

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013934.D
 Acq On : 11 Dec 2019 11:05
 Operator : JC/SP
 Sample : VX1211WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Manual Integrations
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 12/12/2019 9:26:31 AM

Quant Time: Dec 12 04:11:16 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	671339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1005612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	911761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	375430	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.48	113	313749	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	1195501	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	445605	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	143400	19.191	ug/l 100
3) Chloromethane	1.32	50	160249	19.112	ug/l 100
4) Vinyl Chloride	1.40	62	190160	20.150	ug/l 98
5) Bromomethane	1.64	94	114921	18.133	ug/l 98
6) Chloroethane	1.72	64	107072	19.939	ug/l 98
7) Trichlorofluoromethane	1.92	101	211210	20.156	ug/l 100
8) Diethyl Ether	2.18	74	96579	20.372	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134744	21.052	ug/l 100
10) Methyl Iodide	2.50	142	118042	15.246	ug/l 100
11) Tert butyl alcohol	3.02	59	156737	81.485	ug/l 100
12) 1,1-Dichloroethene	2.37	96	127745	19.995	ug/l 98
13) Acrolein	2.28	56	107144	87.295	ug/l 100
14) Allyl chloride	2.72	41	231326	19.952	ug/l 99
15) Acrylonitrile	3.12	53	392990	98.979	ug/l 99
16) Acetone	2.43	43	433448	112.661	ug/l 99
17) Carbon Disulfide	2.56	76	314103	17.246	ug/l 99
18) Methyl Acetate	2.76	43	227129	21.200	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	434802	20.543	ug/l 99
20) Methylene Chloride	2.84	84	149051	20.165	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	137130	19.702	ug/l 97
22) Diisopropyl ether	3.84	45	477424	21.385	ug/l 89
23) Vinyl Acetate	3.80	43	1895712	102.072	ug/l 98
24) 1,1-Dichloroethane	3.69	63	257255	21.079	ug/l 99
25) 2-Butanone	4.65	43	583239	102.002	ug/l 98
26) 2,2-Dichloropropane	4.57	77	203730	20.176	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	159508	19.956	ug/l 98
28) Bromochloromethane	5.00	49	108603	22.511	ug/l 97
29) Tetrahydrofuran	5.11	42	343107	97.338	ug/l 99
30) Chloroform	5.19	83	251563	20.325	ug/l 99
31) Cyclohexane	5.57	56	223122	19.383	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	209861	20.290	ug/l 100
36) 1,1-Dichloropropene	5.78	75	188618	20.663	ug/l 100
37) Ethyl Acetate	4.81	43	213792	20.877	ug/l 99
38) Carbon Tetrachloride	5.77	117	175459	20.845	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	227456	20.158	ug/l	100
40) Benzene	6.13	78	571206	20.545	ug/l	100
41) Methacrylonitrile	5.03	41	120605	21.475	ug/l	98
42) 1,2-Dichloroethane	6.18	62	198654	20.951	ug/l	99
43) Isopropyl Acetate	6.43	43	336934	19.985	ug/l	99
44) Trichloroethene	7.20	130	154897	20.300	ug/l	99
45) 1,2-Dichloropropane	7.51	63	151863	21.832	ug/l	97
46) Dibromomethane	7.65	93	98763	20.905	ug/l	96
47) Bromodichloromethane	7.89	83	192942	21.603	ug/l	95
48) Methyl methacrylate	7.76	41	167799	20.484	ug/l	97
49) 1,4-Dioxane	7.73	88	65815	358.939	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1097290	103.469	ug/l	99
52) Toluene	8.78	92	365366	21.154	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	209049	20.564	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	234342	21.100	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	151464	21.761	ug/l	98
56) Ethyl methacrylate	9.17	69	234055	20.916	ug/l	100
57) 1,3-Dichloropropane	9.37	76	256711	21.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	341396	77.812	ug/l	99
59) 2-Hexanone	9.48	43	844662	102.122	ug/l	98
60) Dibromochloromethane	9.57	129	153313	21.225	ug/l	100
61) 1,2-Dibromoethane	9.67	107	154735	20.815	ug/l	98
64) Tetrachloroethene	9.33	164	150018	22.064	ug/l	98
65) Chlorobenzene	10.14	112	400315	21.147	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	143207	21.067	ug/l	99
67) Ethyl Benzene	10.25	91	694385	21.347	ug/l	98
68) m/p-Xylenes	10.35	106	526989	42.315	ug/l	99
69) o-Xylene	10.70	106	252365	20.777	ug/l	98
70) Styrene	10.71	104	438032	21.438	ug/l	99
71) Bromoform	10.85	173	112721	20.041	ug/l	100
73) Isopropylbenzene	11.01	105	690489	20.535	ug/l	99
74) N-amyl acetate	10.89	43	298960	19.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	231261	19.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188185m	17.455	ug/l	
77) Bromobenzene	11.25	156	178934	19.698	ug/l	98
78) n-propylbenzene	11.35	91	799171	21.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	458011	20.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	580709	21.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68113	17.284	ug/l	93
82) 4-Chlorotoluene	11.51	91	542319	20.795	ug/l	99
83) tert-Butylbenzene	11.76	119	571999	20.423	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	577982	20.665	ug/l	99
85) sec-Butylbenzene	11.94	105	685851	21.439	ug/l	99
86) p-Isopropyltoluene	12.06	119	619186	20.805	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322798	20.386	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	329054	20.402	ug/l	100
89) n-Butylbenzene	12.39	91	560888	22.097	ug/l	100
90) Hexachloroethane	12.59	117	107386	19.963	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	320450	20.482	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49030	19.308	ug/l	95

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ClientSampleId :
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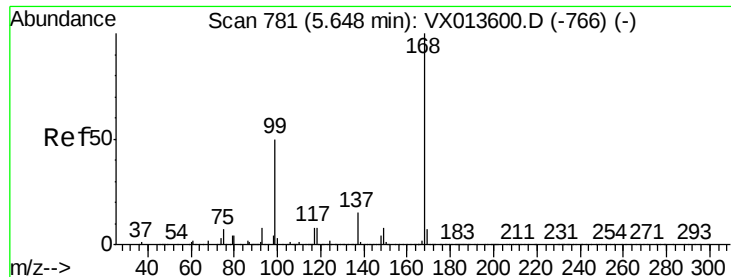
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	231395	21.222	ug/l	100
94) Hexachlorobutadiene	13.78	225	106386	20.311	ug/l	99
95) Naphthalene	13.83	128	654835	20.167	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	225540	20.891	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion:168 Resp: 671339

Ion Ratio Lower Upper

168 100

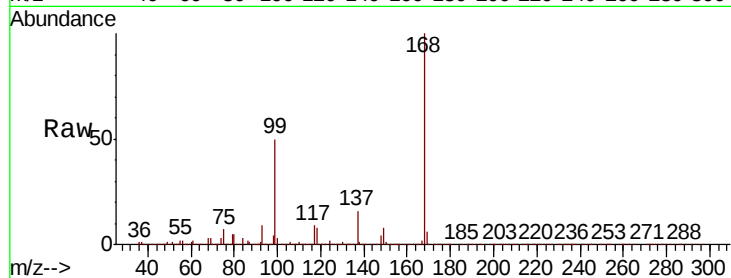
99 49.4 39.8 59.8

Manual Integrations

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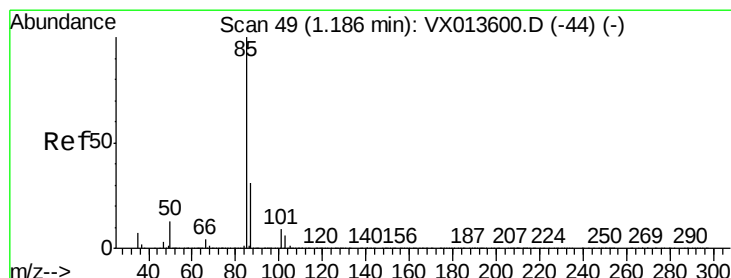
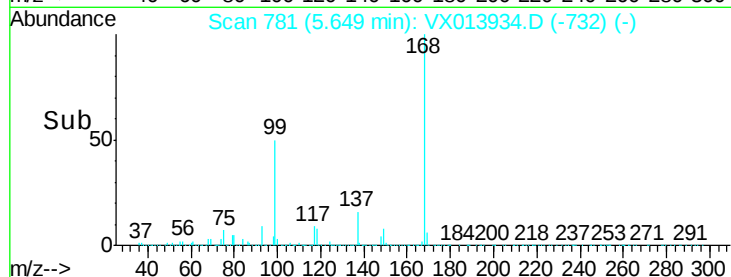
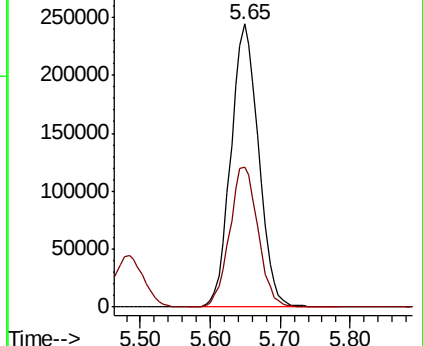
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.191 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013934.D

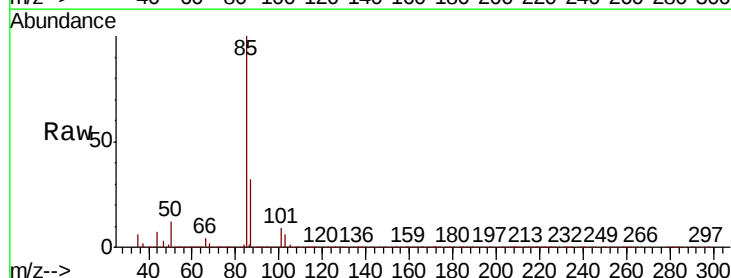
Acq: 11 Dec 2019 11:05

Tgt Ion: 85 Resp: 143400

Ion Ratio Lower Upper

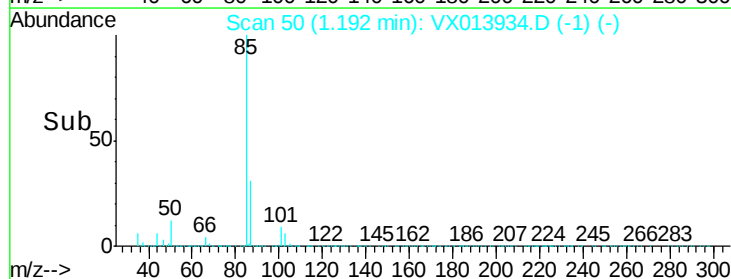
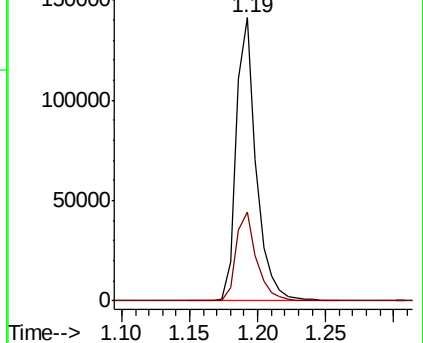
85 100

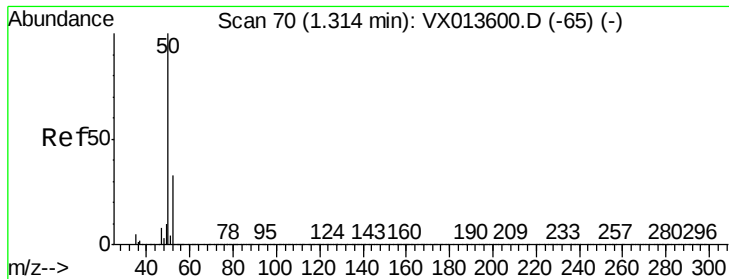
87 31.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.112 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 50 Resp: 160249

Ion Ratio Lower Upper

50 100

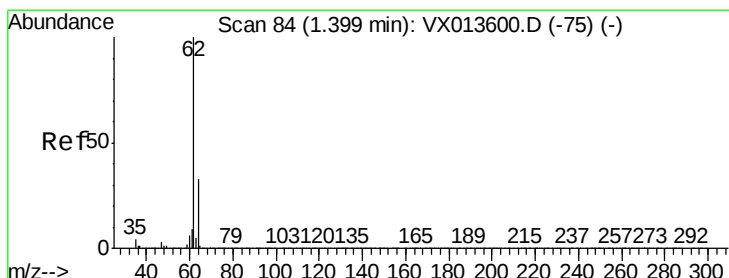
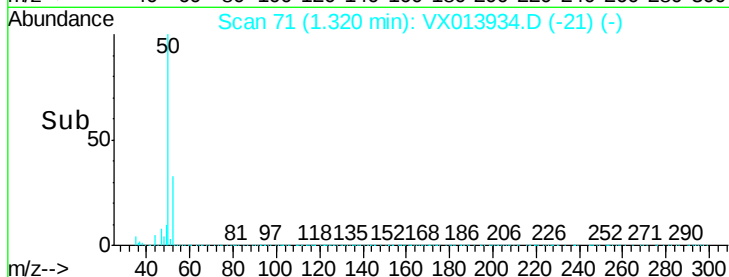
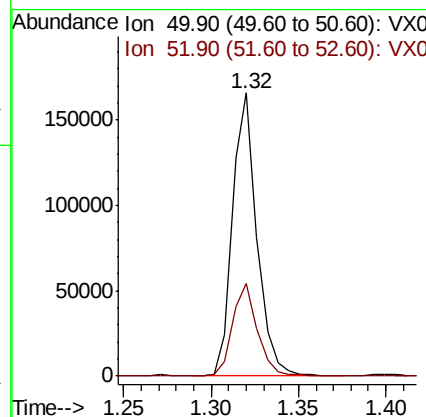
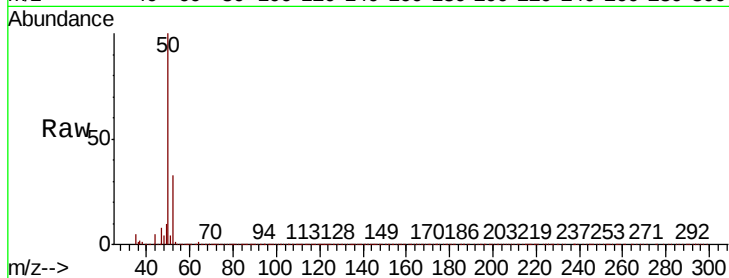
52 32.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.150 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013934.D

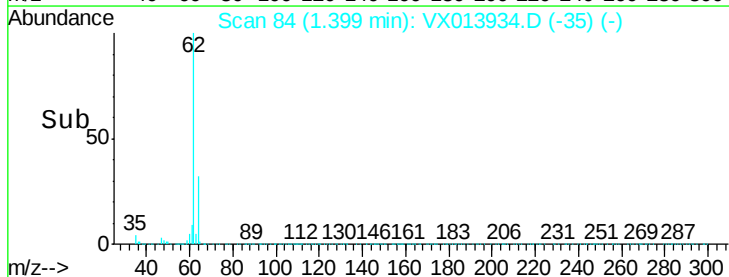
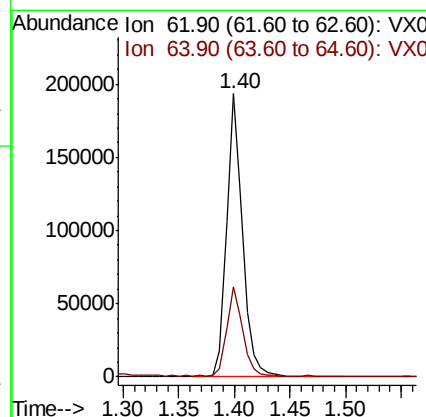
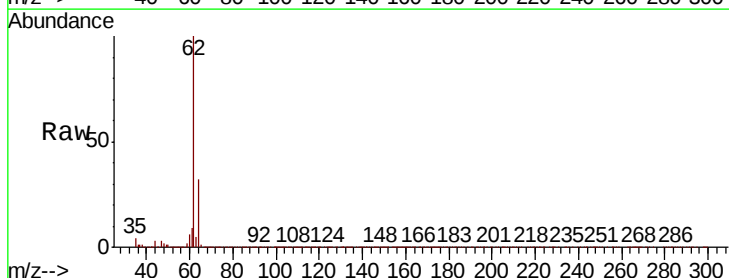
Acq: 11 Dec 2019 11:05

Tgt Ion: 62 Resp: 190160

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 18.133 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 94 Resp: 114921

Ion Ratio Lower Upper

94 100

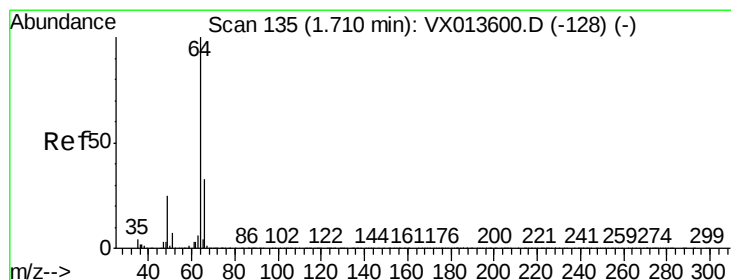
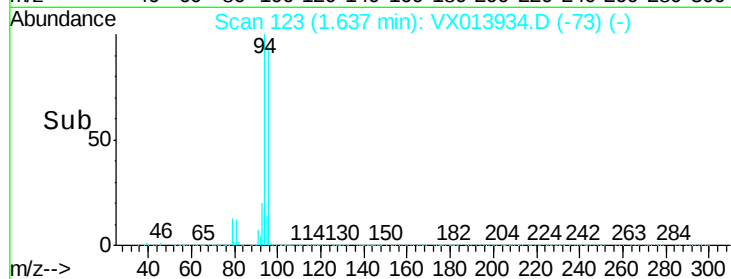
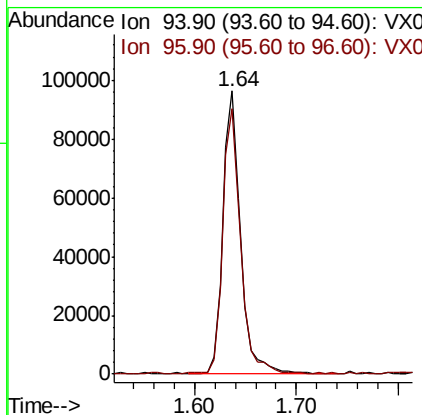
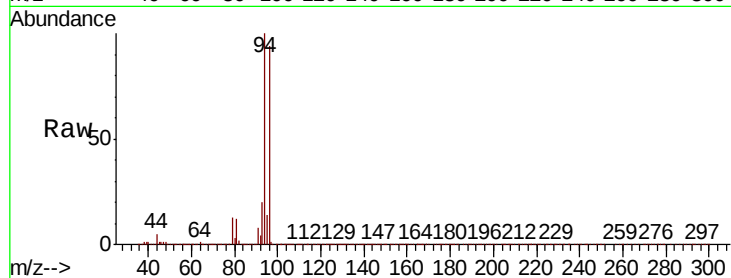
96 93.8 77.0 115.4

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#6

Chloroethane

Concen: 19.939 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX013934.D

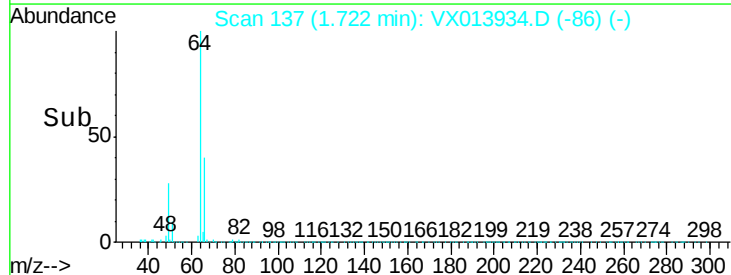
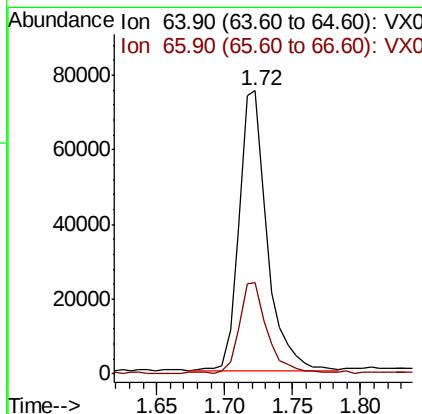
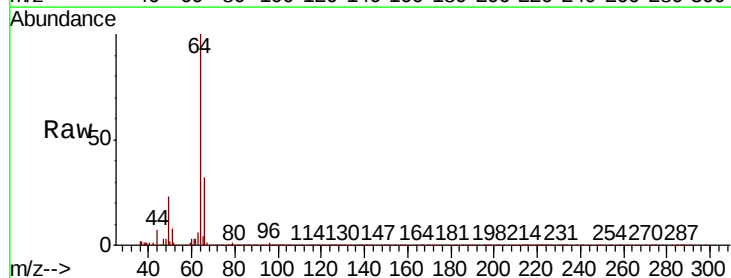
Acq: 11 Dec 2019 11:05

Tgt Ion: 64 Resp: 107072

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1





#7

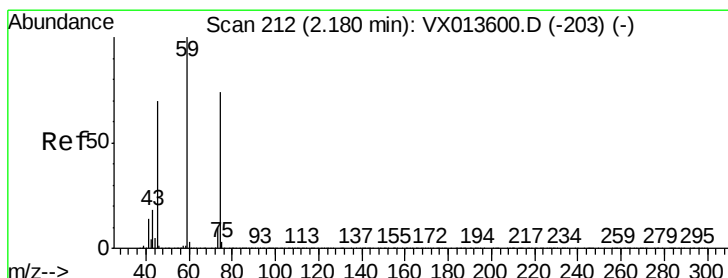
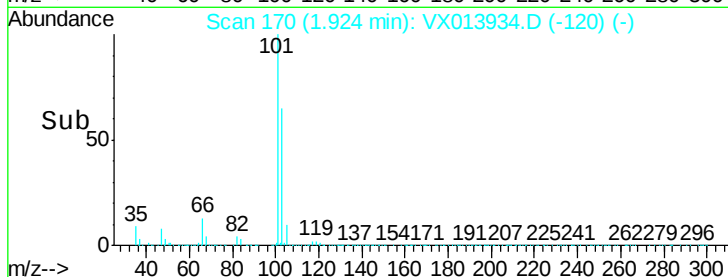
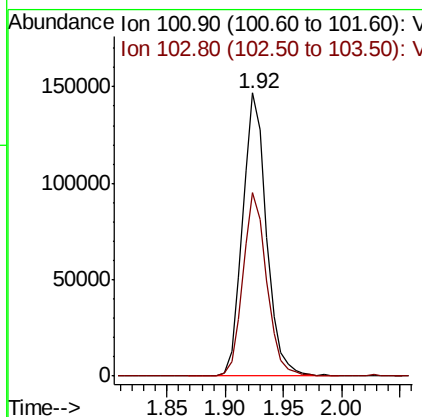
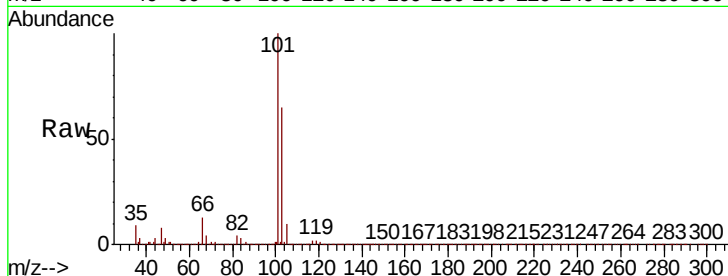
Trichlorofluoromethane
Concen: 20.156 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.6

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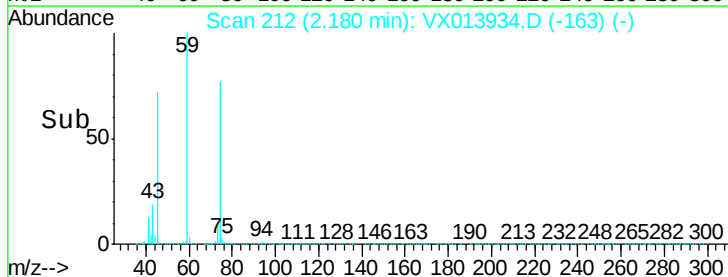
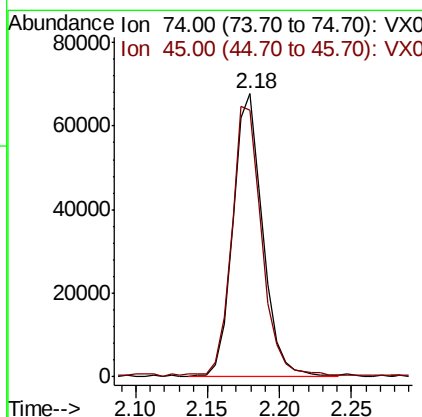
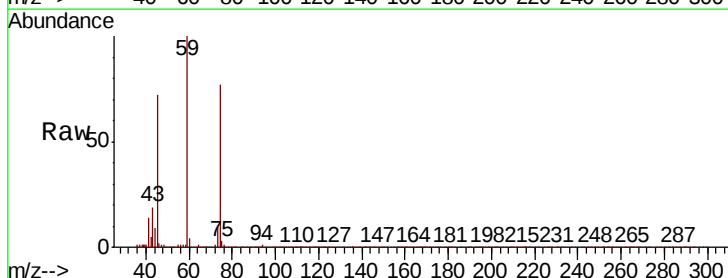
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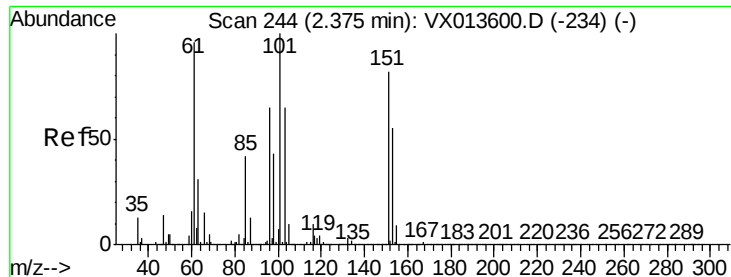


#8

Diethyl Ether
Concen: 20.372 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.052 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

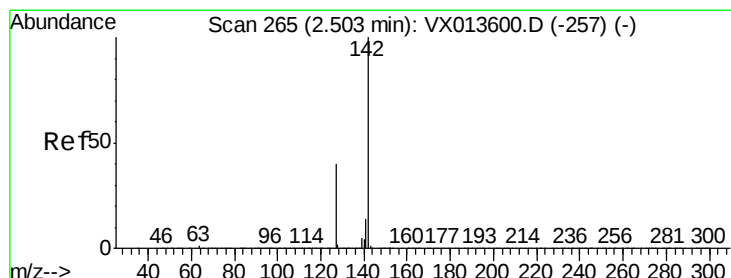
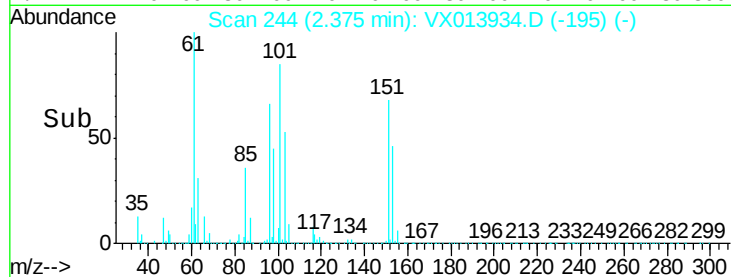
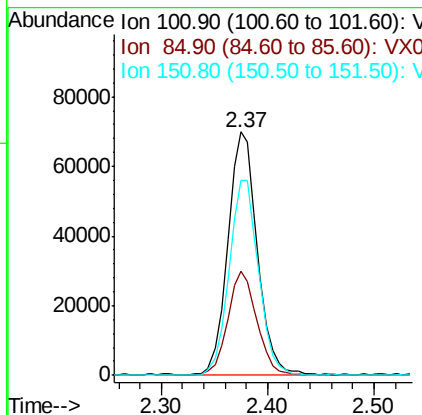
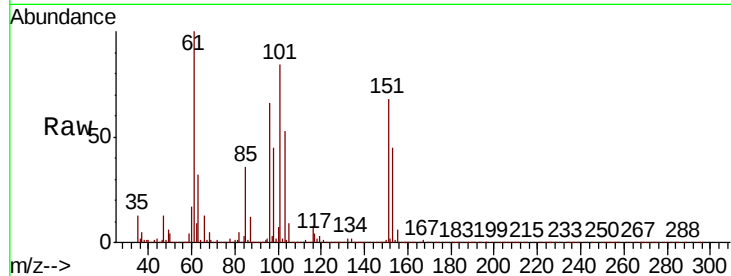
ClientSampleId :

VX1211WBS01

Tot Ion:	101	Resp:	134744
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.9	50.9
151	80.6	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 15.246 ug/l

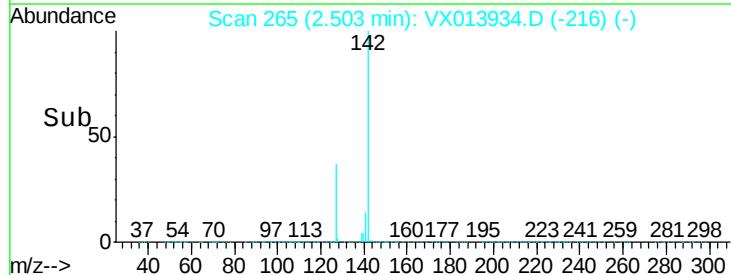
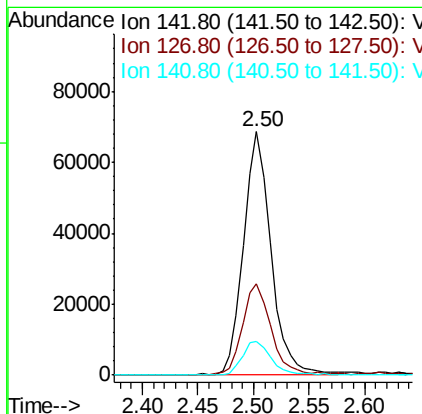
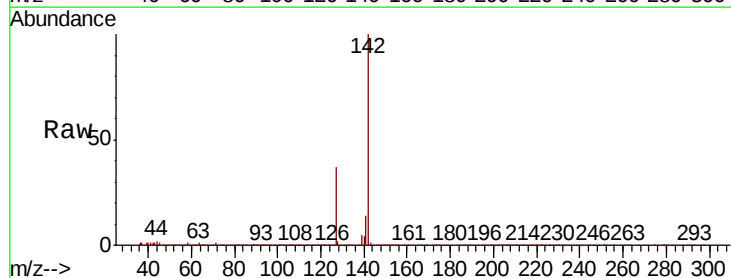
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	142	Resp:	118042
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.0	46.4
141	14.5	11.6	17.4





#11

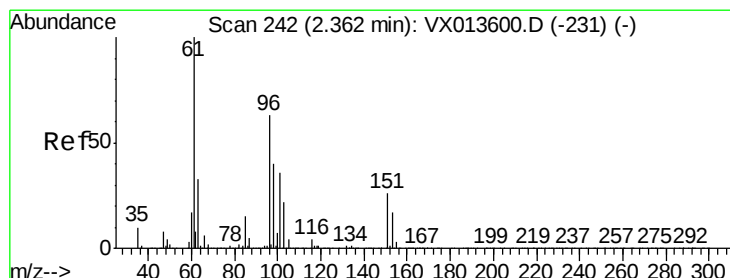
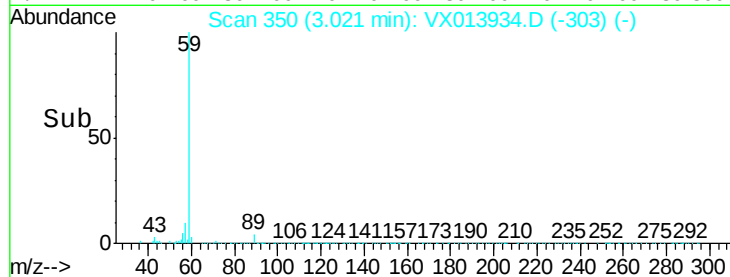
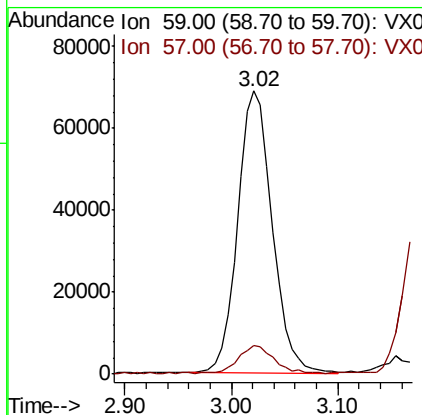
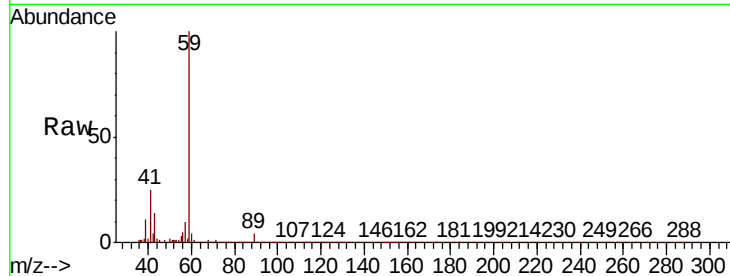
Tert butyl alcohol
Concen: 81.485 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.6

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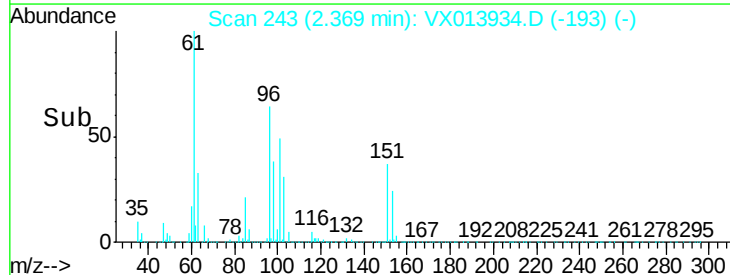
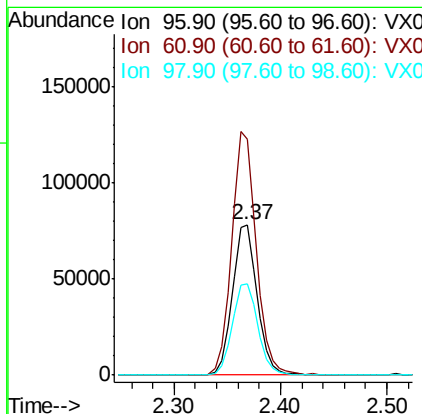
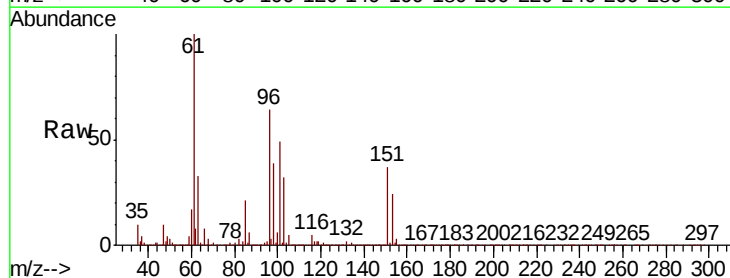
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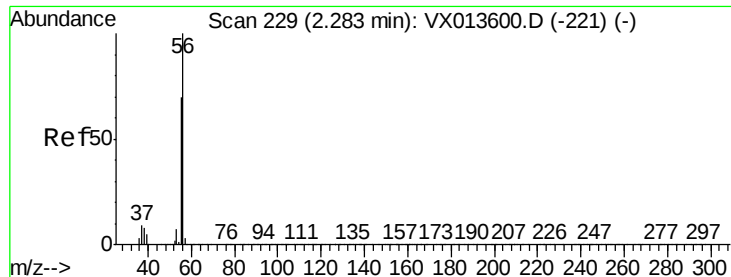


#12

1,1-Dichloroethene
Concen: 19.995 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.2	126.6	190.0
98	60.4	50.6	76.0





#13

Acrolein

Concen: 87.295 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 56 Resp: 107144

Ion Ratio Lower Upper

56 100

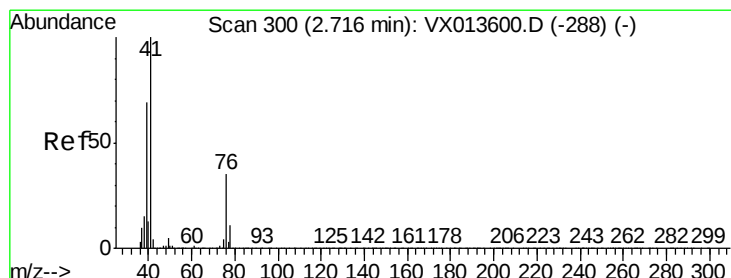
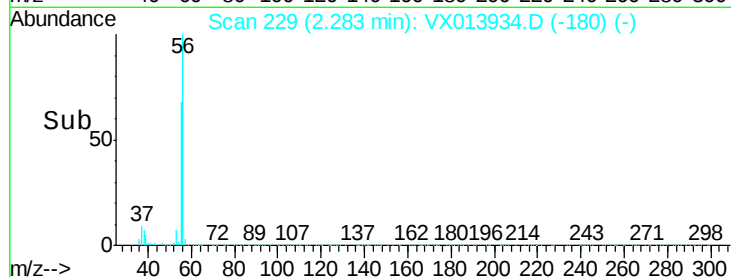
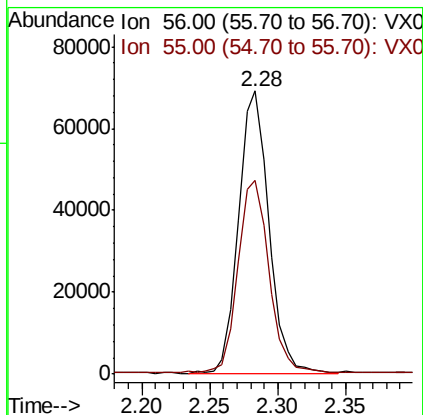
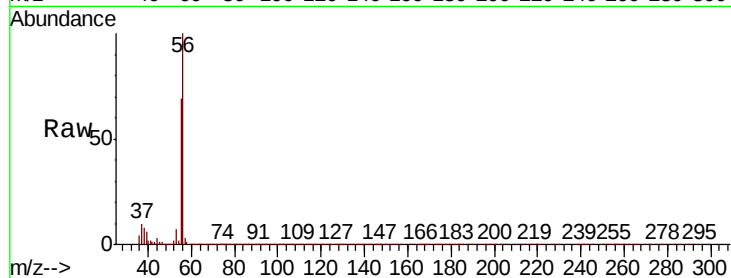
55 70.1 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.952 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

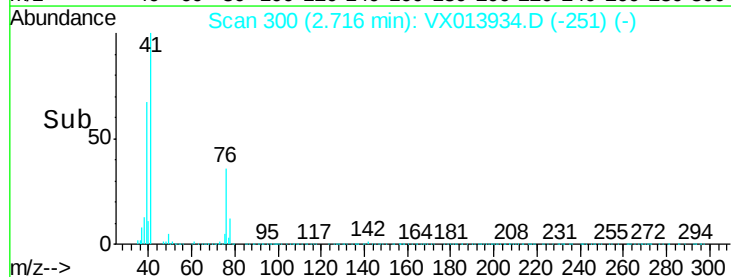
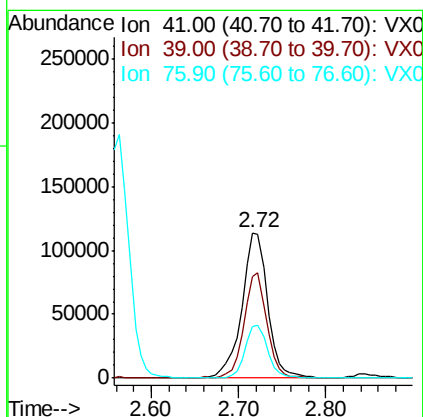
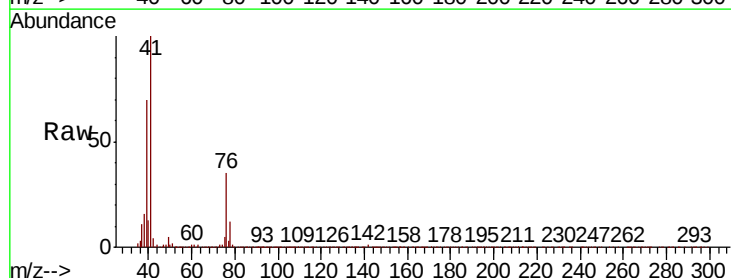
Tgt Ion: 41 Resp: 231326

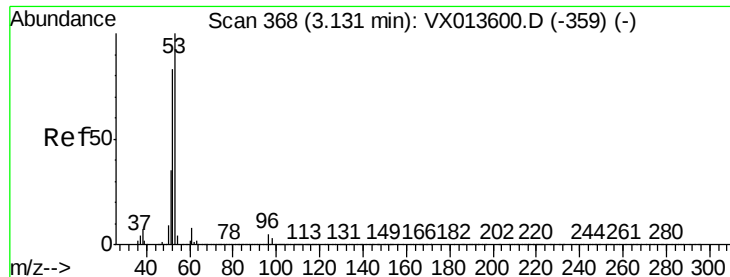
Ion Ratio Lower Upper

41 100

39 63.8 51.7 77.5

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 98.979 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

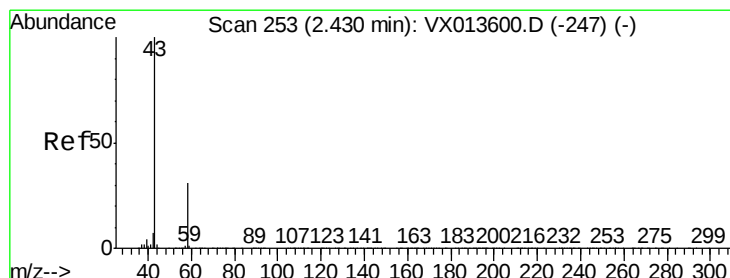
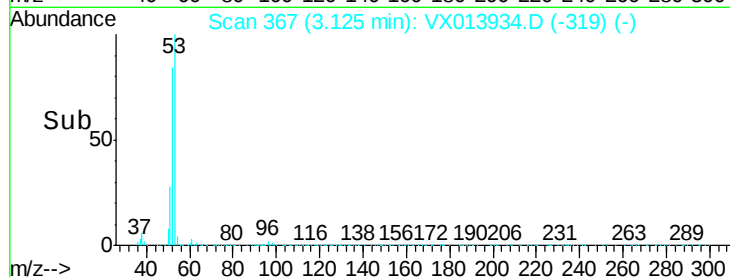
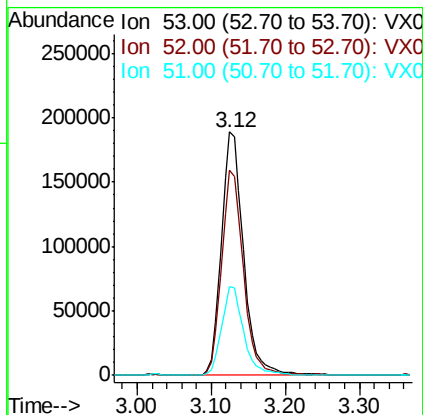
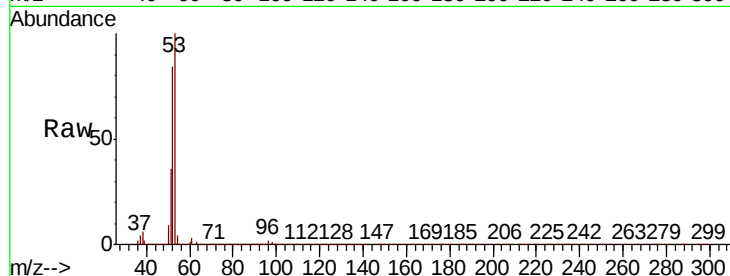
ClientSampleId :

VX1211WBS01

Tot Ion:	53	Resp:	392990
Ion Ratio		Lower	Upper
53	100		
52	82.0	66.2	99.2
51	36.0	29.0	43.6

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#16

Acetone

Concen: 112.661 ug/l

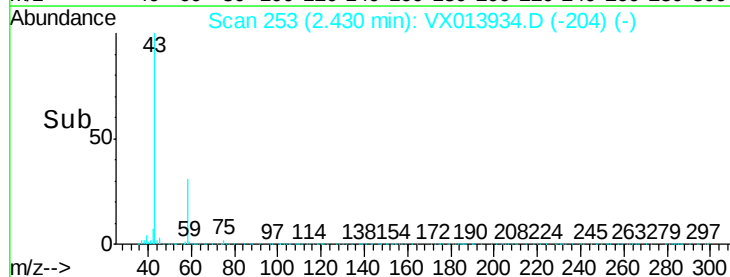
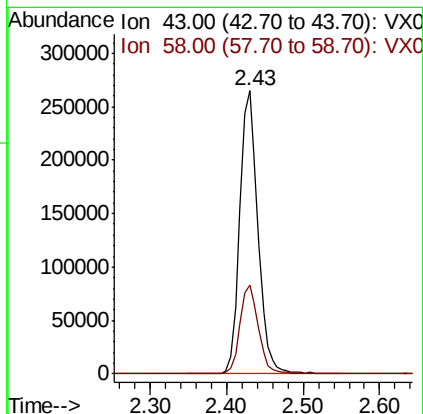
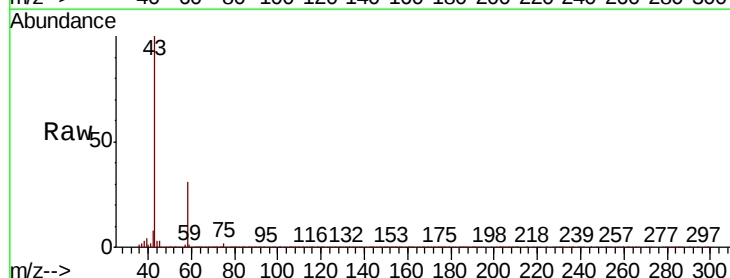
RT: 2.43 min Scan# 253

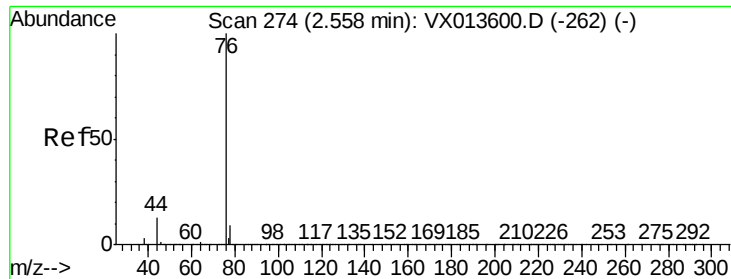
Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	43	Resp:	433448
Ion Ratio		Lower	Upper
43	100		
58	31.3	24.6	36.8





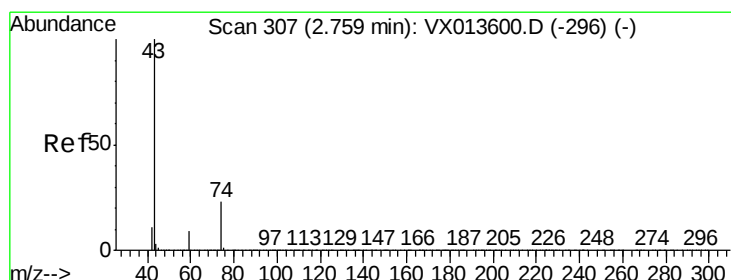
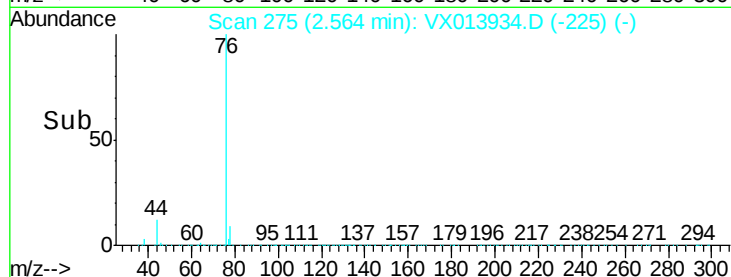
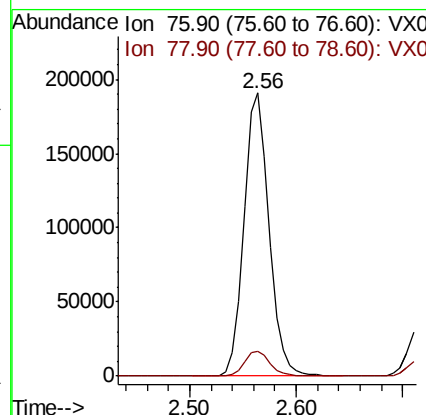
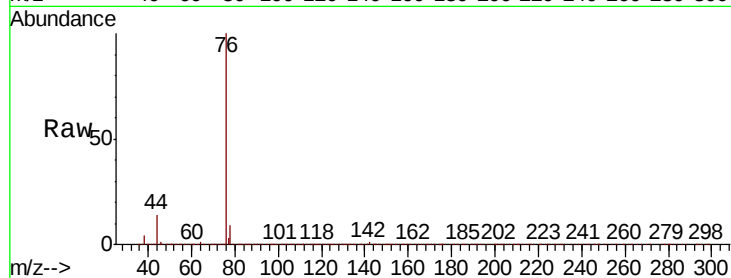
#17
Carbon Disulfide
Concen: 17.246 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

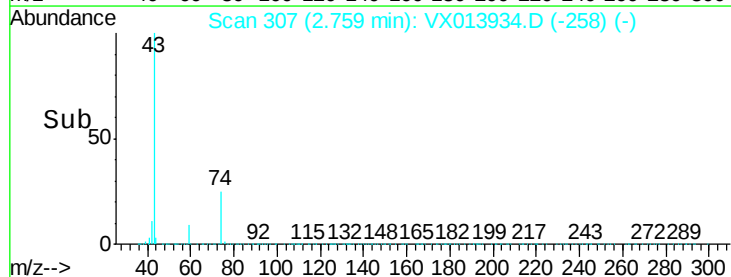
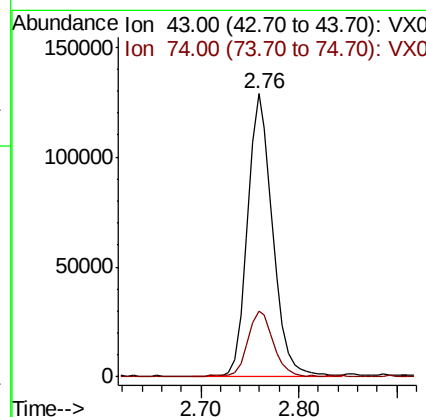
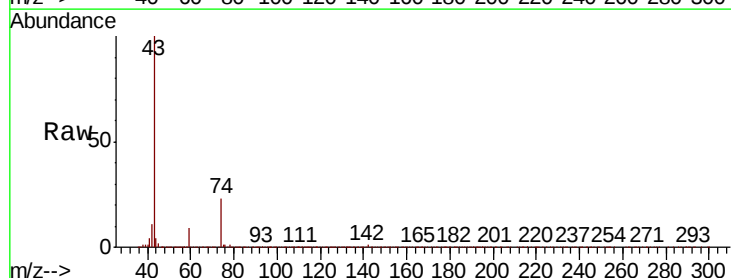
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#18
Methyl Acetate
Concen: 21.200 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.5	29.3





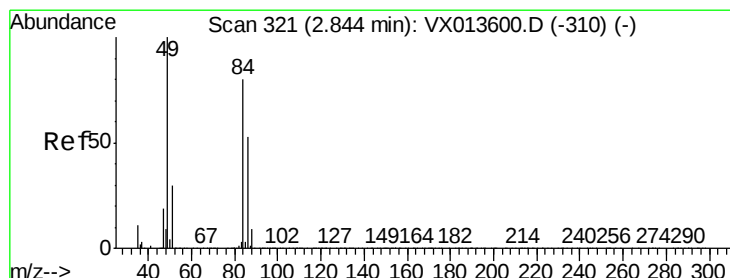
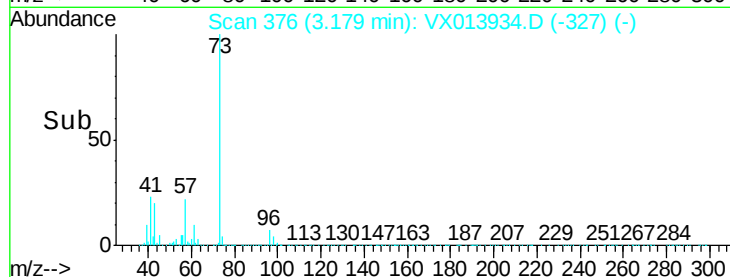
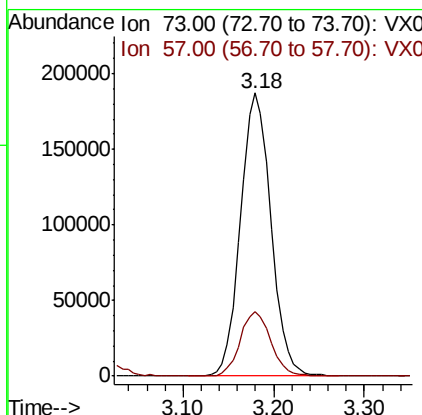
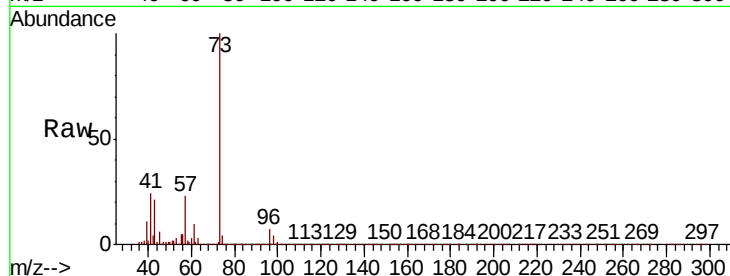
#19
Methvl tert-butvl Ether
Concen: 20.543 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.3	27.5

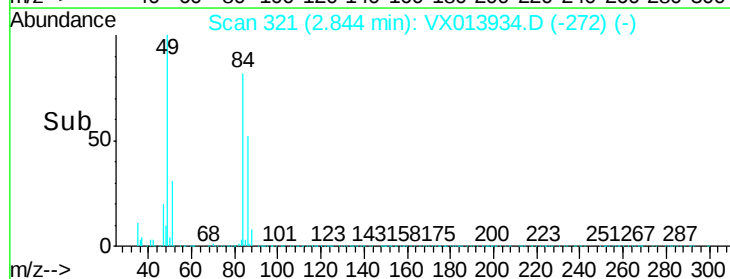
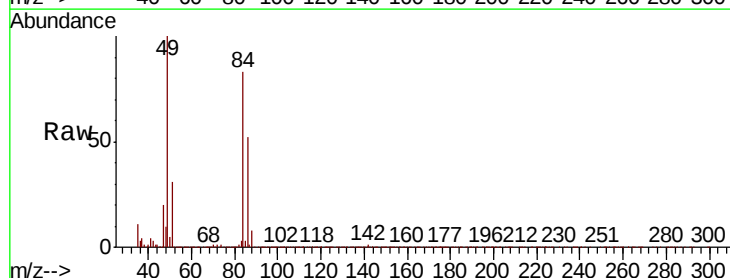
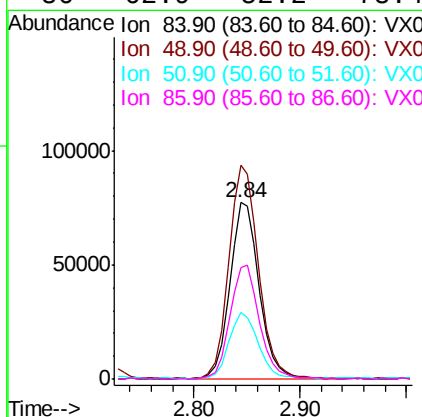
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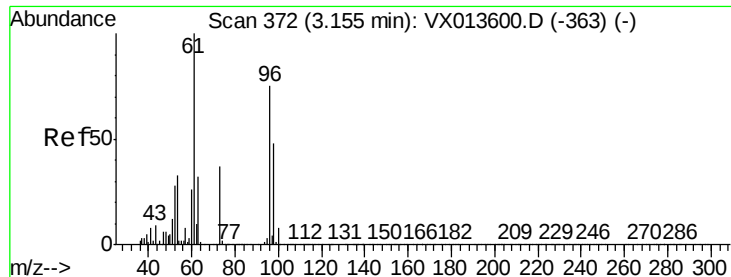
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#20
Methylene Chloride
Concen: 20.165 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	99.7	149.5
51	37.7	29.9	44.9
86	62.9	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 19.702 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

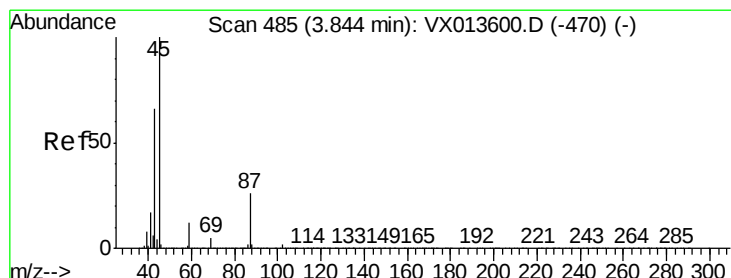
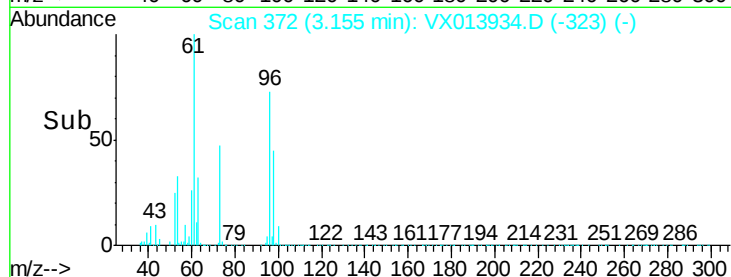
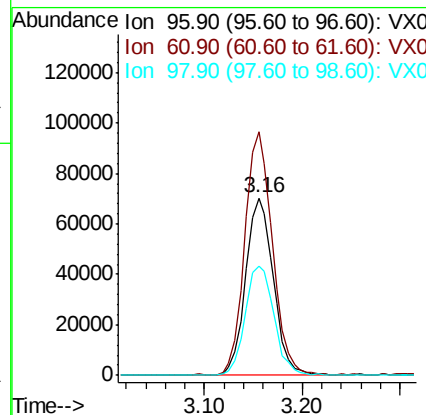
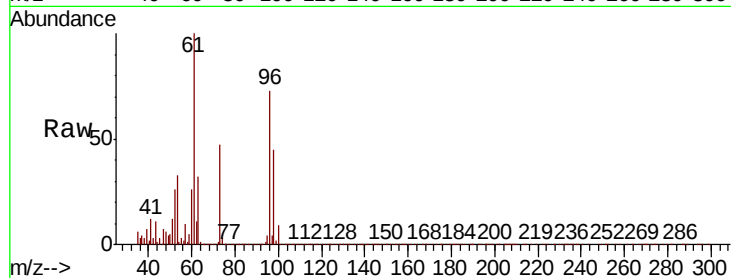
ClientSampleId :

VX1211WBS01

Tot Ion:	96	Resp:	137130
Ion	Ratio	Lower	Upper
96	100		
61	137.2	107.2	160.8
98	61.4	51.4	77.0

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#22

Diisopropyl ether

Concen: 21.385 ug/l

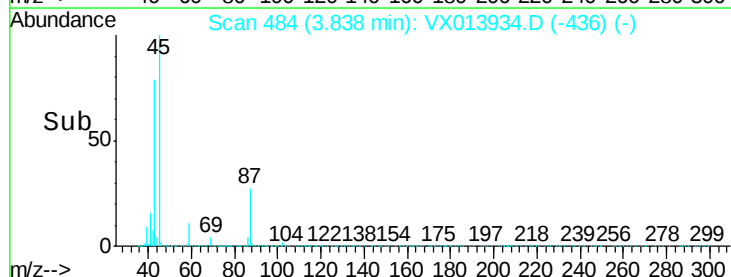
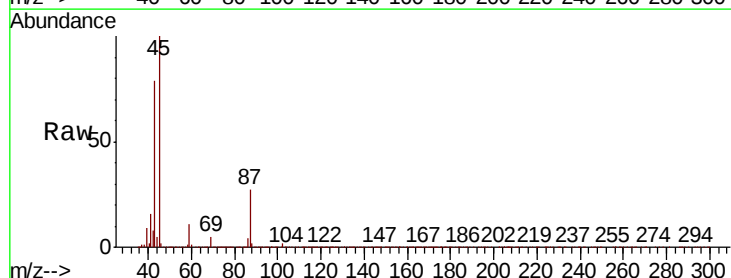
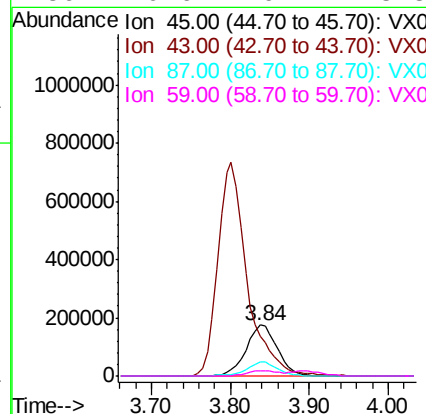
RT: 3.84 min Scan# 484

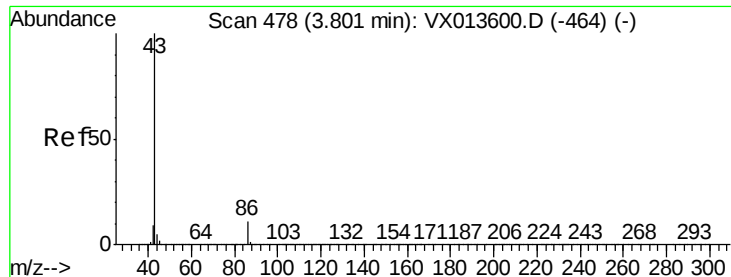
Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	45	Resp:	477424
Ion	Ratio	Lower	Upper
45	100		
43	78.8	52.6	79.0
87	26.9	21.1	31.7
59	10.6	9.2	13.8





#23

Vinyl Acetate

Concen: 102.072 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 43 Resp: 1895712

Ion Ratio Lower Upper

43 100

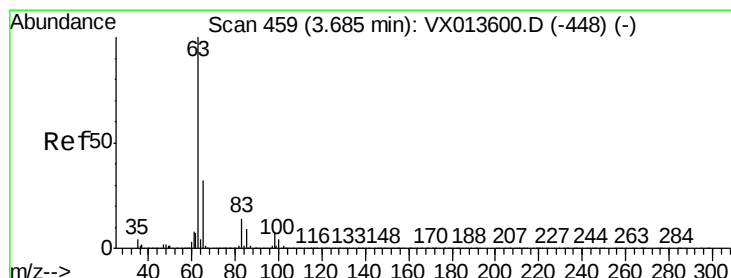
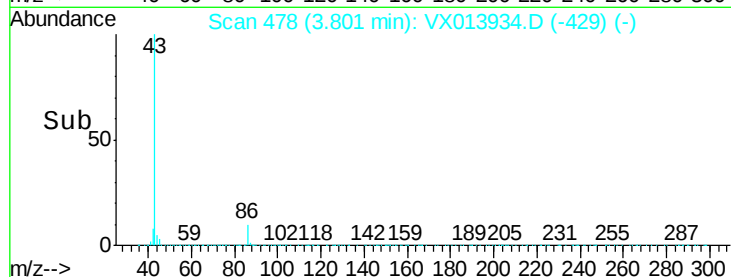
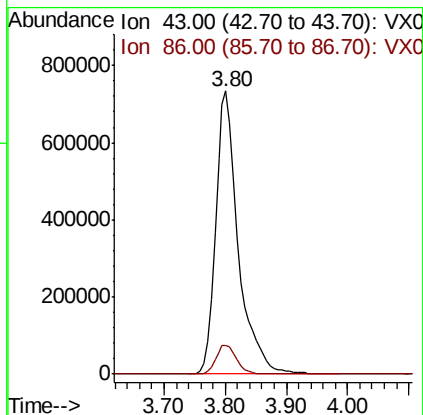
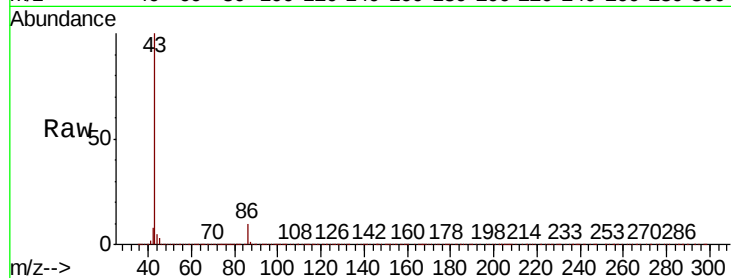
86 10.3 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 21.079 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

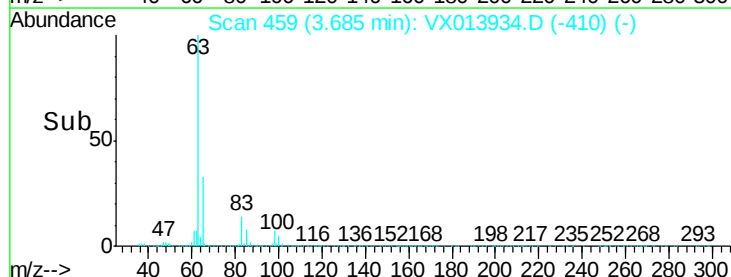
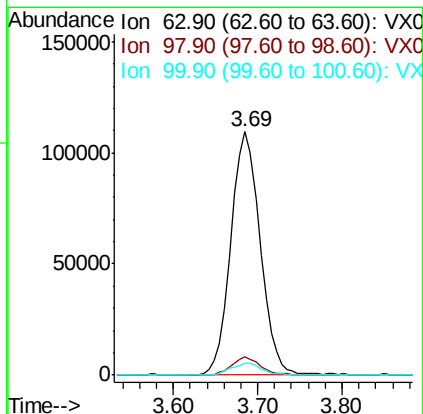
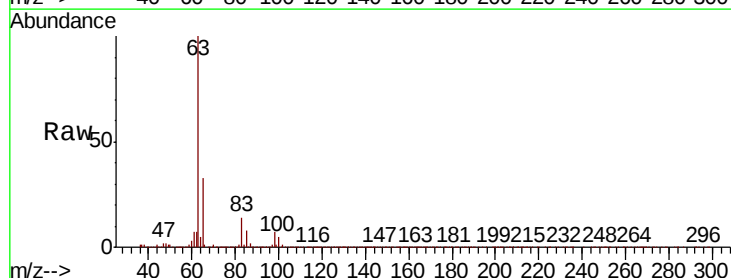
Tgt Ion: 63 Resp: 257255

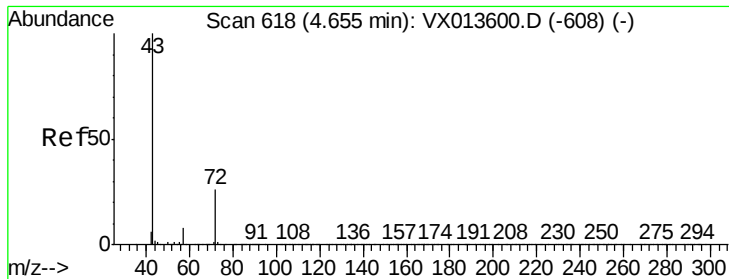
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 102.002 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 43 Resp: 583239

Ion Ratio Lower Upper

43 100

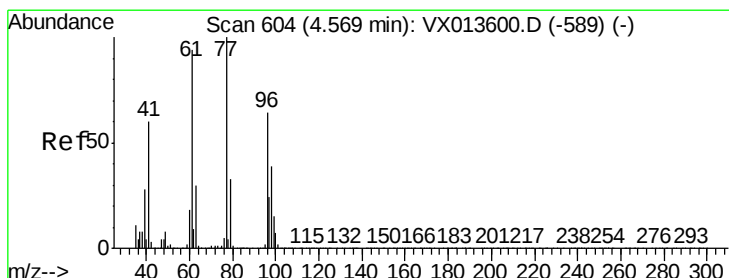
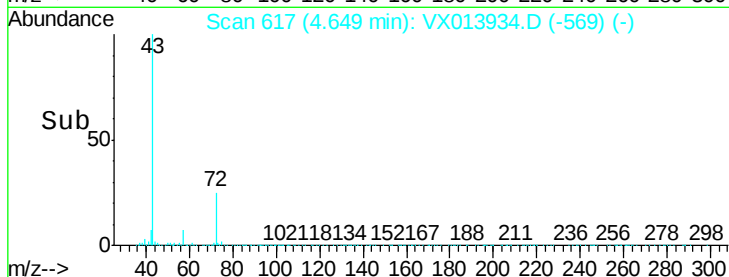
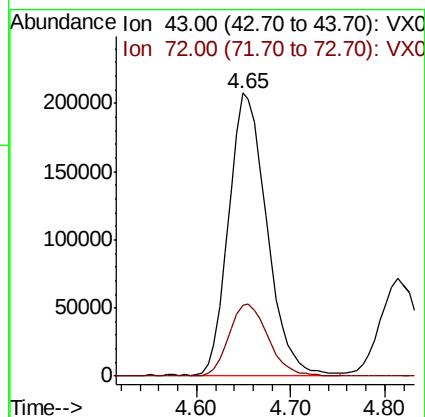
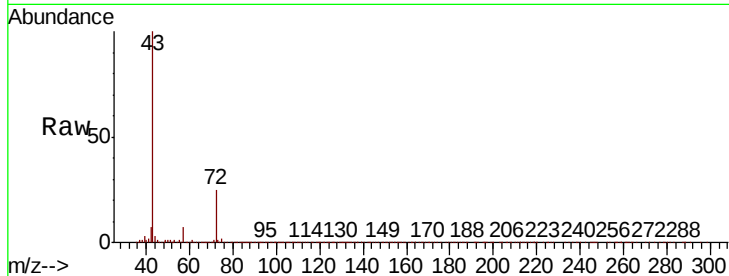
72 24.8 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 20.176 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013934.D

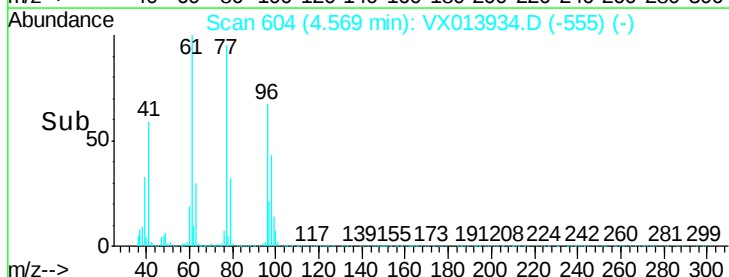
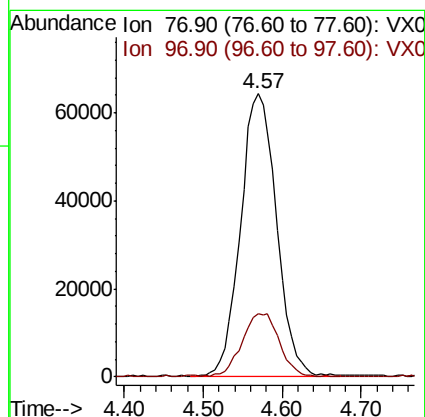
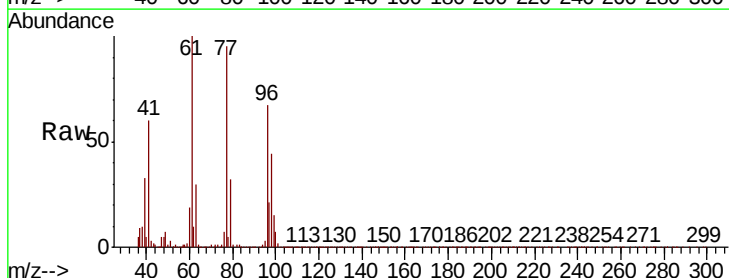
Acq: 11 Dec 2019 11:05

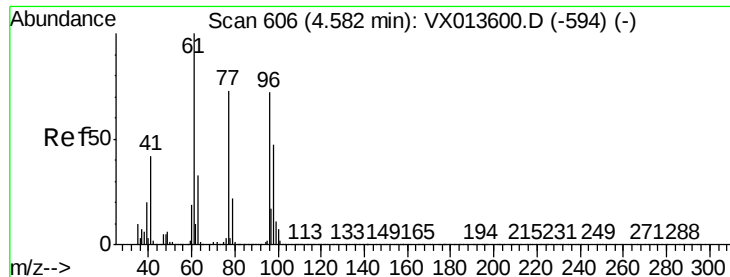
Tgt Ion: 77 Resp: 203730

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1





#27

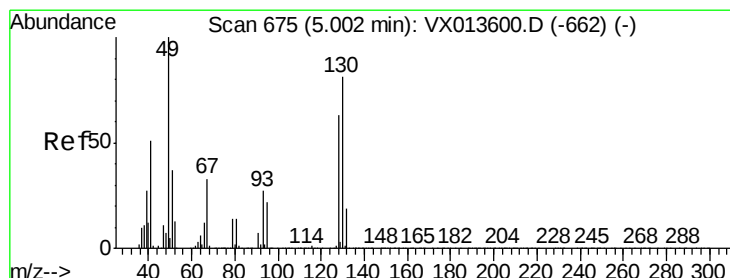
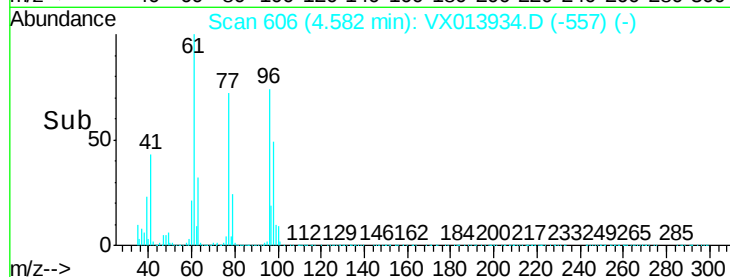
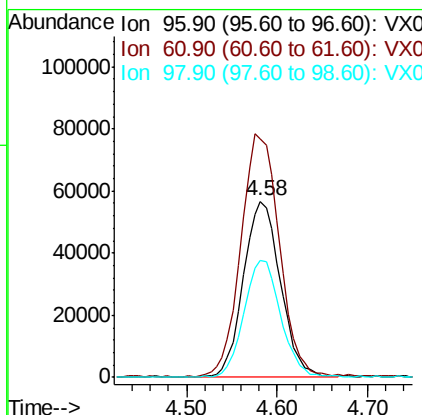
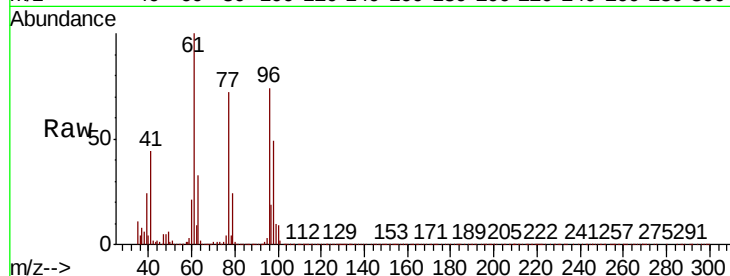
cis-1,2-Dichloroethene
Concen: 19.956 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	159508		
61	144.9	0.0	286.4	
98	65.9	0.0	127.4	

Manual Integrations
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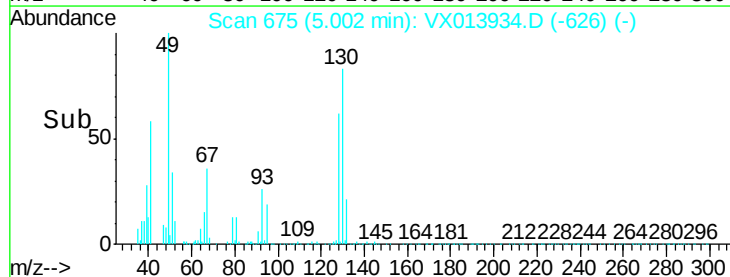
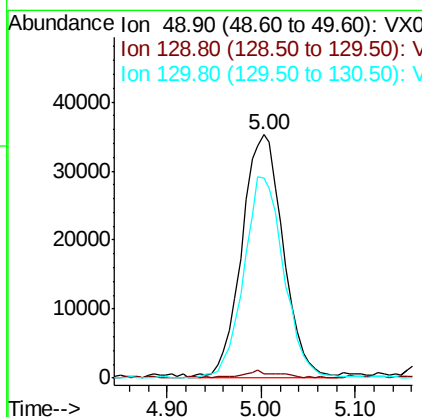
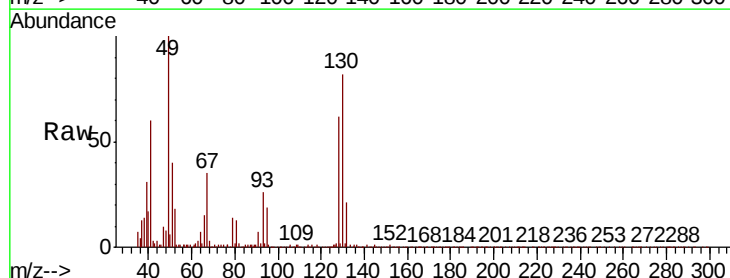
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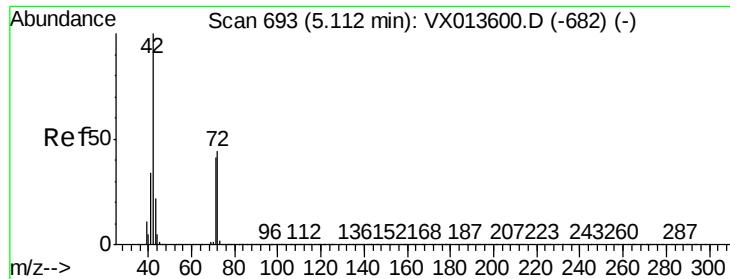


#28

Bromochloromethane
Concen: 22.511 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108603		
129	2.4	0.0	5.0	
130	79.1	65.4	98.0	





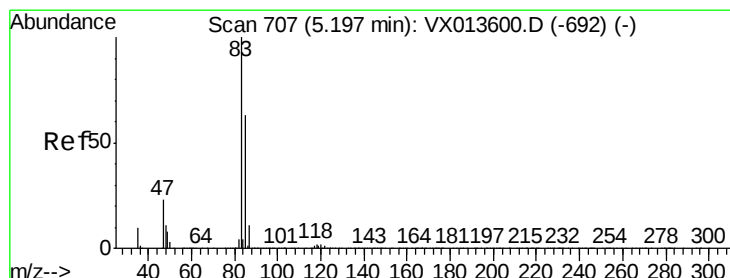
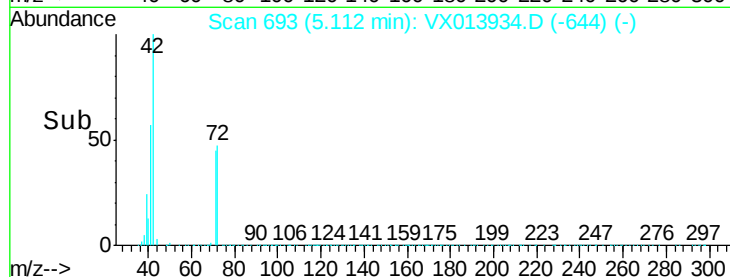
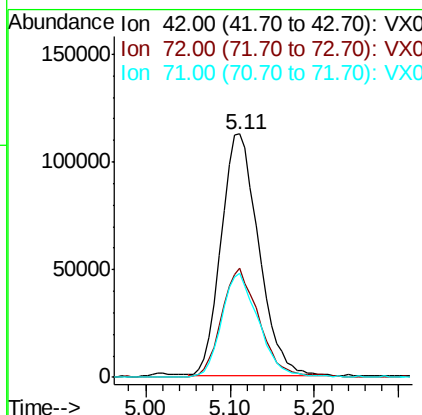
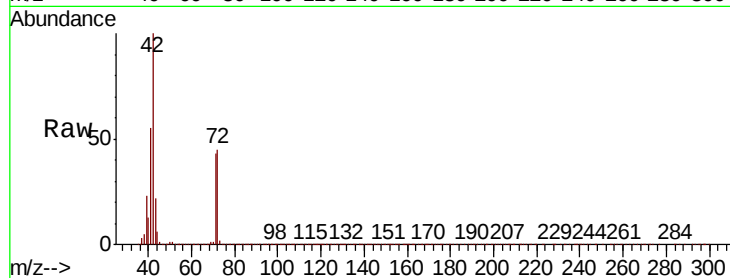
#29
Tetrahydrofuran
Concen: 97.338 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.3	54.5
71	42.2	33.2	49.8

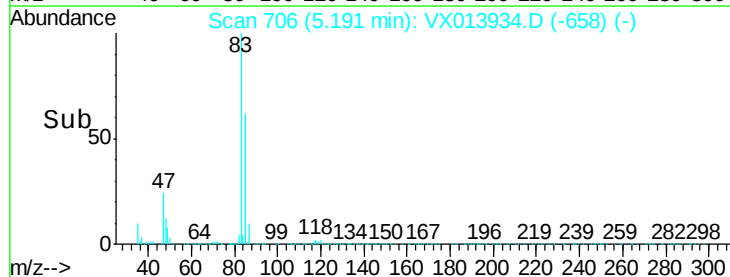
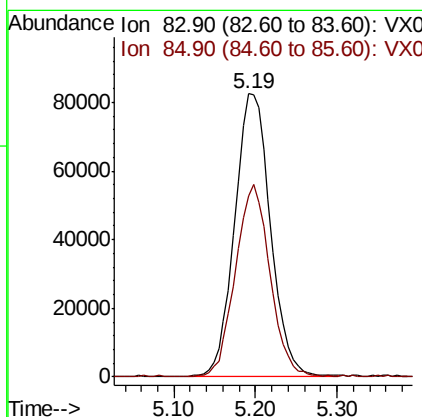
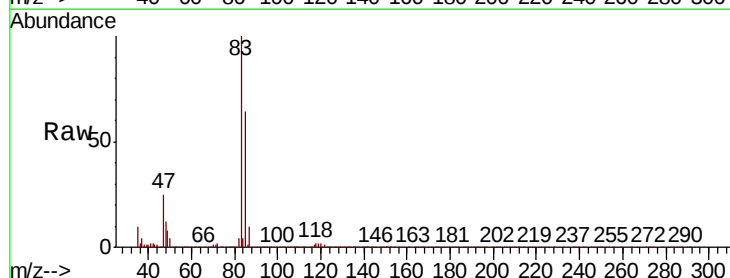
Manual Integrations
APPROVED

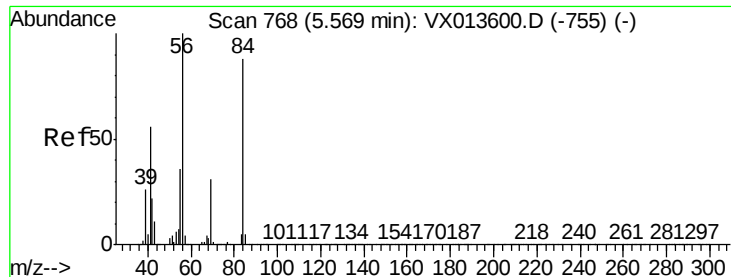
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#30
Chloroform
Concen: 20.325 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.2	75.4





#31

Cyclohexane

Concen: 19.383 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

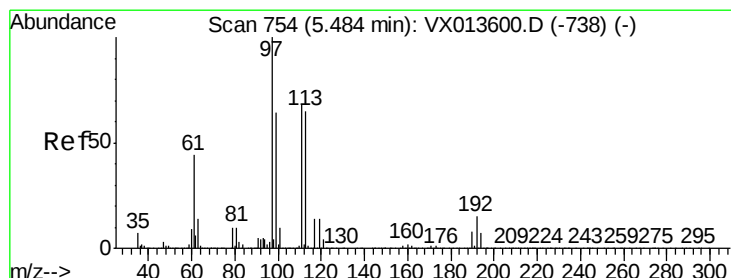
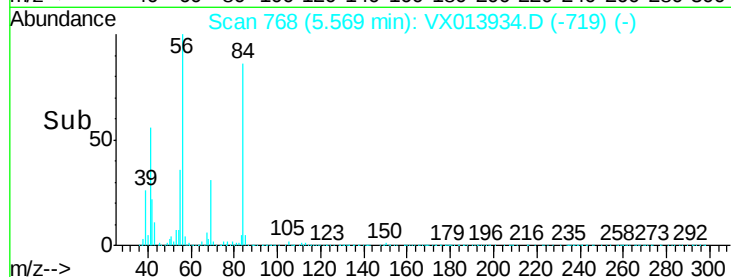
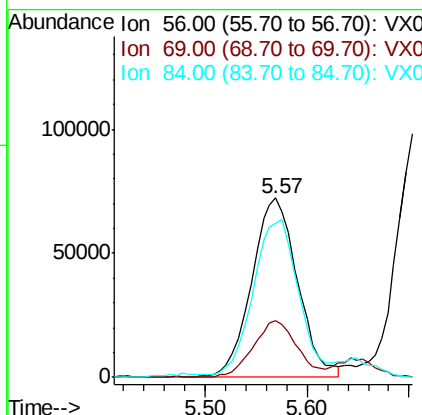
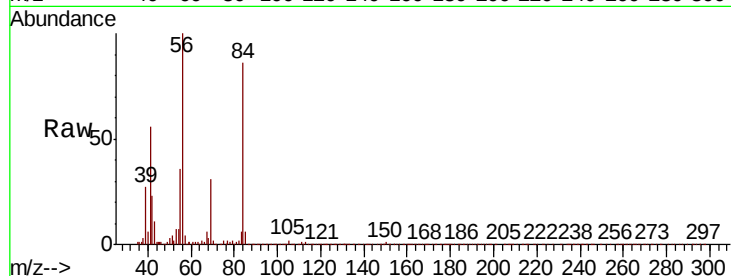
ClientSampleId :

VX1211WBS01

Tot Ion:	56	Resp:	223122
Ion Ratio		Lower	Upper
56	100		
69	31.1	24.6	36.8
84	84.4	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.290 ug/l

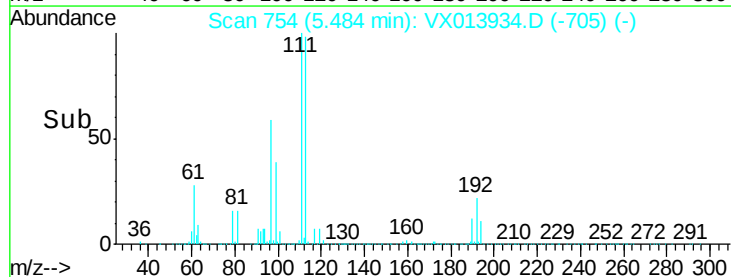
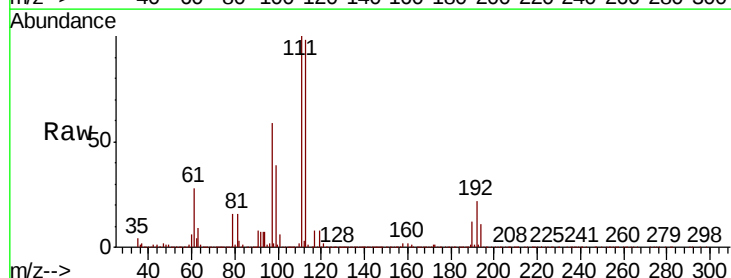
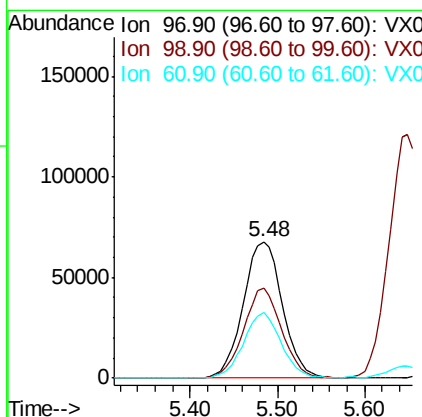
RT: 5.48 min Scan# 754

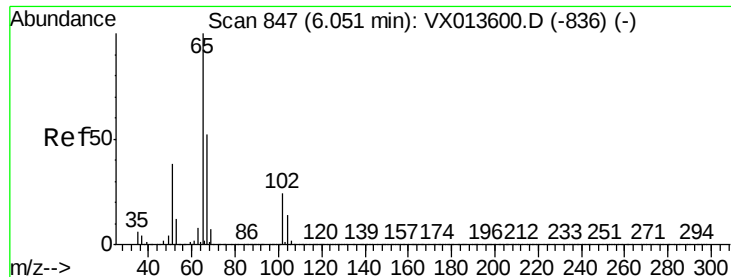
Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	97	Resp:	209861
Ion Ratio		Lower	Upper
97	100		
99	64.3	51.6	77.4
61	45.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.177 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 65 Resp: 375430

Ion Ratio Lower Upper

65 100

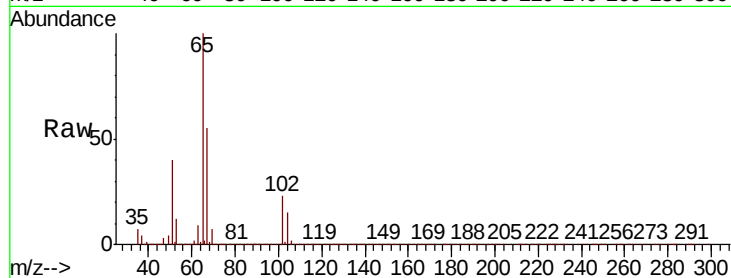
67 52.4 0.0 104.4

Manual Integrations

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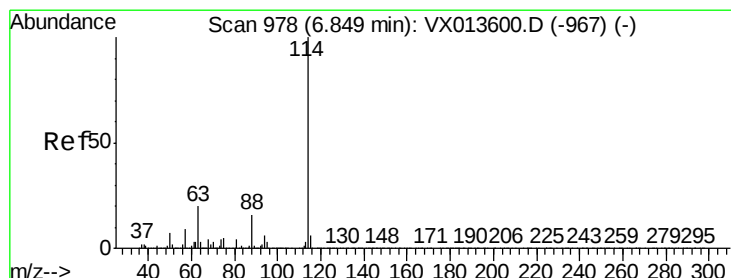
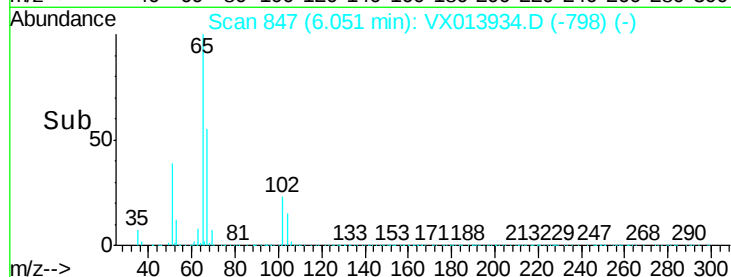
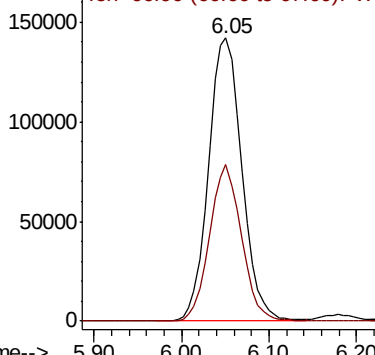
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

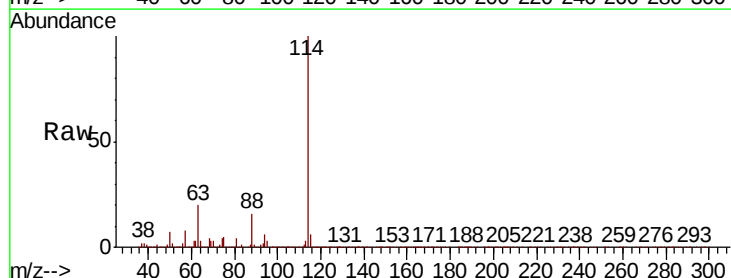
Tgt Ion: 114 Resp: 1005612

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

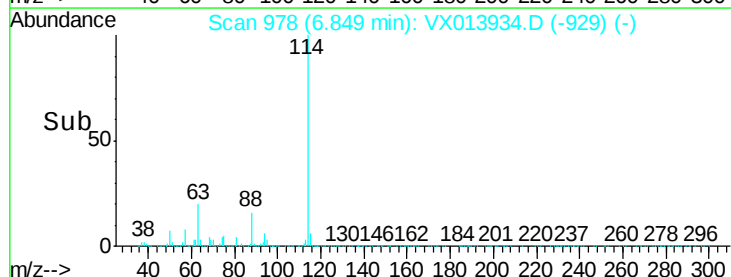
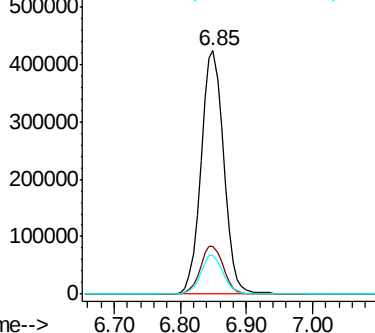
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





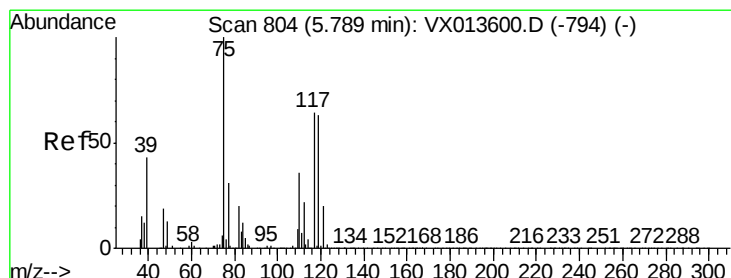
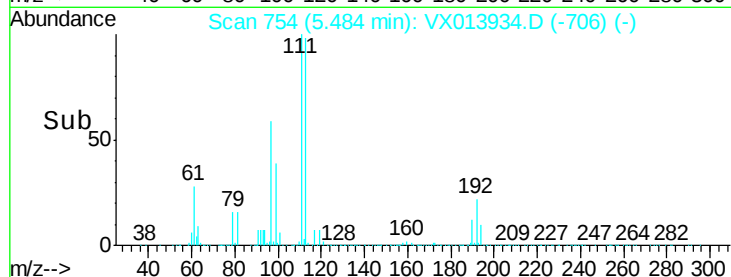
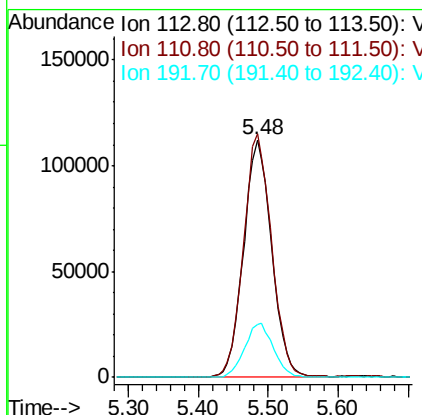
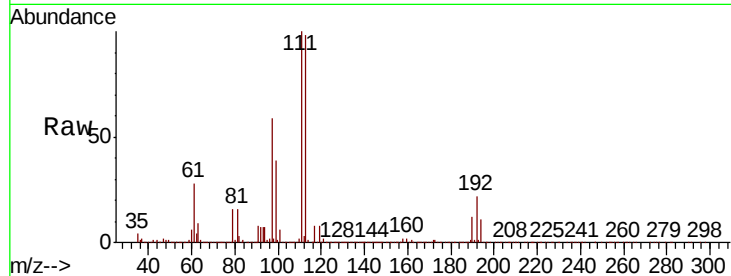
#35
Dibromofluoromethane
Concen: 50.468 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	313749		
111	102.5	83.6	125.4	
192	23.3	19.2	28.8	

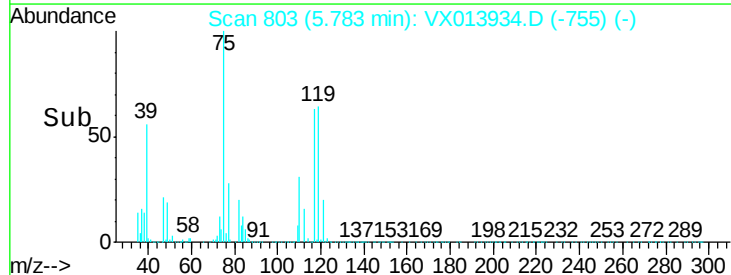
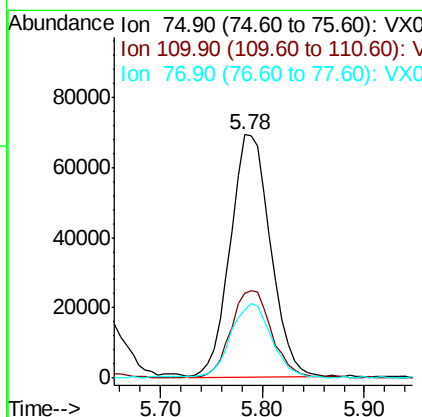
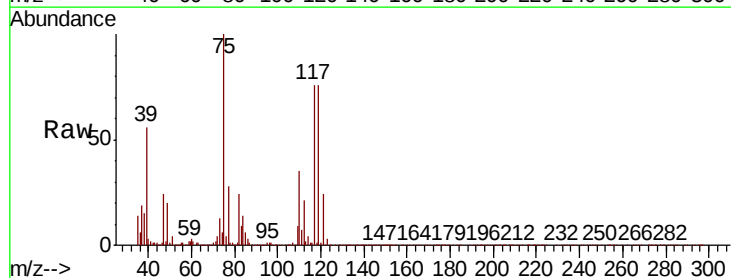
Manual Integrations
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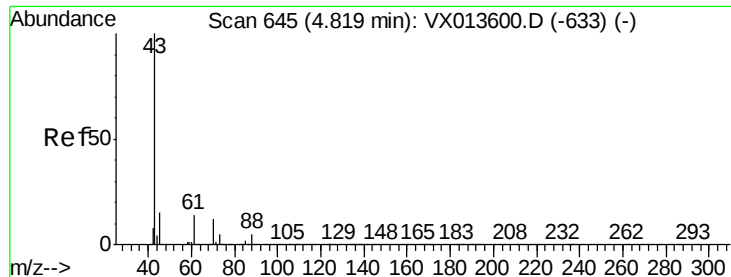
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#36
1,1-Dichloropropene
Concen: 20.663 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	188618		
110	36.2	18.1	54.1	
77	30.5	24.5	36.7	





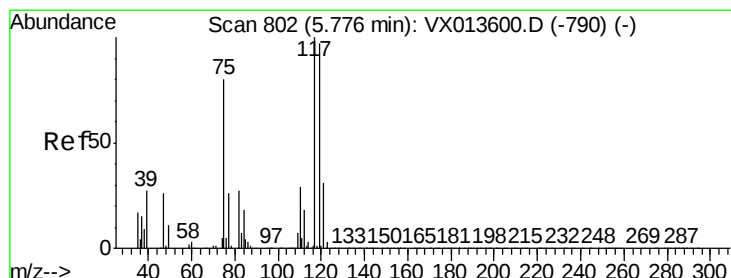
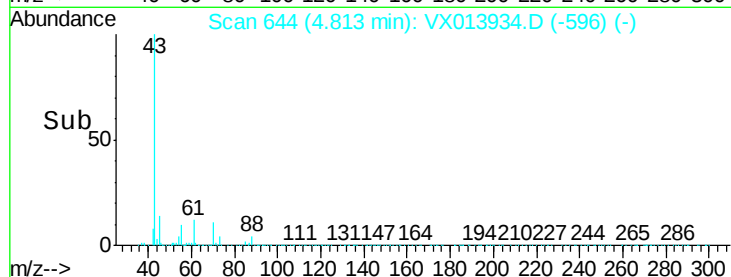
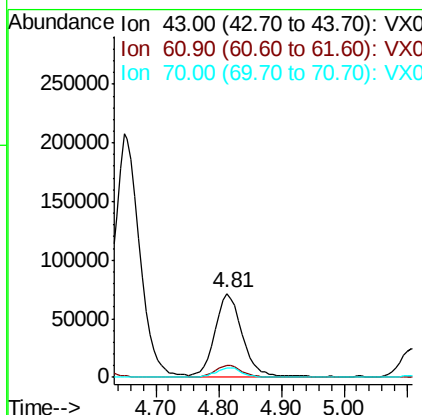
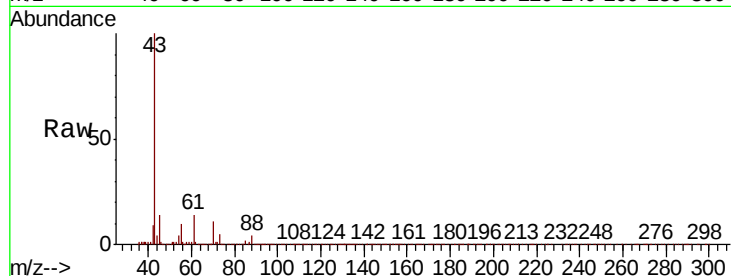
#37
Ethyl Acetate
Concen: 20.877 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.4
70	10.4	8.6	12.8

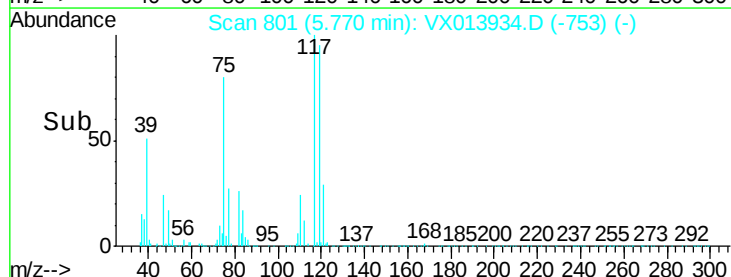
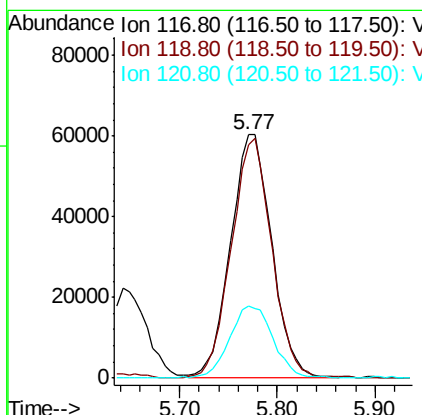
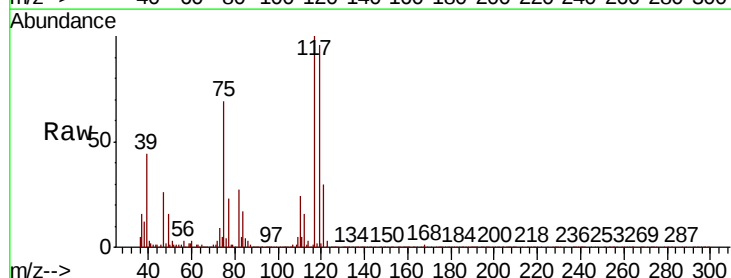
Manual Integrations
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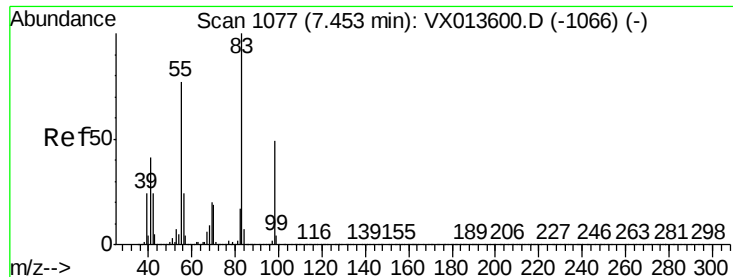
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#38
Carbon Tetrachloride
Concen: 20.845 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.5	116.3
121	29.7	25.0	37.6





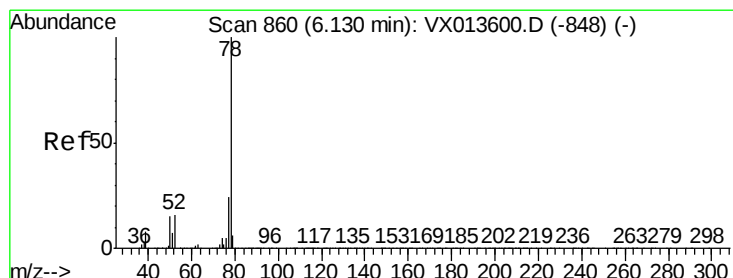
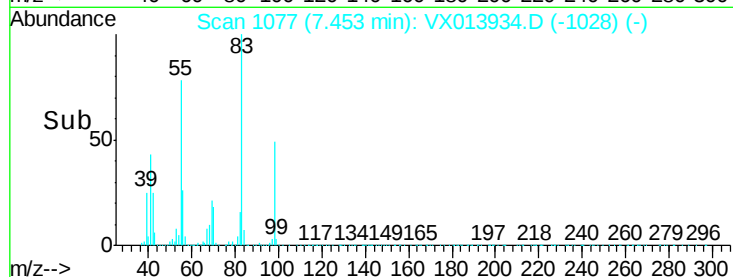
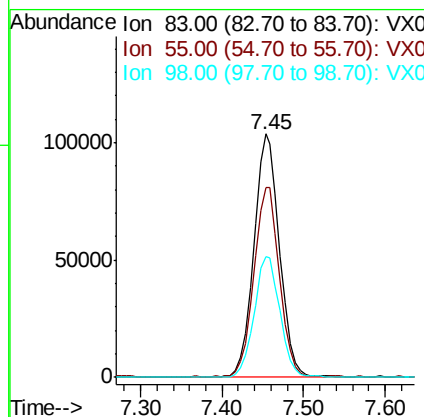
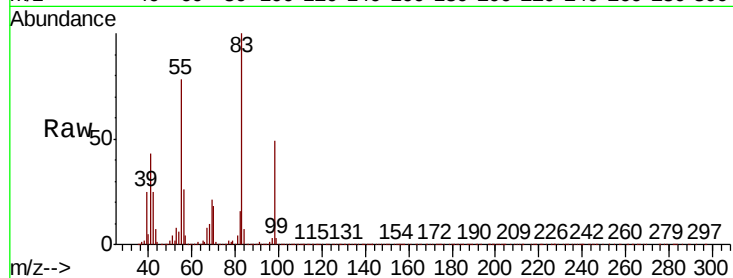
#39
Methvlcvclohexane
Concen: 20.158 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.9	92.9
98	49.2	39.4	59.0

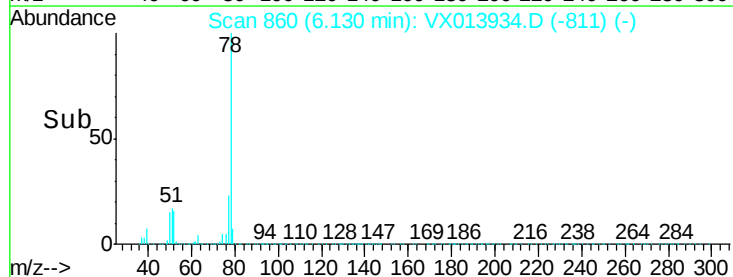
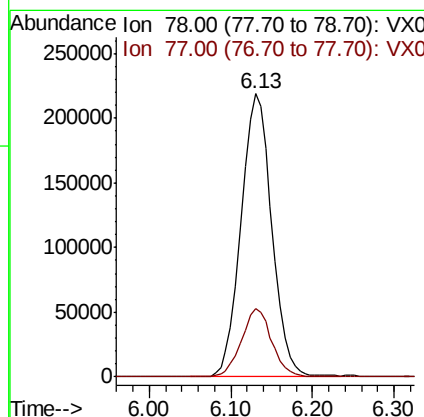
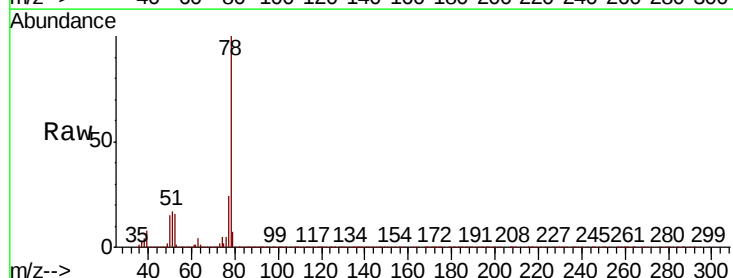
Manual Integrations
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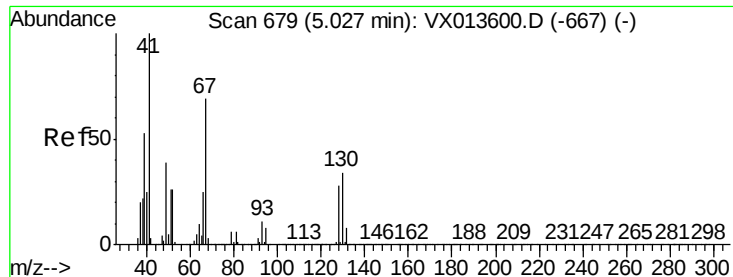
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#40
Benzene
Concen: 20.545 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 21.475 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013934.D

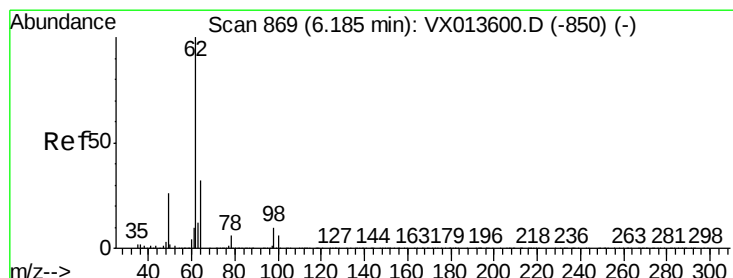
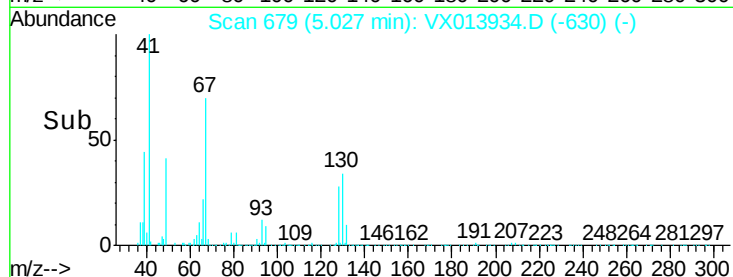
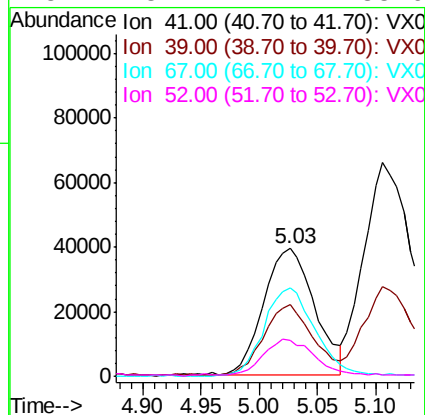
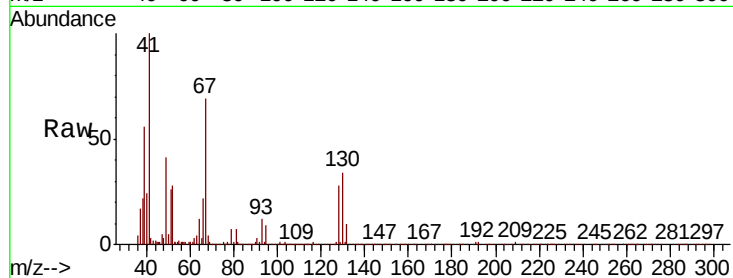
Acq: 11 Dec 2019 11:05

Tot Ion:	41	Resp:	120605
Ion Ratio	Lower	Upper	
41	100		
39	52.9	42.9	64.3
67	68.8	57.4	86.0
52	28.1	22.4	33.6

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.951 ug/l

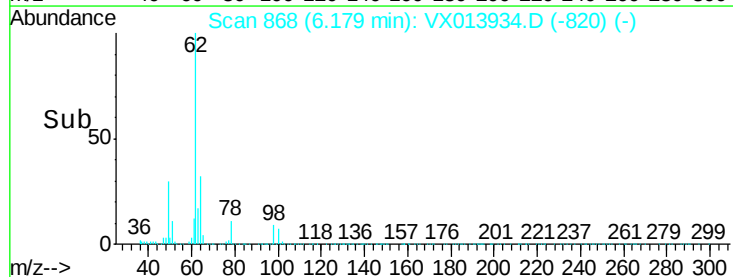
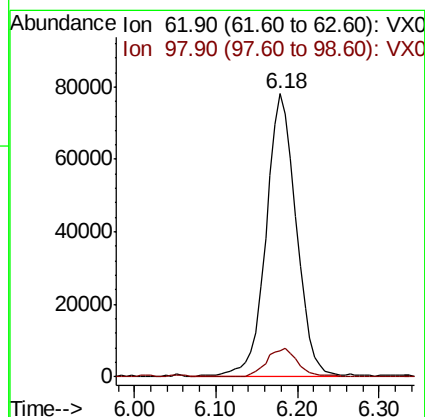
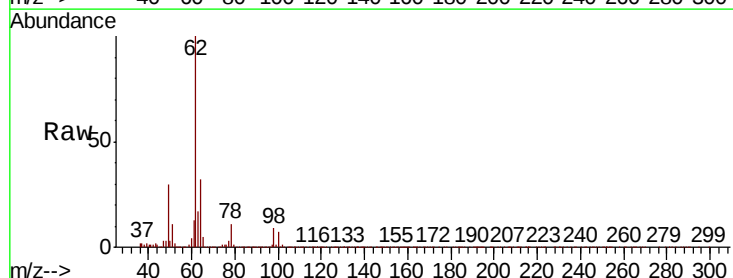
RT: 6.18 min Scan# 868

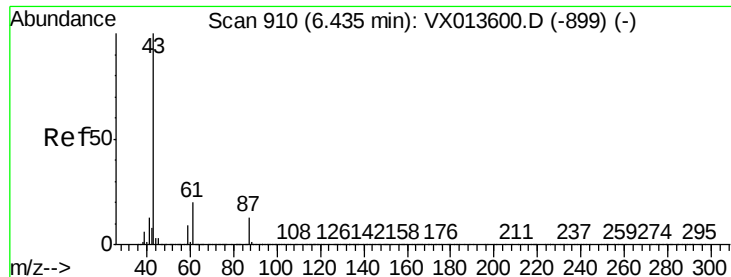
Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	62	Resp:	198654
Ion Ratio	Lower	Upper	
62	100		
98	10.8	0.0	20.8





#43

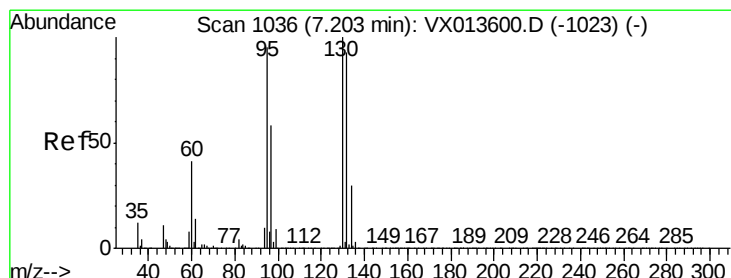
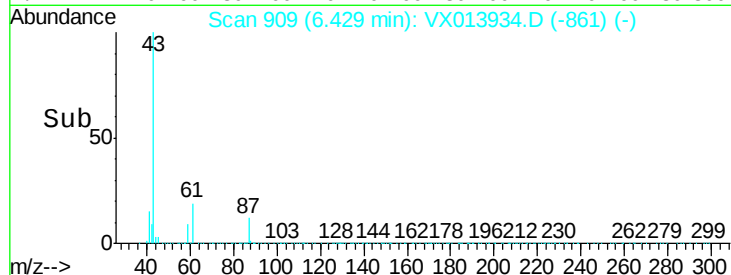
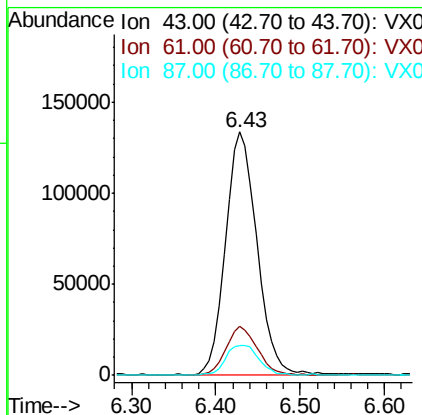
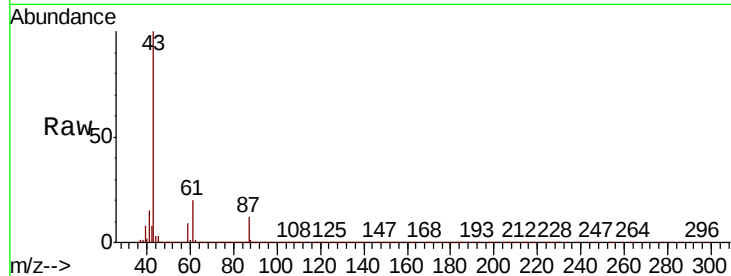
Isopropyl Acetate
 Concen: 19.985 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.3	24.5
87	13.3	10.8	16.2

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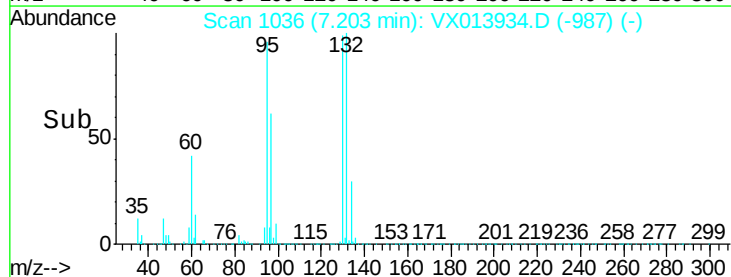
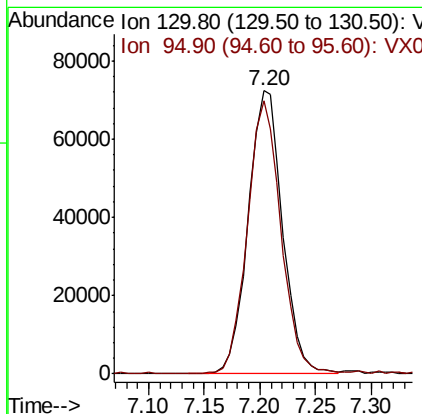
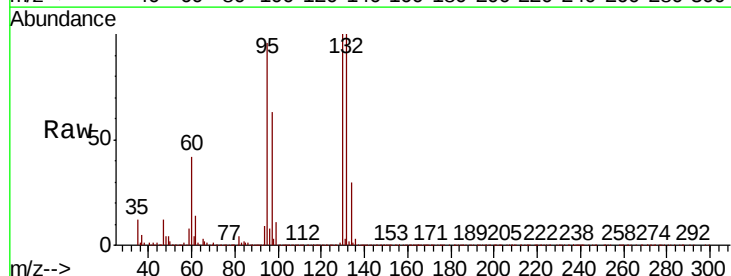
apatel
 12/12/2019 9:26:31 AM



#44

Trichloroethene
 Concen: 20.300 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	190.8





#45

1,2-Dichloropropane

Concen: 21.832 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 63 Resp: 151863

Ion Ratio Lower Upper

63 100

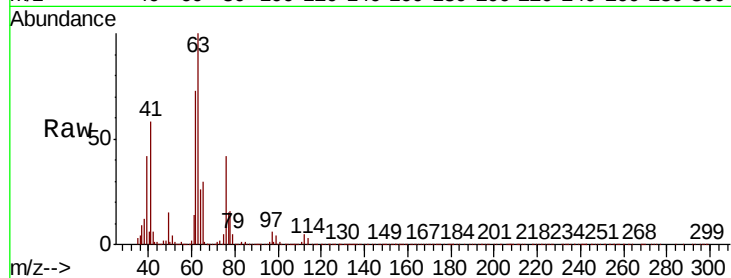
65 30.0 25.5 38.3

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

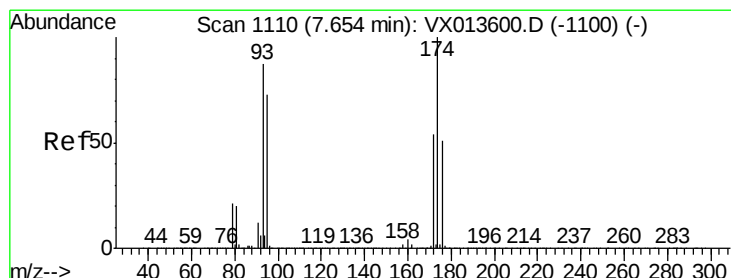
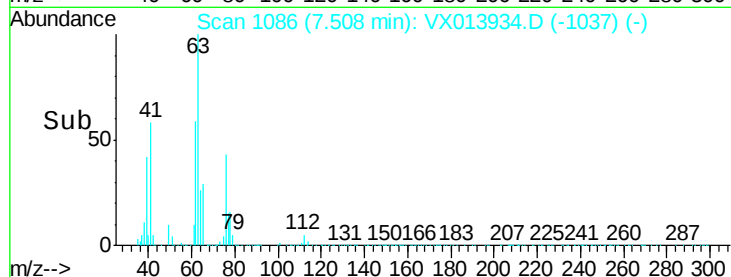
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 20.905 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

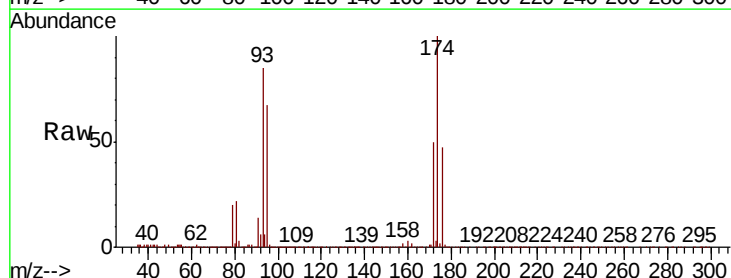
Tgt Ion: 93 Resp: 98763

Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.2

174 111.3 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

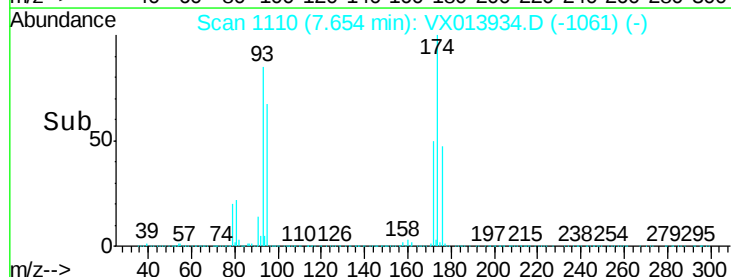
60000

40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 21.603 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

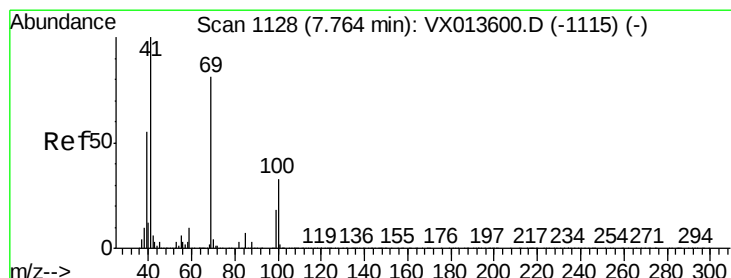
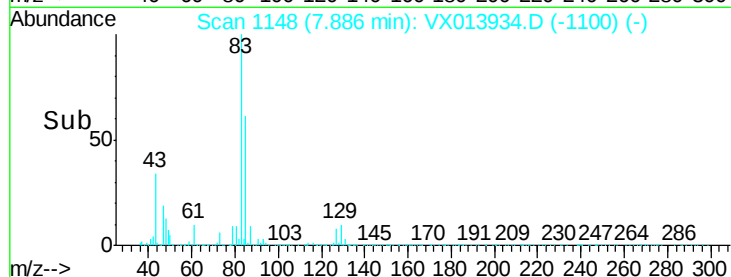
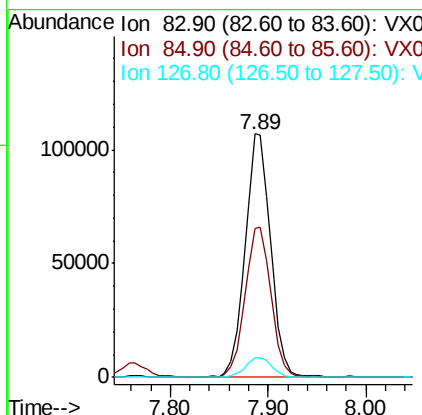
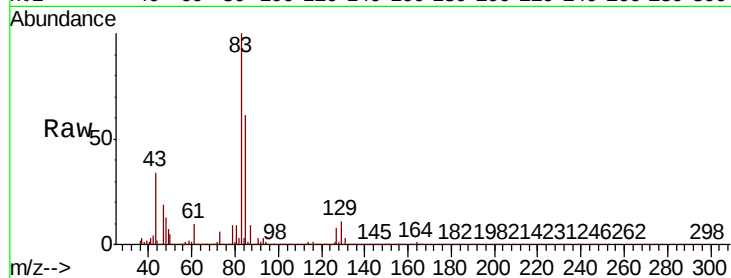
ClientSampleId :

VX1211WBS01

Tot Ion:	83	Resp:	192942
Ion Ratio	Lower	Upper	
83	100		
85	61.0	52.1	78.1
127	7.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.484 ug/l

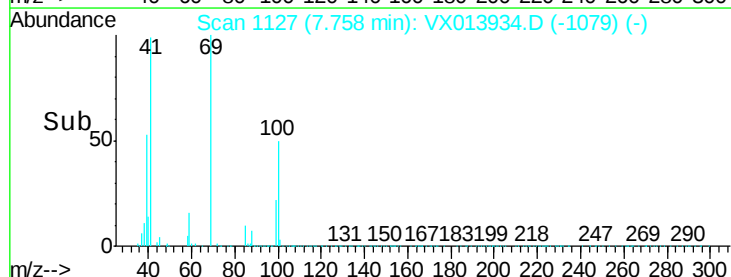
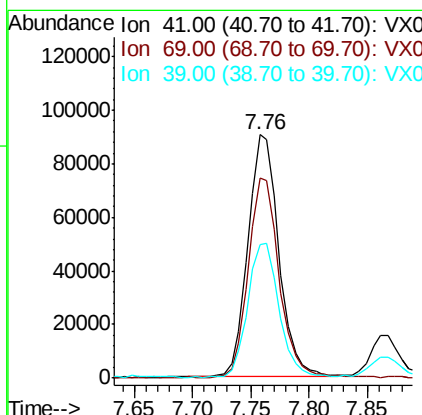
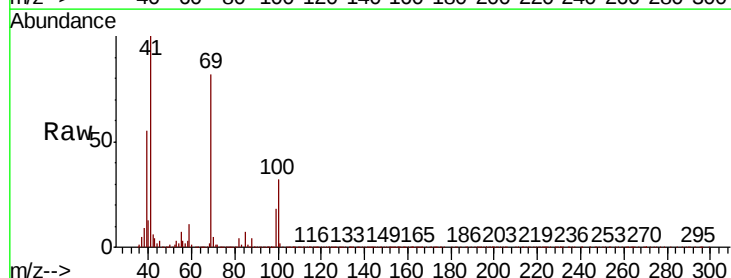
RT: 7.76 min Scan# 1127

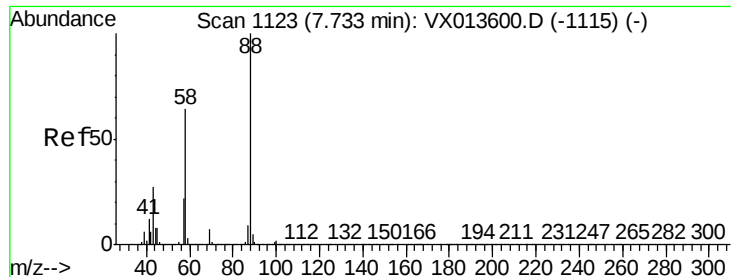
Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	41	Resp:	167799
Ion Ratio	Lower	Upper	
41	100		
69	82.8	64.7	97.1
39	57.3	43.8	65.6





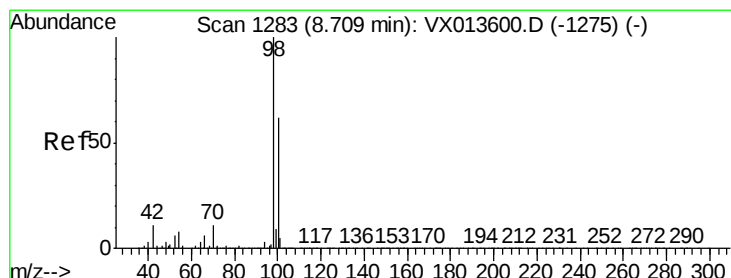
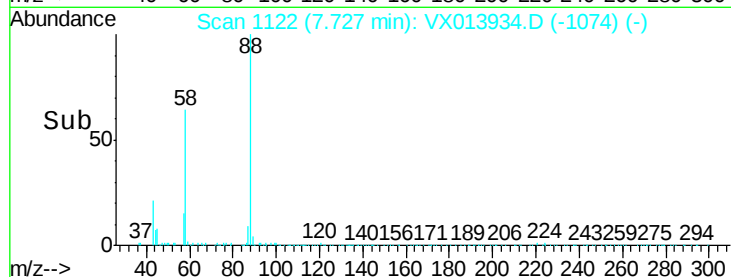
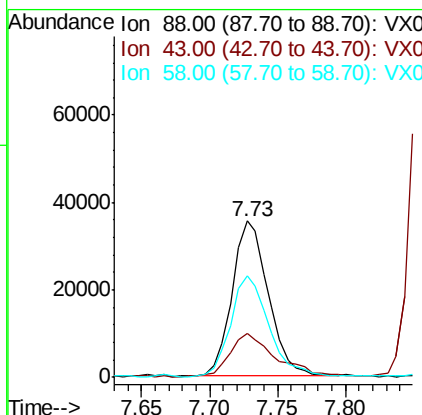
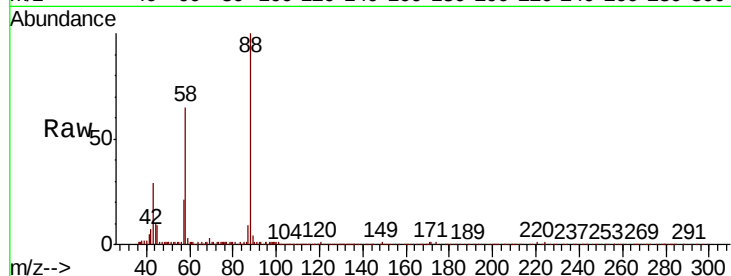
#49
1,4-Dioxane
Concen: 358.939 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.6	25.8	38.6
58	68.1	54.6	82.0

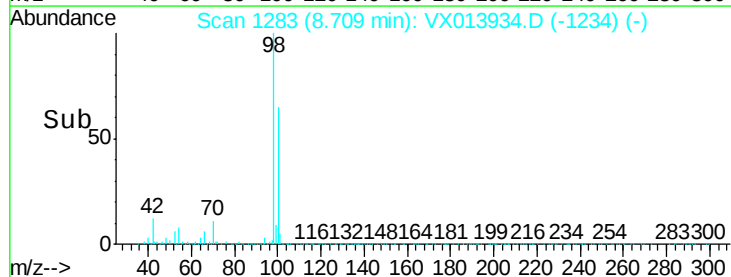
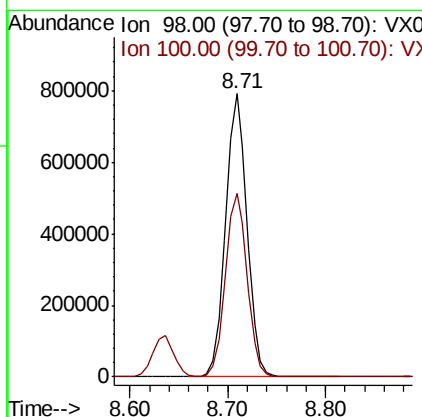
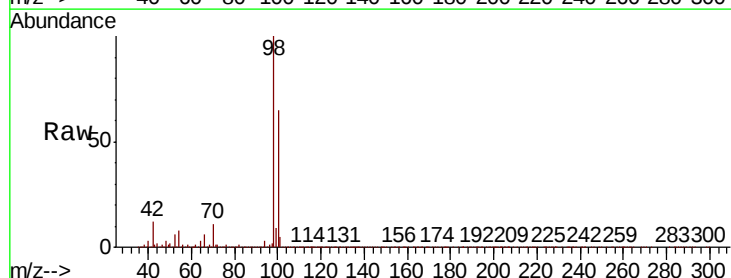
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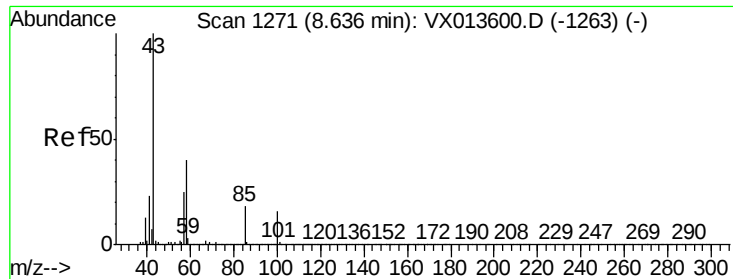
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#50
Toluene-d8
Concen: 49.357 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 103.469 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 43 Resp: 1097290

Ion Ratio Lower Upper

43 100

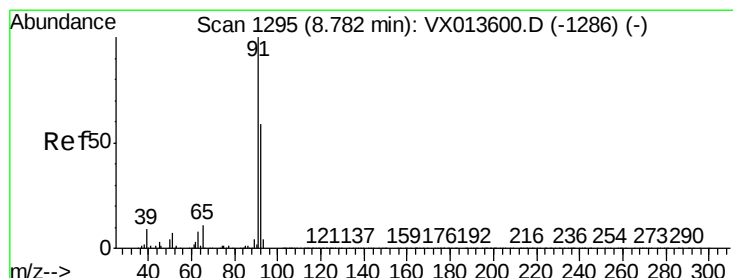
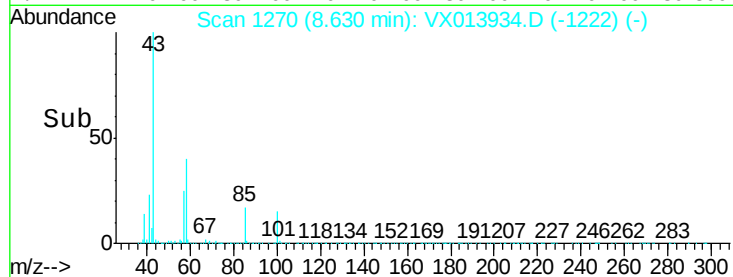
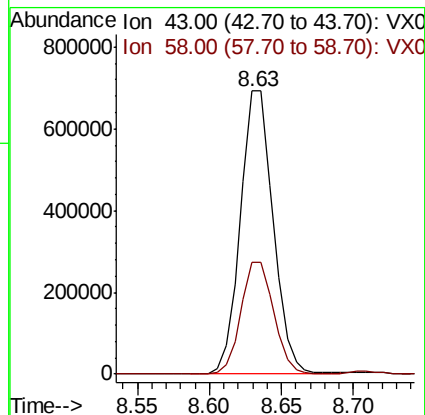
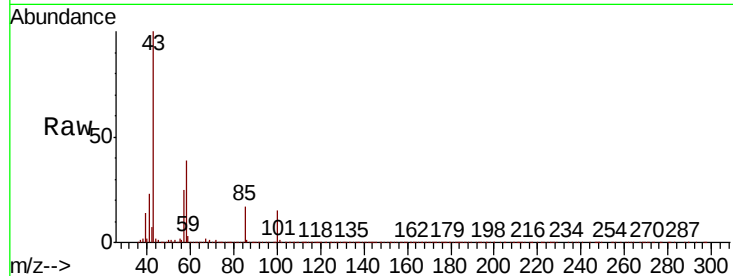
58 39.6 32.1 48.1

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#52

Toluene

Concen: 21.154 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013934.D

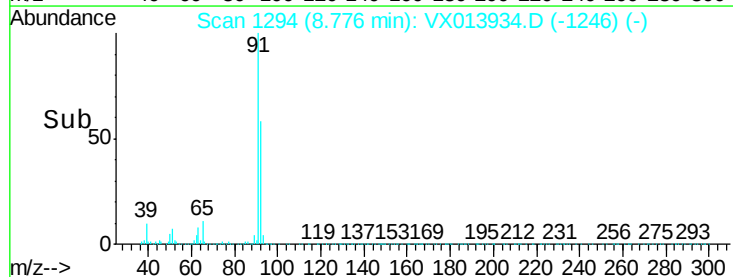
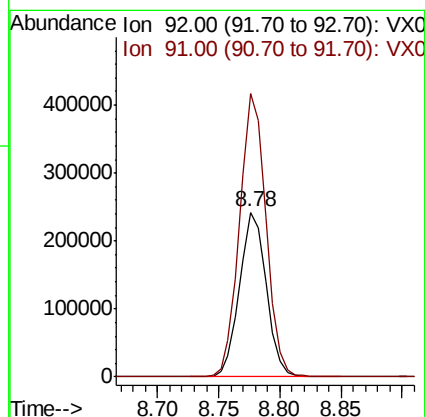
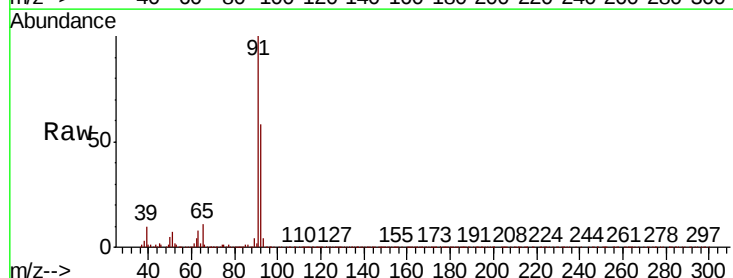
Acq: 11 Dec 2019 11:05

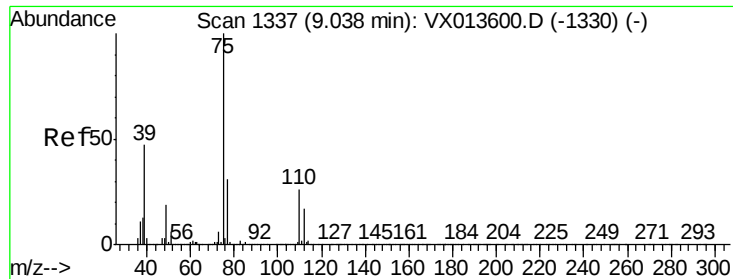
Tgt Ion: 92 Resp: 365366

Ion Ratio Lower Upper

92 100

91 170.3 136.2 204.2





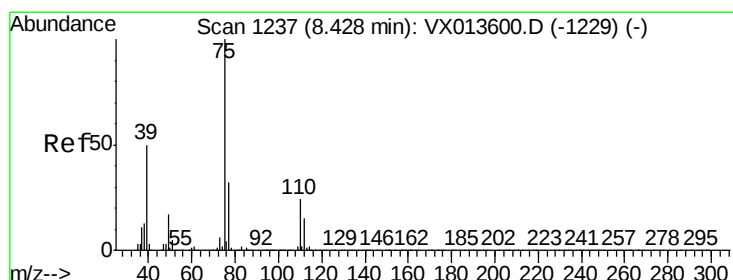
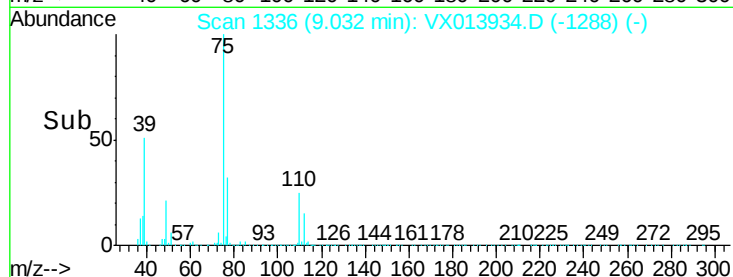
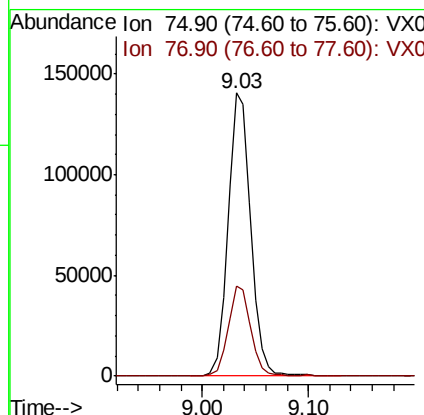
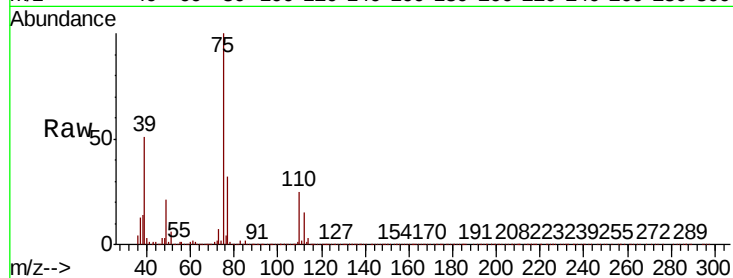
#53
t-1,3-Dichloropropene
Concen: 20.564 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.4	36.6

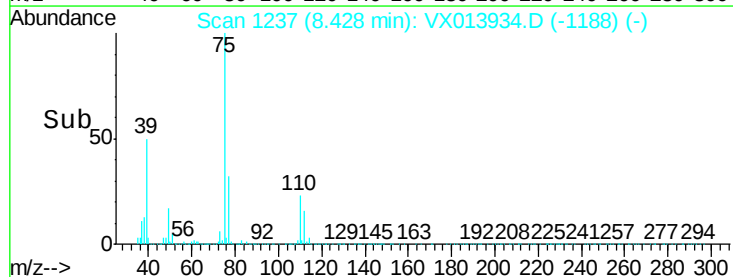
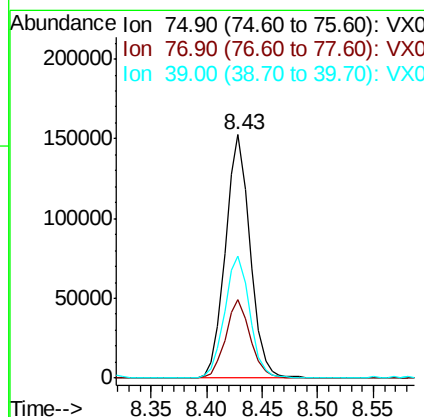
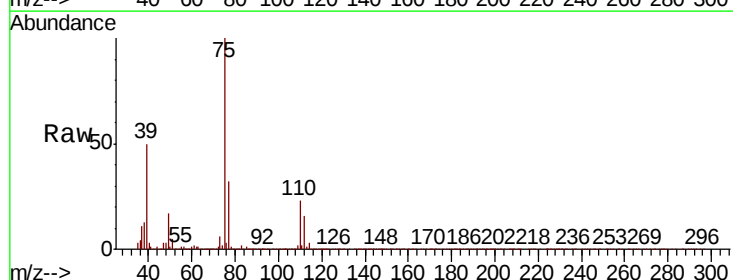
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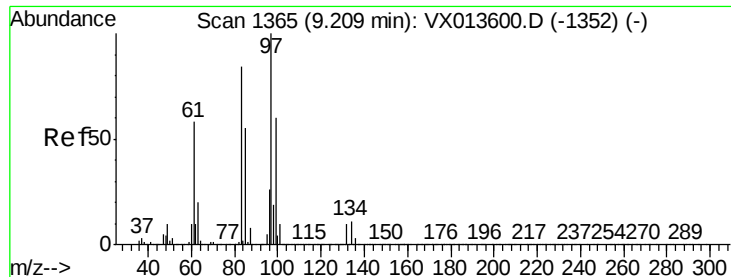
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#54
cis-1,3-Dichloropropene
Concen: 21.100 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	50.0	39.9	59.9





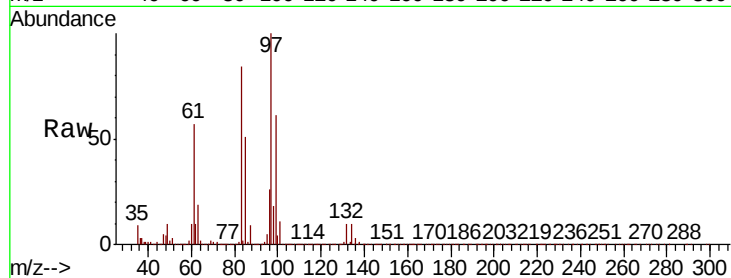
#55
 1,1,2-Trichloroethane
 Concen: 21.761 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		151464		
83	83.9	67.3	100.9		
85	51.1	43.6	65.4		
99	61.0	48.2	72.4		

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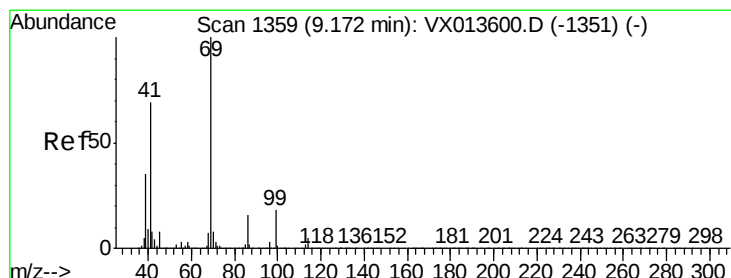
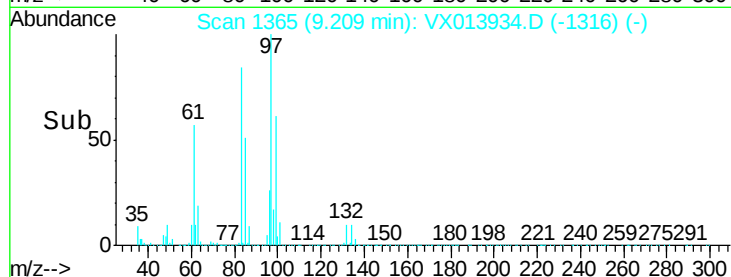
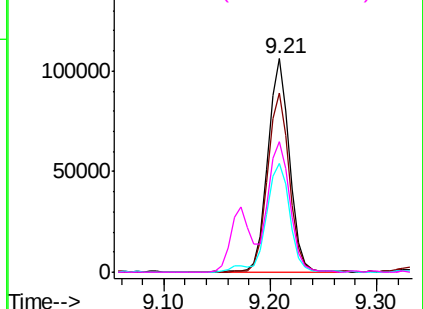
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

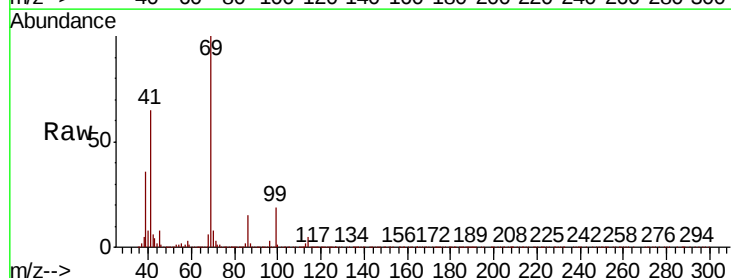
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 20.916 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		234055		
41	68.7	55.0	82.4		
39	36.5	28.7	43.1		

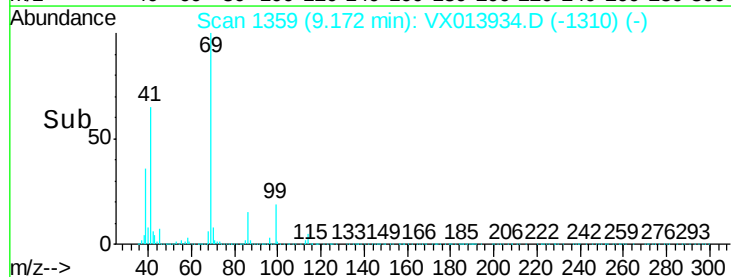
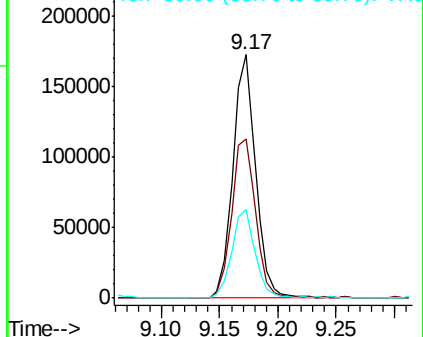


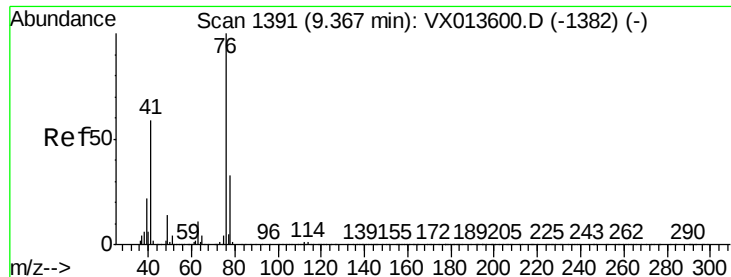
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.398 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 76 Resp: 256711

Ion Ratio Lower Upper

76 100

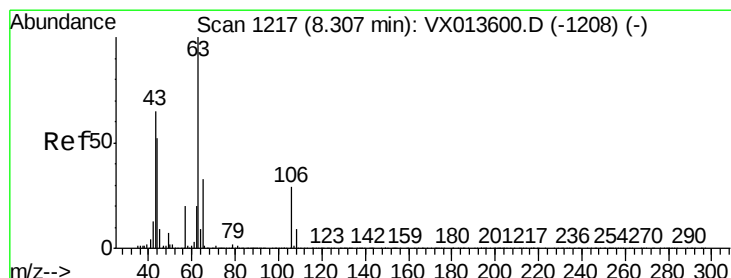
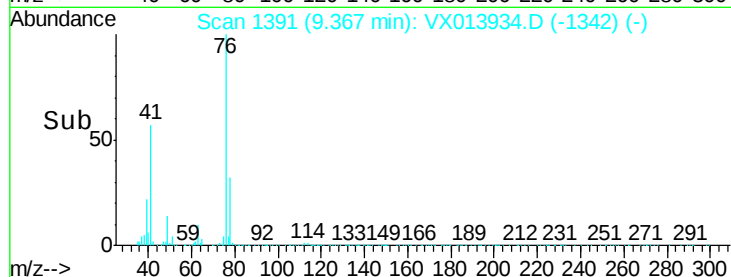
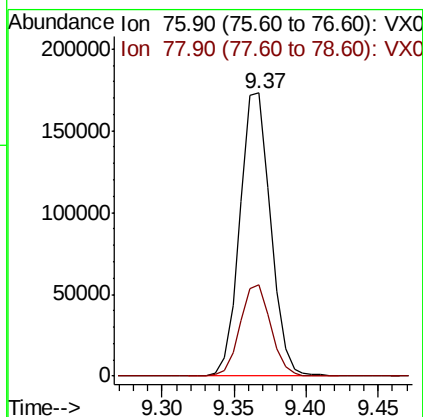
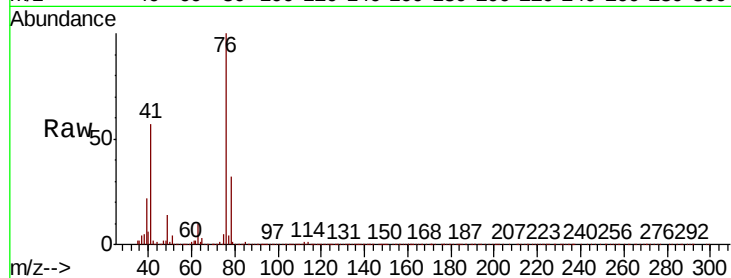
78 32.5 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 77.812 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013934.D

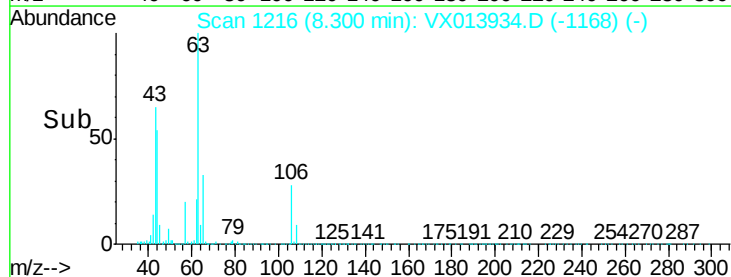
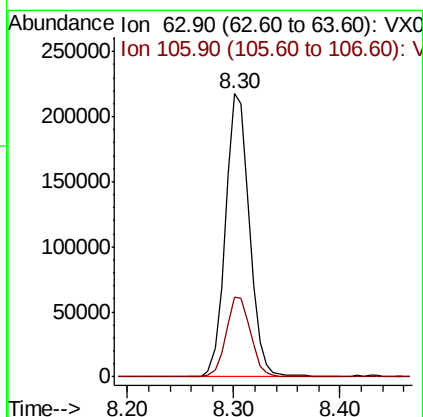
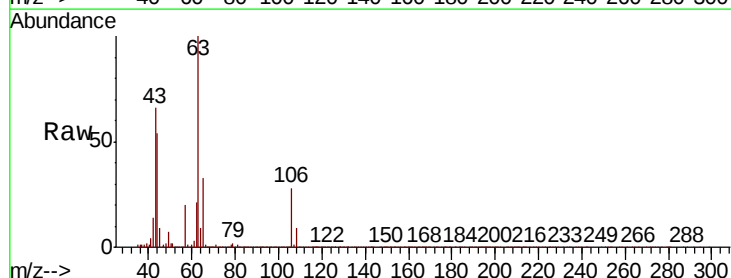
Acq: 11 Dec 2019 11:05

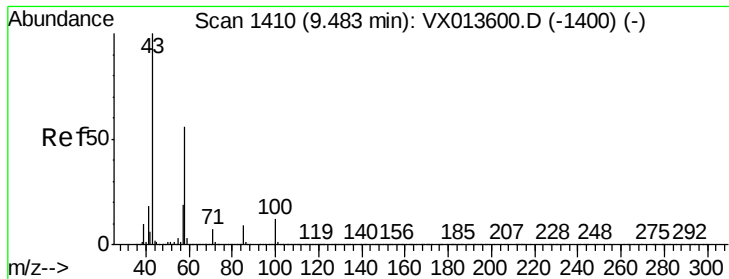
Tgt Ion: 63 Resp: 341396

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.0





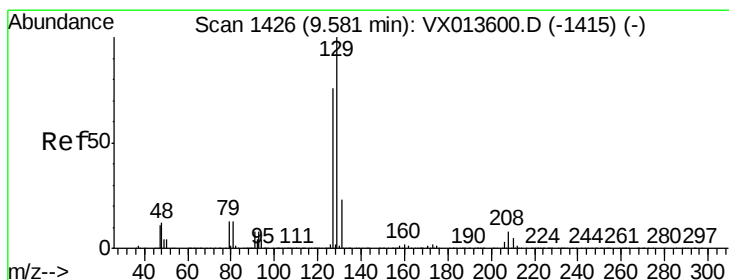
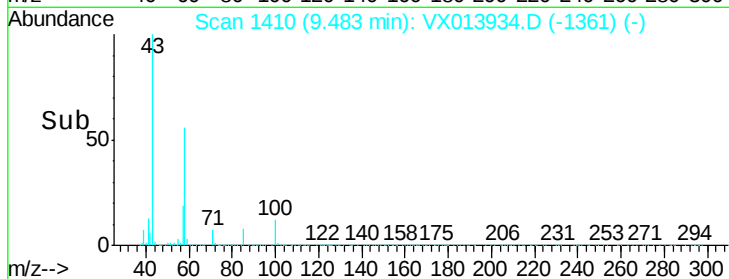
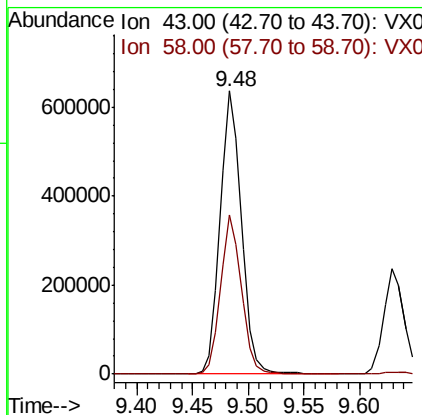
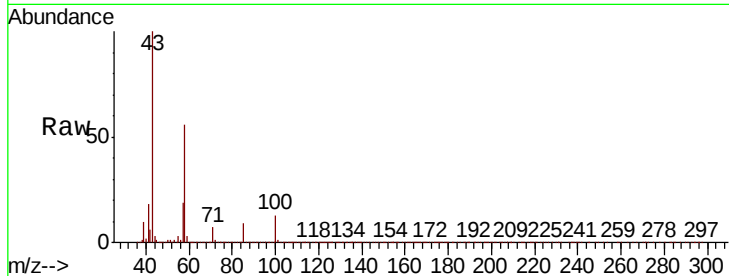
#59
2-Hexanone
Concen: 102.122 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion: 43 Resp: 844662
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.4

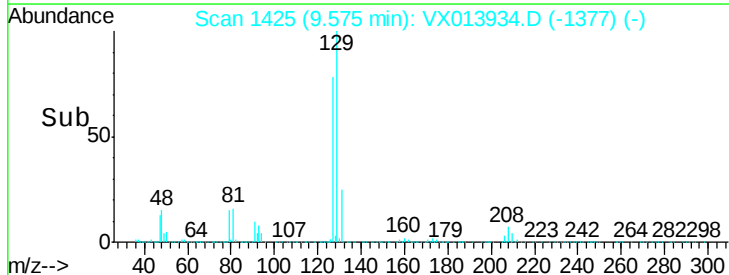
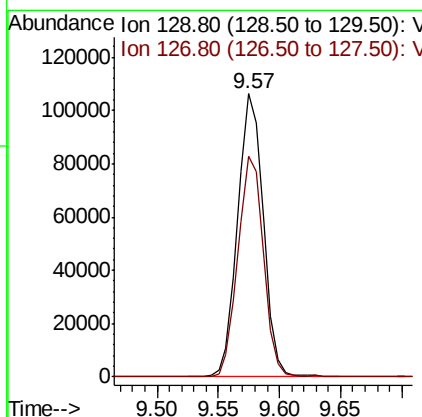
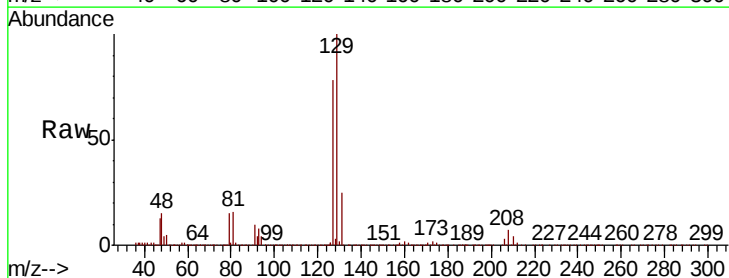
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#60
Dibromochloromethane
Concen: 21.225 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion: 129 Resp: 153313
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.815 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 107 Resp: 154735

Ion Ratio Lower Upper

107 100

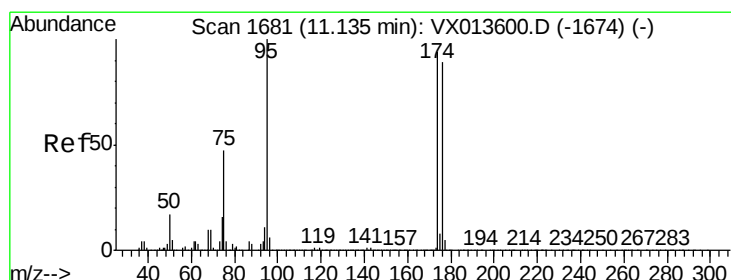
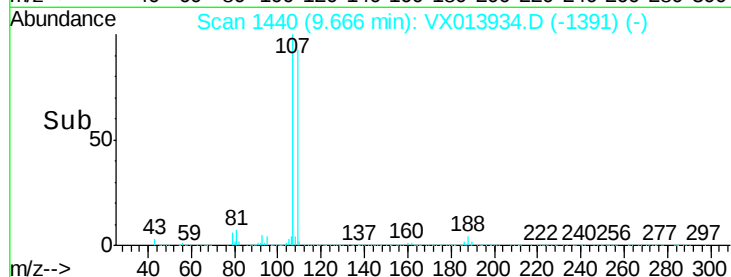
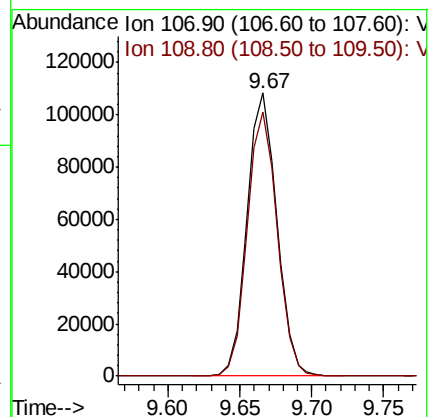
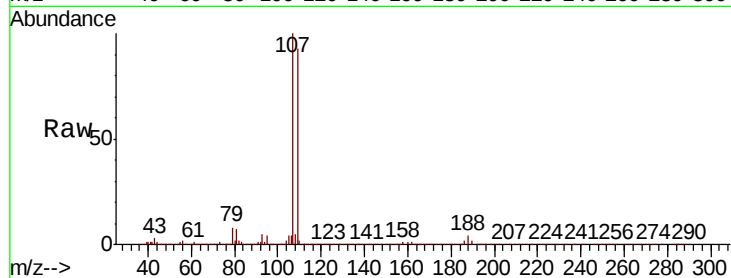
109 93.3 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 51.018 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

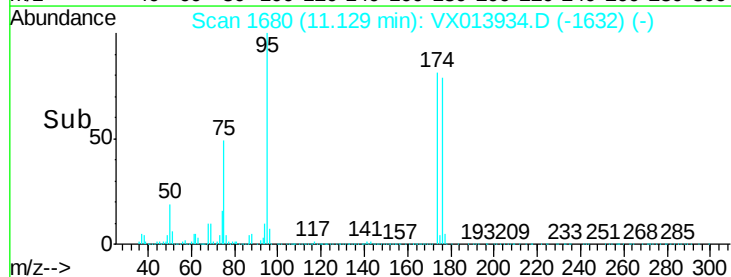
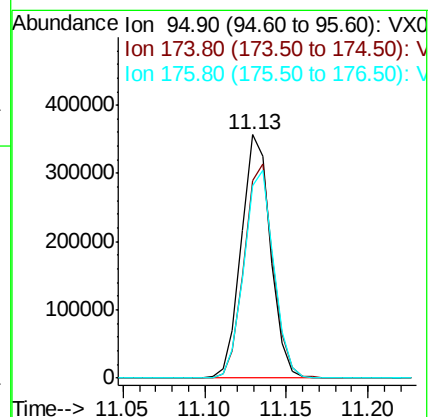
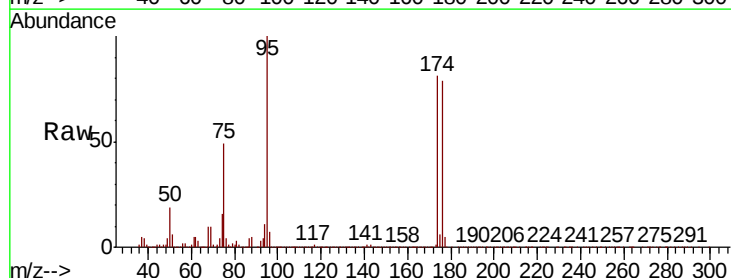
Tgt Ion: 95 Resp: 445605

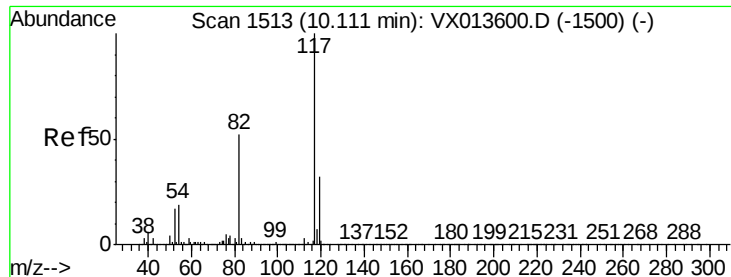
Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.0

176 86.8 0.0 173.6





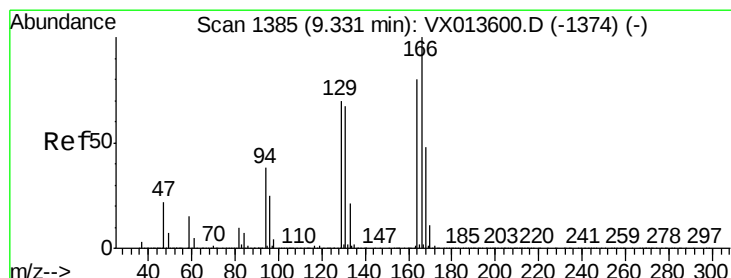
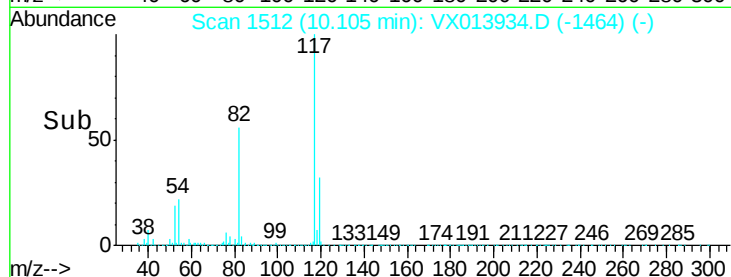
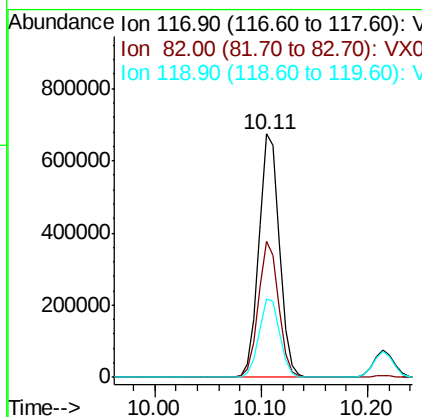
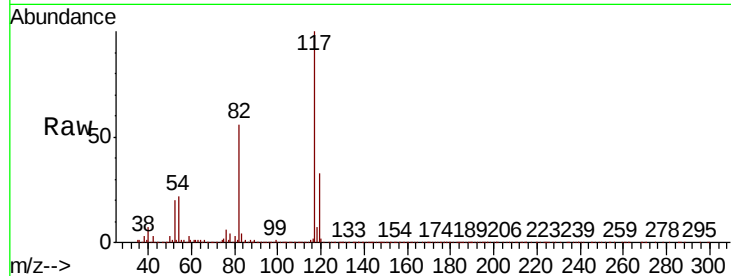
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.8	62.8
119	32.5	25.8	38.8

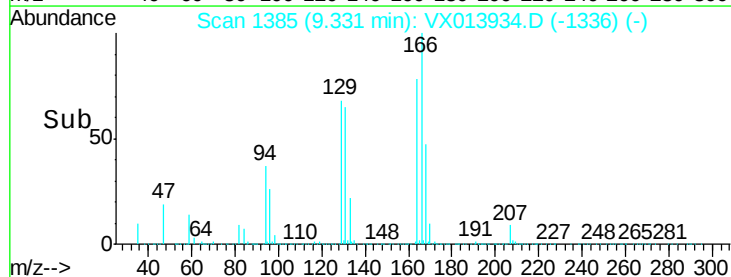
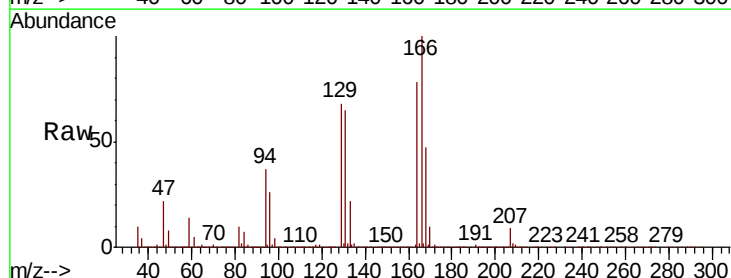
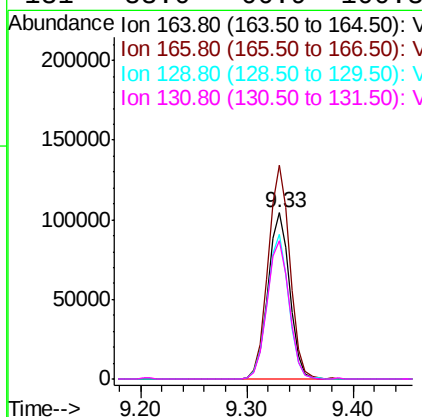
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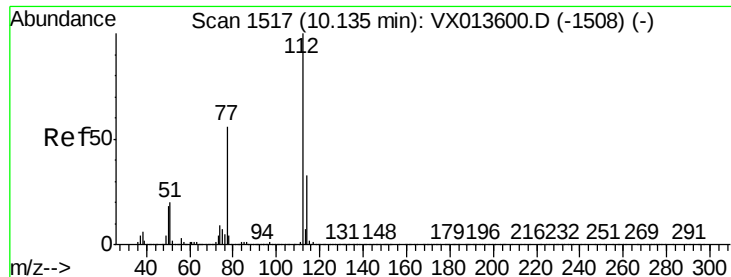
apatel
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#64
Tetrachloroethene
Concen: 22.064 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	99.7	149.5
129	87.0	70.1	105.1
131	83.0	66.9	100.3





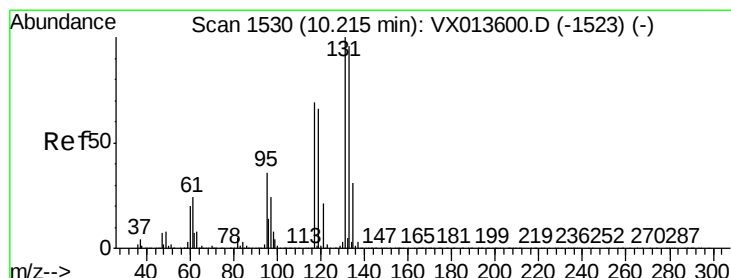
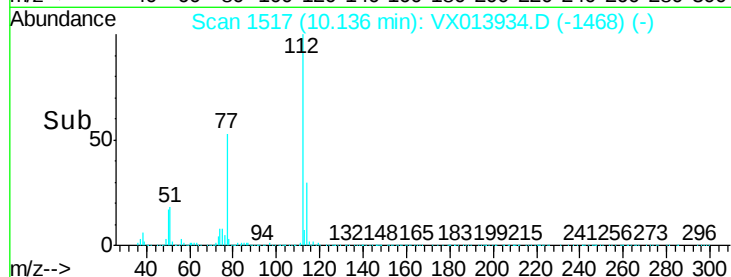
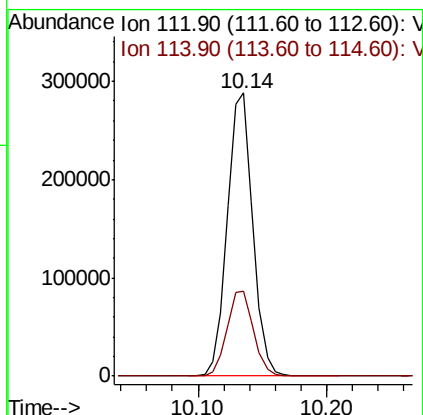
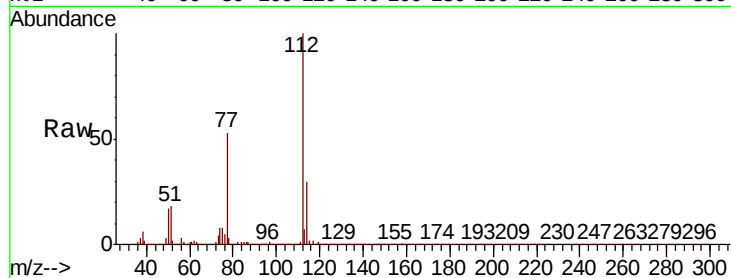
#65
Chlorobenzene
Concen: 21.147 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.0	26.1	39.1

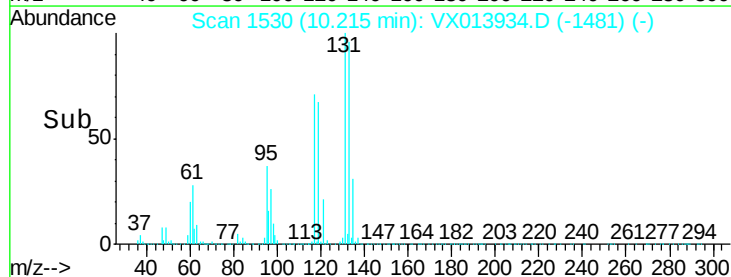
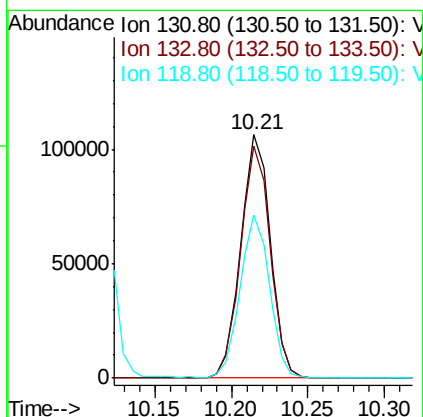
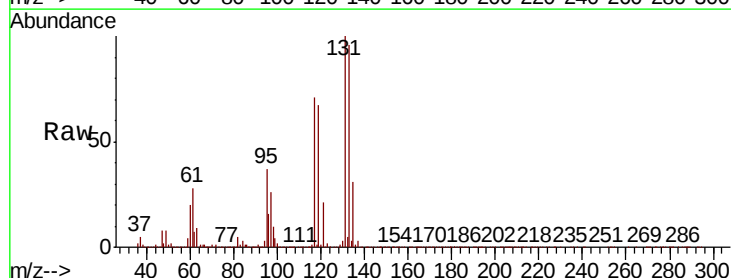
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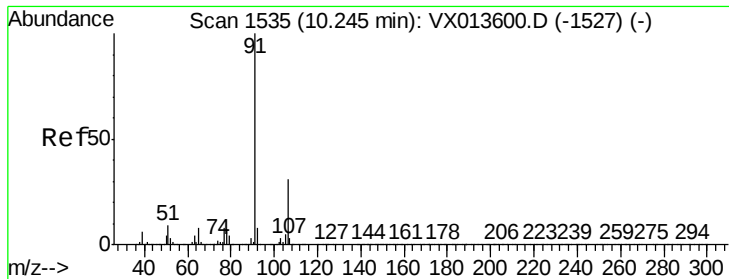
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.067 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.7	143.1
119	66.5	32.9	98.6





#67

Ethyl Benzene

Concen: 21.347 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 91 Resp: 694385

Ion Ratio Lower Upper

91 100

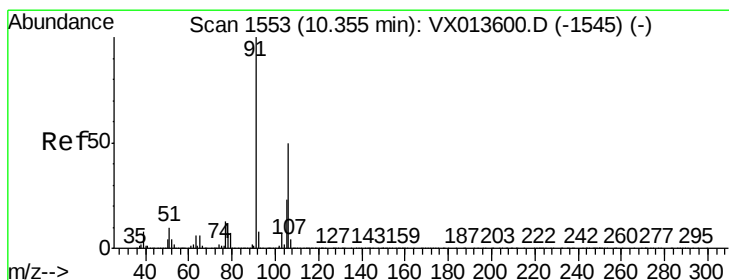
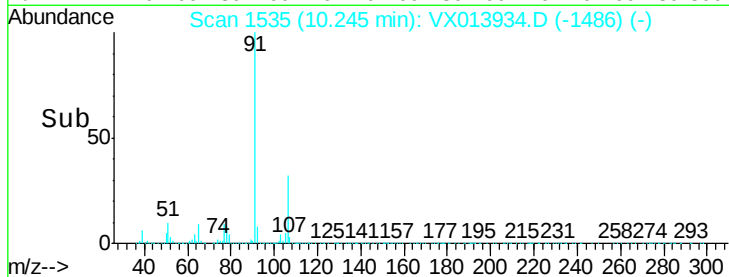
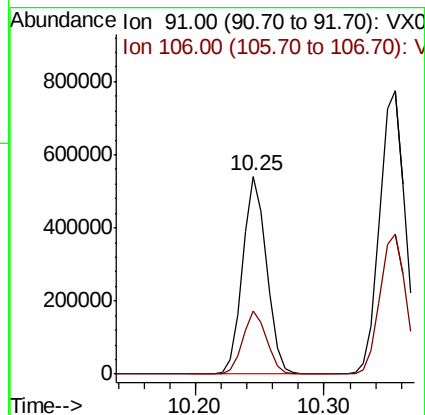
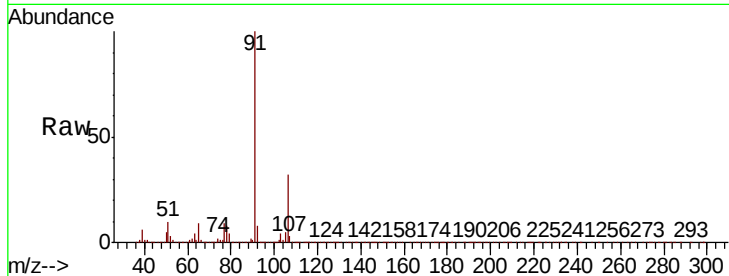
106 31.7 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.315 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013934.D

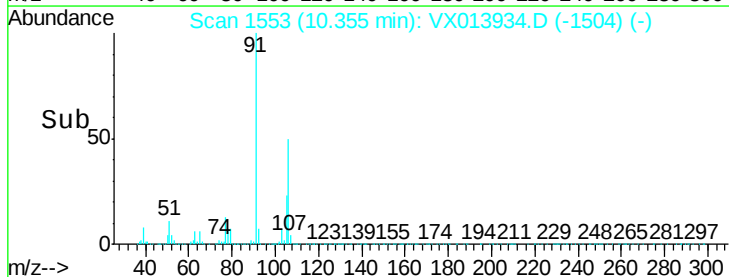
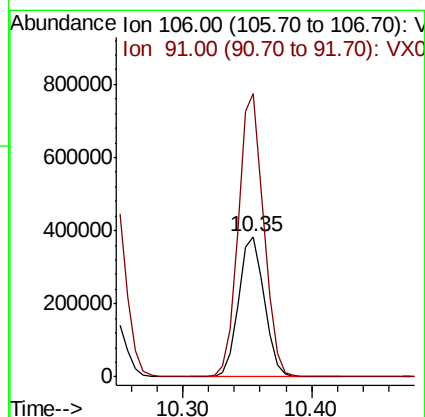
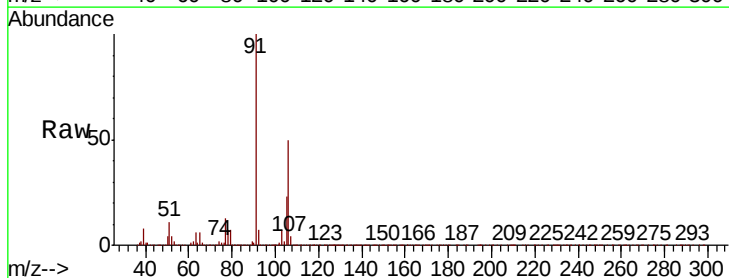
Acq: 11 Dec 2019 11:05

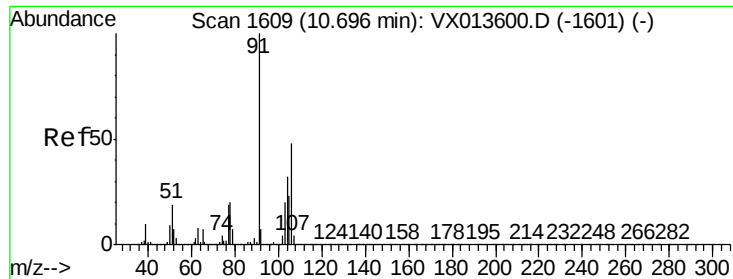
Tgt Ion: 106 Resp: 526989

Ion Ratio Lower Upper

106 100

91 200.1 159.0 238.4





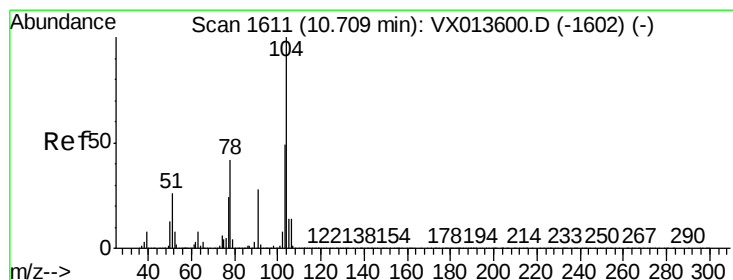
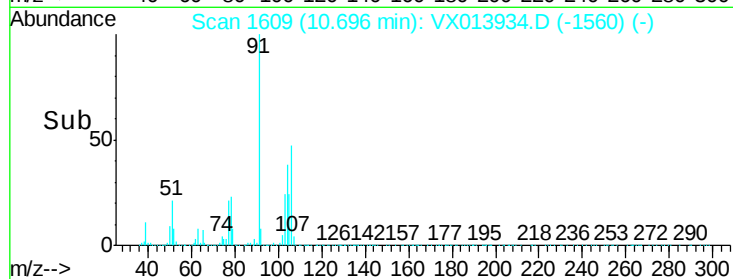
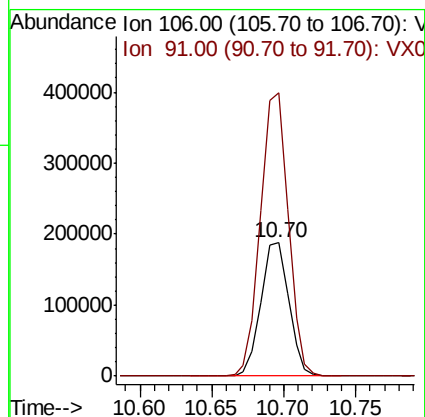
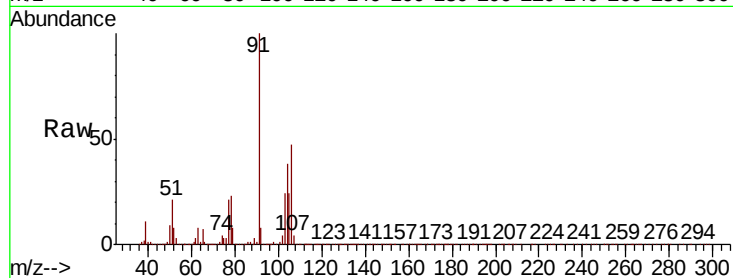
#69
o-Xylene
Concen: 20.777 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion:106 Resp: 252365
Ion Ratio Lower Upper
106 100
91 211.5 104.1 312.2

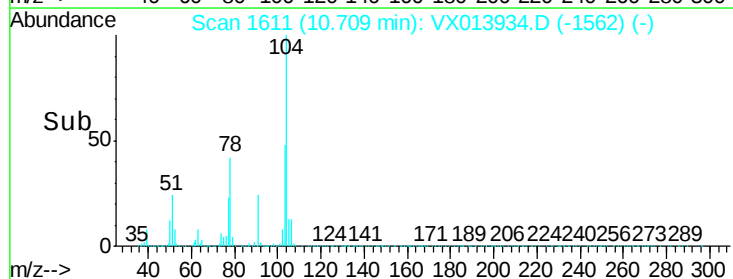
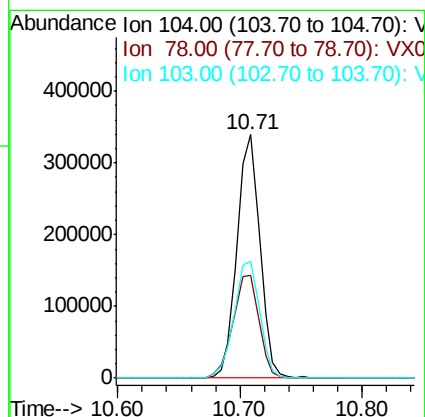
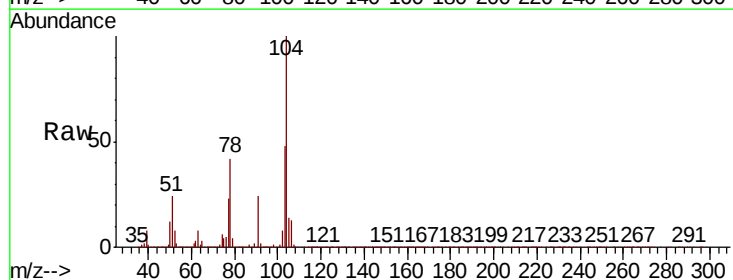
Manual Integrations
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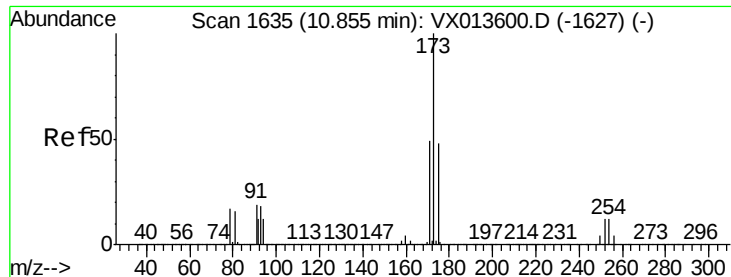
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#70
Styrene
Concen: 21.438 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion:104 Resp: 438032
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 20.041 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

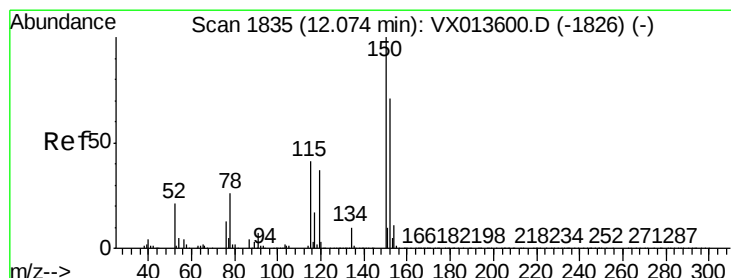
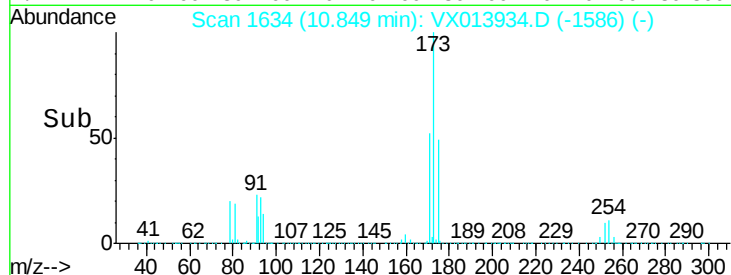
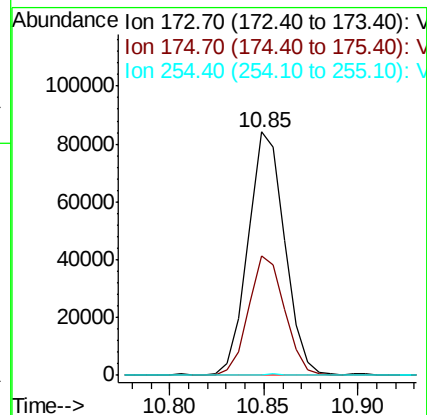
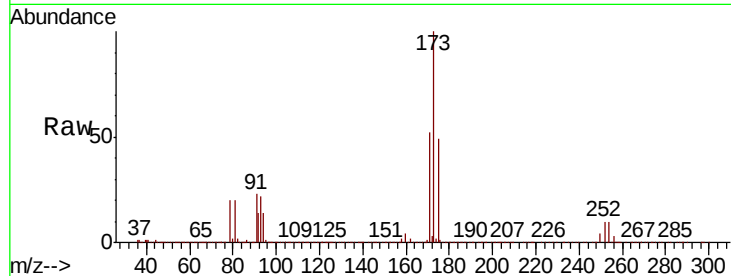
ClientSampleId :

VX1211WBS01

Tot Ion:	173	Resp:	112721
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.3	72.8
254	0.3	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

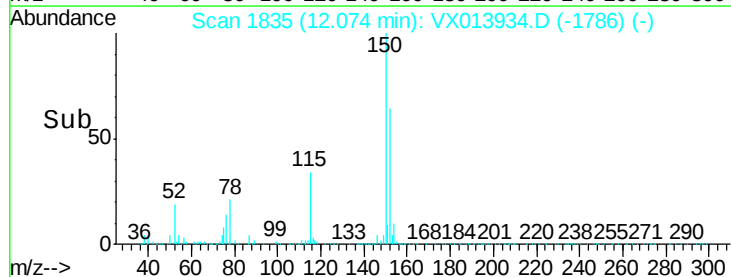
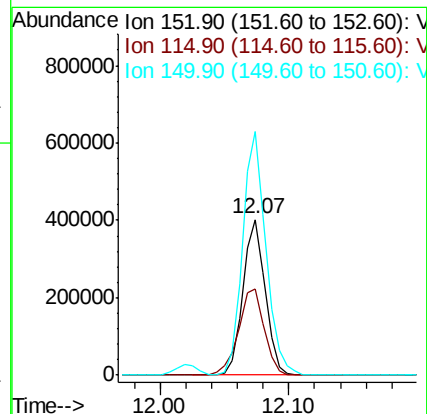
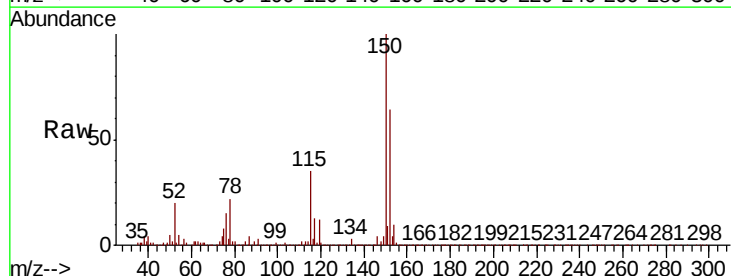
RT: 12.07 min Scan# 1835

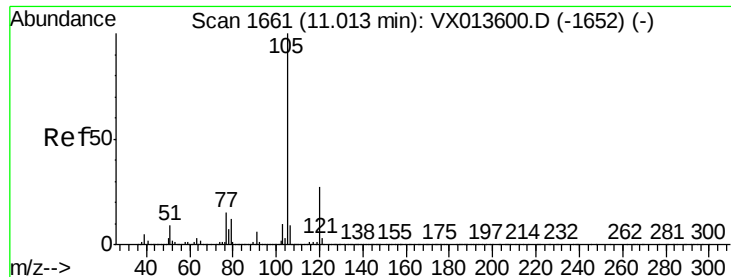
Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	152	Resp:	479350
Ion Ratio	Lower	Upper	
152	100		
115	64.6	38.4	115.1
150	163.6	0.0	346.8





#73

Isopropylbenzene

Concen: 20.535 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion: 105 Resp: 690489

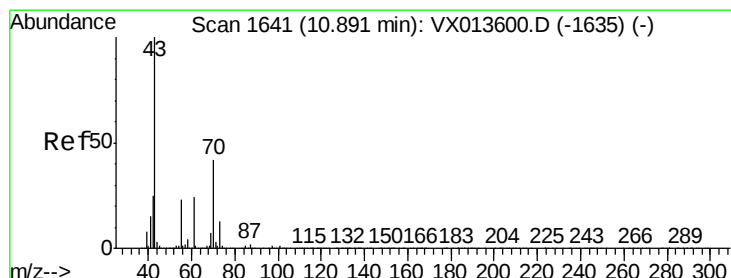
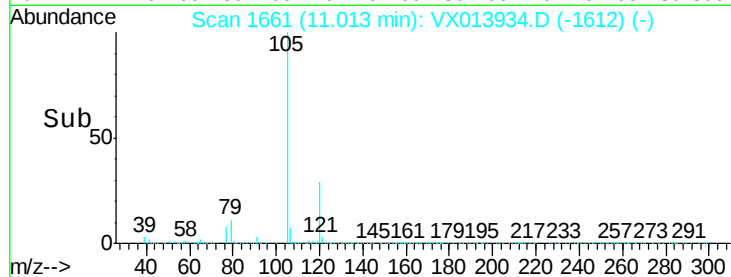
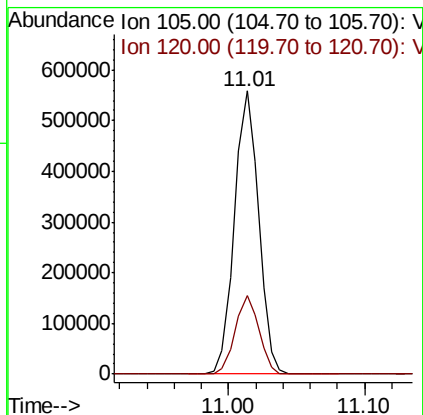
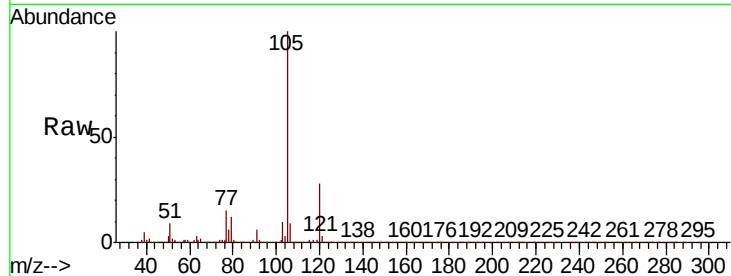
Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.409 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion: 43 Resp: 298960

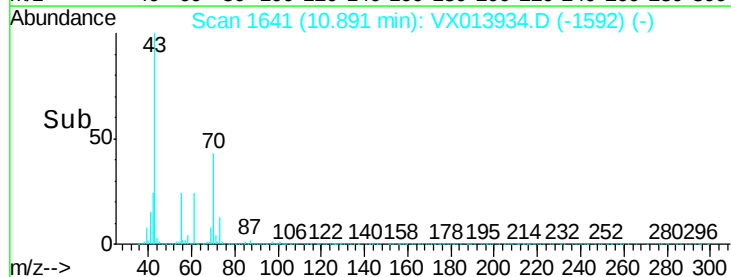
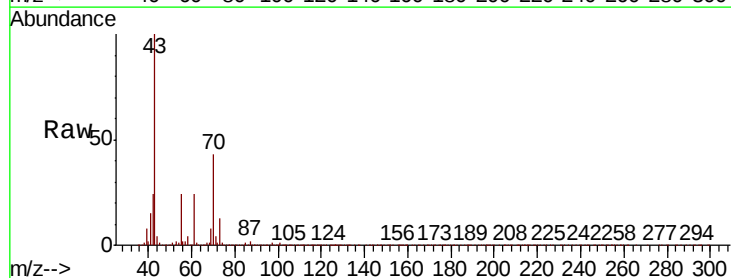
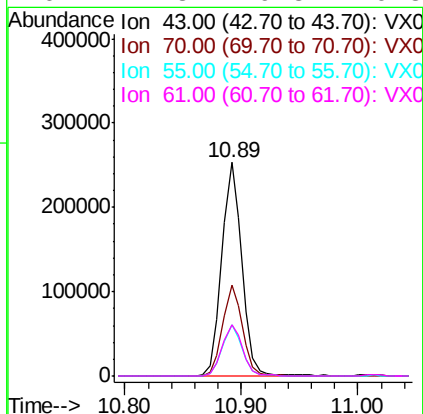
Ion Ratio Lower Upper

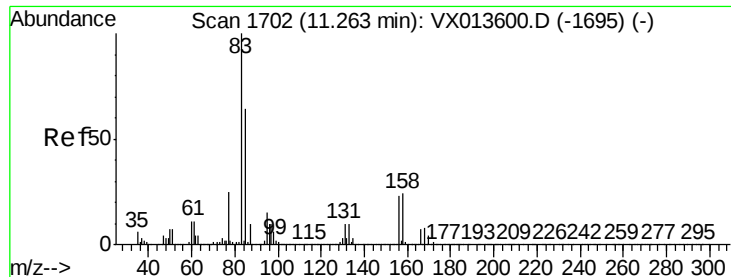
43 100

70 42.6 34.3 51.5

55 24.0 18.5 27.7

61 24.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.832 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

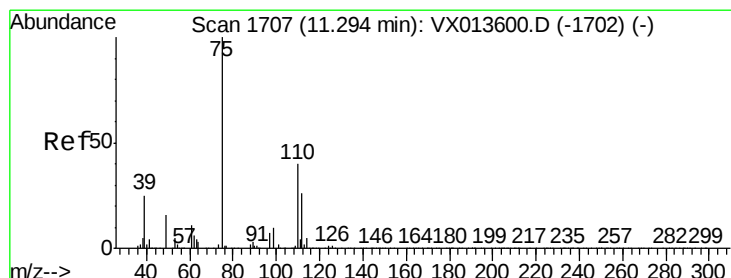
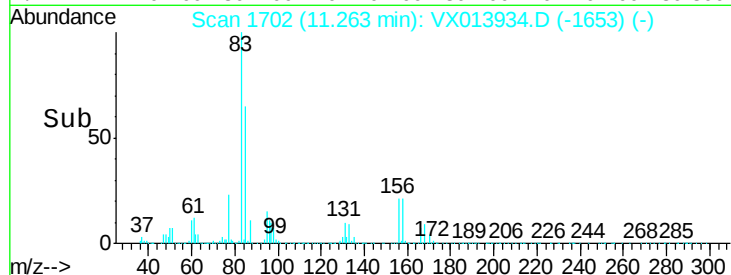
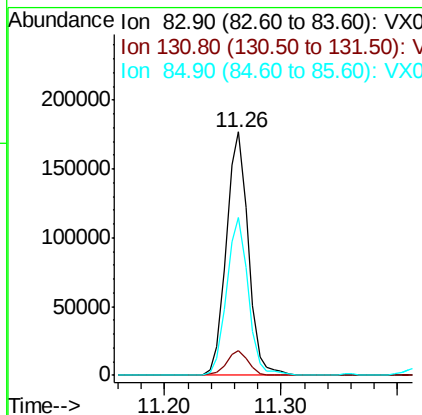
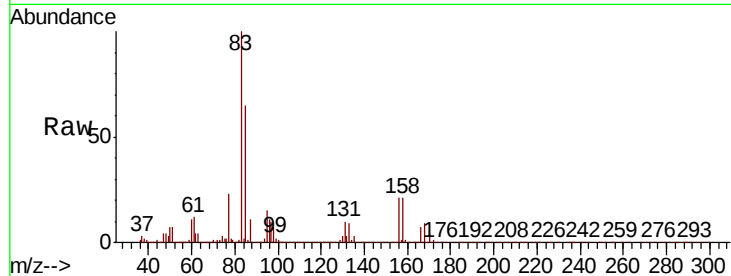
ClientSampleId :

VX1211WBS01

Tot Ion:	83	Resp:	231261
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	63.6	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 17.455 ug/l m

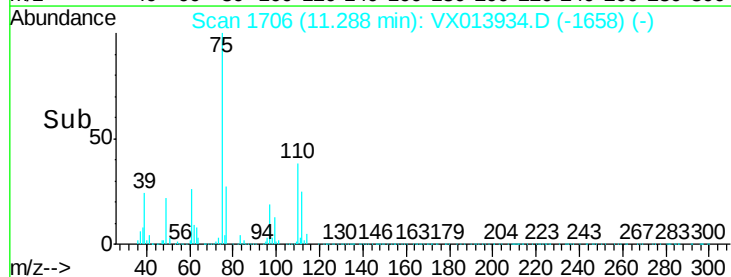
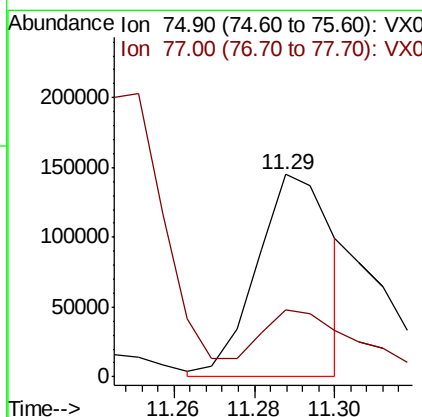
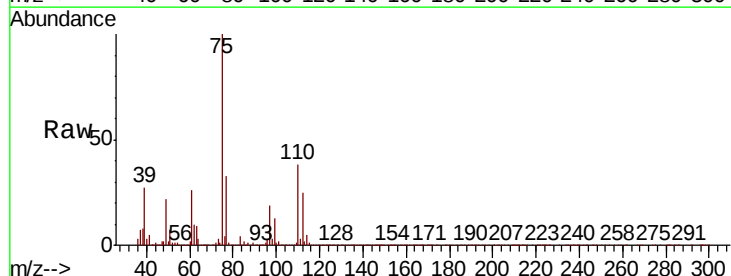
RT: 11.29 min Scan# 1706

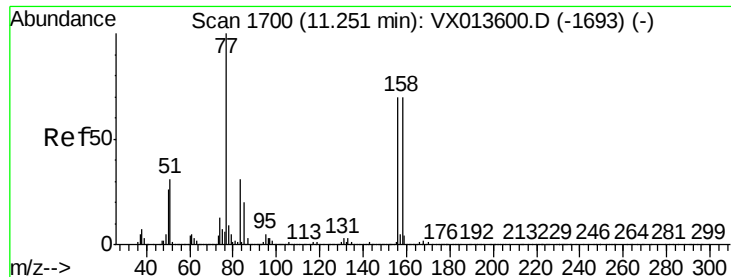
Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	75	Resp:	188185
Ion Ratio	Lower	Upper	
75	100		
77	44.8	19.1	57.5





#77

Bromobenzene

Concen: 19.698 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

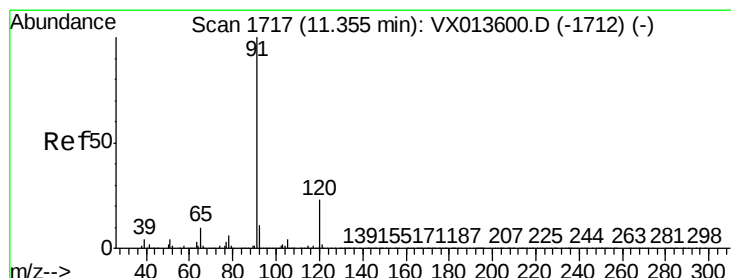
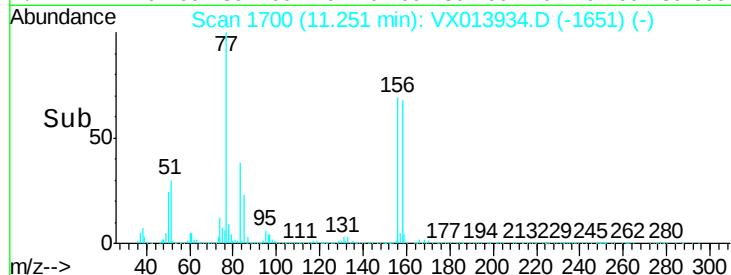
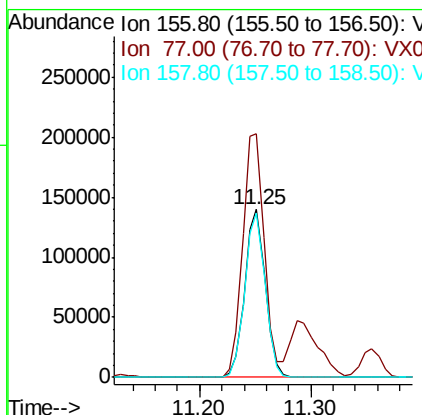
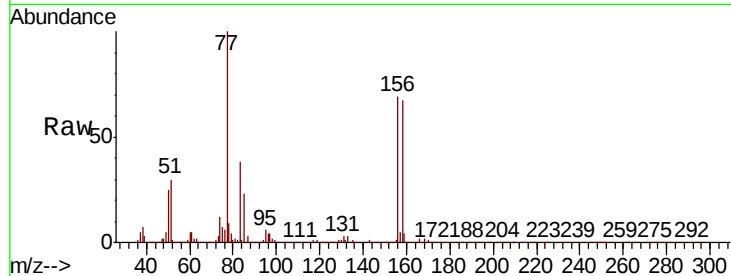
ClientSampleId :

VX1211WBS01

Tot Ion:	156	Resp:	178934
Ion Ratio	Lower	Upper	
156	100		
77	151.0	74.4	223.1
158	96.7	48.9	146.6

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#78

n-propylbenzene

Concen: 21.291 ug/l

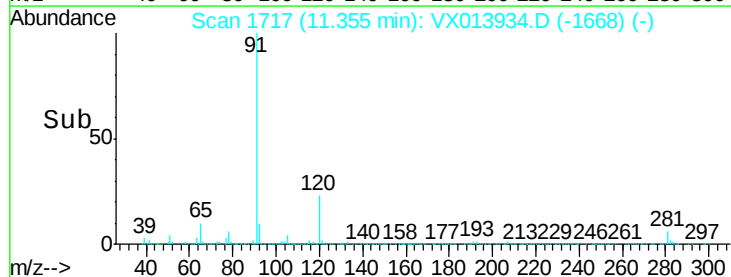
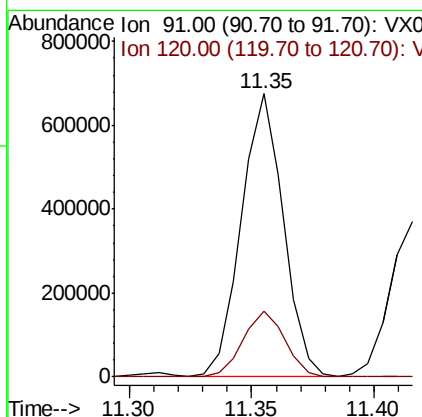
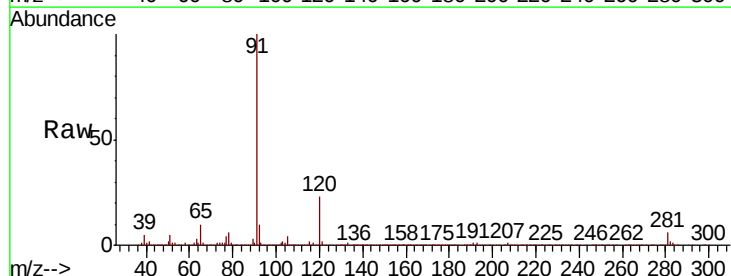
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013934.D

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Tgt Ion:	91	Resp:	799171
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





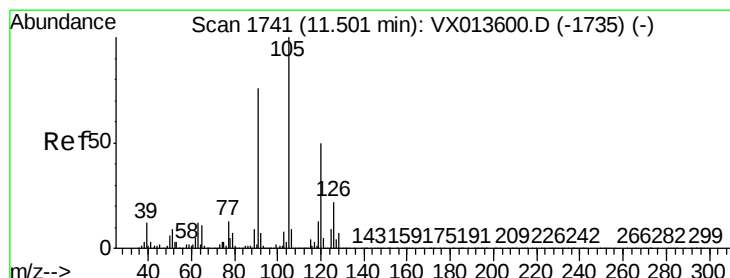
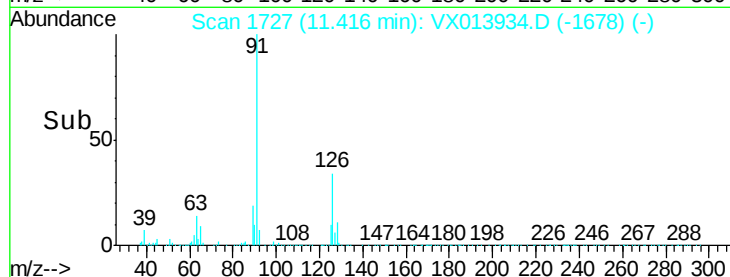
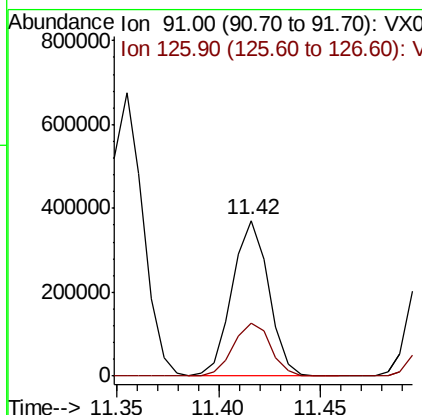
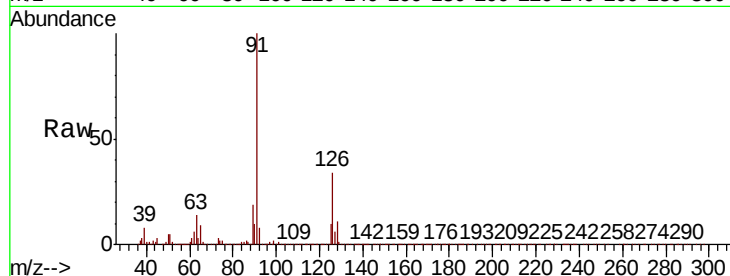
#79
2-Chlorotoluene
Concen: 20.341 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.5	52.5

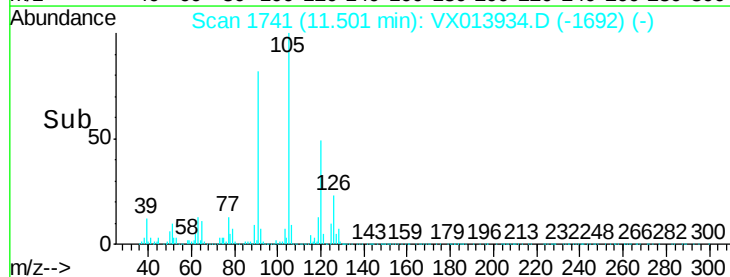
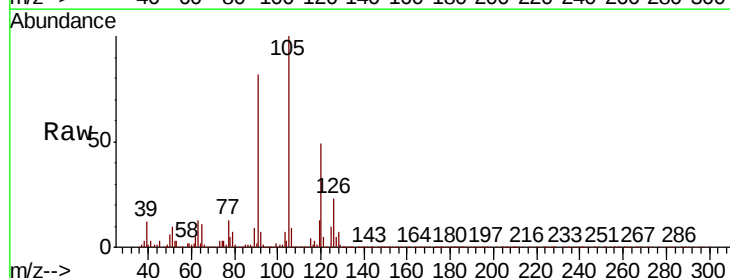
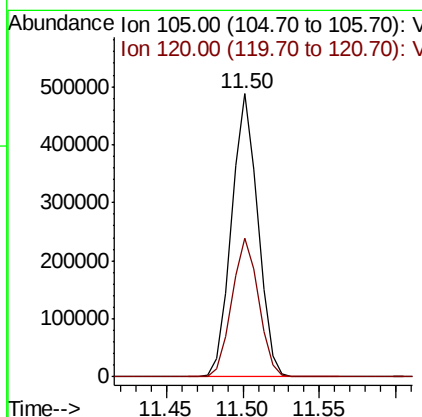
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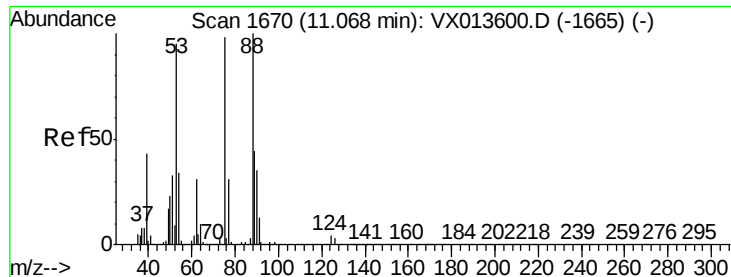
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#80
1,3,5-Trimethylbenzene
Concen: 21.072 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	25.3	75.9





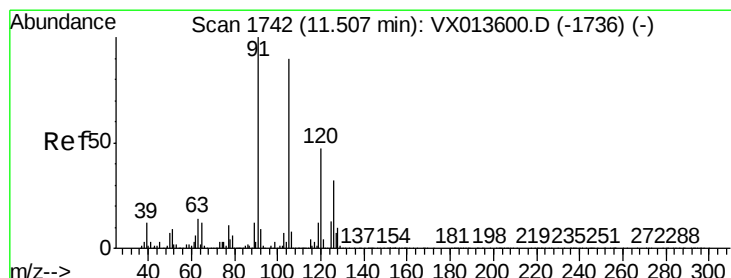
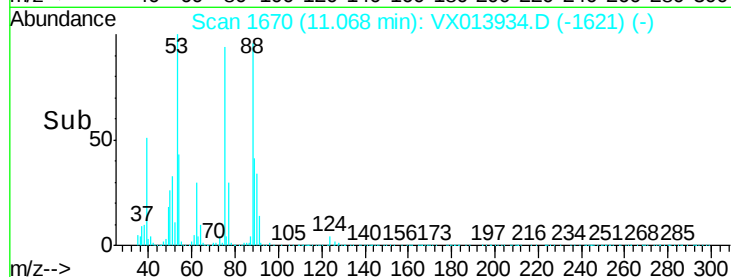
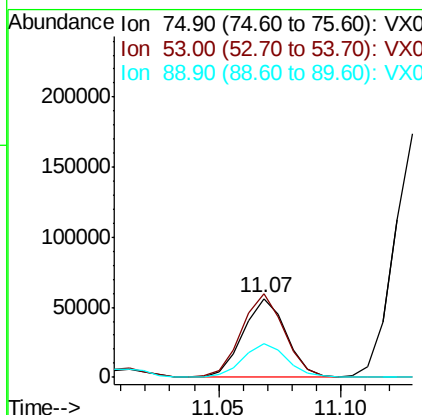
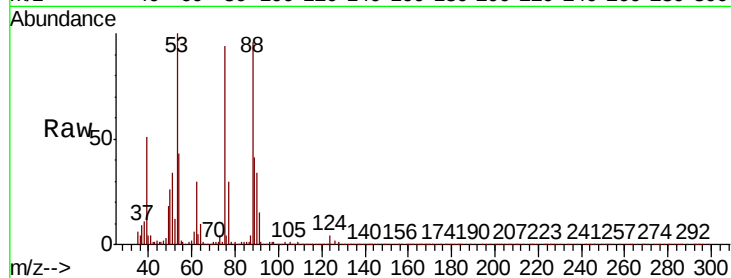
#81
trans-1,4-Dichloro-2-butene
Concen: 17.284 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	78.2	117.2
89	45.5	35.4	53.2

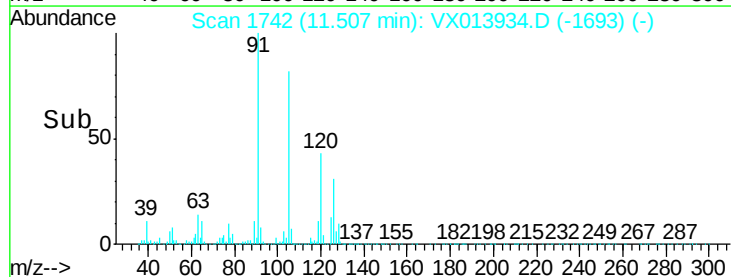
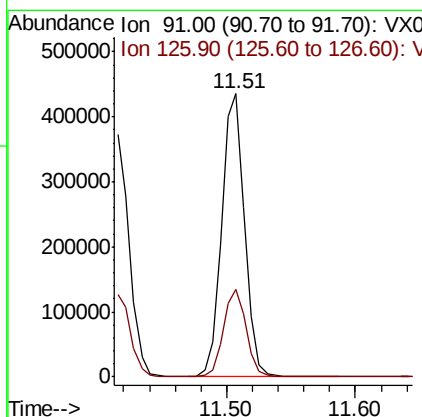
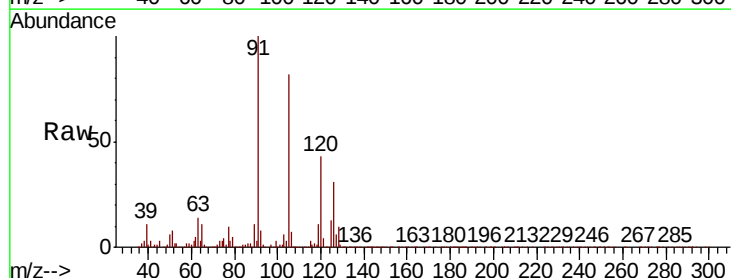
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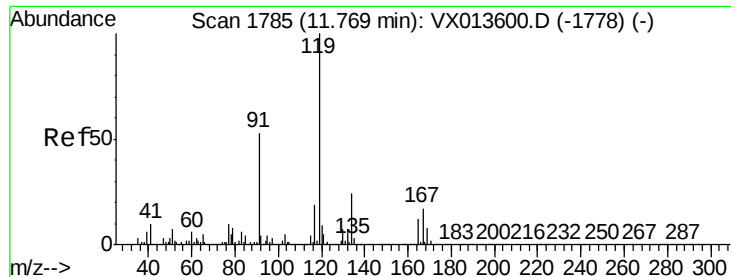
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#82
4-Chlorotoluene
Concen: 20.795 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.0





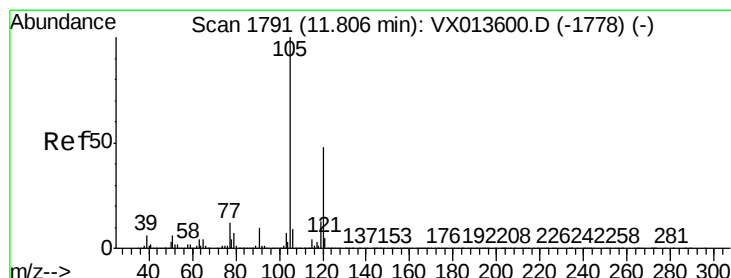
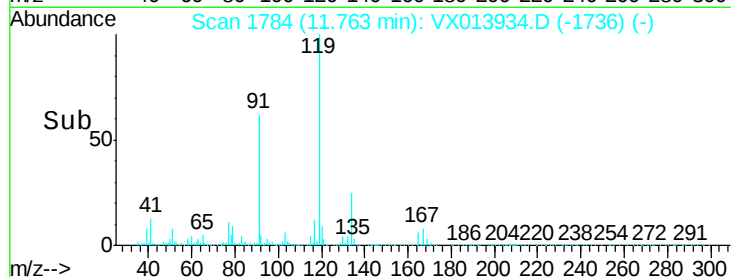
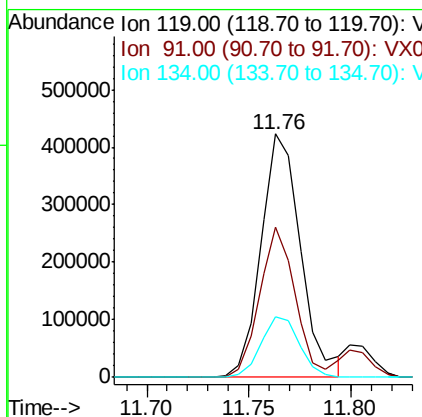
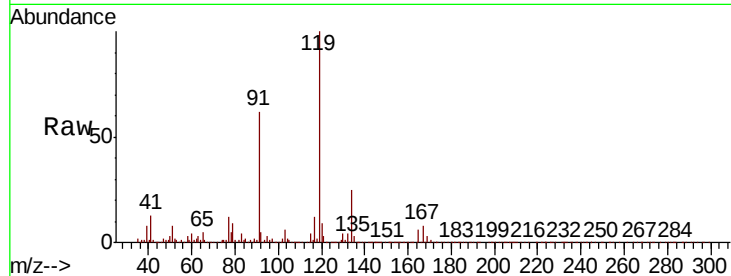
#83
 tert-Butylbenzene
 Concen: 20.423 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	571999		
91	55.4	27.2	81.6	
134	24.2	11.7	35.1	

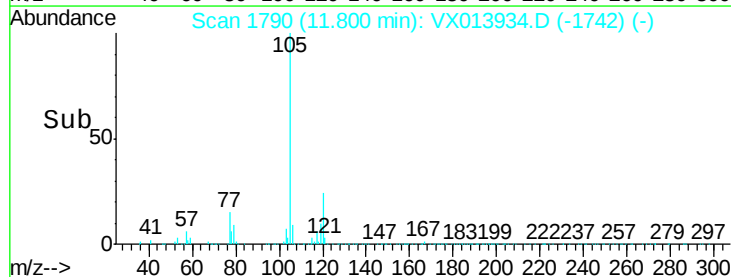
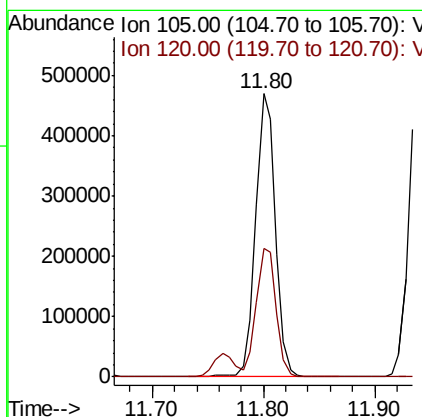
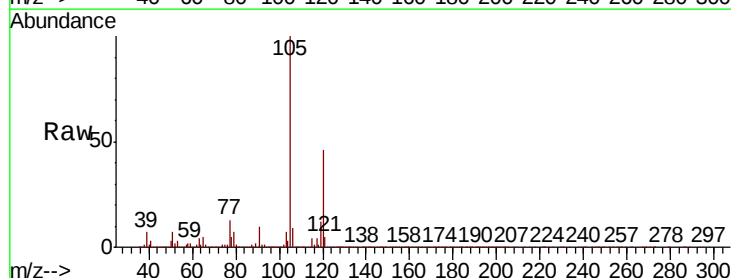
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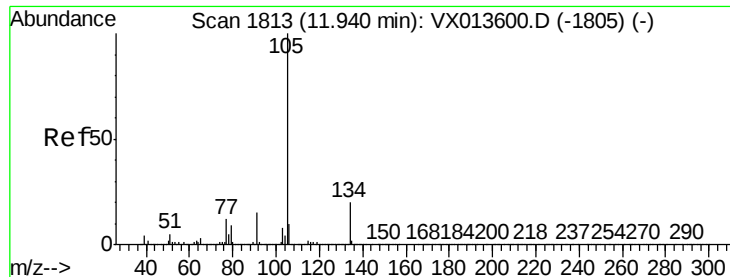
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.665 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	577982		
120	45.8	23.1	69.3	





#85

sec-Butylbenzene

Concen: 21.439 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBS01

Tot Ion:105 Resp: 685851

Ion Ratio Lower Upper

105 100

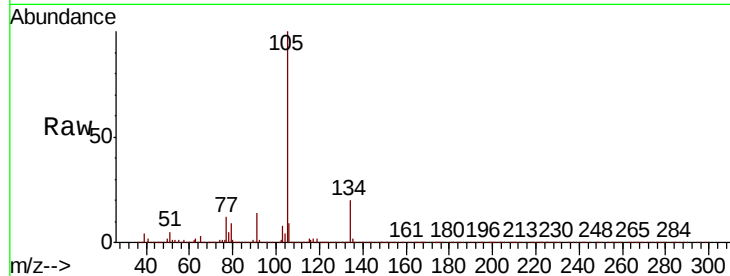
134 20.4 10.4 31.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

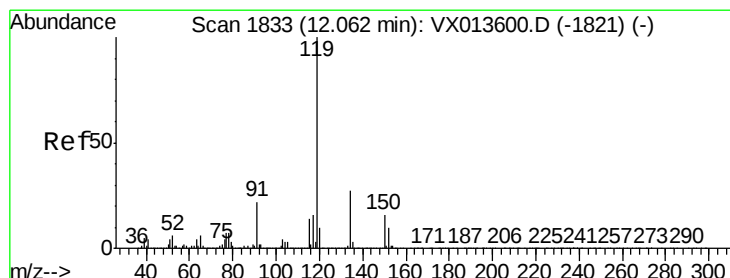
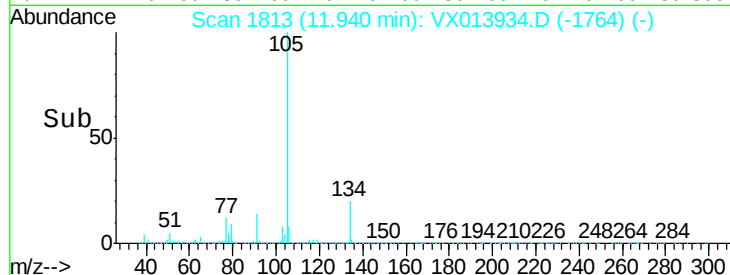
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.805 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

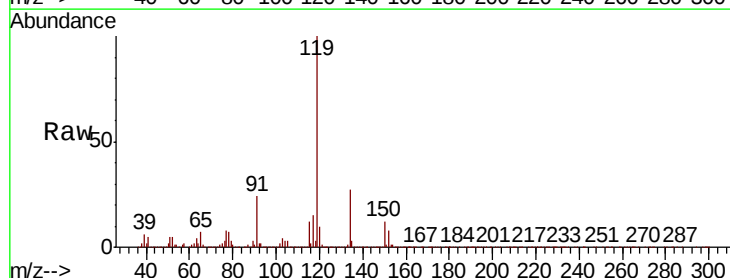
Tgt Ion:119 Resp: 619186

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 23.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

600000

500000

400000

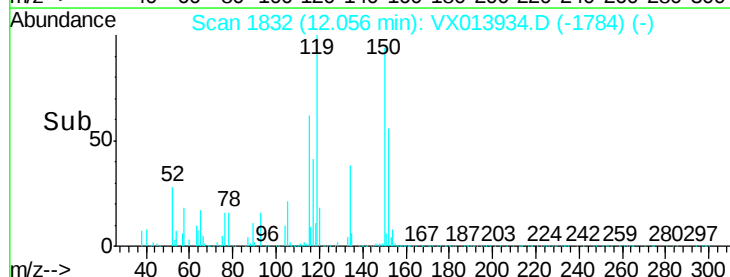
300000

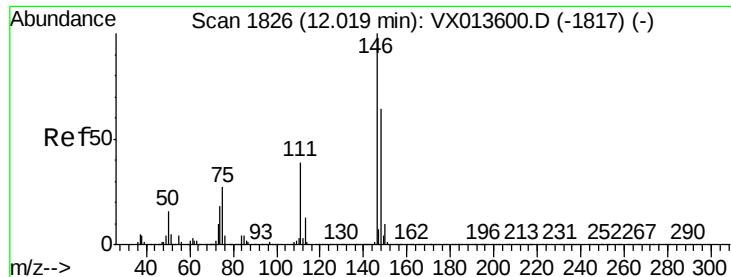
200000

100000

0

Time-->





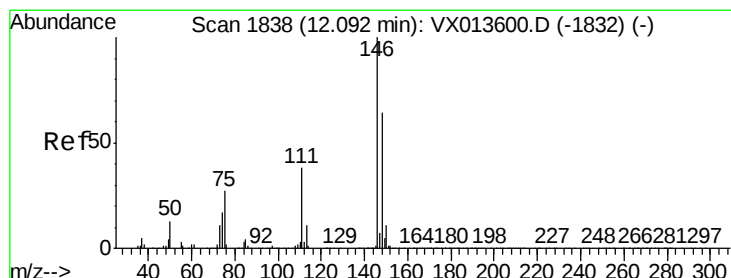
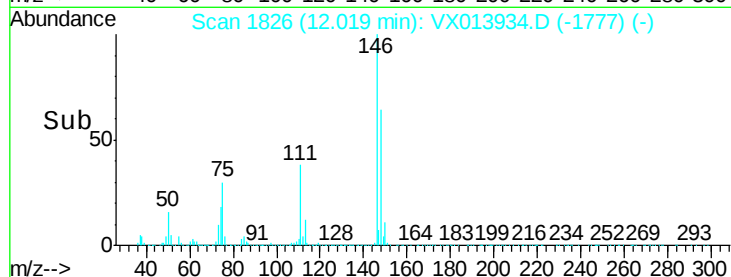
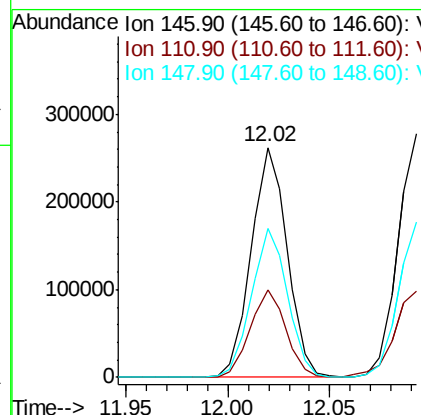
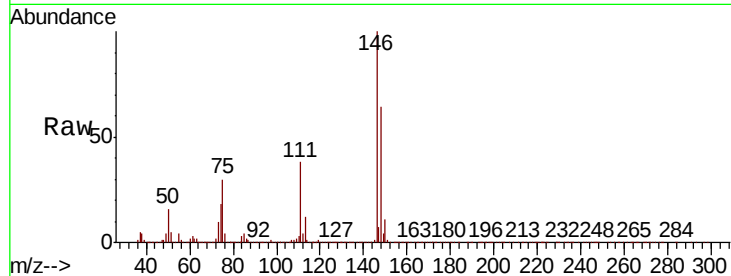
#87
 1,3-Dichlorobenzene
 Concen: 20.386 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	64.5	31.8	95.4

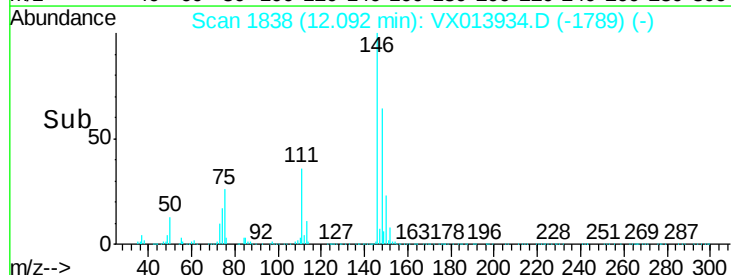
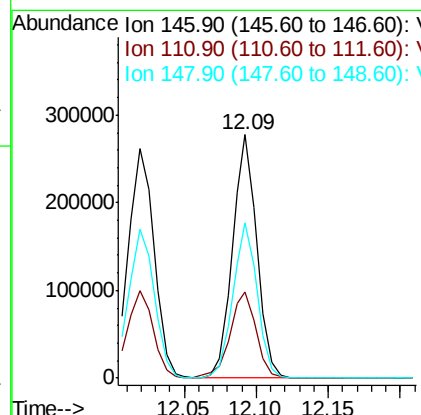
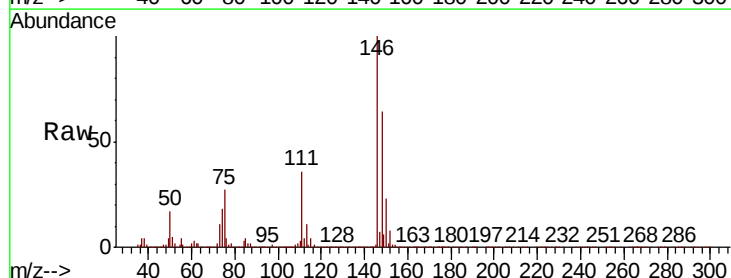
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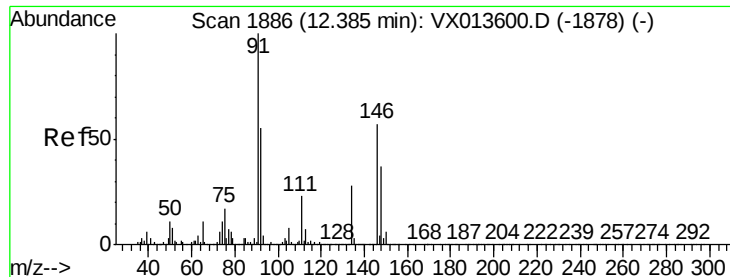
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#88
 1,4-Dichlorobenzene
 Concen: 20.402 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	64.1	31.9	95.5





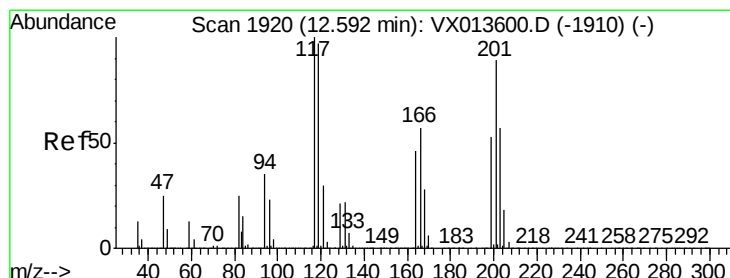
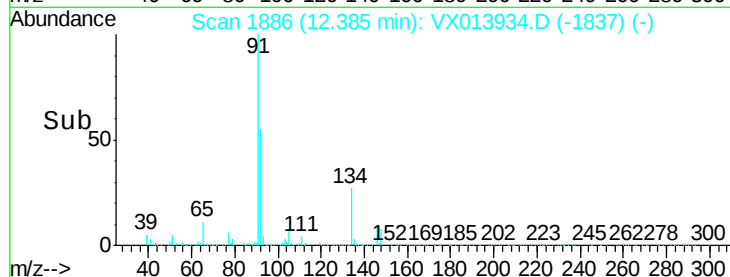
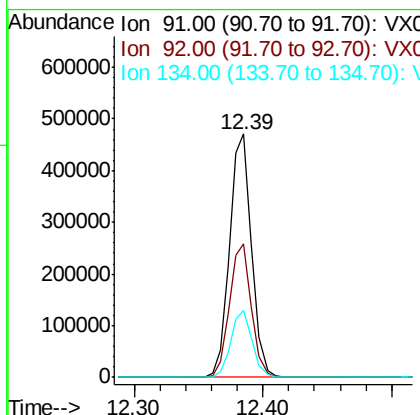
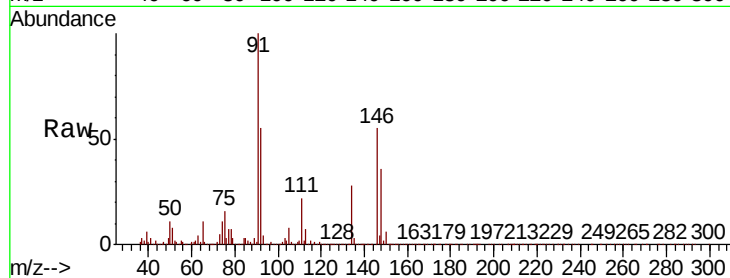
#89
n-Butylbenzene
Concen: 22.097 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	560888		
92	54.7		27.4	82.2
134	26.7		13.5	40.4

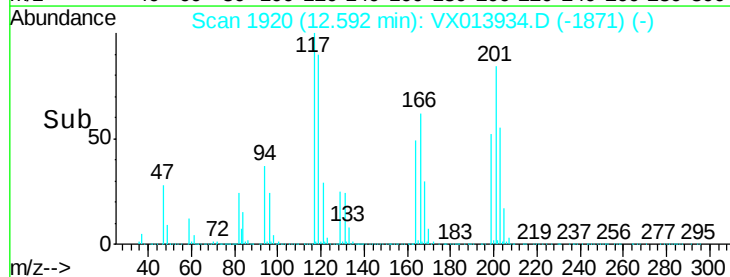
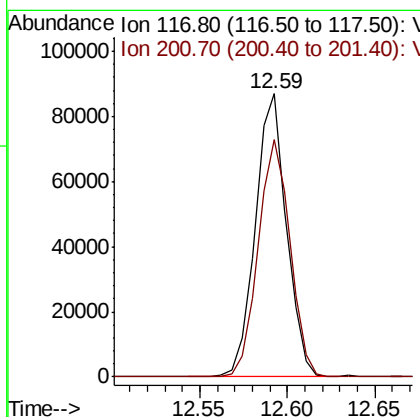
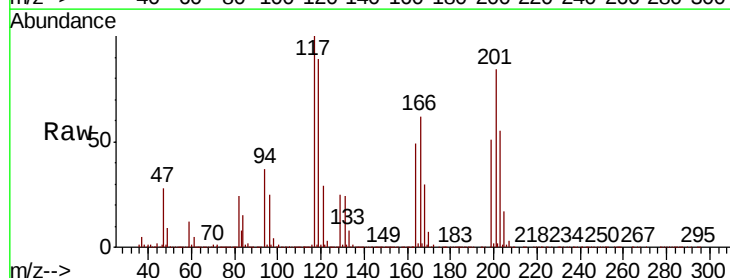
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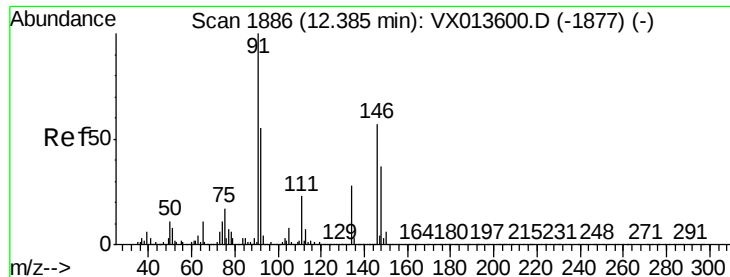
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#90
Hexachloroethane
Concen: 19.963 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107386		
201	85.6		44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 20.482 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Instrument :

MSVOA_X

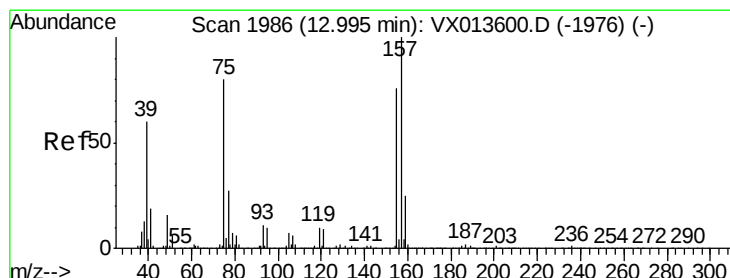
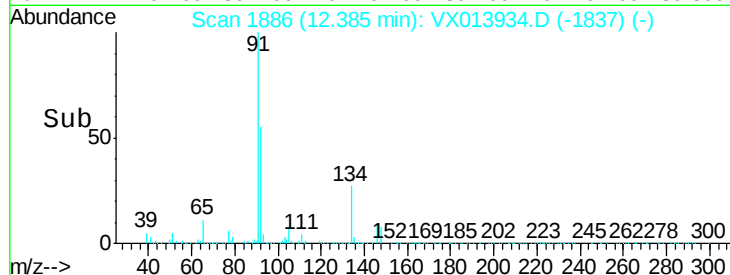
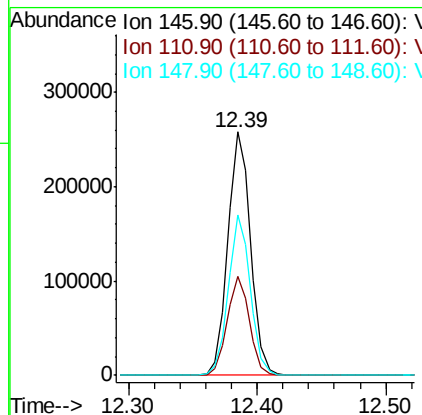
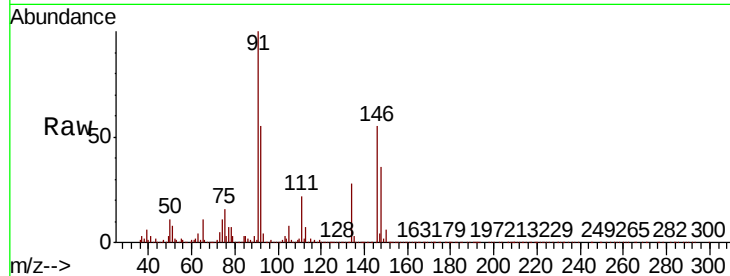
ClientSampleId :

VX1211WBS01

Tot Ion:	146	Resp:	320450
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.6	58.7
148	63.7	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.308 ug/l

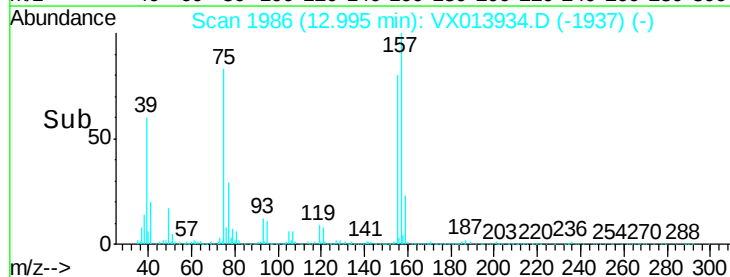
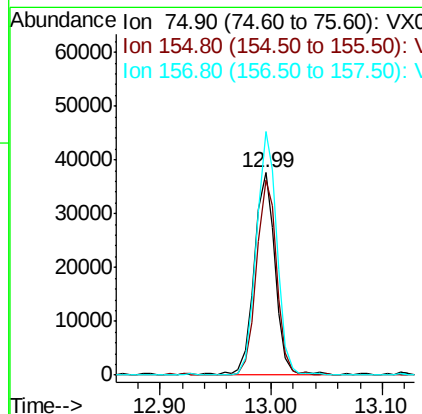
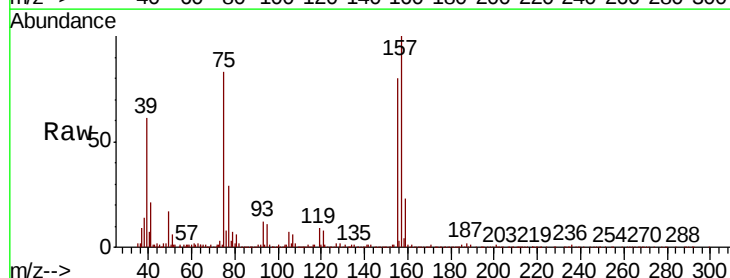
RT: 12.99 min Scan# 1986

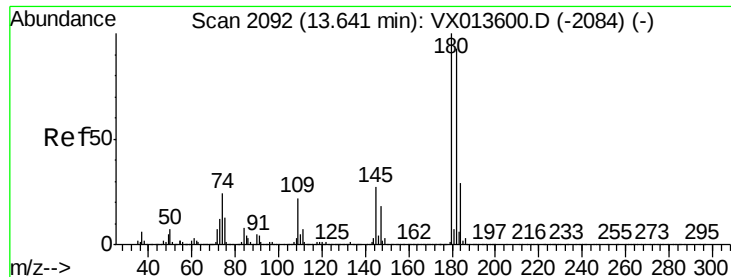
Delta R.T. 0.00 min

Lab File: VX013934.D

Acq: 11 Dec 2019 11:05

Tgt Ion:	75	Resp:	49030
Ion Ratio	Lower	Upper	
75	100		
155	92.7	47.6	142.8
157	116.7	62.1	186.2





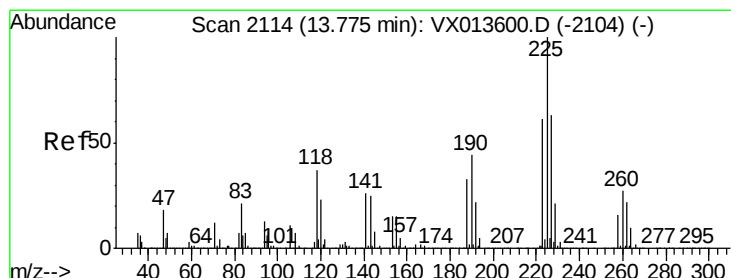
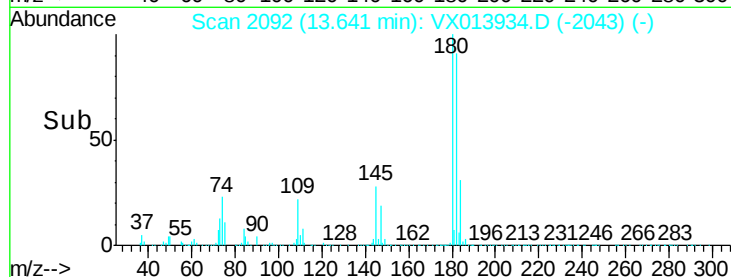
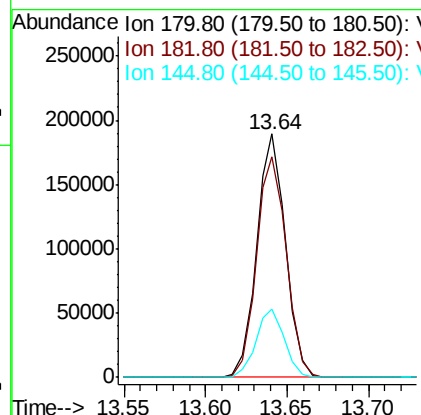
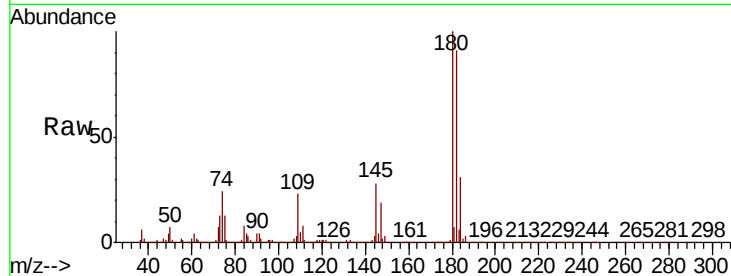
#93
 1,2,4-Trichlorobenzene
 Concen: 21.222 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Tot Ion:	180	Resp:	231395
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.2	141.6
145	28.2	13.8	41.4

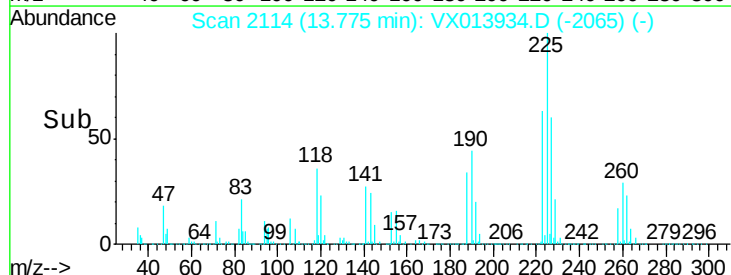
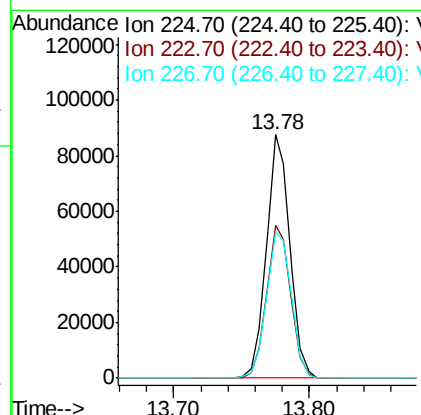
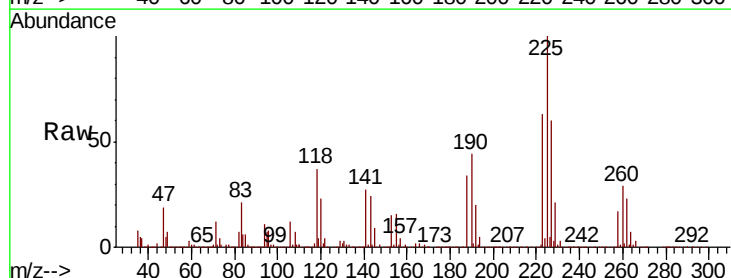
Manual Integrations
 APPROVED

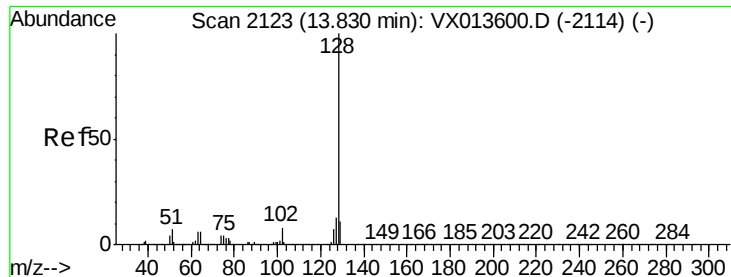
apatel
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#94
 Hexachlorobutadiene
 Concen: 20.311 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013934.D
 Acq: 11 Dec 2019 11:05

Tgt Ion:	225	Resp:	106386
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.9	95.5
227	63.4	32.1	96.3





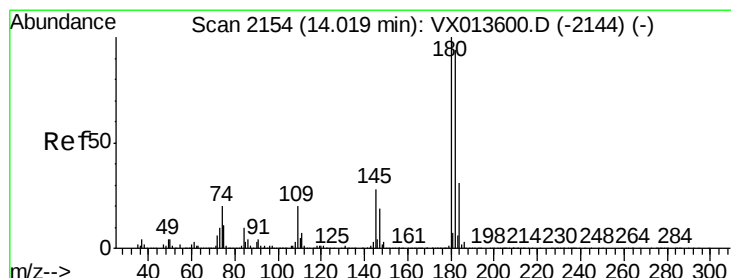
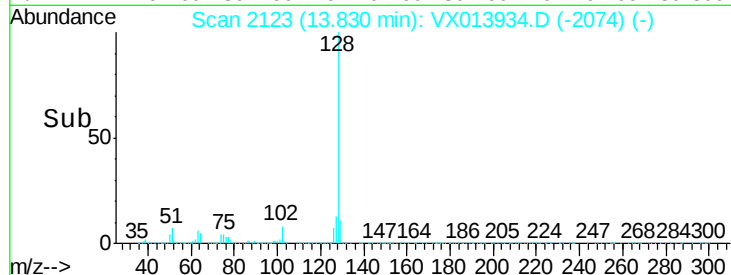
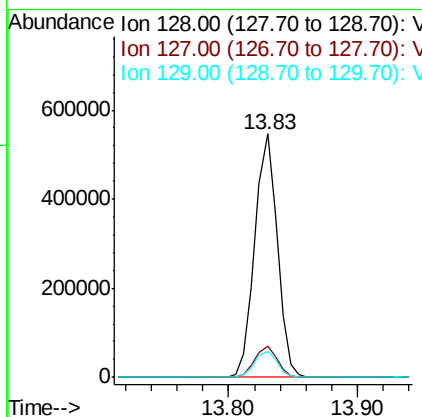
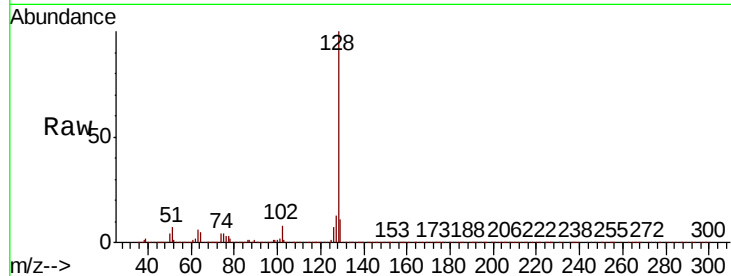
#95
Naphthalene
Concen: 20.167 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.891 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013934.D
Acq: 11 Dec 2019 11:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	47.6	142.8
145	29.8	15.0	45.0

