

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121119\
 Data File : VX013932.D
 Acq On : 11 Dec 2019 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:26:28 AM

Quant Time: Dec 12 03:59:05 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	589914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	879923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	804058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	423183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	310812	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.48	113	267388	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.71	98	1007328	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.13	95	377752	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	300678	45.793	ug/l	97
3) Chloromethane	1.32	50	329127	44.672	ug/l	98
4) Vinyl Chloride	1.40	62	397111	47.888	ug/l	99
5) Bromomethane	1.63	94	251413	45.145	ug/l	98
6) Chloroethane	1.72	64	221039	46.842	ug/l	98
7) Trichlorofluoromethane	1.92	101	431478	46.859	ug/l	100
8) Diethyl Ether	2.18	74	197546	47.421	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273837	48.688	ug/l	99
10) Methyl Iodide	2.50	142	296512	43.582	ug/l	99
11) Tert butyl alcohol	3.03	59	299667	177.297	ug/l	98
12) 1,1-Dichloroethene	2.37	96	260372	46.379	ug/l	99
13) Acrolein	2.28	56	280719	248.385	ug/l	99
14) Allyl chloride	2.72	41	475646	46.687	ug/l	99
15) Acrylonitrile	3.13	53	773437	221.687	ug/l	99
16) Acetone	2.43	43	985619	291.540	ug/l	100
17) Carbon Disulfide	2.56	76	654556	40.900	ug/l	99
18) Methyl Acetate	2.76	43	444114	47.176	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	888033	47.749	ug/l	99
20) Methylene Chloride	2.85	84	301336	46.395	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	281100	45.962	ug/l	98
22) Diisopropyl ether	3.84	45	962595	49.068	ug/l #	89
23) Vinyl Acetate	3.80	43	3872666	237.300	ug/l	100
24) 1,1-Dichloroethane	3.69	63	521196	48.600	ug/l	97
25) 2-Butanone	4.65	43	1248851	248.557	ug/l	99
26) 2,2-Dichloropropane	4.57	77	424658	47.860	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	328077	46.712	ug/l	99
28) Bromochloromethane	5.00	49	225465	53.202	ug/l	97
29) Tetrahydrofuran	5.11	42	683184	220.568	ug/l	99
30) Chloroform	5.20	83	543447	49.967	ug/l	99
31) Cyclohexane	5.56	56	459571	45.434	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	433093	47.652	ug/l	99
36) 1,1-Dichloropropene	5.79	75	381897	47.812	ug/l	98
37) Ethyl Acetate	4.81	43	417433	46.585	ug/l	99
38) Carbon Tetrachloride	5.78	117	369850	50.216	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	475711	48.182	ug/l	99
40) Benzene	6.13	78	1178577	48.447	ug/l	99
41) Methacrylonitrile	5.02	41	239192	48.673	ug/l	99
42) 1,2-Dichloroethane	6.18	62	403846	48.676	ug/l	99
43) Isopropyl Acetate	6.43	43	688039	46.640	ug/l	100
44) Trichloroethene	7.20	130	319978	47.926	ug/l	97
45) 1,2-Dichloropropane	7.51	63	311859	51.237	ug/l	97
46) Dibromomethane	7.65	93	198286	47.966	ug/l	99
47) Bromodichloromethane	7.89	83	403372	51.616	ug/l	97
48) Methyl methacrylate	7.76	41	350354	48.879	ug/l	99
49) 1,4-Dioxane	7.73	88	124774	777.689	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2170723	233.927	ug/l	100
52) Toluene	8.78	92	741460	49.061	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	439963	49.460	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	493405	50.771	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	302657	49.695	ug/l	98
56) Ethyl methacrylate	9.17	69	479288	48.949	ug/l	99
57) 1,3-Dichloropropane	9.36	76	516785	49.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	924371	240.781	ug/l	100
59) 2-Hexanone	9.48	43	1774934	245.247	ug/l	99
60) Dibromochloromethane	9.57	129	320617	50.727	ug/l	98
61) 1,2-Dibromoethane	9.67	107	311134	47.832	ug/l	99
64) Tetrachloroethene	9.33	164	292271	48.743	ug/l	99
65) Chlorobenzene	10.14	112	811772	48.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	298921	49.865	ug/l	100
67) Ethyl Benzene	10.25	91	1430526	49.867	ug/l	99
68) m/p-Xylenes	10.35	106	1087880	99.053	ug/l	100
69) o-Xylene	10.70	106	519849	48.532	ug/l	97
70) Styrene	10.71	104	916972	50.890	ug/l	99
71) Bromoform	10.85	173	243886	49.170	ug/l	98
73) Isopropylbenzene	11.01	105	1413179	47.606	ug/l	99
74) N-amyl acetate	10.89	43	622654	45.790	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	473915	46.036	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	382878m	40.226	ug/l	
77) Bromobenzene	11.25	156	367897	45.876	ug/l	99
78) n-propylbenzene	11.35	91	1639147	49.465	ug/l	100
79) 2-Chlorotoluene	11.42	91	949063	47.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1192400	49.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	155491	44.693	ug/l	100
82) 4-Chlorotoluene	11.51	91	1107098	48.086	ug/l	100
83) tert-Butylbenzene	11.76	119	1189432	48.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1201269	48.650	ug/l	100
85) sec-Butylbenzene	11.94	105	1404047	49.715	ug/l	100
86) p-Isopropyltoluene	12.06	119	1299029	49.442	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	669589	47.899	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	668213	46.929	ug/l	99
89) n-Butylbenzene	12.38	91	1187124	52.976	ug/l	99
90) Hexachloroethane	12.59	117	228267	48.066	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	652890	47.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	96454	43.026	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	478132	49.671	ug/l	98
94) Hexachlorobutadiene	13.77	225	218440	47.239	ug/l	99
95) Naphthalene	13.83	128	1402887	48.938	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	465133	48.803	ug/l	99

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

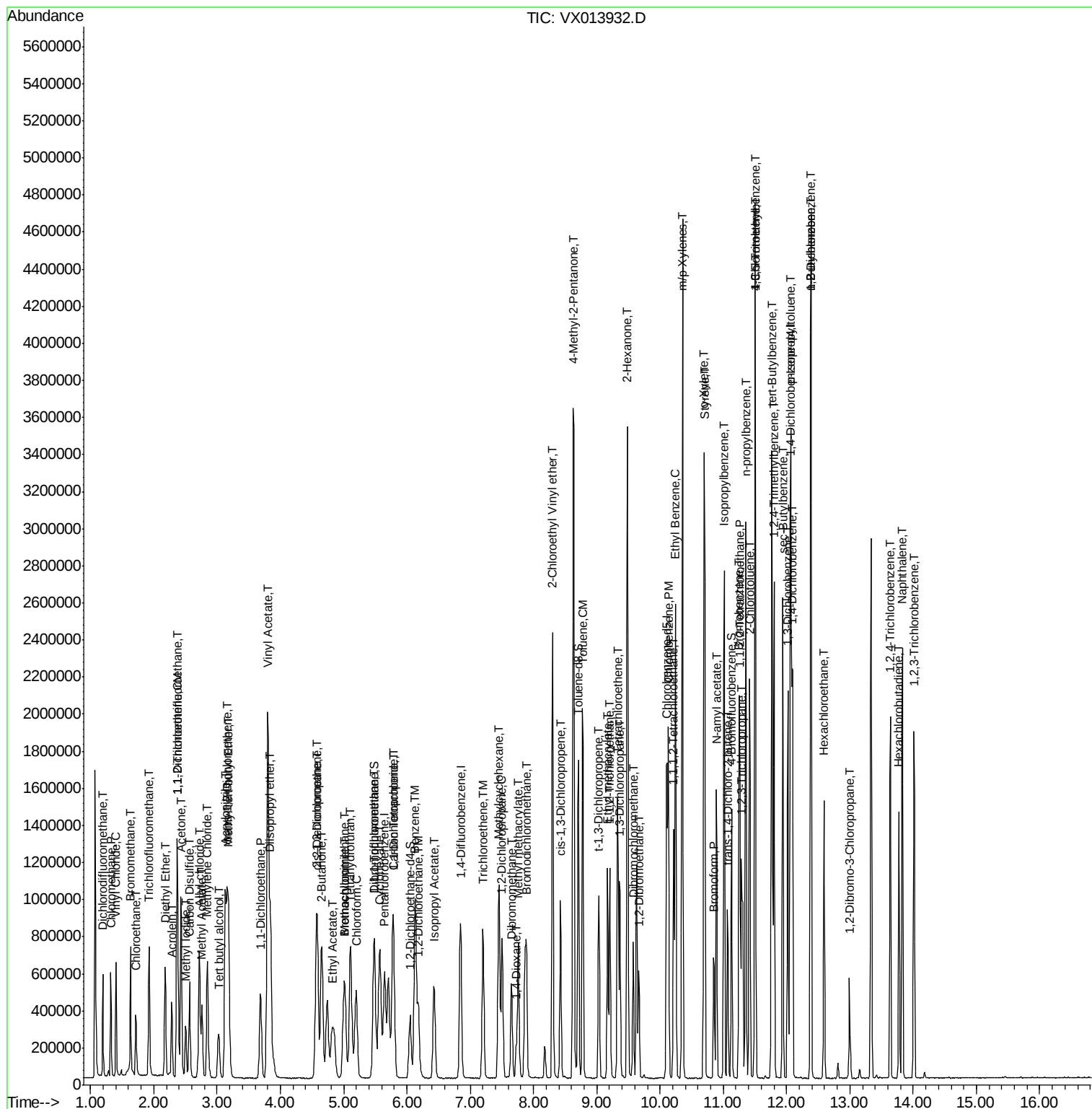
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 Data File : VX013932.D
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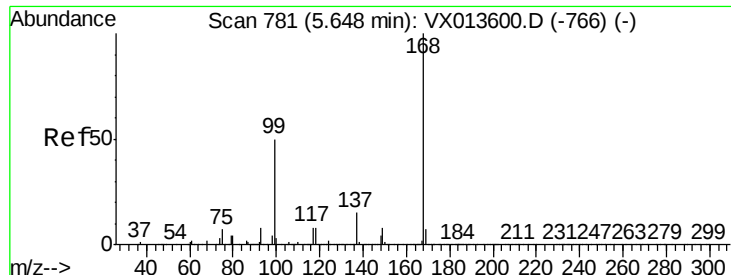
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

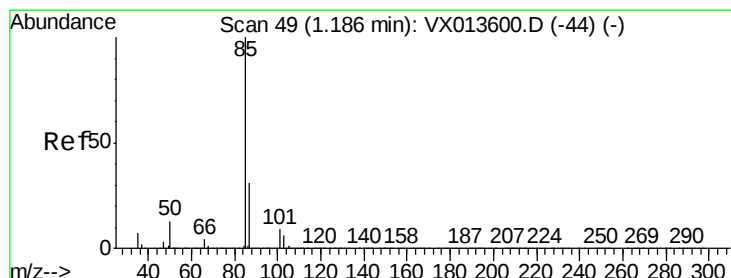
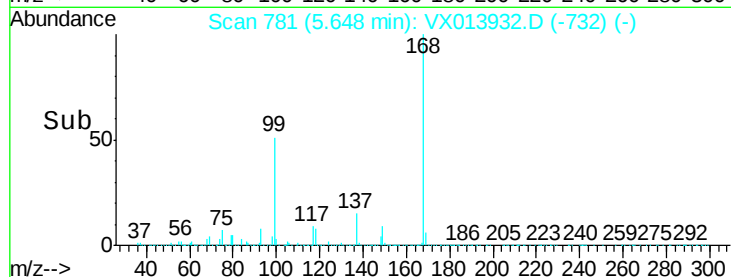
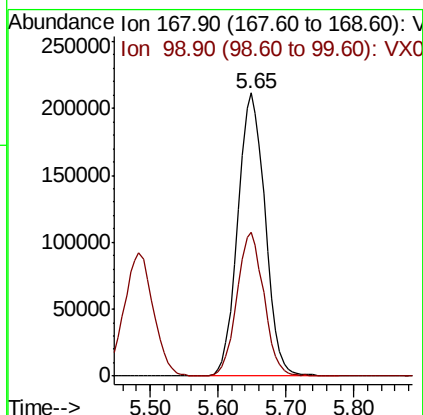
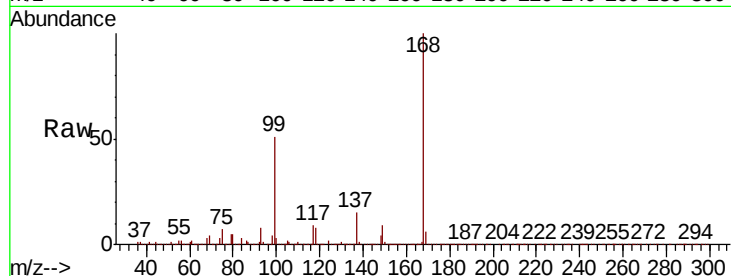
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013932.D
 Acq: 11 Dec 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.8	39.8	59.8

Manual Integrations
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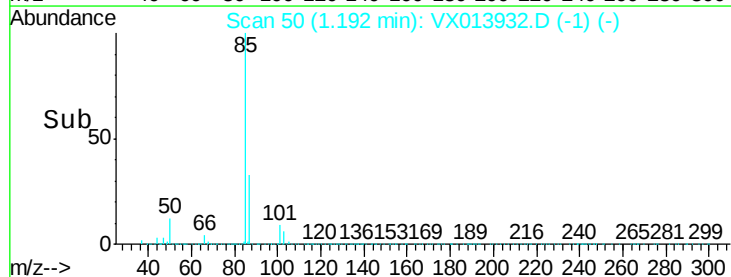
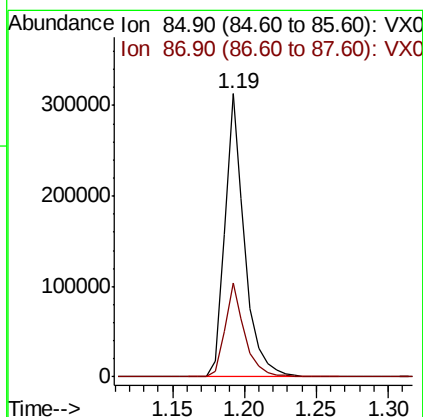
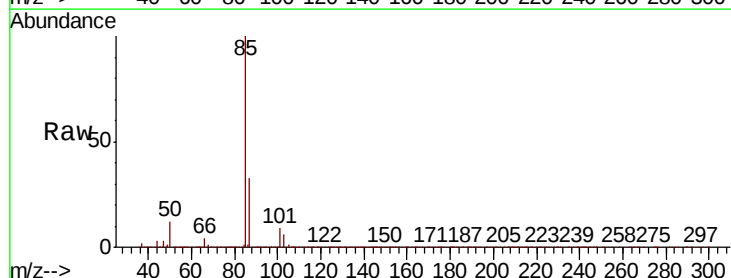
apatel
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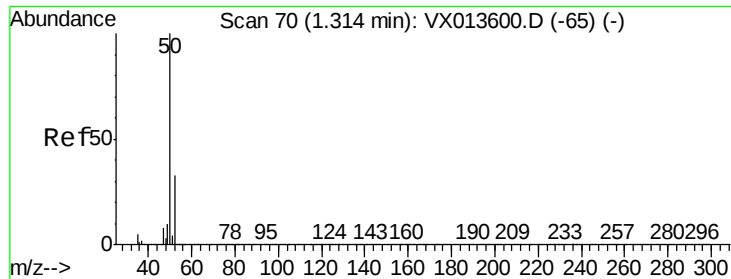


#2

Dichlorodifluoromethane
 Concen: 45.793 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013932.D
 Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.7	47.1





#3

Chloromethane

Concen: 44.672 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 329127

Ion Ratio Lower Upper

50 100

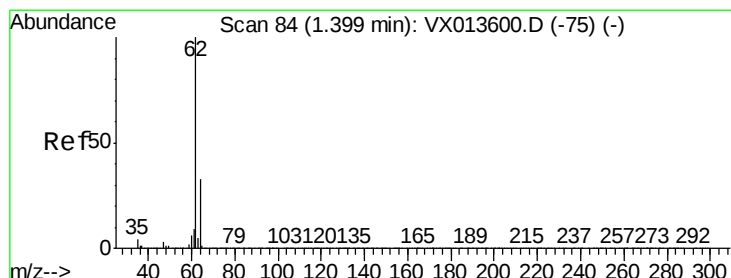
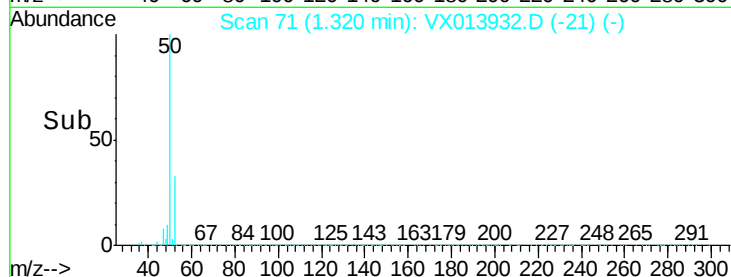
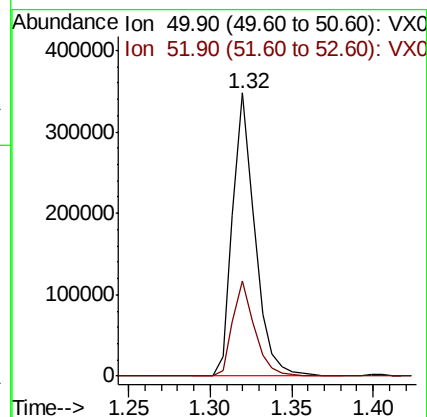
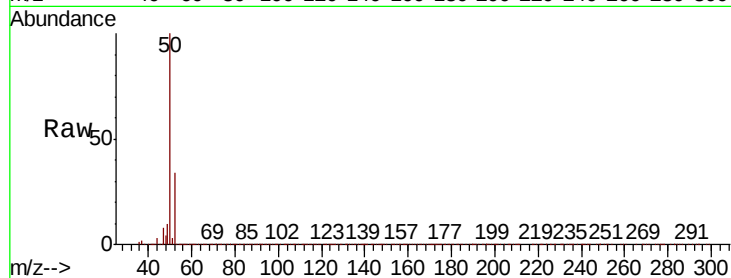
52 33.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.888 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013932.D

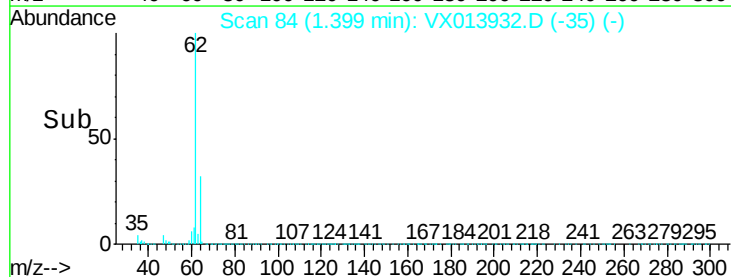
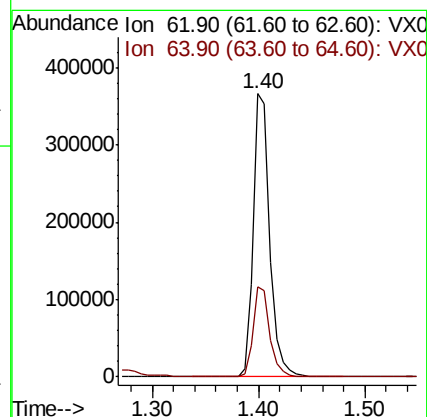
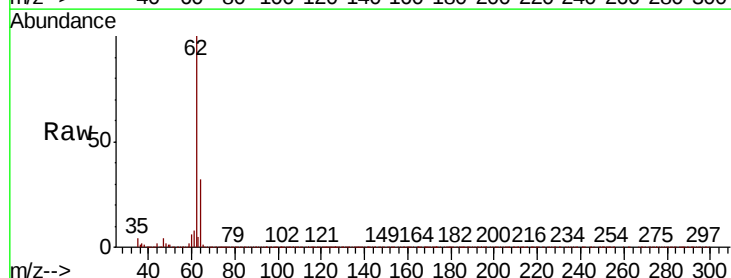
Acq: 11 Dec 2019 09:58

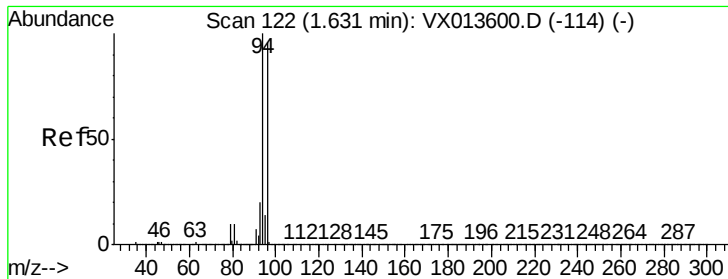
Tgt Ion: 62 Resp: 397111

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 45.145 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 251413

Ion Ratio Lower Upper

94 100

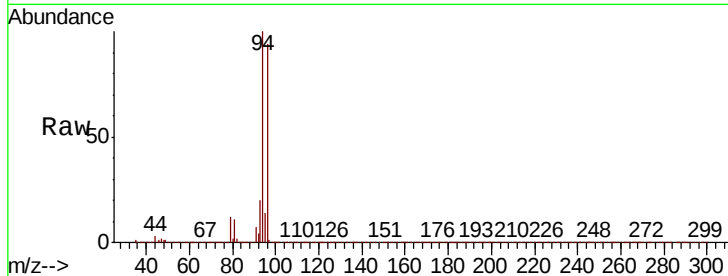
96 93.8 77.0 115.4

Manual Integrations

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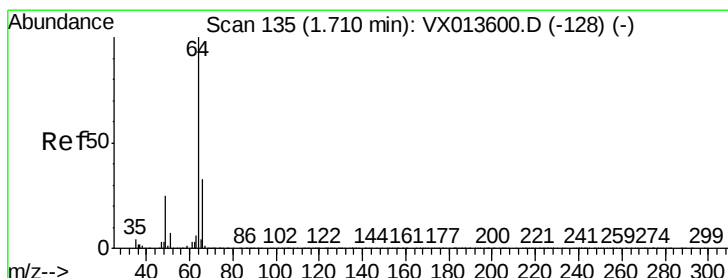
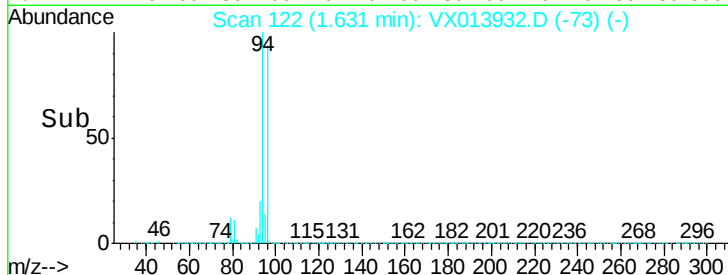
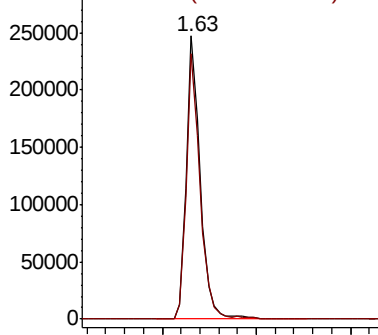
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.842 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013932.D

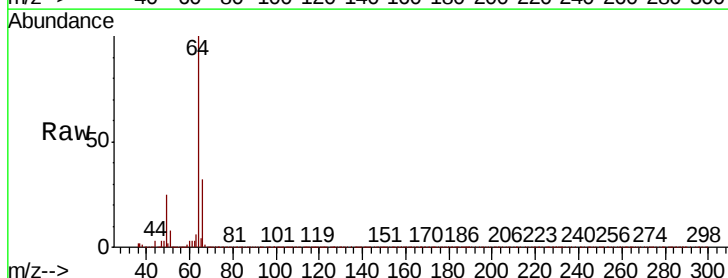
Acq: 11 Dec 2019 09:58

Tgt Ion: 64 Resp: 221039

Ion Ratio Lower Upper

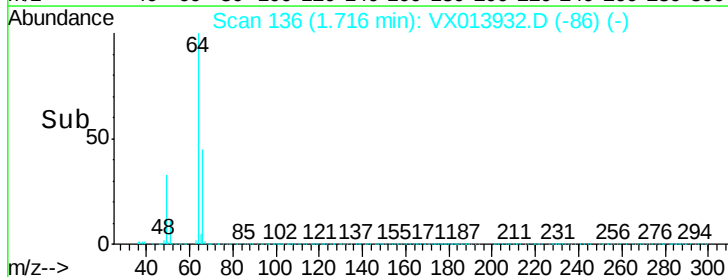
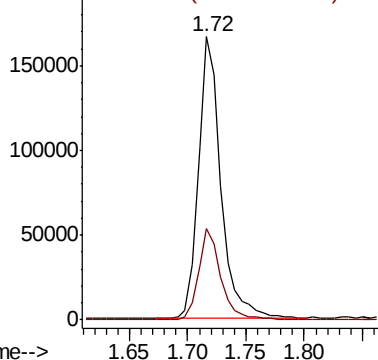
64 100

66 32.3 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

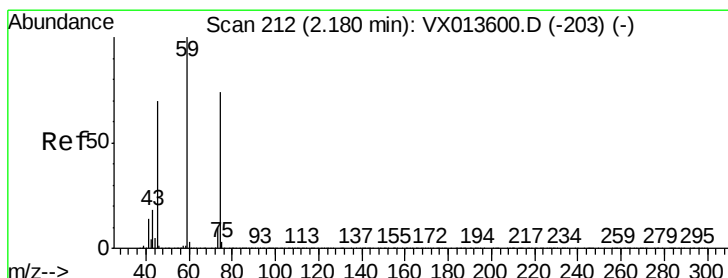
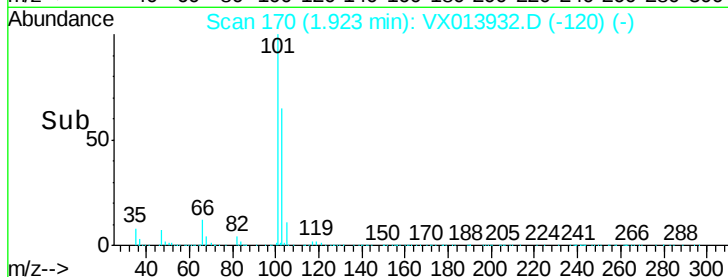
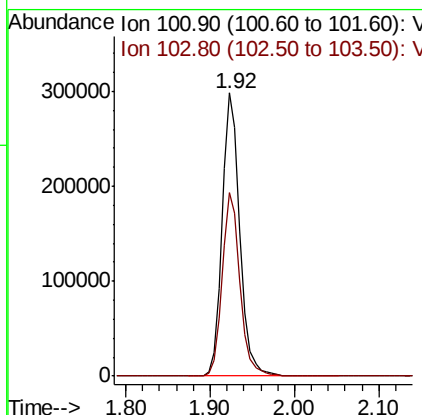
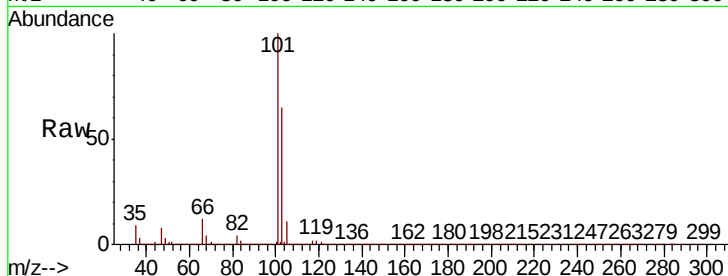
Trichlorofluoromethane
Concen: 46.859 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.6

Manual Integrations
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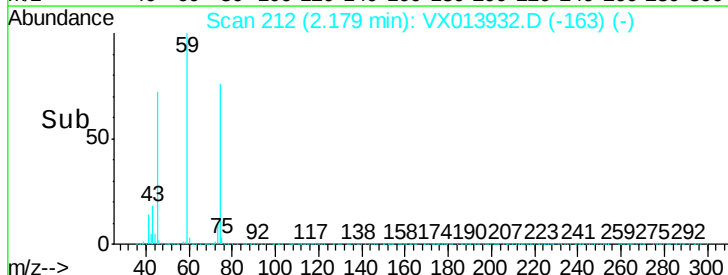
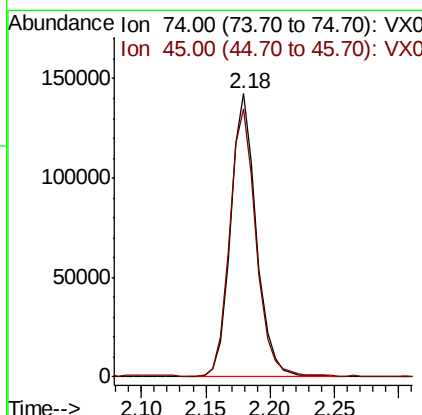
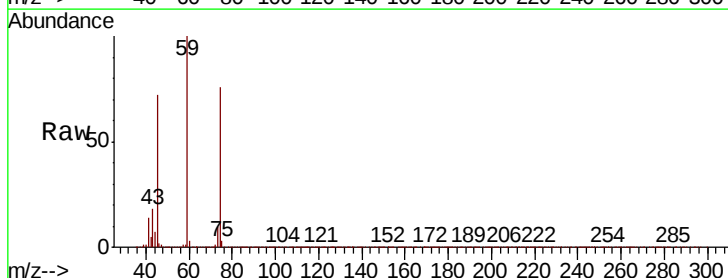
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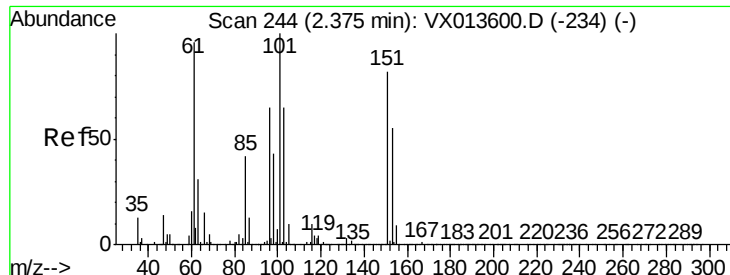


#8

Diethyl Ether
Concen: 47.421 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.688 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

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MSVOA_X

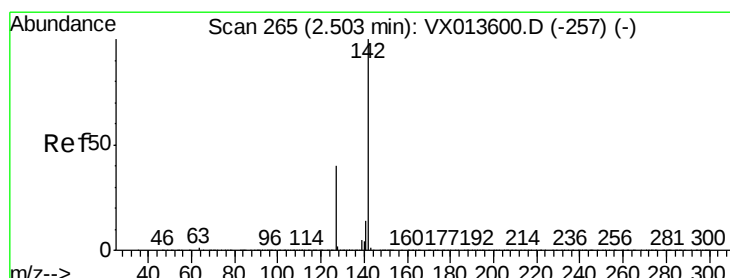
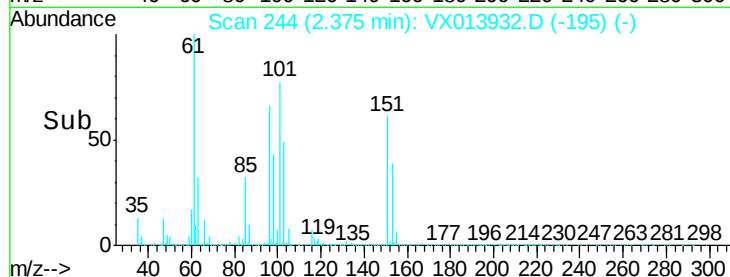
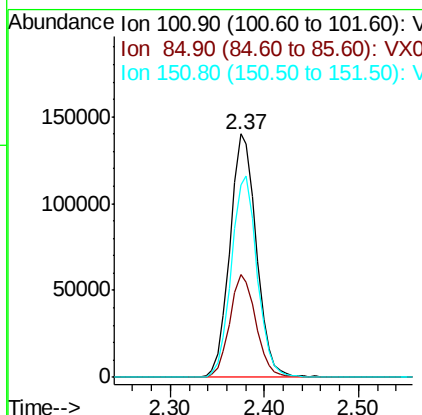
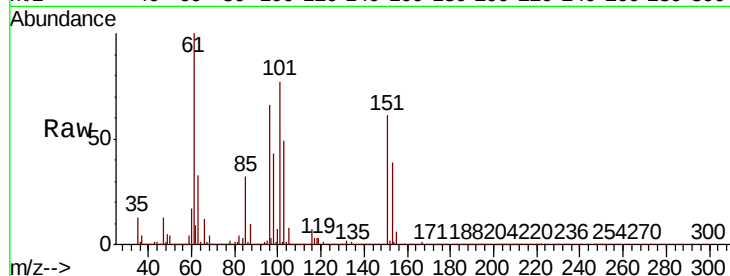
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	273837
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.9	50.9
151	80.9	64.2	96.2

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#10

Methyl Iodide

Concen: 43.582 ug/l

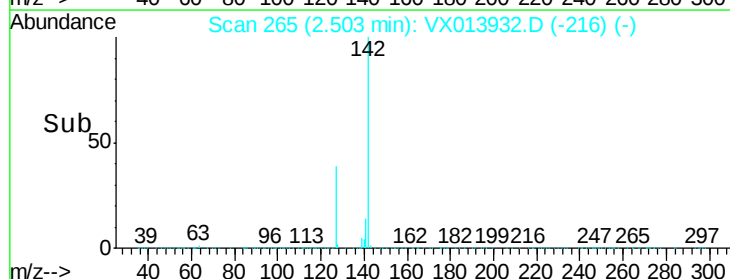
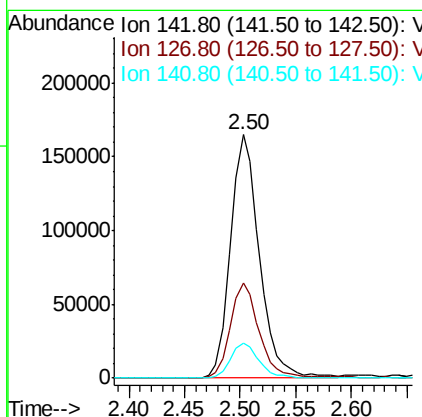
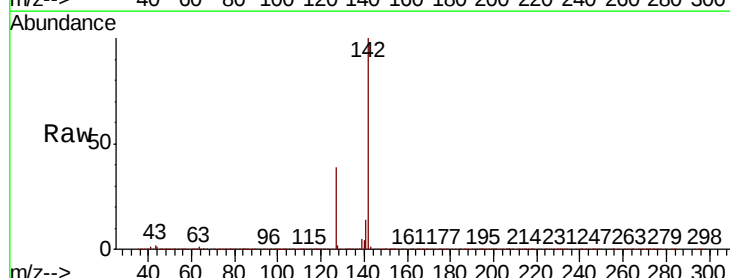
RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	142	Resp:	296512
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.0	46.4
141	13.8	11.6	17.4





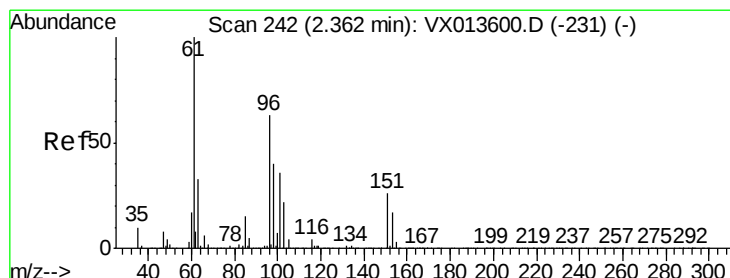
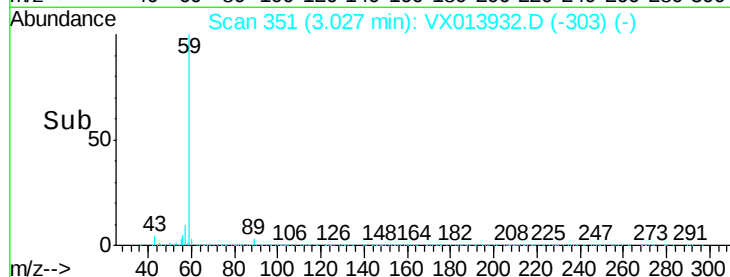
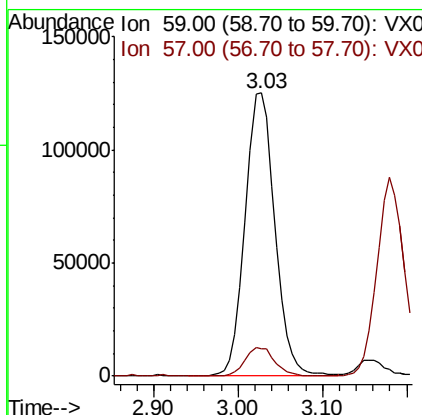
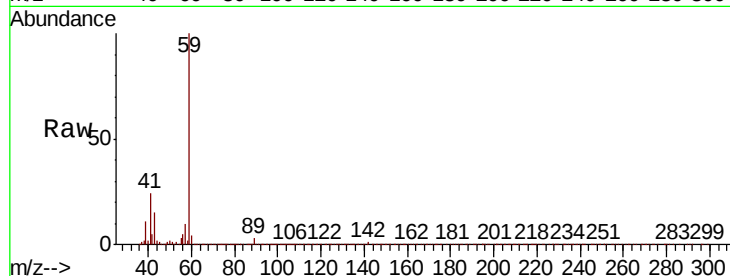
#11
Tert butyl alcohol
Concen: 177.297 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.6

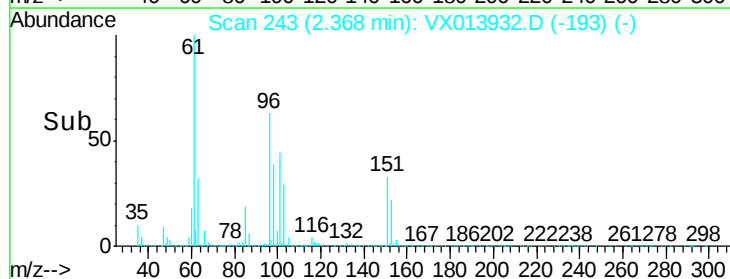
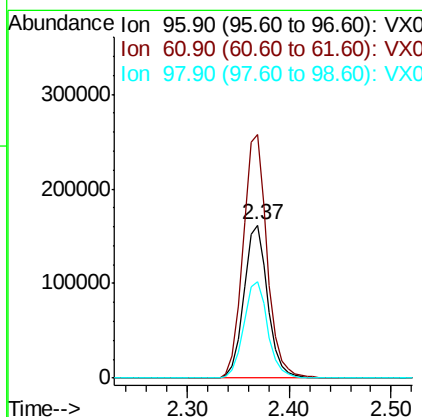
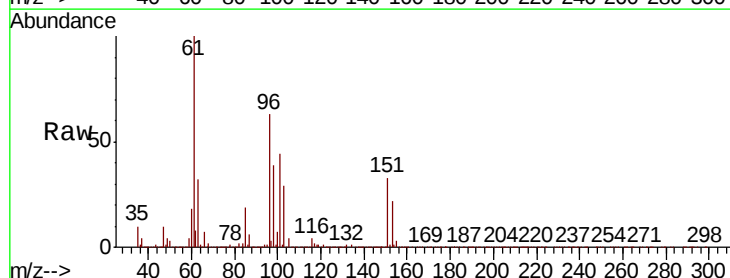
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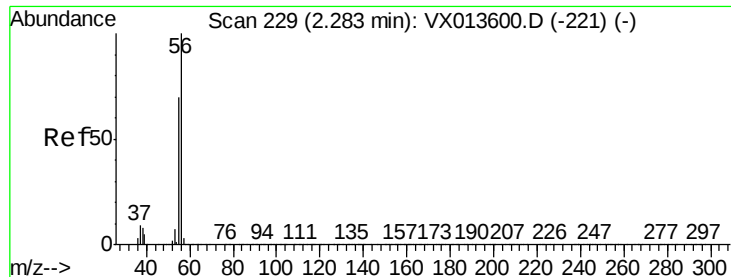
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#12
1,1-Dichloroethene
Concen: 46.379 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.3	126.6	190.0
98	62.8	50.6	76.0





#13

Acrolein

Concen: 248.385 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 280719

Ion Ratio Lower Upper

56 100

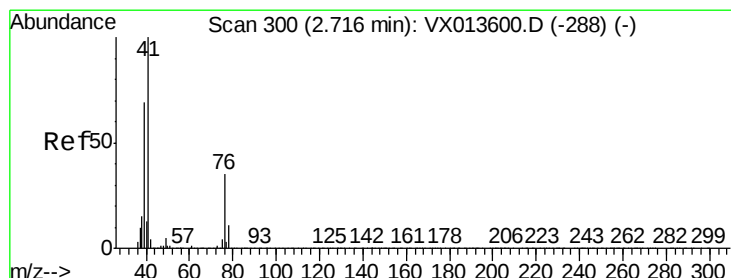
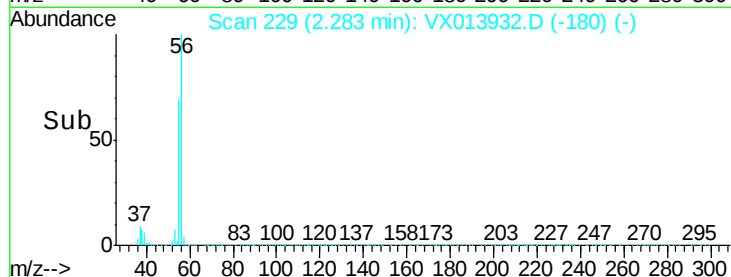
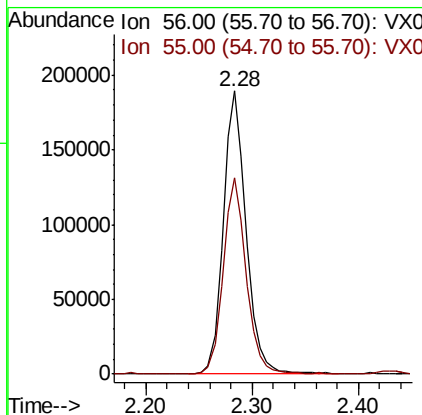
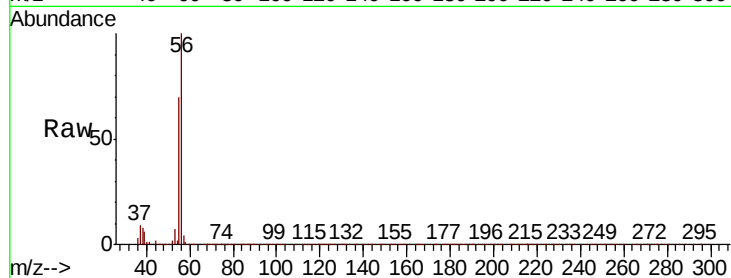
55 70.7 56.2 84.4

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#14

Allyl chloride

Concen: 46.687 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

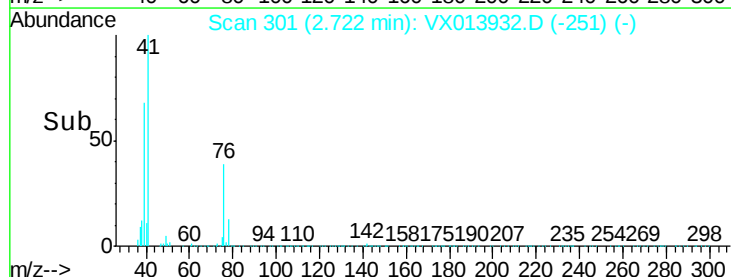
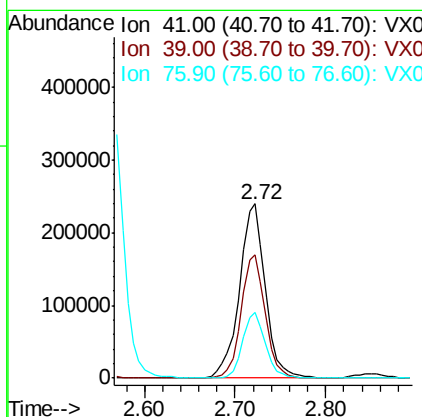
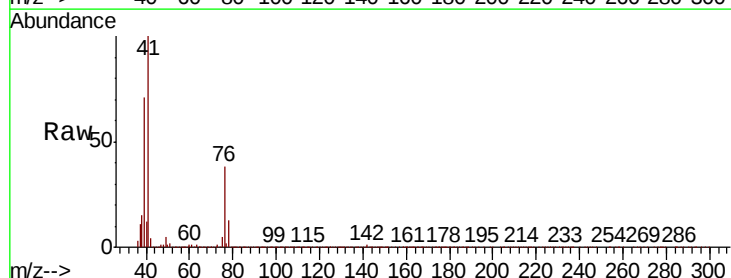
Tgt Ion: 41 Resp: 475646

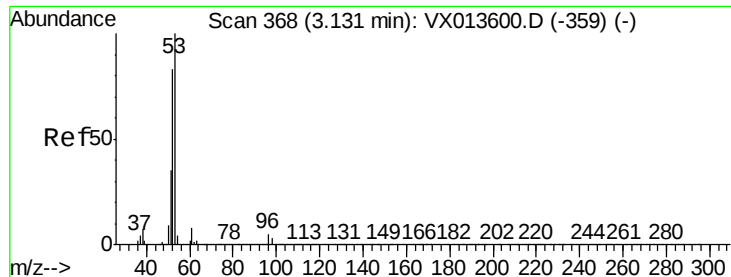
Ion Ratio Lower Upper

41 100

39 65.4 51.7 77.5

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 221.687 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

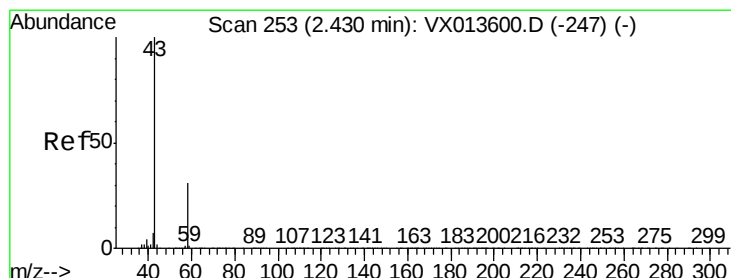
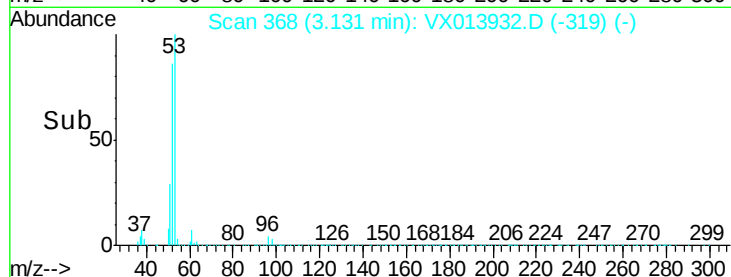
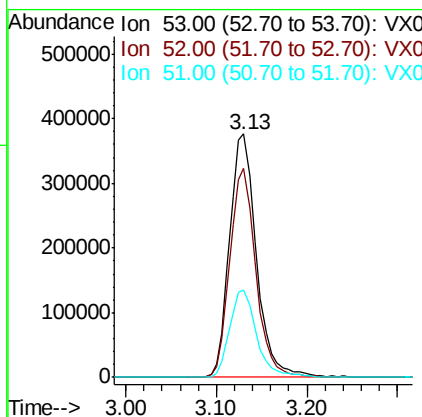
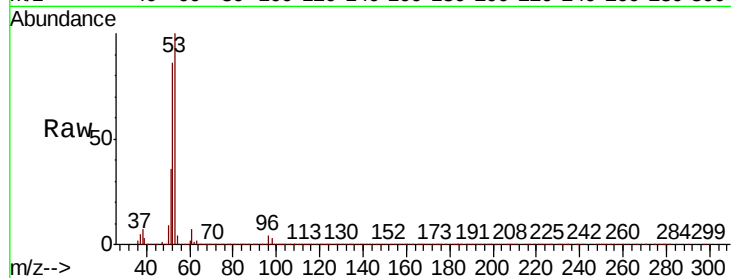
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	773437
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.2	99.2
51	36.1	29.0	43.6

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#16

Acetone

Concen: 291.540 ug/l

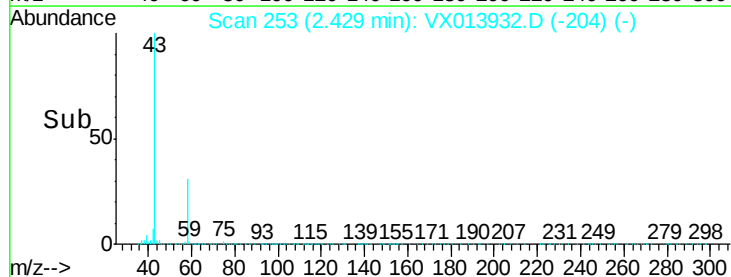
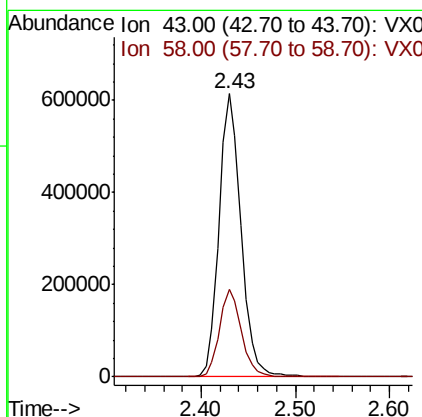
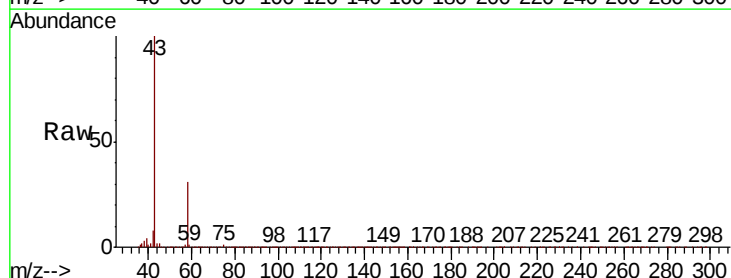
RT: 2.43 min Scan# 253

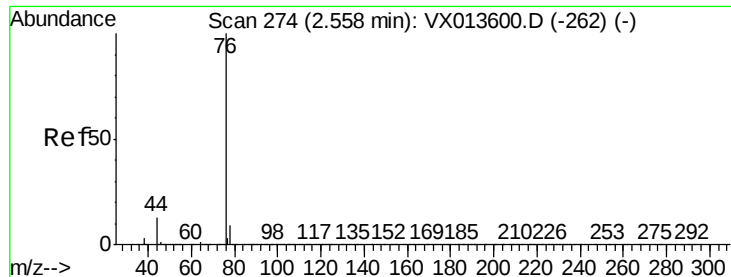
Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	43	Resp:	985619
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.6	36.8





#17

Carbon Disulfide

Concen: 40.900 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 654556

Ion Ratio Lower Upper

76 100

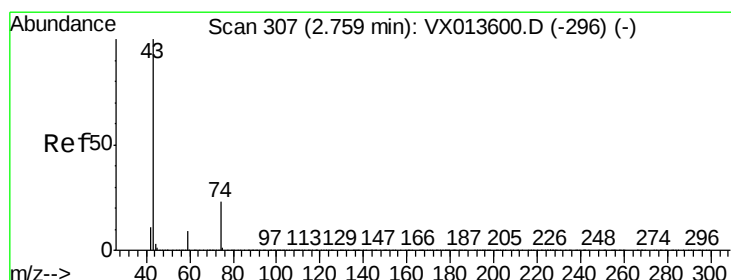
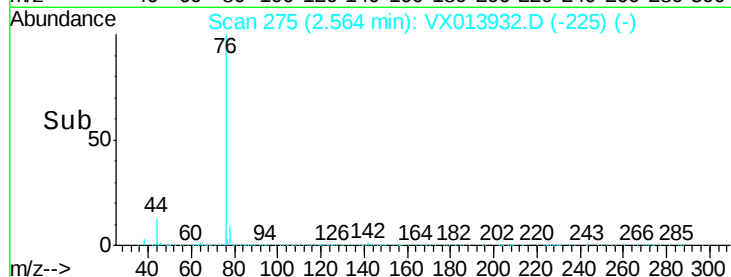
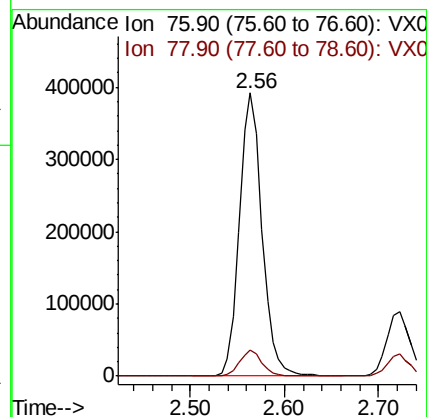
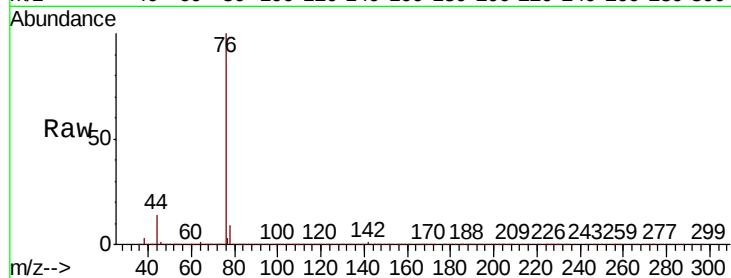
78 9.3 7.2 10.8

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#18

Methyl Acetate

Concen: 47.176 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013932.D

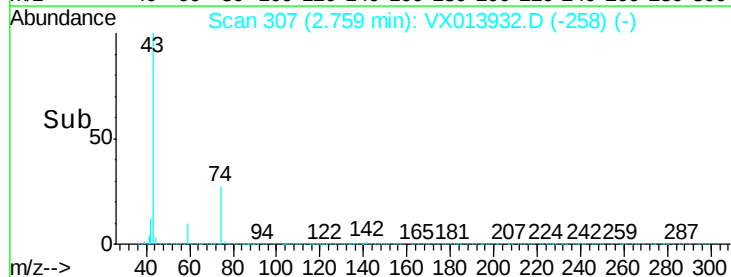
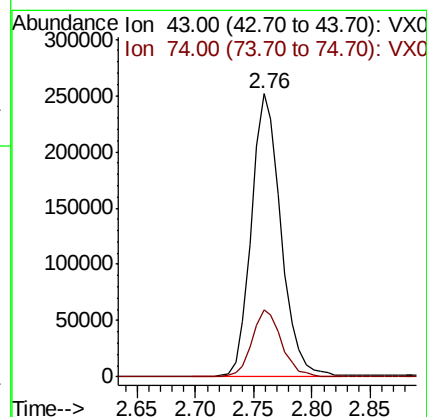
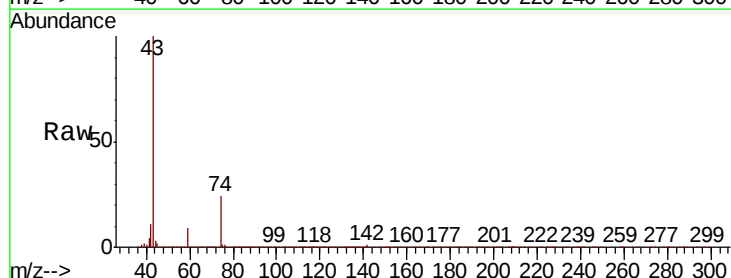
Acq: 11 Dec 2019 09:58

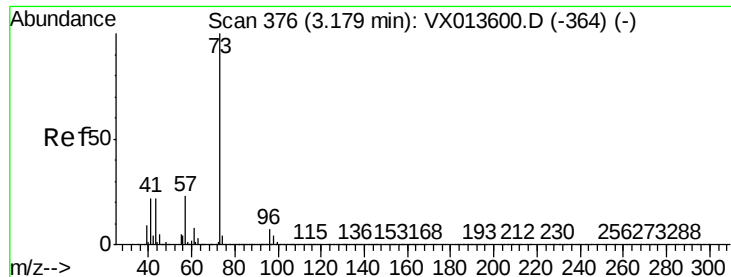
Tgt Ion: 43 Resp: 444114

Ion Ratio Lower Upper

43 100

74 24.0 19.5 29.3





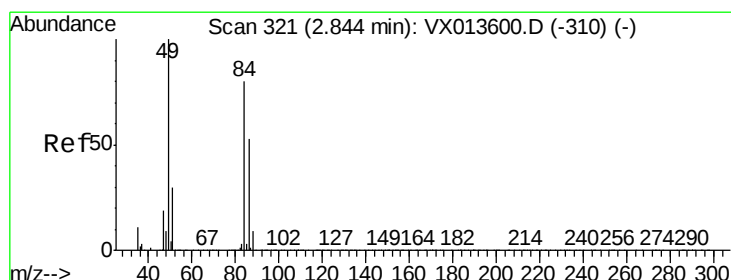
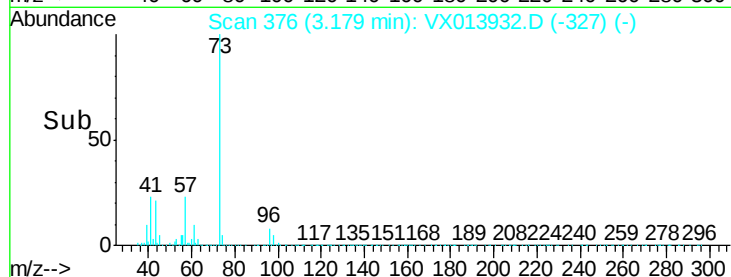
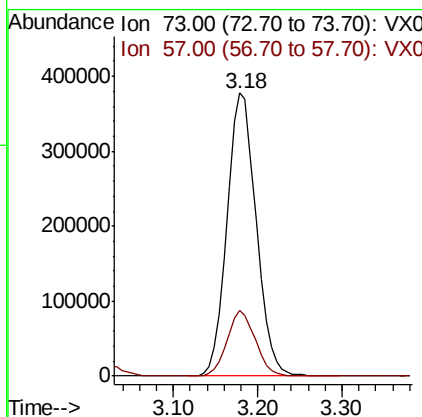
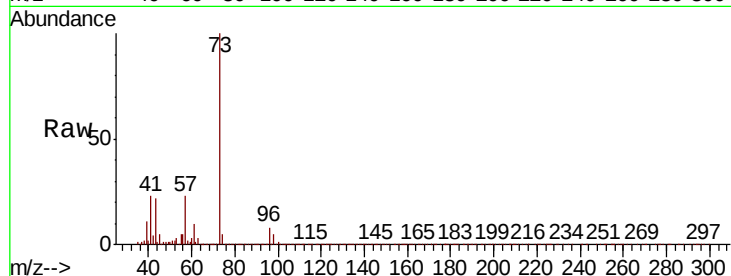
#19
Methvl tert-butvl Ether
Concen: 47.749 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.3	27.5

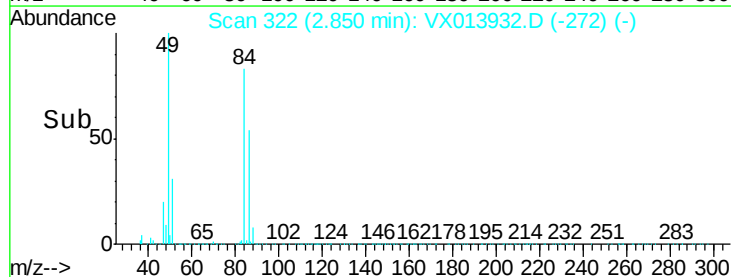
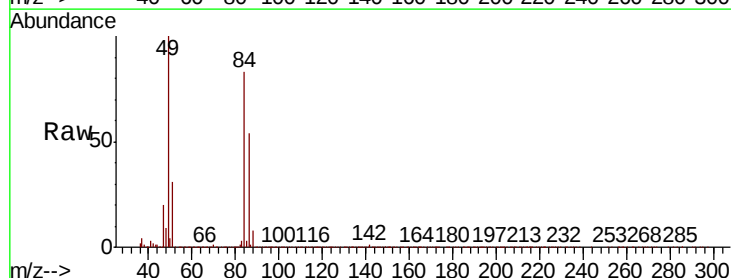
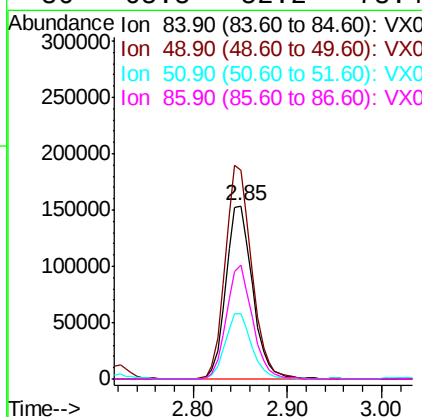
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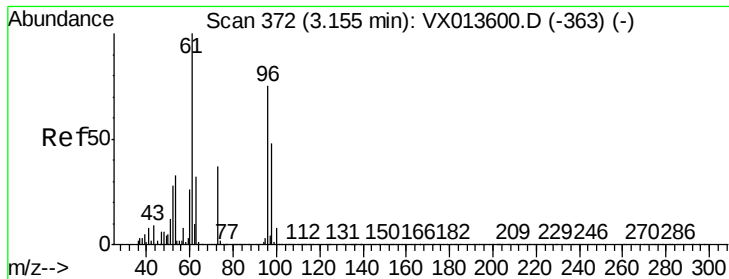
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#20
Methylene Chloride
Concen: 46.395 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	99.7	149.5
51	37.5	29.9	44.9
86	65.5	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 45.962 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

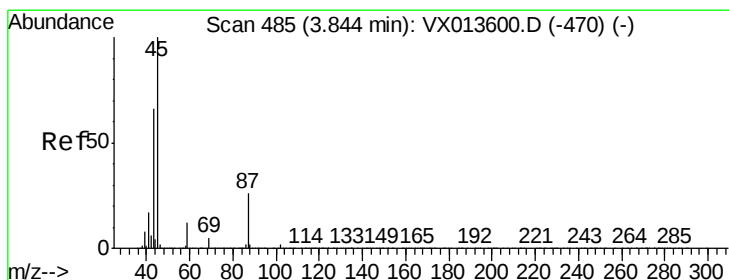
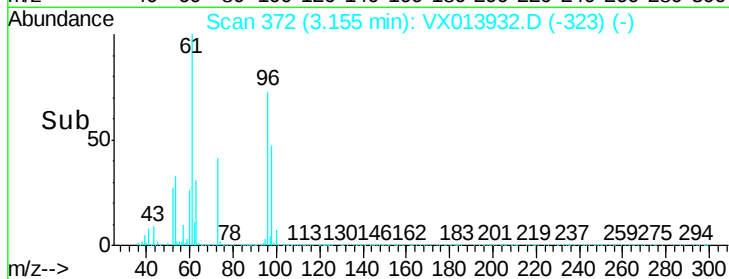
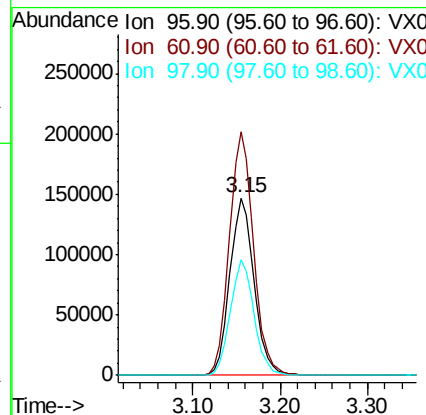
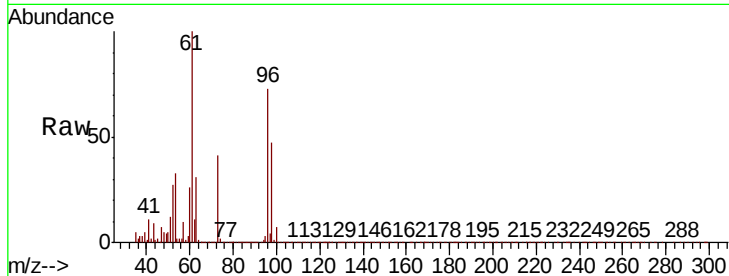
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	281100
Ion	Ratio	Lower	Upper
96	100		
61	137.0	107.2	160.8
98	64.6	51.4	77.0

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#22

Diisopropyl ether

Concen: 49.068 ug/l

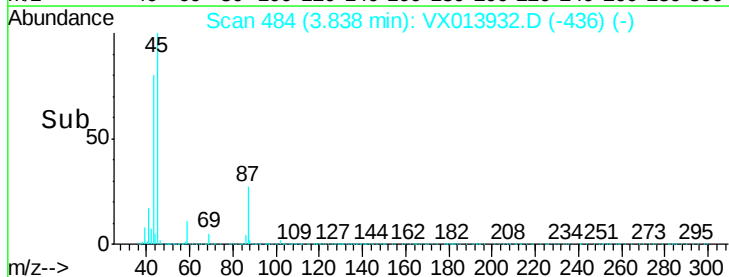
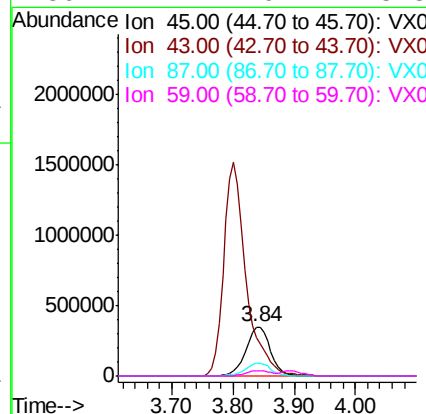
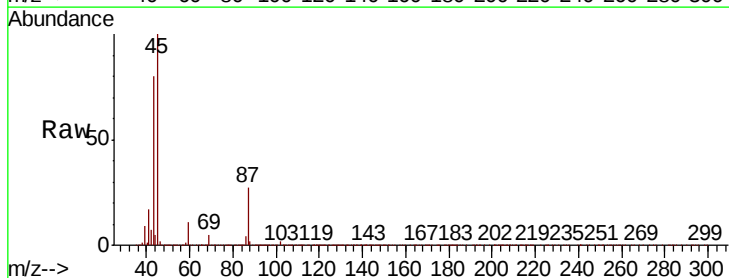
RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	45	Resp:	962595
Ion	Ratio	Lower	Upper
45	100		
43	79.9	52.6	79.0#
87	26.6	21.1	31.7
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 237.300 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3872666

Ion Ratio Lower Upper

43 100

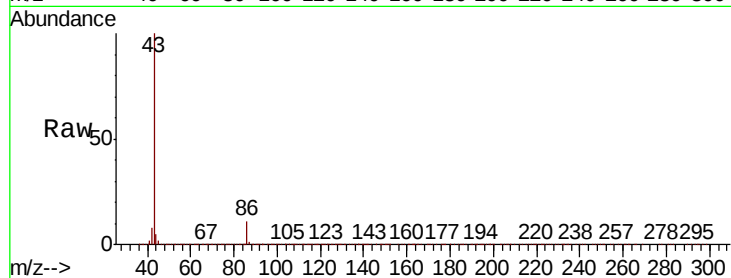
86 10.8 8.7 13.1

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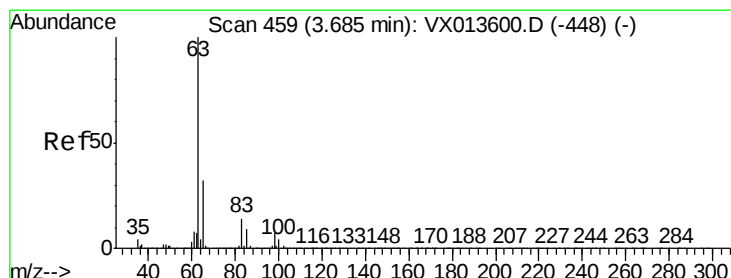
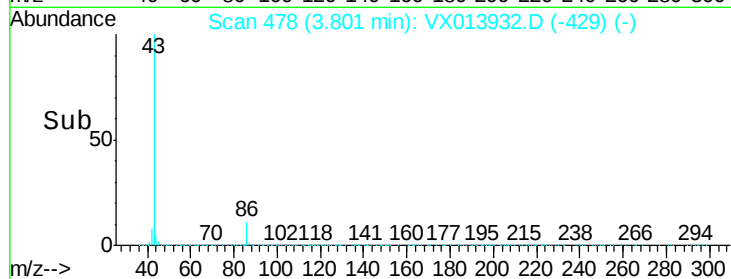
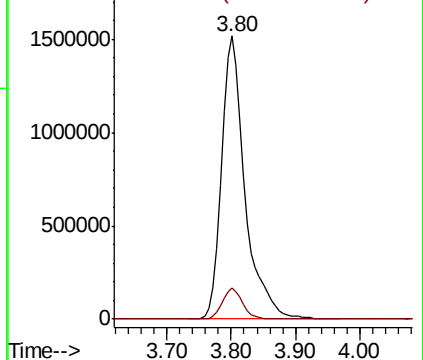
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.600 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

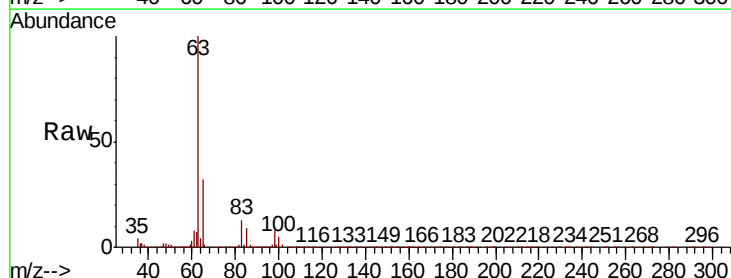
Tgt Ion: 63 Resp: 521196

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

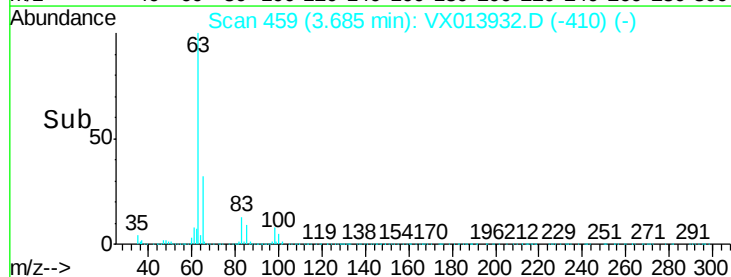
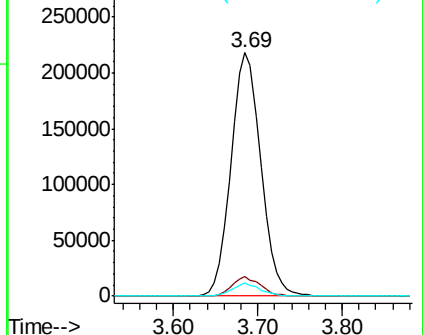
100 5.2 2.1 6.3

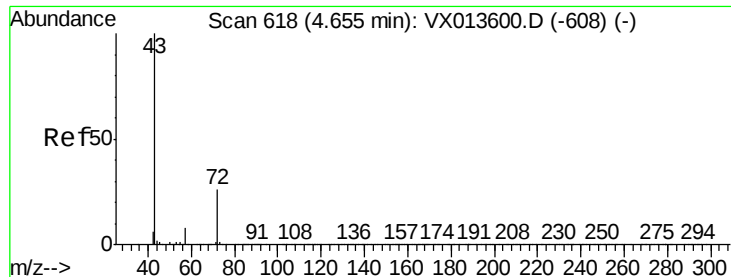


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 248.557 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1248851

Ion Ratio Lower Upper

43 100

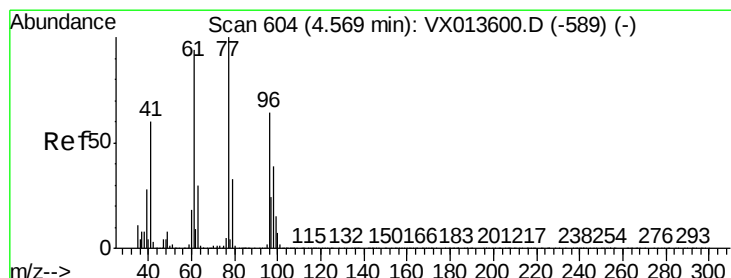
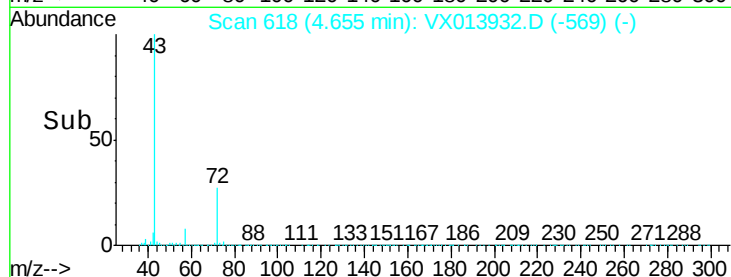
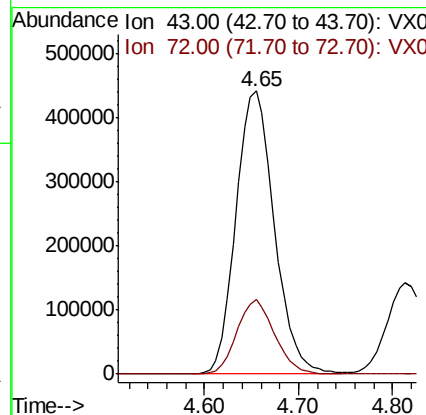
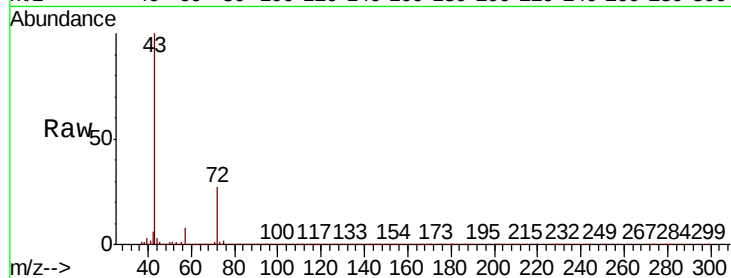
72 26.4 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 47.860 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013932.D

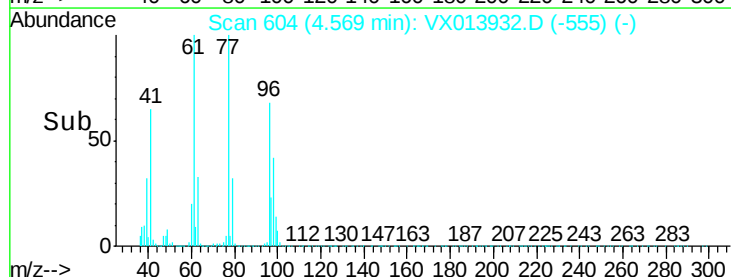
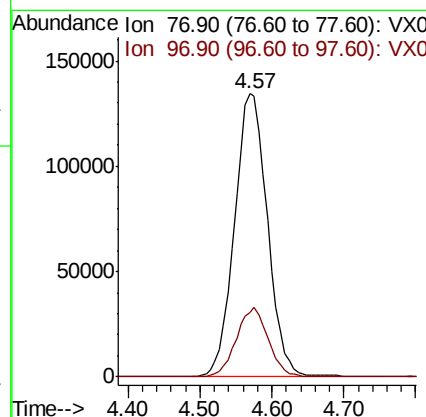
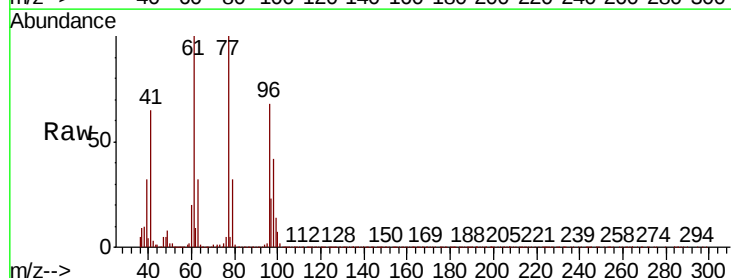
Acq: 11 Dec 2019 09:58

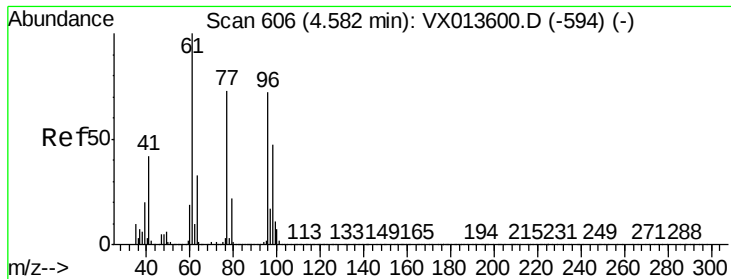
Tgt Ion: 77 Resp: 424658

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

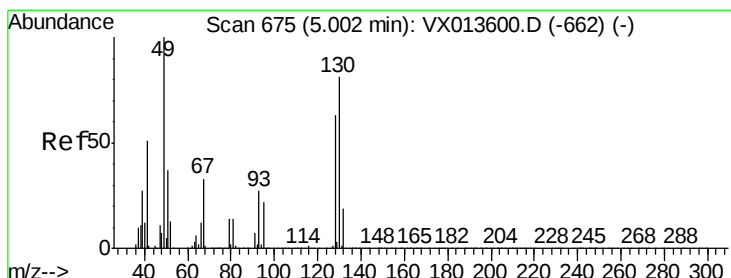
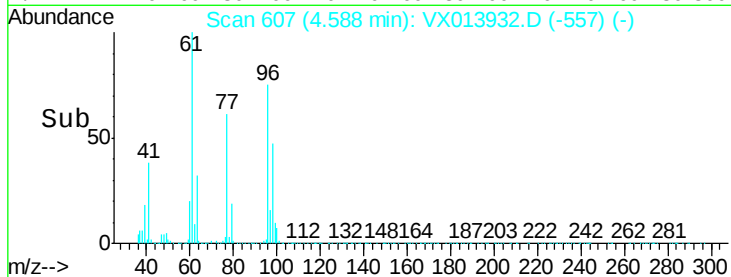
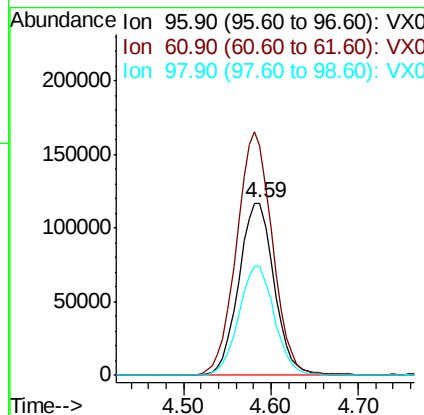
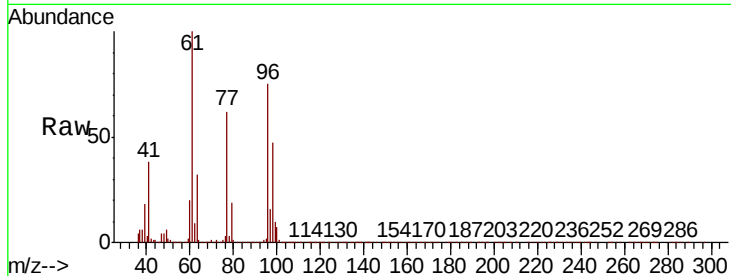
cis-1,2-Dichloroethene
Concen: 46.712 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	286.4
98	64.5	0.0	127.4

Manual Integrations
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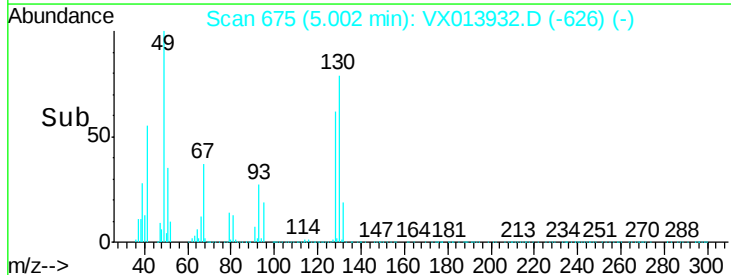
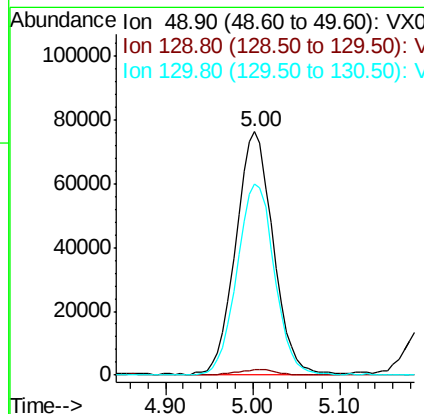
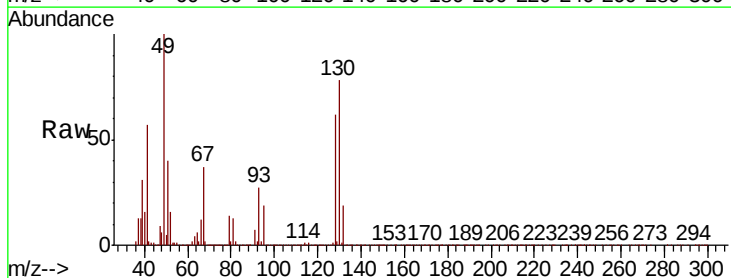
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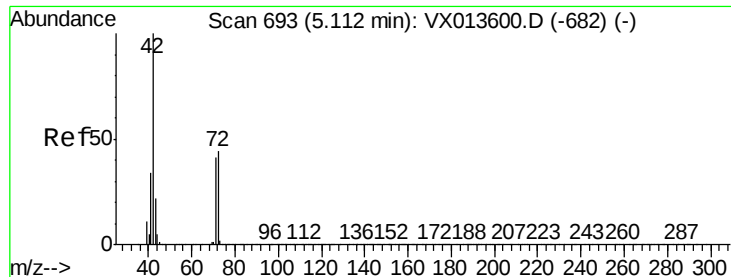


#28

Bromochloromethane
Concen: 53.202 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	78.7	65.4	98.0





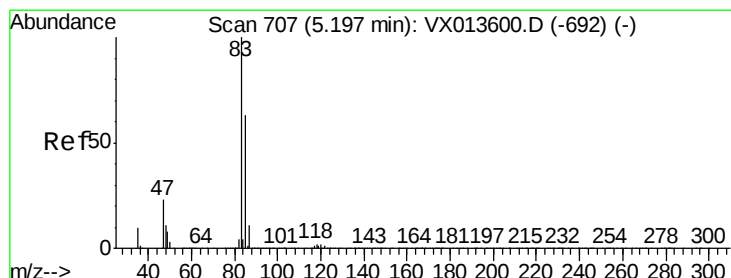
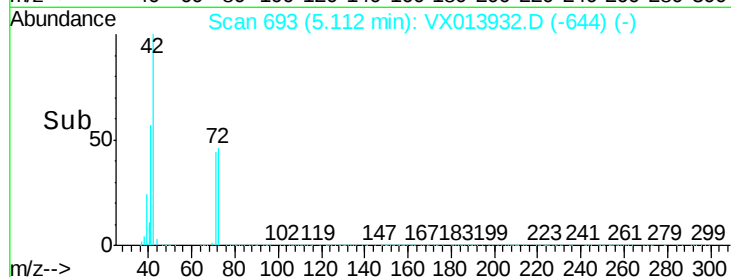
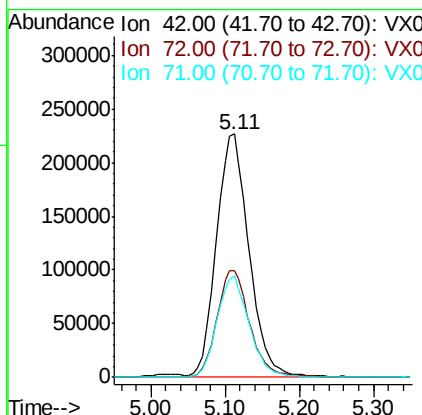
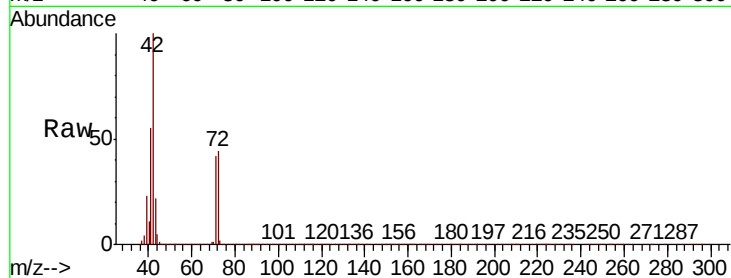
#29
Tetrahydrofuran
Concen: 220.568 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	683184
Ion Ratio		Lower	Upper
42	100		
72	44.3	36.3	54.5
71	41.6	33.2	49.8

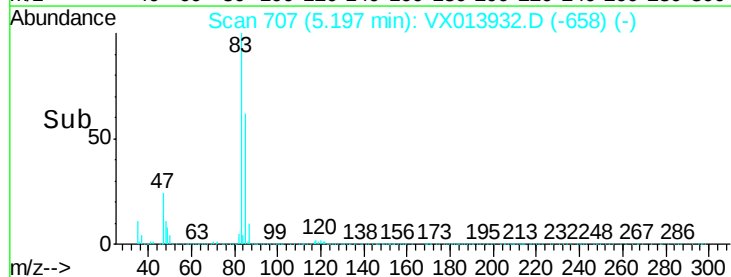
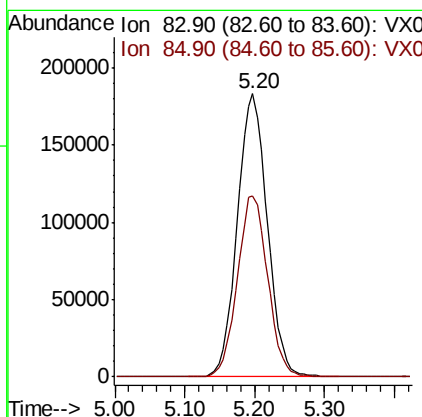
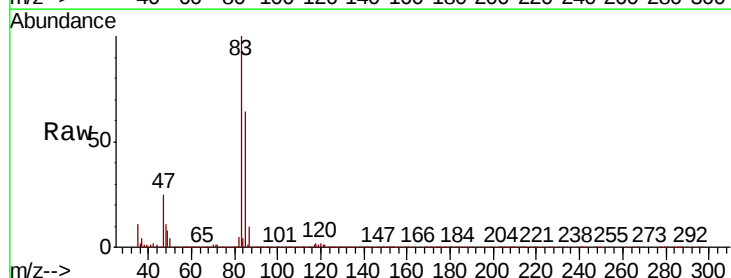
Manual Integrations
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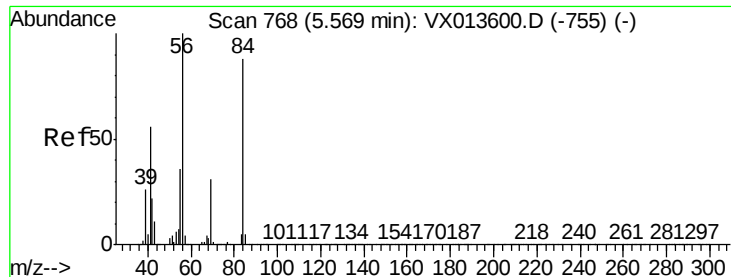
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#30
Chloroform
Concen: 49.967 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion:	83	Resp:	543447
Ion Ratio		Lower	Upper
83	100		
85	63.8	50.2	75.4





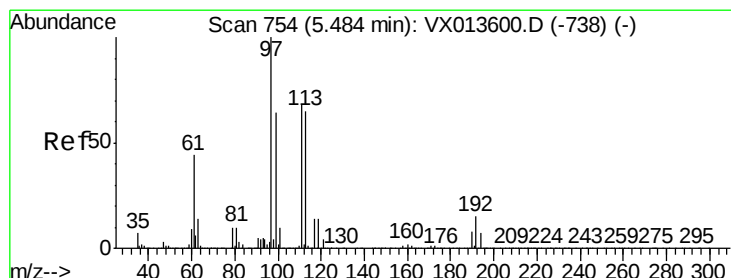
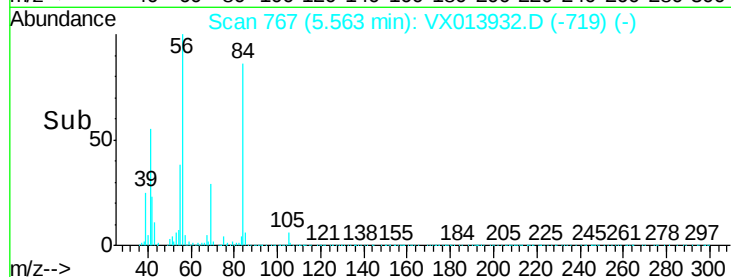
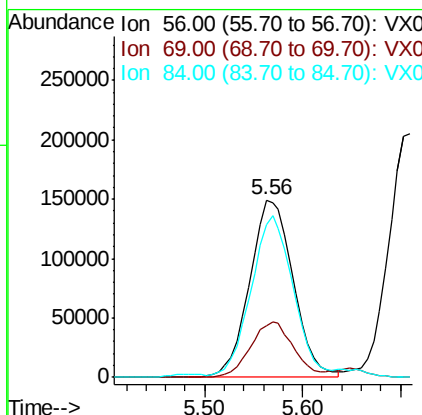
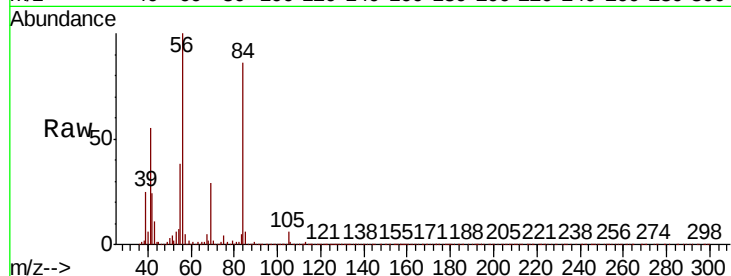
#31
Cyclohexane
Concen: 45.434 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.6	36.8
84	84.1	70.0	105.0

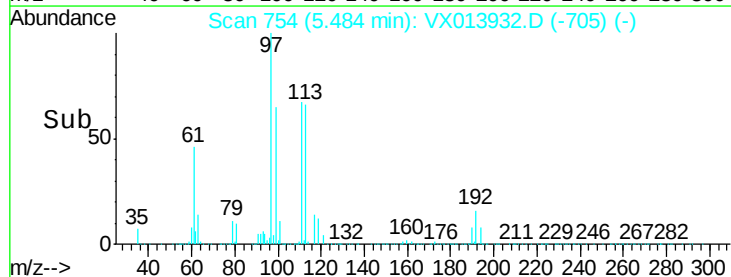
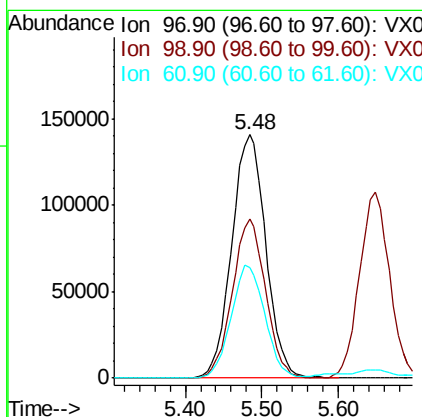
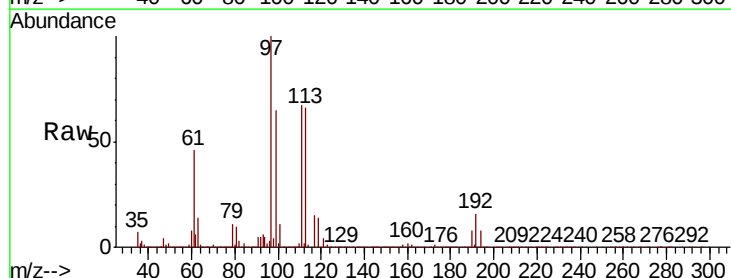
Manual Integrations
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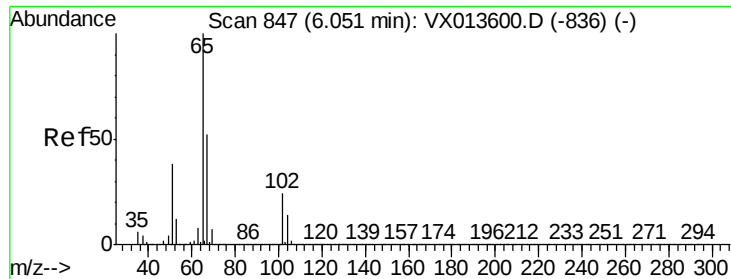
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#32
1,1,1-Trichloroethane
Concen: 47.652 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.6	77.4
61	45.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 45.390 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 310812

Ion Ratio Lower Upper

65 100

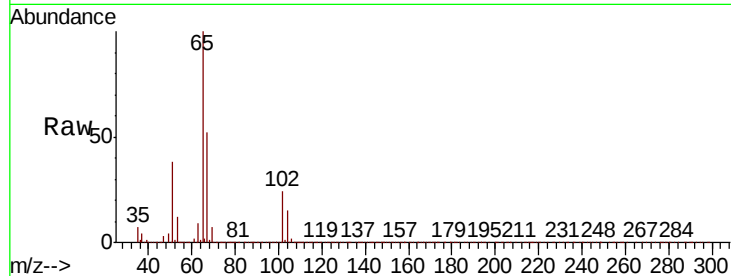
67 52.8 0.0 104.4

Manual Integrations

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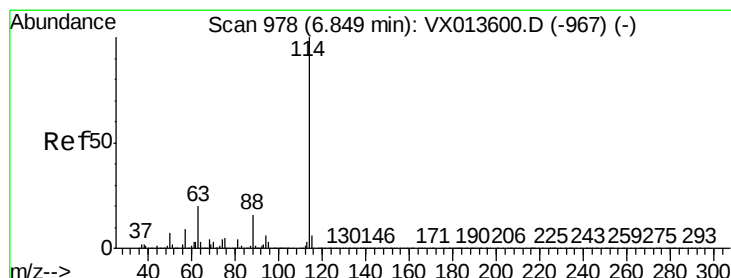
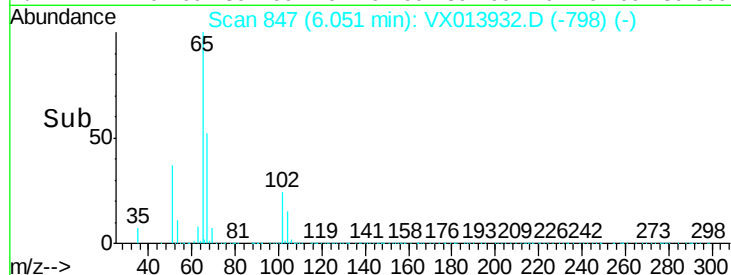
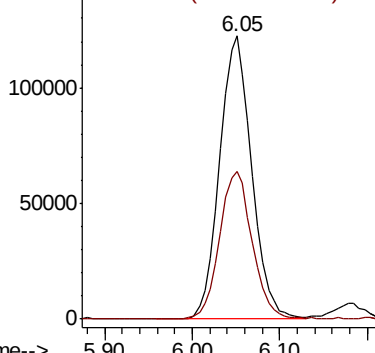
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX013932.D

Acq: 11 Dec 2019 09:58

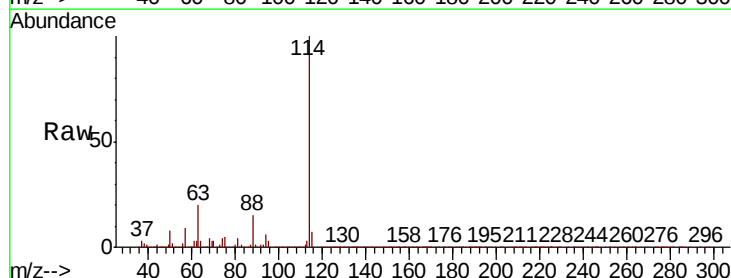
Tgt Ion: 114 Resp: 879923

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

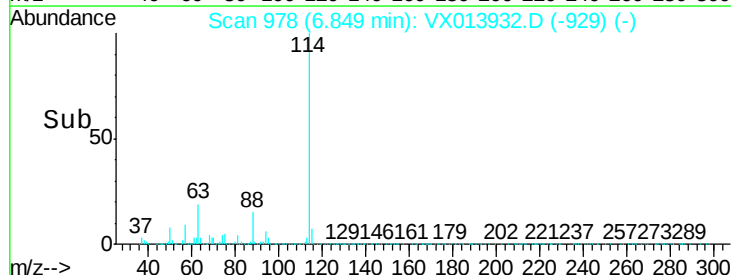
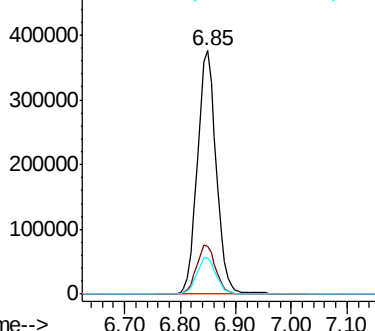
88 15.1 0.0 31.4

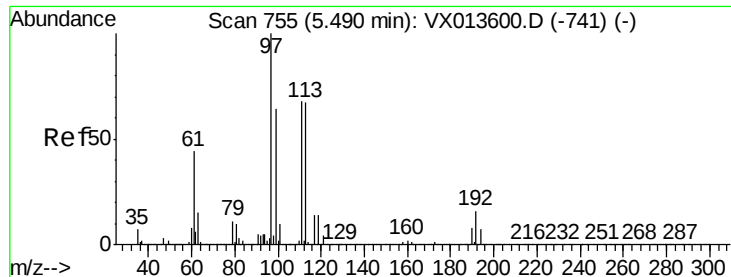


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.154 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

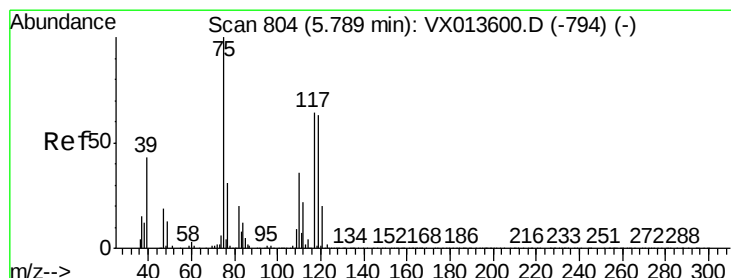
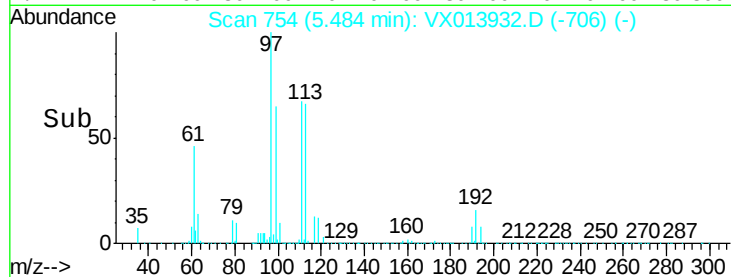
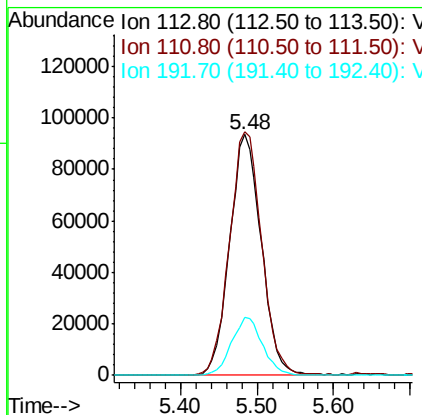
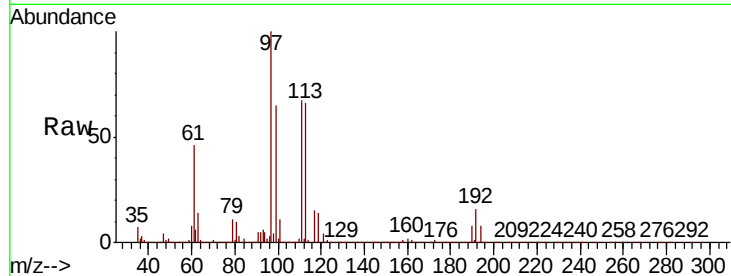
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	267388
Ion Ratio	Lower	Upper	
113	100		
111	102.4	83.6	125.4
192	23.5	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.812 ug/l

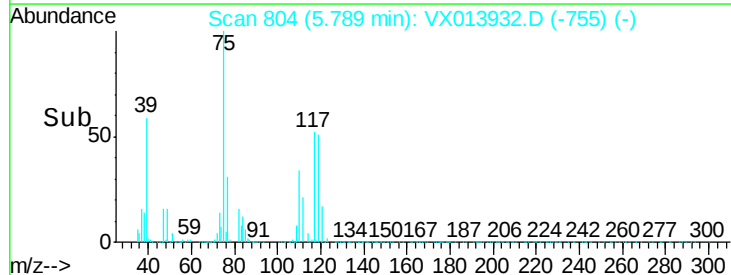
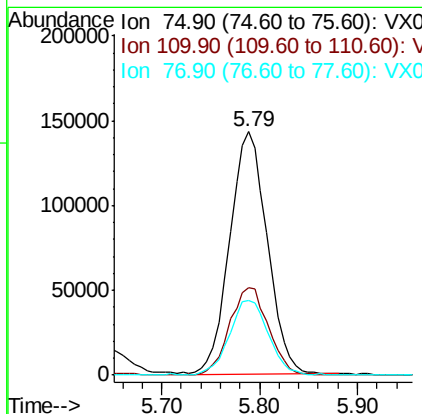
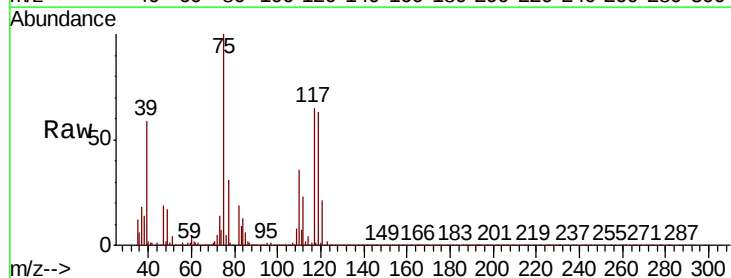
RT: 5.79 min Scan# 804

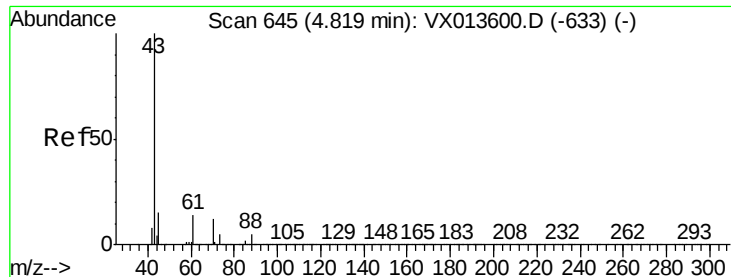
Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	75	Resp:	381897
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.1
77	31.6	24.5	36.7





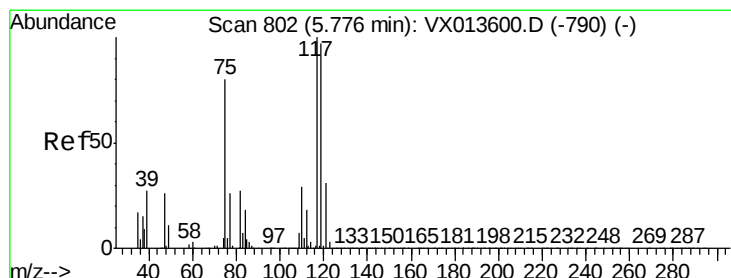
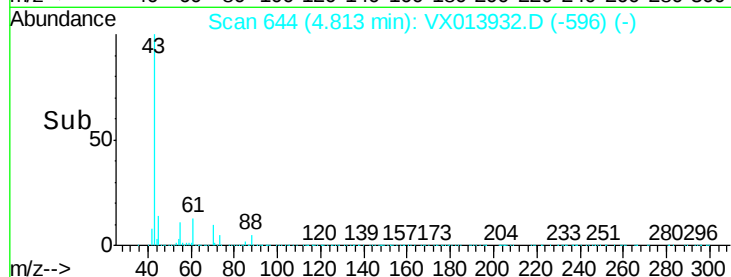
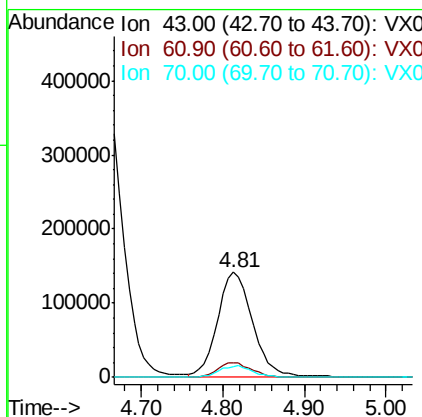
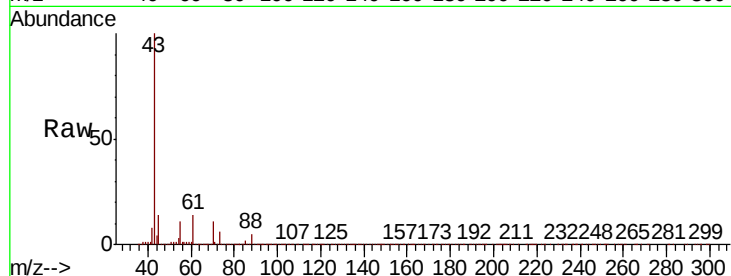
#37
Ethyl Acetate
Concen: 46.585 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	11.0	8.6	12.8

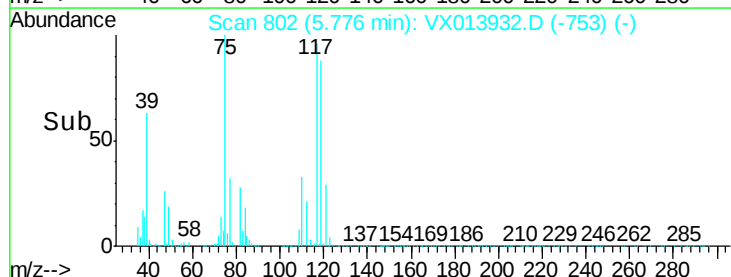
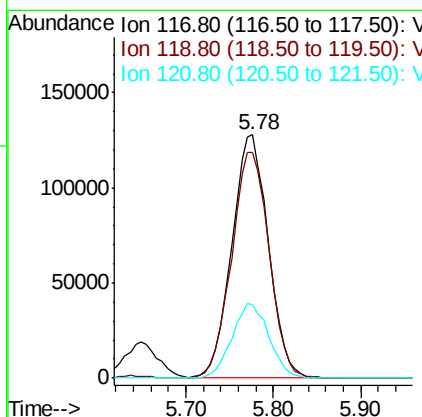
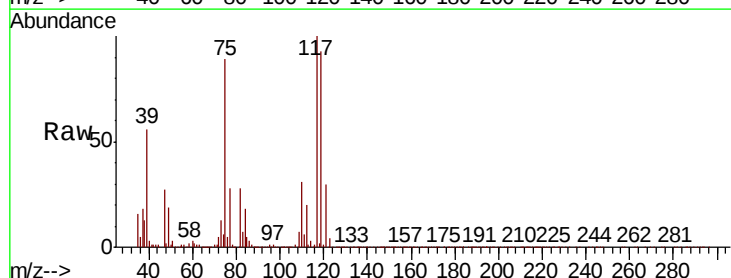
Manual Integrations
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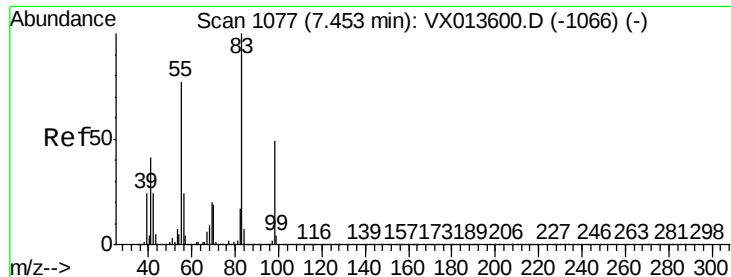
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#38
Carbon Tetrachloride
Concen: 50.216 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.5	116.3
121	30.3	25.0	37.6





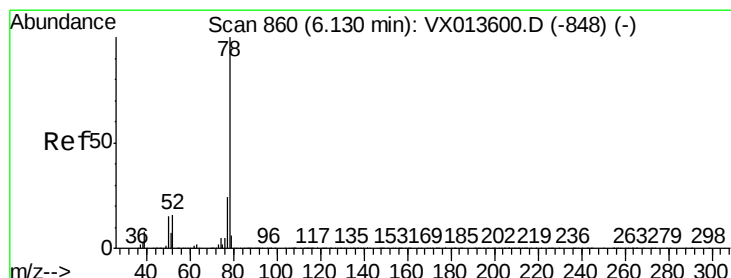
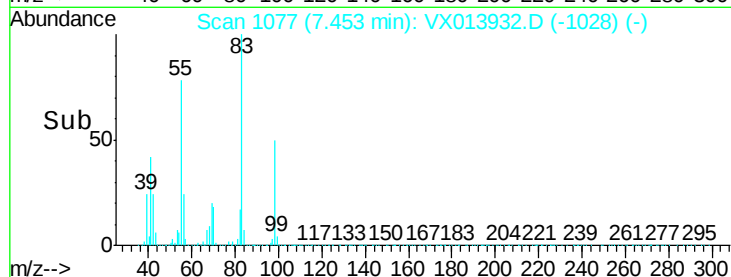
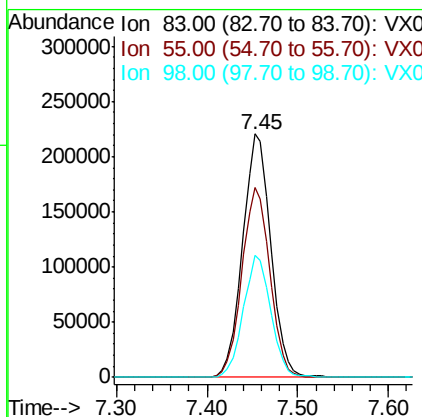
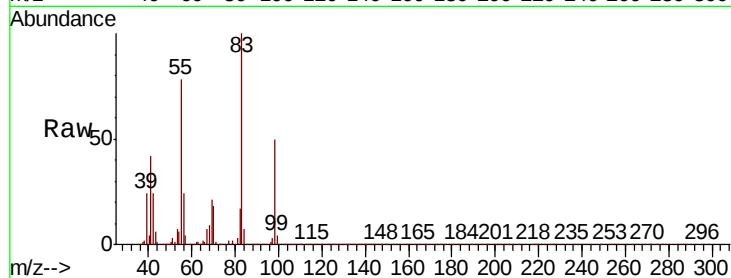
#39
Methvlcvclohexane
Concen: 48.182 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.9	92.9
98	50.0	39.4	59.0

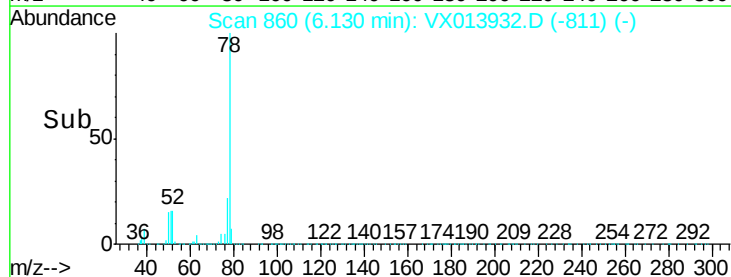
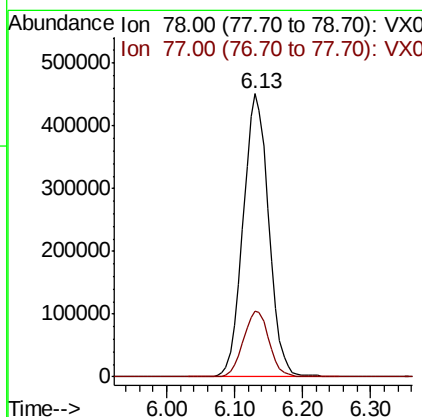
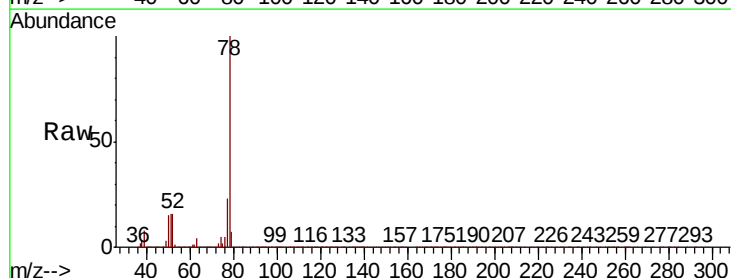
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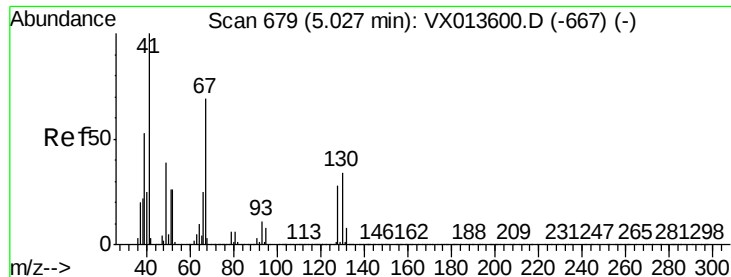
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#40
Benzene
Concen: 48.447 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





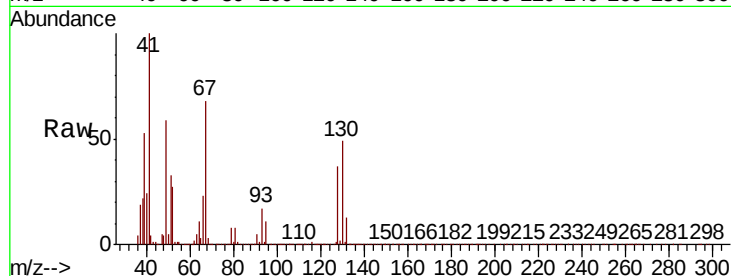
#41
Methacrylonitrile
Concen: 48.673 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

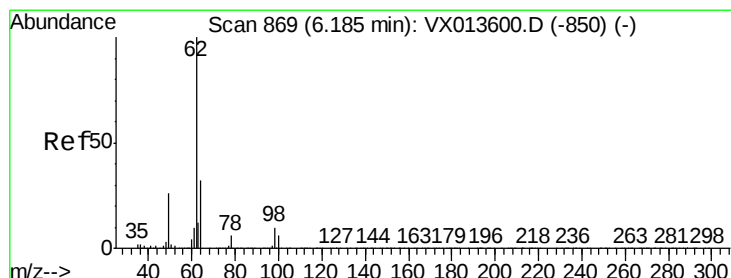
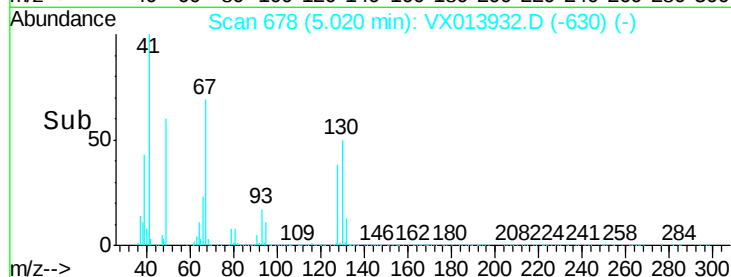
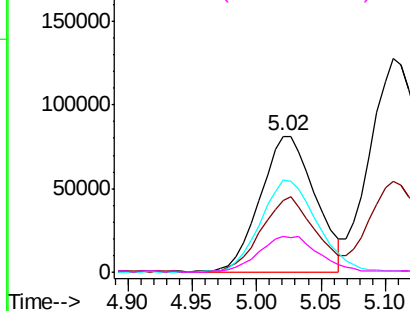
Tot Ion	Ion	Ratio	Lower	Upper
239192	41	100		
	39	53.6	42.9	64.3
	67	70.4	57.4	86.0
	52	28.1	22.4	33.6

Manual Integrations
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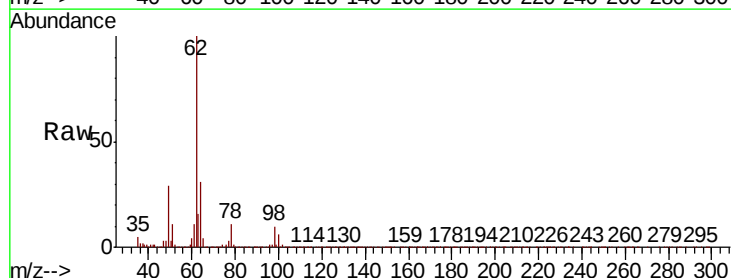


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

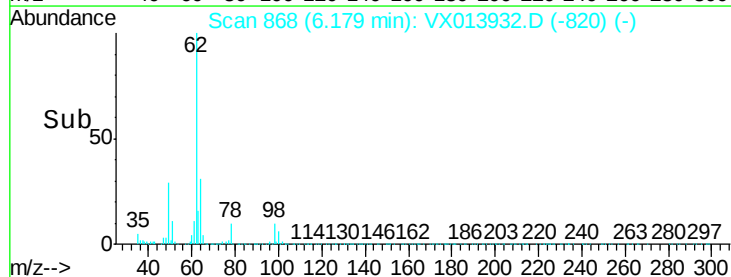
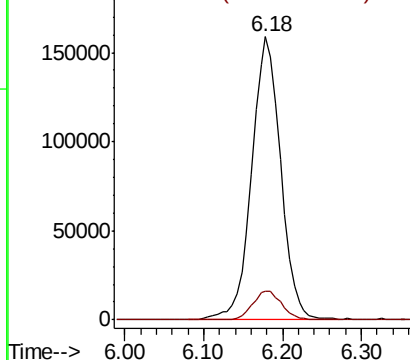


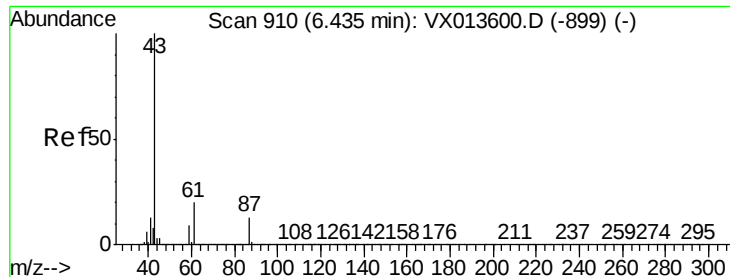
#42
1,2-Dichloroethane
Concen: 48.676 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ion	Ratio	Lower	Upper
403846	62	100		
	98	10.2	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.640 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

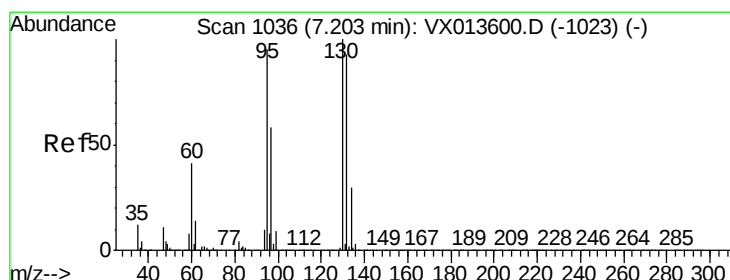
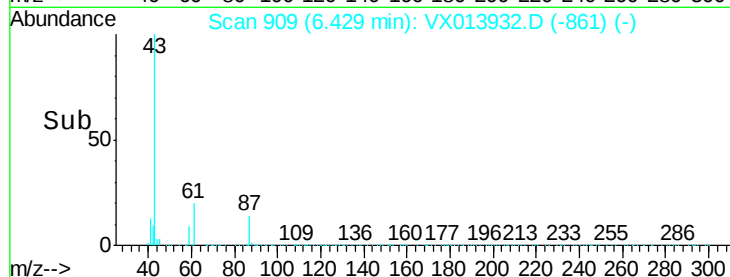
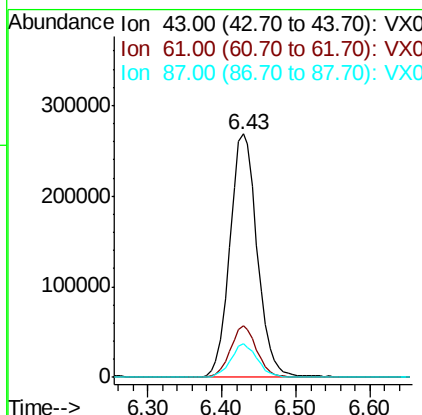
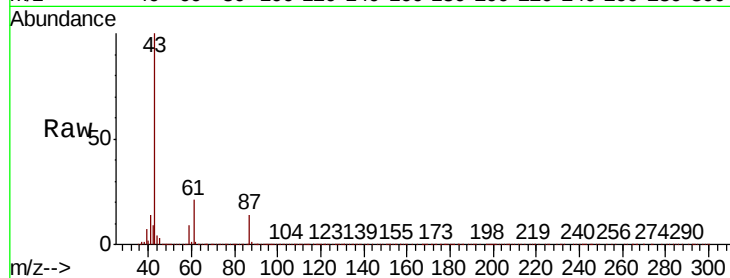
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	688039
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.2	10.8	16.2

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#44

Trichloroethene

Concen: 47.926 ug/l

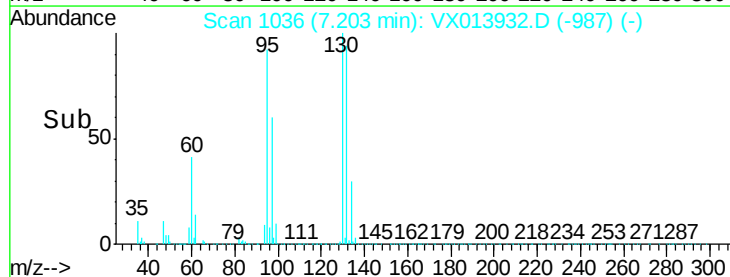
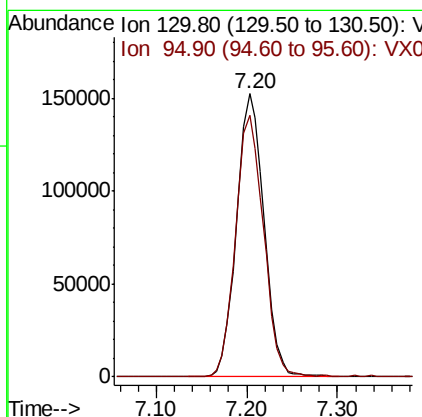
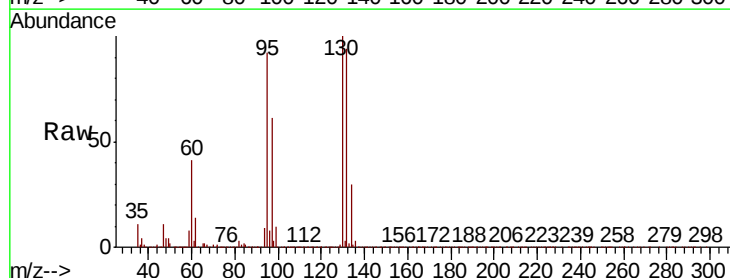
RT: 7.20 min Scan# 1036

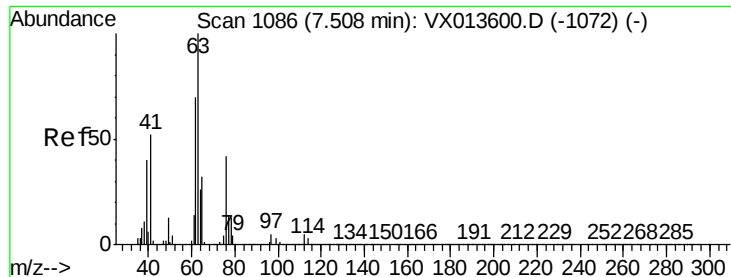
Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	130	Resp:	319978
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 51.237 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 311859

Ion Ratio Lower Upper

63 100

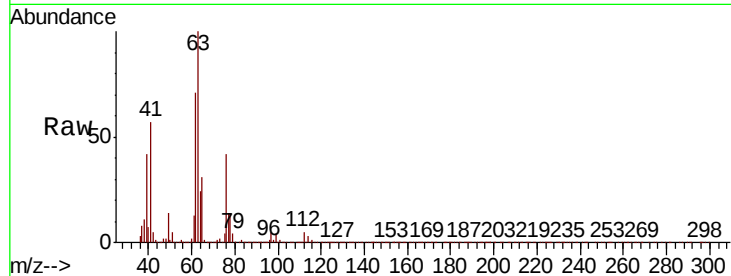
65 30.4 25.5 38.3

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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

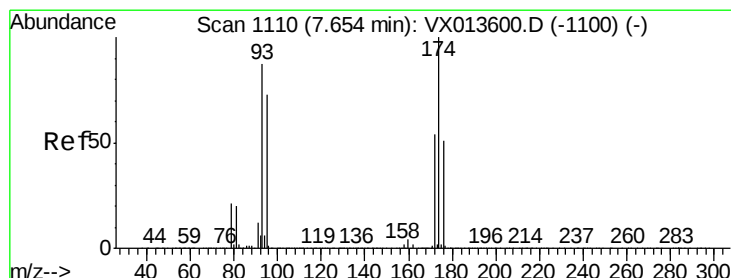
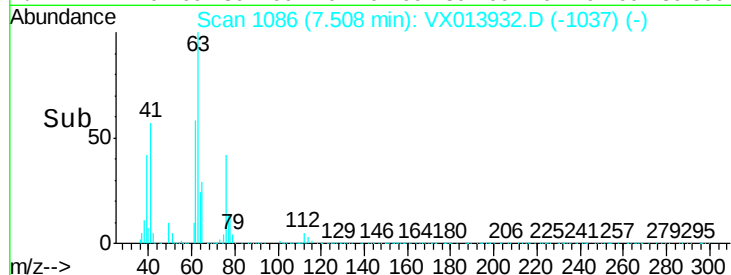
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 47.966 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

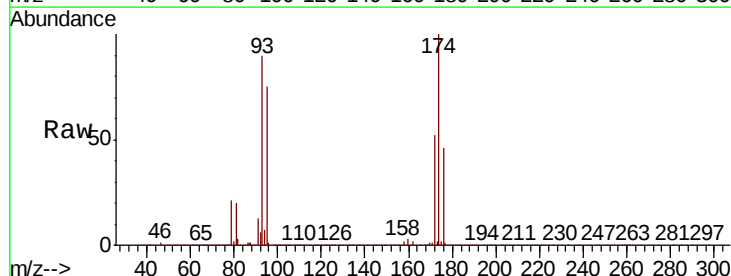
Tgt Ion: 93 Resp: 198286

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 115.0 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

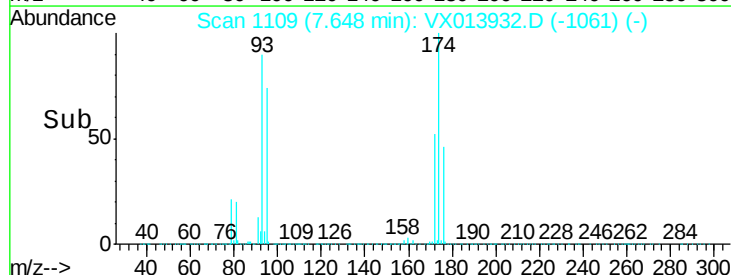
150000

100000

50000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 51.616 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

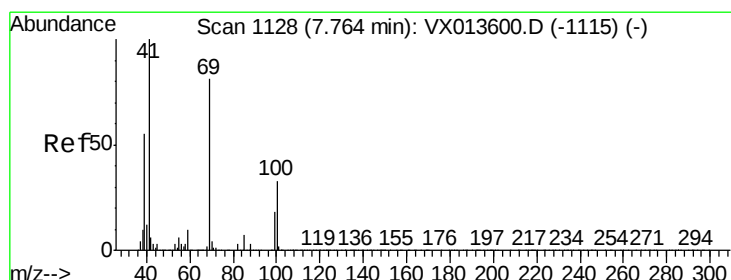
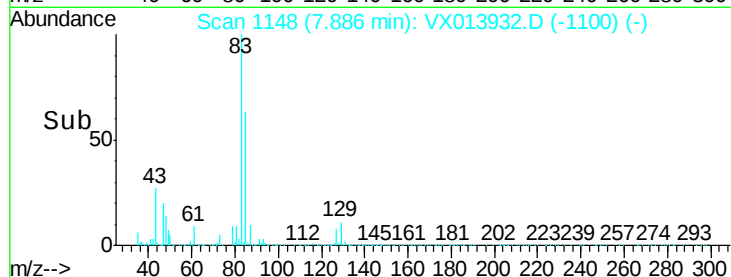
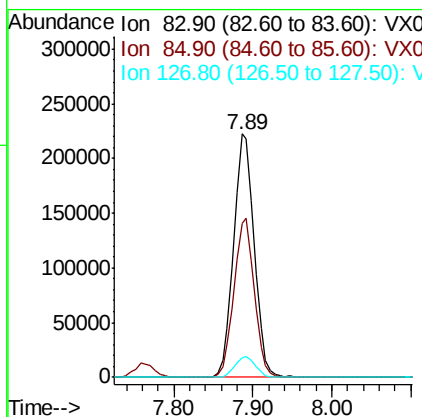
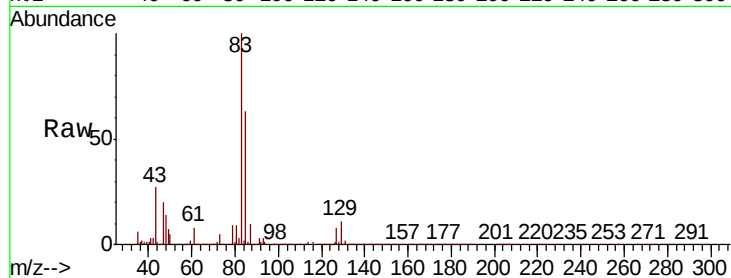
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	403372
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.1	78.1
127	8.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 48.879 ug/l

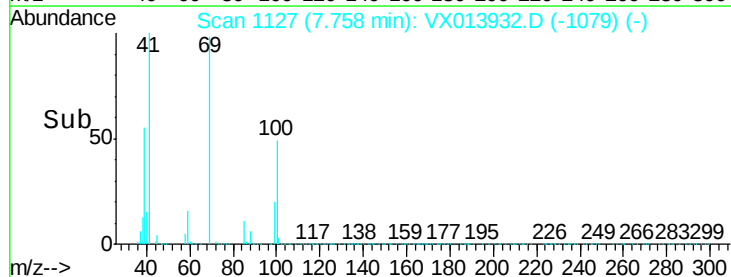
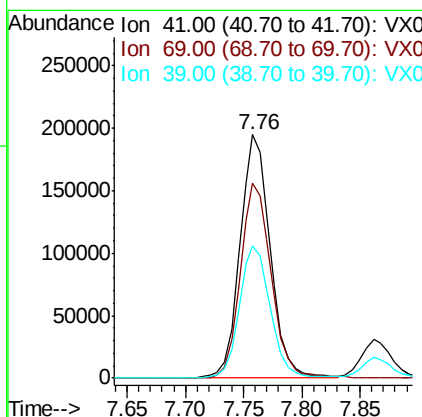
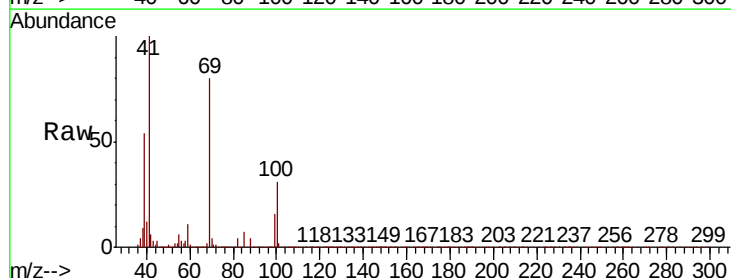
RT: 7.76 min Scan# 1127

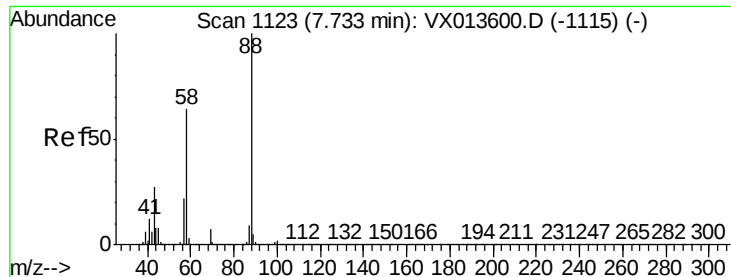
Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	41	Resp:	350354
Ion Ratio	Lower	Upper	
41	100		
69	81.9	64.7	97.1
39	55.5	43.8	65.6





#49

1,4-Dioxane

Concen: 777.689 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

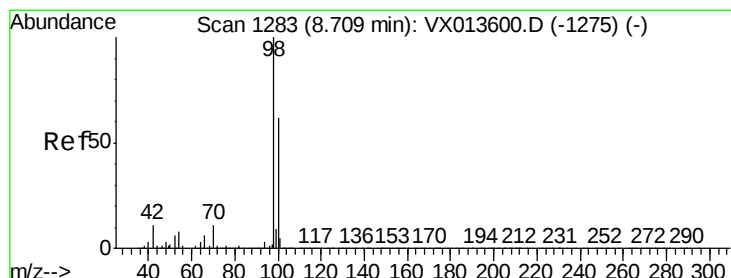
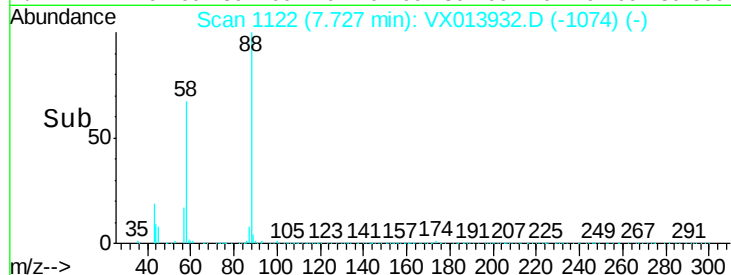
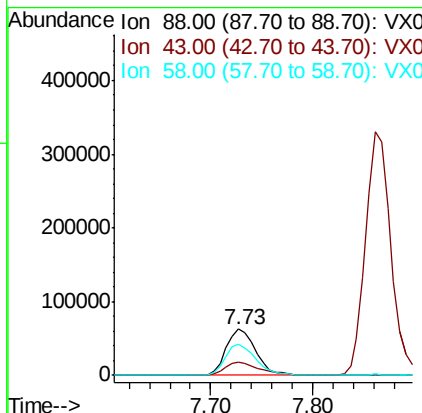
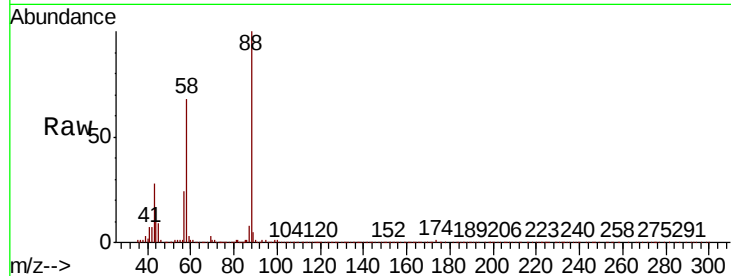
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	124774
Ion Ratio	Lower	Upper	
88	100		
43	32.4	25.8	38.6
58	69.0	54.6	82.0

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#50

Toluene-d8

Concen: 47.529 ug/l

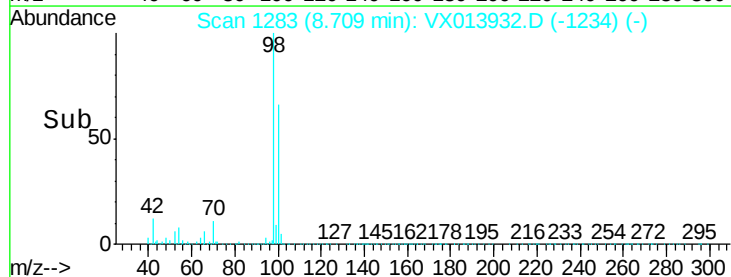
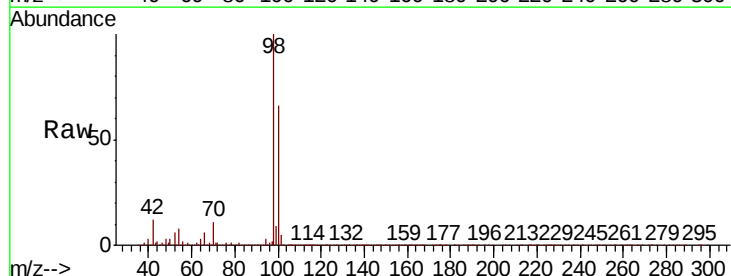
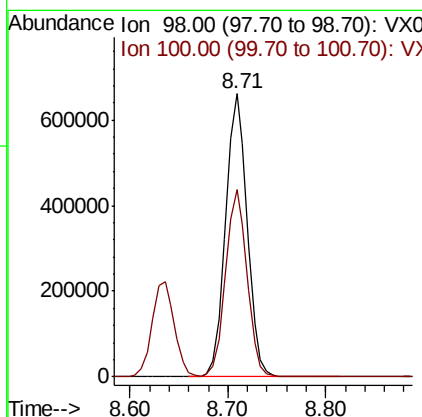
RT: 8.71 min Scan# 1283

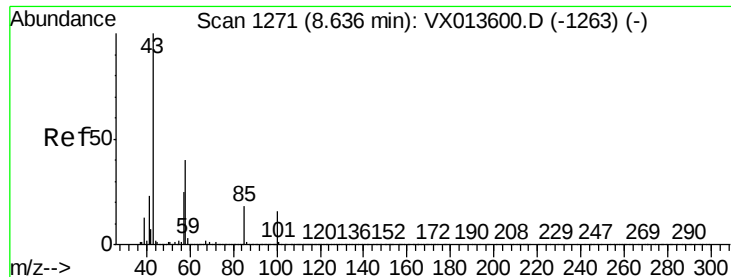
Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	98	Resp:	1007328
Ion Ratio	Lower	Upper	
98	100		
100	65.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 233.927 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2170723

Ion Ratio Lower Upper

43 100

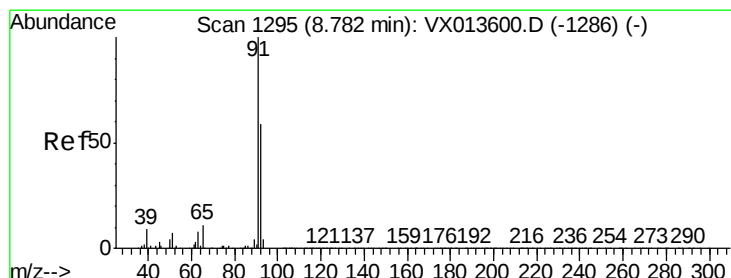
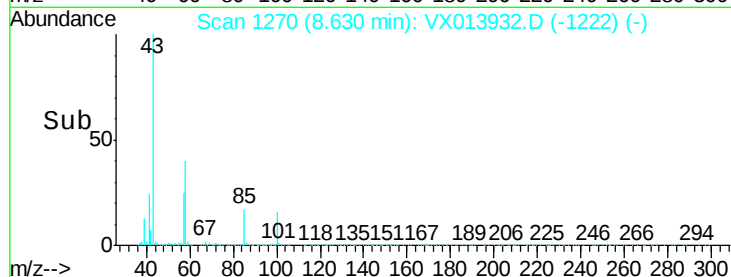
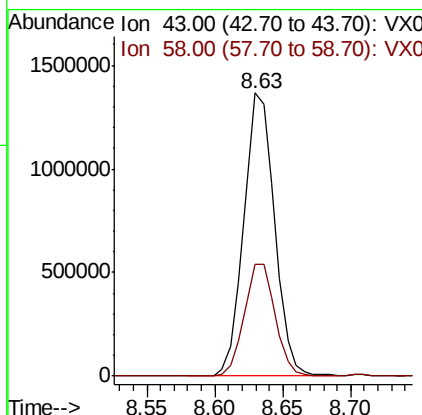
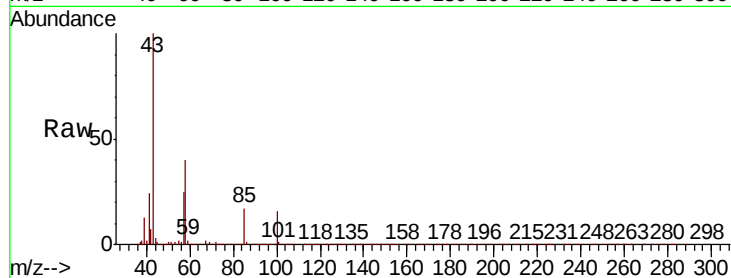
58 39.9 32.1 48.1

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#52

Toluene

Concen: 49.061 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013932.D

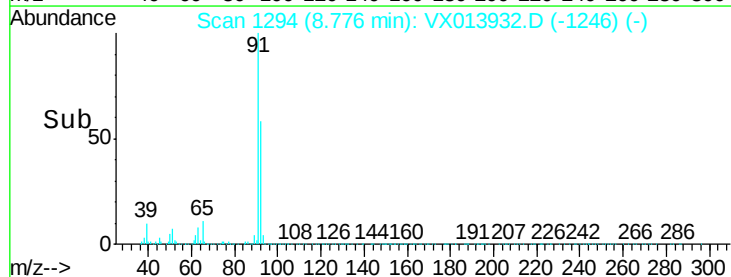
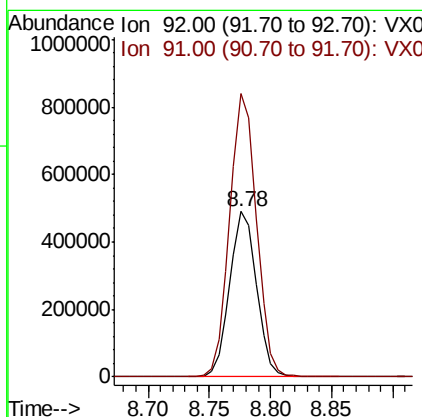
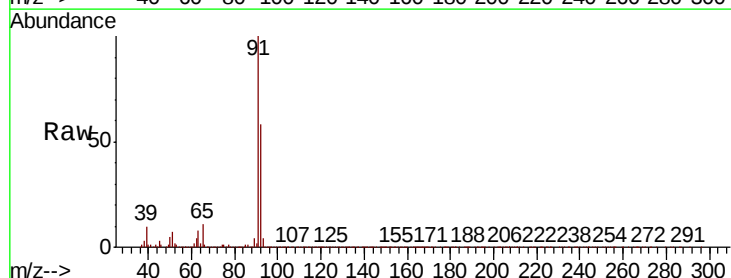
Acq: 11 Dec 2019 09:58

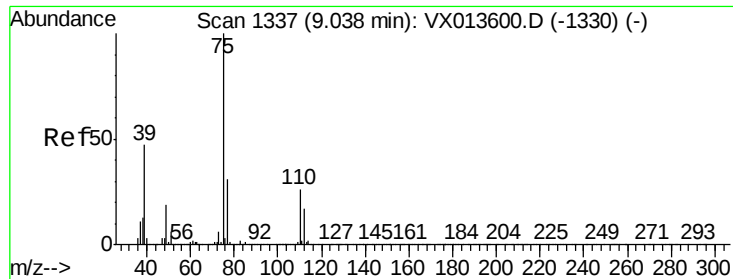
Tgt Ion: 92 Resp: 741460

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2





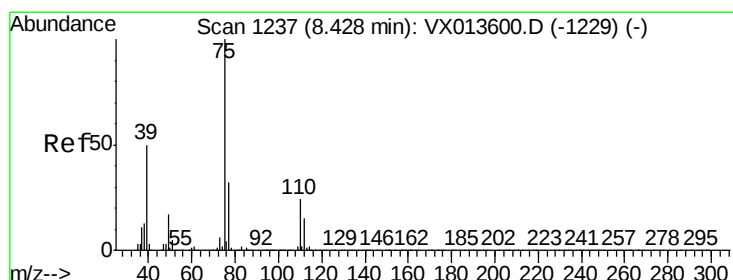
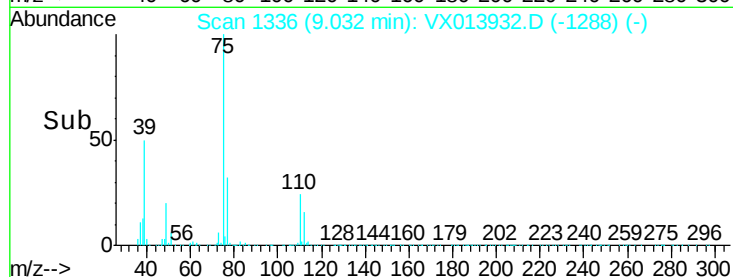
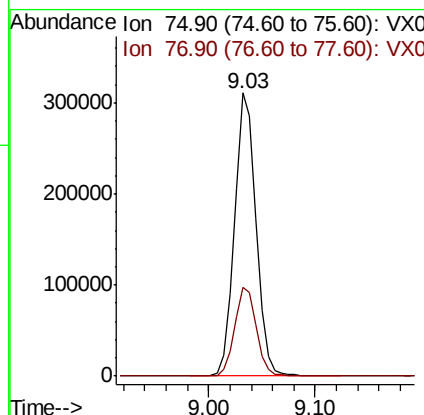
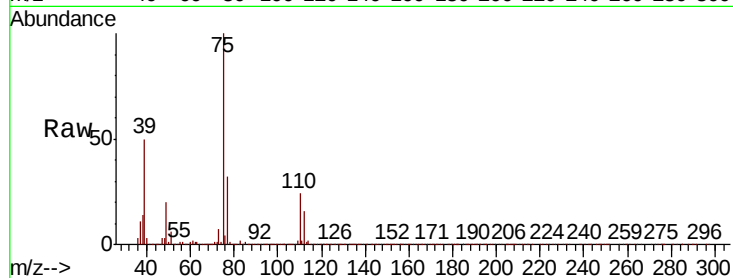
#53
t-1,3-Dichloropropene
Concen: 49.460 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.4	36.6

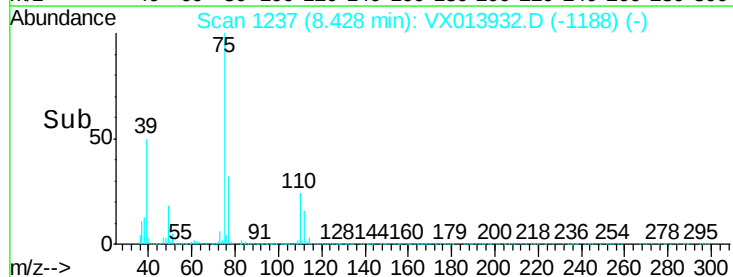
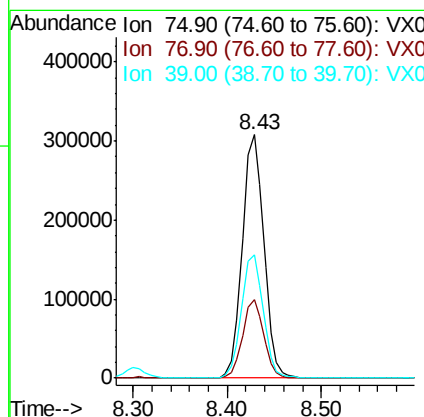
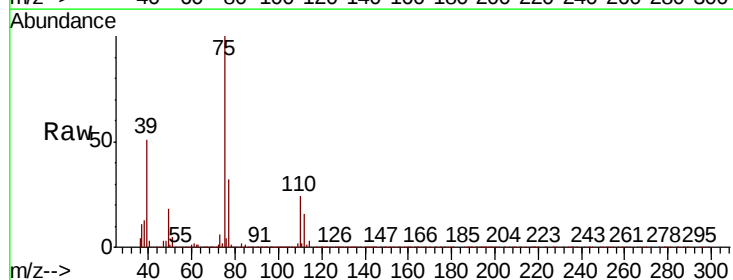
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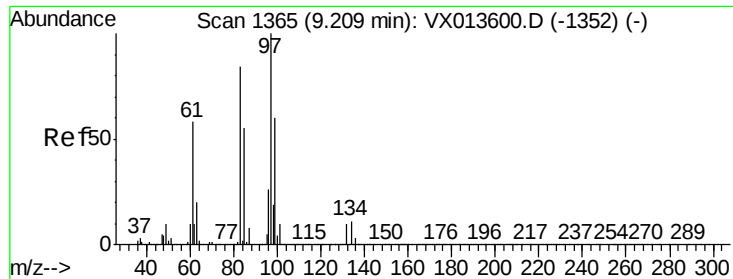
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#54
cis-1,3-Dichloropropene
Concen: 50.771 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6
39	50.3	39.9	59.9





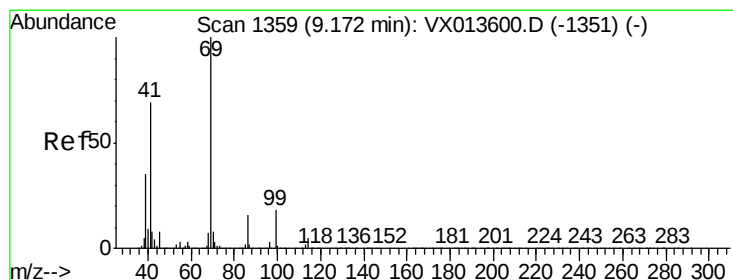
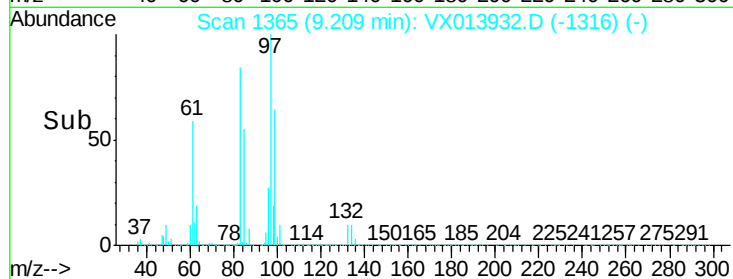
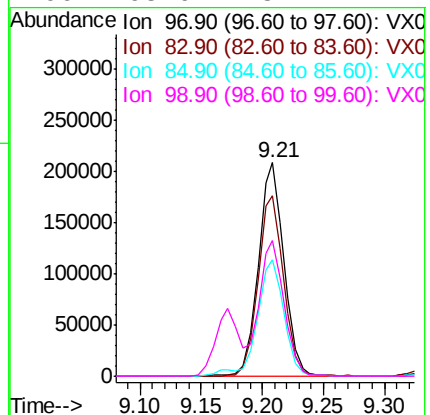
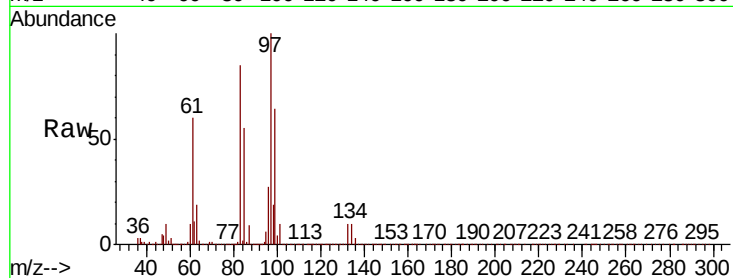
#55
 1,1,2-Trichloroethane
 Concen: 49.695 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013932.D
 Acq: 11 Dec 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	302657
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.3	100.9
85	54.7	43.6	65.4
99	63.6	48.2	72.4

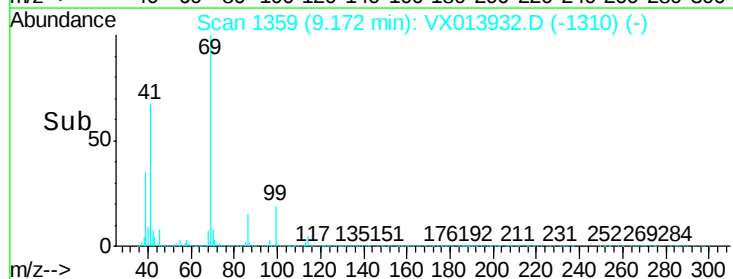
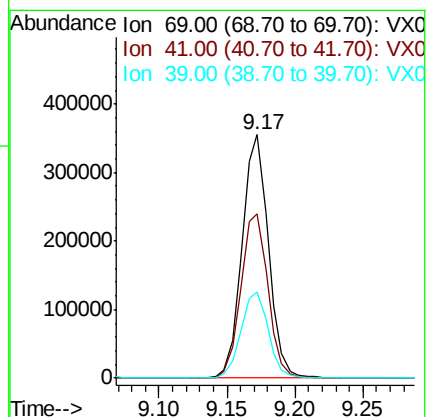
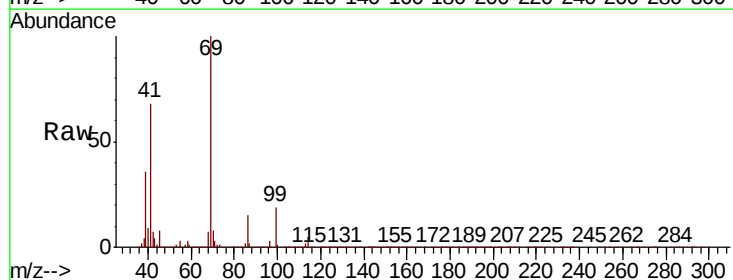
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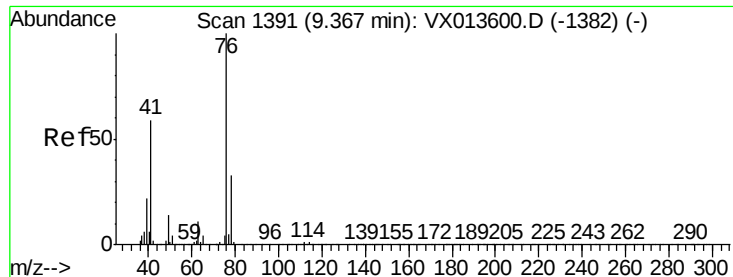
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#56
 Ethyl methacrylate
 Concen: 48.949 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013932.D
 Acq: 11 Dec 2019 09:58

Tgt Ion:	69	Resp:	479288
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.0	82.4
39	36.6	28.7	43.1





#57

1,3-Dichloropropane

Concen: 49.229 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 516785

Ion Ratio Lower Upper

76 100

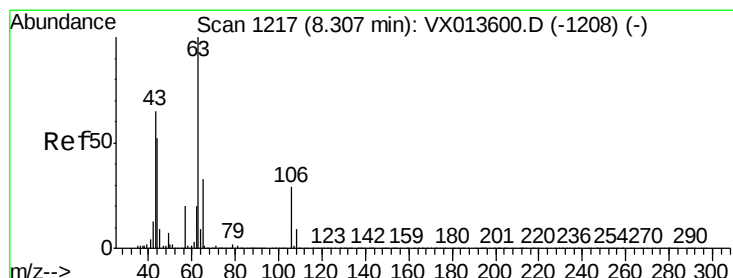
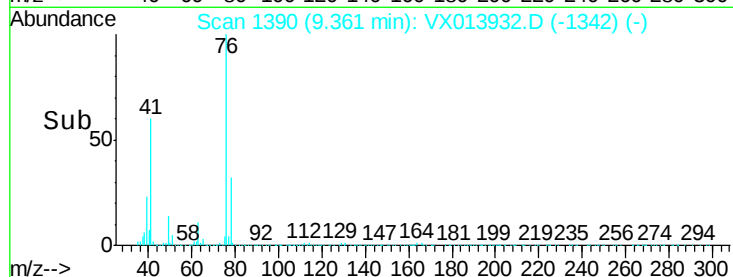
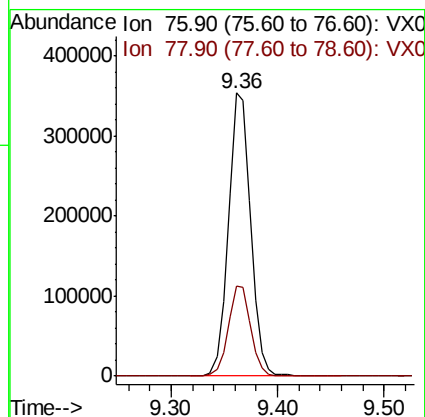
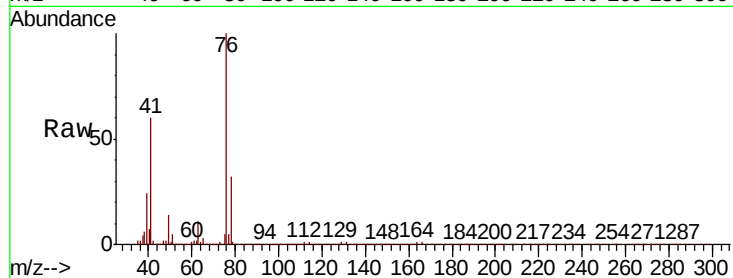
78 31.8 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 240.781 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013932.D

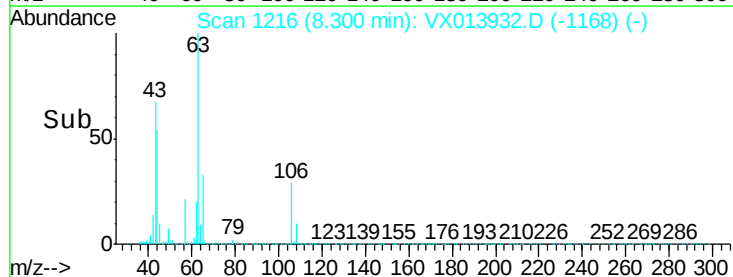
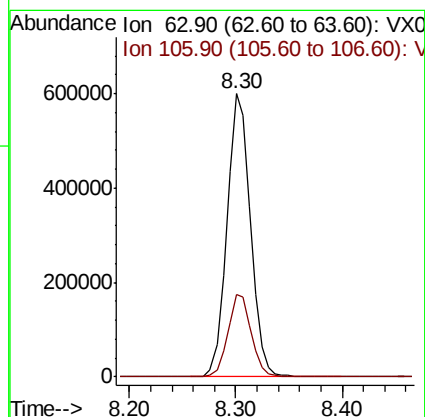
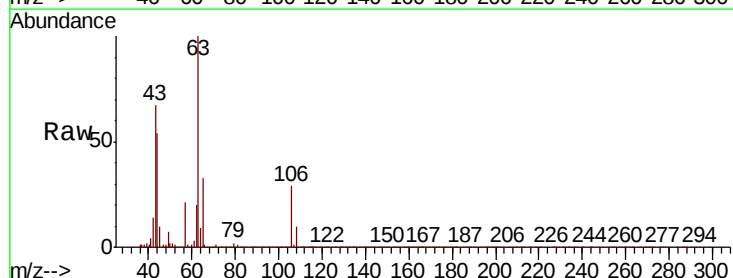
Acq: 11 Dec 2019 09:58

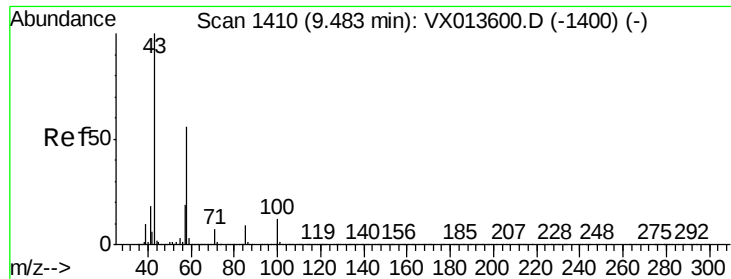
Tgt Ion: 63 Resp: 924371

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0





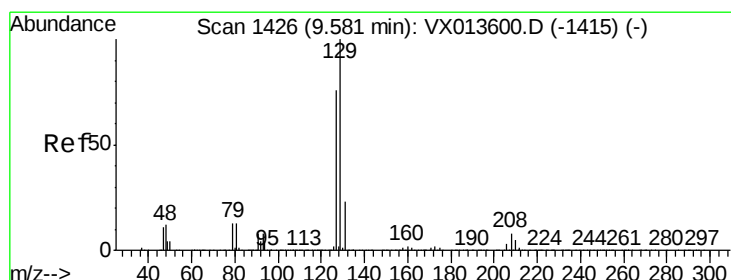
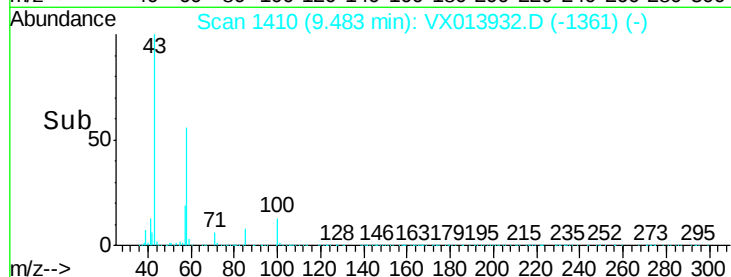
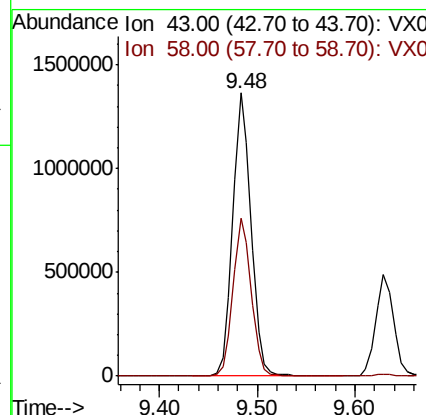
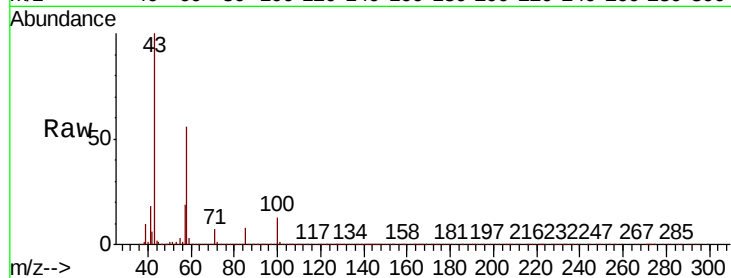
#59
2-Hexanone
Concen: 245.247 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1774934
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.4

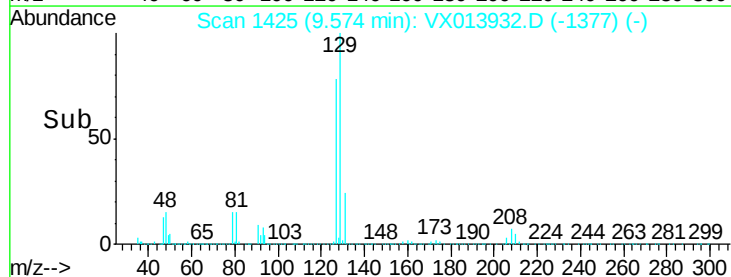
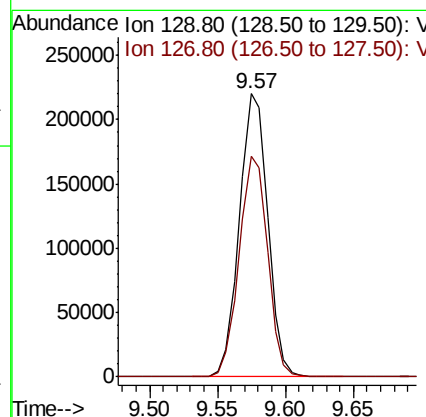
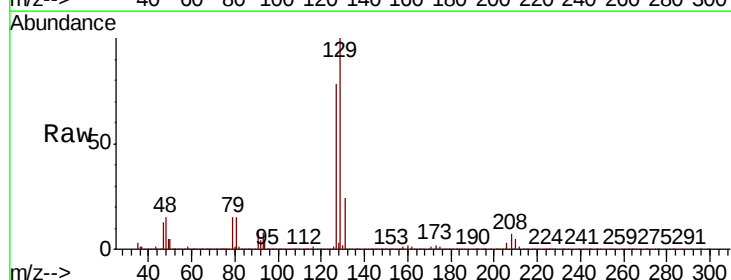
Manual Integrations
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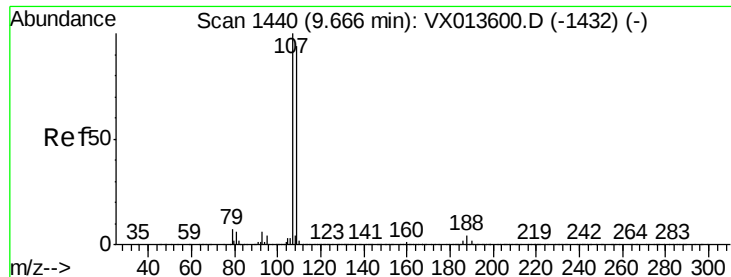
apatel
12/12/2019 9:26:28 AM



#60
Dibromochloromethane
Concen: 50.727 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion: 129 Resp: 320617
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.832 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 311134

Ion Ratio Lower Upper

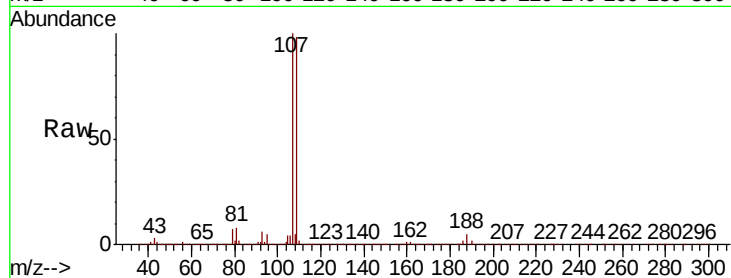
107 100

109 96.0 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

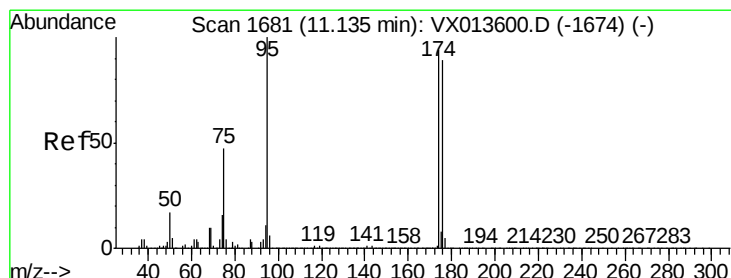
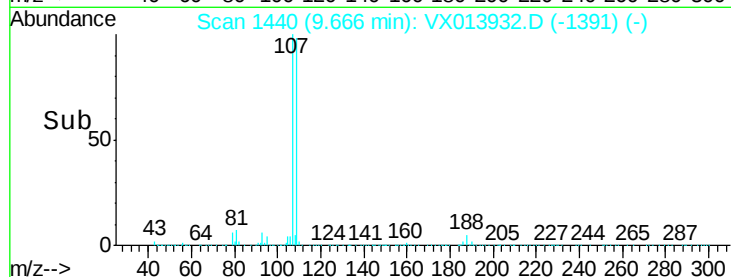
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.427 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

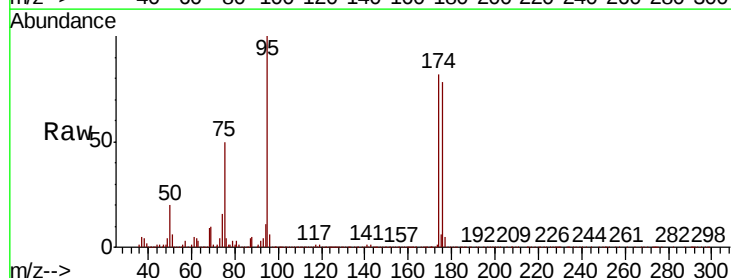
Tgt Ion: 95 Resp: 377752

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

176 85.8 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

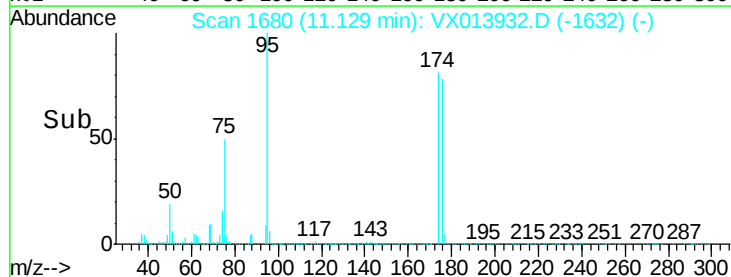
300000

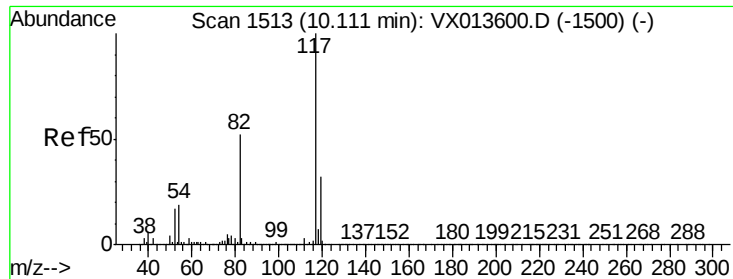
200000

100000

0

Time--> 11.05 11.10 11.15 11.20





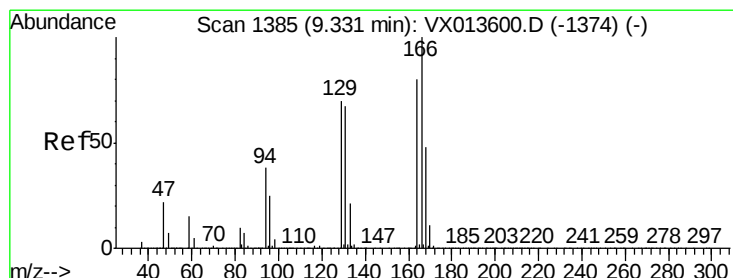
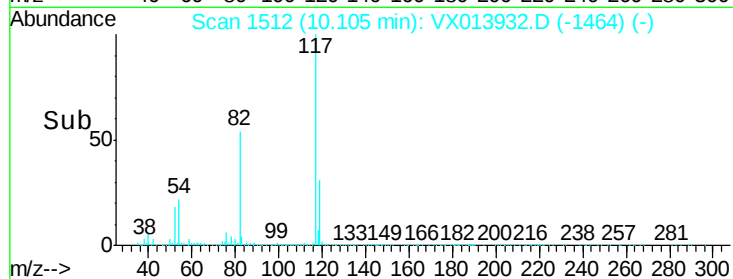
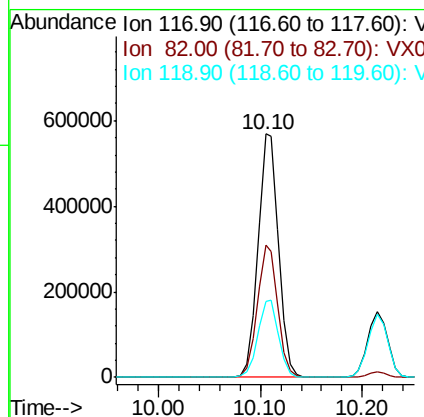
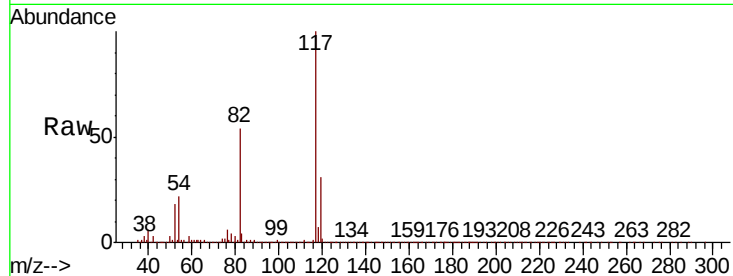
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	804058		
82	54.4	41.8	62.8	
119	30.9	25.8	38.8	

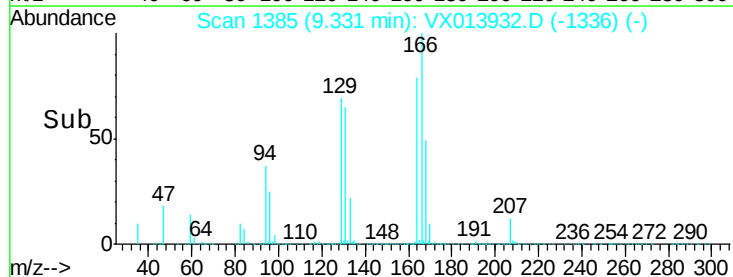
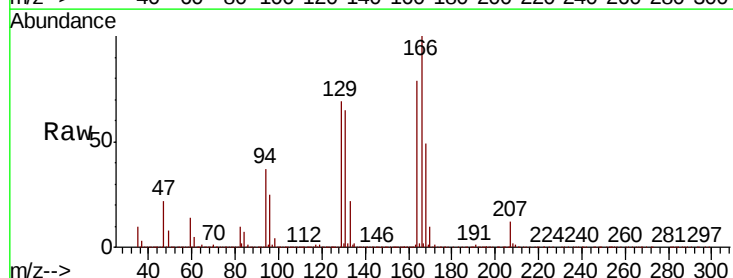
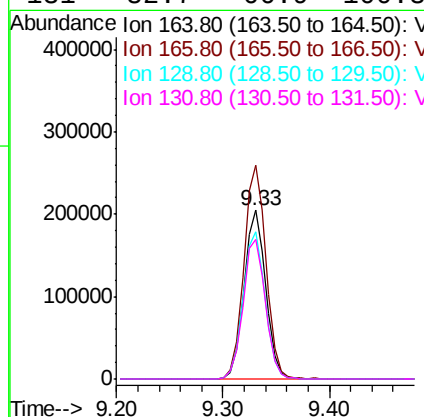
Manual Integrations
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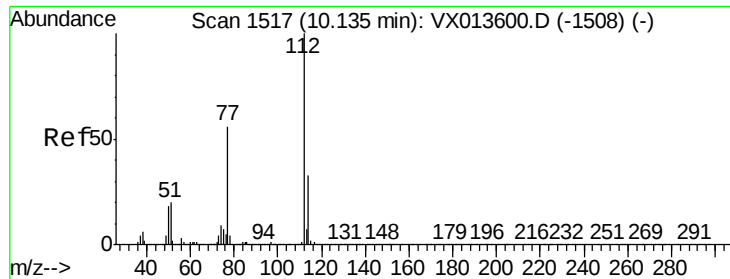
apatel
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#64
Tetrachloroethene
Concen: 48.743 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	292271		
166	126.7	99.7	149.5	
129	87.3	70.1	105.1	
131	82.7	66.9	100.3	





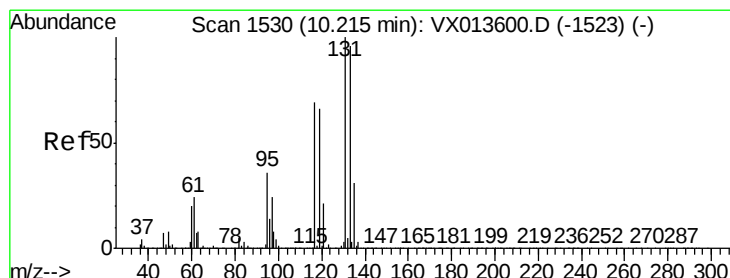
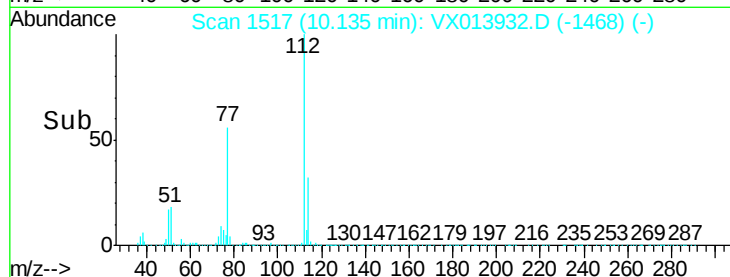
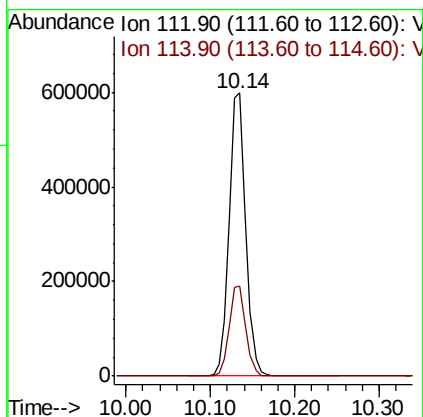
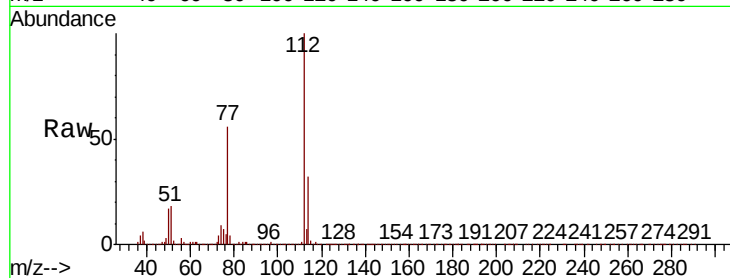
#65
Chlorobenzene
Concen: 48.627 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.1	39.1

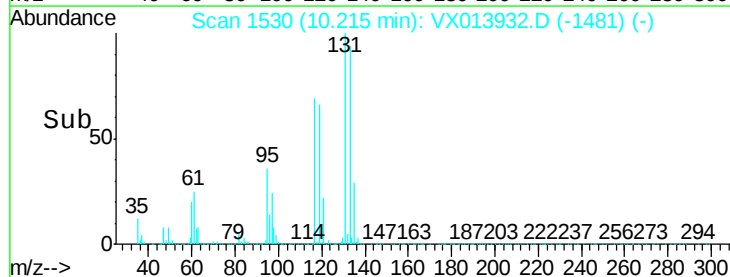
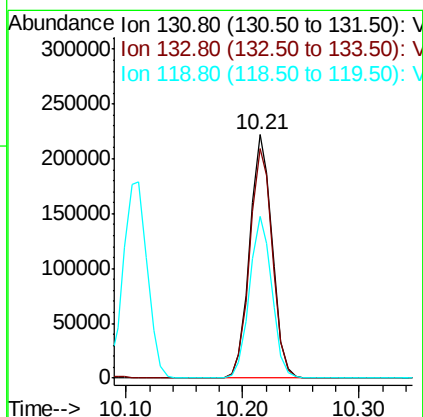
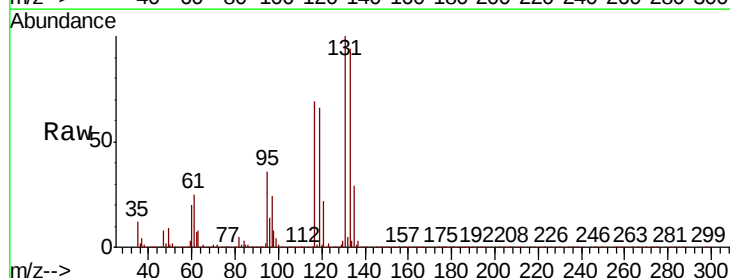
Manual Integrations
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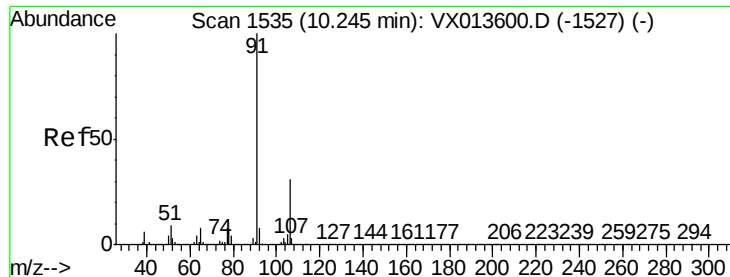
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.865 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	66.0	32.9	98.6





#67

Ethyl Benzene

Concen: 49.867 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1430526

Ion Ratio Lower Upper

91 100

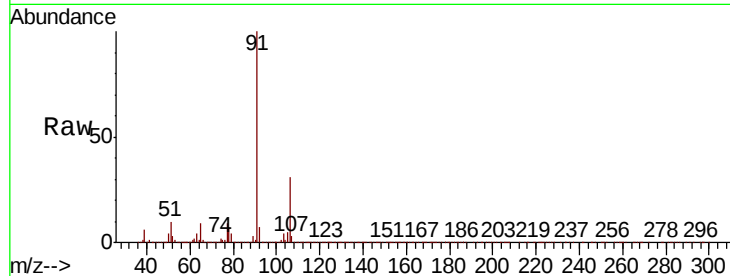
106 31.4 24.5 36.7

Manual Integrations

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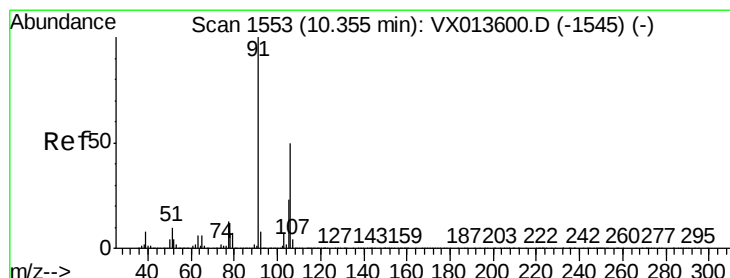
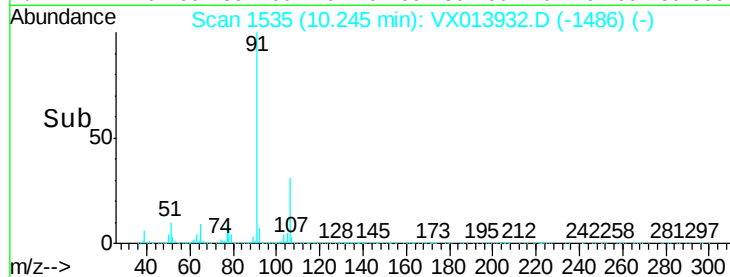
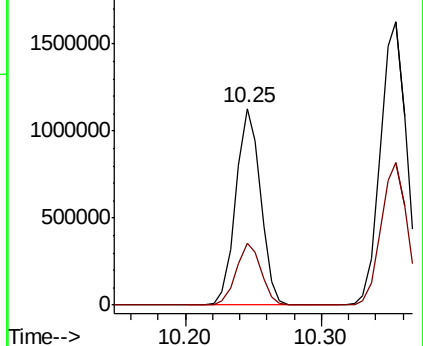
apatel

12/12/2019 9:26:28 AM



Abundance Ion 91.00 (90.70 to 91.70): VX013932.D (-1486) (-)

Ion 106.00 (105.70 to 106.70): VX013932.D (-1486) (-)



#68

m/p-Xylenes

Concen: 99.053 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013932.D

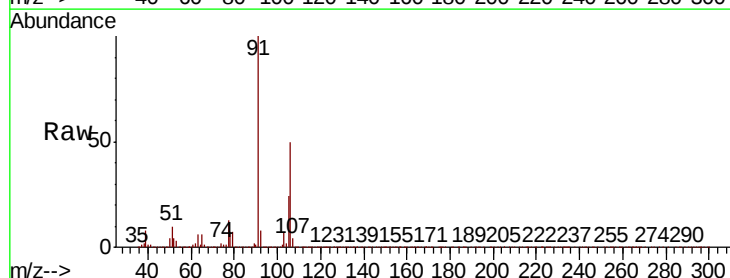
Acq: 11 Dec 2019 09:58

Tgt Ion: 106 Resp: 1087880

Ion Ratio Lower Upper

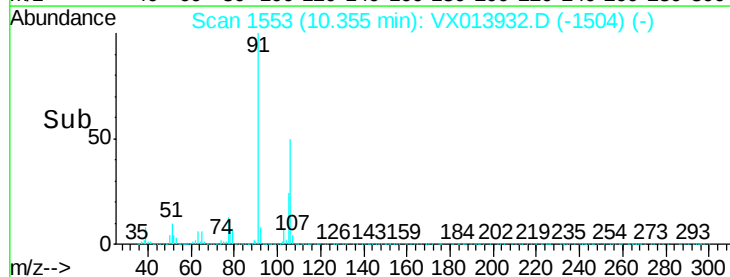
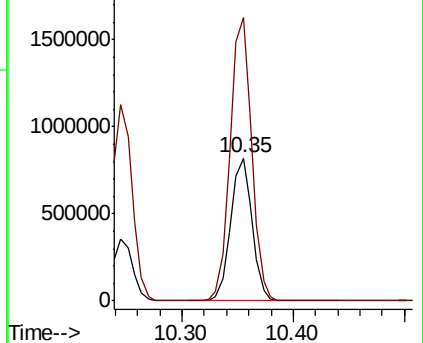
106 100

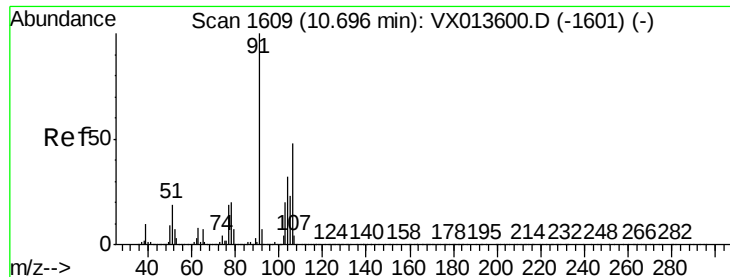
91 199.4 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): VX013932.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX013932.D (-1504) (-)





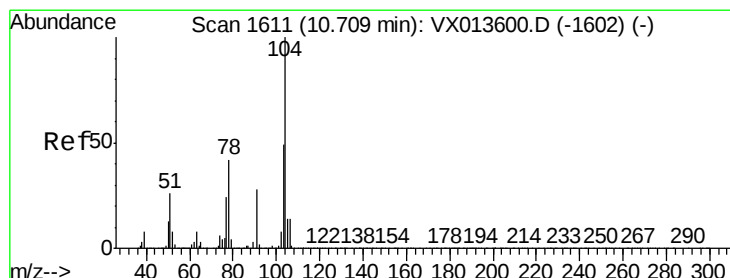
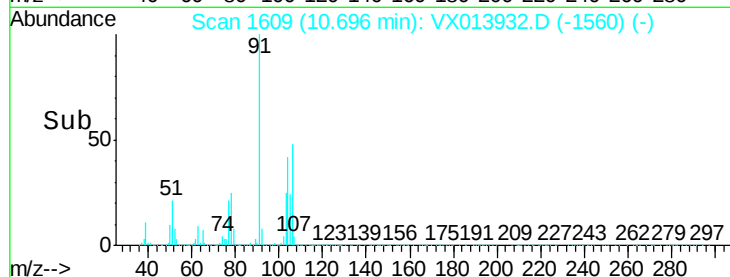
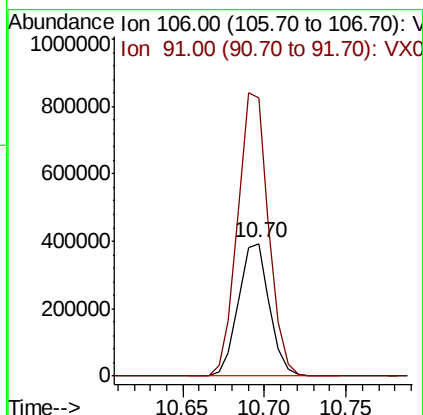
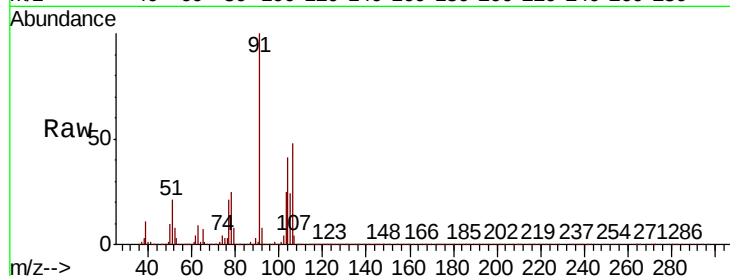
#69
o-Xylene
Concen: 48.532 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.6	104.1	312.2

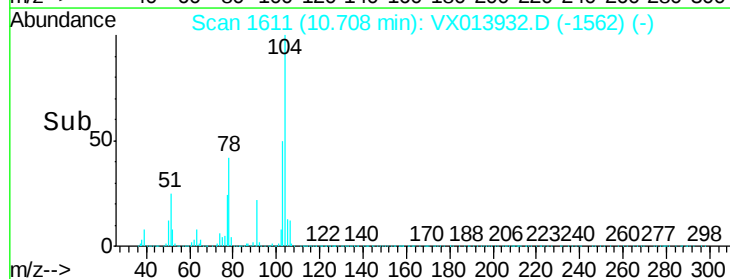
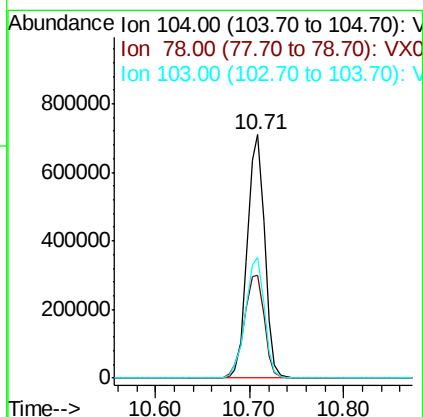
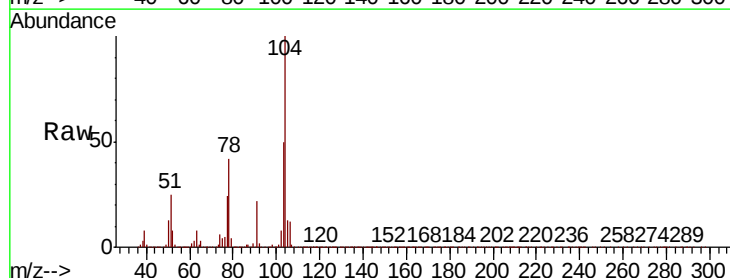
Manual Integrations
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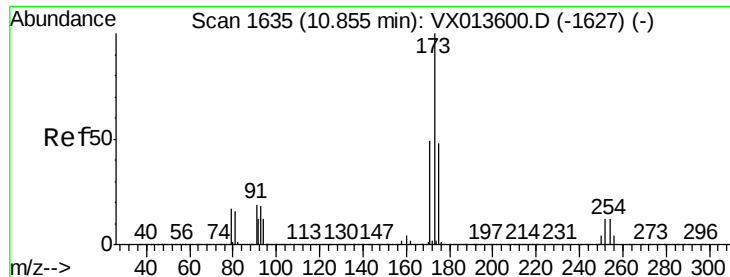
apatel
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#70
Styrene
Concen: 50.890 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.5	57.7
103	54.1	43.7	65.5





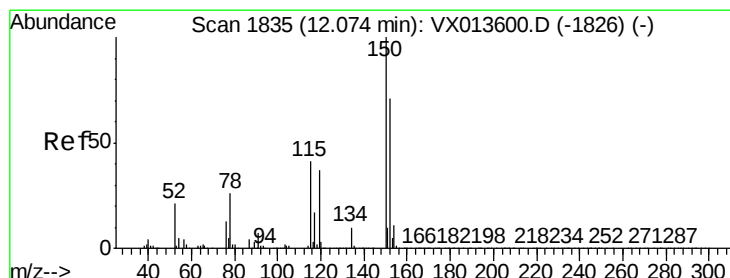
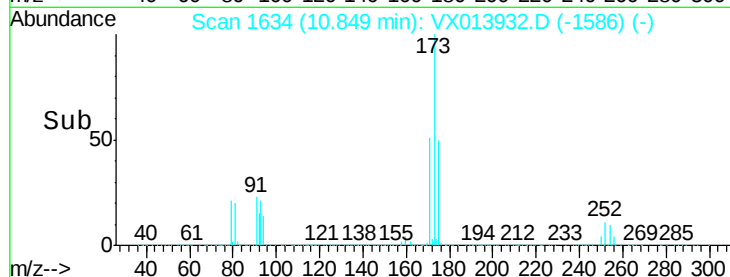
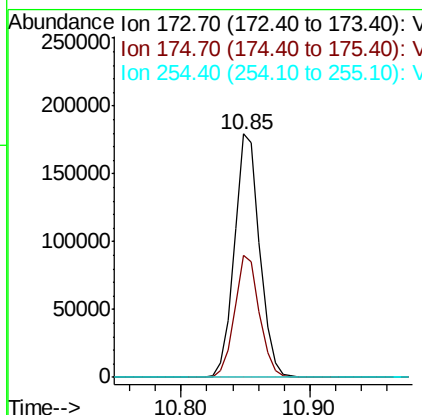
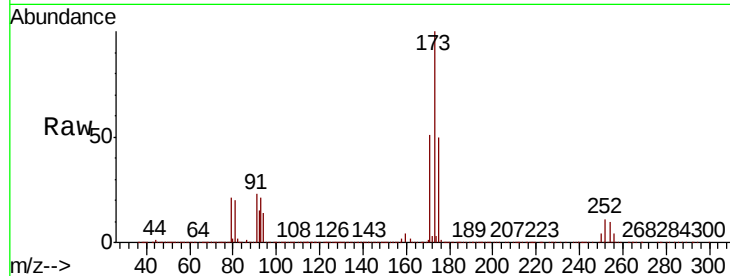
#71
Bromoform
Concen: 49.170 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

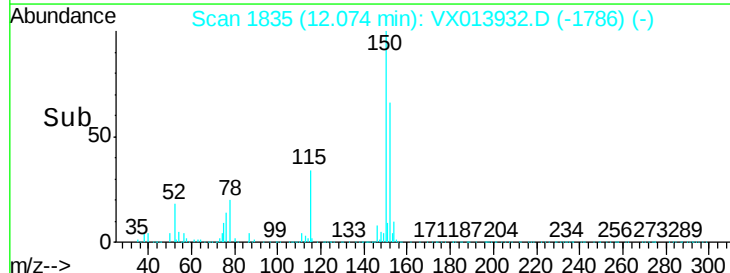
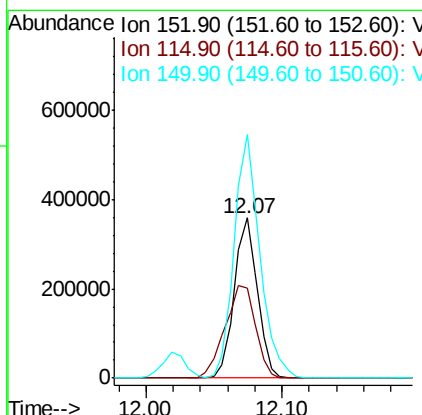
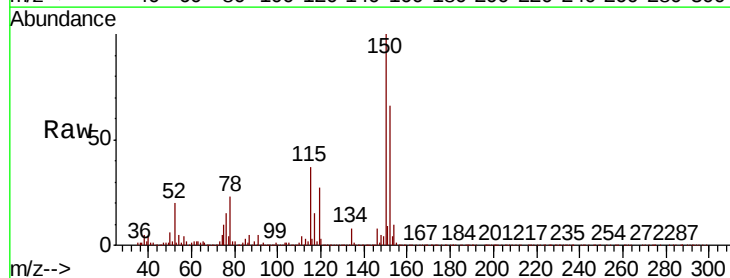
Manual Integrations
APPROVED

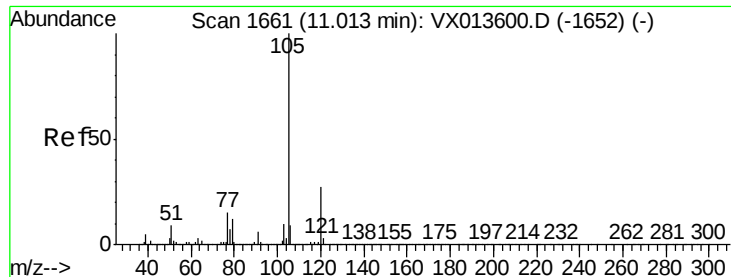
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.2	38.4	115.1
150	169.6	0.0	346.8





#73

Isopropylbenzene

Concen: 47.606 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1413179

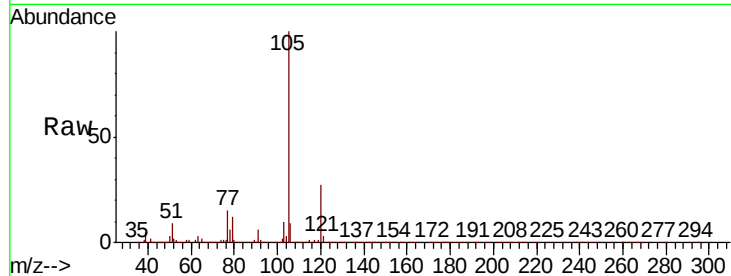
Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5

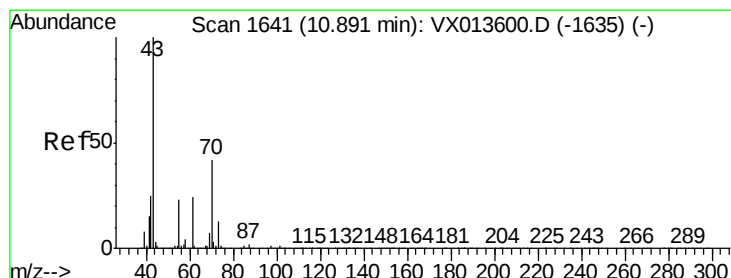
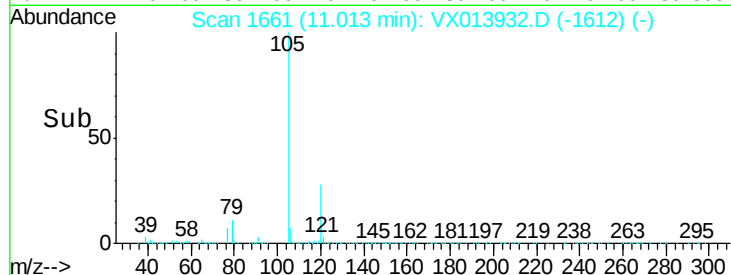
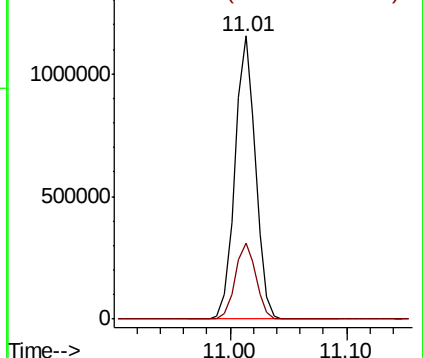
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.790 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion: 43 Resp: 622654

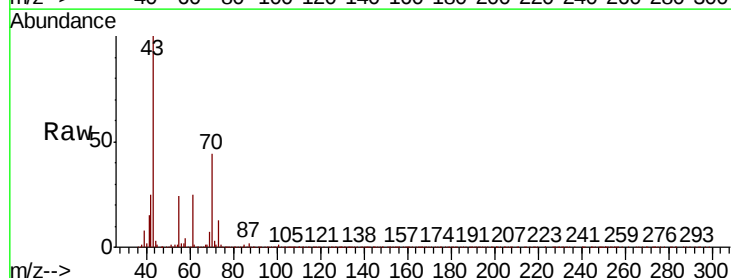
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.0 18.5 27.7

61 24.4 19.8 29.8

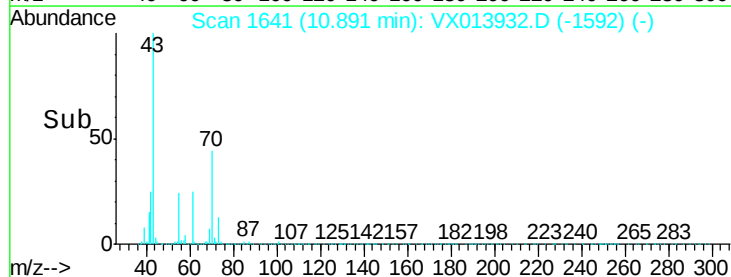
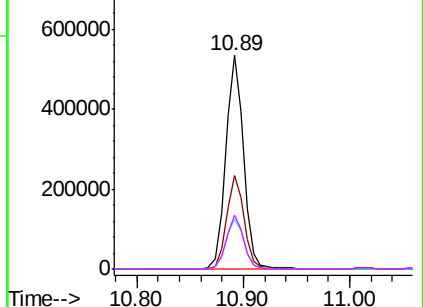


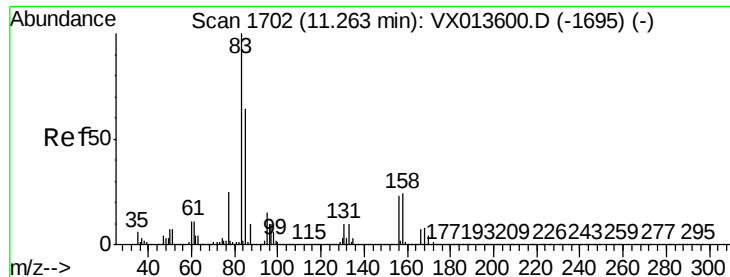
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.036 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

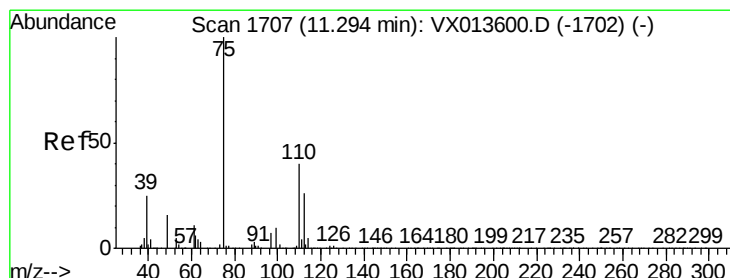
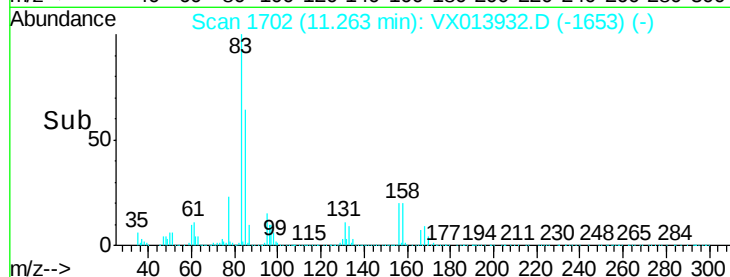
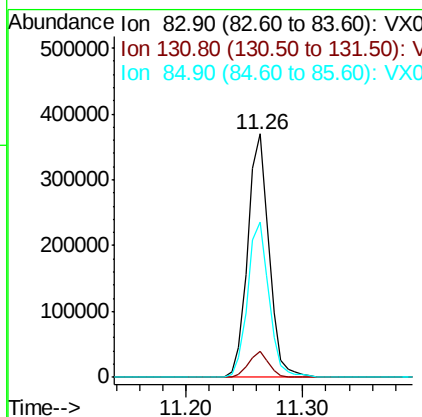
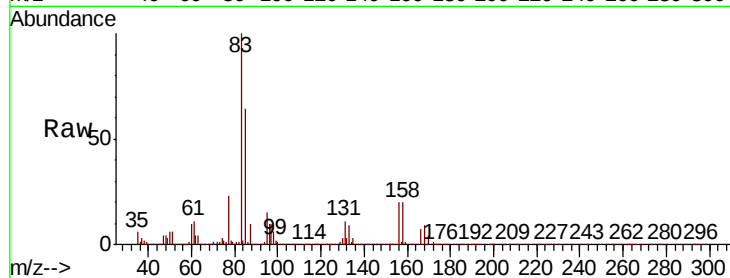
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	473915
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	64.0	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 40.226 ug/l m

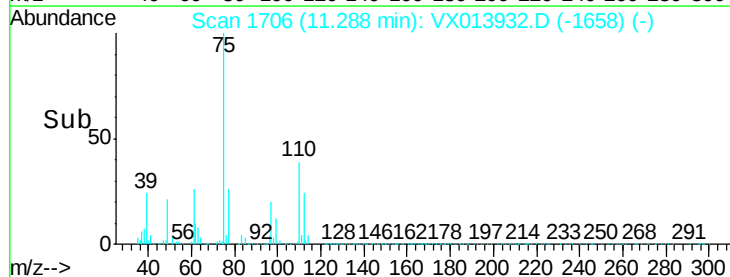
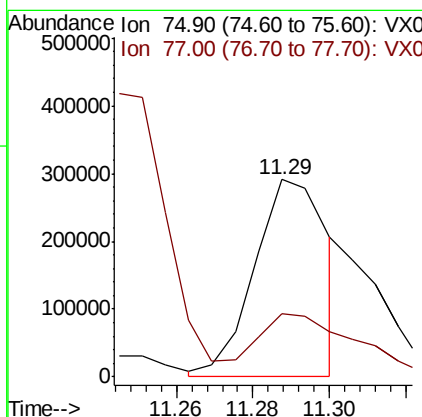
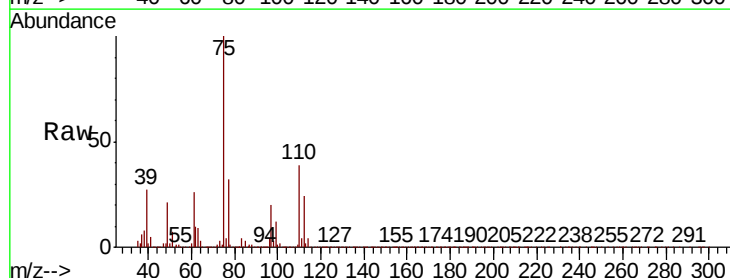
RT: 11.29 min Scan# 1706

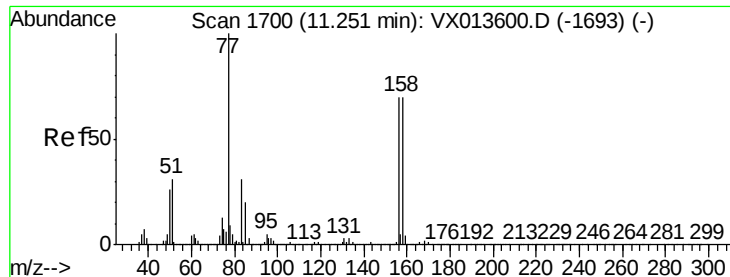
Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	75	Resp:	382878
Ion Ratio	Lower	Upper	
75	100		
77	44.7	19.1	57.5





#77

Bromobenzene

Concen: 45.876 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

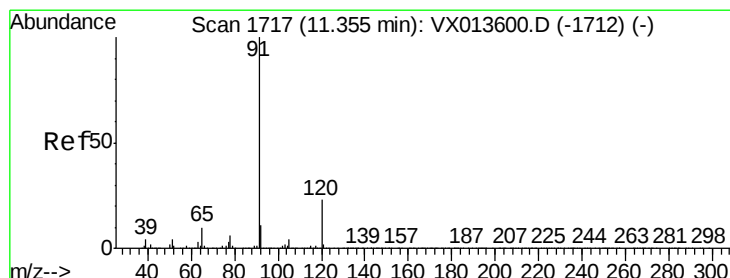
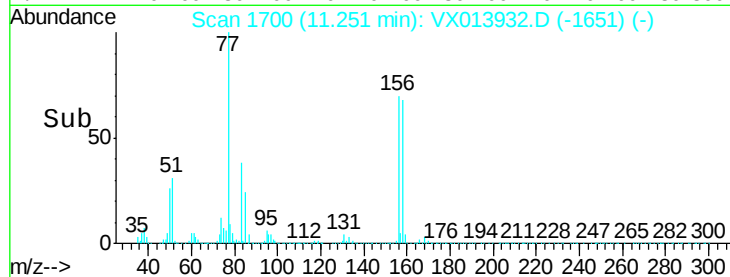
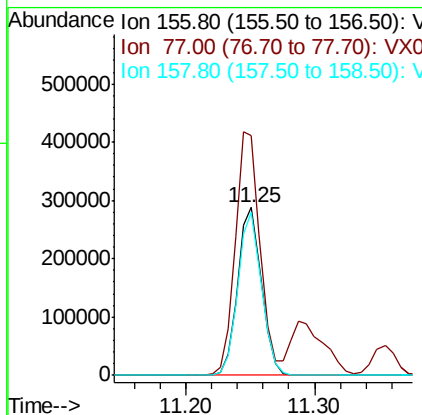
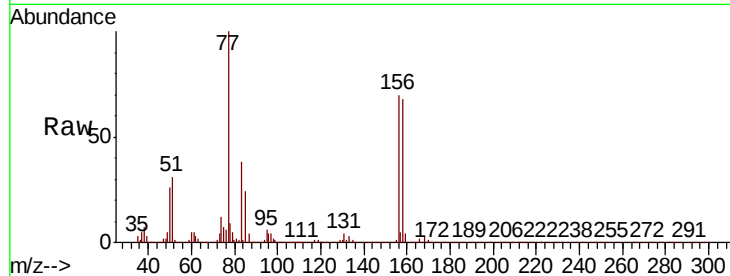
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	367897
Ion Ratio	Lower	Upper	
156	100		
77	150.3	74.4	223.1
158	96.6	48.9	146.6

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#78

n-propylbenzene

Concen: 49.465 ug/l

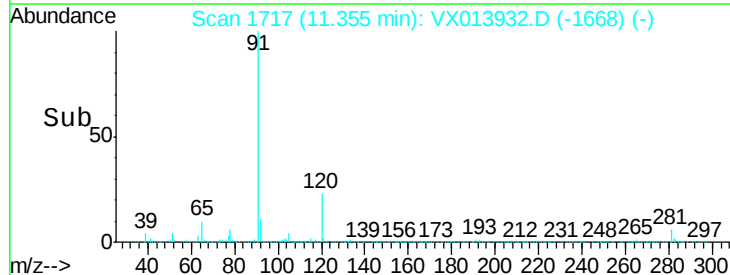
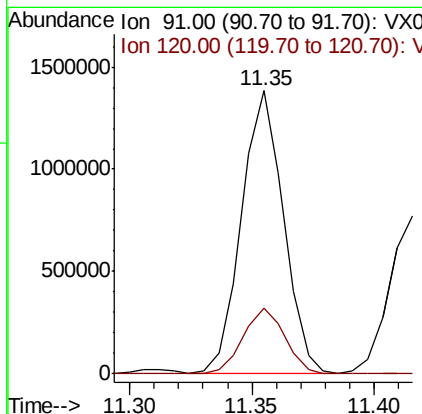
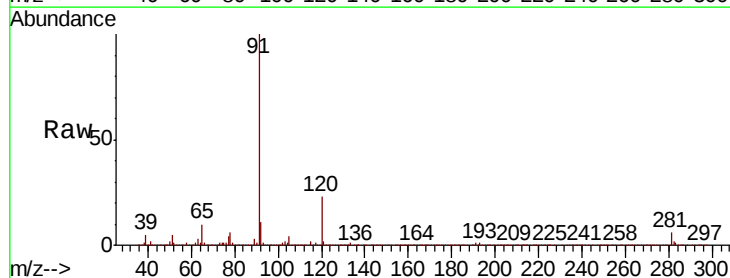
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	91	Resp:	1639147
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 47.744 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 949063

Ion Ratio Lower Upper

91 100

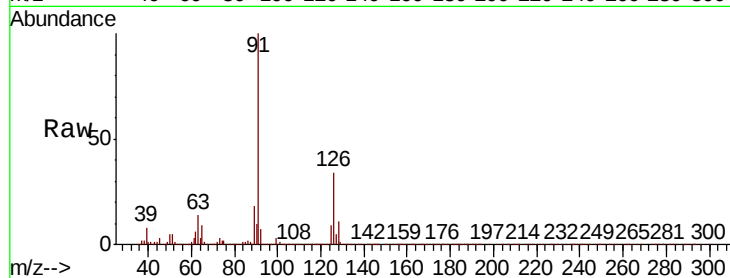
126 34.6 17.5 52.5

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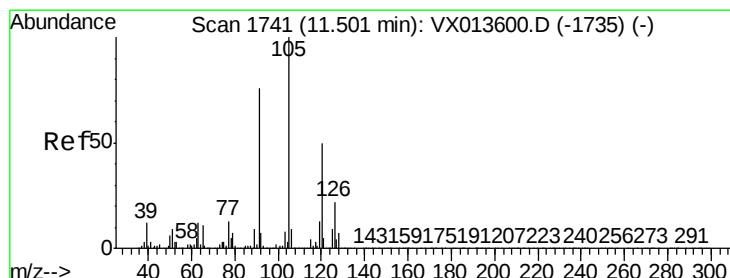
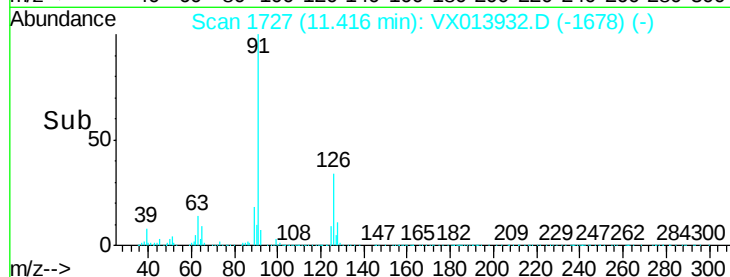
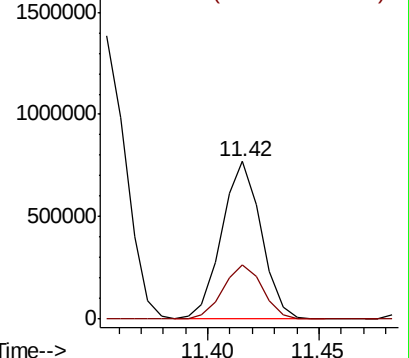
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.011 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013932.D

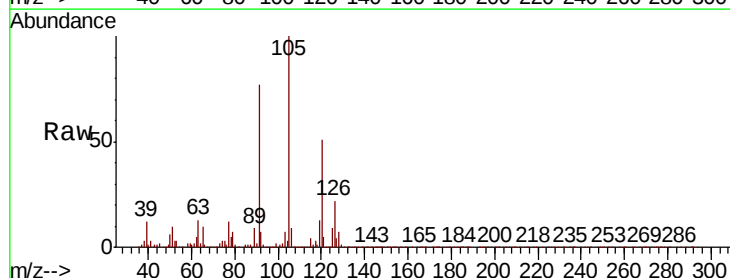
Acq: 11 Dec 2019 09:58

Tgt Ion: 105 Resp: 1192400

Ion Ratio Lower Upper

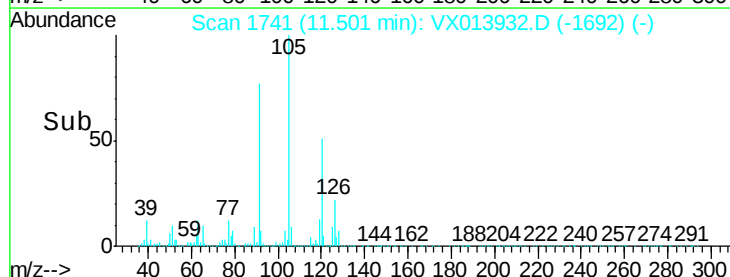
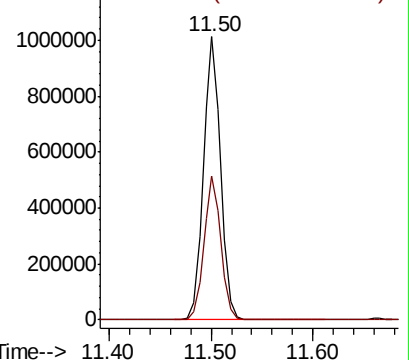
105 100

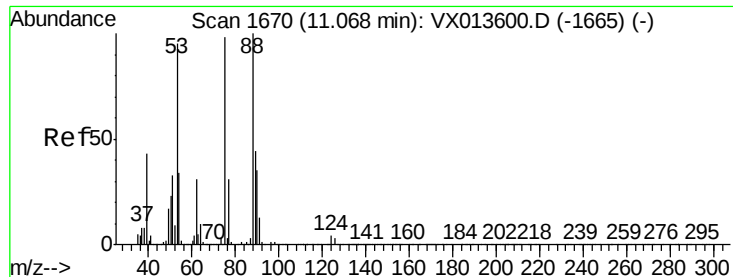
120 50.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





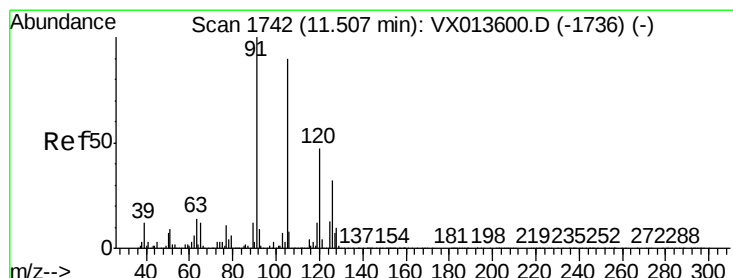
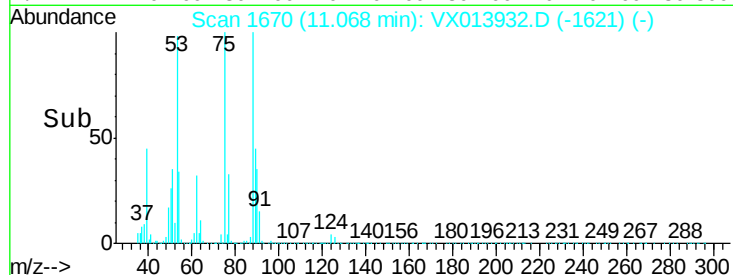
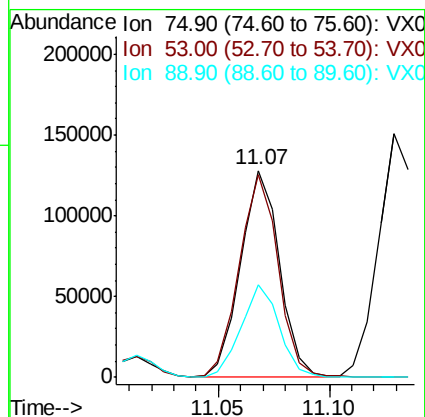
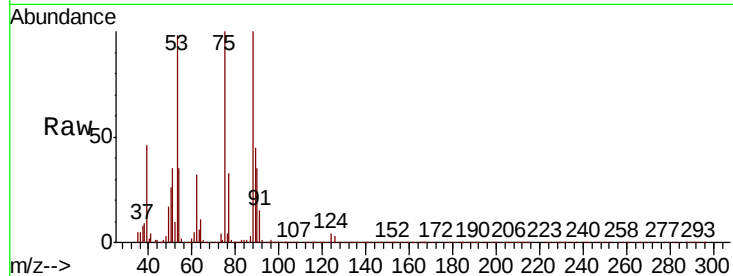
#81
trans-1,4-Dichloro-2-butene
Concen: 44.693 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	78.2	117.2
89	44.4	35.4	53.2

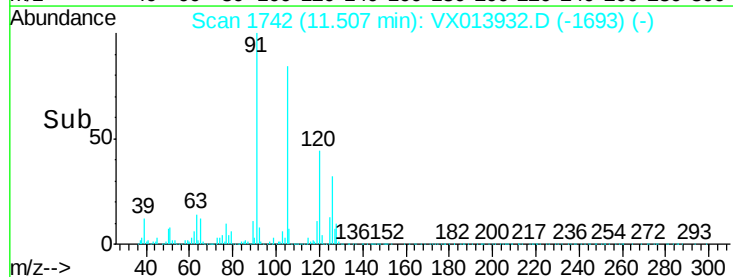
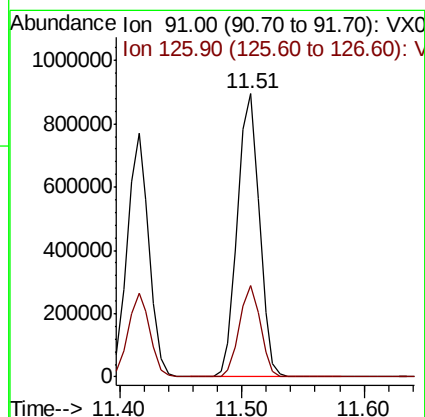
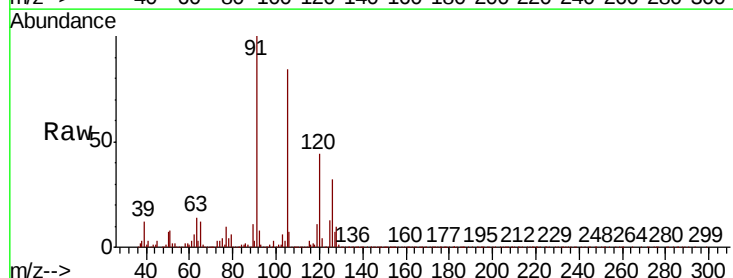
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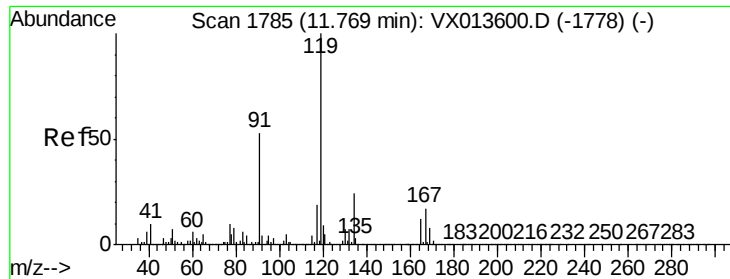
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#82
4-Chlorotoluene
Concen: 48.086 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.0





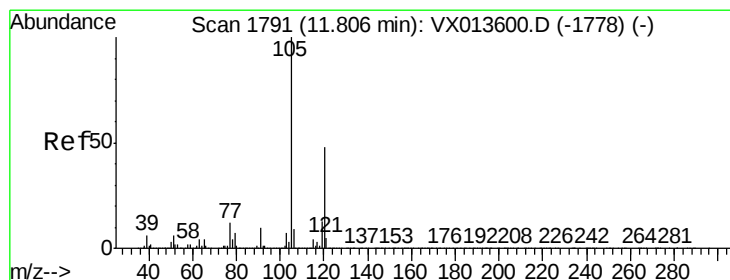
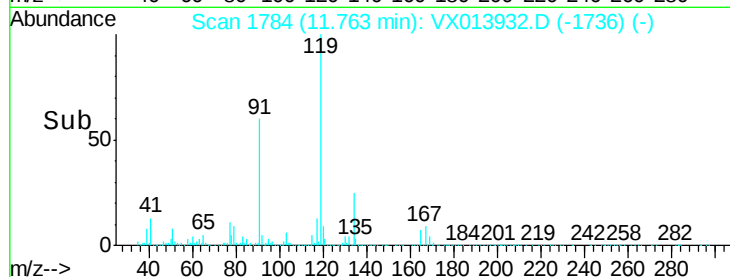
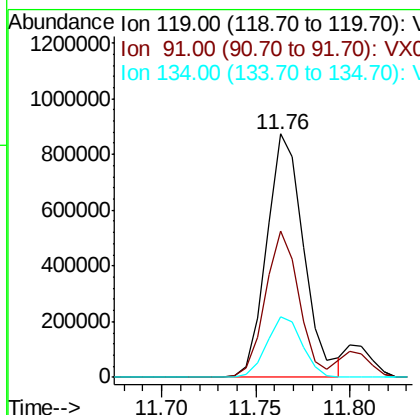
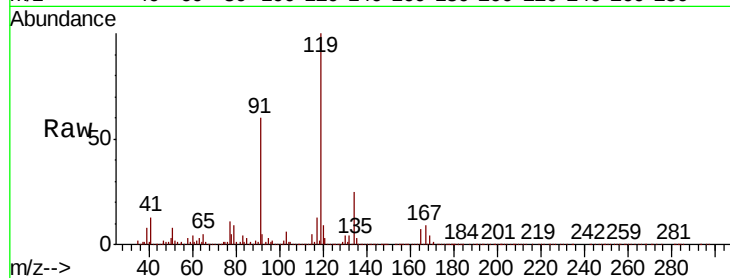
#83
tert-Butylbenzene
Concen: 48.105 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

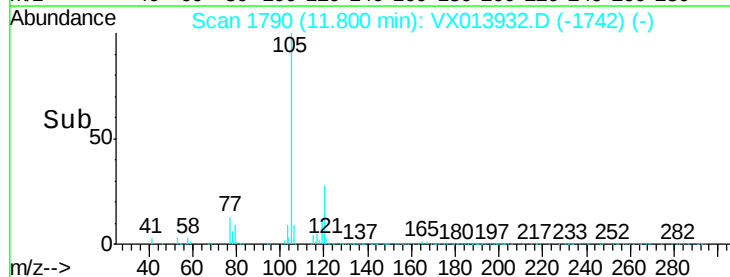
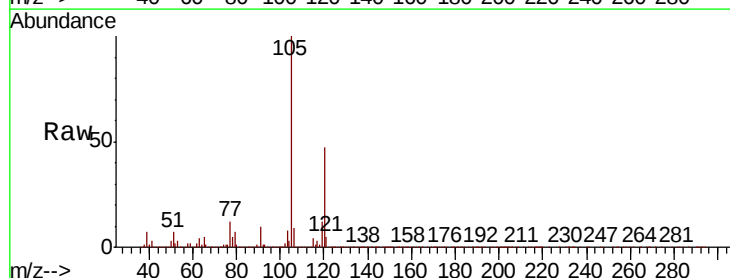
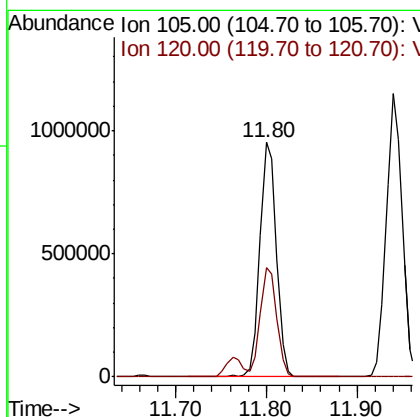
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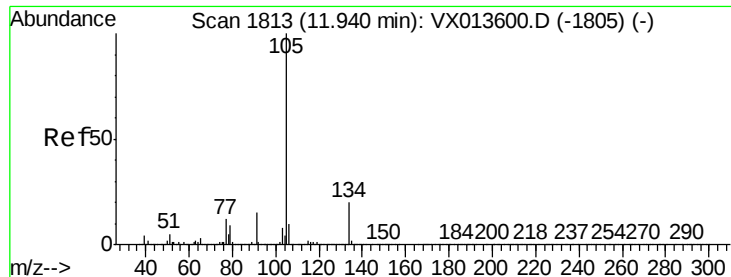
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#84
1,2,4-Trimethylbenzene
Concen: 48.650 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 49.715 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1404047

Ion Ratio Lower Upper

105 100

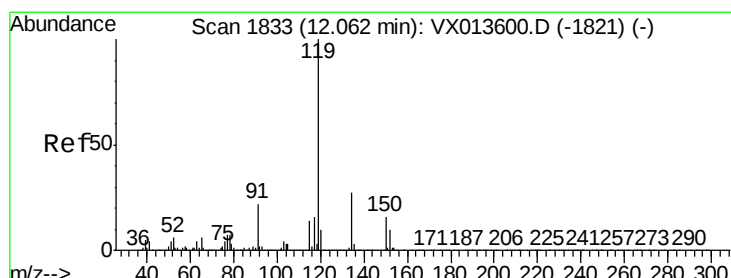
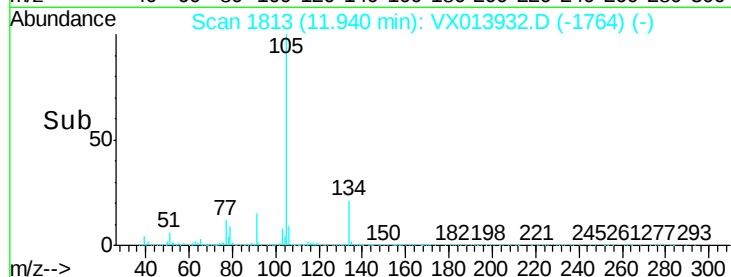
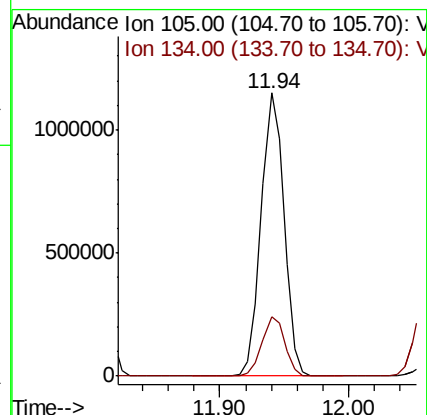
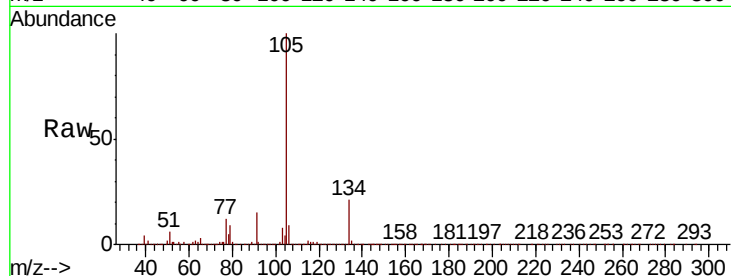
134 21.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 49.442 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

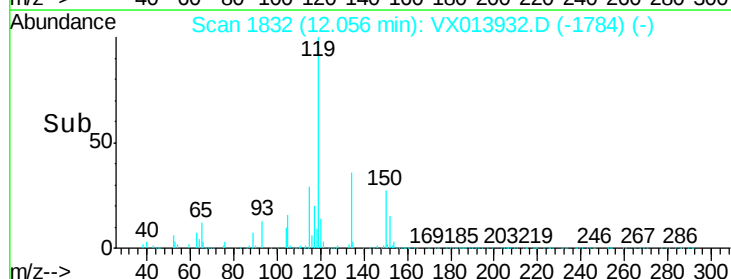
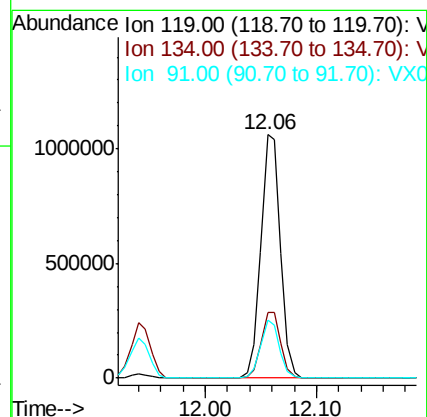
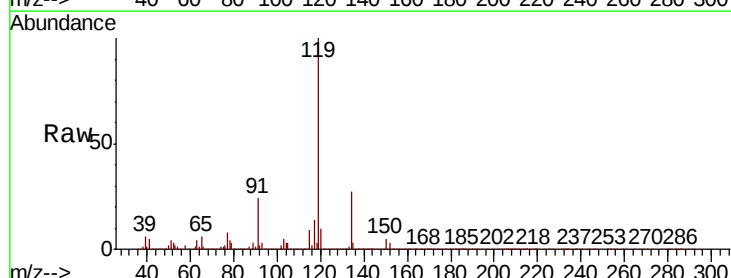
Tgt Ion:119 Resp: 1299029

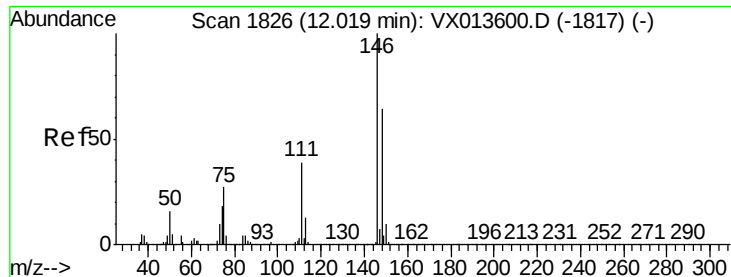
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 22.7 11.3 33.8





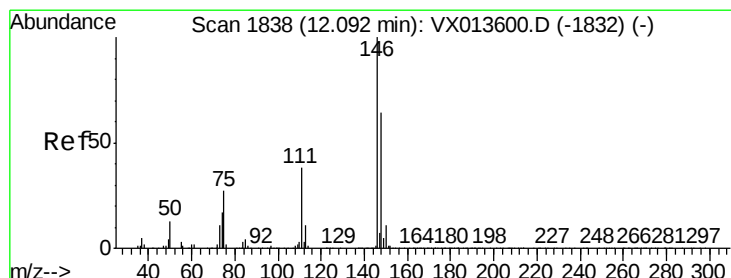
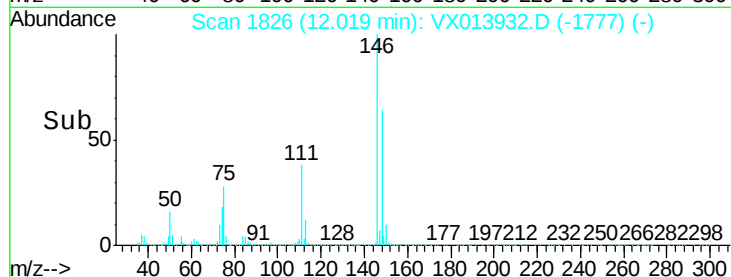
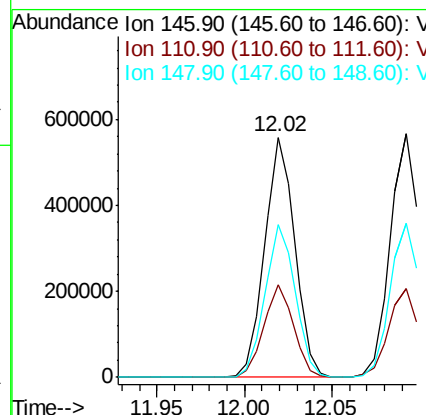
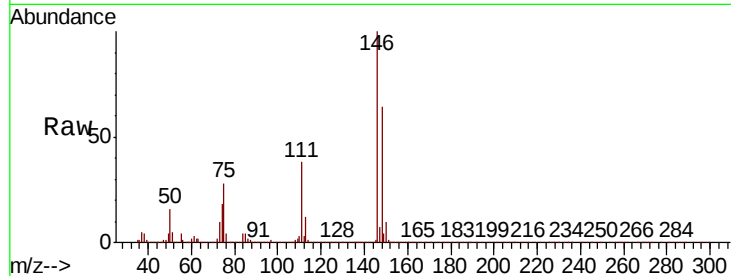
#87
 1,3-Dichlorobenzene
 Concen: 47.899 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013932.D
 Acq: 11 Dec 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.0	31.8	95.4

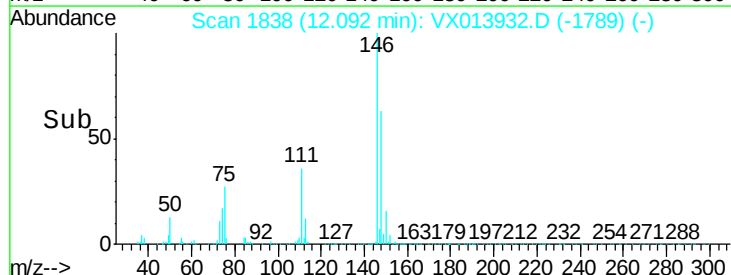
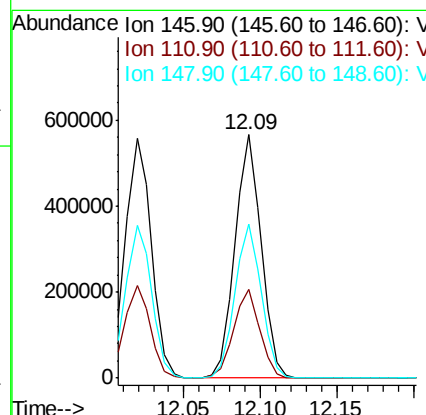
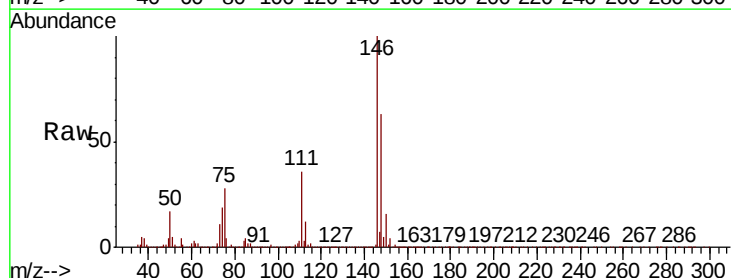
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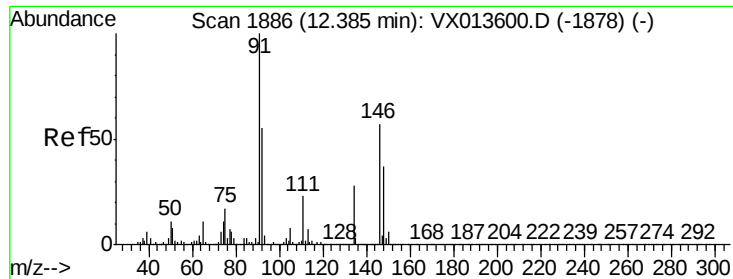
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#88
 1,4-Dichlorobenzene
 Concen: 46.929 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013932.D
 Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	63.9	31.9	95.5





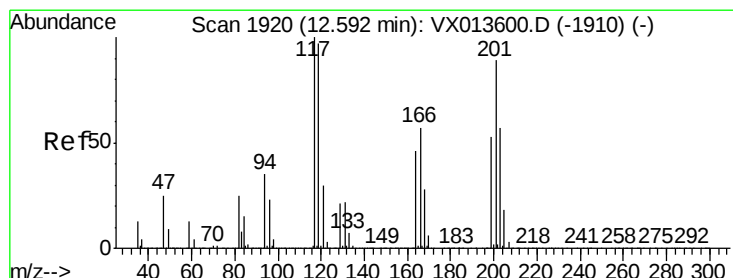
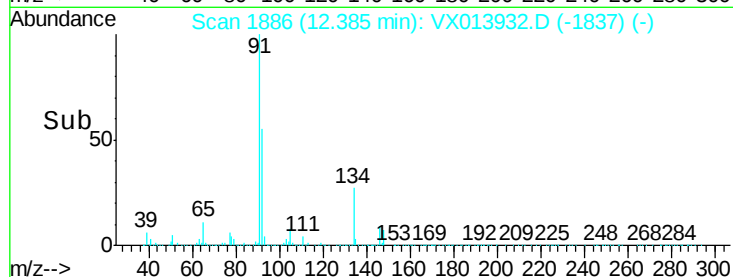
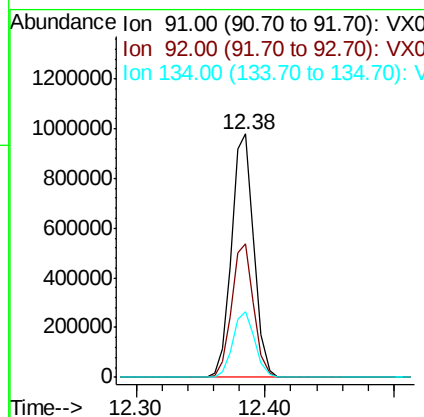
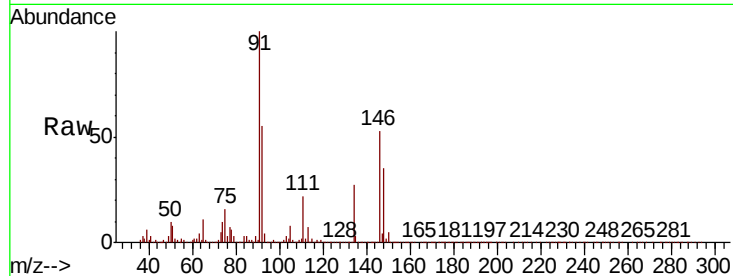
#89
n-Butylbenzene
Concen: 52.976 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1187124
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 26.6 13.5 40.4

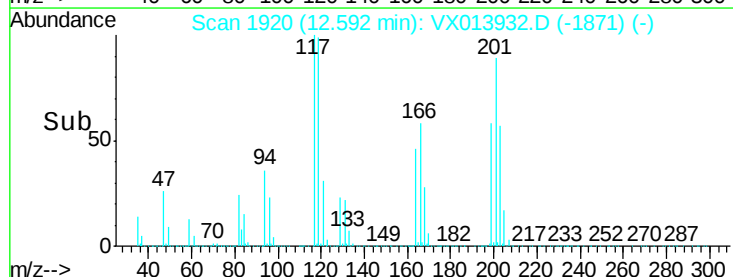
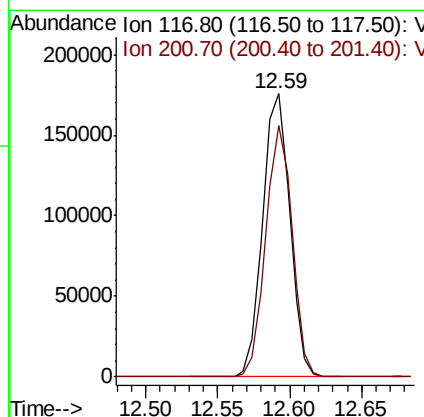
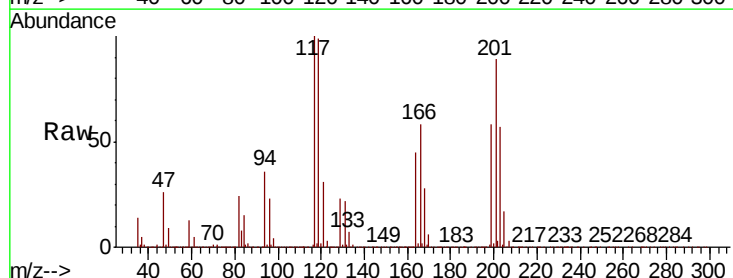
Manual Integrations
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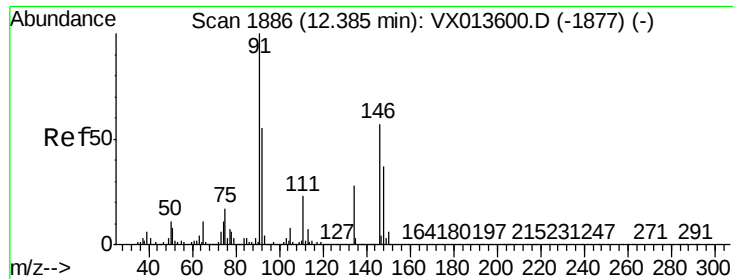
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#90
Hexachloroethane
Concen: 48.066 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion: 117 Resp: 228267
Ion Ratio Lower Upper
117 100
201 86.7 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 47.270 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Instrument :

MSVOA_X

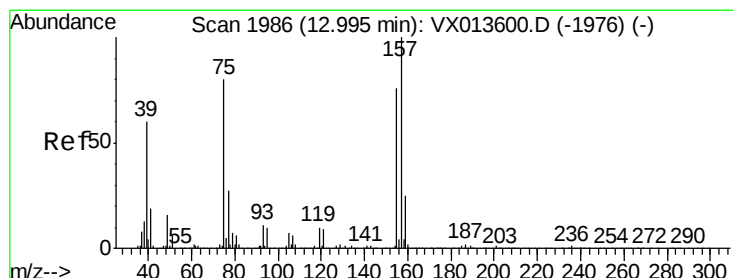
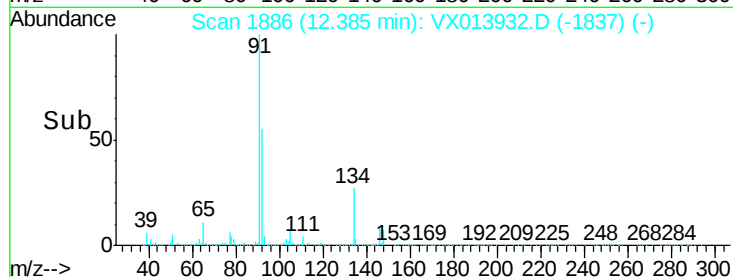
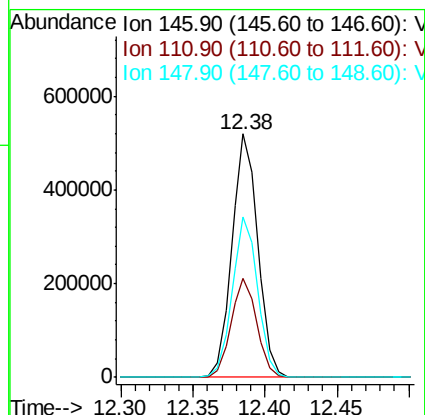
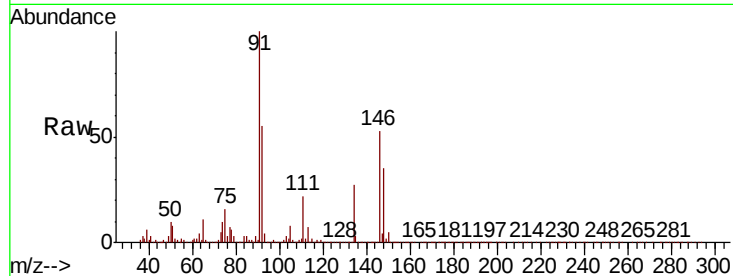
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	652890
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.6	58.7
148	64.7	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.026 ug/l

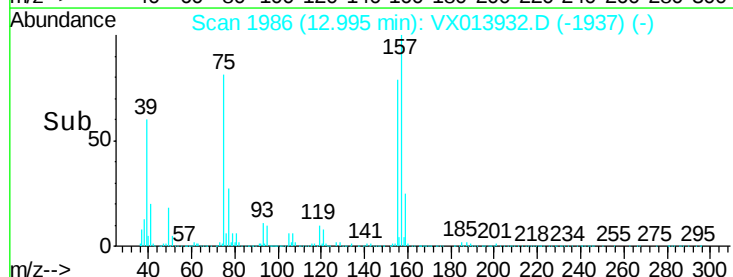
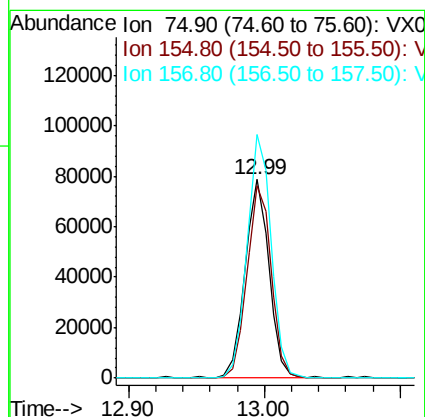
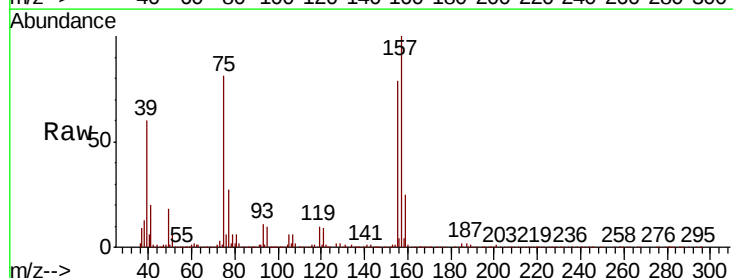
RT: 12.99 min Scan# 1986

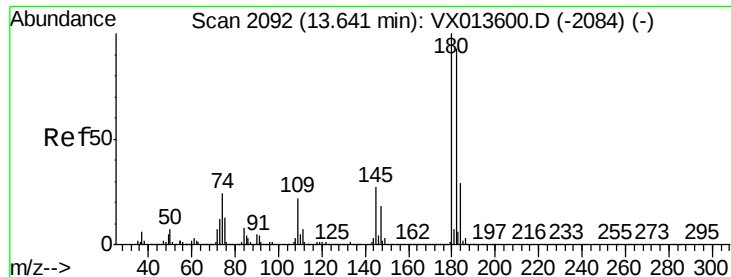
Delta R.T. -0.00 min

Lab File: VX013932.D

Acq: 11 Dec 2019 09:58

Tgt Ion:	75	Resp:	96454
Ion Ratio	Lower	Upper	
75	100		
155	98.6	47.6	142.8
157	124.2	62.1	186.2





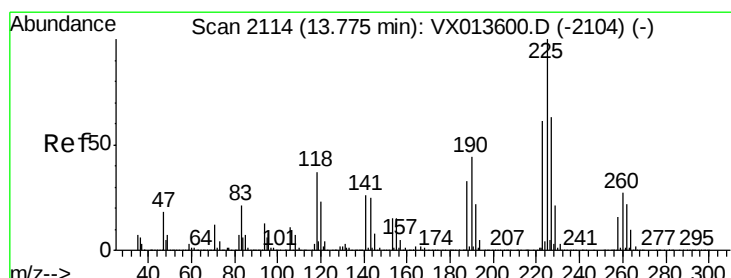
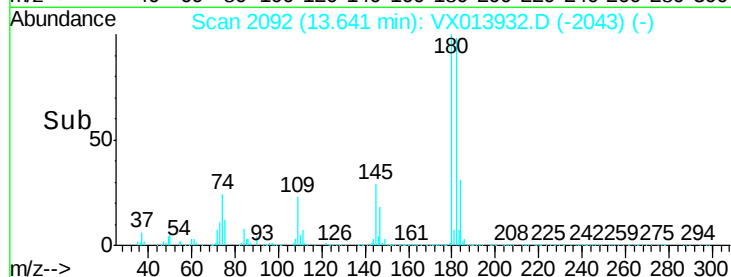
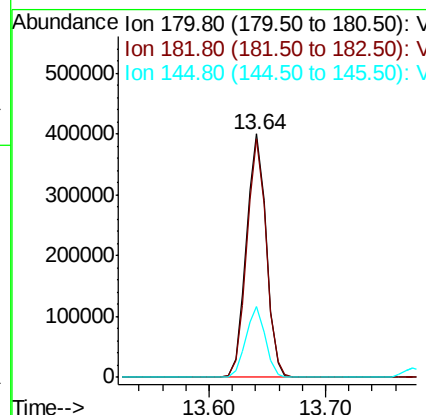
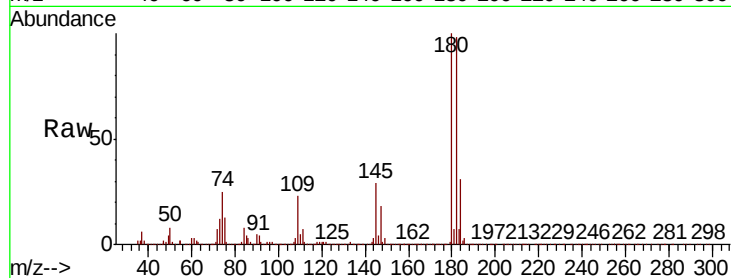
#93
1,2,4-Trichlorobenzene
Concen: 49.671 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	478132		
182	96.3	47.2	141.6	
145	28.4	13.8	41.4	

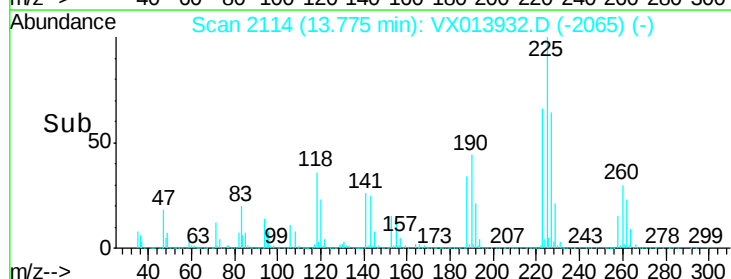
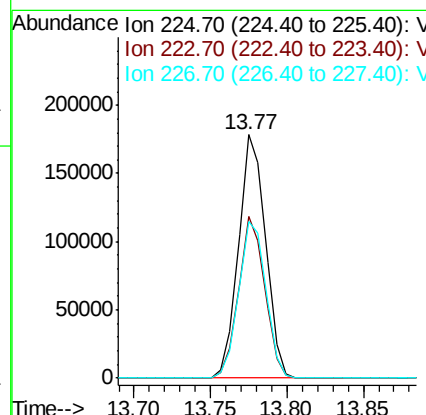
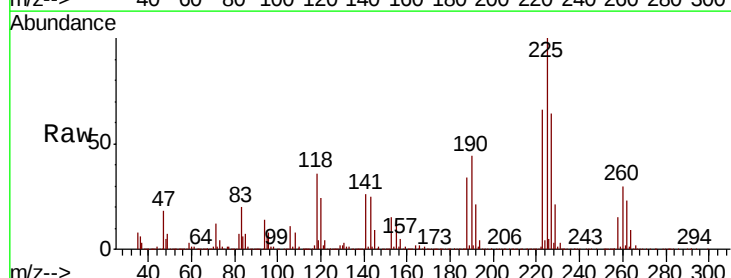
Manual Integrations
APPROVED

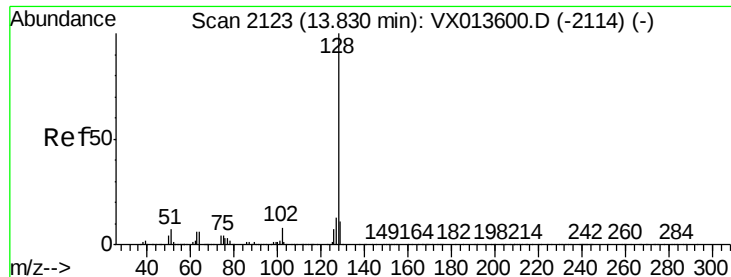
apatel
12/12/2019 9:26:28 AM



#94
Hexachlorobutadiene
Concen: 47.239 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	218440		
223	64.4	31.9	95.5	
227	64.8	32.1	96.3	





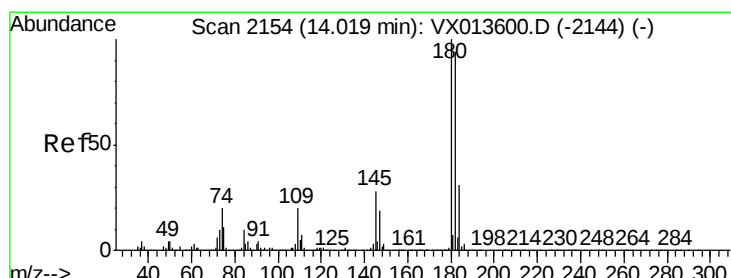
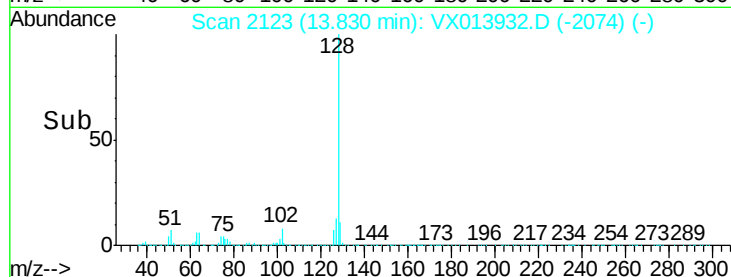
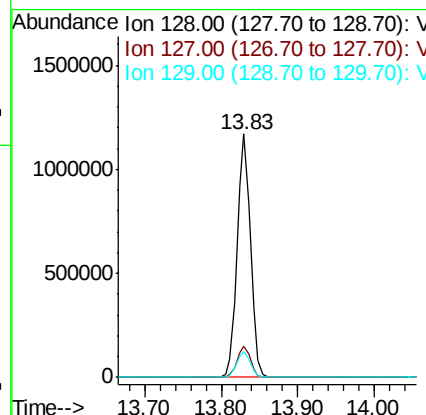
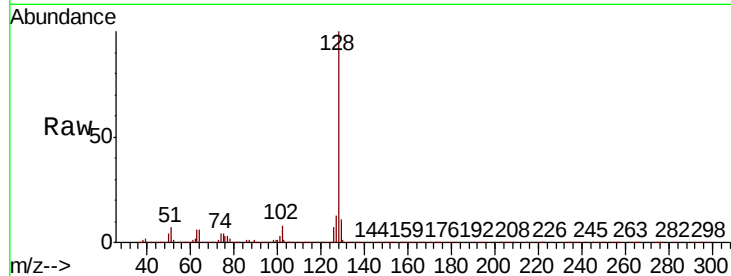
#95
Naphthalene
Concen: 48.938 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

apatel
12/12/2019 9:26:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.803 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013932.D
Acq: 11 Dec 2019 09:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.8
145	30.4	15.0	45.0

