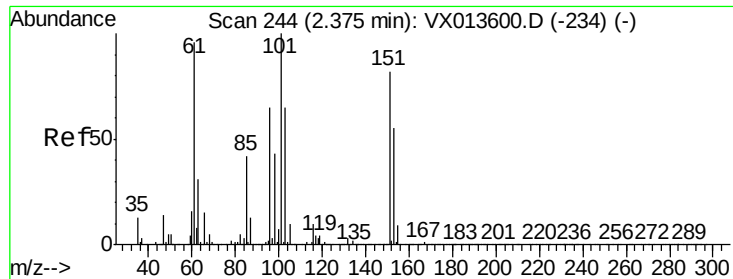


#8

Diethyl Ether
Concen: 19.707 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013891.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.179 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

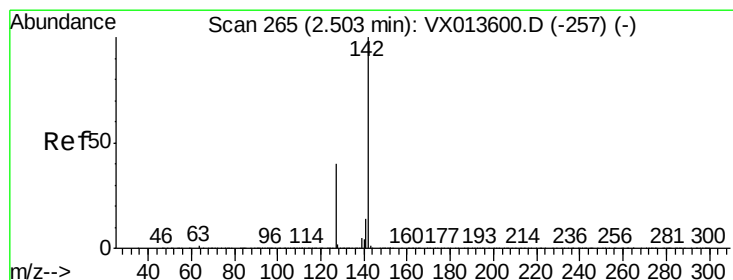
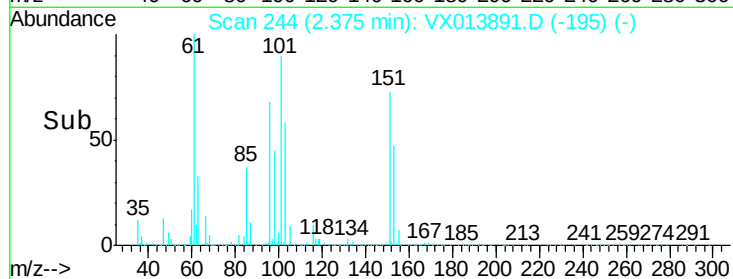
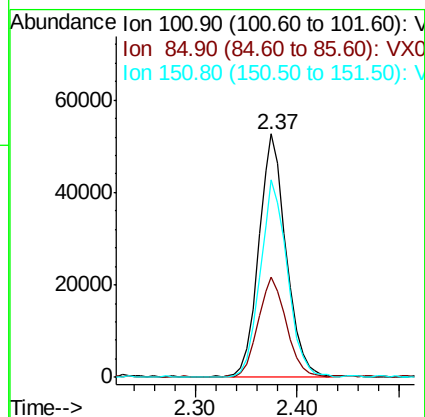
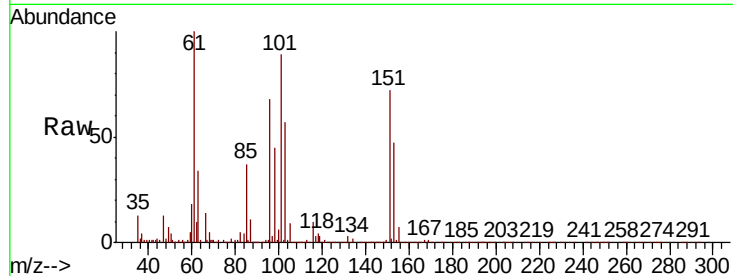
ClientSampleId :

VX1210WBS01

Tot Ion:	101	Resp:	98549
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.9	50.9
151	80.7	64.2	96.2

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#10

Methyl Iodide

Concen: 16.300 ug/l

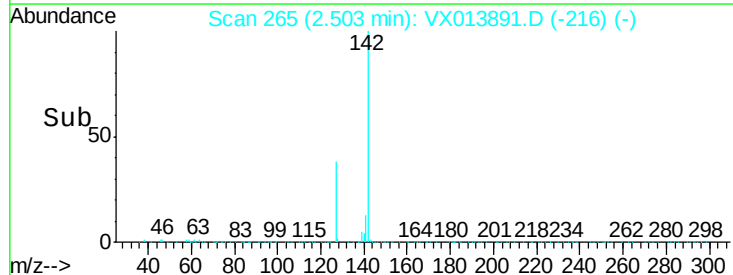
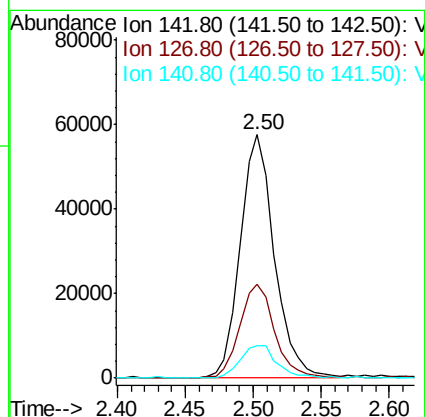
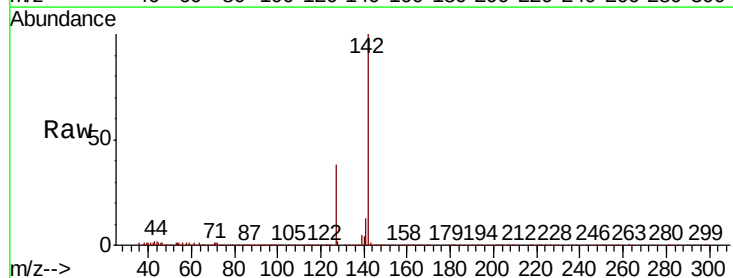
RT: 2.50 min Scan# 265

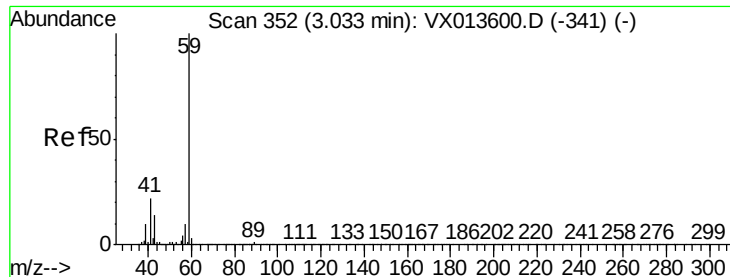
Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	142	Resp:	101317
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.0	46.4
141	13.9	11.6	17.4





#11

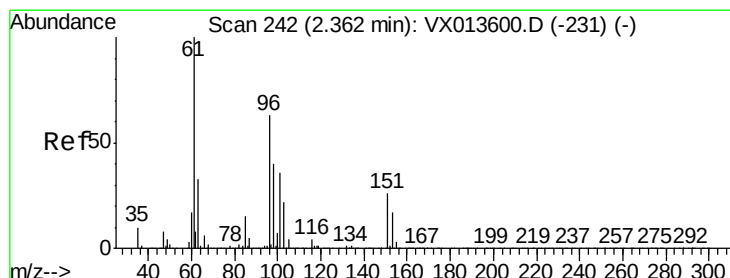
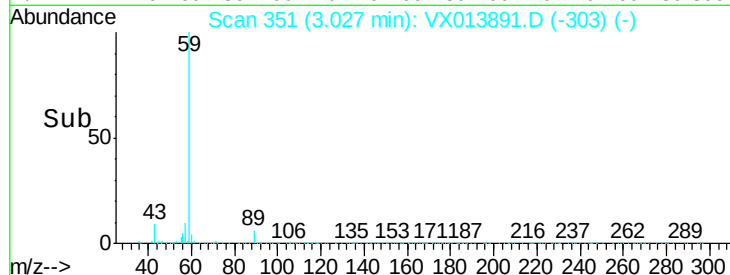
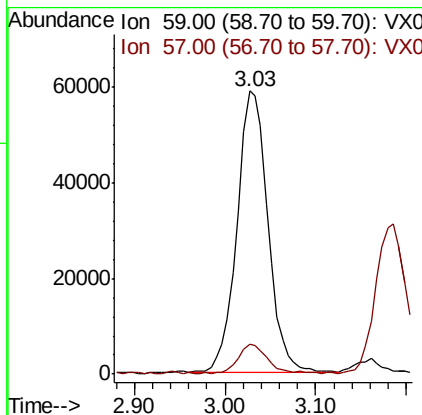
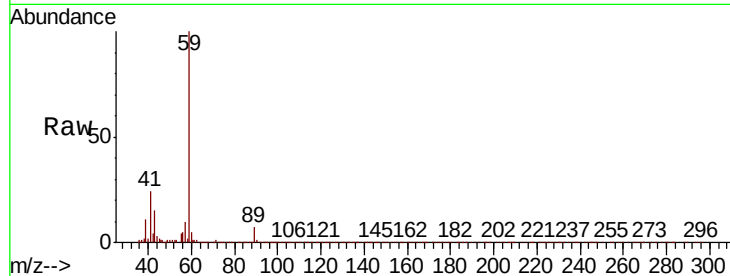
Tert butyl alcohol
Concen: 90.919 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.6

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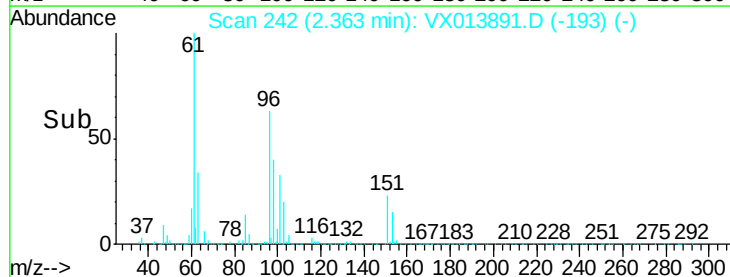
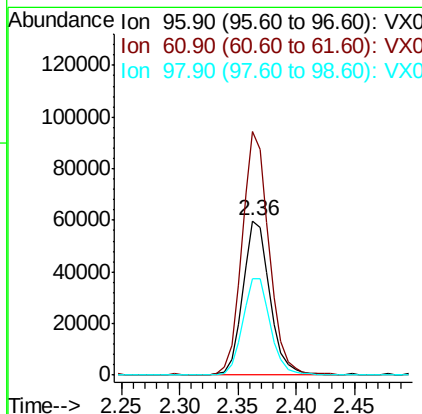
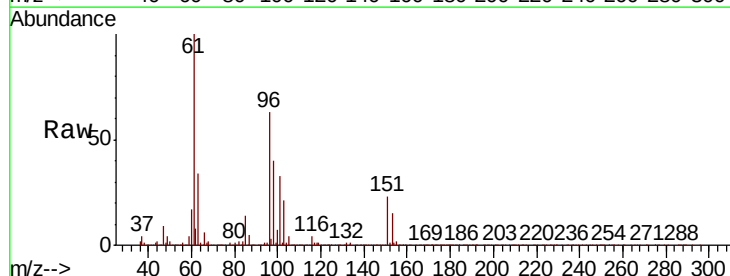
apatel
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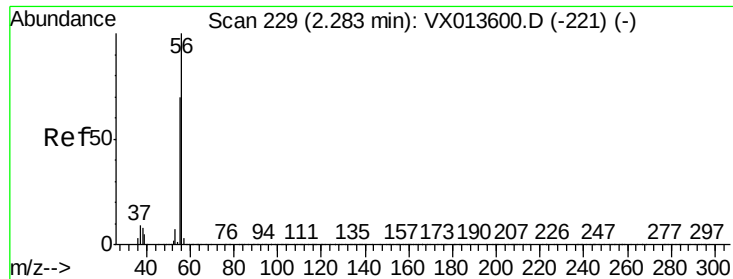


#12

1,1-Dichloroethene
Concen: 18.741 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	126.6	190.0
98	62.8	50.6	76.0





#13

Acrolein

Concen: 107.041 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 56 Resp: 106909

Ion Ratio Lower Upper

56 100

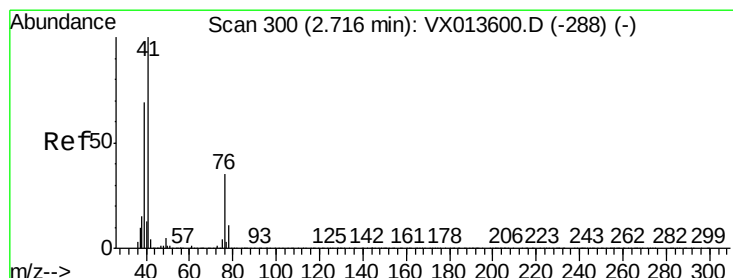
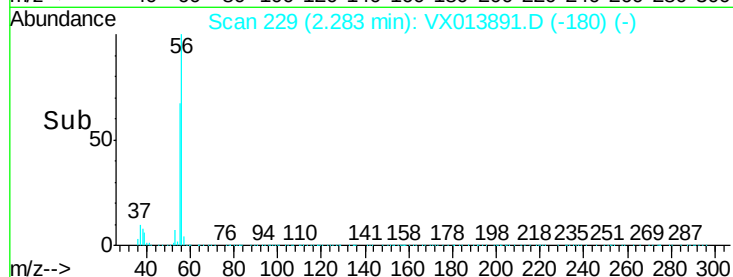
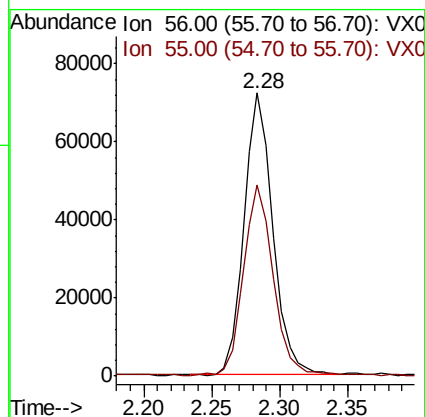
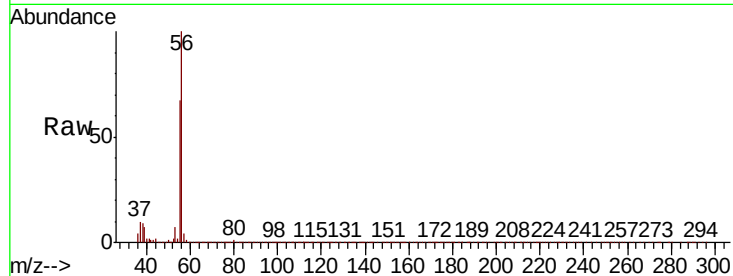
55 69.7 56.2 84.4

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#14

Allyl chloride

Concen: 18.629 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

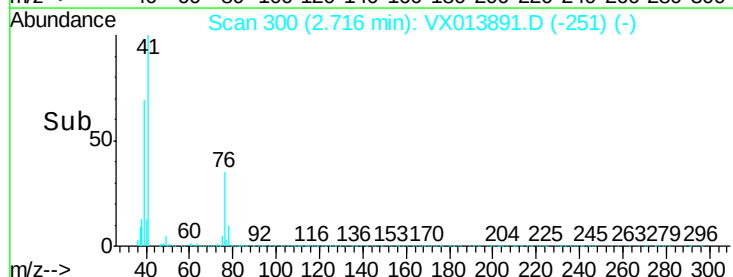
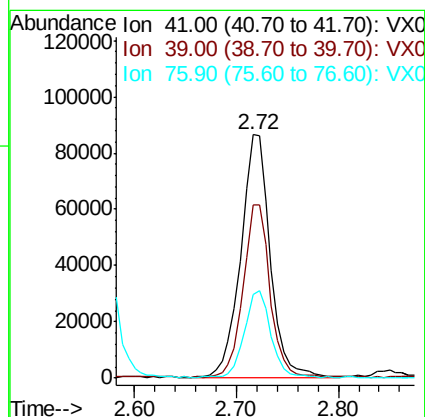
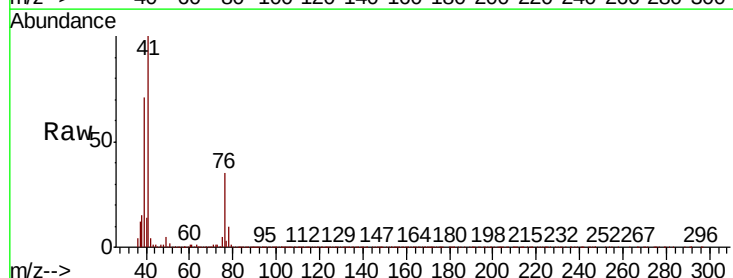
Tgt Ion: 41 Resp: 173394

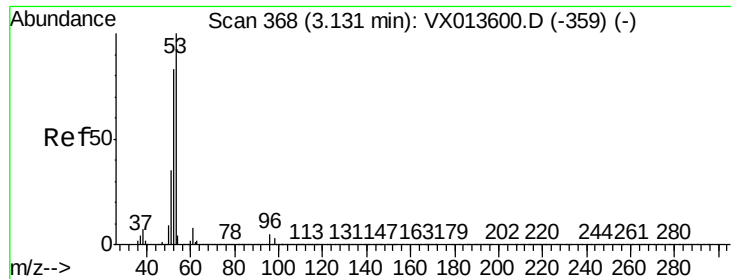
Ion Ratio Lower Upper

41 100

39 64.6 51.7 77.5

76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 98.254 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

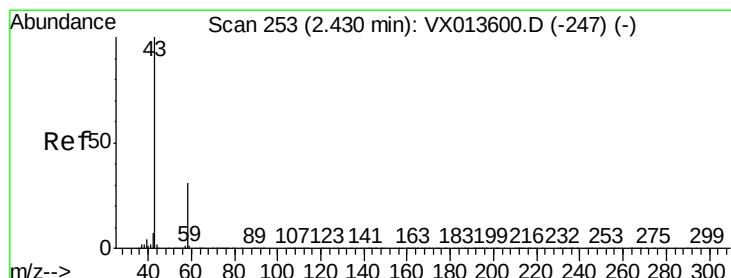
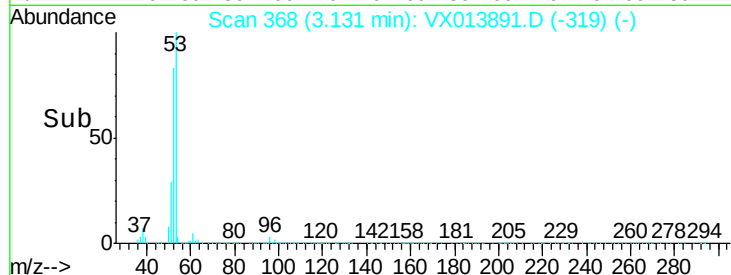
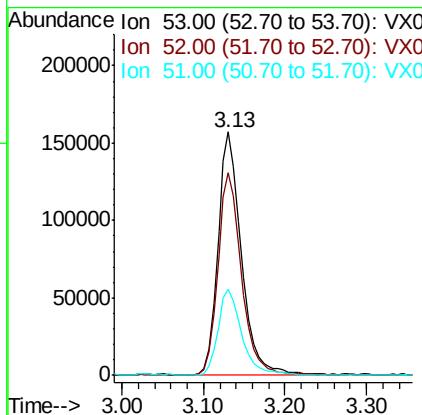
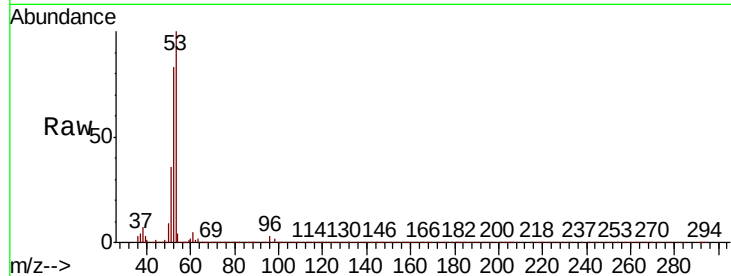
ClientSampleId :

VX1210WBS01

Tot Ion:	53	Resp:	313180
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.2
51	35.7	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 98.251 ug/l

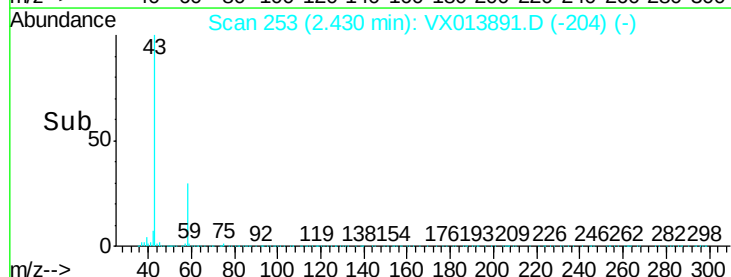
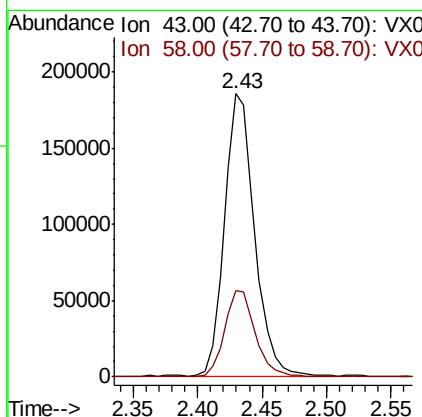
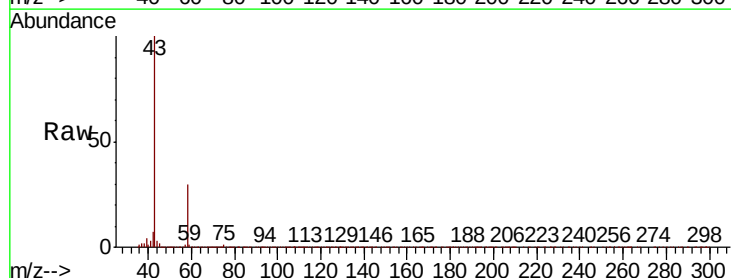
RT: 2.43 min Scan# 253

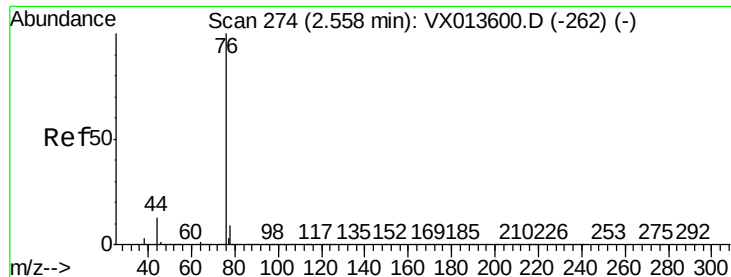
Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	43	Resp:	303465
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.6	36.8





#17

Carbon Disulfide

Concen: 15.917 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 76 Resp: 232733

Ion Ratio Lower Upper

76 100

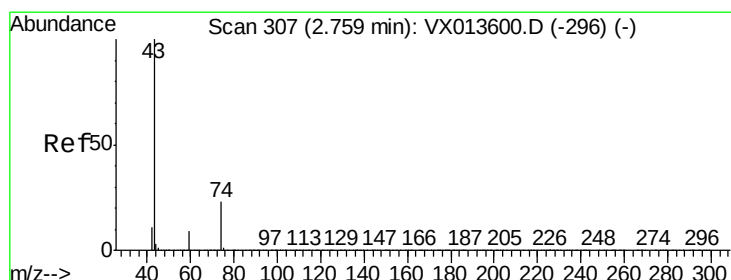
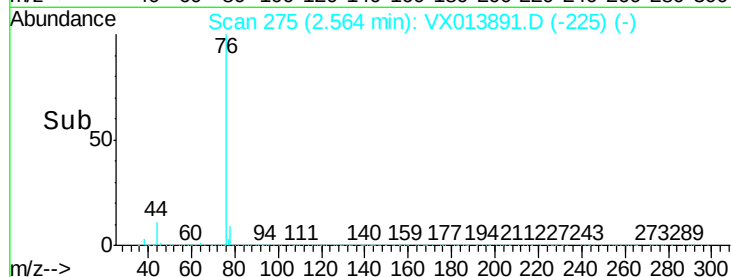
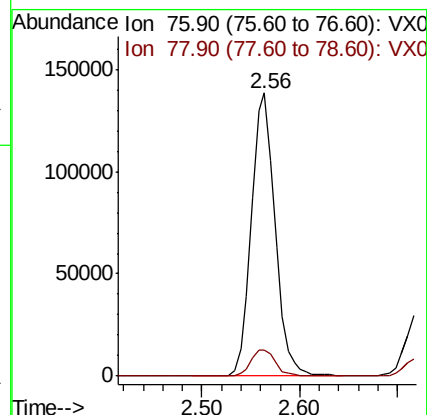
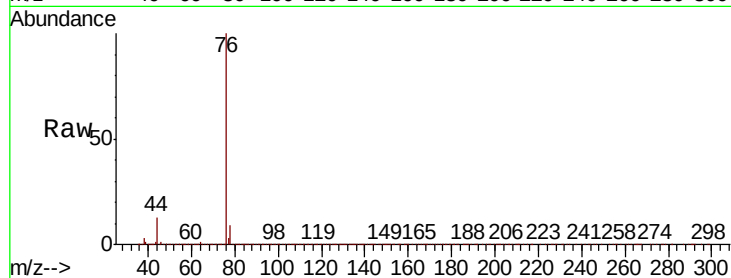
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 21.912 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013891.D

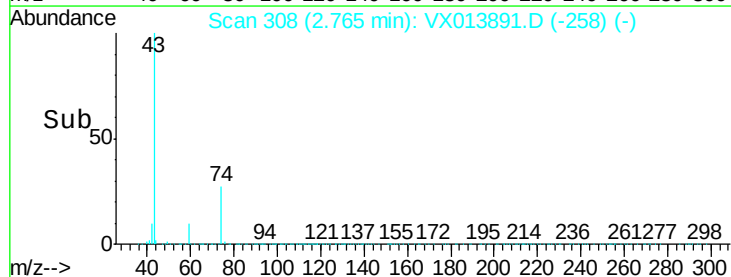
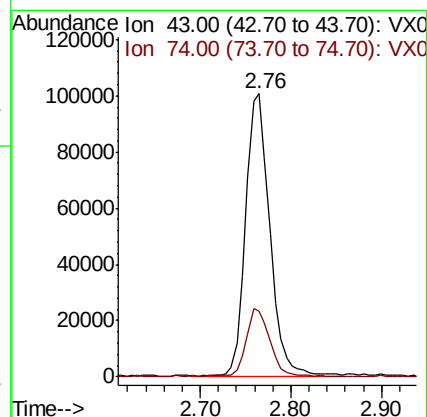
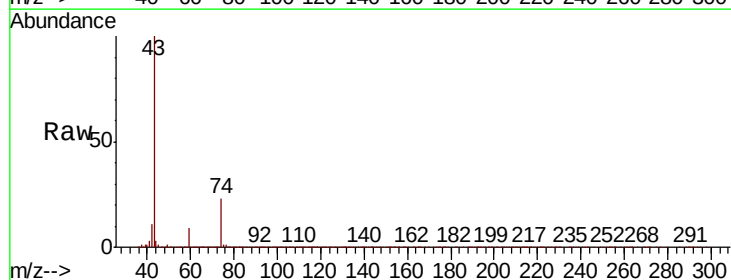
Acq: 10 Dec 2019 12:24

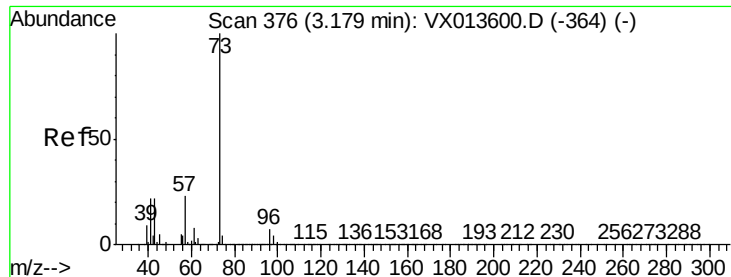
Tgt Ion: 43 Resp: 188459

Ion Ratio Lower Upper

43 100

74 23.2 19.5 29.3





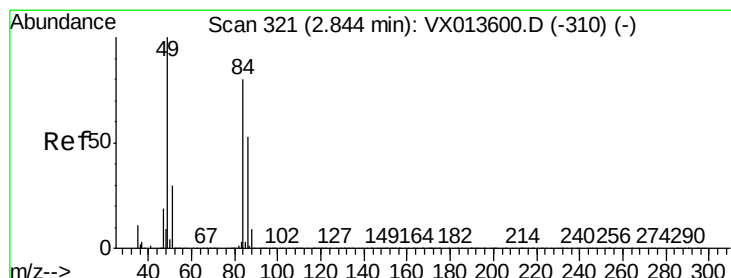
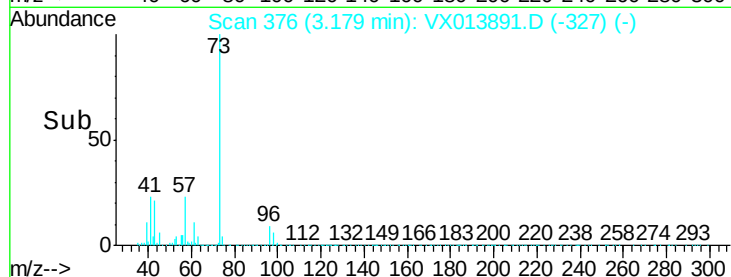
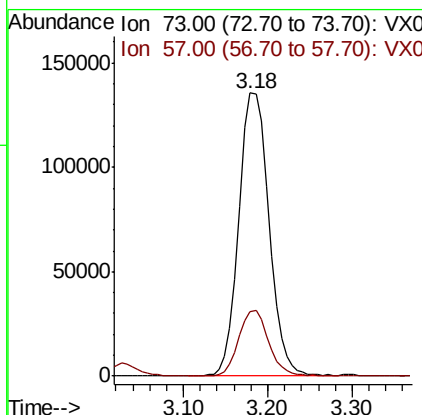
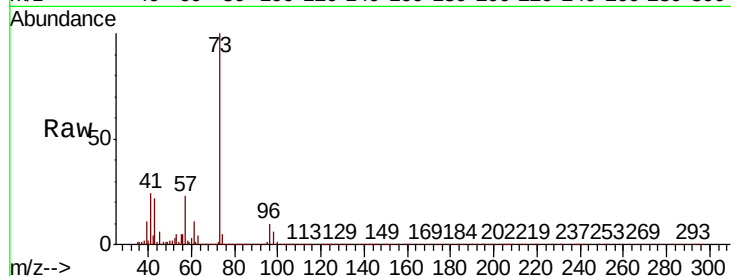
#19
Methyl tert-butyl Ether
Concen: 19.398 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.3	27.5

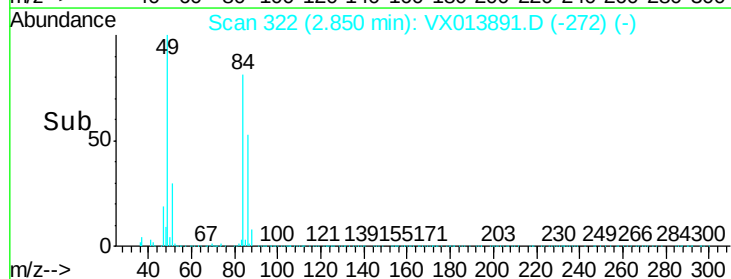
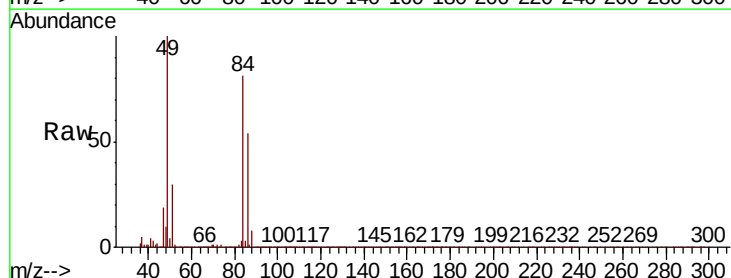
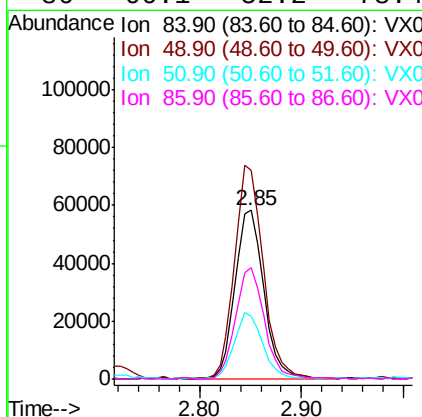
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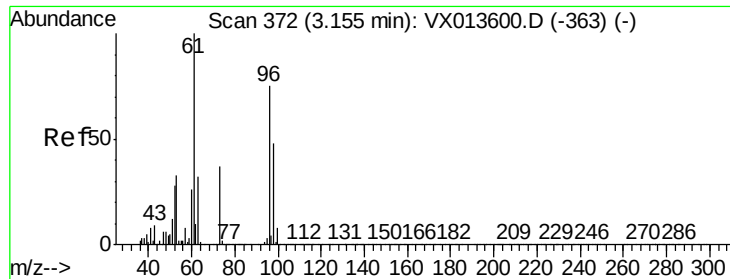
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#20
Methylene Chloride
Concen: 19.262 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	99.7	149.5
51	36.6	29.9	44.9
86	66.1	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.992 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

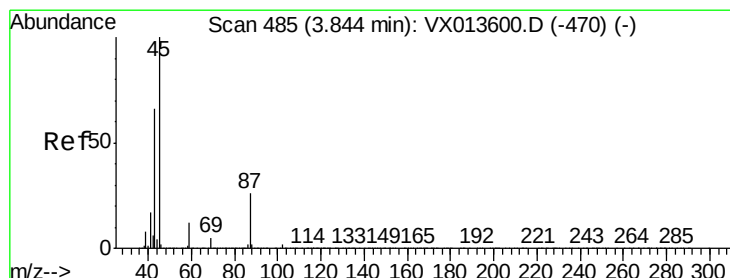
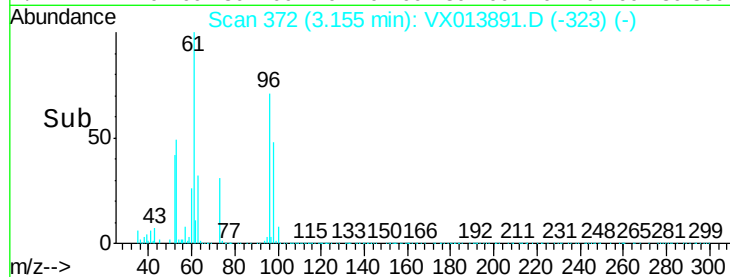
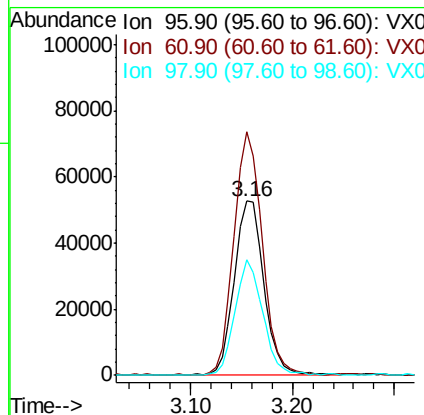
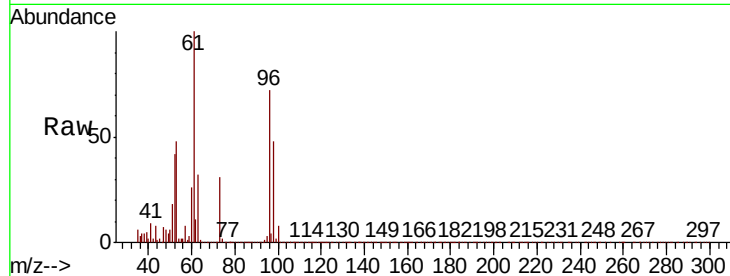
ClientSampleId :

VX1210WBS01

Tot Ion:	96	Resp:	106119
Ion	Ratio	Lower	Upper
96	100		
61	139.3	107.2	160.8
98	66.1	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.478 ug/l

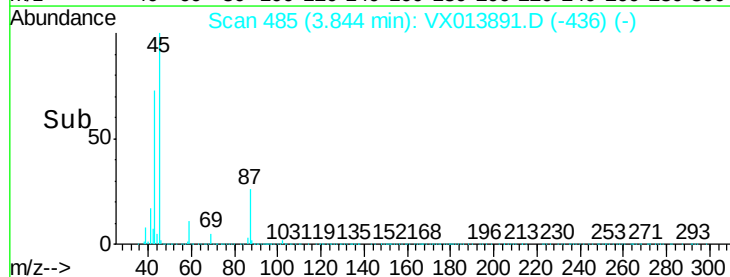
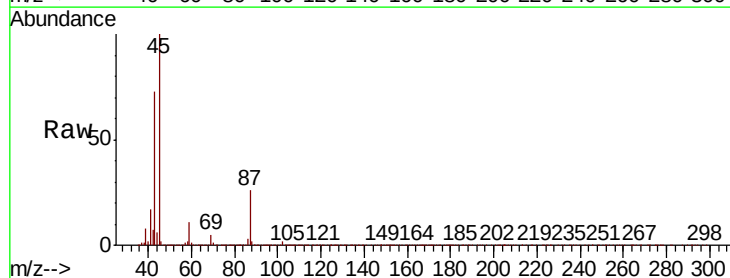
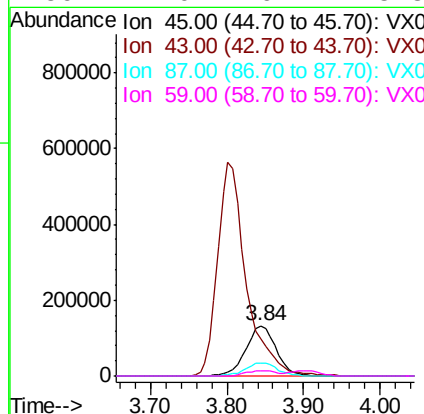
RT: 3.84 min Scan# 485

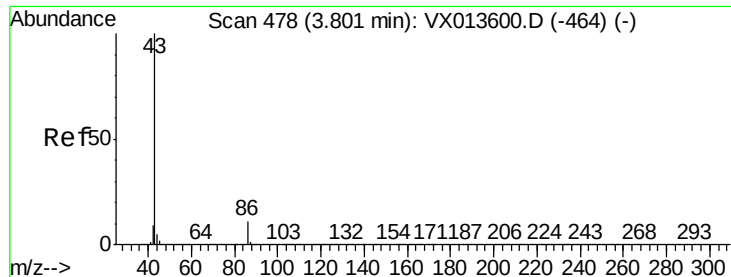
Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	45	Resp:	367023
Ion	Ratio	Lower	Upper
45	100		
43	72.3	52.6	79.0
87	25.9	21.1	31.7
59	11.0	9.2	13.8





#23

Vinyl Acetate

Concen: 97.951 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 43 Resp: 1460424

Ion Ratio Lower Upper

43 100

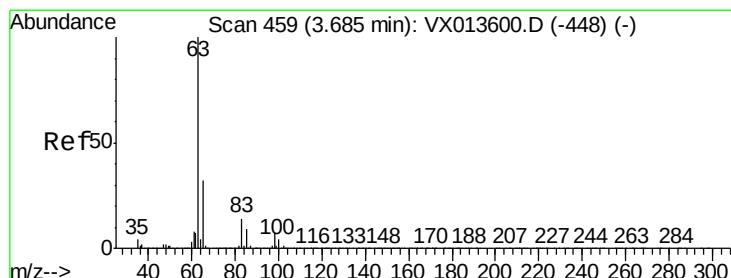
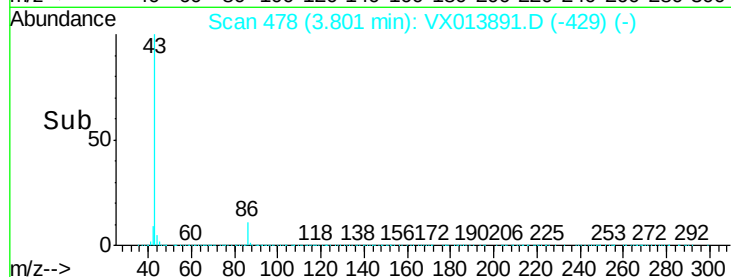
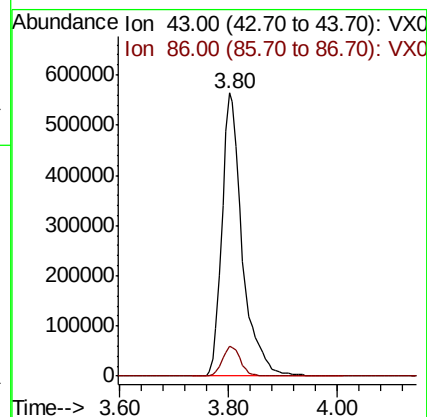
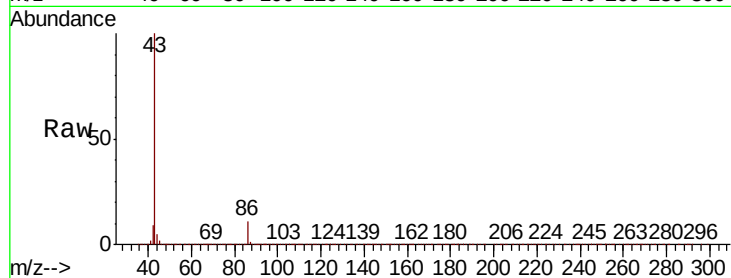
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 20.066 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

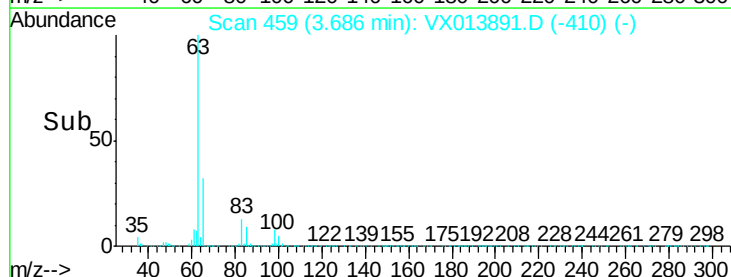
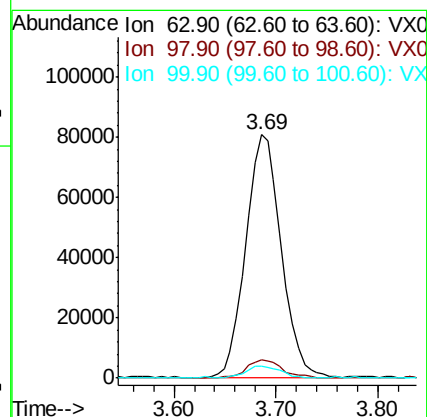
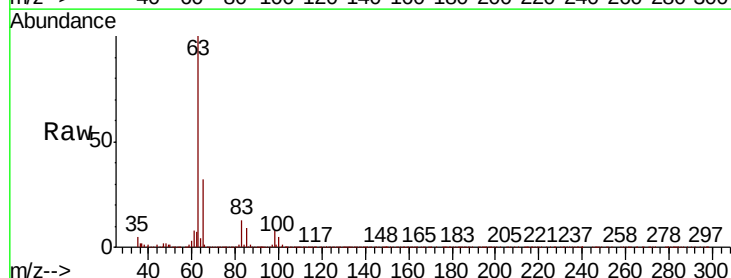
Tgt Ion: 63 Resp: 196604

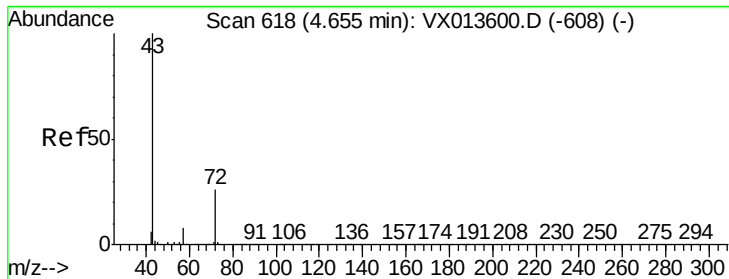
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 97.743 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 43 Resp: 448671

Ion Ratio Lower Upper

43 100

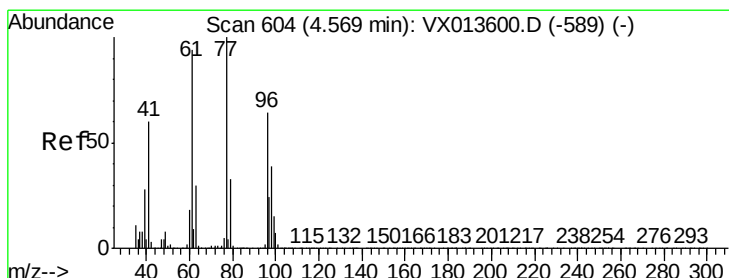
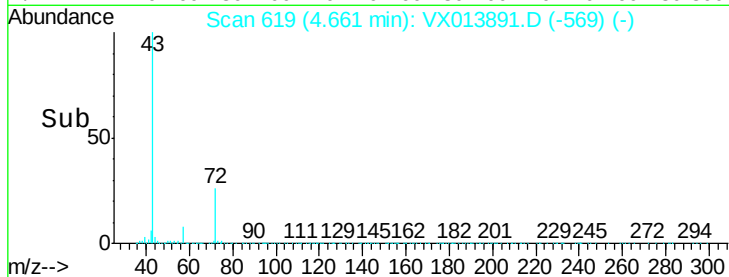
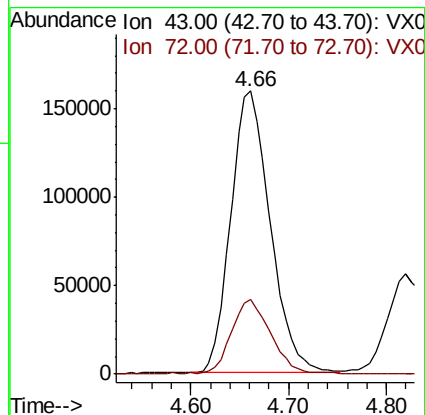
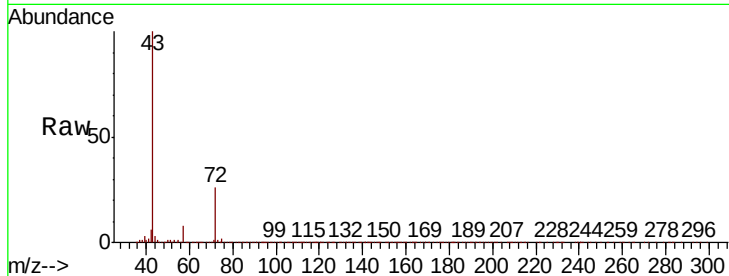
72 26.0 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 18.071 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013891.D

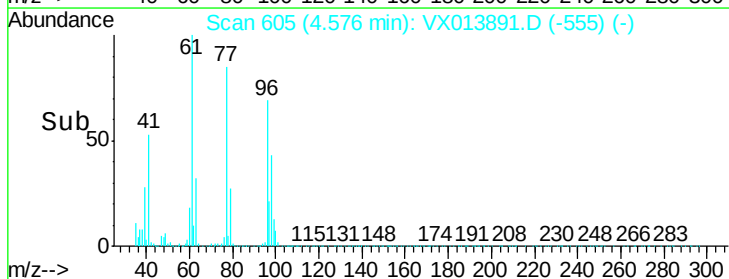
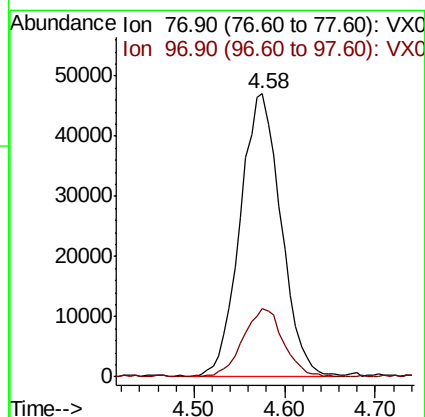
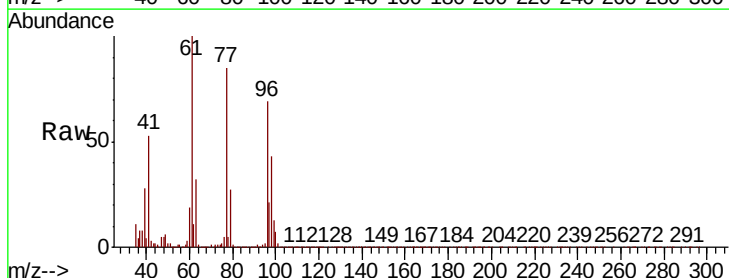
Acq: 10 Dec 2019 12:24

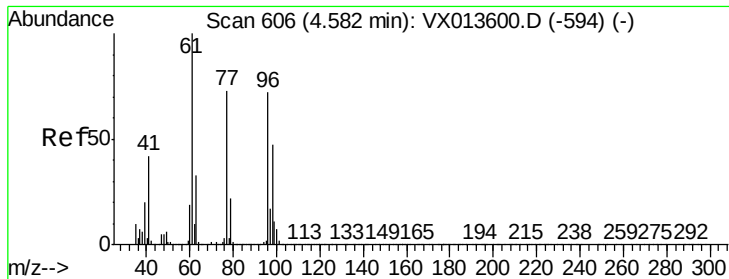
Tgt Ion: 77 Resp: 146486

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1





#27

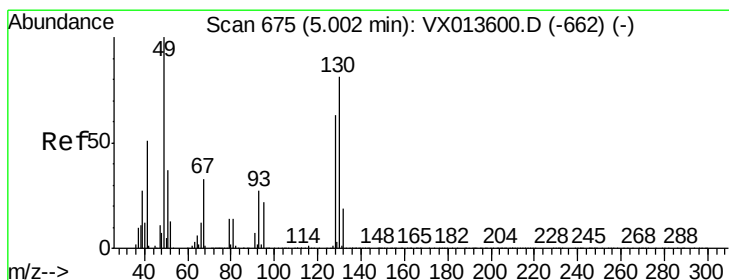
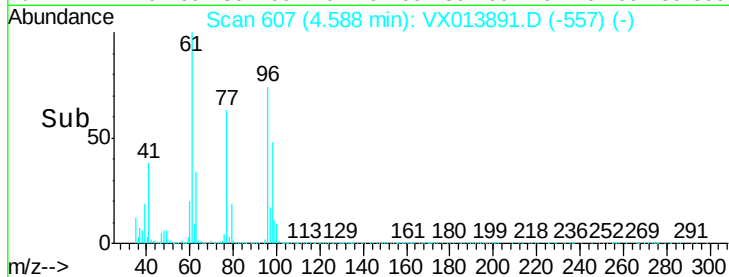
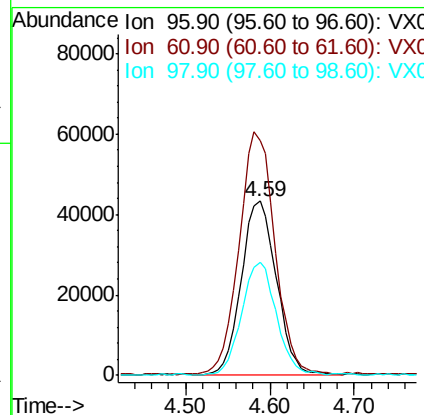
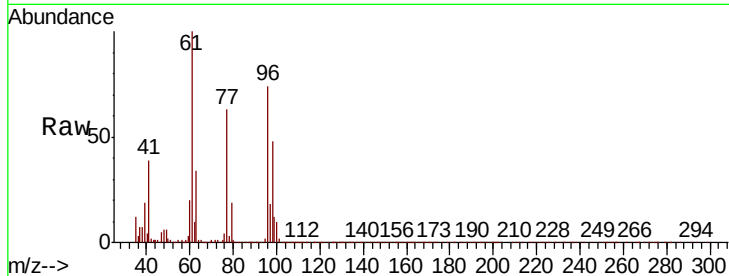
cis-1,2-Dichloroethene
Concen: 18.990 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	286.4
98	63.1	0.0	127.4

Manual Integrations
APPROVED

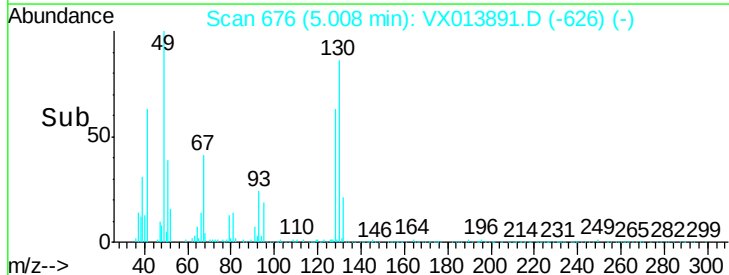
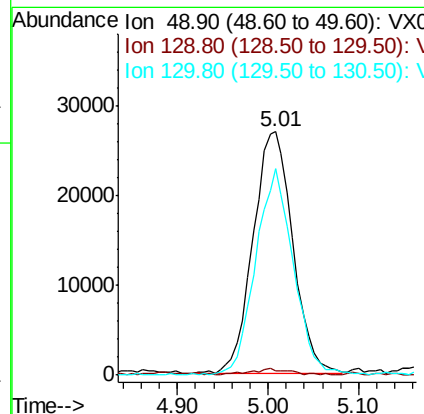
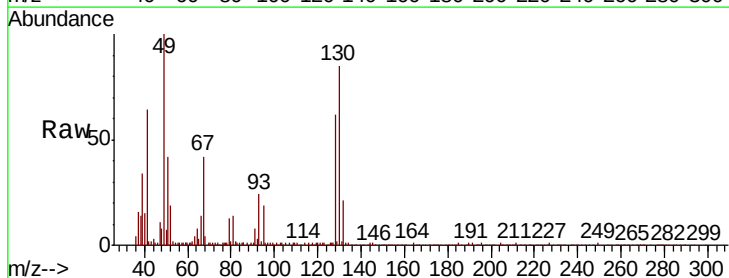
apatel
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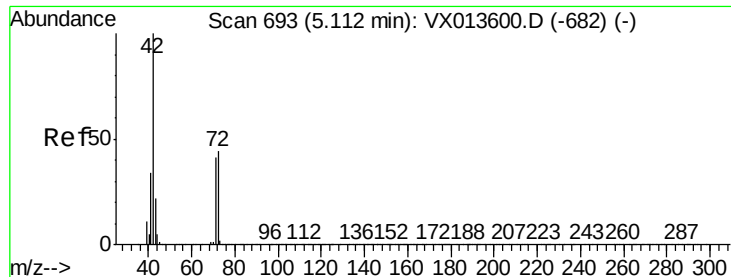


#28

Bromochloromethane
Concen: 21.149 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	80.3	65.4	98.0





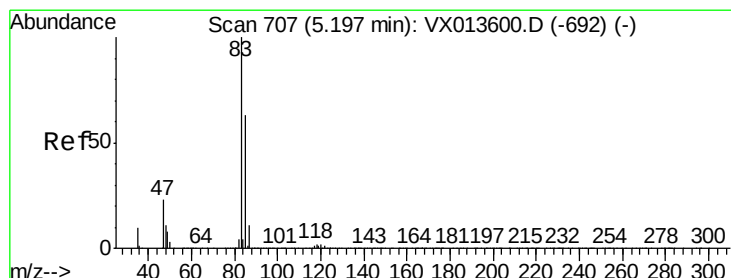
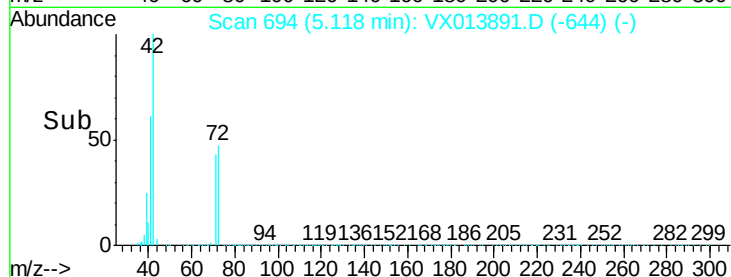
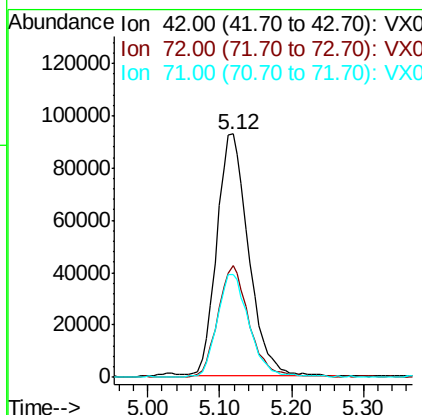
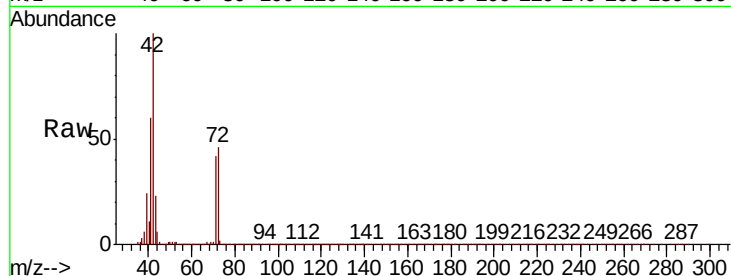
#29
Tetrahydrofuran
Concen: 100.155 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion:	42	Resp:	283419
Ion Ratio		Lower	Upper
42	100		
72	45.1	36.3	54.5
71	42.4	33.2	49.8

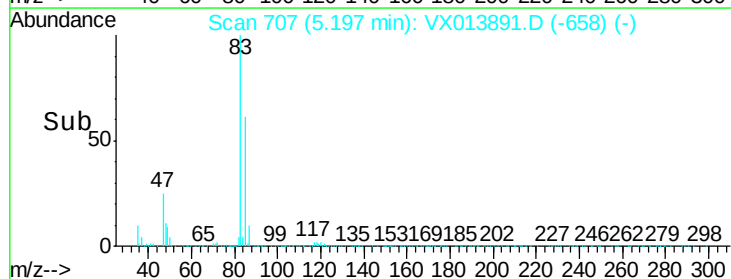
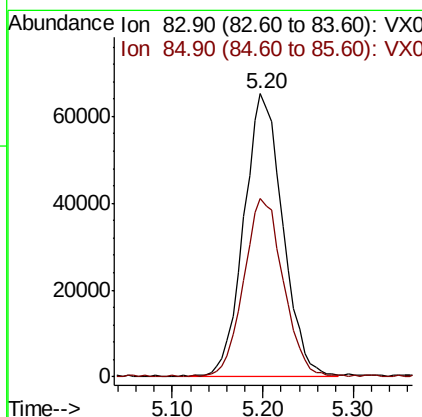
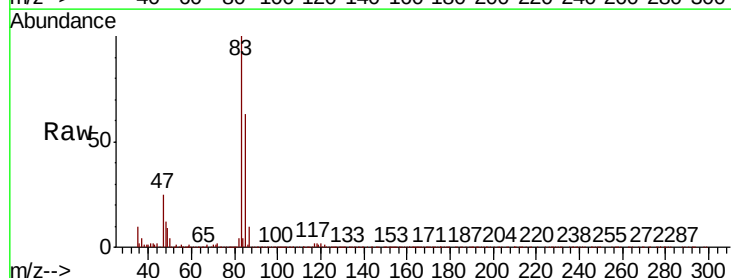
Manual Integrations
APPROVED

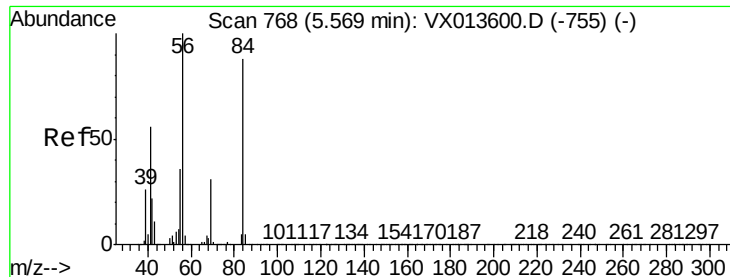
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#30
Chloroform
Concen: 19.313 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion:	83	Resp:	191905
Ion Ratio		Lower	Upper
83	100		
85	62.8	50.2	75.4





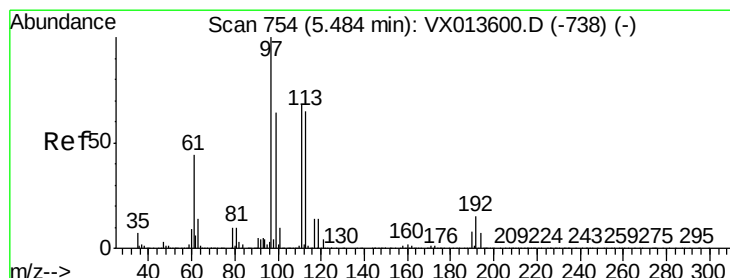
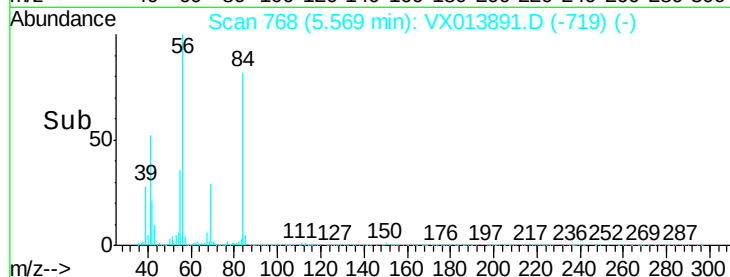
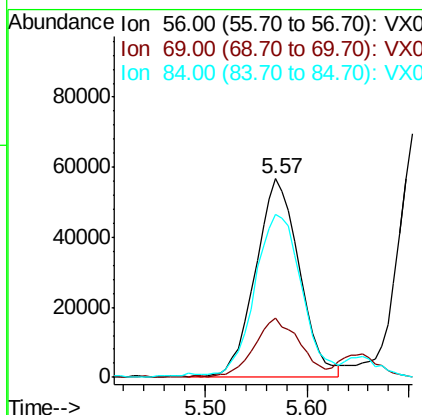
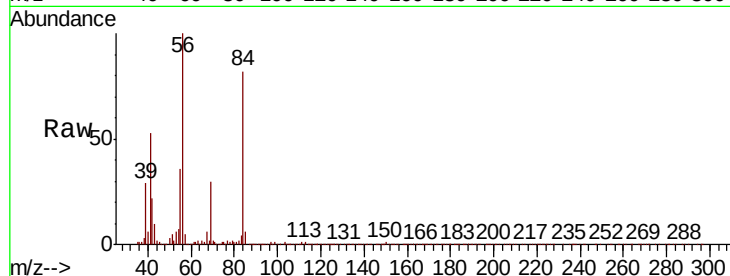
#31
Cyclohexane
Concen: 18.306 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.6	36.8
84	79.9	70.0	105.0

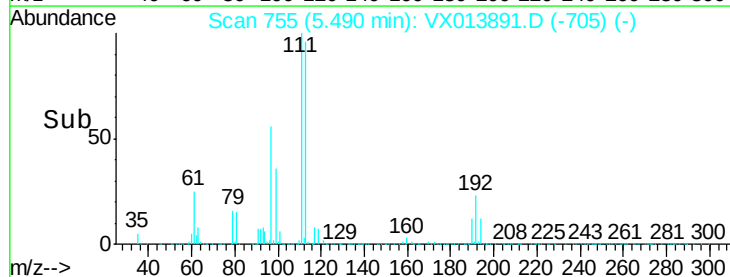
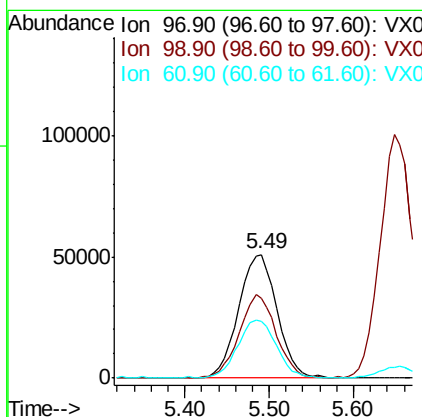
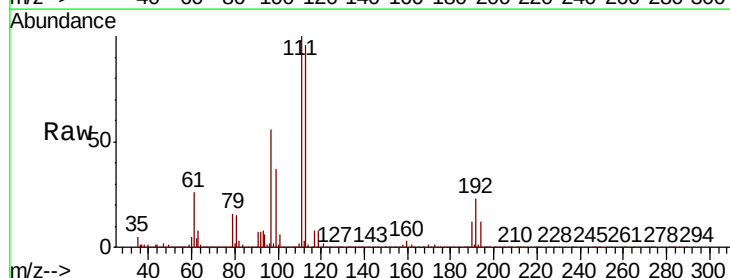
Manual Integrations
APPROVED

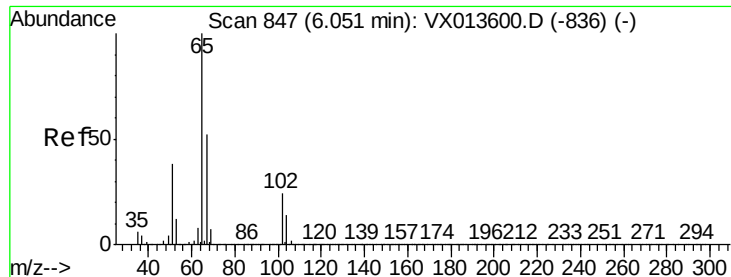
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#32
1,1,1-Trichloroethane
Concen: 18.764 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.6	77.4
61	46.9	36.1	54.1





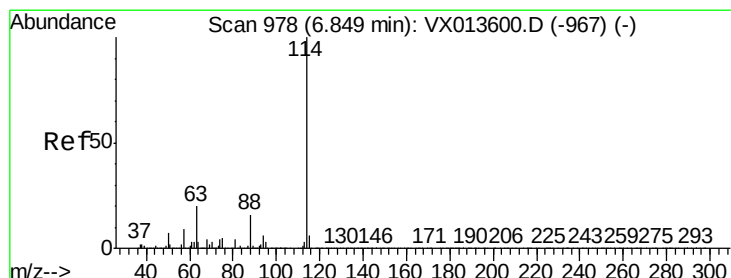
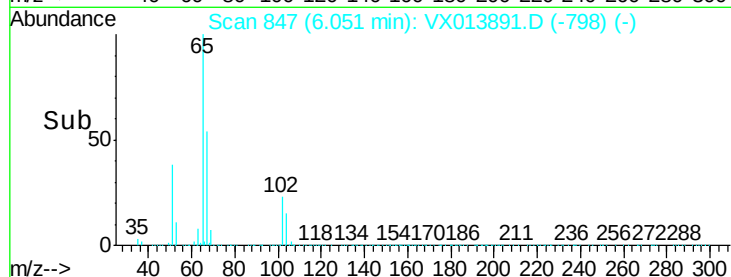
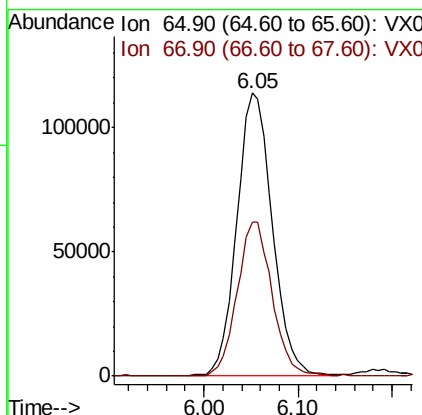
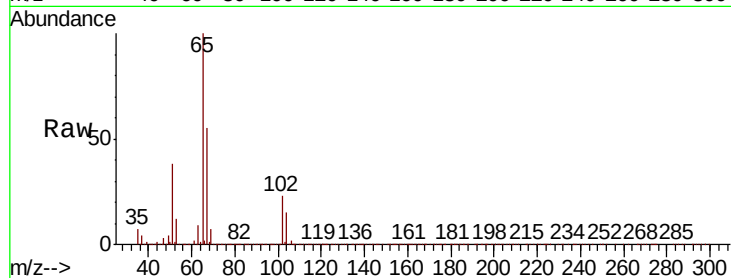
#33
 1,2-Dichloroethane-d4
 Concen: 47.750 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	298722		
67	54.3	0.0	104.4	

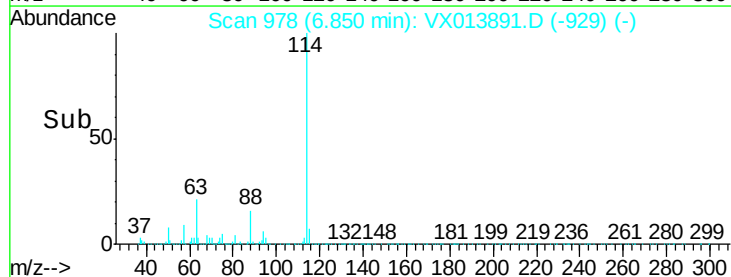
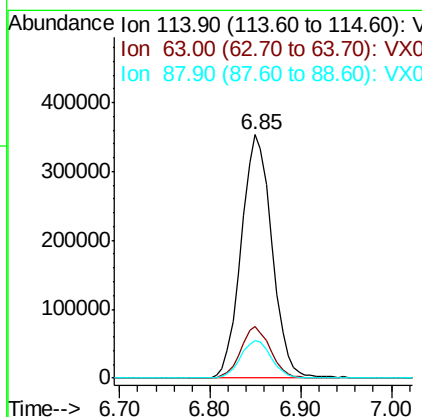
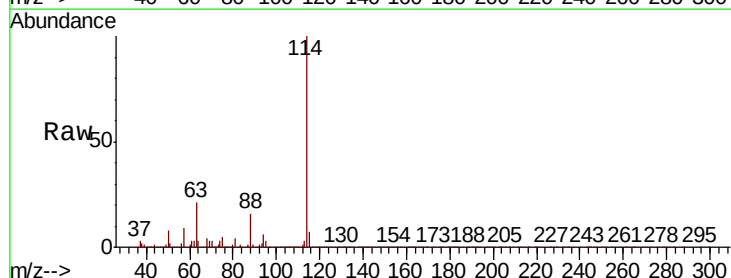
Manual Integrations
 APPROVED

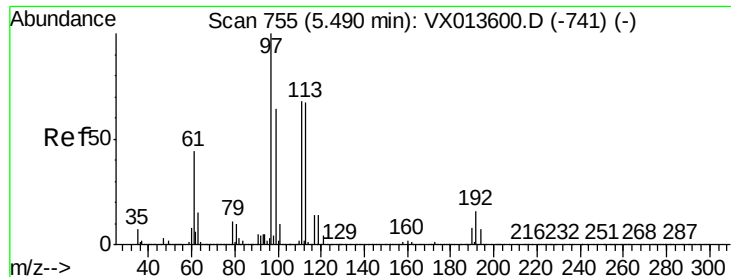
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	828865		
63	20.9	0.0	39.6	
88	15.5	0.0	31.4	





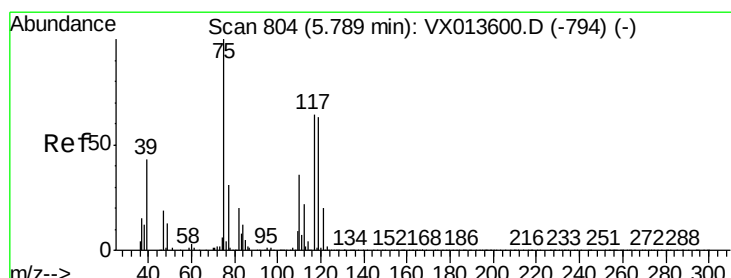
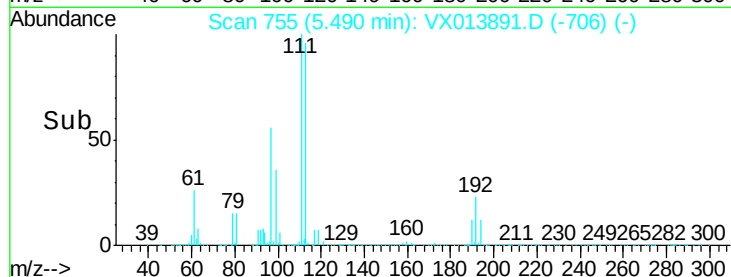
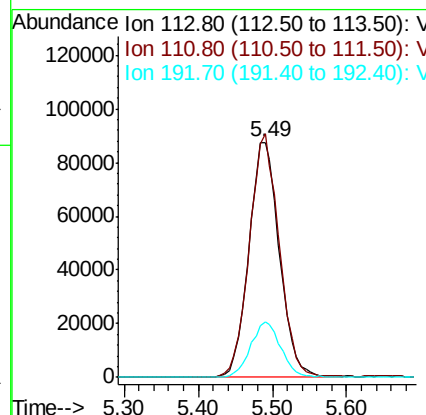
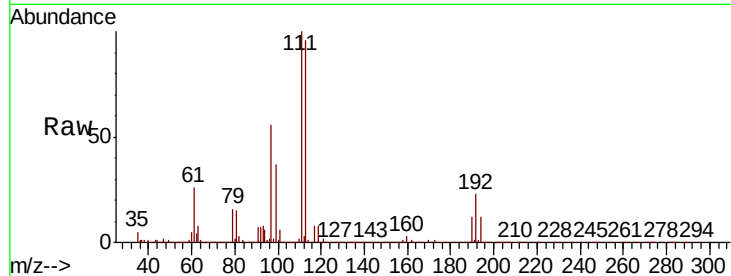
#35
Dibromofluoromethane
Concen: 49.342 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	252834		
111	101.0	83.6	125.4	
192	23.1	19.2	28.8	

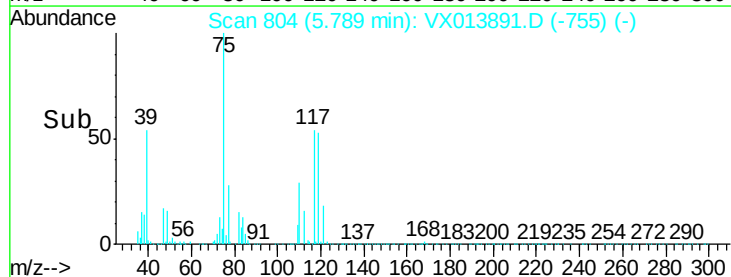
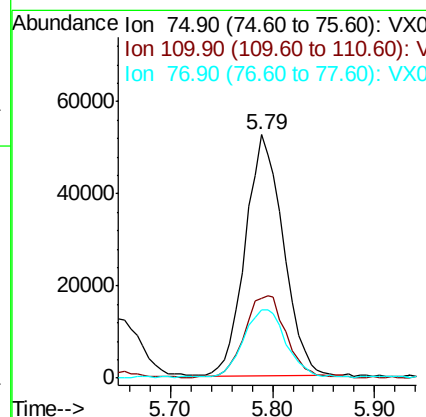
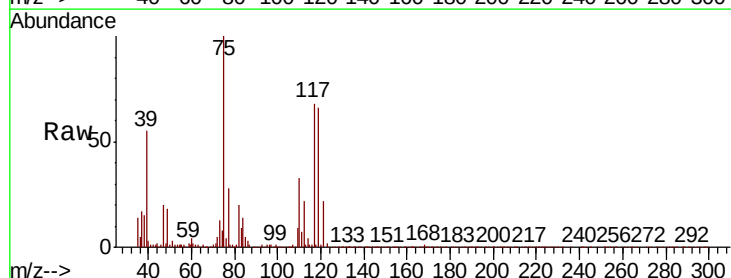
Manual Integrations
APPROVED

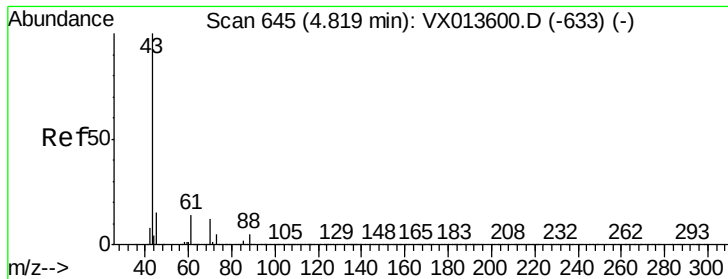
apatel
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#36
1,1-Dichloropropene
Concen: 18.051 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135818		
110	37.7	18.1	54.1	
77	31.0	24.5	36.7	





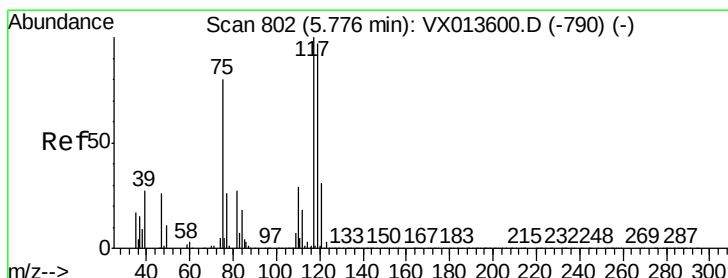
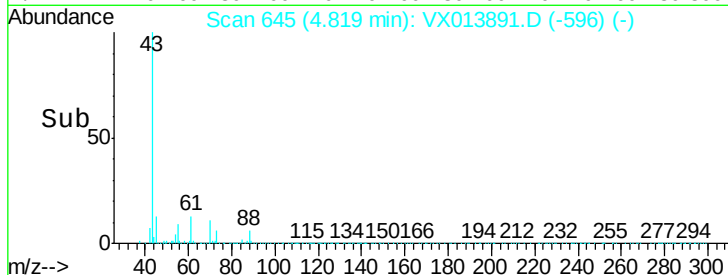
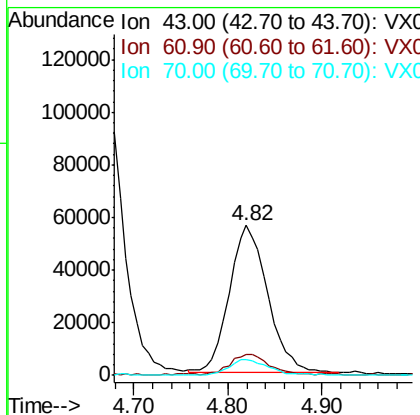
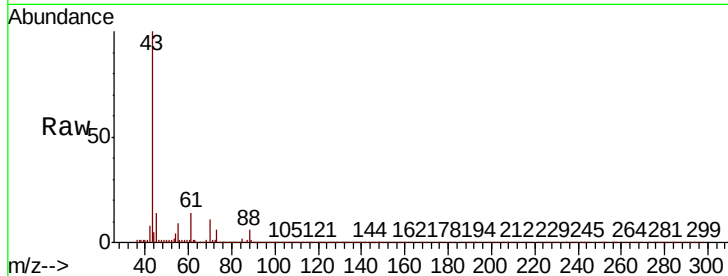
#37
Ethyl Acetate
Concen: 18.961 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.1	8.6	12.8

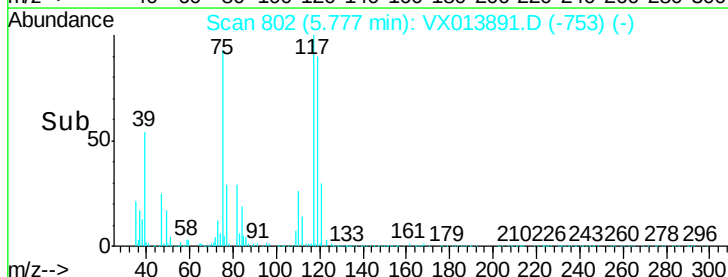
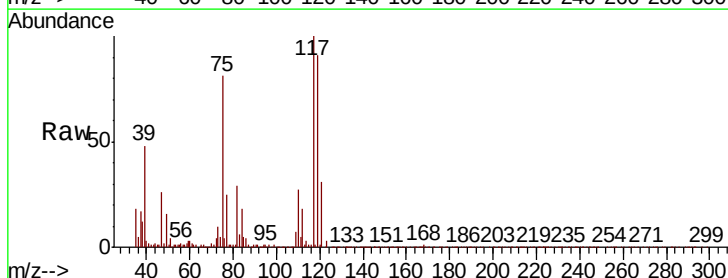
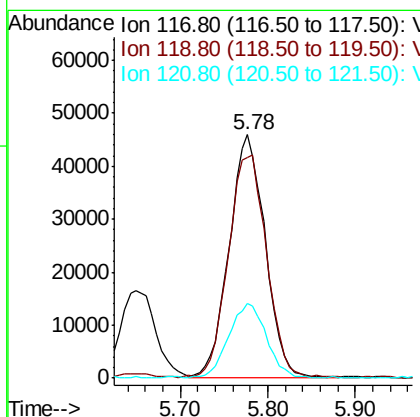
Manual Integrations
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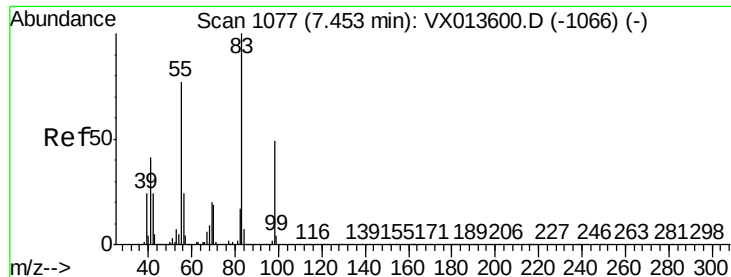
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#38
Carbon Tetrachloride
Concen: 18.797 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	77.5	116.3
121	30.4	25.0	37.6





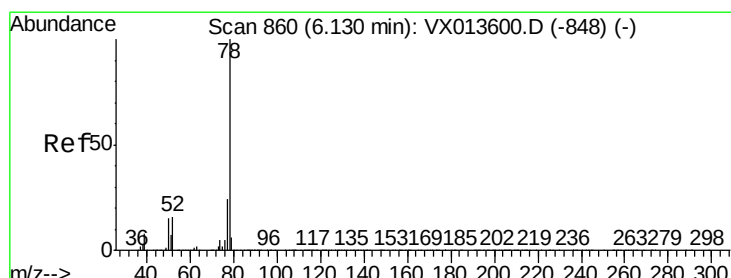
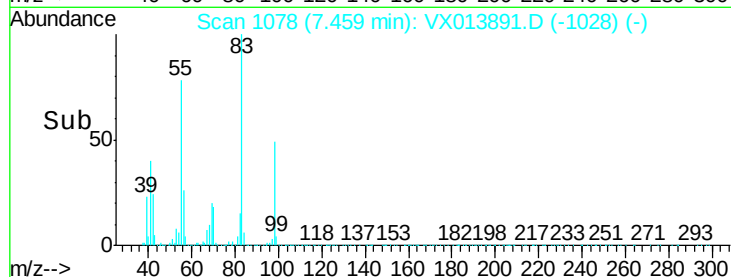
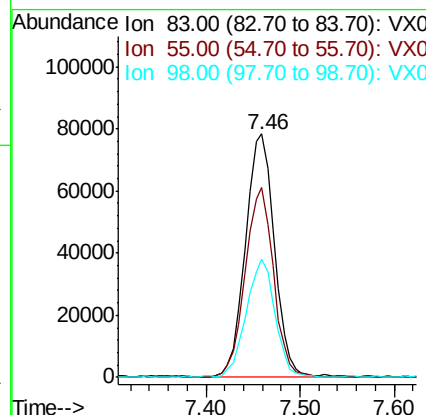
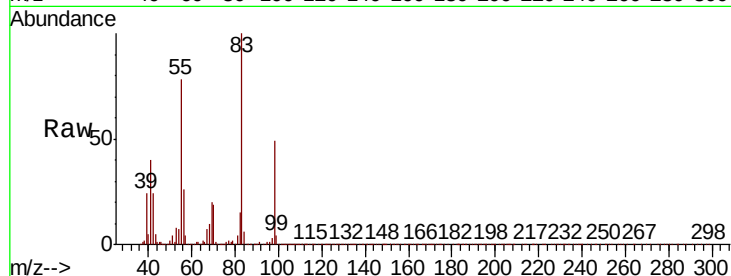
#39
Methylvlcyclohexane
Concen: 18.174 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.9	92.9
98	48.5	39.4	59.0

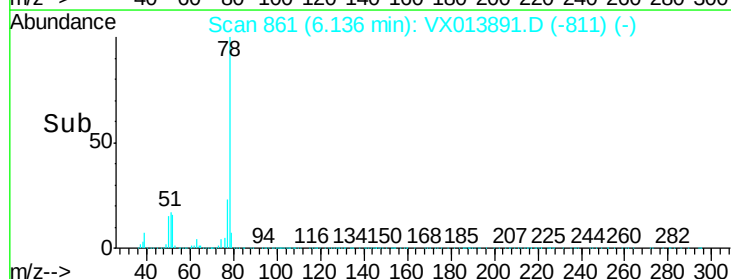
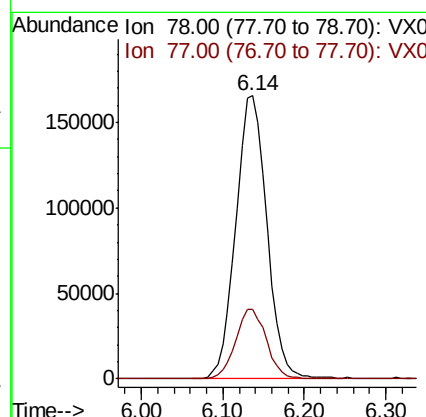
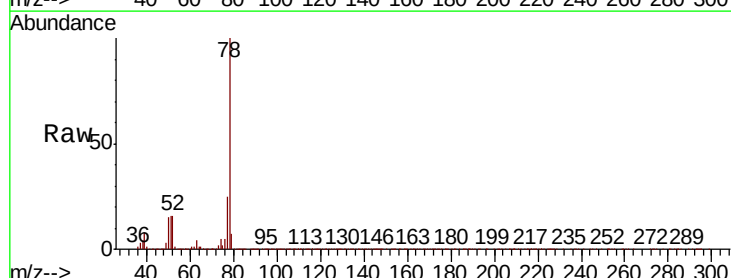
Manual Integrations
APPROVED

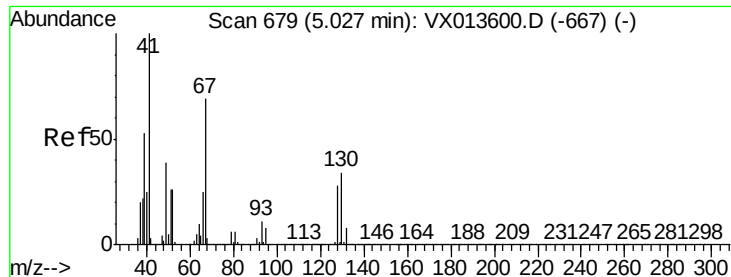
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#40
Benzene
Concen: 18.952 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4





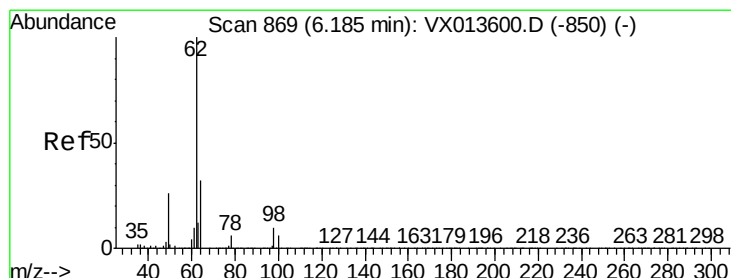
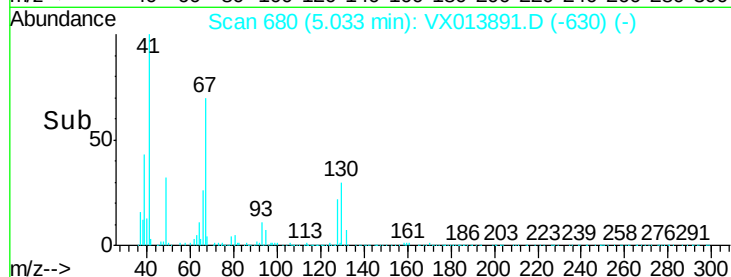
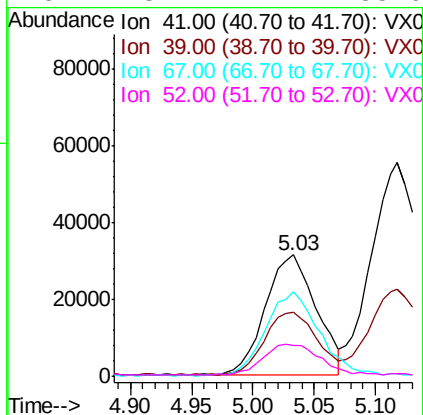
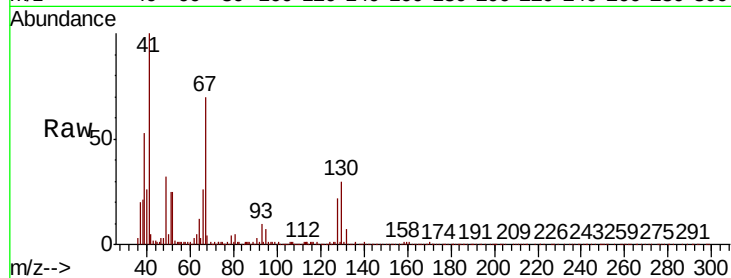
#41
Methacrylonitrile
Concen: 19.803 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	42.9	64.3	
67	74.4	57.4	86.0	
52	28.7	22.4	33.6	

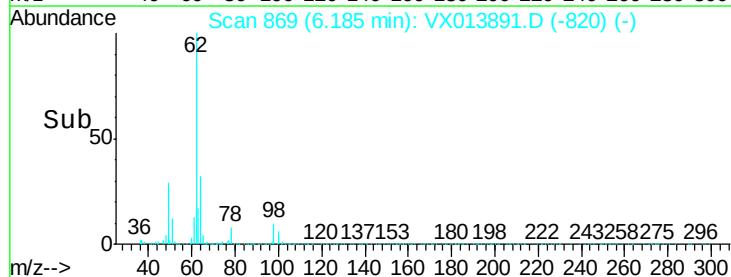
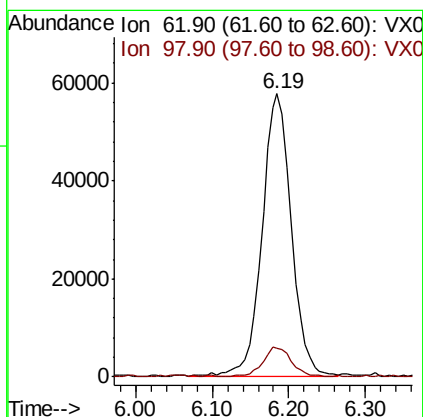
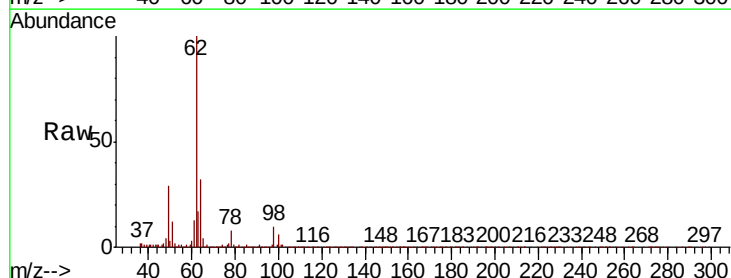
Manual Integrations
APPROVED

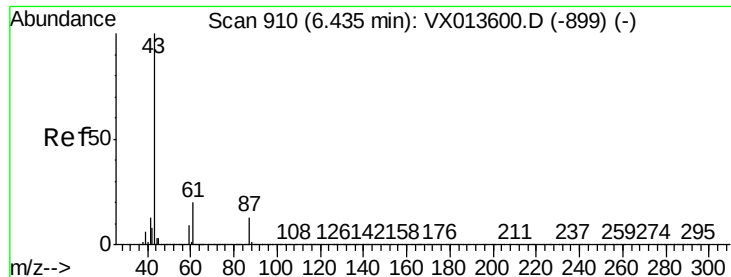
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#42
1,2-Dichloroethane
Concen: 19.584 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	20.8	





#43

Isopropyl Acetate

Concen: 19.135 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

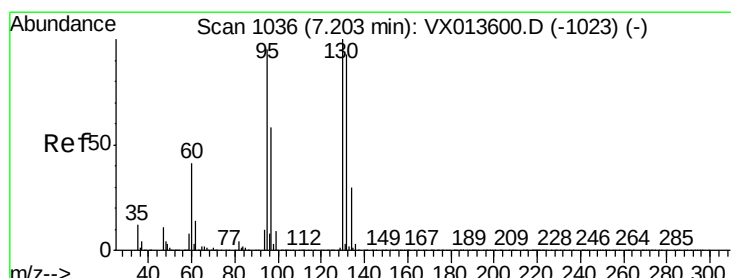
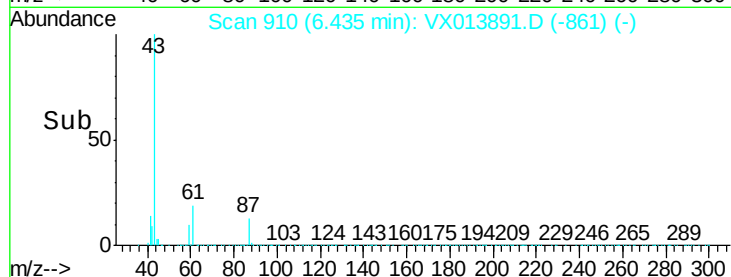
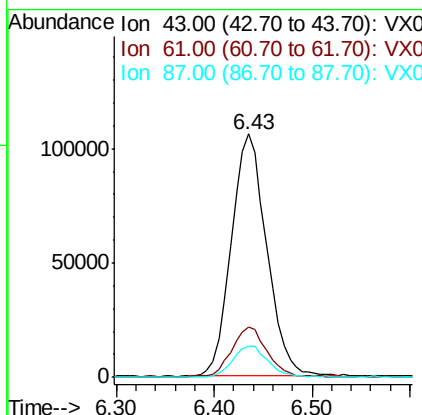
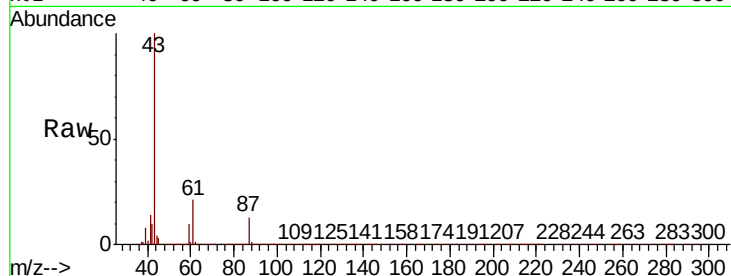
ClientSampleId :

VX1210WBS01

Tot Ion:	43	Resp:	265901
Ion Ratio		Lower	Upper
43	100		
61	21.2	16.3	24.5
87	13.4	10.8	16.2

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#44

Trichloroethene

Concen: 18.402 ug/l

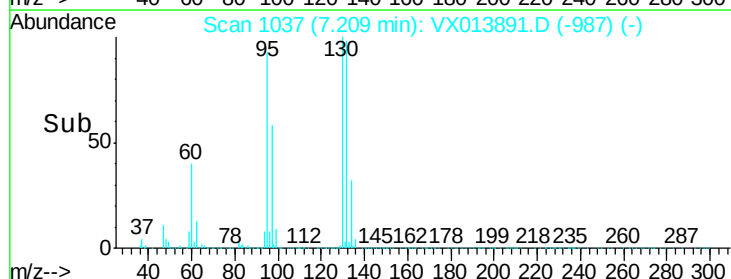
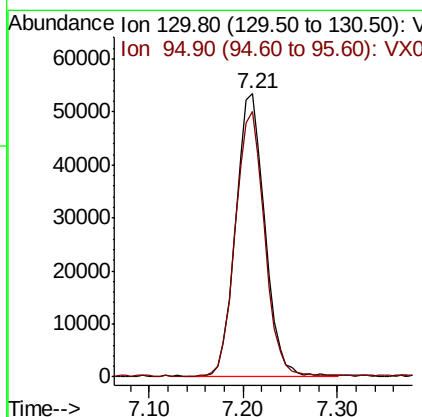
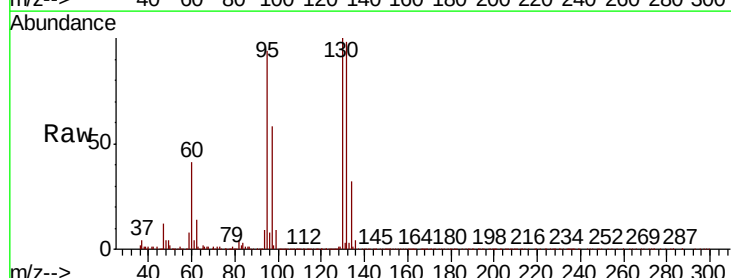
RT: 7.21 min Scan# 1037

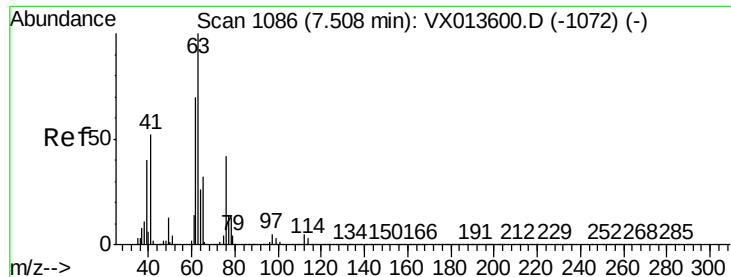
Delta R.T. 0.01 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	130	Resp:	115734
Ion Ratio		Lower	Upper
130	100		
95	93.5	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.473 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 63 Resp: 111649

Ion Ratio Lower Upper

63 100

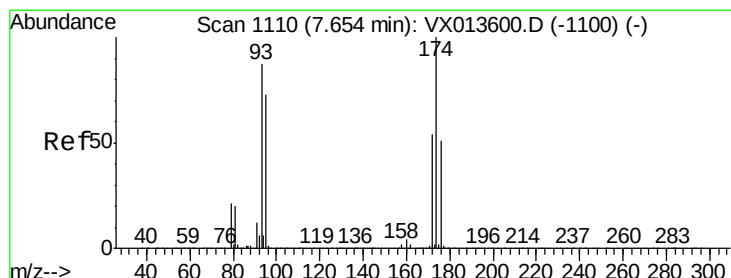
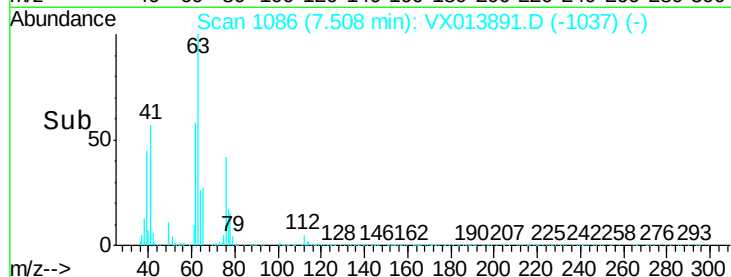
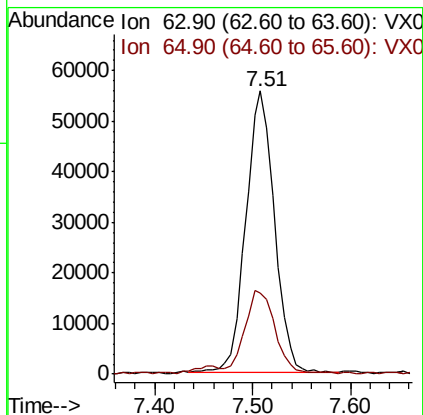
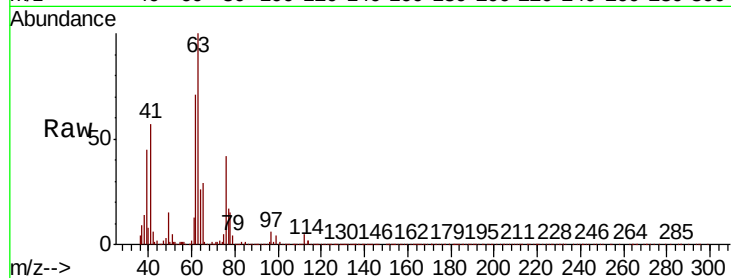
65 28.7 25.5 38.3

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#46

Dibromomethane

Concen: 19.003 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

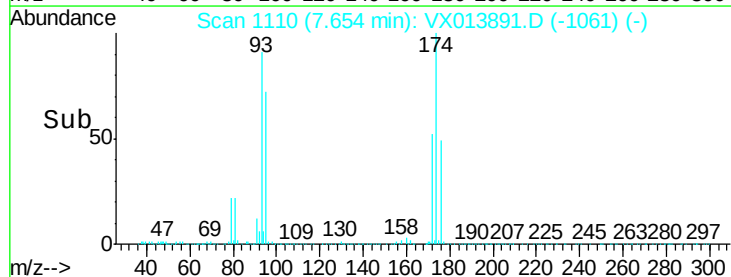
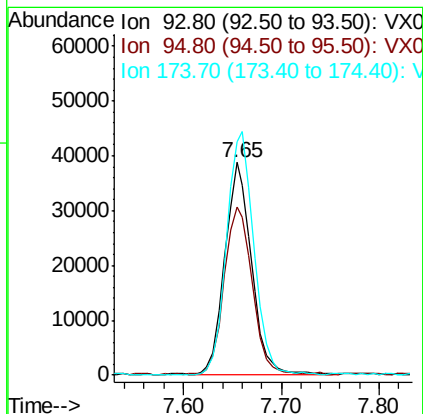
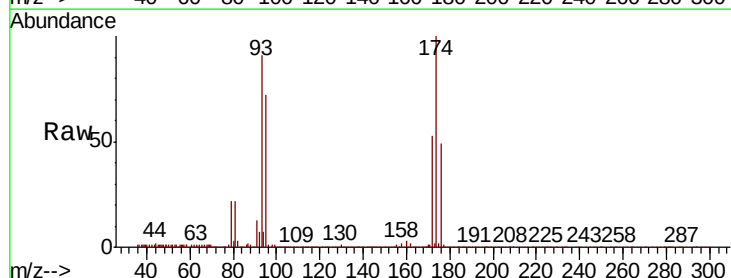
Tgt Ion: 93 Resp: 73996

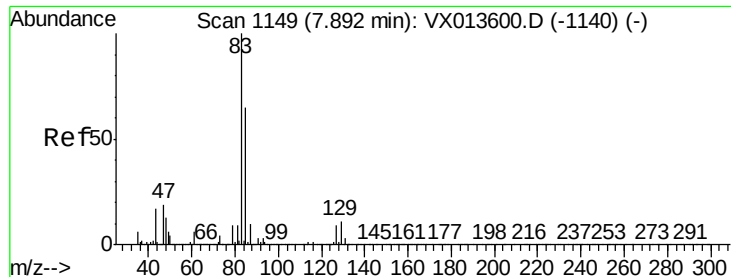
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.2

174 116.5 93.4 140.0





#47

Bromodichloromethane

Concen: 19.490 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

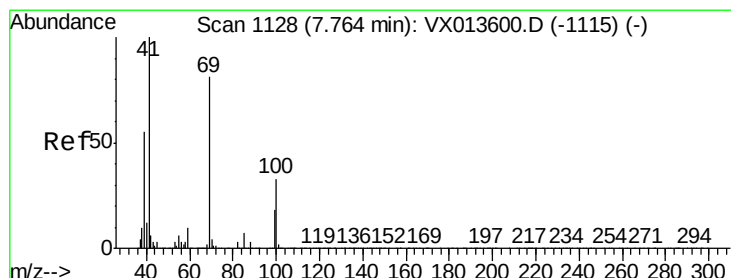
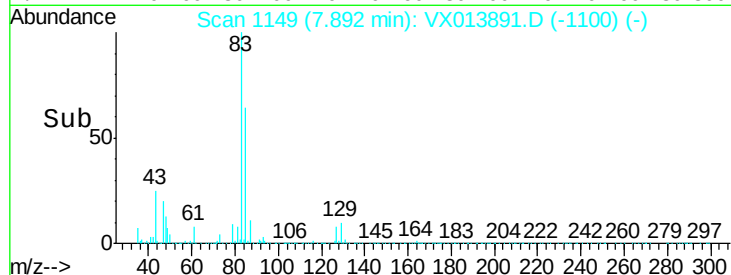
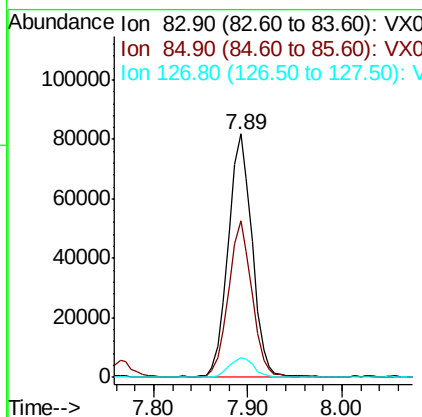
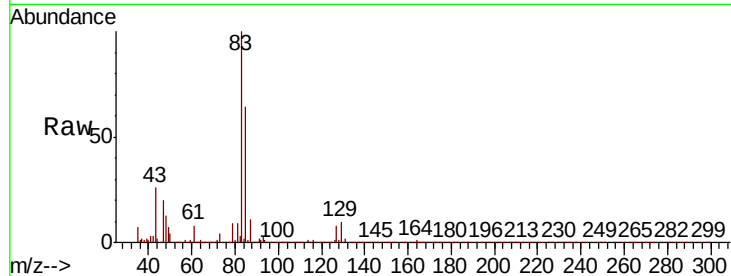
ClientSampleId :

VX1210WBS01

Tot Ion:	83	Resp:	143477
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.1	78.1
127	7.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.494 ug/l

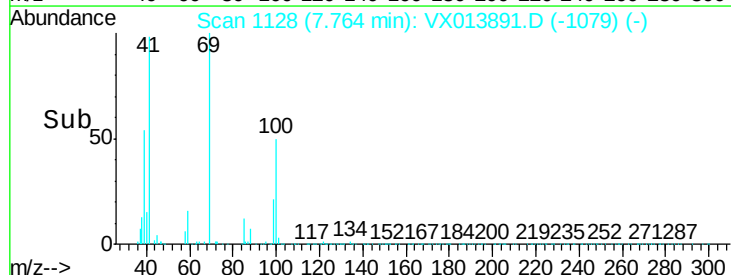
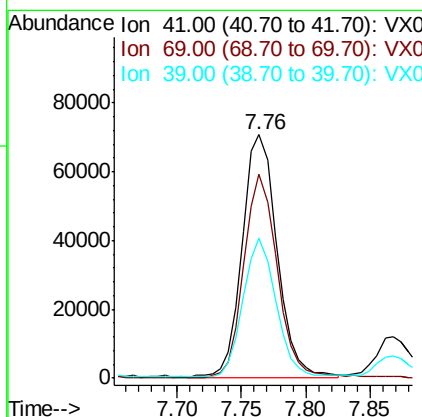
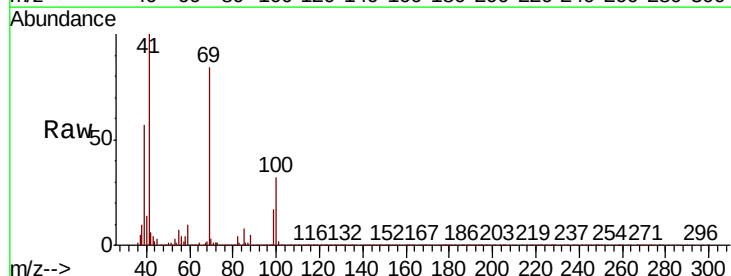
RT: 7.76 min Scan# 1128

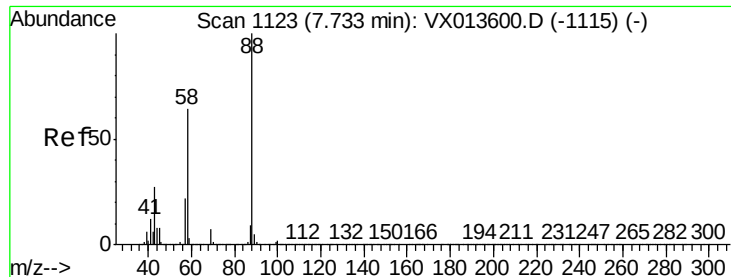
Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	41	Resp:	131621
Ion Ratio	Lower	Upper	
41	100		
69	81.0	64.7	97.1
39	54.6	43.8	65.6





#49

1,4-Dioxane

Concen: 371.258 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

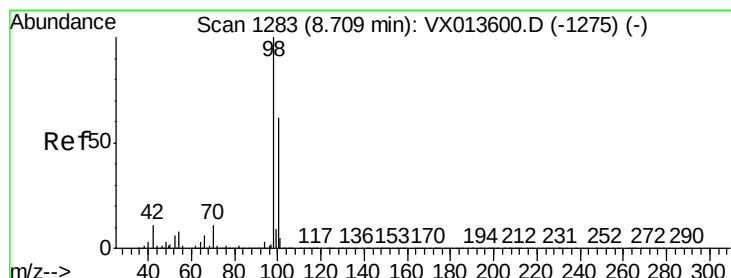
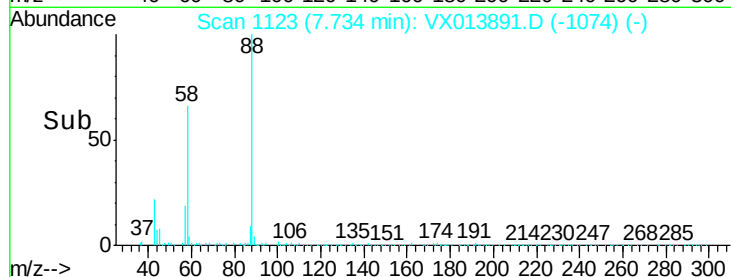
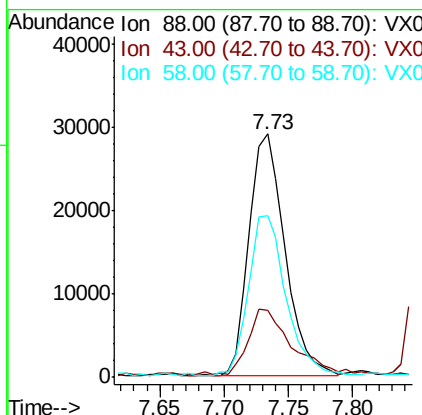
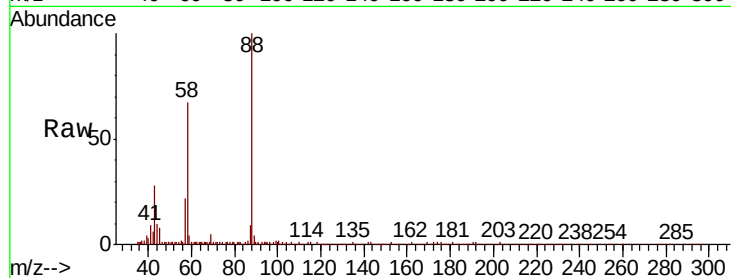
ClientSampleId :

VX1210WBS01

Tot Ion:	88	Resp:	56109
Ion Ratio	Lower	Upper	
88	100		
43	31.4	25.8	38.6
58	69.3	54.6	82.0

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#50

Toluene-d8

Concen: 47.240 ug/l

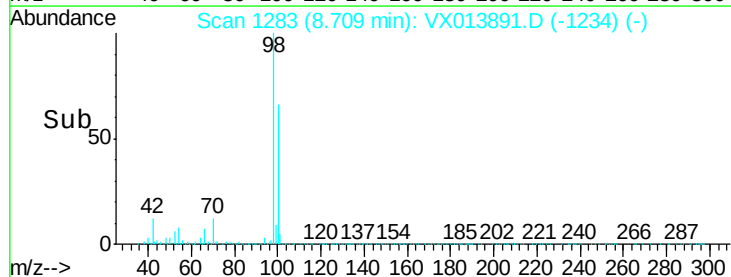
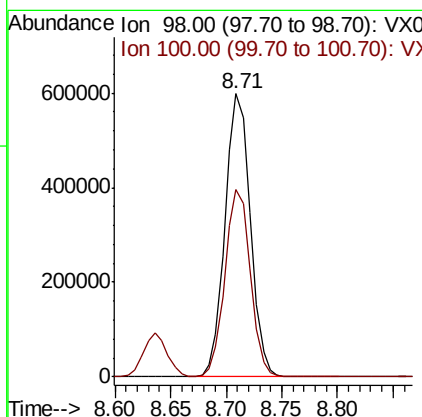
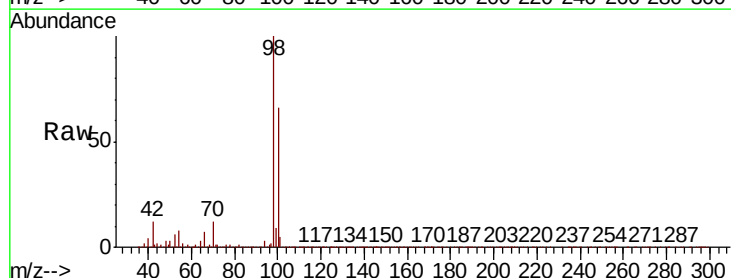
RT: 8.71 min Scan# 1283

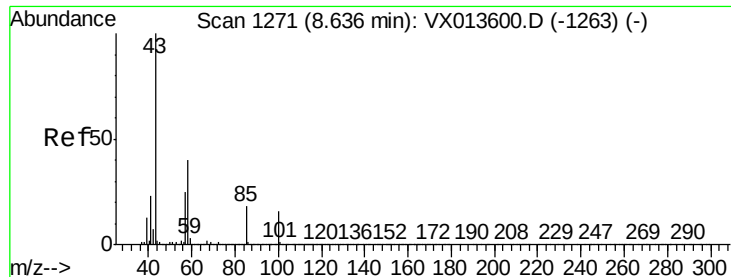
Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	98	Resp:	943104
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 99.177 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 43 Resp: 866910

Ion Ratio Lower Upper

43 100

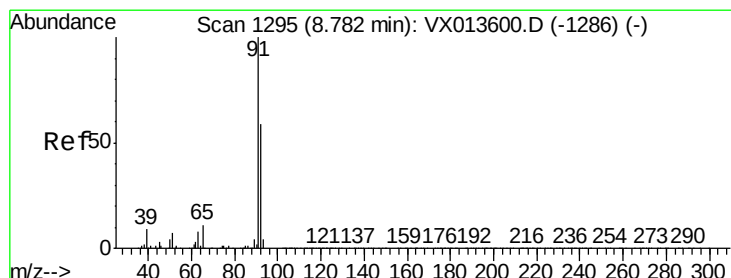
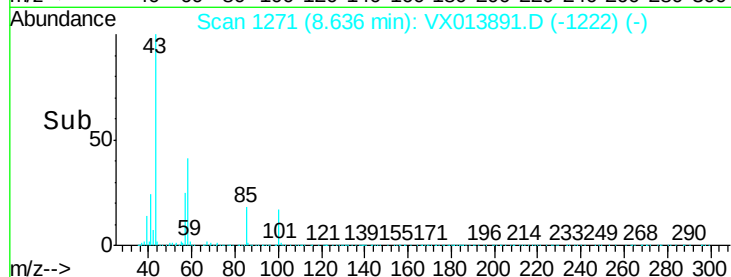
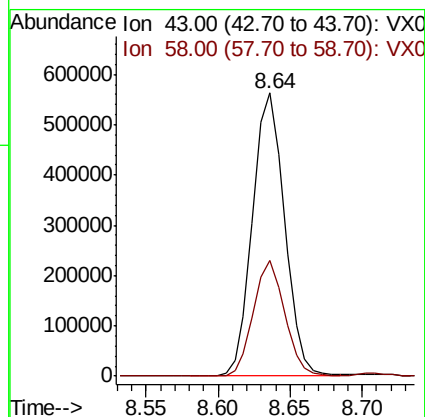
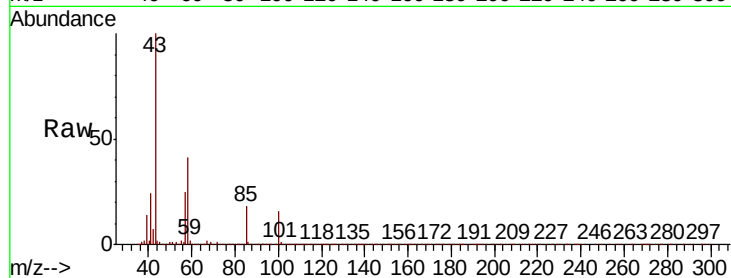
58 39.8 32.1 48.1

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#52

Toluene

Concen: 19.201 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013891.D

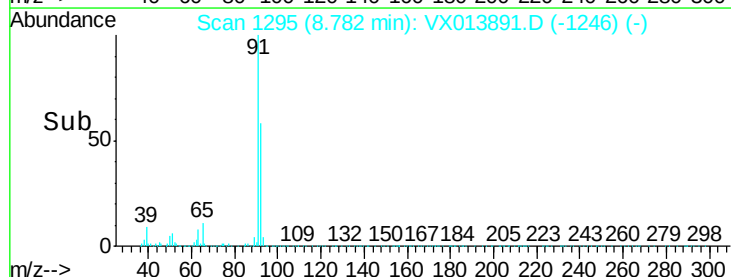
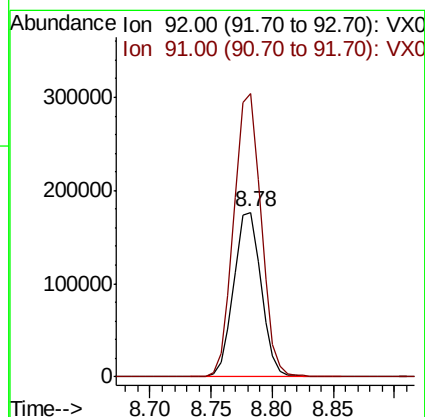
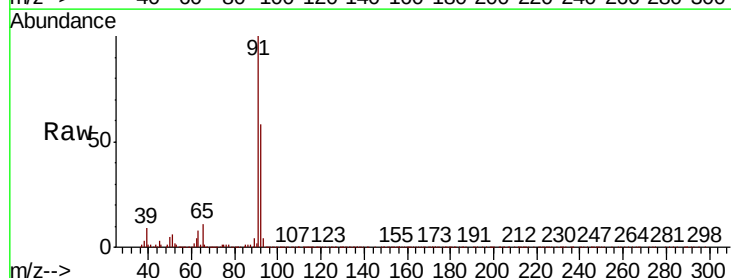
Acq: 10 Dec 2019 12:24

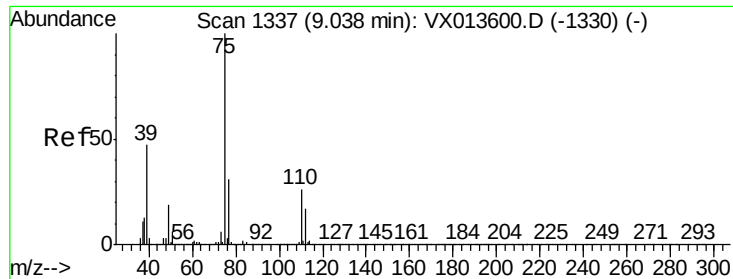
Tgt Ion: 92 Resp: 273351

Ion Ratio Lower Upper

92 100

91 171.3 136.2 204.2





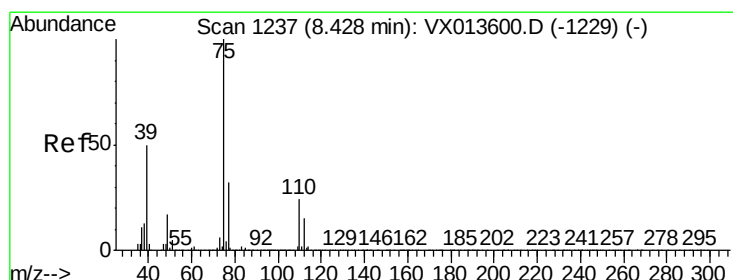
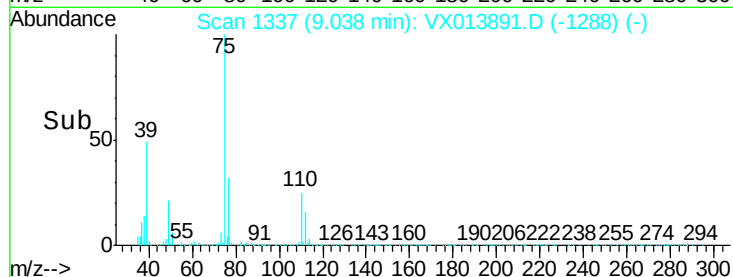
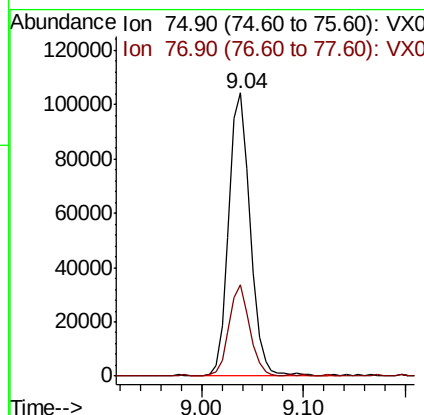
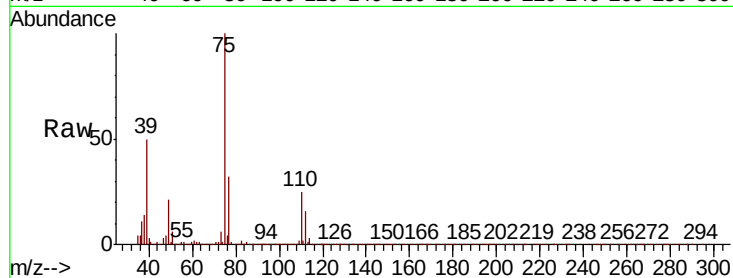
#53
t-1,3-Dichloropropene
Concen: 18.022 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.4	36.6

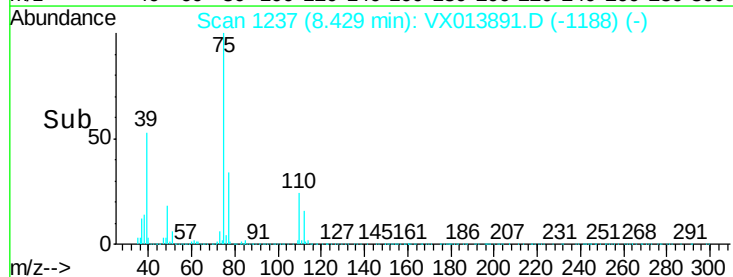
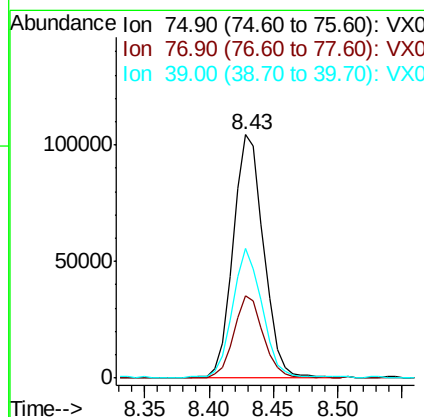
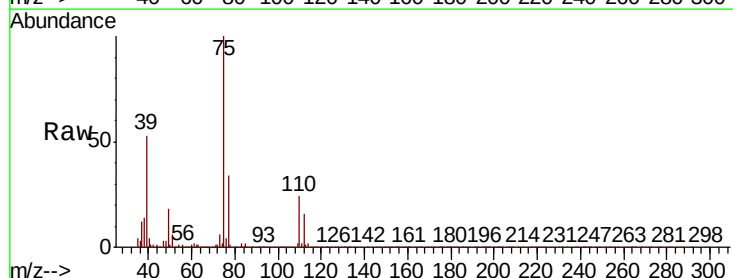
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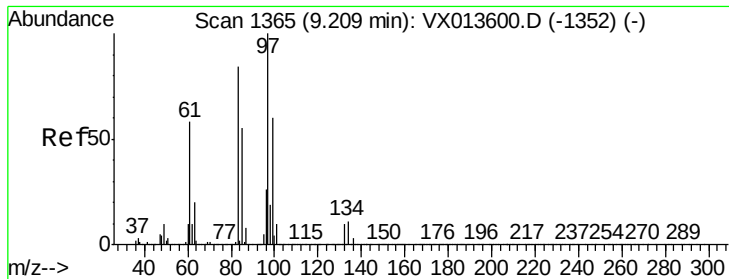
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#54
cis-1,3-Dichloropropene
Concen: 18.757 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.8	38.6
39	52.8	39.9	59.9





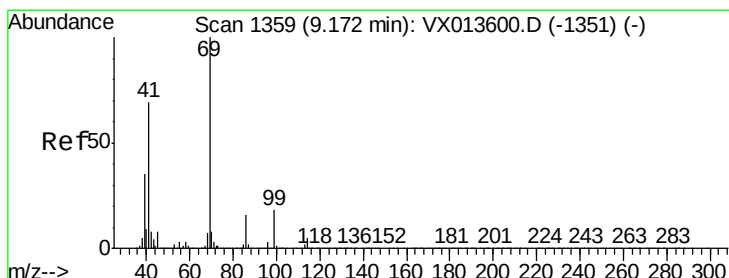
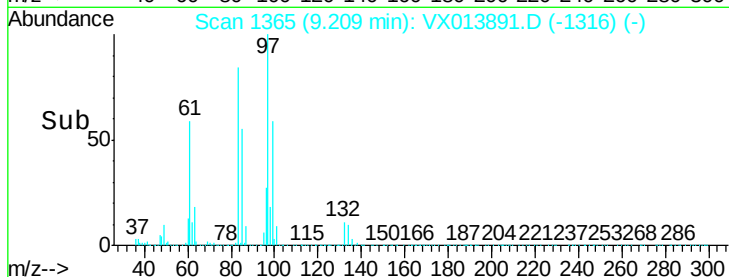
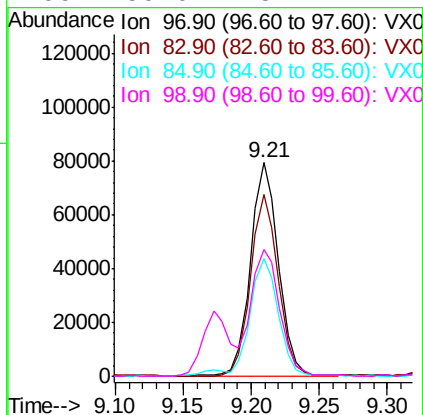
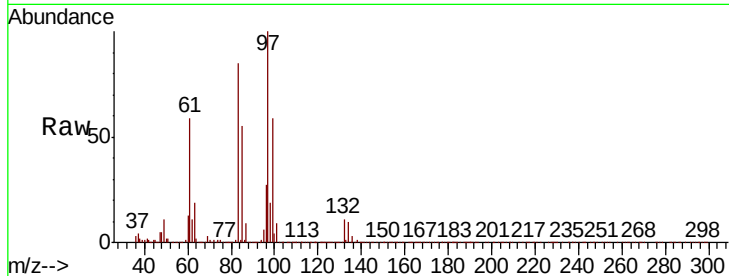
#55
 1,1,2-Trichloroethane
 Concen: 19.871 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		114000		
83	85.2	67.3	100.9		
85	54.9	43.6	65.4		
99	59.0	48.2	72.4		

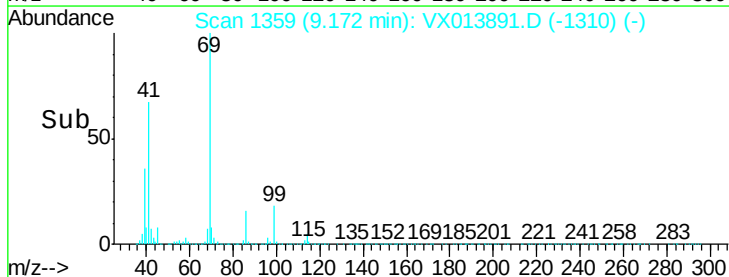
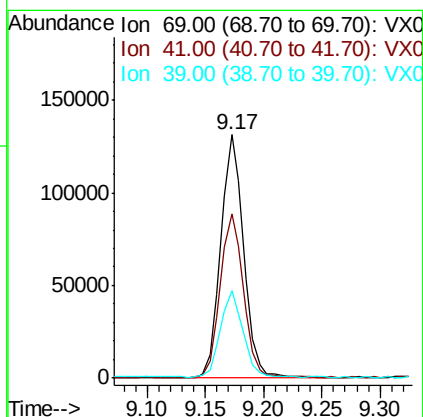
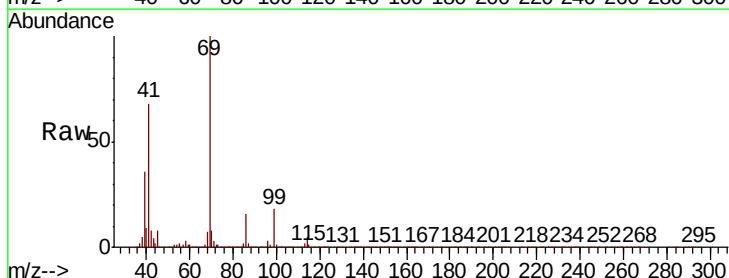
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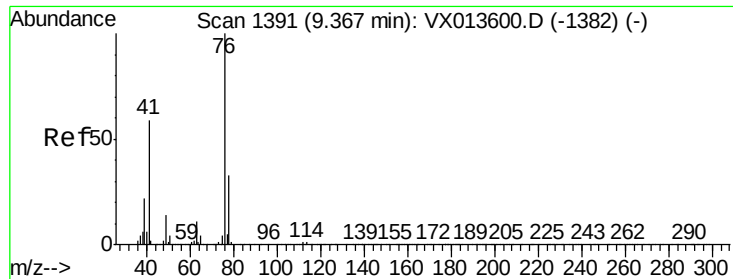
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#56
 Ethyl methacrylate
 Concen: 19.406 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		178989		
41	67.7	55.0	82.4		
39	35.0	28.7	43.1		





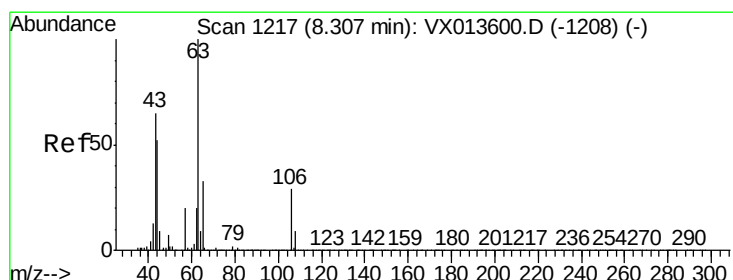
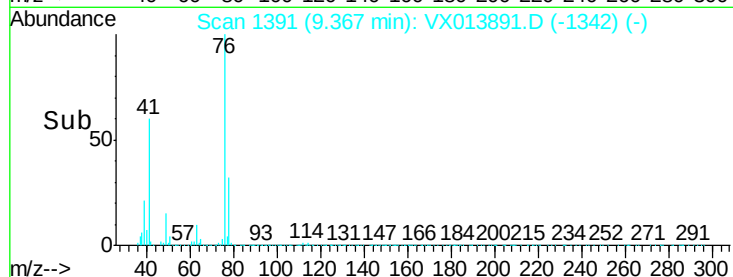
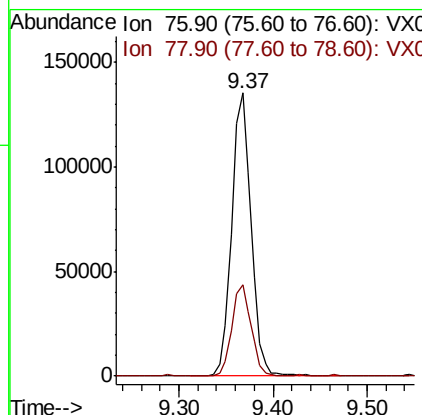
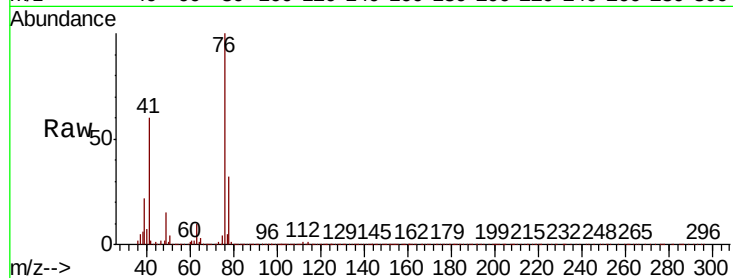
#57
 1,3-Dichloropropane
 Concen: 19.560 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion: 76 Resp: 193424
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.0 39.0

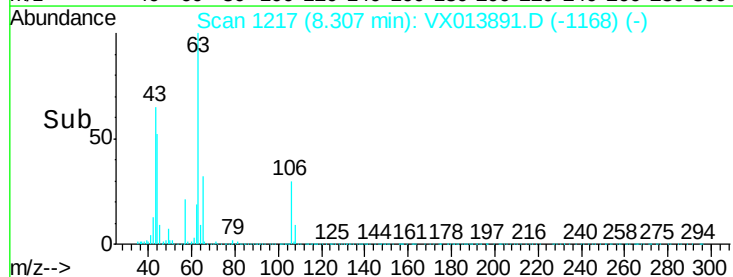
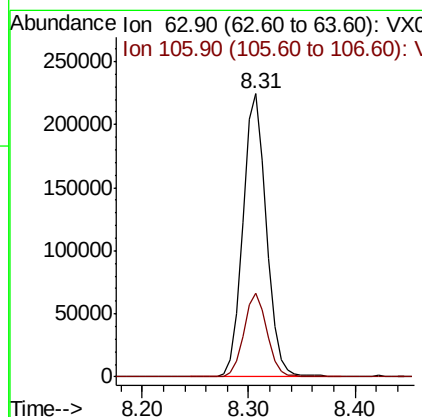
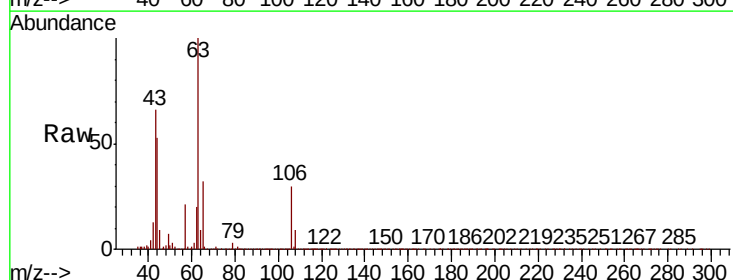
Manual Integrations
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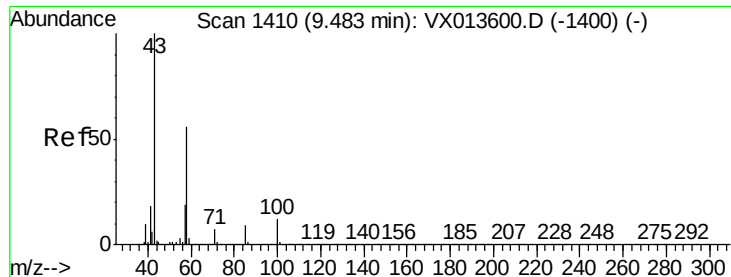
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.056 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion: 63 Resp: 347365
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.4 35.0





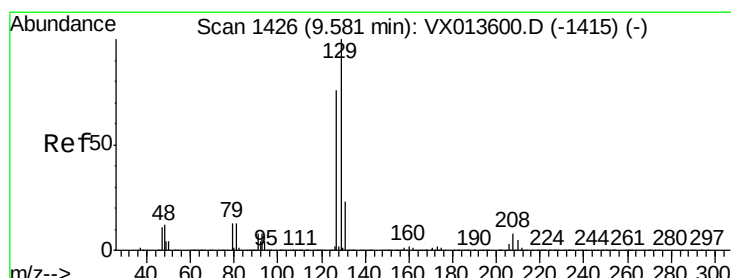
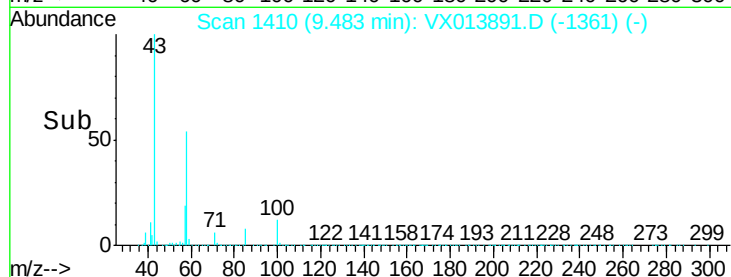
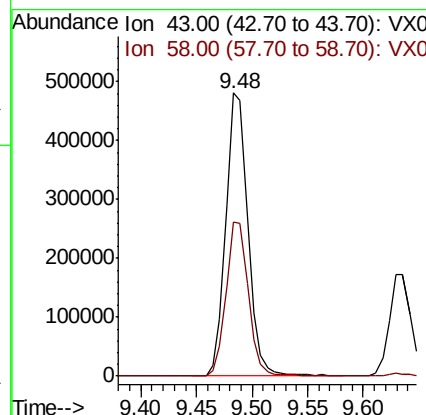
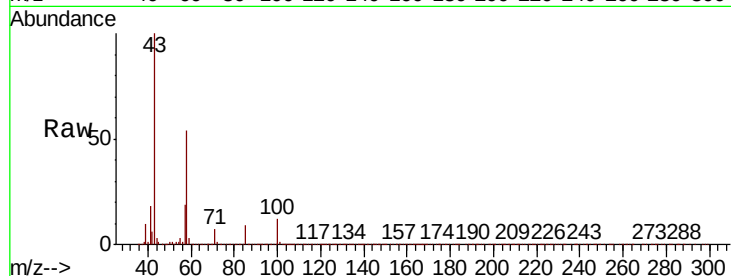
#59
2-Hexanone
Concen: 97.144 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion: 43 Resp: 662264
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.4

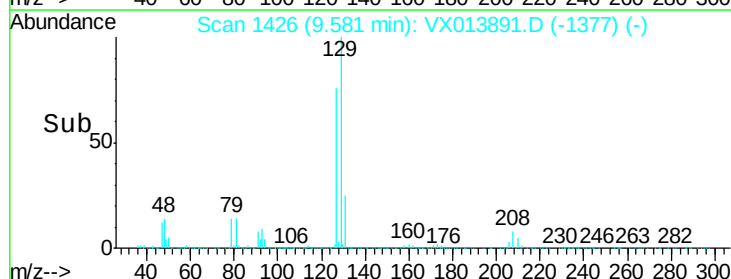
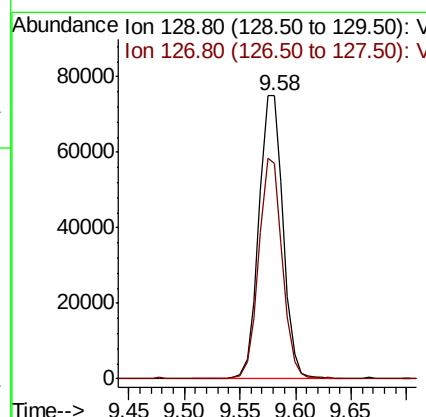
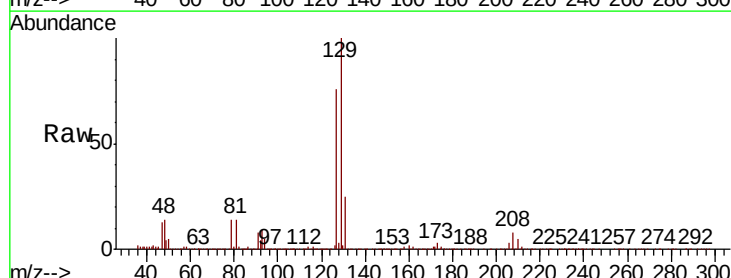
Manual Integrations
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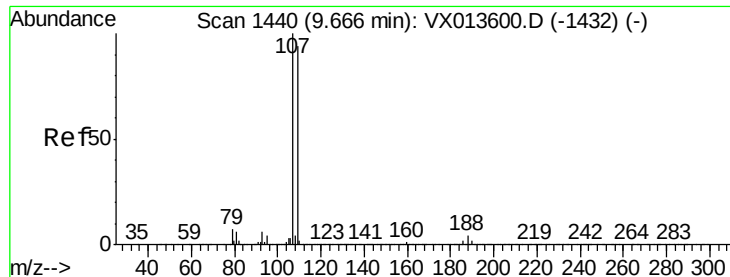
apatel
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#60
Dibromochloromethane
Concen: 19.117 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 129 Resp: 113814
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





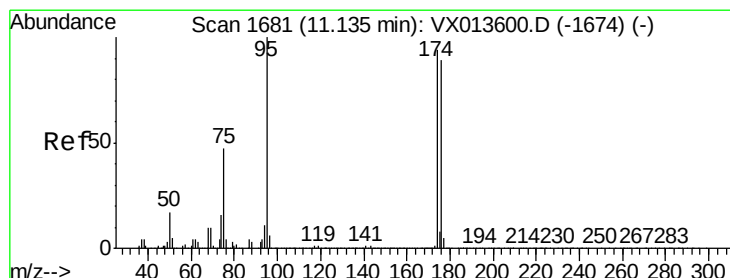
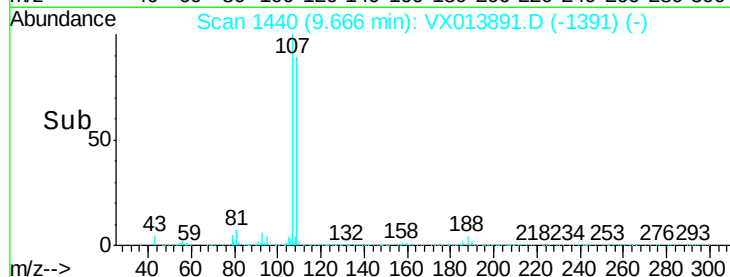
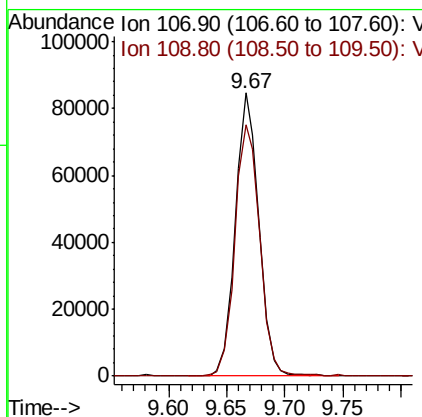
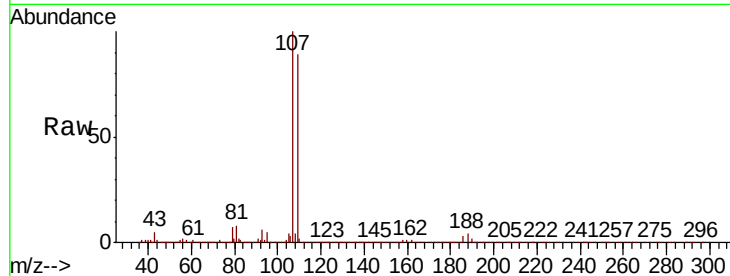
#61
 1,2-Dibromoethane
 Concen: 19.364 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	118646		
109	94.0	76.1	114.1	

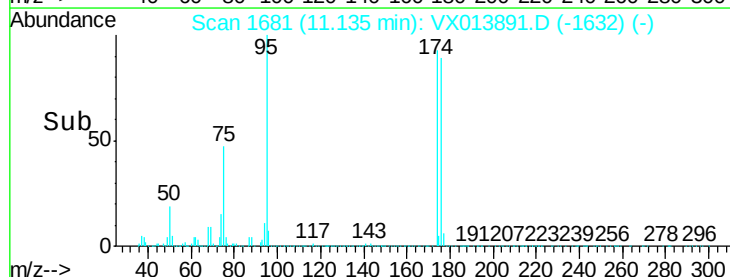
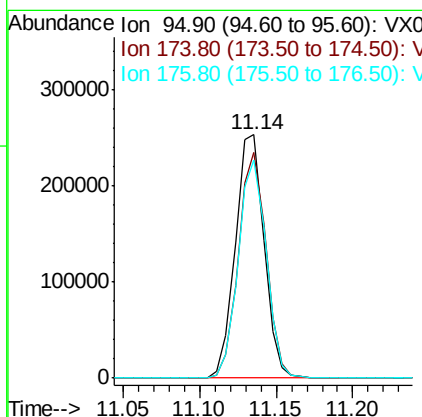
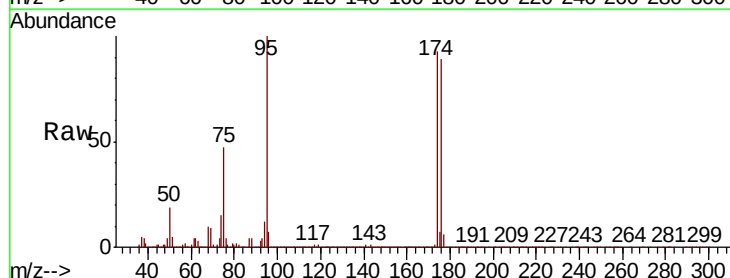
Manual Integrations
 APPROVED

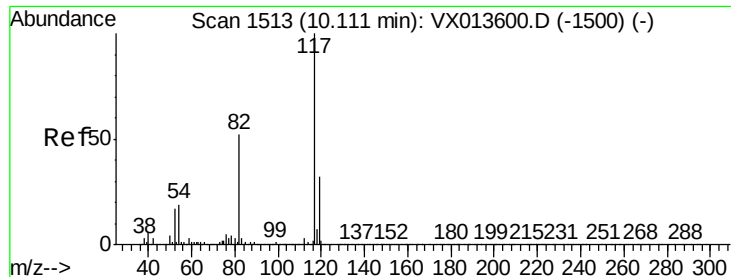
apatel
 12/11/2019 2:14:00 PM



#62
 4-Bromofluorobenzene
 Concen: 45.945 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	330769		
174	89.4	0.0	180.0	
176	87.3	0.0	173.6	





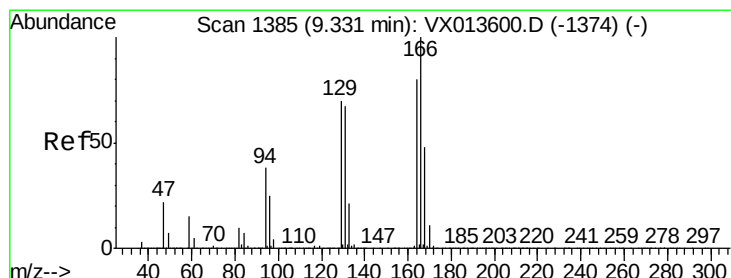
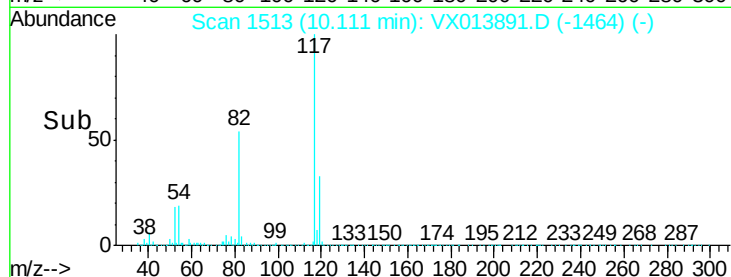
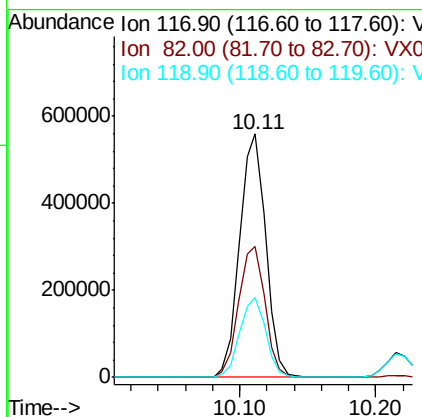
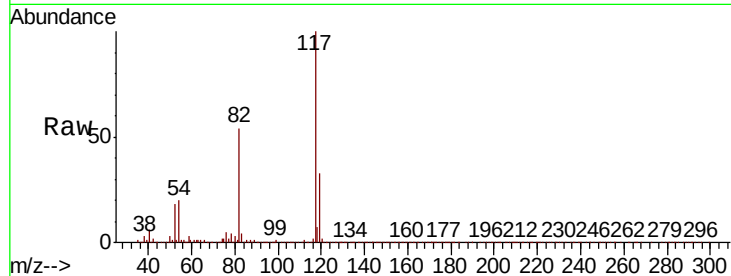
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.8
119	32.9	25.8	38.8

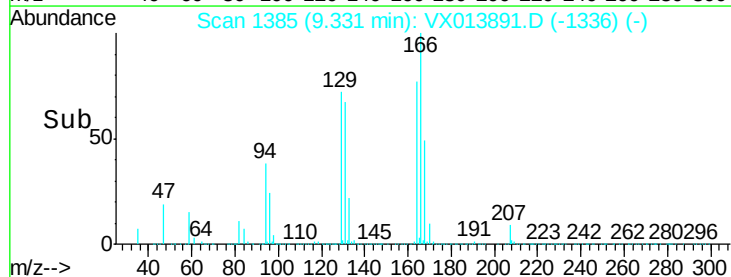
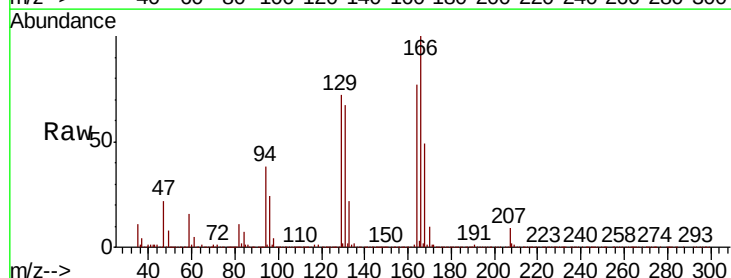
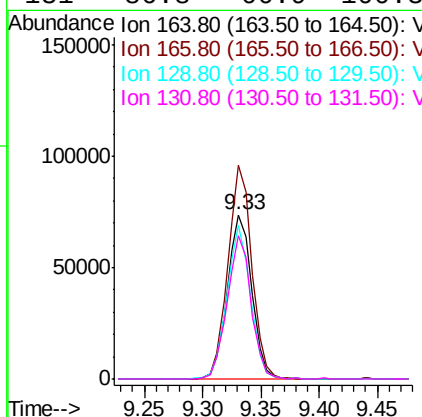
Manual Integrations
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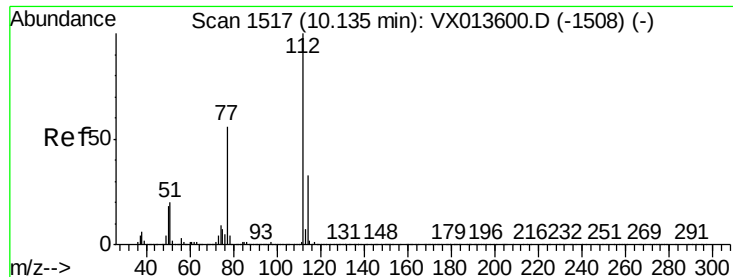
apatel
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#64
Tetrachloroethene
Concen: 19.320 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.7	149.5
129	93.2	70.1	105.1
131	86.8	66.9	100.3





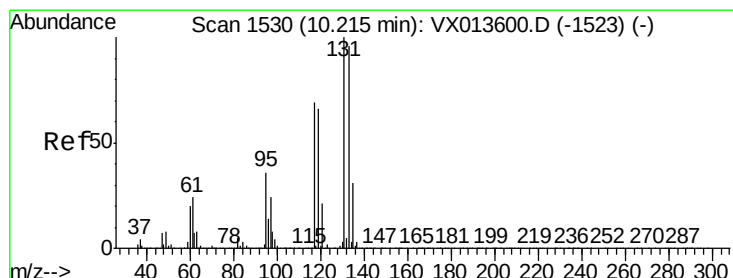
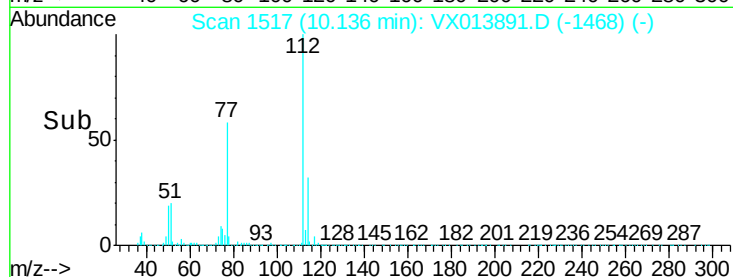
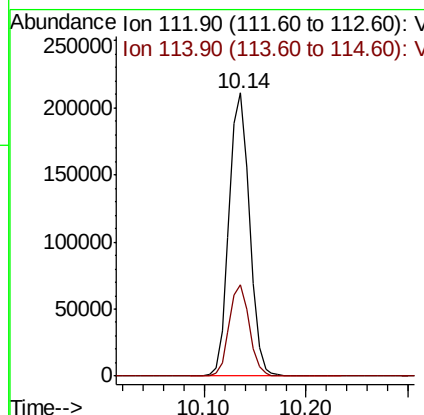
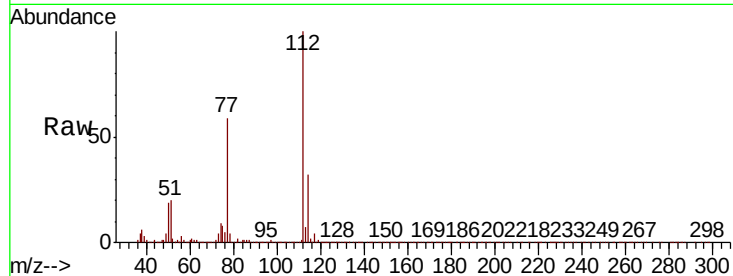
#65
Chlorobenzene
Concen: 18.860 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.1	39.1

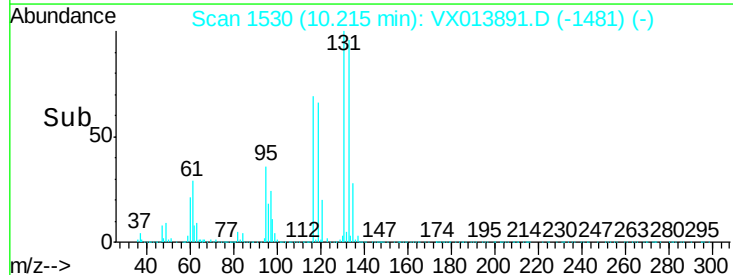
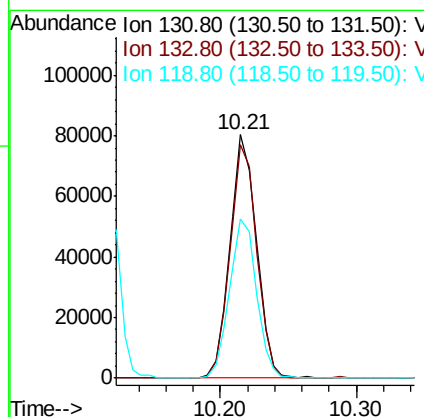
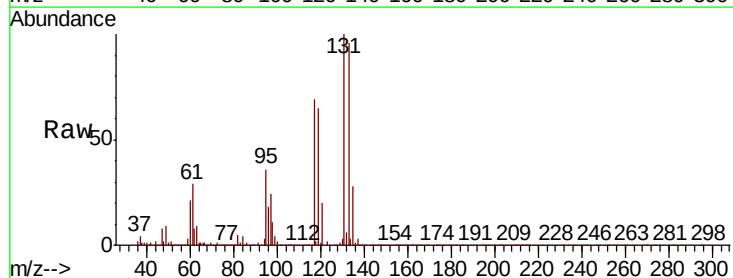
Manual Integrations
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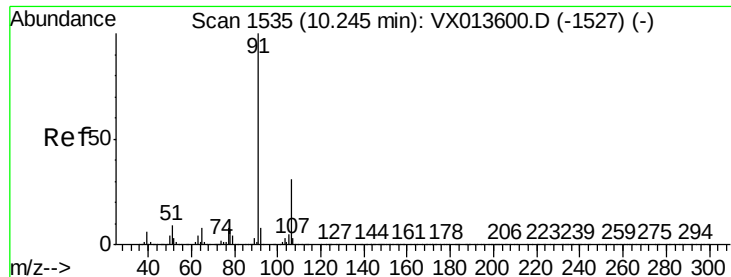
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.534 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.7	143.1
119	66.0	32.9	98.6





#67

Ethyl Benzene

Concen: 19.175 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 91 Resp: 511401

Ion Ratio Lower Upper

91 100

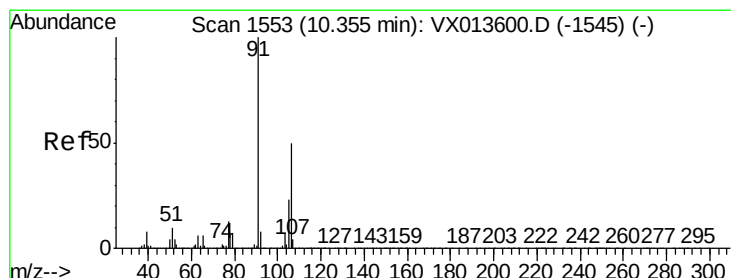
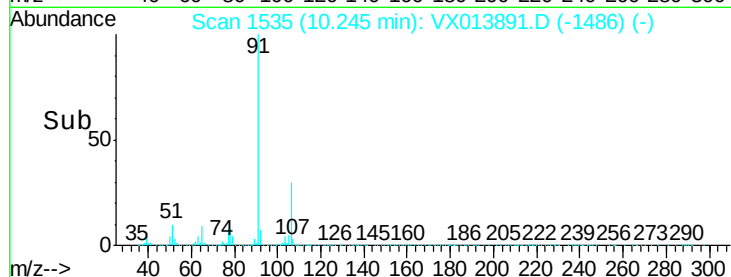
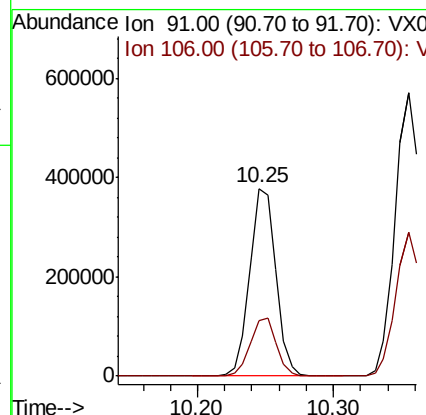
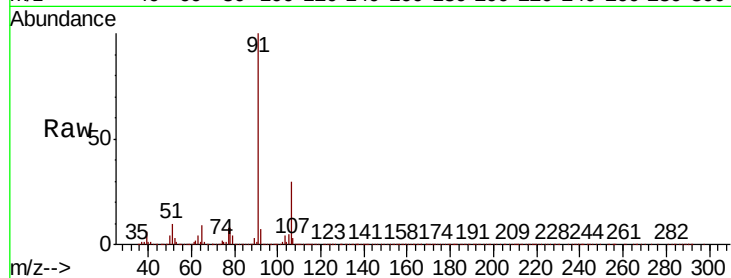
106 29.8 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.711 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013891.D

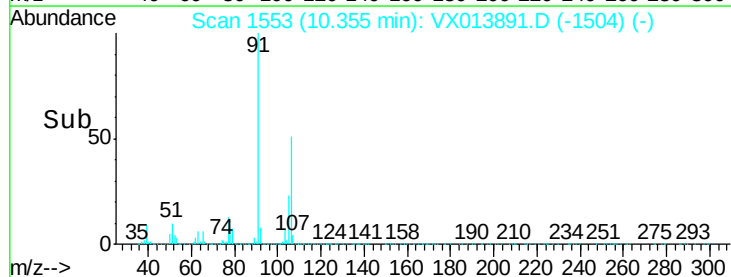
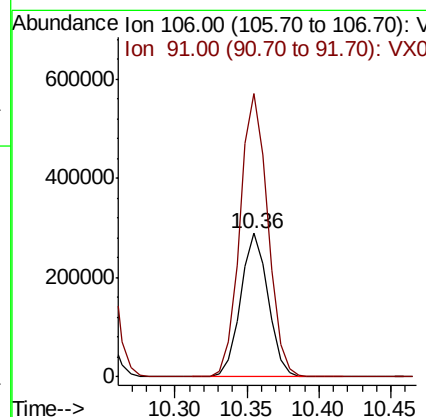
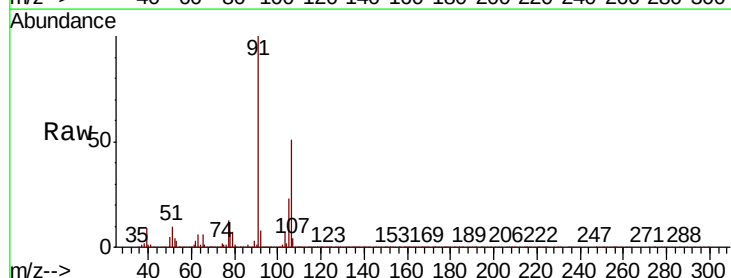
Acq: 10 Dec 2019 12:24

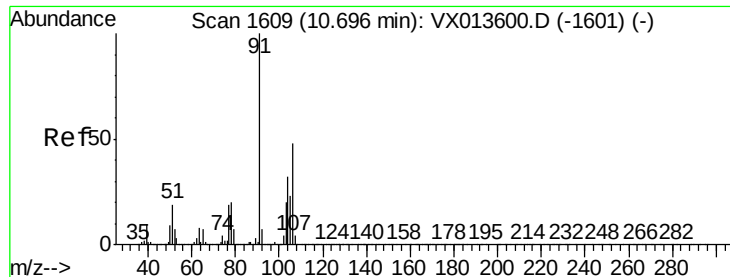
Tgt Ion: 106 Resp: 385050

Ion Ratio Lower Upper

106 100

91 199.8 159.0 238.4





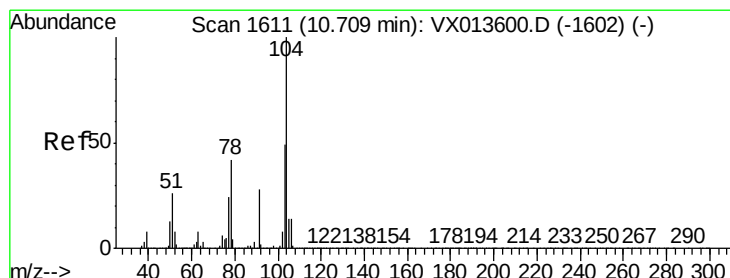
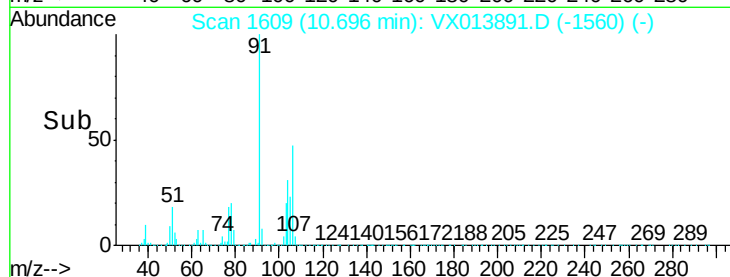
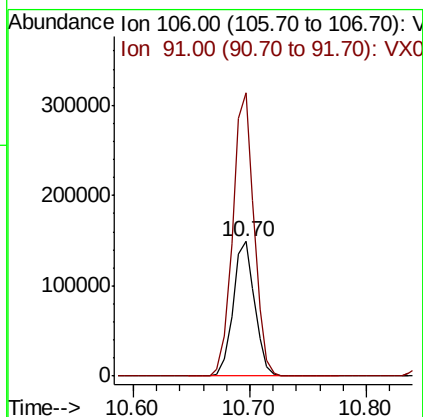
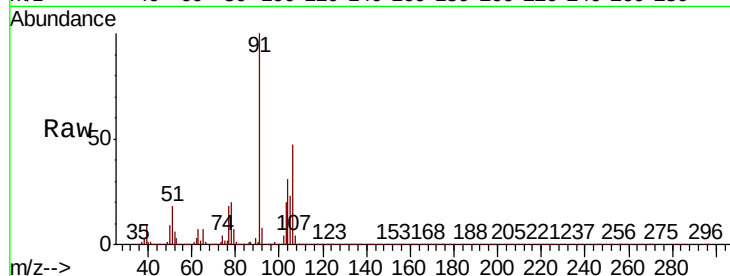
#69
o-Xylene
Concen: 19.236 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.2	104.1	312.2

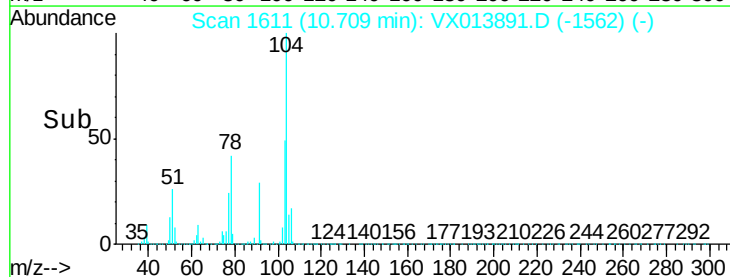
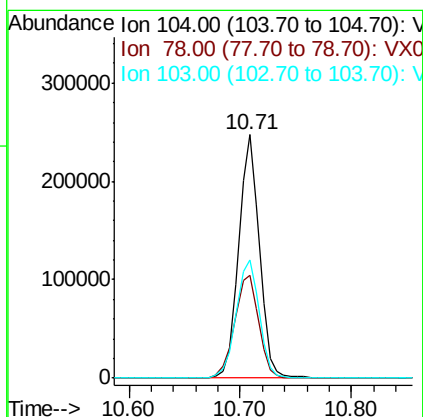
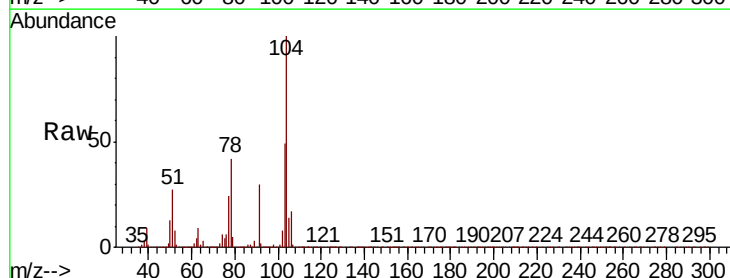
Manual Integrations
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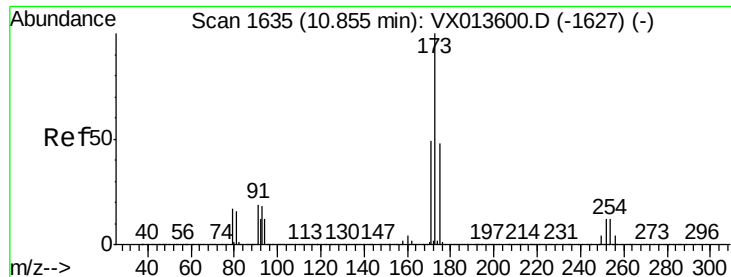
apatel
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#70
Styrene
Concen: 18.991 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.5	57.7
103	54.5	43.7	65.5





#71

Bromoform

Concen: 18.320 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:173 Resp: 84482

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

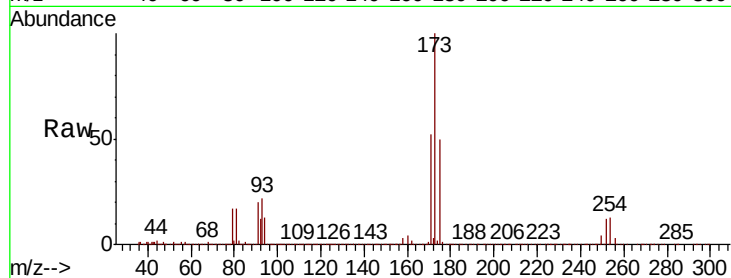
254 0.2 0.2 0.4#

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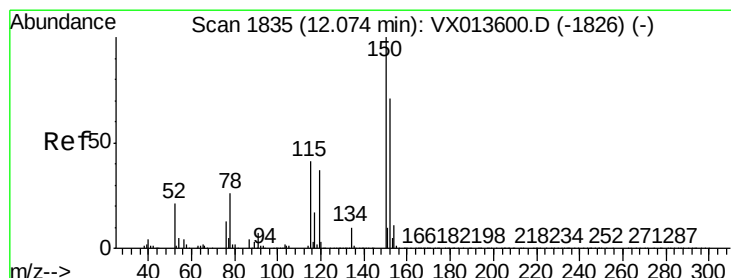
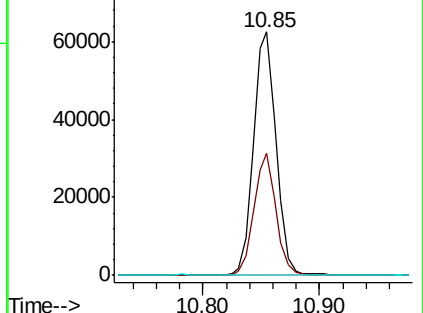
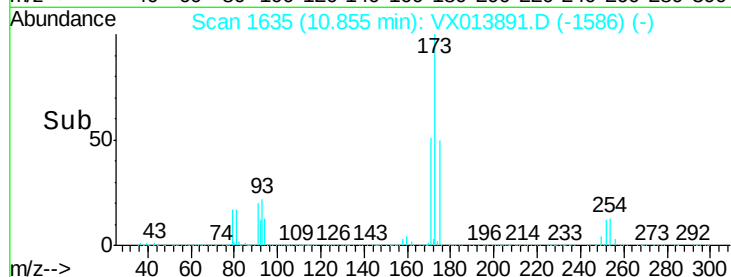
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

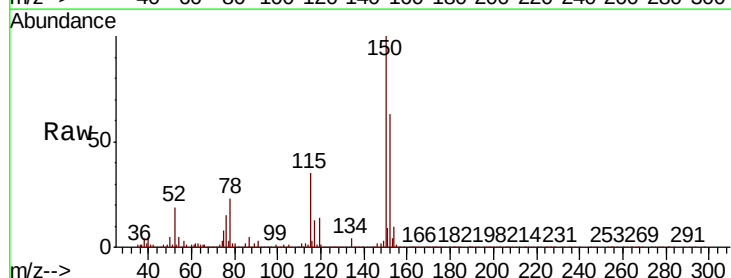
Tgt Ion:152 Resp: 358696

Ion Ratio Lower Upper

152 100

115 63.9 38.4 115.1

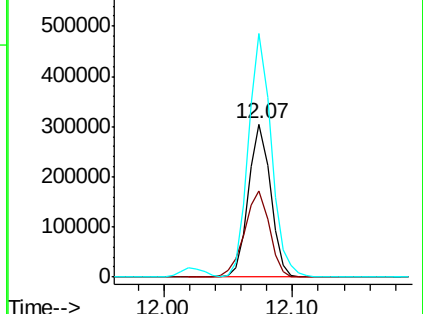
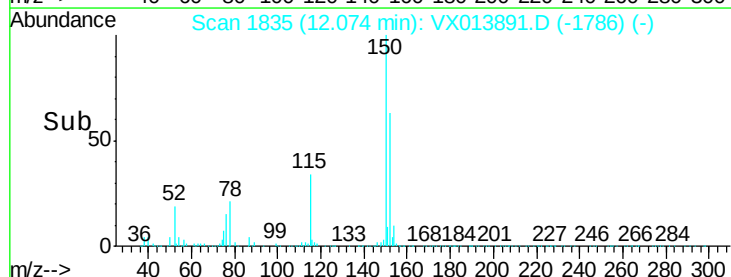
150 164.6 0.0 346.8

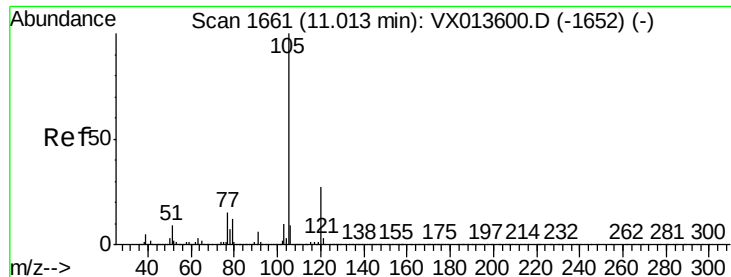


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.957 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion: 105 Resp: 502147

Ion Ratio Lower Upper

105 100

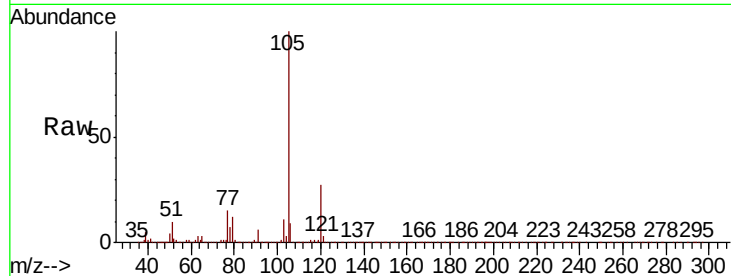
120 27.0 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

300000

200000

100000

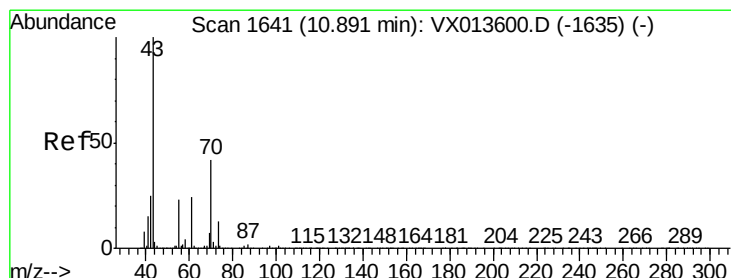
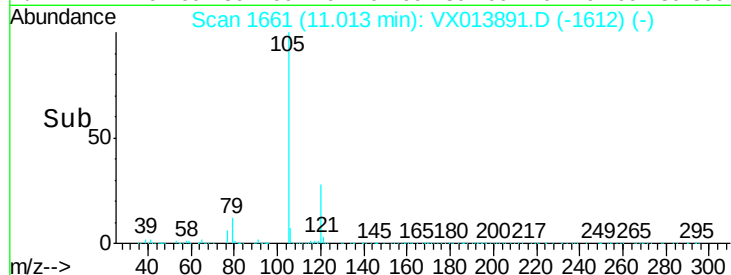
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 19.500 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion: 43 Resp: 224752

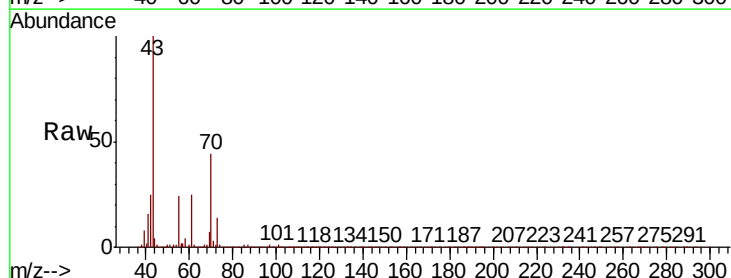
Ion Ratio Lower Upper

43 100

70 43.8 34.3 51.5

55 25.2 18.5 27.7

61 25.0 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

300000

250000

200000

150000

100000

50000

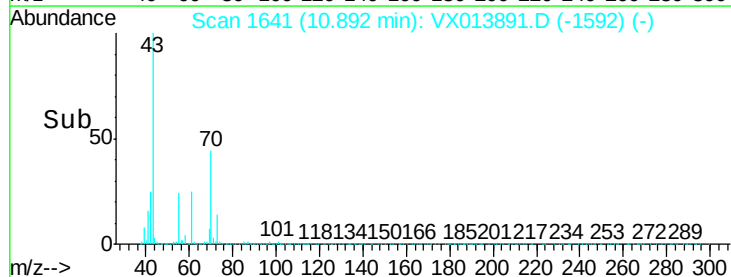
0

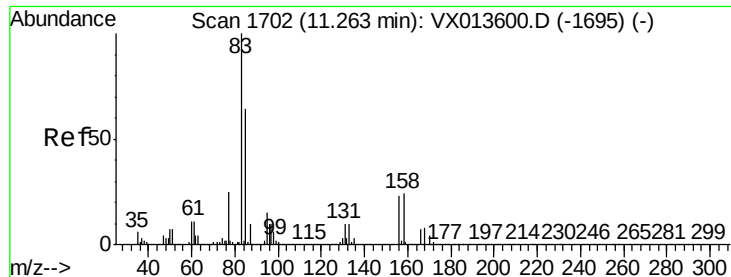
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.854 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

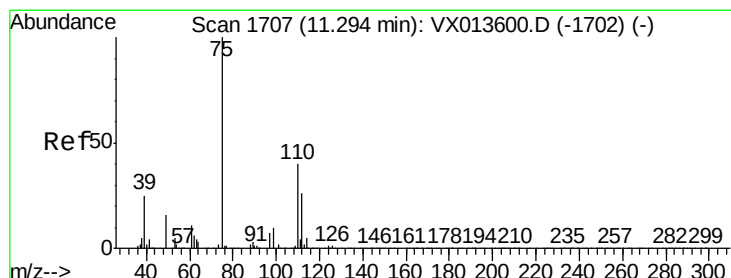
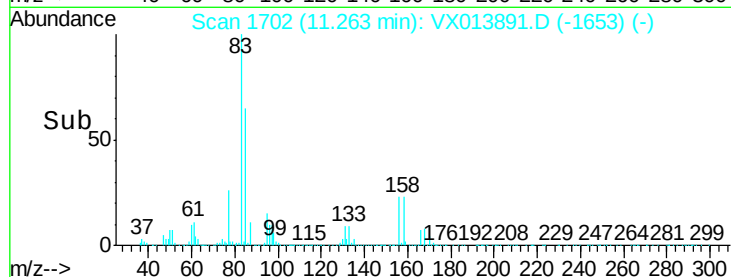
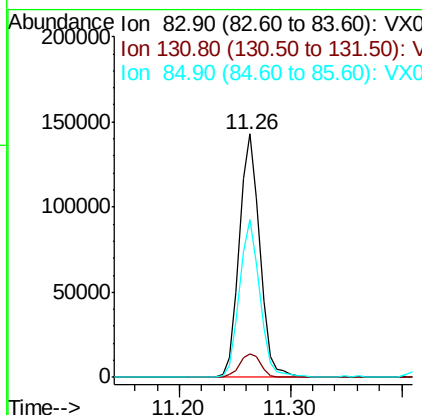
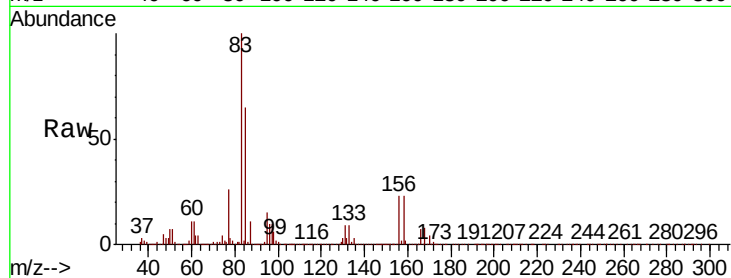
ClientSampleId :

VX1210WBS01

Tot Ion:	83	Resp:	181967
Ion Ratio		Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.3	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.301 ug/l m

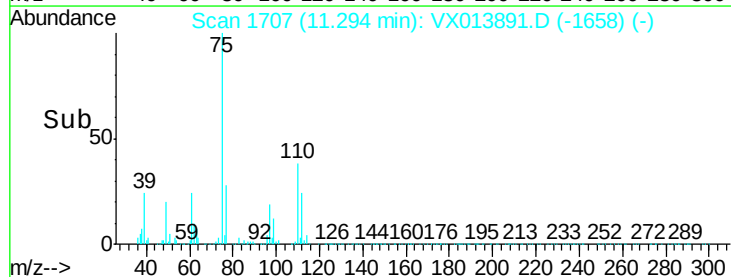
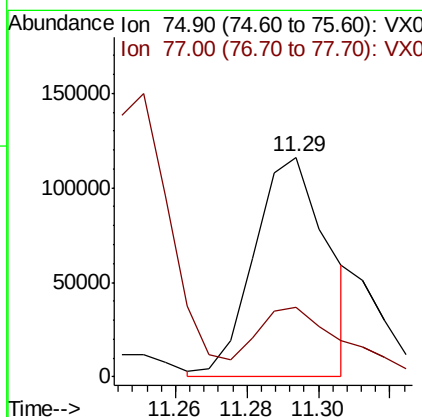
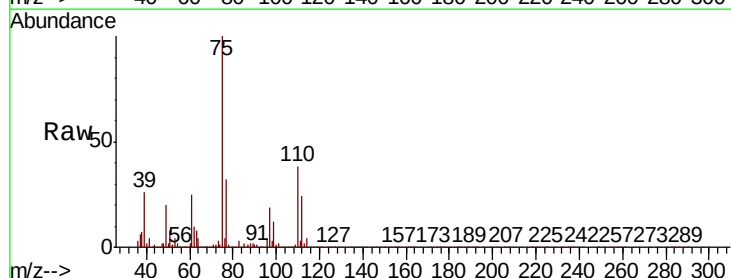
RT: 11.29 min Scan# 1707

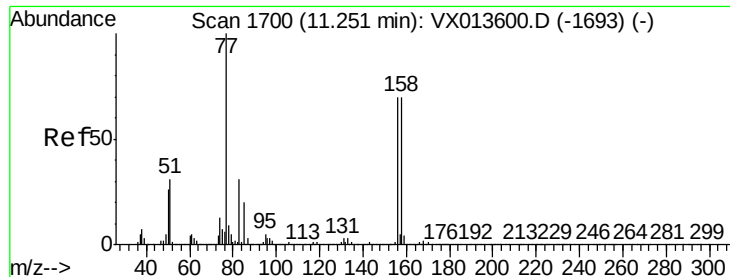
Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	75	Resp:	163783
Ion Ratio		Lower	Upper
75	100		
77	37.6	19.1	57.5





#77

Bromobenzene

Concen: 19.238 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

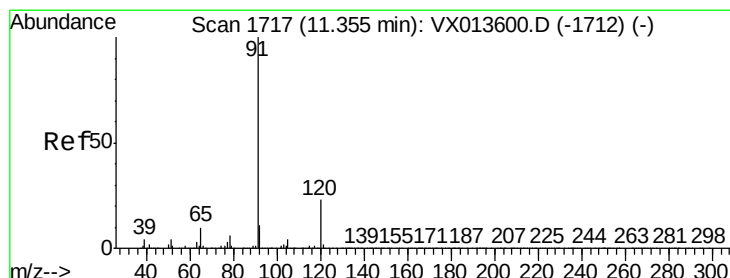
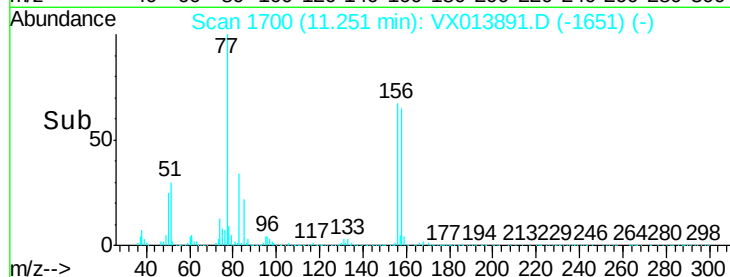
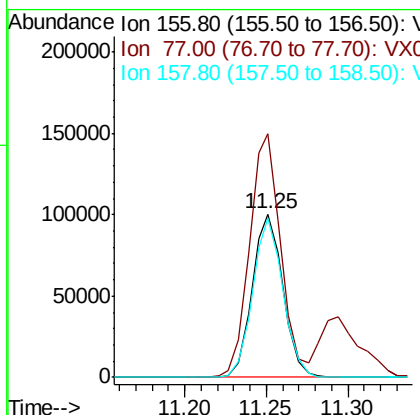
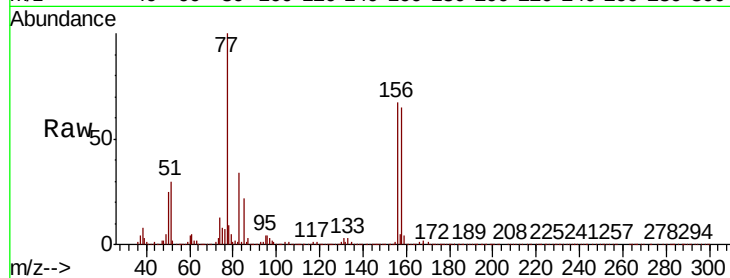
ClientSampleId :

VX1210WBS01

Tot Ion:	156	Resp:	130769
Ion Ratio	Lower	Upper	
156	100		
77	152.3	74.4	223.1
158	97.0	48.9	146.6

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#78

n-propylbenzene

Concen: 19.851 ug/l

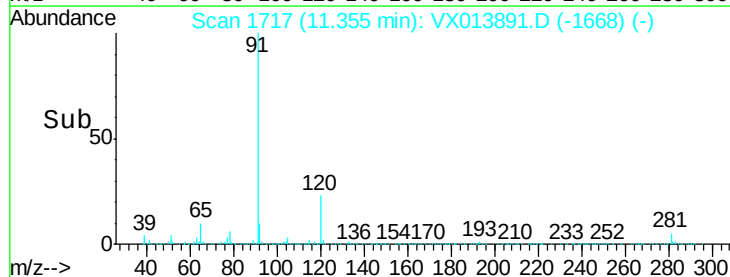
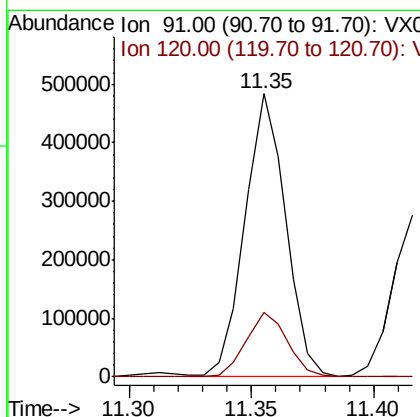
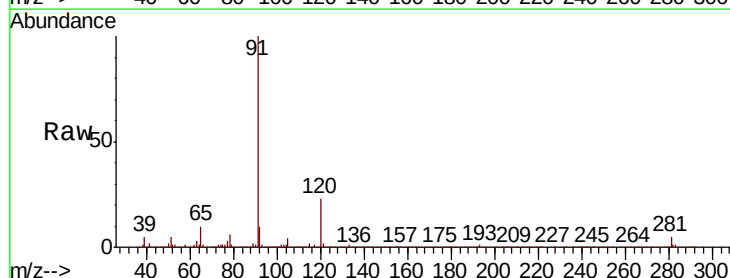
RT: 11.35 min Scan# 1717

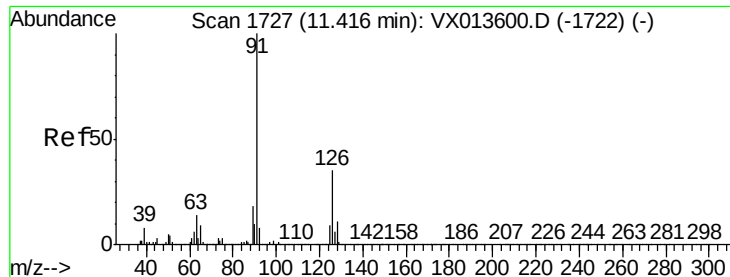
Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	91	Resp:	557556
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





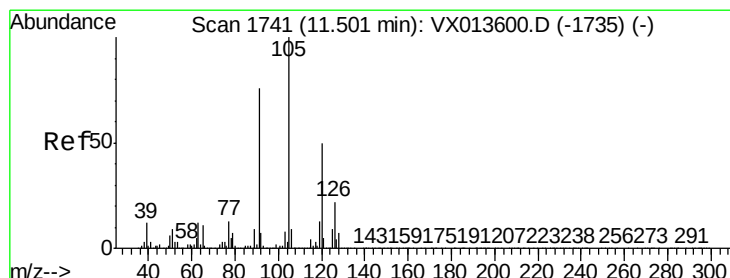
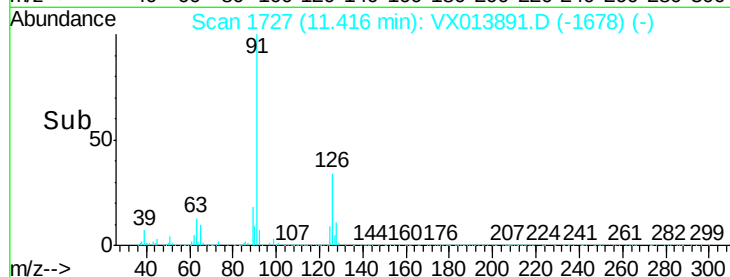
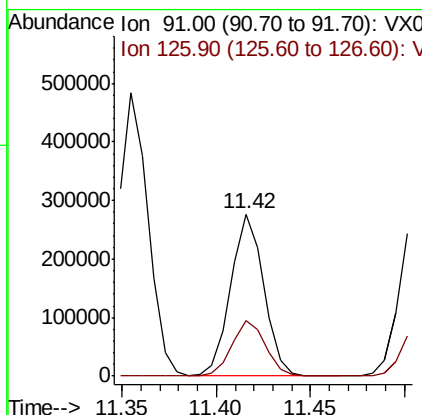
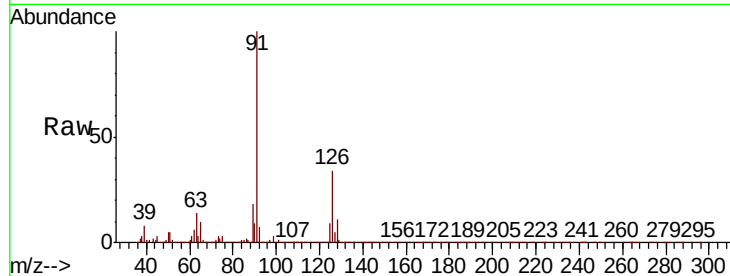
#79
2-Chlorotoluene
Concen: 19.847 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion: 91 Resp: 334406
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5

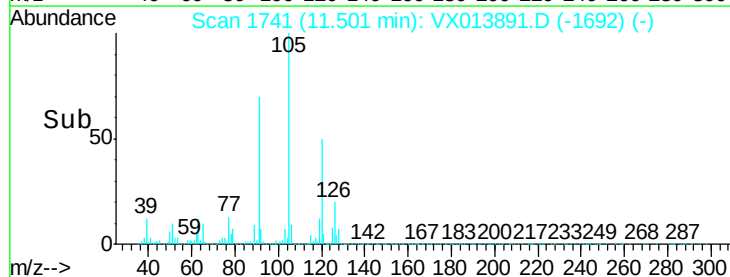
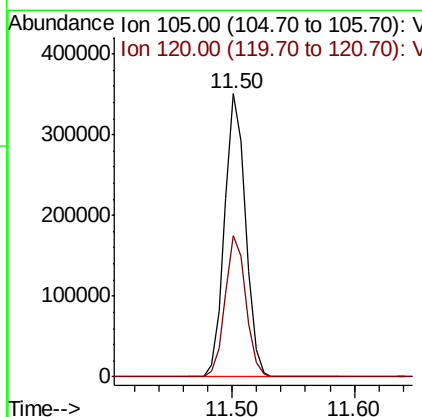
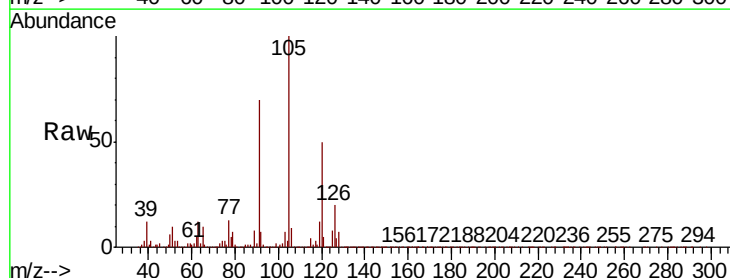
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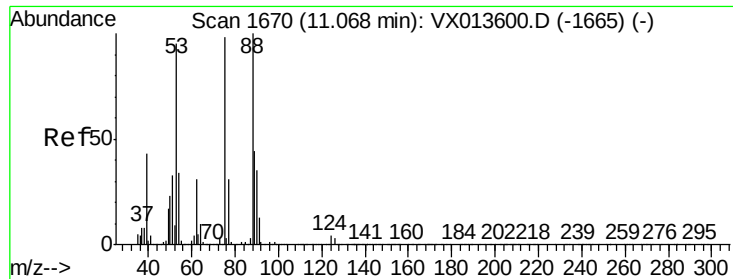
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#80
1,3,5-Trimethylbenzene
Concen: 20.089 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion: 105 Resp: 414272
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.233 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

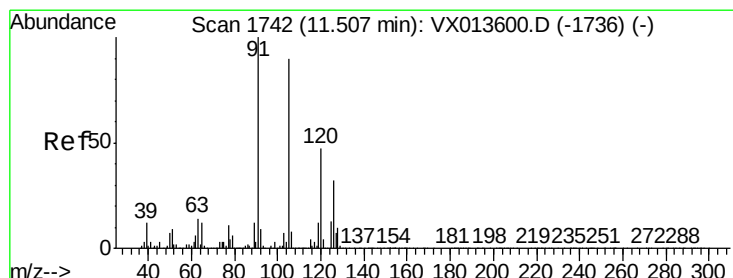
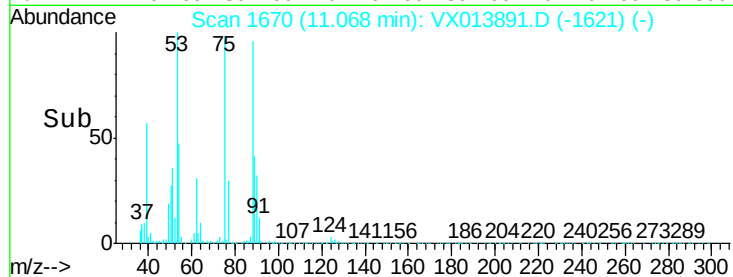
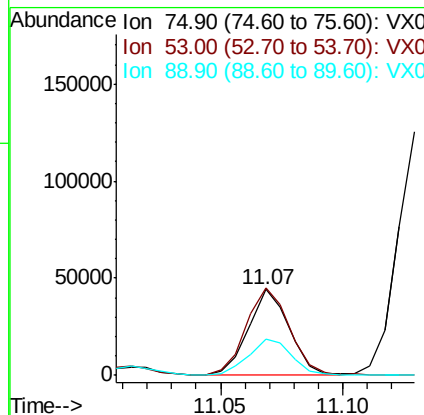
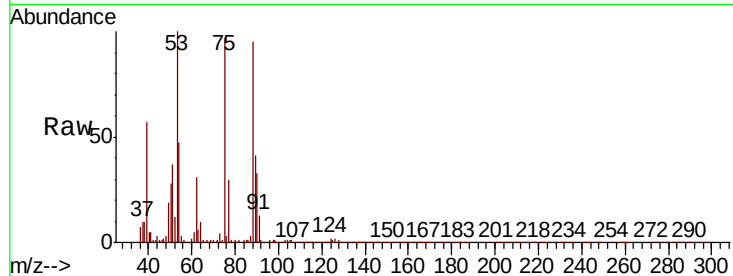
ClientSampleId :

VX1210WBS01

Tot Ion:	75	Resp:	50820
Ion	Ratio	Lower	Upper
75	100		
53	107.4	78.2	117.2
89	46.8	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.181 ug/l

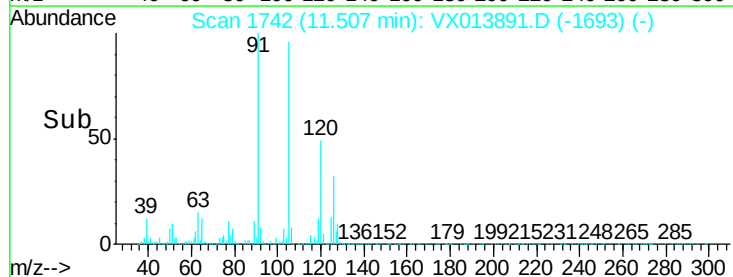
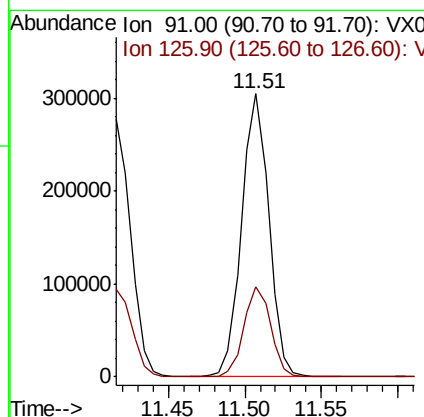
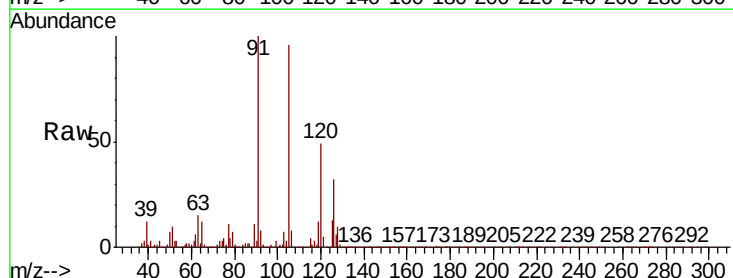
RT: 11.51 min Scan# 1742

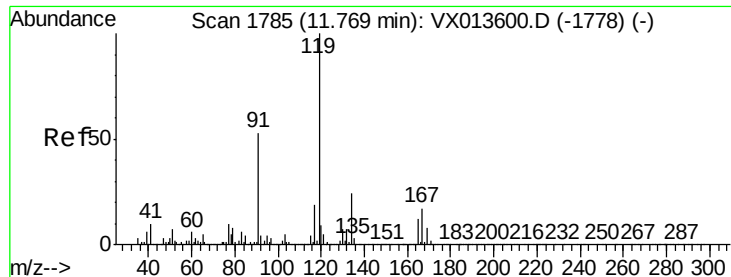
Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Tgt Ion:	91	Resp:	374317
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.0





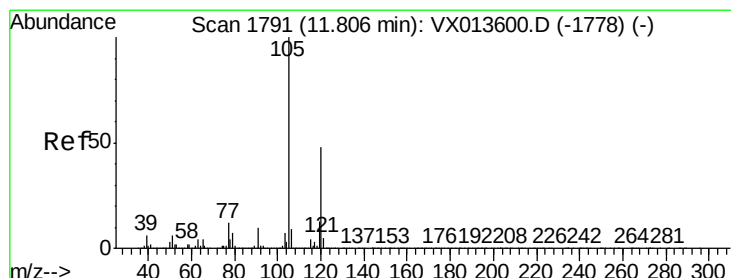
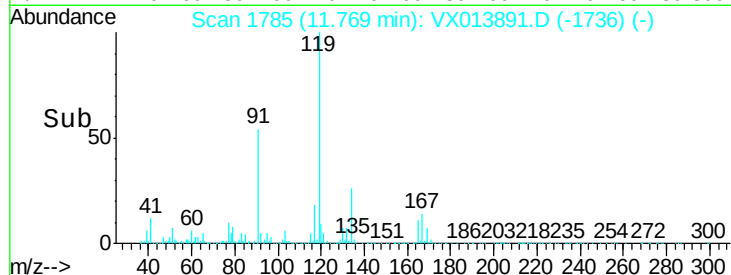
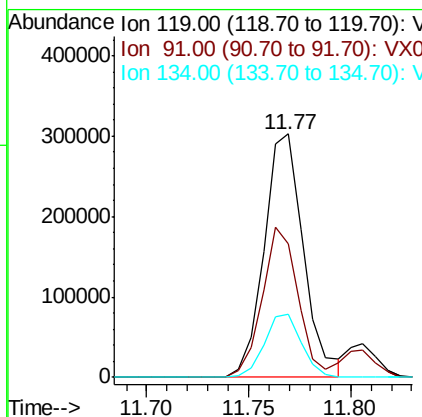
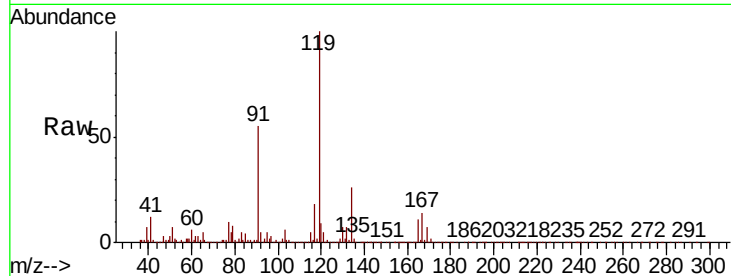
#83
 tert-Butylbenzene
 Concen: 19.444 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.7	27.2	81.6
134	24.6	11.7	35.1

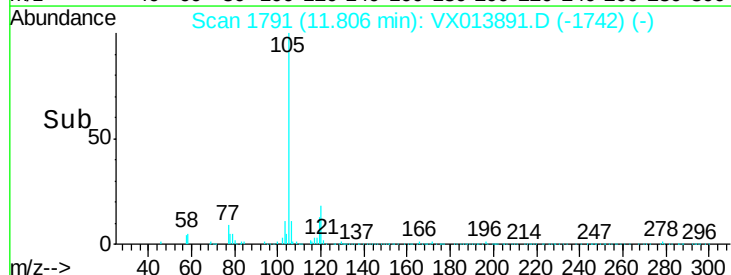
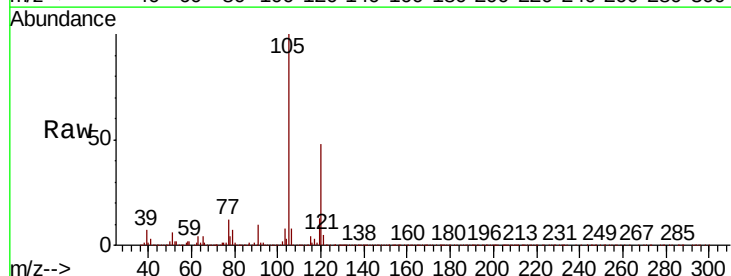
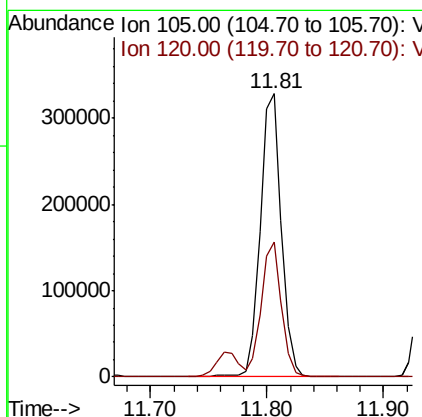
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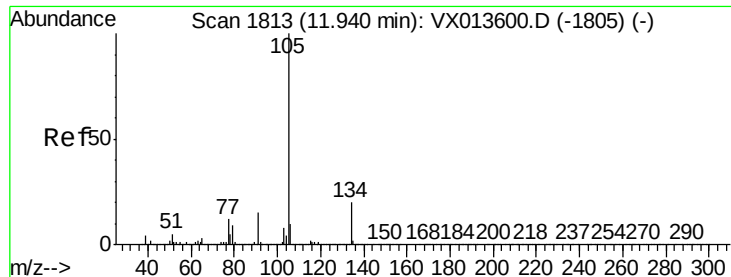
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.679 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.694 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS01

Tot Ion:105 Resp: 471444

Ion Ratio Lower Upper

105 100

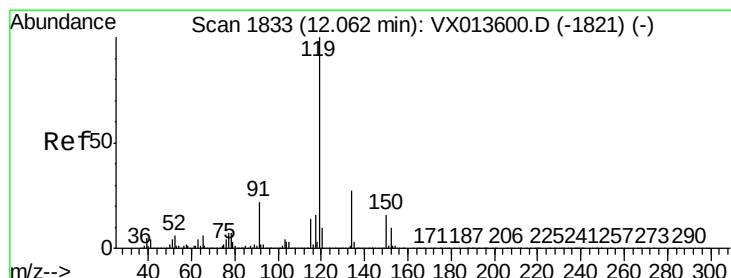
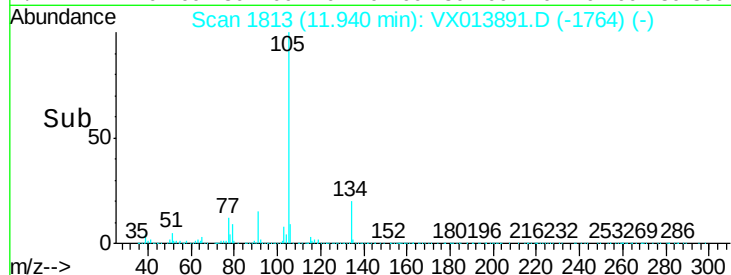
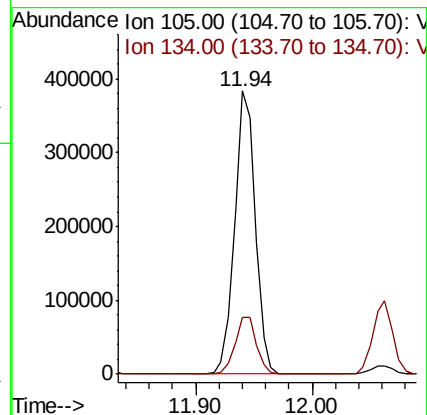
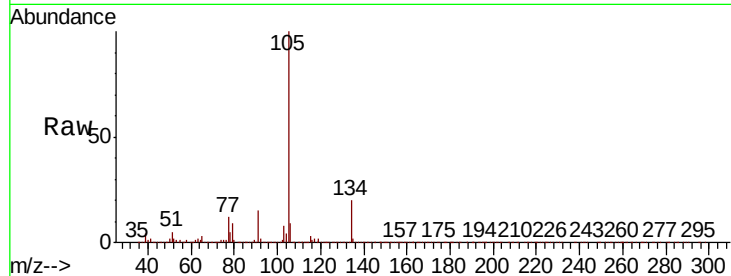
134 20.8 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.715 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013891.D

Acq: 10 Dec 2019 12:24

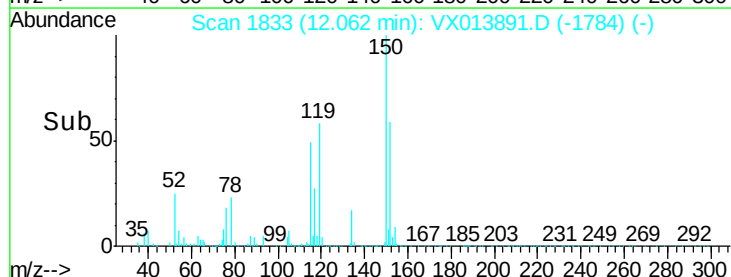
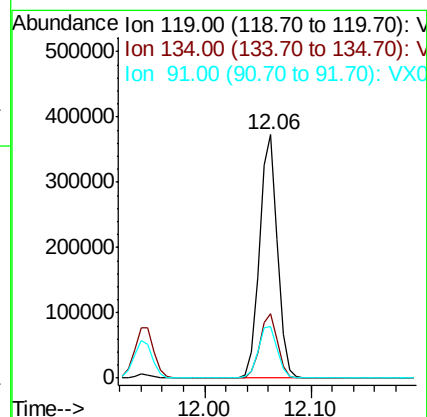
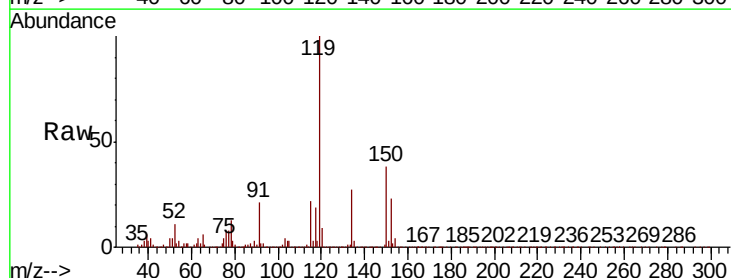
Tgt Ion:119 Resp: 439053

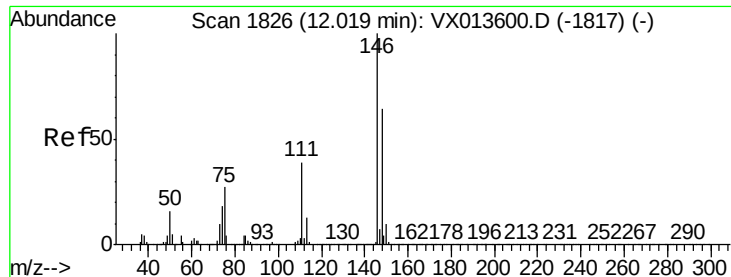
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.6 11.3 33.8





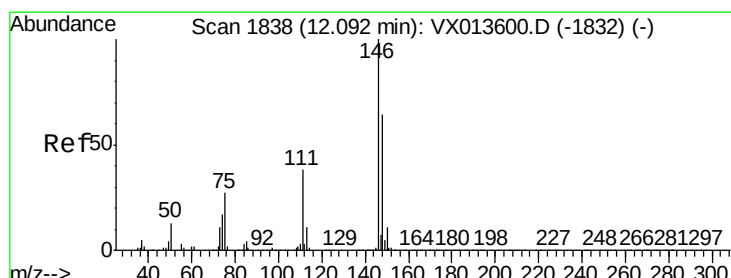
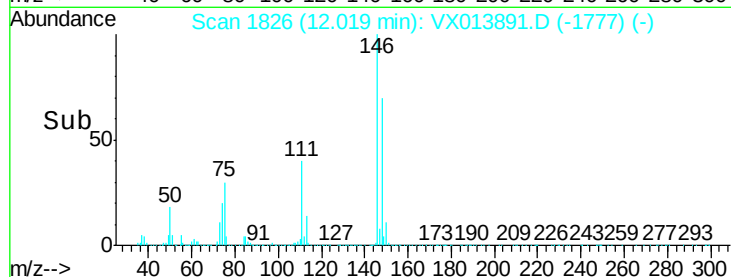
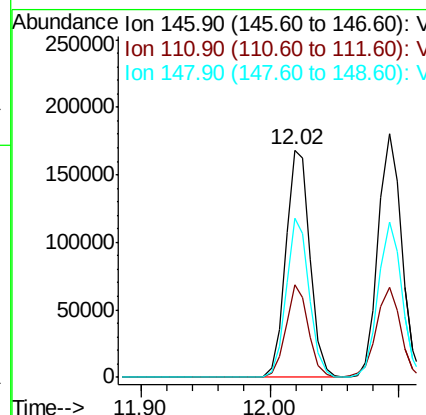
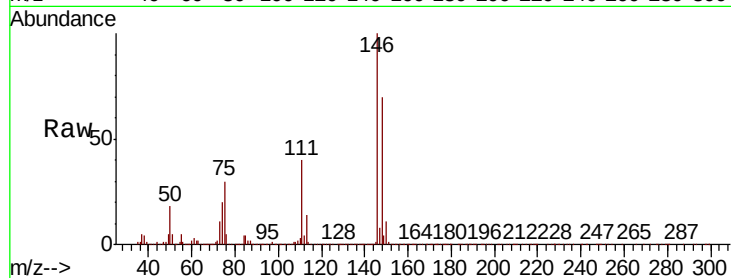
#87
 1,3-Dichlorobenzene
 Concen: 18.613 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	66.5	31.8	95.4

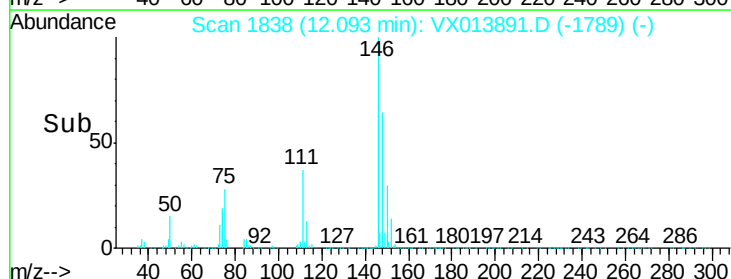
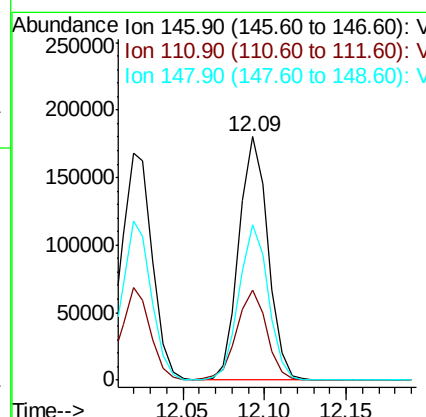
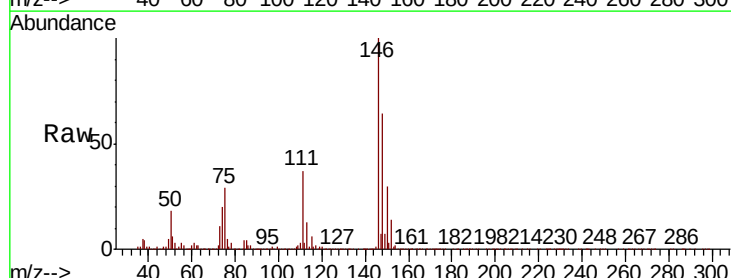
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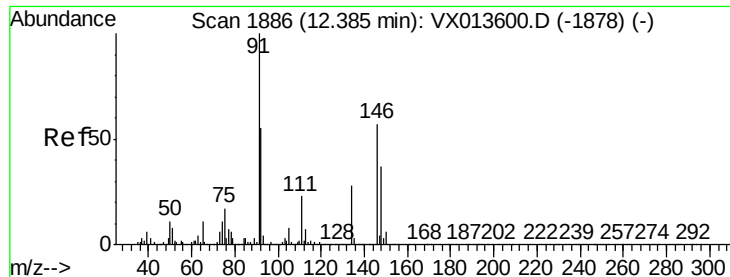
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#88
 1,4-Dichlorobenzene
 Concen: 18.468 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	65.0	31.9	95.5





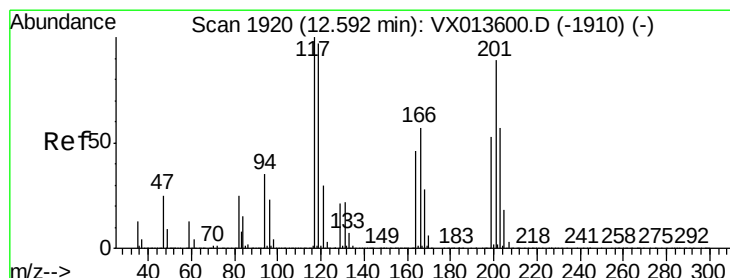
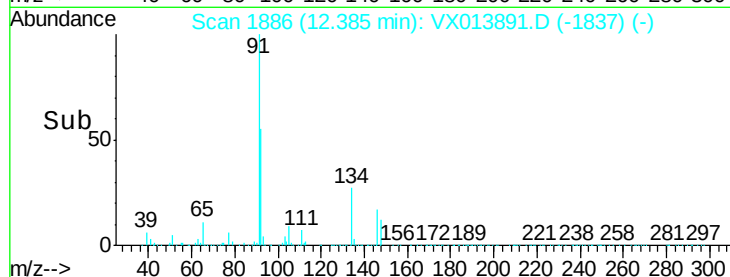
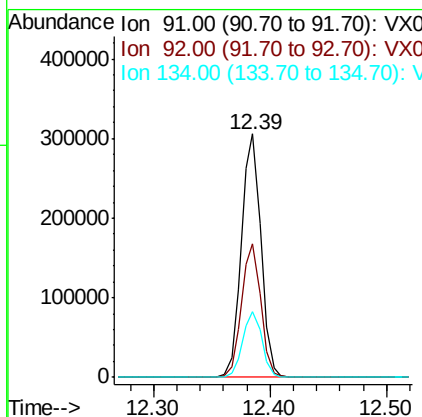
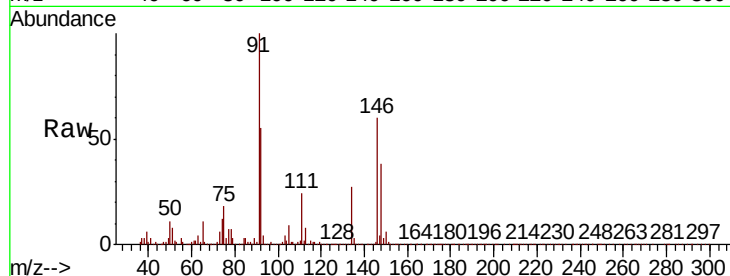
#89
n-Butylbenzene
Concen: 18.878 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	26.6	13.5	40.4

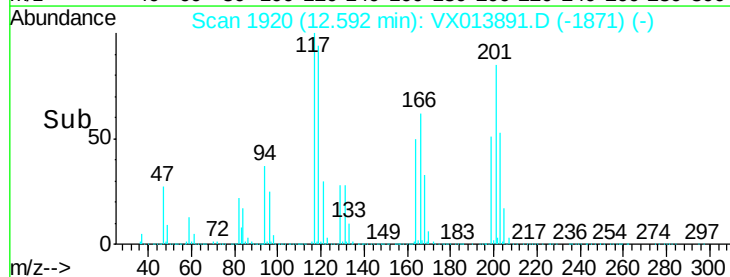
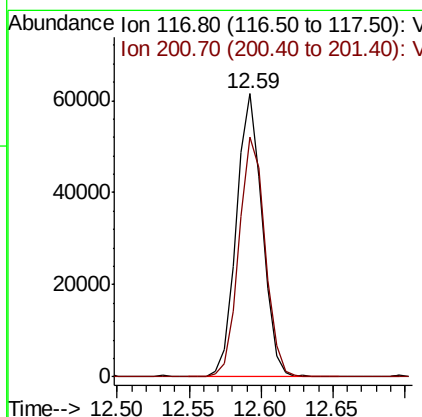
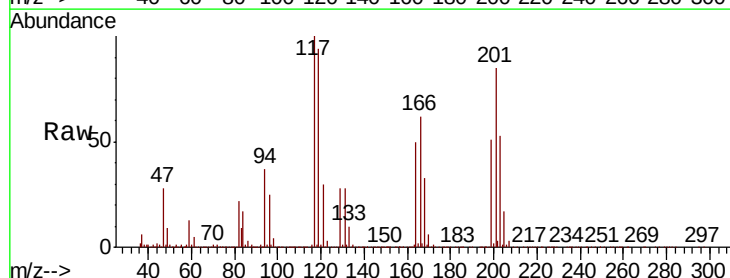
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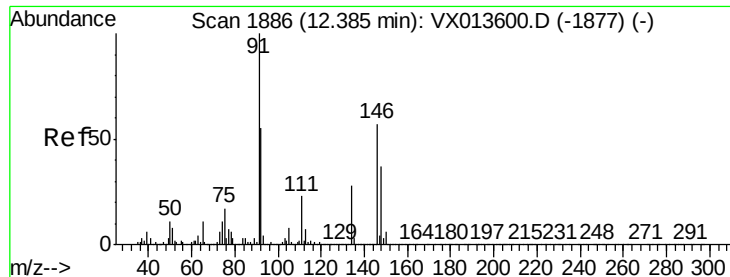
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#90
Hexachloroethane
Concen: 19.081 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	44.1	132.4





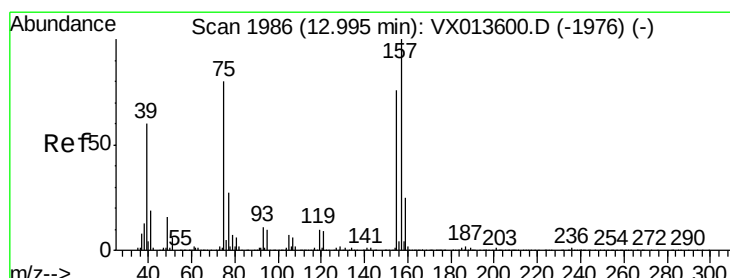
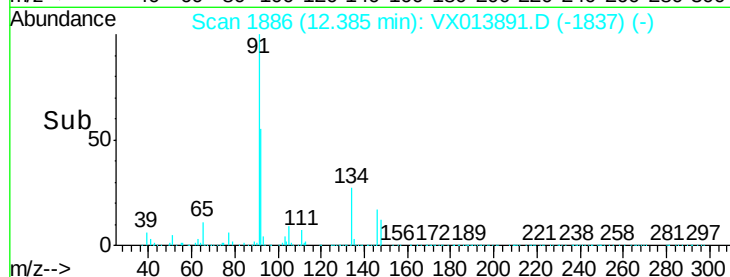
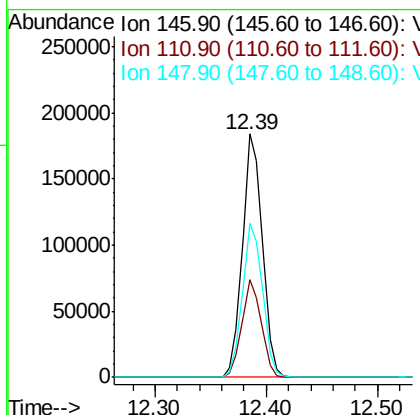
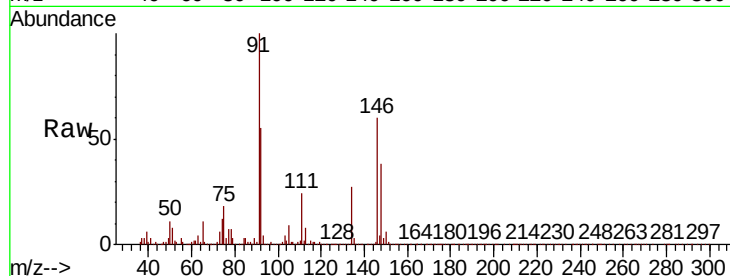
#91
1,2-Dichlorobenzene
Concen: 19.556 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	228942		
111	39.1	19.6	58.7	
148	63.9	31.9	95.7	

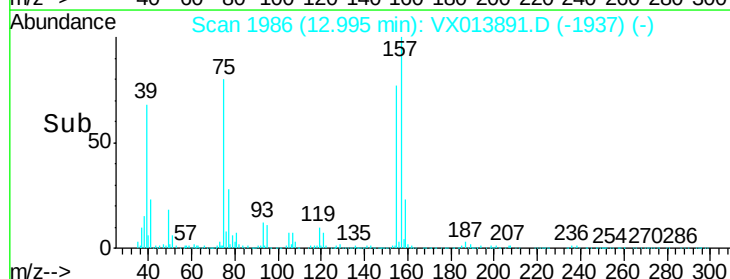
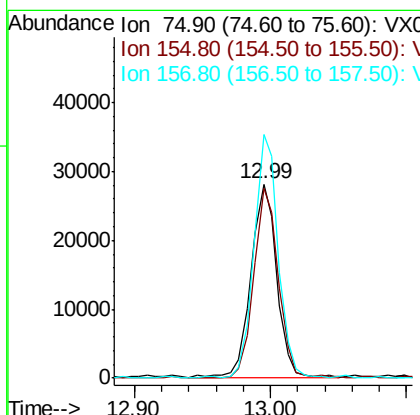
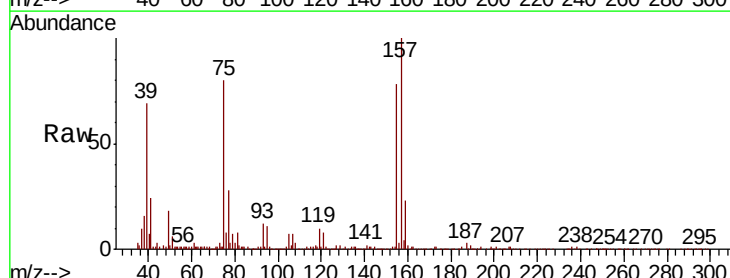
Manual Integrations
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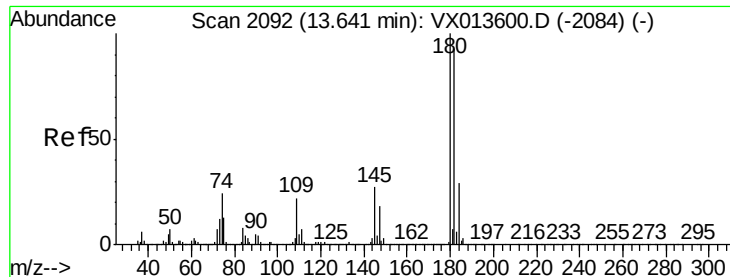
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12/11/2019 2:14:00 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.794 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37611		
155	92.6	47.6	142.8	
157	118.2	62.1	186.2	





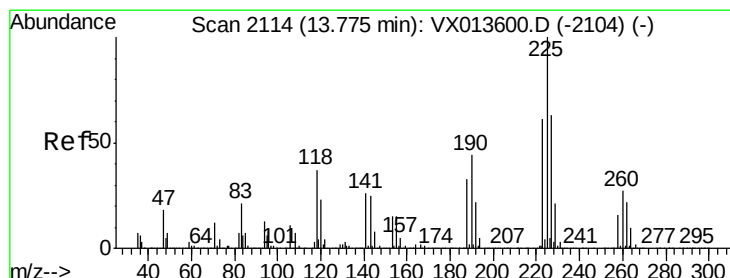
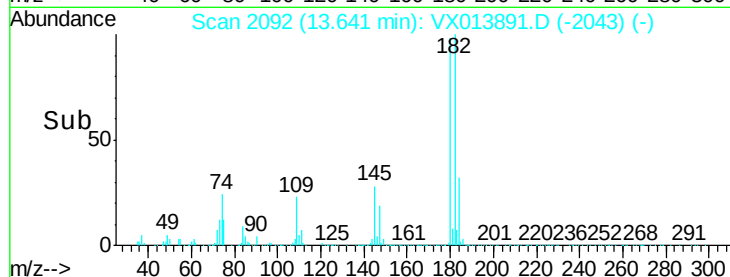
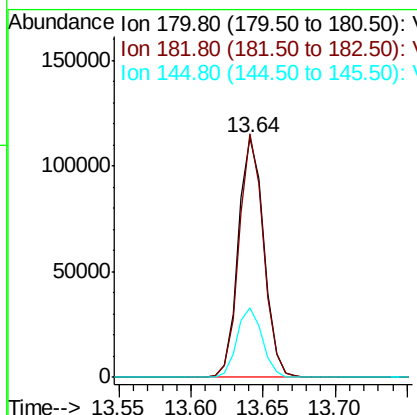
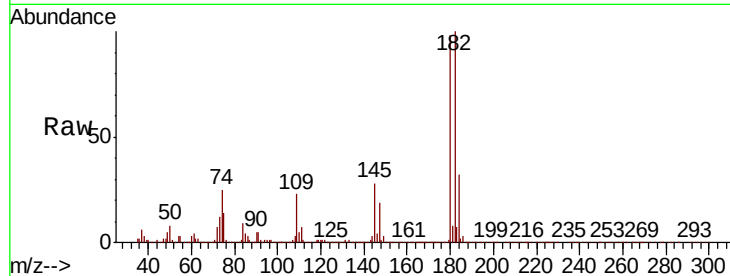
#93
 1,2,4-Trichlorobenzene
 Concen: 17.202 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140353		
182	96.5	47.2	141.6	
145	28.6	13.8	41.4	

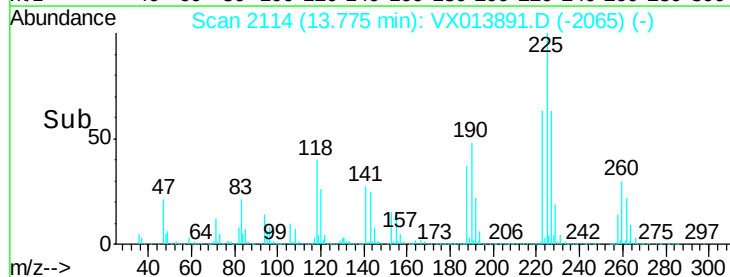
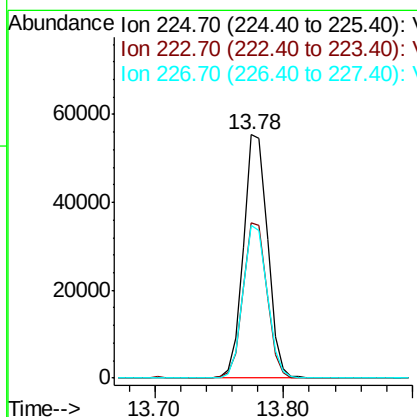
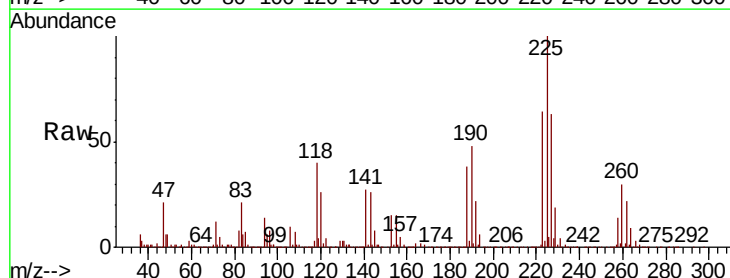
Manual Integrations
 APPROVED

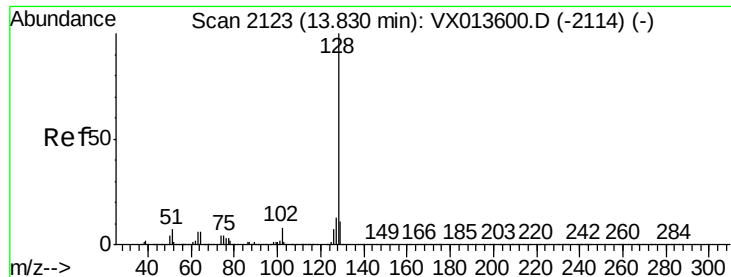
apatel
 12/11/2019 2:14:00 PM



#94
 Hexachlorobutadiene
 Concen: 18.263 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013891.D
 Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71581		
223	63.3	31.9	95.5	
227	62.3	32.1	96.3	





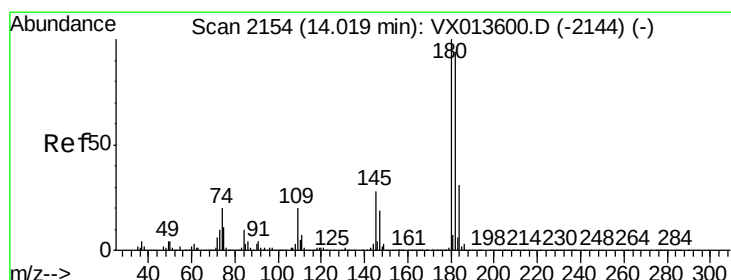
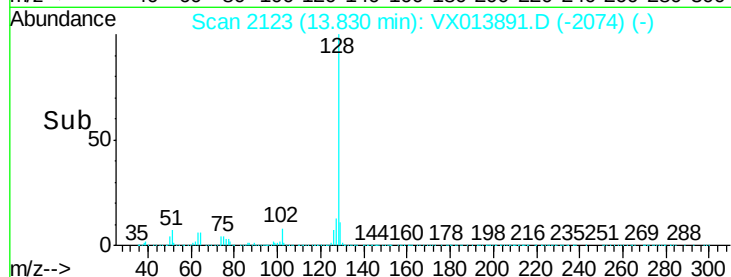
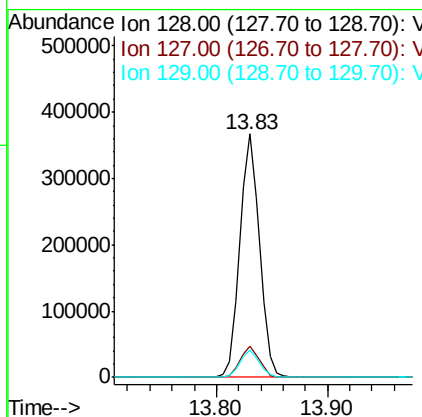
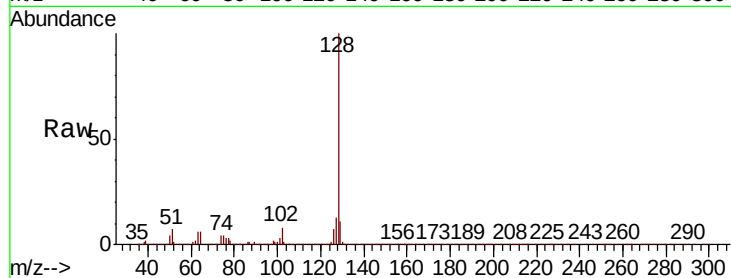
#95
Naphthalene
Concen: 18.430 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 18.063 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013891.D
Acq: 10 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.8
145	30.0	15.0	45.0

