

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013716.D
 Acq On : 03 Dec 2019 11:30
 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
 12/4/2019 1:51:53 PM

Quant Time: Dec 03 14:43:51 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	643137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	982423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	451513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	371981	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	5.48	113	301437	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	1147841	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	425583	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	345551	48.271	ug/l	98
3) Chloromethane	1.32	50	373367	46.483	ug/l	99
4) Vinyl Chloride	1.40	62	439509	48.615	ug/l	100
5) Bromomethane	1.63	94	257853	42.470	ug/l	99
6) Chloroethane	1.71	64	241434	46.930	ug/l	97
7) Trichlorofluoromethane	1.92	101	463163	46.138	ug/l	98
8) Diethyl Ether	2.18	74	231029	50.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	291927	47.609	ug/l	99
10) Methyl Iodide	2.50	142	337185	45.459	ug/l	99
11) Tert butyl alcohol	3.03	59	386550	209.774	ug/l	99
12) 1,1-Dichloroethene	2.36	96	285012	46.567	ug/l	99
13) Acrolein	2.28	56	286625	233.004	ug/l	100
14) Allyl chloride	2.72	41	554565	49.928	ug/l	100
15) Acrylonitrile	3.12	53	936013	246.083	ug/l	99
16) Acetone	2.43	43	1068013	289.768	ug/l	99
17) Carbon Disulfide	2.56	76	789942	45.275	ug/l	100
18) Methyl Acetate	2.76	43	541999	52.809	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	1048107	51.692	ug/l	98
20) Methylene Chloride	2.84	84	343894	48.566	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	317850	47.670	ug/l	99
22) Diisopropyl ether	3.84	45	1116068	52.183	ug/l	93
23) Vinyl Acetate	3.80	43	4651556	261.439	ug/l	100
24) 1,1-Dichloroethane	3.69	63	584399	49.984	ug/l	99
25) 2-Butanone	4.65	43	1437375	262.404	ug/l	100
26) 2,2-Dichloropropane	4.57	77	471298	48.721	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	371049	48.458	ug/l	99
28) Bromochloromethane	5.00	49	259059	56.071	ug/l	97
29) Tetrahydrofuran	5.11	42	842111	249.378	ug/l	99
30) Chloroform	5.20	83	571777	48.222	ug/l	98
31) Cyclohexane	5.56	56	522142	47.348	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	472029	47.638	ug/l	100
36) 1,1-Dichloropropene	5.79	75	426143	47.785	ug/l	100
37) Ethyl Acetate	4.81	43	504118	50.389	ug/l	100
38) Carbon Tetrachloride	5.77	117	406508	49.435	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	532910	48.344	ug/l	99
40) Benzene	6.13	78	1324998	48.783	ug/l	100
41) Methacrylonitrile	5.02	41	286401	52.199	ug/l	99
42) 1,2-Dichloroethane	6.18	62	469877	50.726	ug/l	99
43) Isopropyl Acetate	6.43	43	843552	51.215	ug/l	99
44) Trichloroethene	7.20	130	351080	47.098	ug/l	100
45) 1,2-Dichloropropane	7.50	63	350820	51.624	ug/l	99
46) Dibromomethane	7.65	93	229082	49.634	ug/l	99
47) Bromodichloromethane	7.89	83	462925	53.056	ug/l	97
48) Methyl methacrylate	7.76	41	418608	52.308	ug/l	99
49) 1,4-Dioxane	7.73	88	154574	862.908	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2607247	251.654	ug/l	99
52) Toluene	8.78	92	831151	49.258	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	531403	53.507	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	575283	53.020	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	348423	51.241	ug/l	98
56) Ethyl methacrylate	9.17	69	571898	52.313	ug/l	100
57) 1,3-Dichloropropane	9.36	76	591279	50.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1108783	258.684	ug/l	99
59) 2-Hexanone	9.48	43	2060600	255.013	ug/l	99
60) Dibromochloromethane	9.57	129	375255	53.177	ug/l	99
61) 1,2-Dibromoethane	9.67	107	368414	50.729	ug/l	98
64) Tetrachloroethene	9.33	164	319519	48.048	ug/l	98
65) Chlorobenzene	10.14	112	894926	48.338	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	338129	50.860	ug/l	100
67) Ethyl Benzene	10.25	91	1588355	49.926	ug/l	99
68) m/p-Xylenes	10.35	106	1200016	98.521	ug/l	99
69) o-Xylene	10.70	106	589305	49.607	ug/l	99
70) Styrene	10.71	104	1023758	51.231	ug/l	100
71) Bromoform	10.85	173	294849	53.600	ug/l #	100
73) Isopropylbenzene	11.01	105	1543804	48.744	ug/l	100
74) N-amyl acetate	10.89	43	754269	51.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	547444	49.842	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	520044m	51.209	ug/l	
77) Bromobenzene	11.25	156	407604	47.638	ug/l	98
78) n-propylbenzene	11.35	91	1762037	49.837	ug/l	100
79) 2-Chlorotoluene	11.42	91	1042284	49.144	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1302802	50.189	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	196370	52.902	ug/l	96
82) 4-Chlorotoluene	11.51	91	1209197	49.225	ug/l	99
83) tert-Butylbenzene	11.76	119	1300893	49.312	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1307834	49.643	ug/l	100
85) sec-Butylbenzene	11.94	105	1500503	49.796	ug/l	100
86) p-Isopropyltoluene	12.06	119	1386444	49.458	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	730980	49.010	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	724072	47.662	ug/l	99
89) n-Butylbenzene	12.39	91	1220972	51.068	ug/l	100
90) Hexachloroethane	12.59	117	252423	49.818	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	731815	49.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	115864	48.441	ug/l	99

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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	503896	49.063	ug/l	99
94) Hexachlorobutadiene	13.78	225	236329	47.901	ug/l	100
95) Naphthalene	13.83	128	1586794	51.881	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	512688	50.417	ug/l	99

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

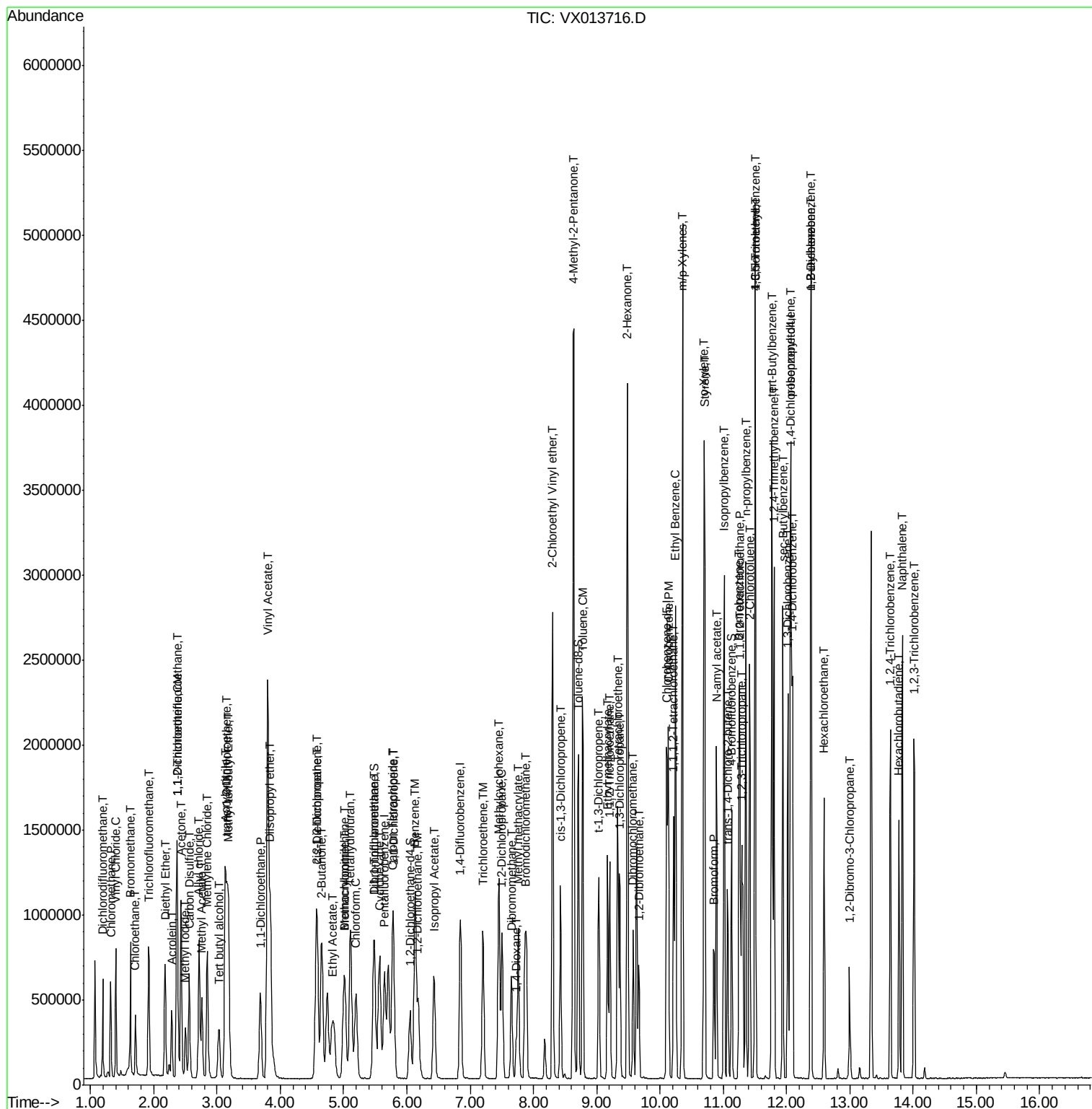
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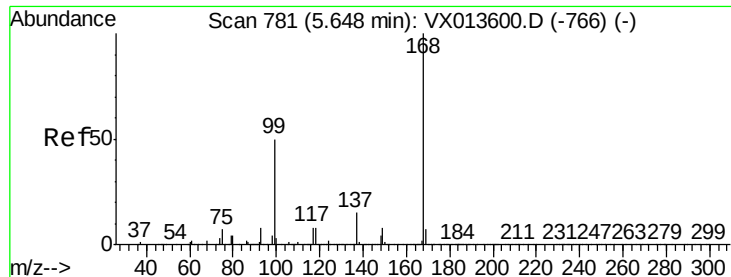
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

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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: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

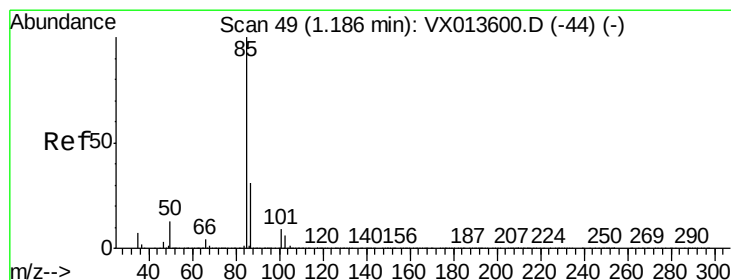
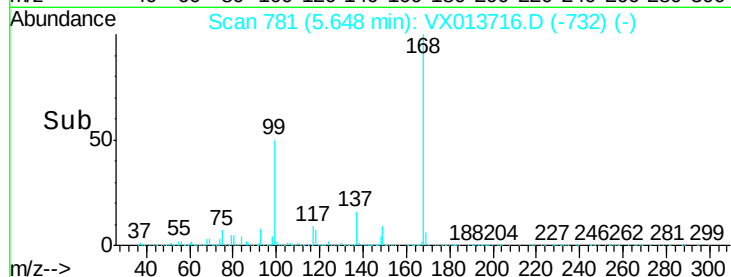
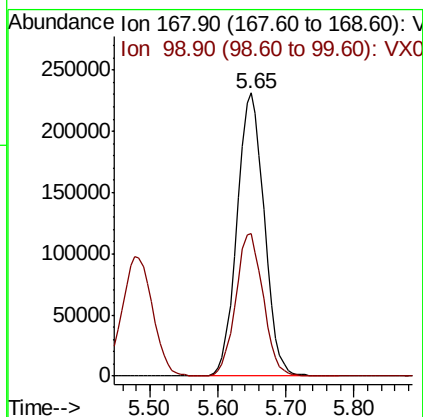
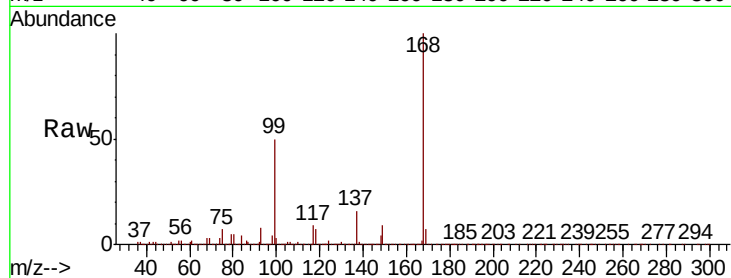
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.8	59.8

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 48.271 ug/l

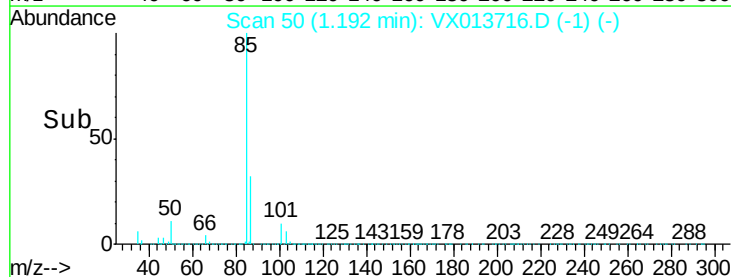
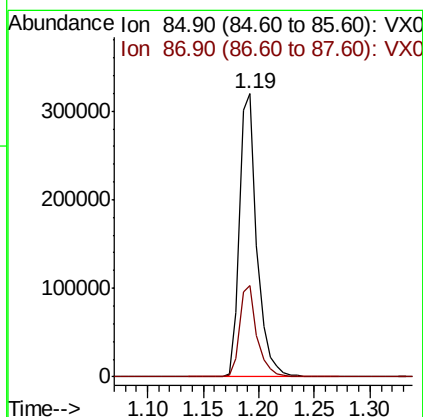
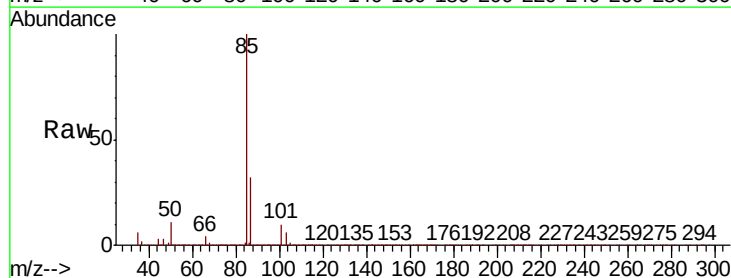
RT: 1.19 min Scan# 50

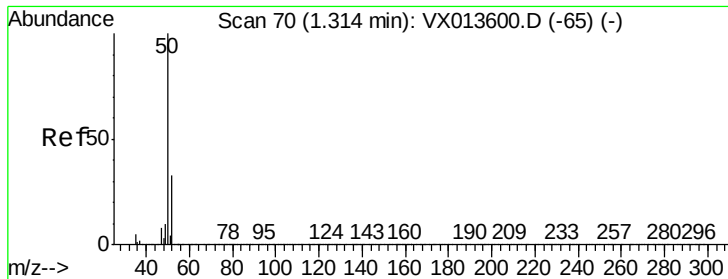
Delta R.T. 0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.7	47.1





#3

Chloromethane

Concen: 46.483 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

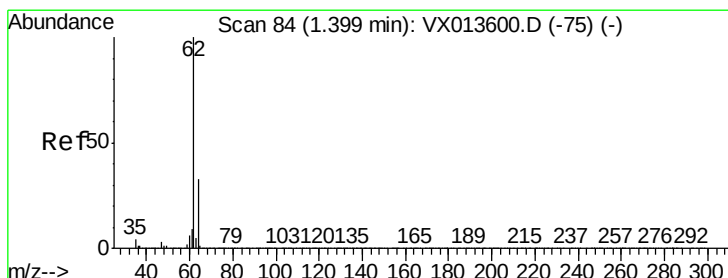
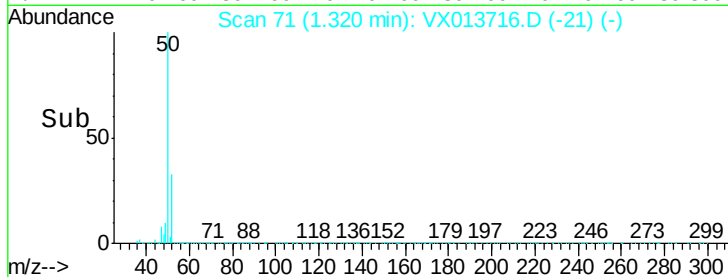
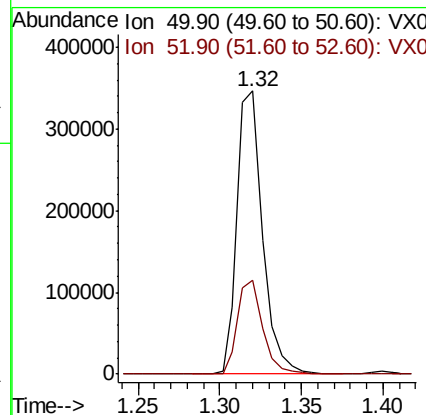
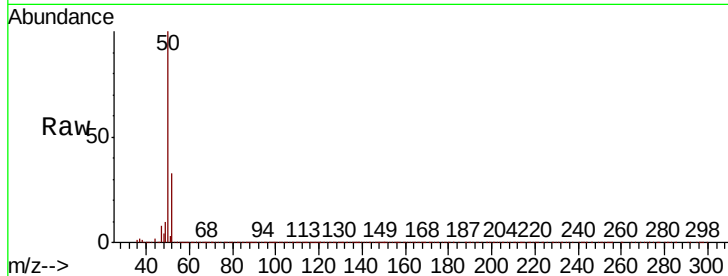
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.0	39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.615 ug/l

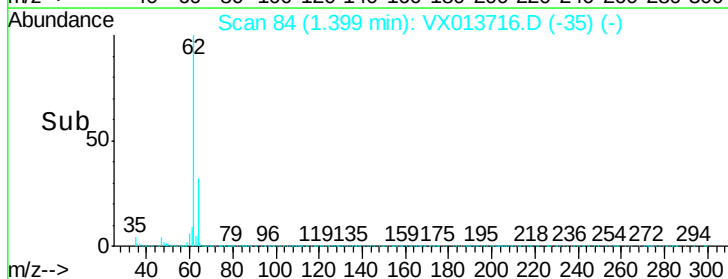
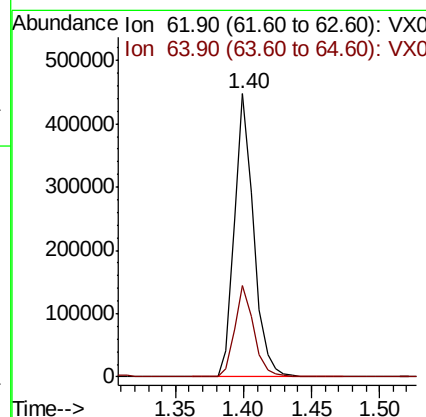
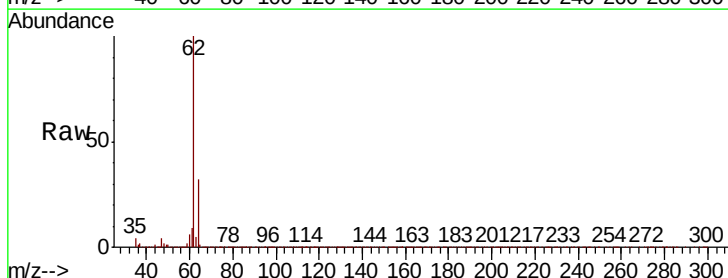
RT: 1.40 min Scan# 84

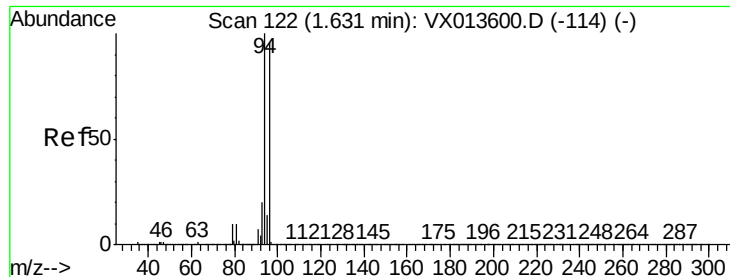
Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	26.0	39.0





#5

Bromomethane

Concen: 42.470 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 257853

Ion Ratio Lower Upper

94 100

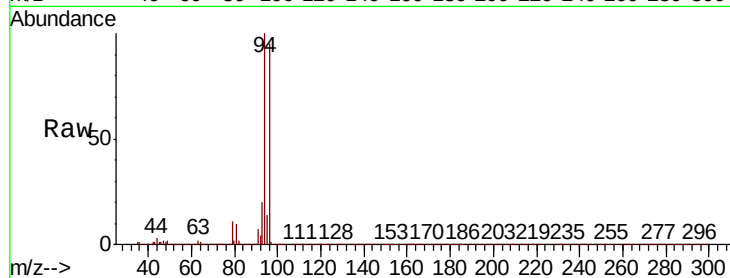
96 95.2 77.0 115.4

Manual Integrations

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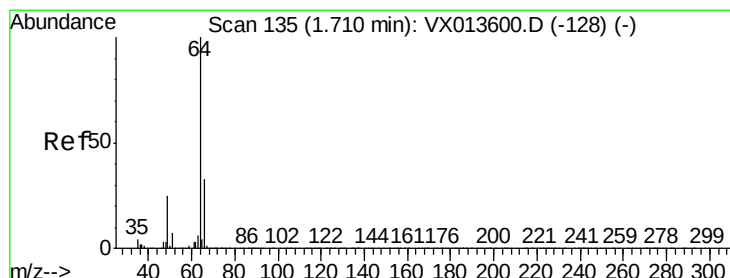
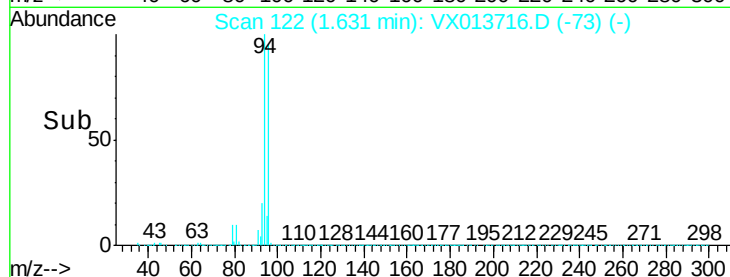
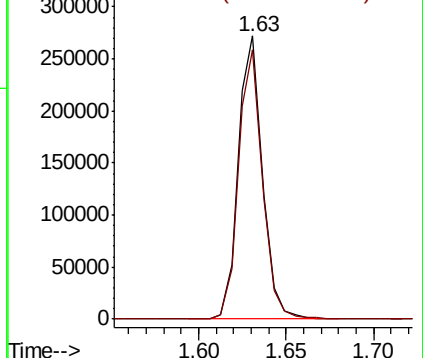
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.930 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013716.D

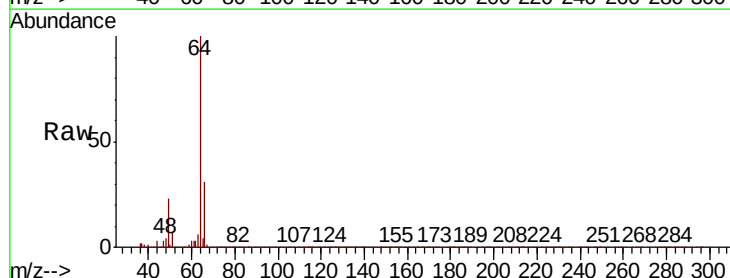
Acq: 03 Dec 2019 11:30

Tgt Ion: 64 Resp: 241434

Ion Ratio Lower Upper

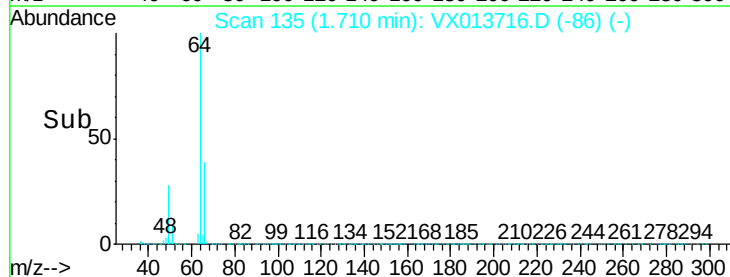
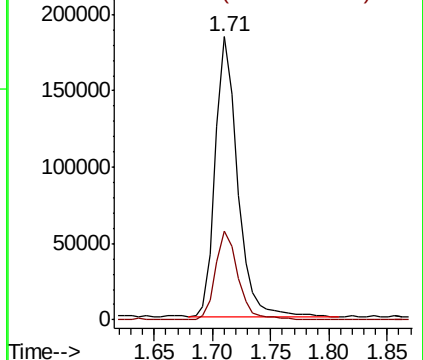
64 100

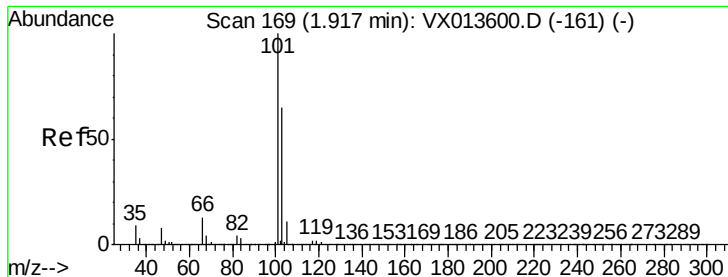
66 31.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

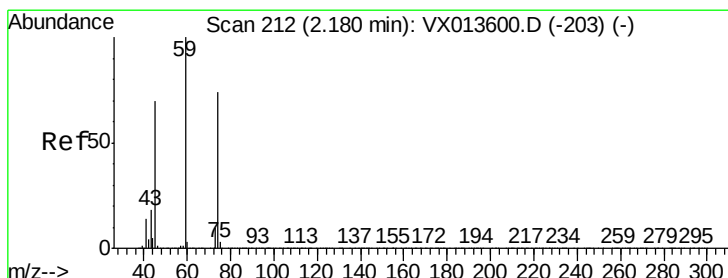
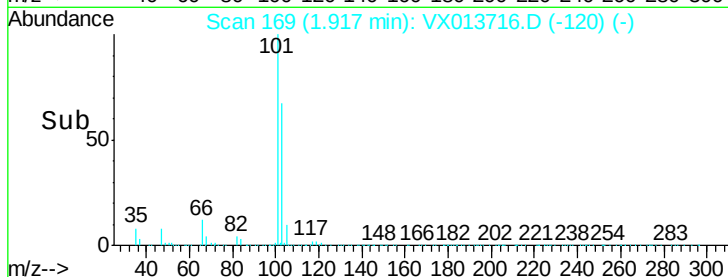
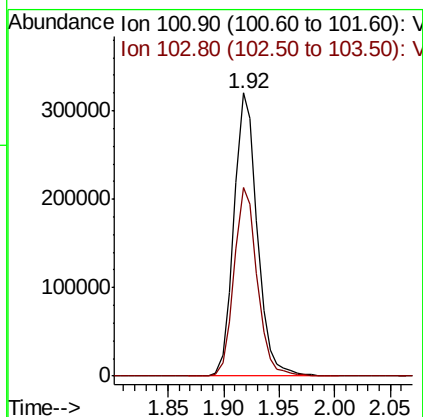
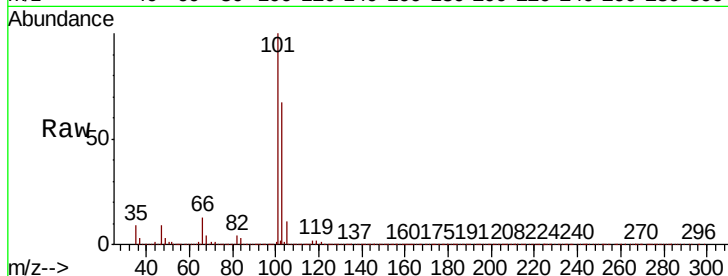
Trichlorofluoromethane
Concen: 46.138 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.8	77.6

Manual Integrations
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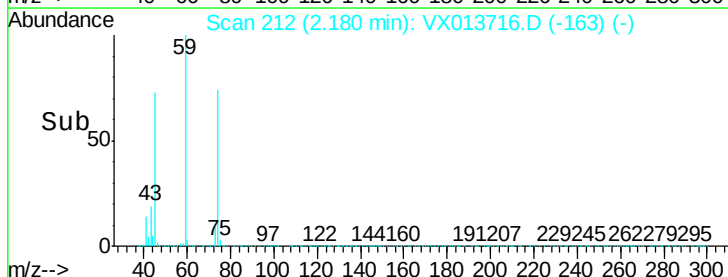
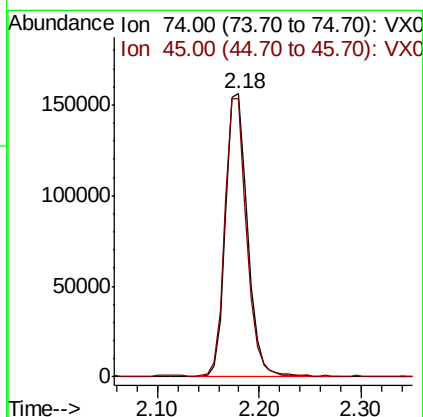
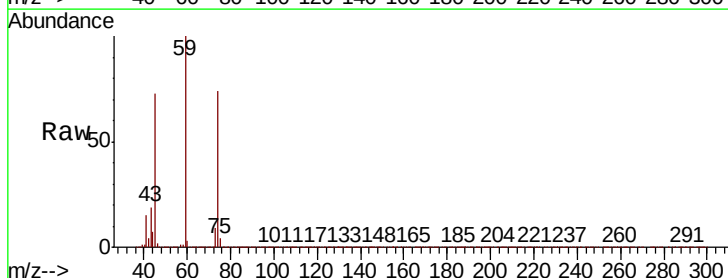
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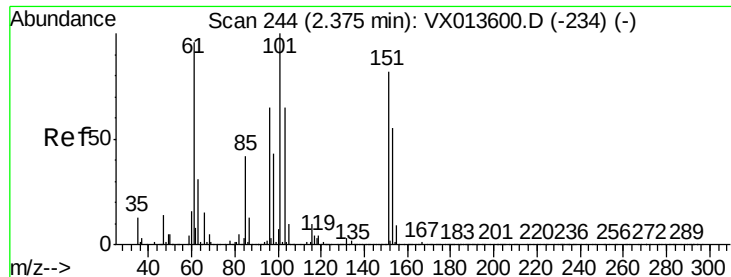


#8

Diethyl Ether
Concen: 50.869 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.609 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

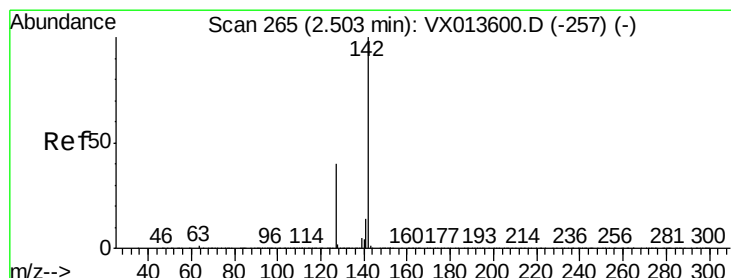
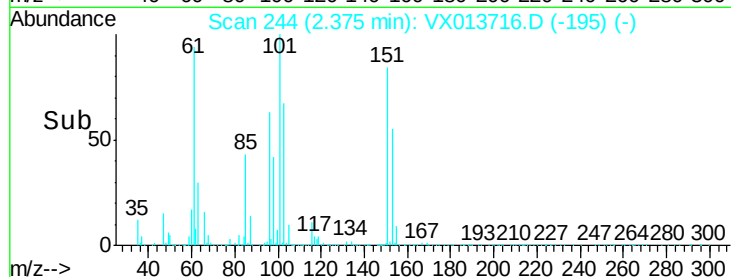
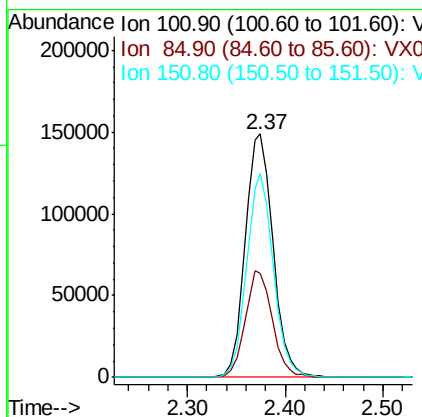
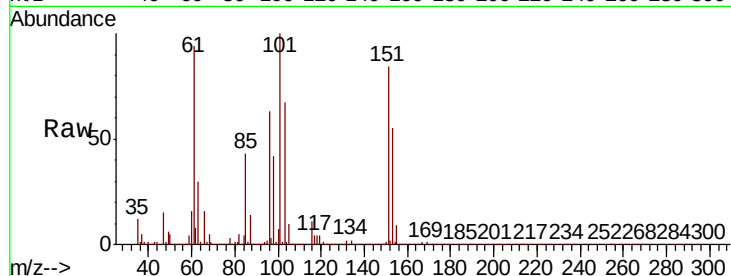
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	291927
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.9	50.9
151	80.9	64.2	96.2

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#10

Methyl Iodide

Concen: 45.459 ug/l

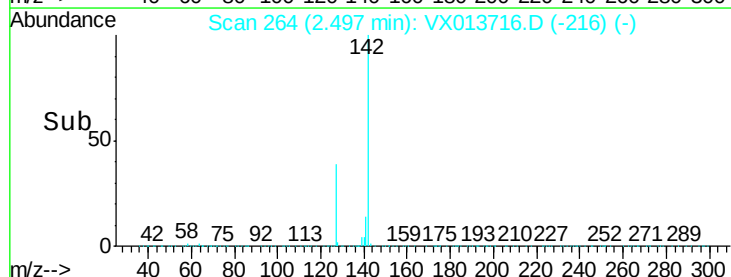
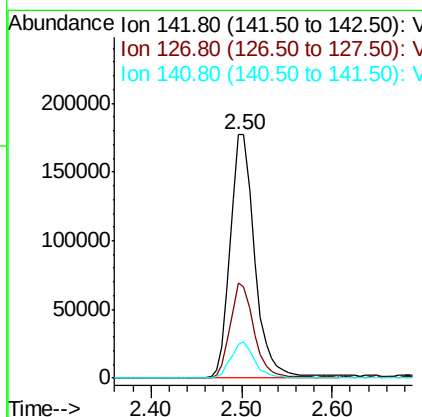
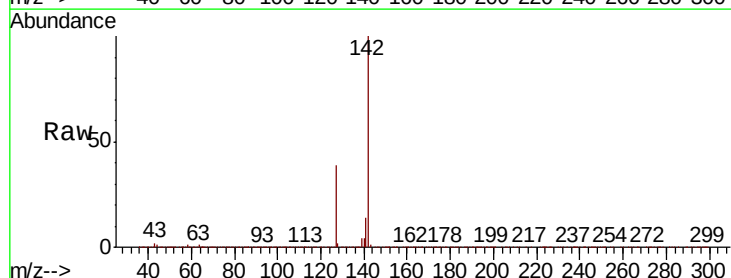
RT: 2.50 min Scan# 264

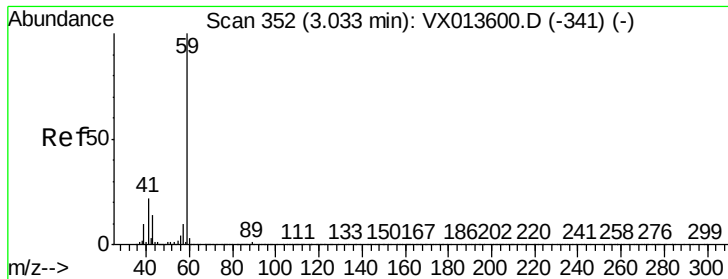
Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	142	Resp:	337185
Ion Ratio	Lower	Upper	
142	100		
127	38.1	31.0	46.4
141	14.3	11.6	17.4





#11

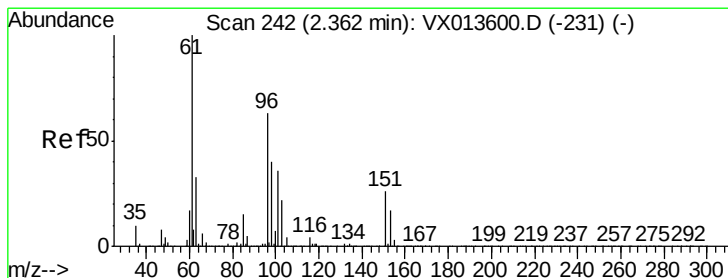
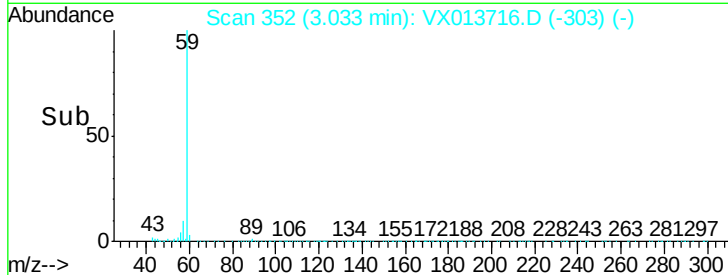
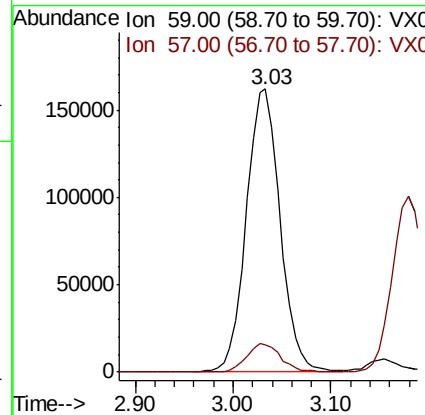
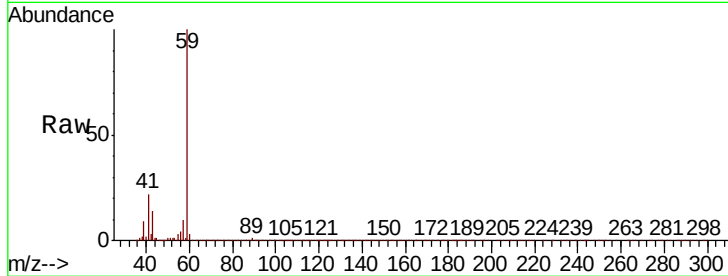
Tert butyl alcohol
Concen: 209.774 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

Manual Integrations
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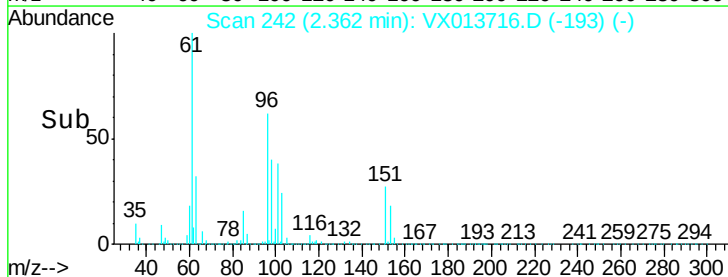
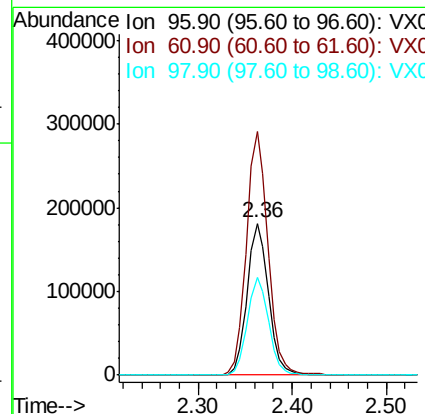
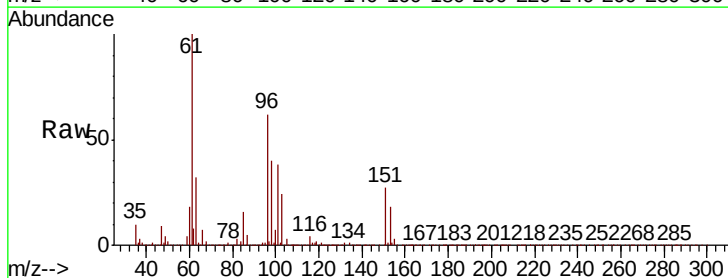
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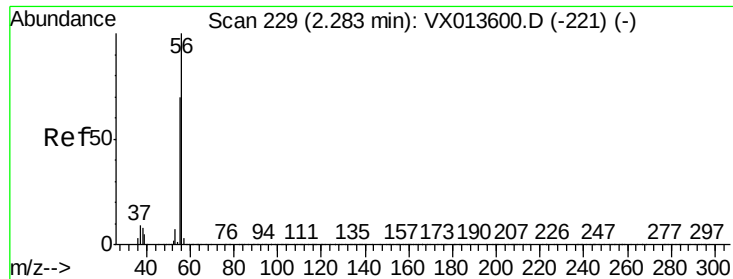


#12

1,1-Dichloroethene
Concen: 46.567 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	126.6	190.0
98	64.0	50.6	76.0





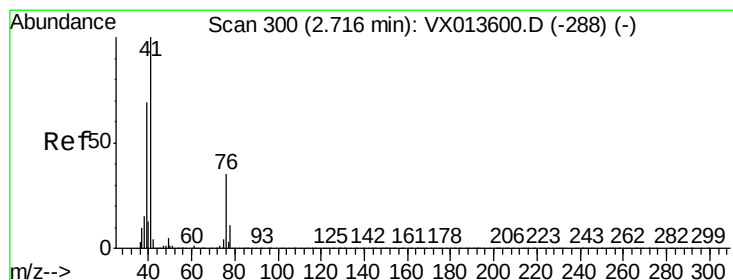
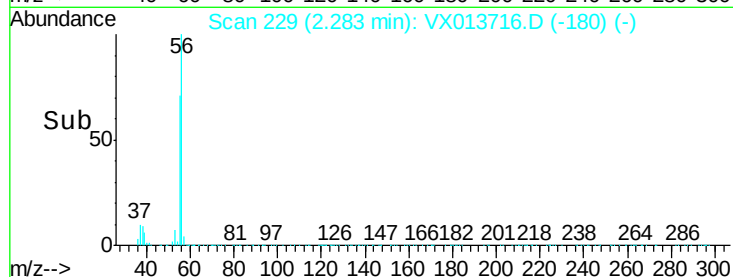
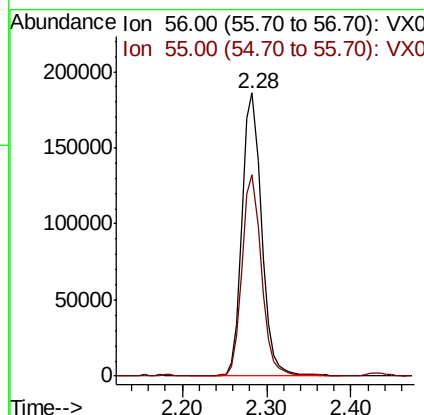
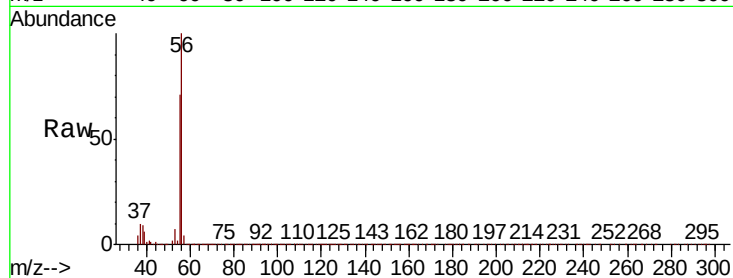
#13
Acrolein
Concen: 233.004 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.4	56.2	84.4

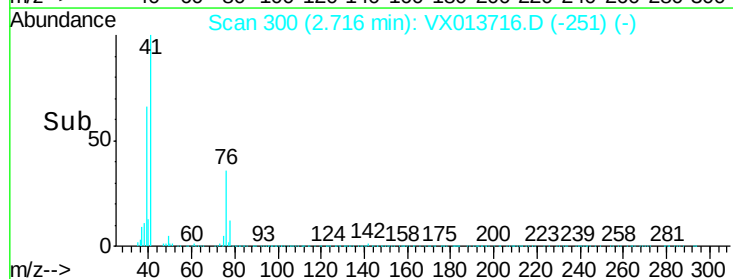
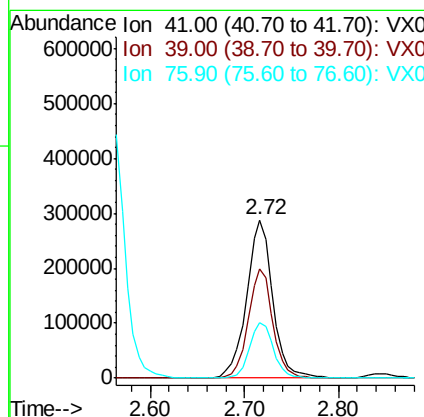
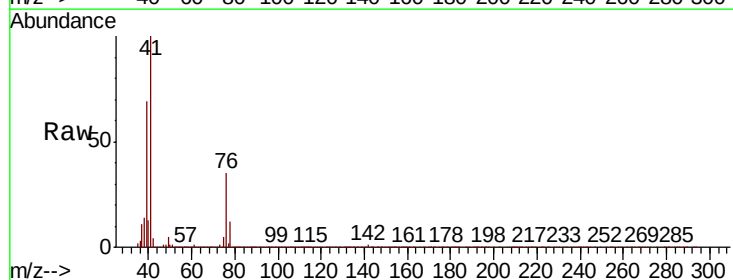
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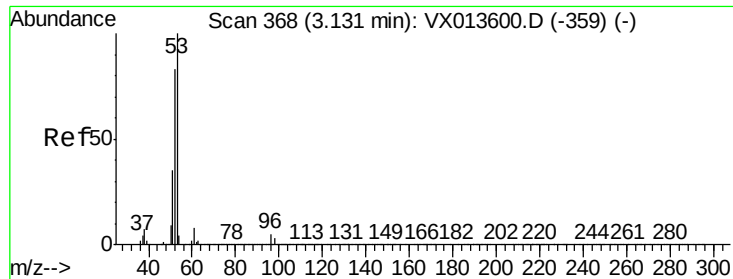
apatel
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#14
Allyl chloride
Concen: 49.928 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.7	51.7	77.5
76	32.0	25.9	38.9





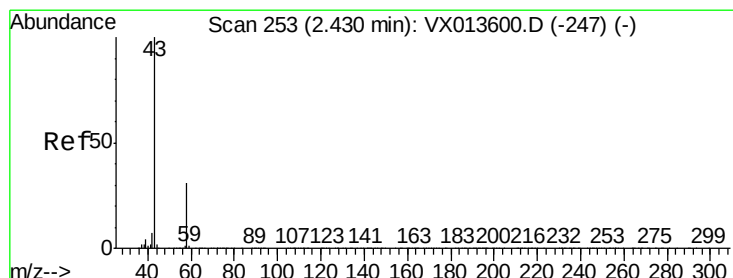
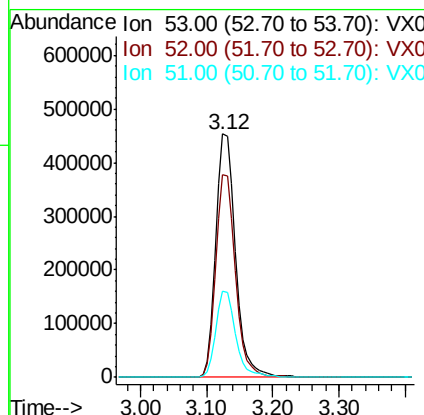
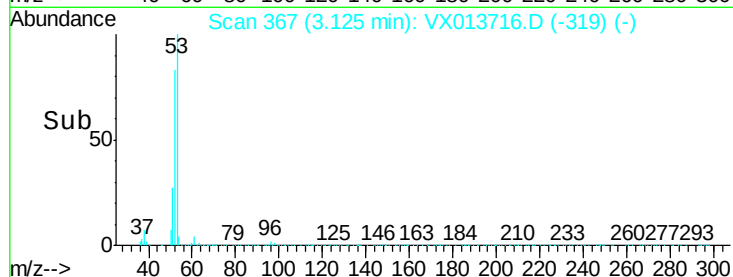
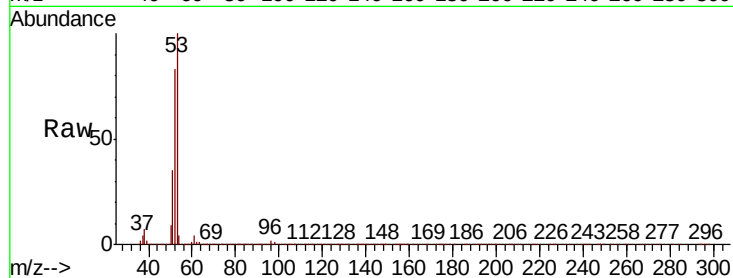
#15
 Acrylonitrile
 Concen: 246.083 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	936013
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.2	99.2
51	35.3	29.0	43.6

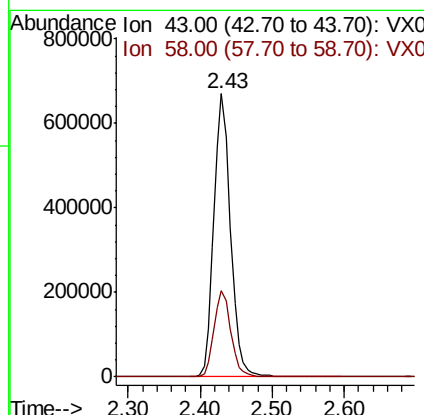
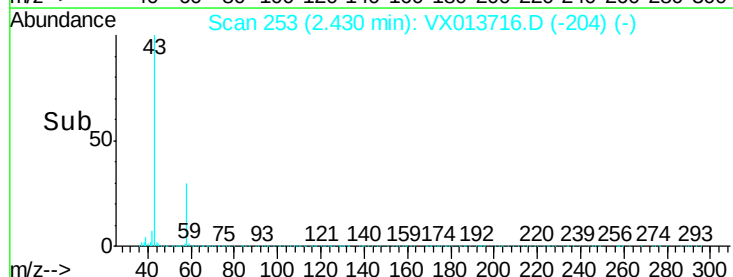
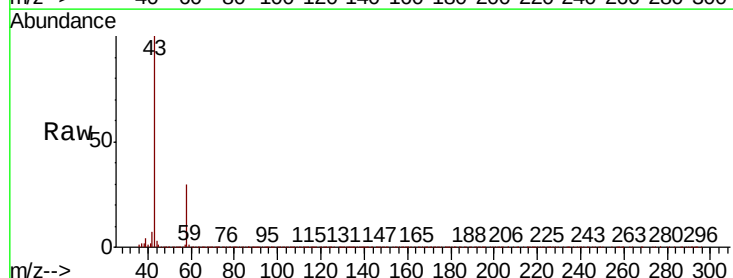
Manual Integrations
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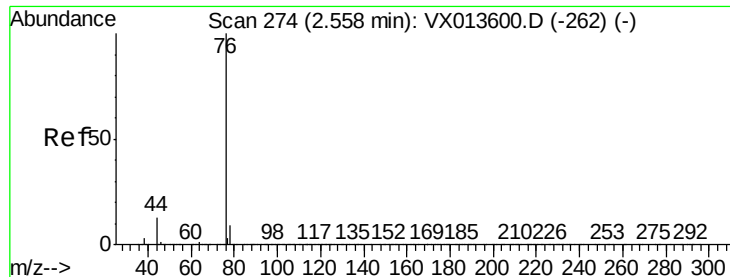
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#16
 Acetone
 Concen: 289.768 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Tgt Ion:	43	Resp:	1068013
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.6	36.8





#17

Carbon Disulfide

Concen: 45.275 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 789942

Ion Ratio Lower Upper

76 100

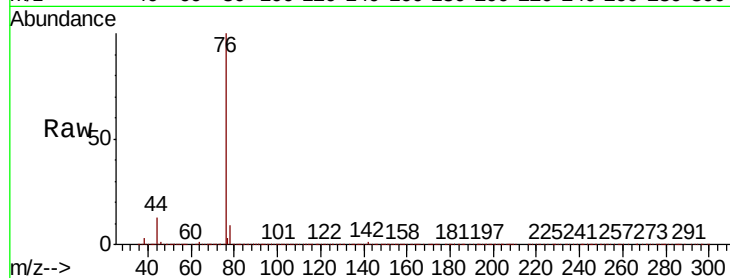
78 9.1 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

500000

400000

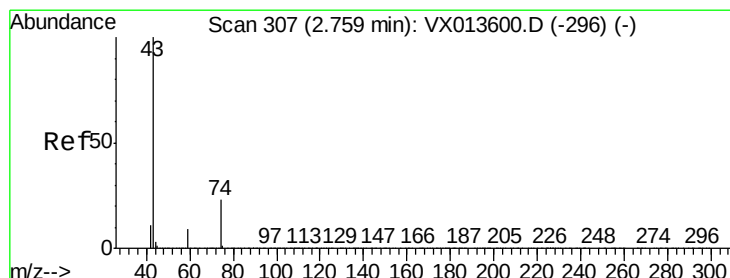
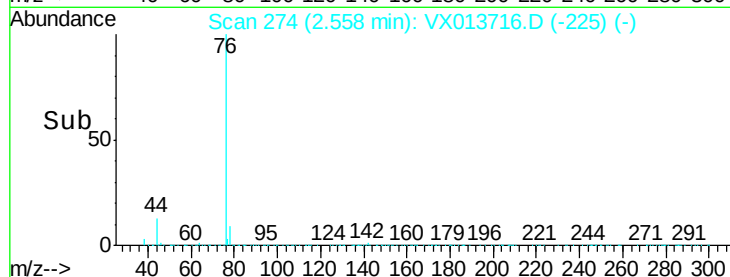
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 52.809 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013716.D

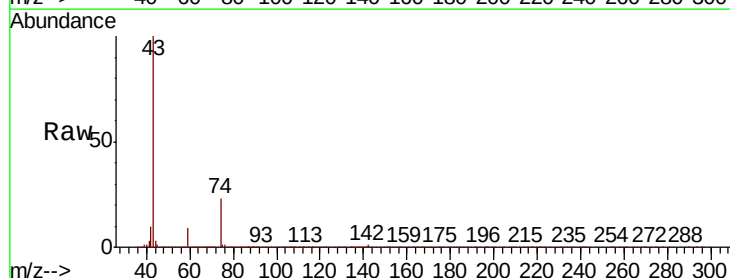
Acq: 03 Dec 2019 11:30

Tgt Ion: 43 Resp: 541999

Ion Ratio Lower Upper

43 100

74 22.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

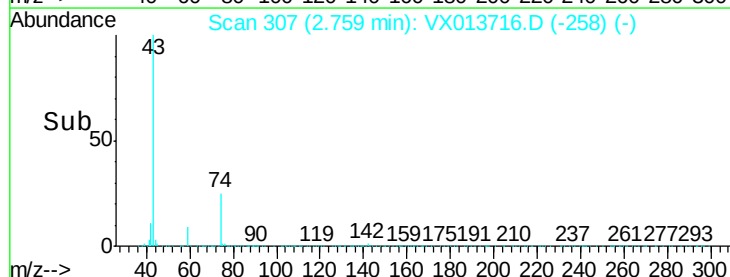
300000

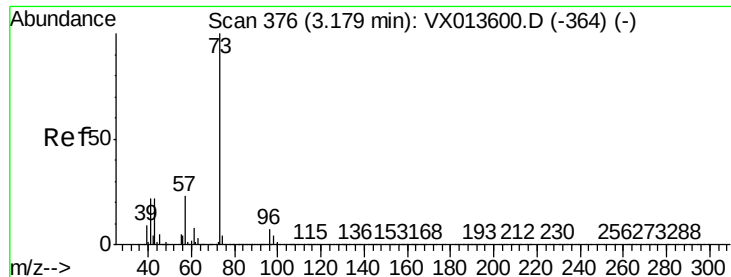
200000

100000

0

Time-->





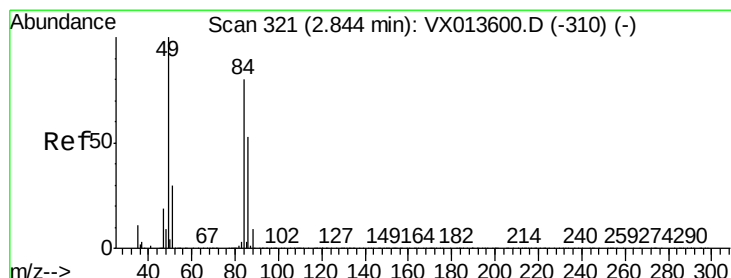
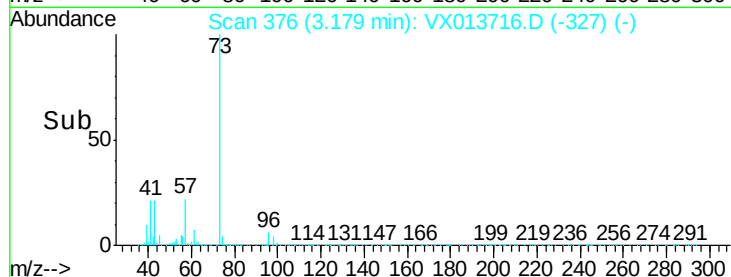
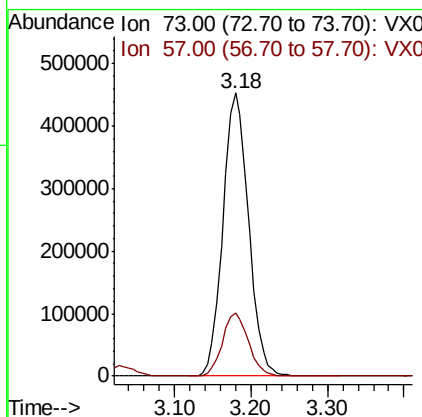
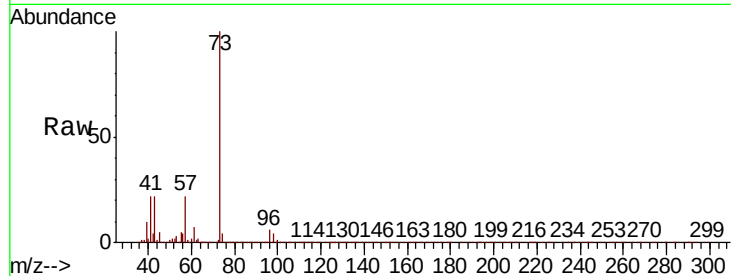
#19
Methyl tert-butyl Ether
Concen: 51.692 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 1048107
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5

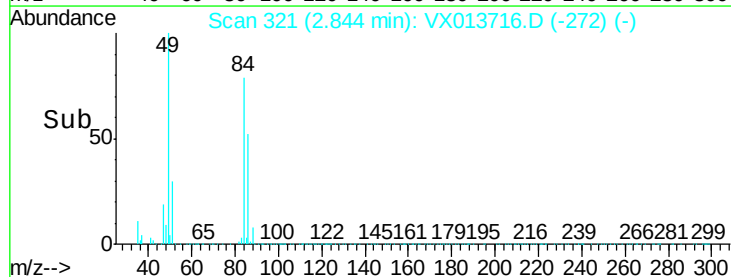
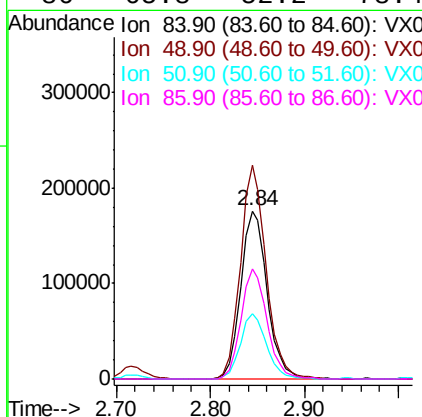
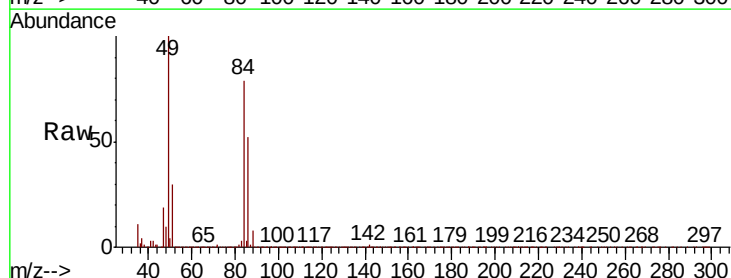
Manual Integrations
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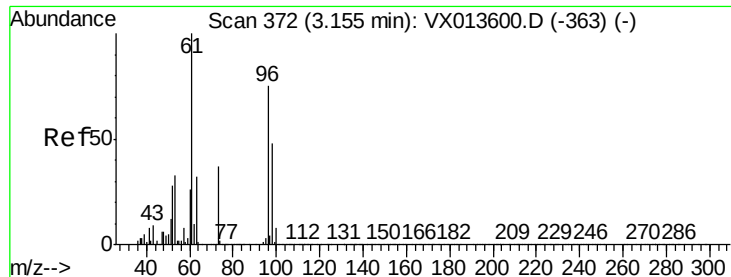
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#20
Methylene Chloride
Concen: 48.566 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion: 84 Resp: 343894
Ion Ratio Lower Upper
84 100
49 126.9 99.7 149.5
51 38.4 29.9 44.9
86 65.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.670 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

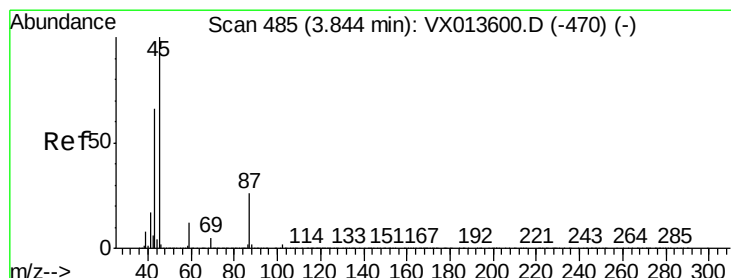
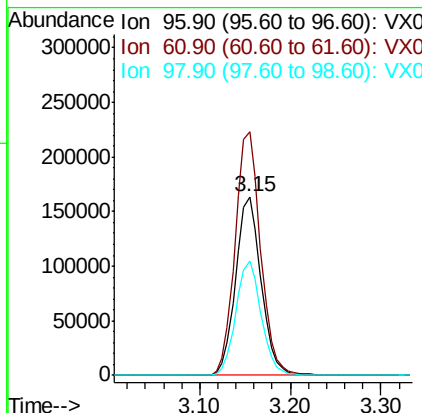
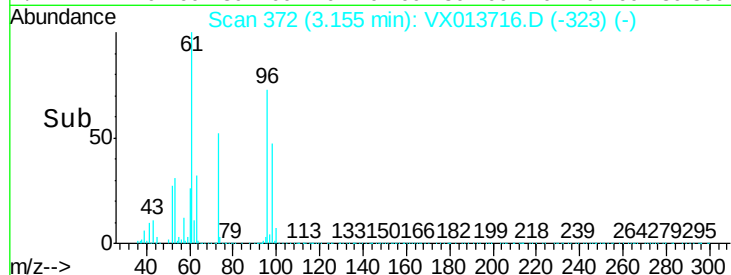
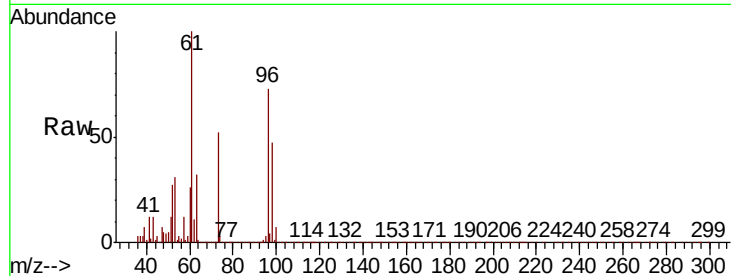
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	317850
Ion	Ratio	Lower	Upper
96	100		
61	136.0	107.2	160.8
98	63.9	51.4	77.0

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#22

Diisopropyl ether

Concen: 52.183 ug/l

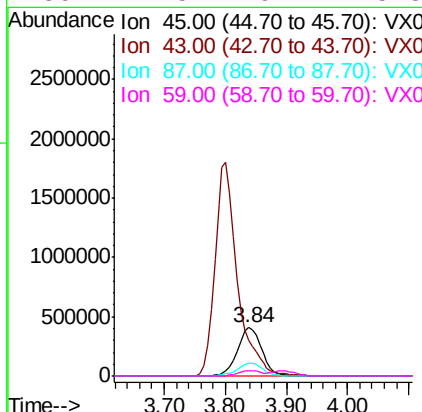
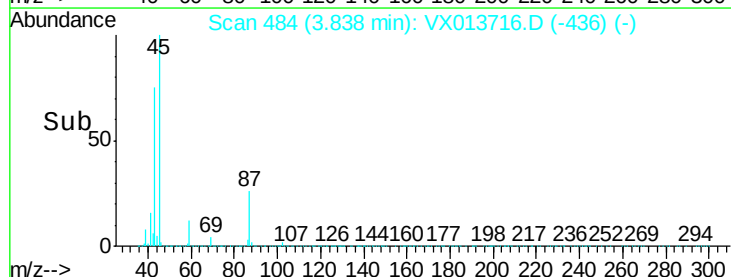
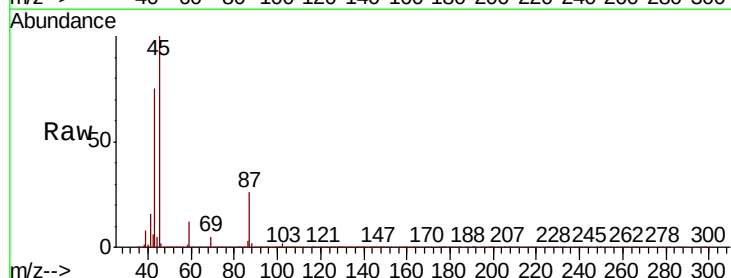
RT: 3.84 min Scan# 484

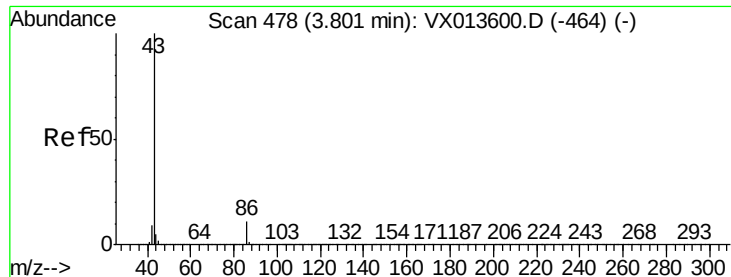
Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	45	Resp:	1116068
Ion	Ratio	Lower	Upper
45	100		
43	75.0	52.6	79.0
87	26.4	21.1	31.7
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 261.439 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4651556

Ion Ratio Lower Upper

43 100

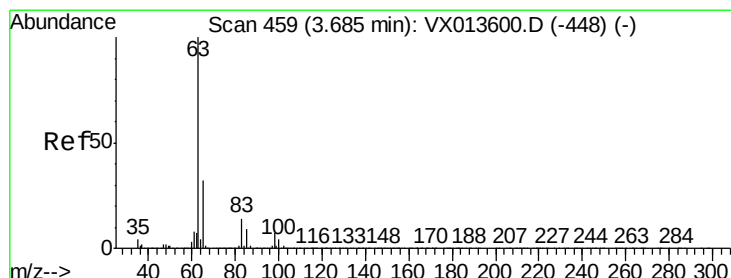
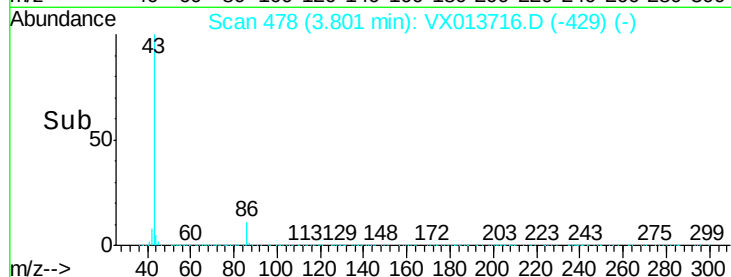
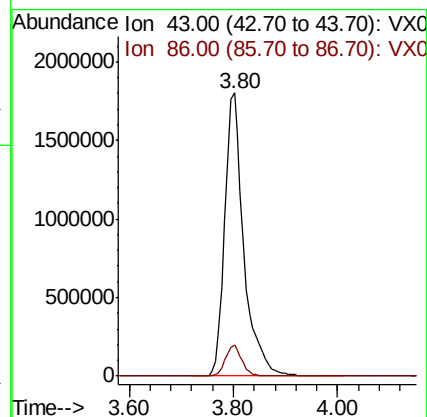
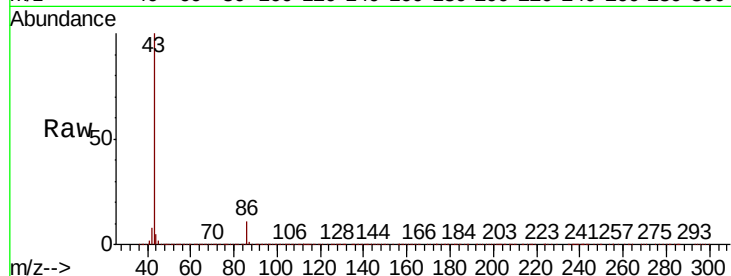
86 10.9 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.984 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

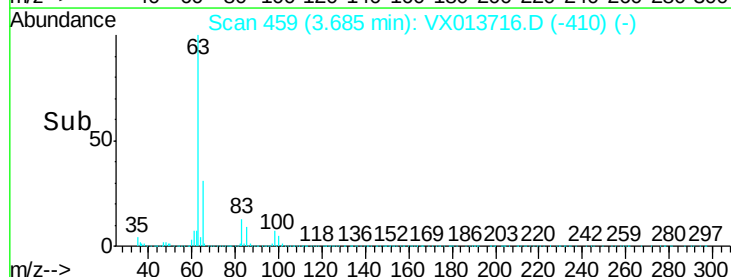
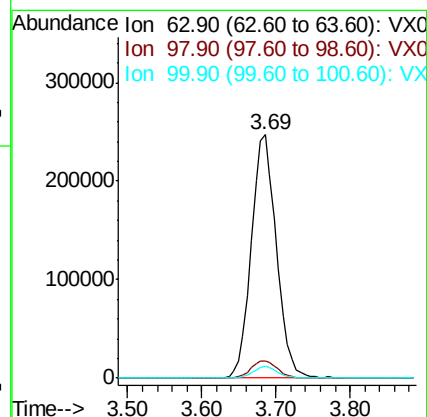
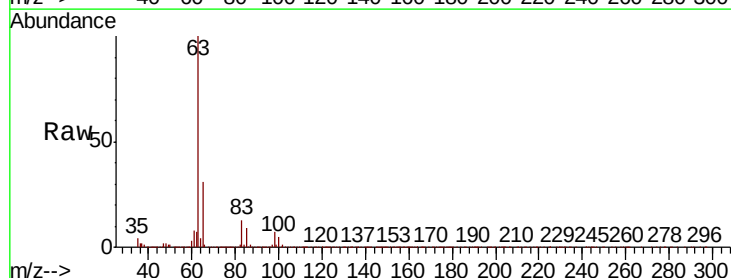
Tgt Ion: 63 Resp: 584399

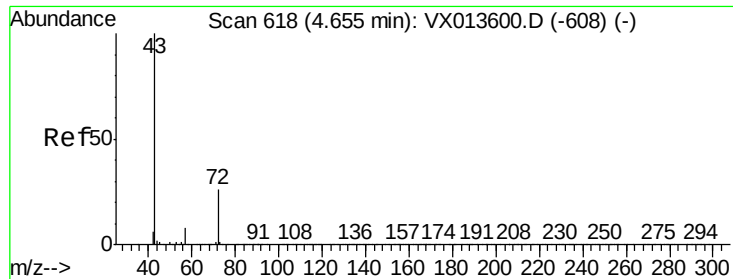
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.6 2.1 6.3





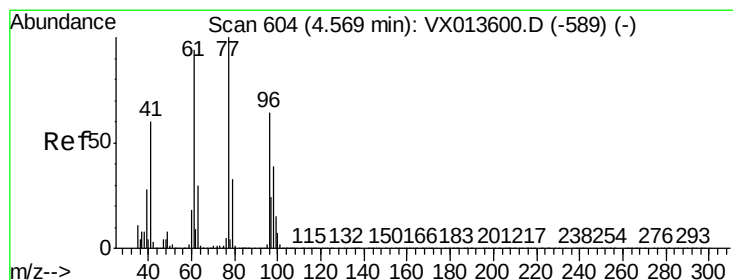
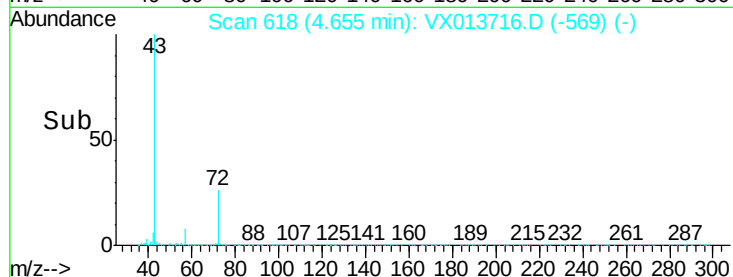
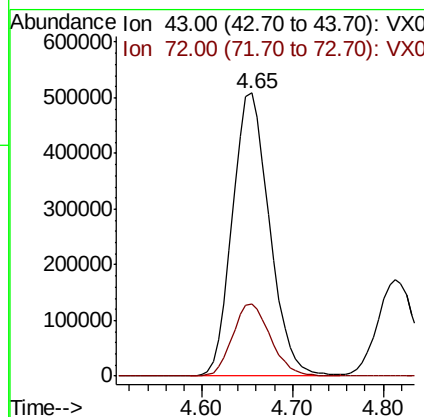
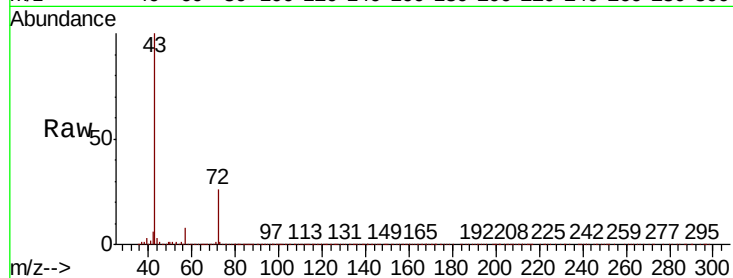
#25
2-Butanone
Concen: 262.404 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1437375
Ion Ratio Lower Upper
43 100
72 25.6 20.6 31.0

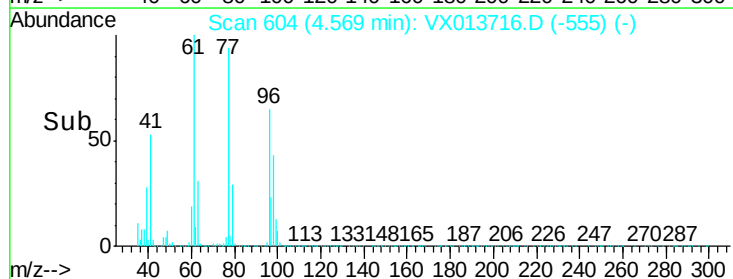
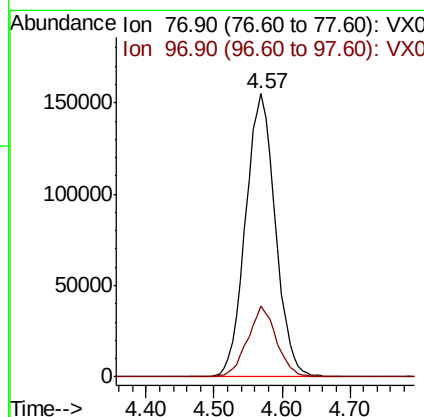
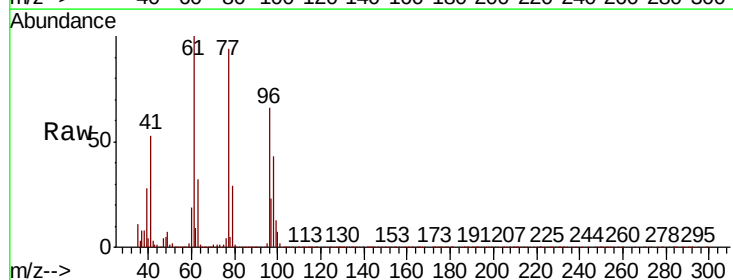
Manual Integrations
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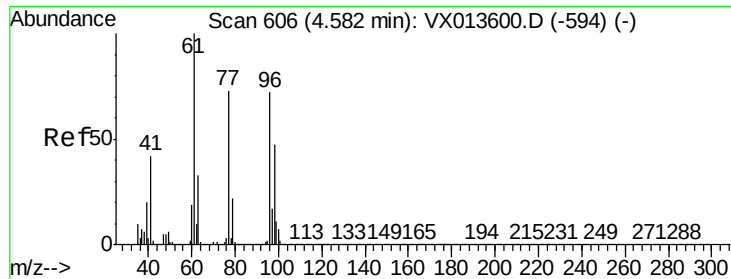
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#26
2,2-Dichloropropane
Concen: 48.721 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion: 77 Resp: 471298
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.1





#27

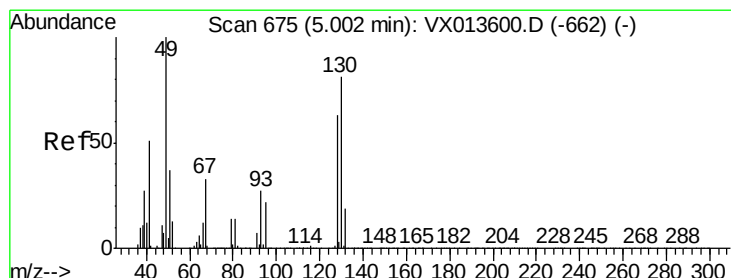
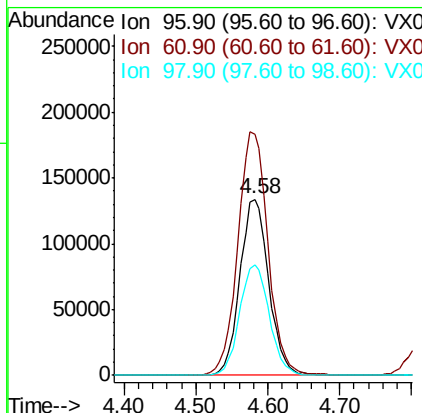
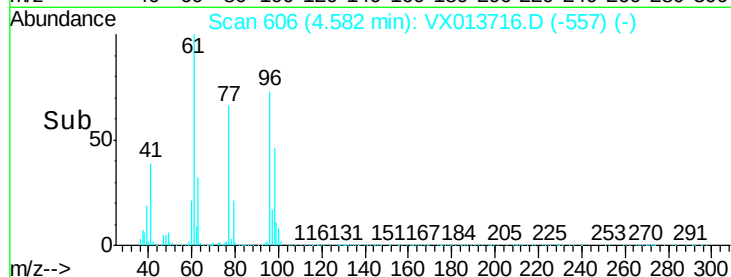
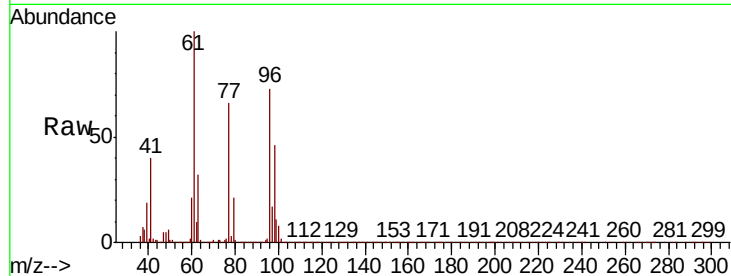
cis-1,2-Dichloroethene
Concen: 48.458 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	286.4
98	64.6	0.0	127.4

Manual Integrations
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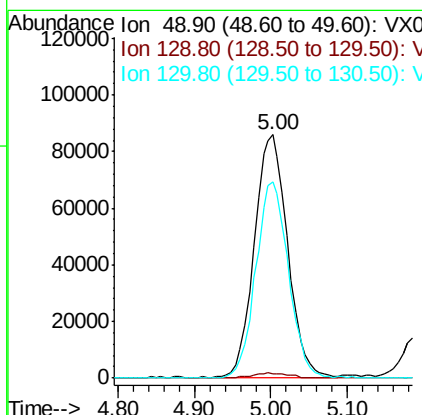
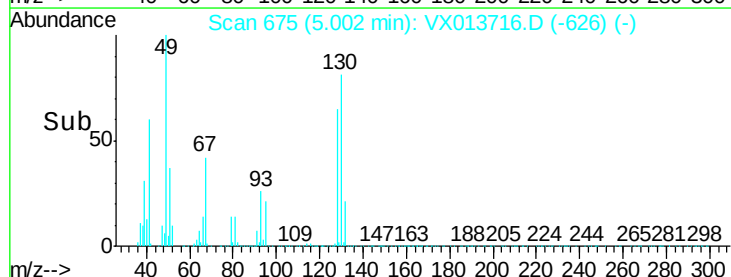
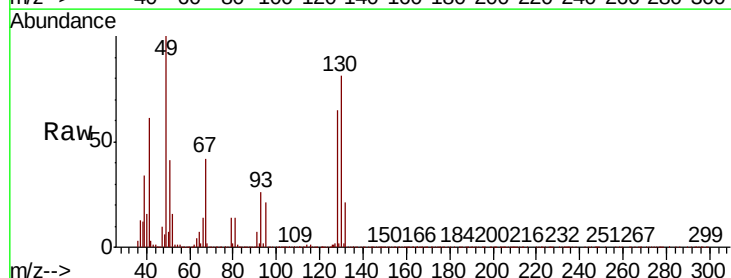
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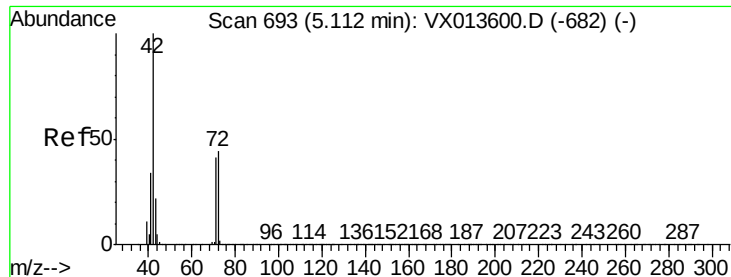


#28

Bromochloromethane
Concen: 56.071 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	78.9	65.4	98.0





#29

Tetrahydrofuran

Concen: 249.378 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

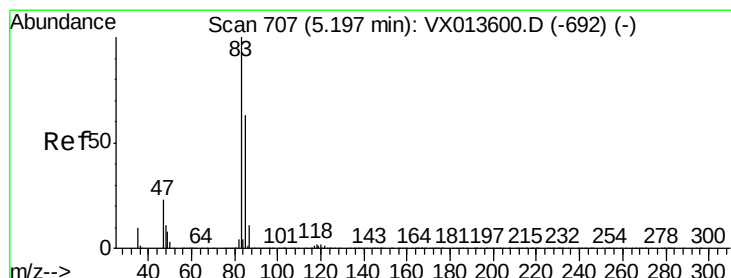
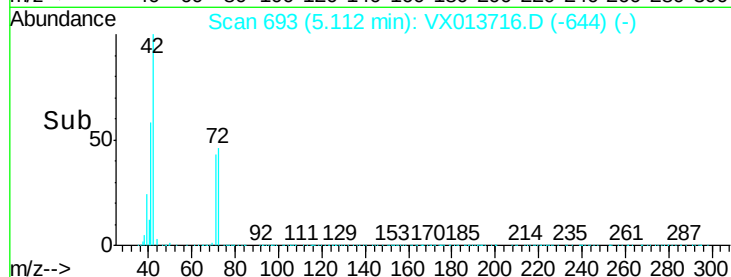
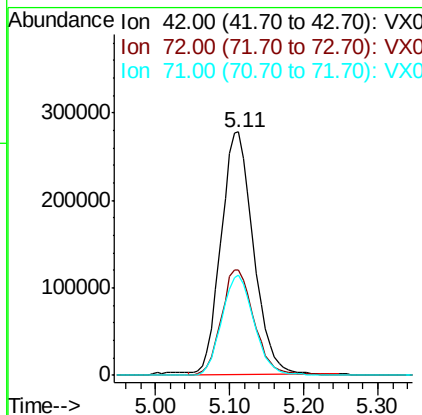
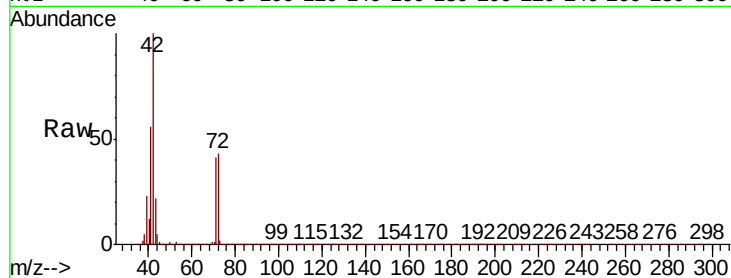
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	842111
Ion Ratio		Lower	Upper
42	100		
72	44.3	36.3	54.5
71	41.2	33.2	49.8

Manual Integrations
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#30

Chloroform

Concen: 48.222 ug/l

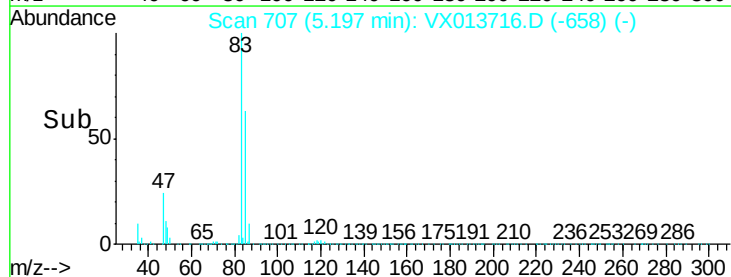
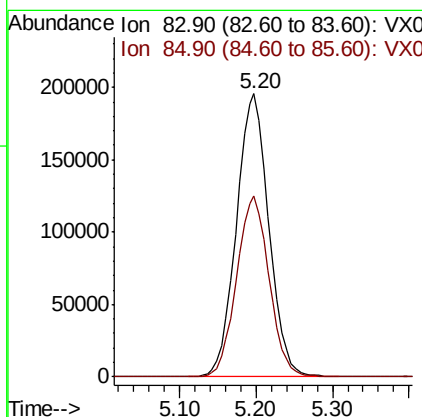
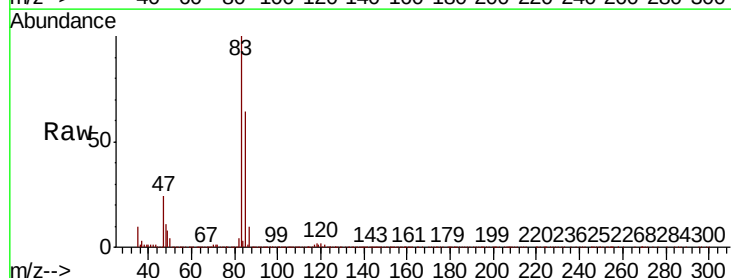
RT: 5.20 min Scan# 707

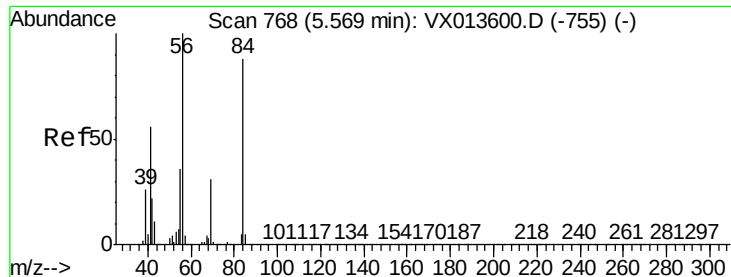
Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	83	Resp:	571777
Ion Ratio		Lower	Upper
83	100		
85	64.0	50.2	75.4





#31

Cyclohexane

Concen: 47.348 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

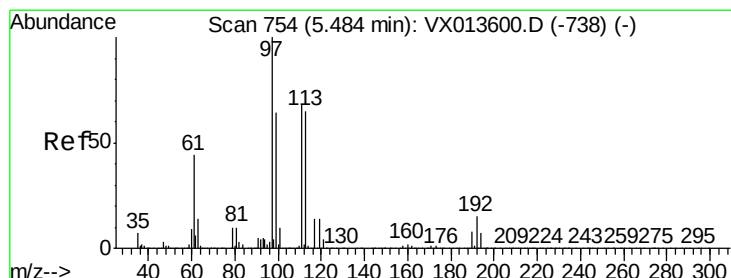
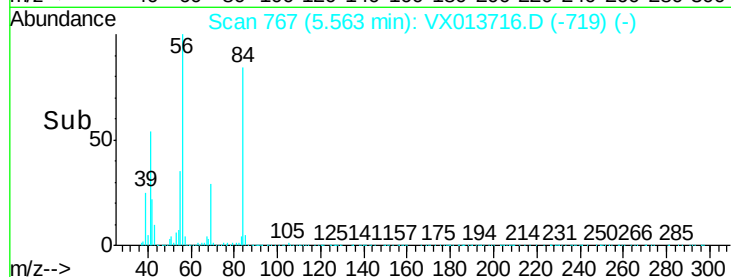
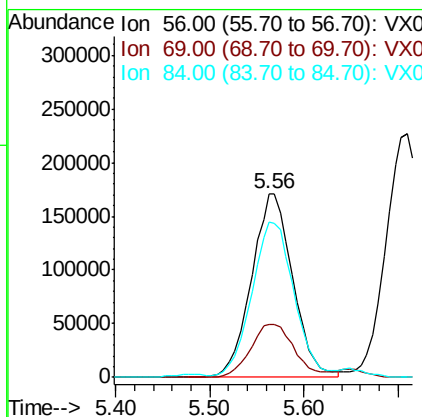
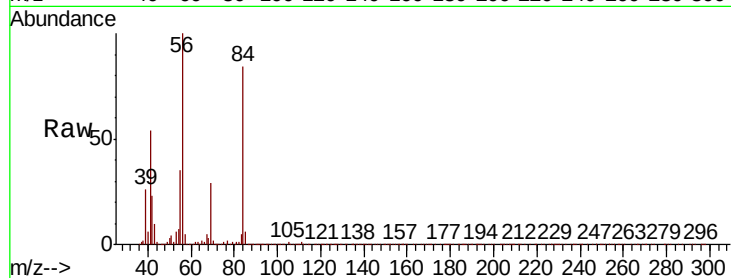
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	522142
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.6	36.8
84	82.8	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.638 ug/l

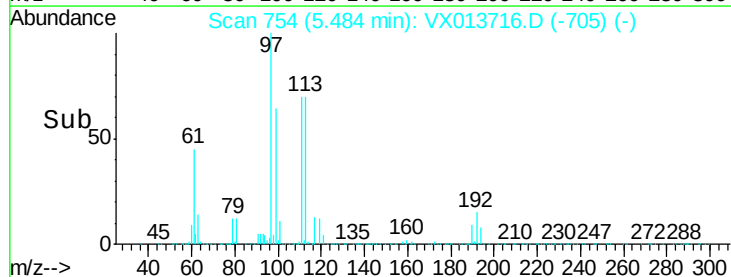
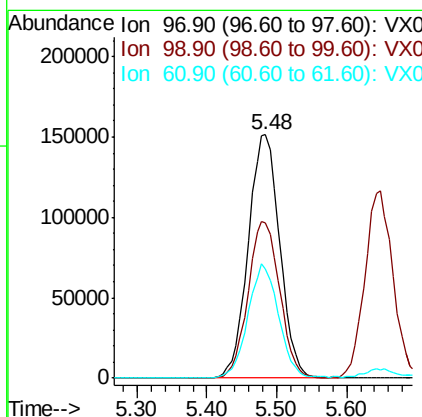
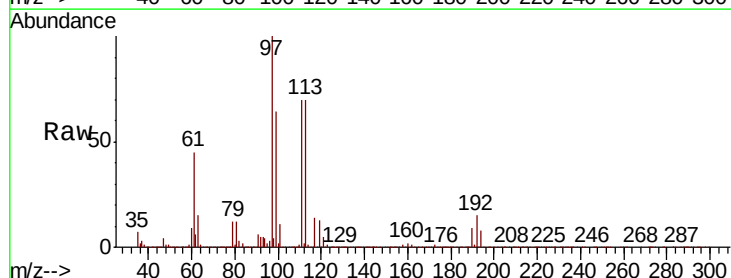
RT: 5.48 min Scan# 754

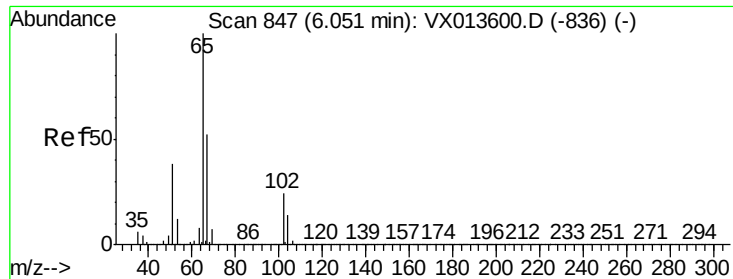
Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	97	Resp:	472029
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	45.2	36.1	54.1





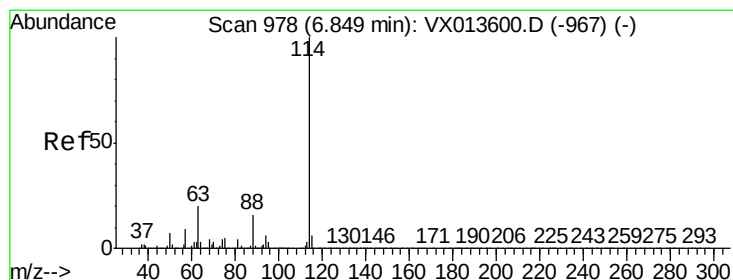
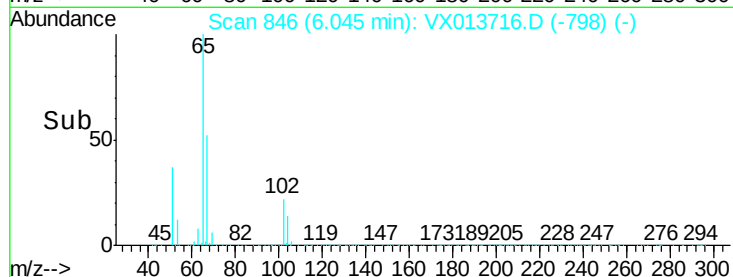
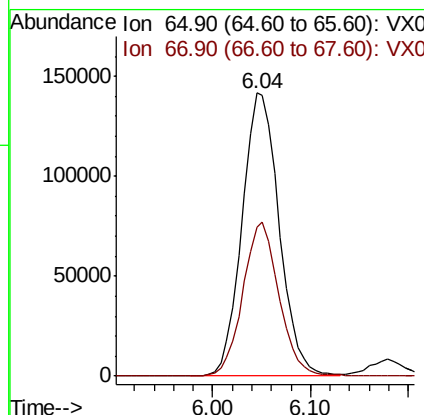
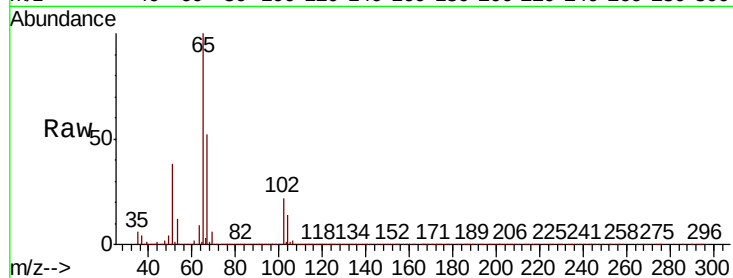
#33
 1,2-Dichloroethane-d4
 Concen: 49.828 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4

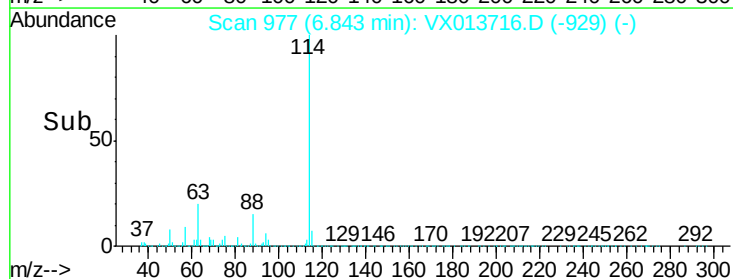
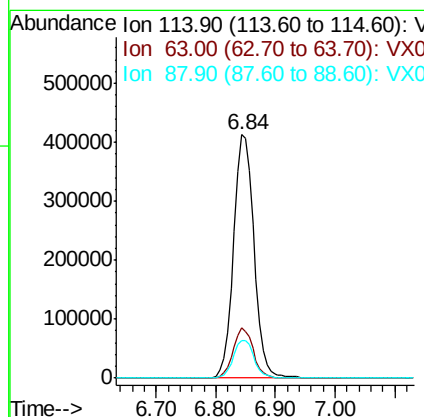
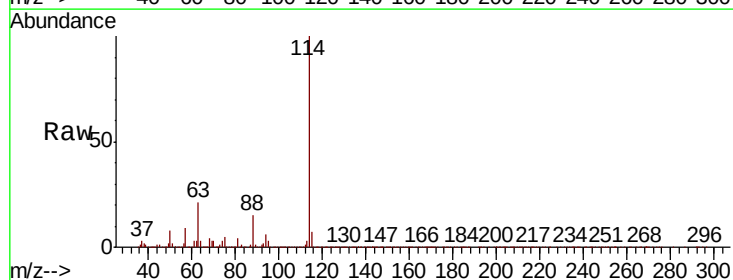
Manual Integrations
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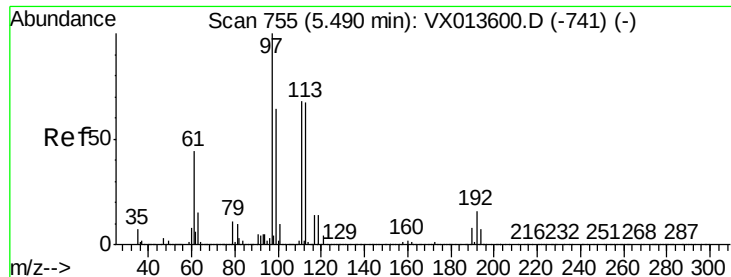
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.6
88	15.4	0.0	31.4





#35

Dibromofluoromethane

Concen: 49.632 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

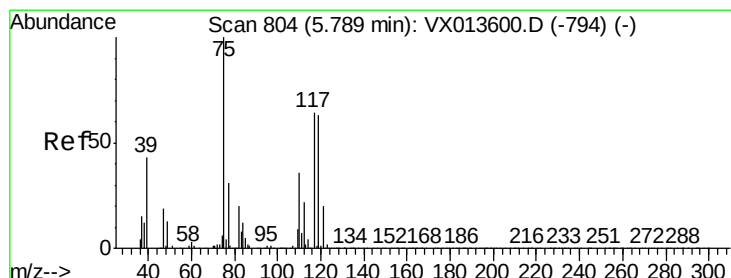
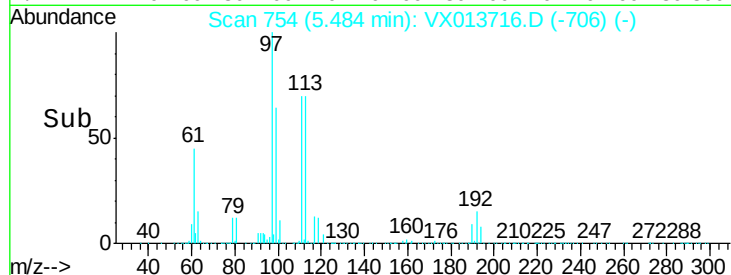
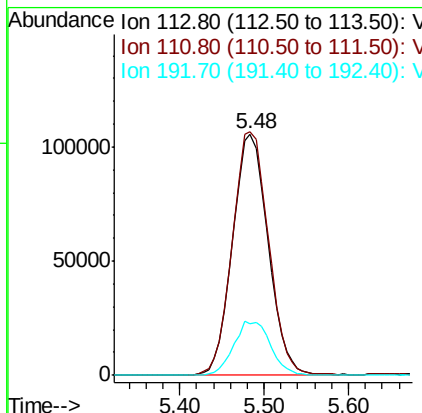
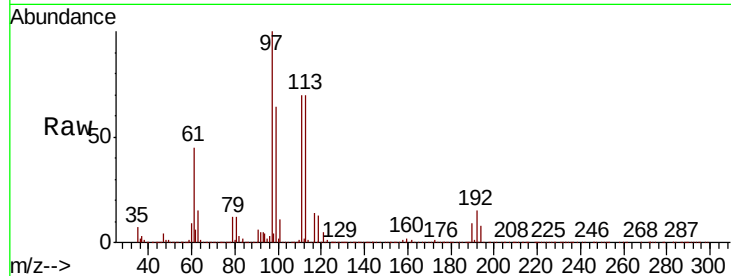
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	301437
Ion Ratio	Lower	Upper	
113	100		
111	102.4	83.6	125.4
192	23.2	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.785 ug/l

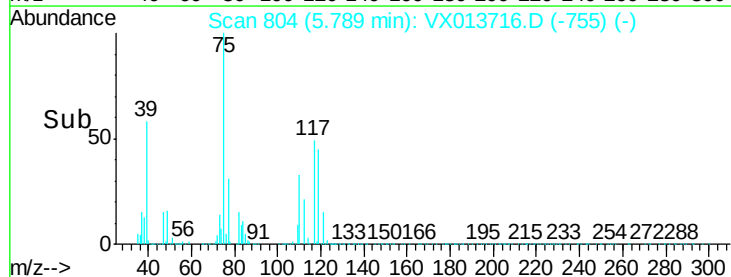
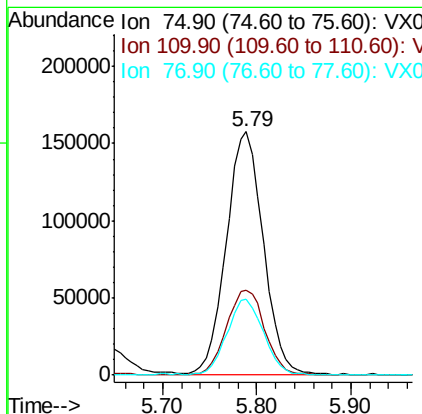
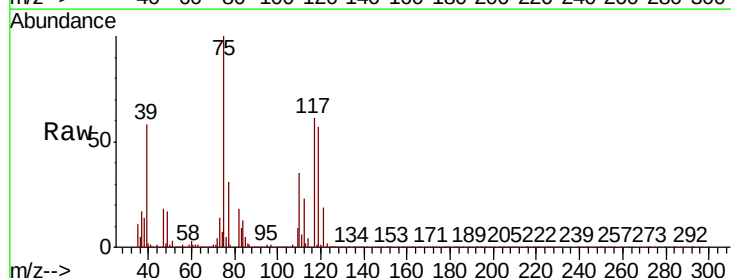
RT: 5.79 min Scan# 804

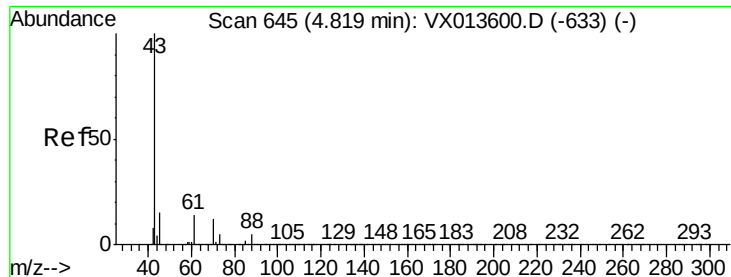
Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	75	Resp:	426143
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.1
77	30.6	24.5	36.7





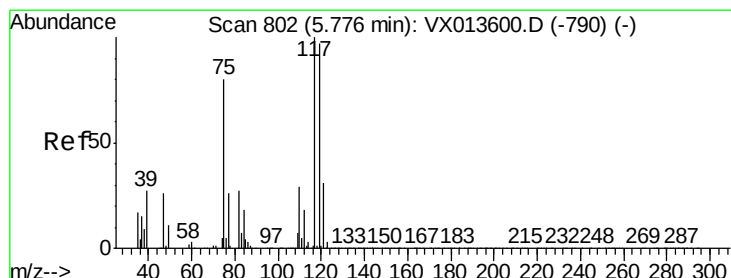
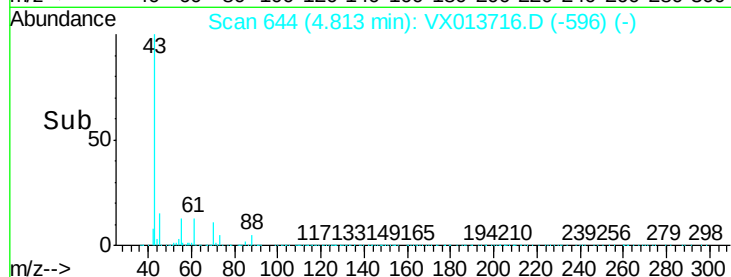
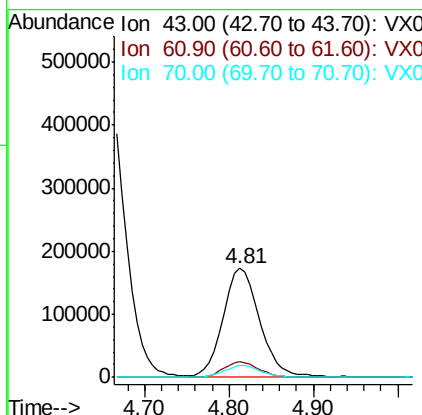
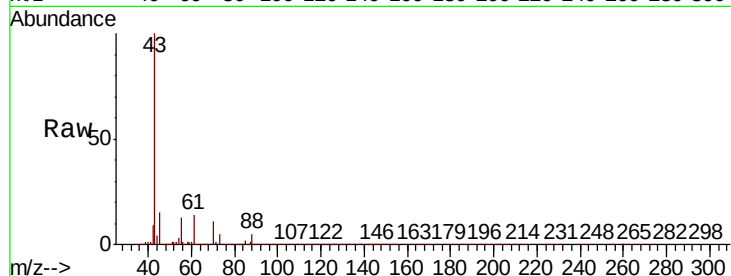
#37
Ethyl Acetate
Concen: 50.389 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	504118
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.6	8.6	12.8

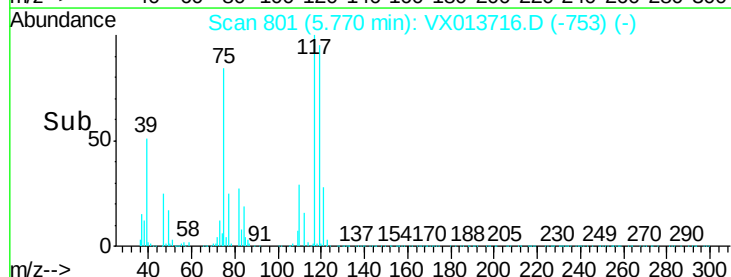
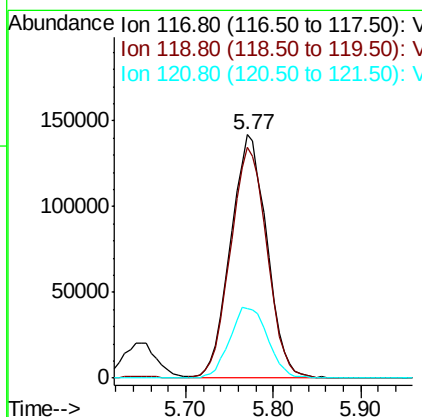
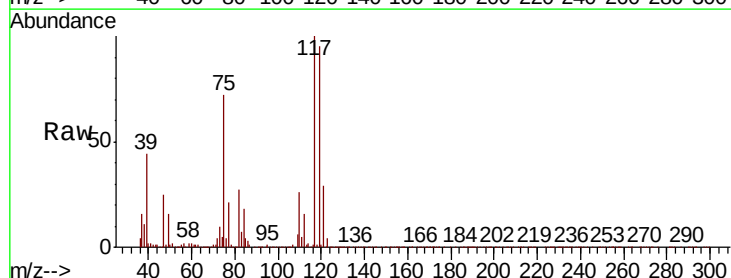
Manual Integrations
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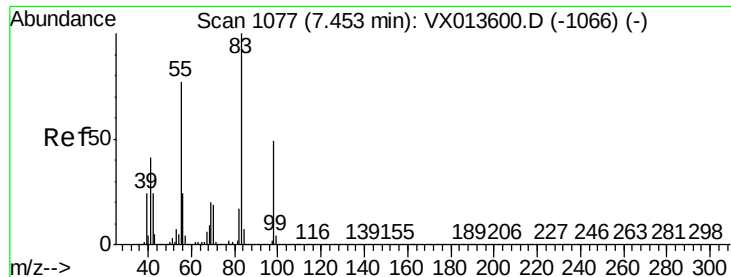
apatel
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#38
Carbon Tetrachloride
Concen: 49.435 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion:	117	Resp:	406508
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.5	116.3
121	28.8	25.0	37.6





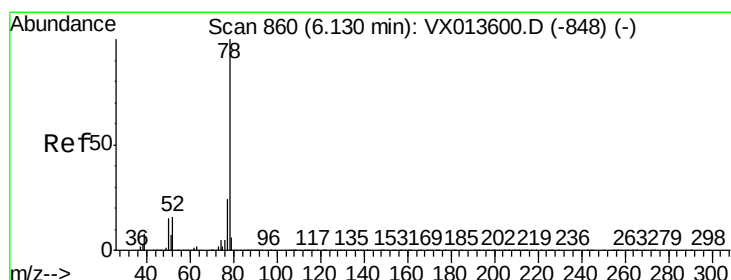
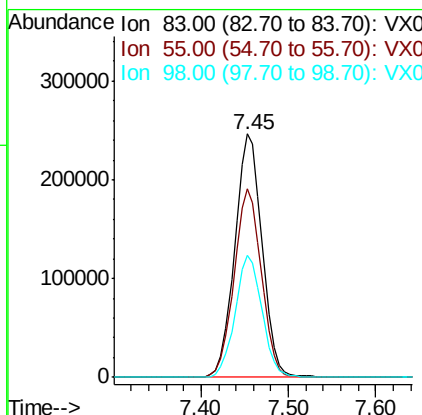
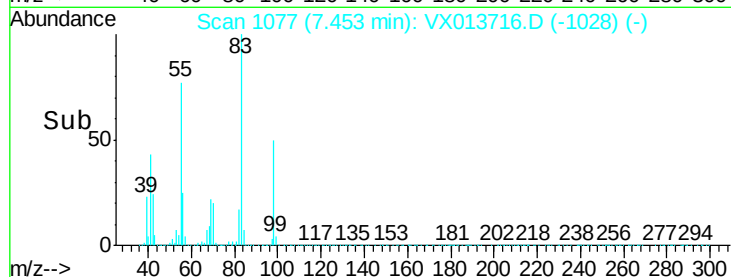
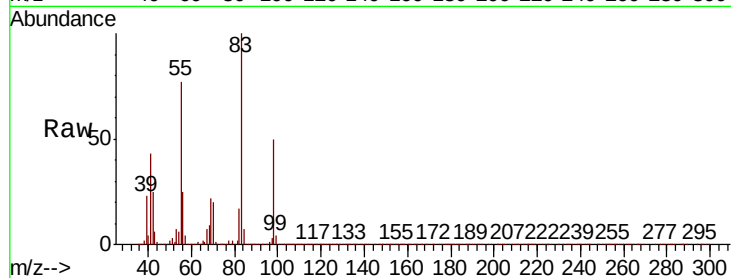
#39
Methylvlcyclohexane
Concen: 48.344 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.9	92.9
98	49.9	39.4	59.0

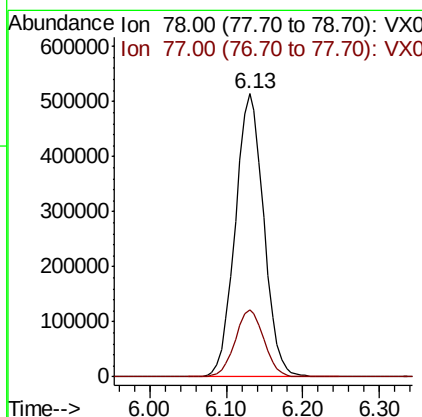
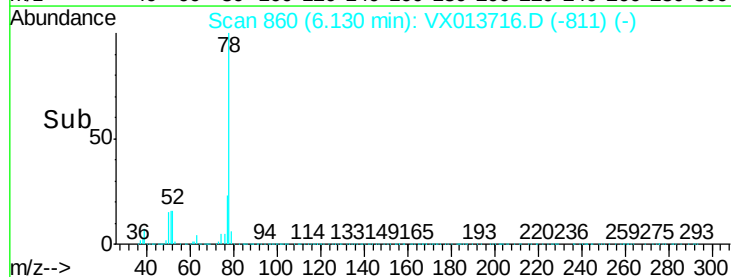
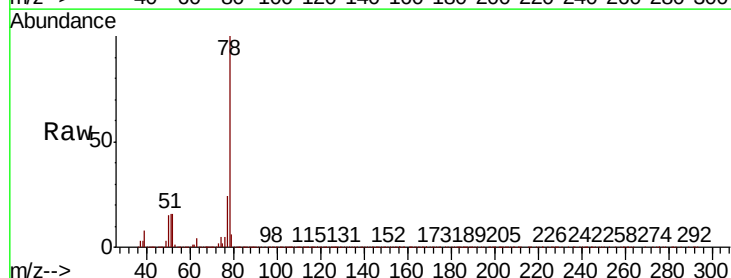
Manual Integrations
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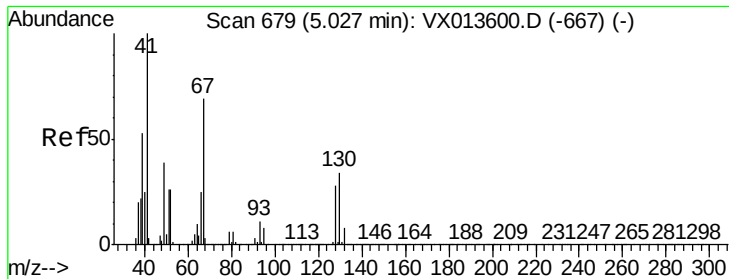
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#40
Benzene
Concen: 48.783 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41

Methacrylonitrile

Concen: 52.199 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

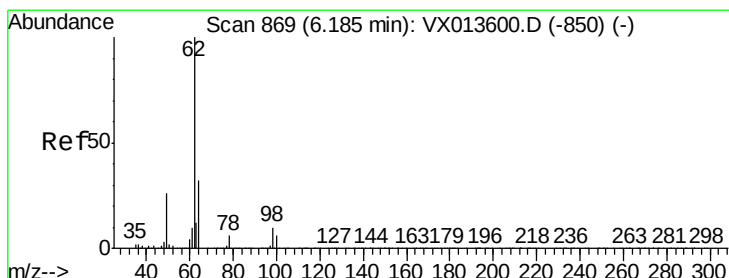
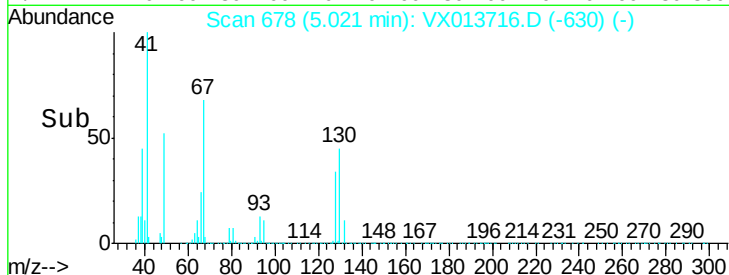
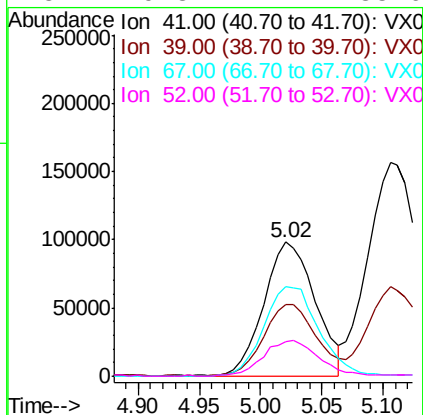
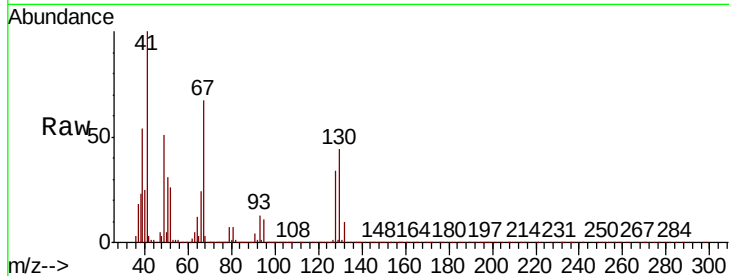
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.9	64.3
67	71.5	57.4	86.0
52	29.3	22.4	33.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.726 ug/l

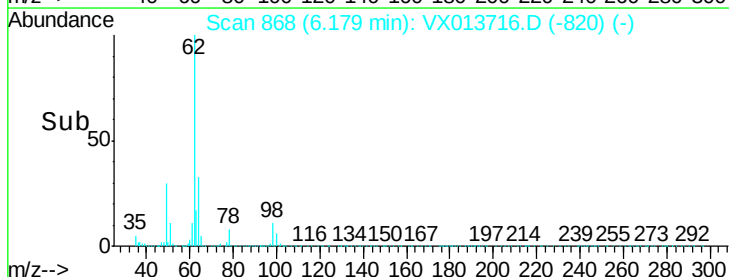
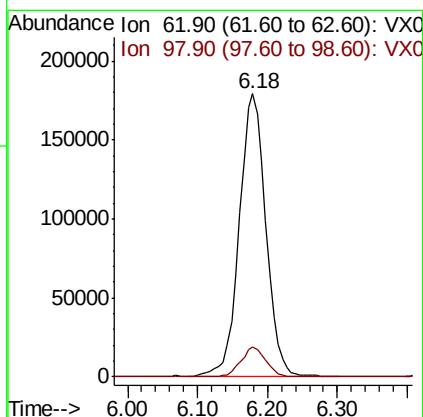
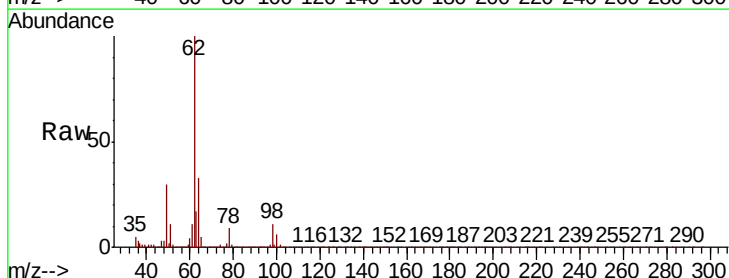
RT: 6.18 min Scan# 868

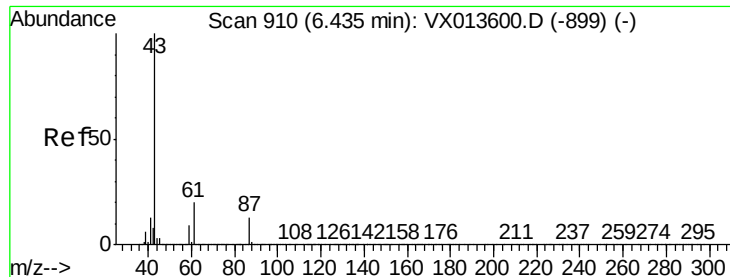
Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 51.215 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

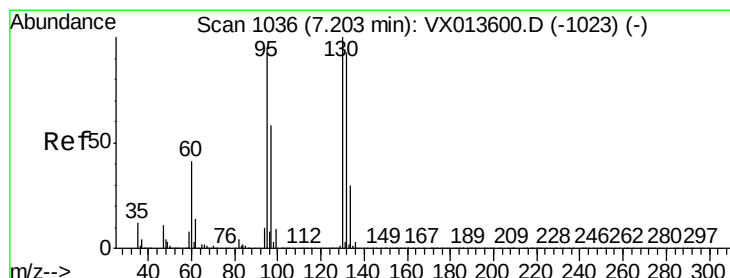
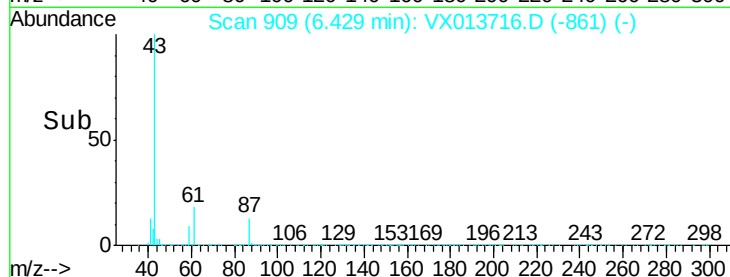
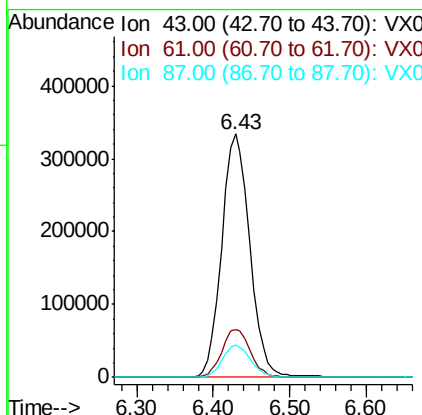
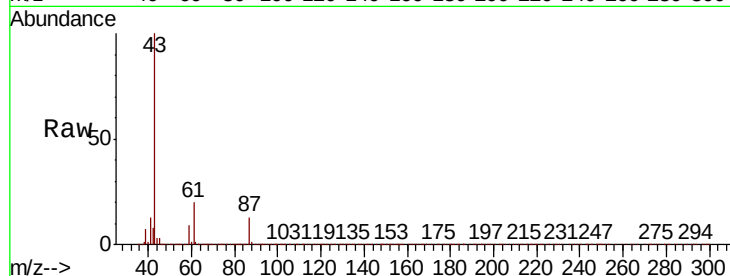
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	843552
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.2	10.8	16.2

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#44

Trichloroethene

Concen: 47.098 ug/l

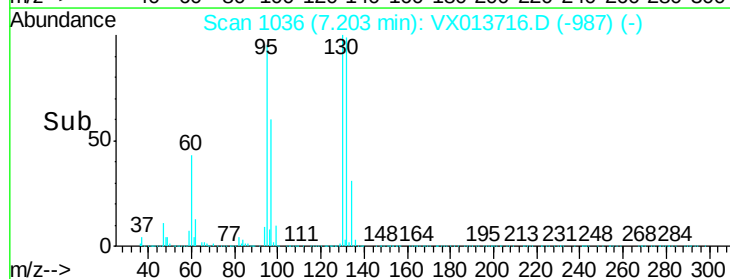
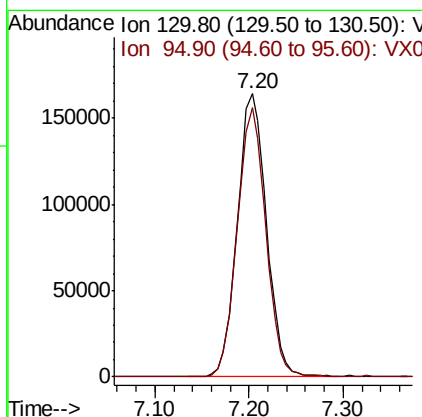
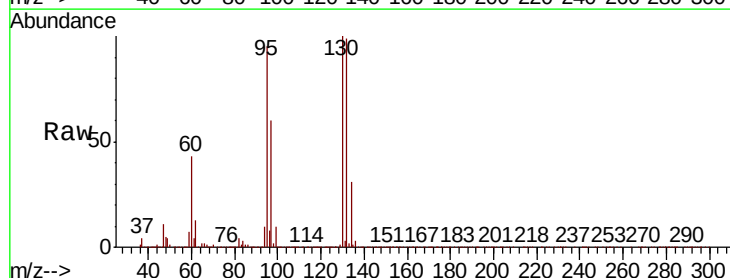
RT: 7.20 min Scan# 1036

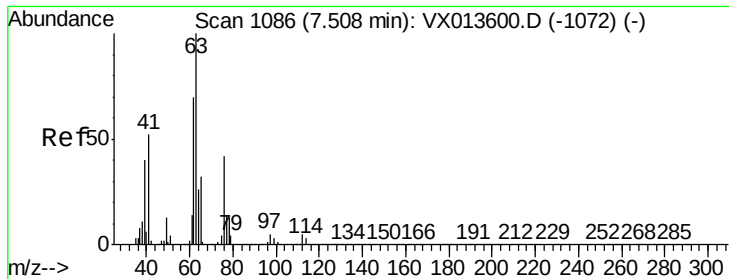
Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	130	Resp:	351080
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	190.8





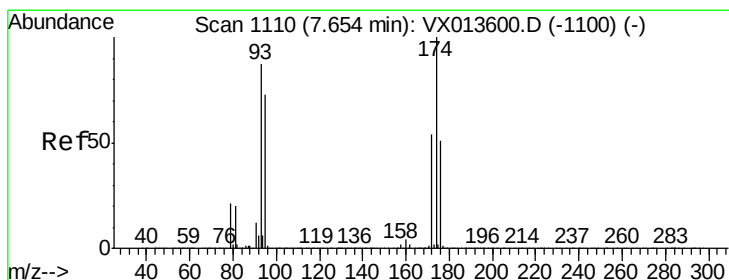
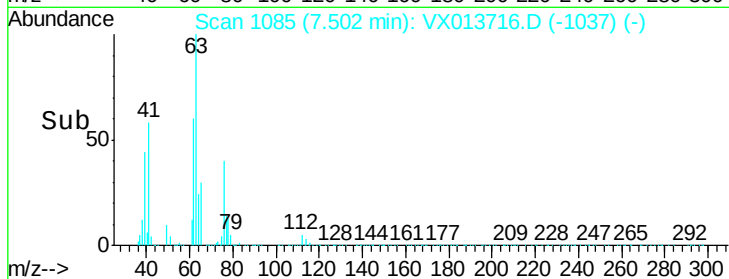
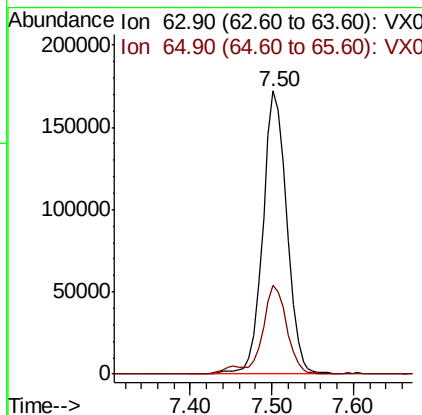
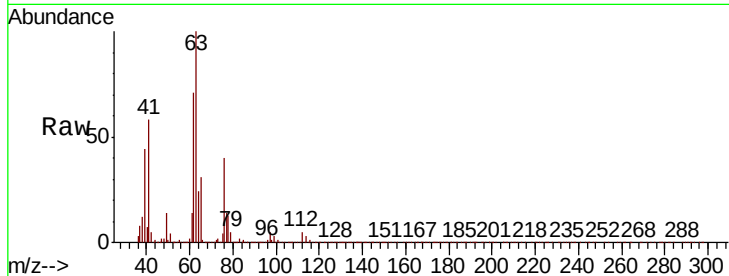
#45
 1,2-Dichloropropane
 Concen: 51.624 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.5	38.3

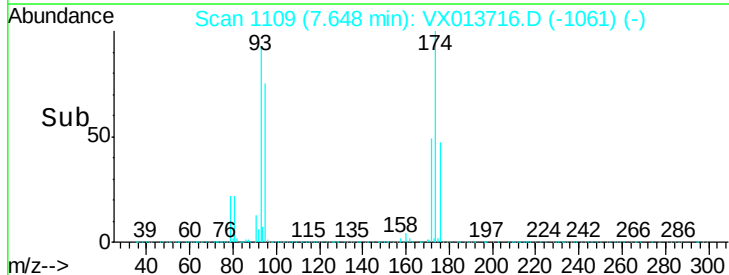
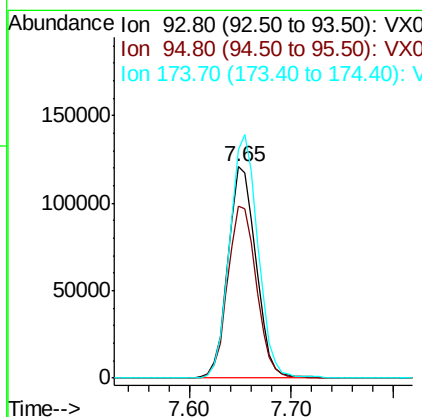
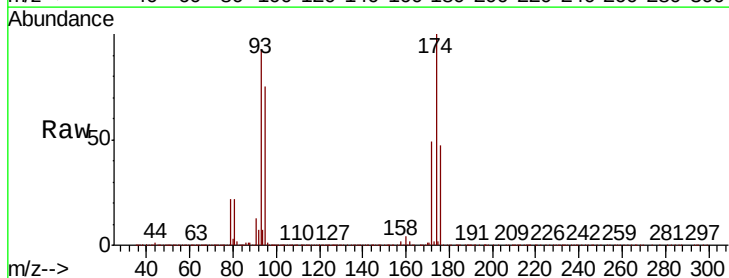
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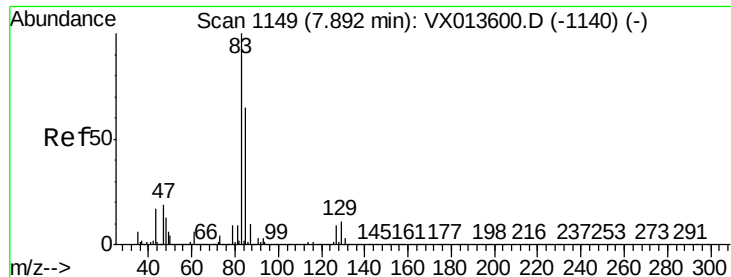
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#46
 Dibromomethane
 Concen: 49.634 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.2	99.2
174	116.2	93.4	140.0





#47

Bromodichloromethane

Concen: 53.056 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

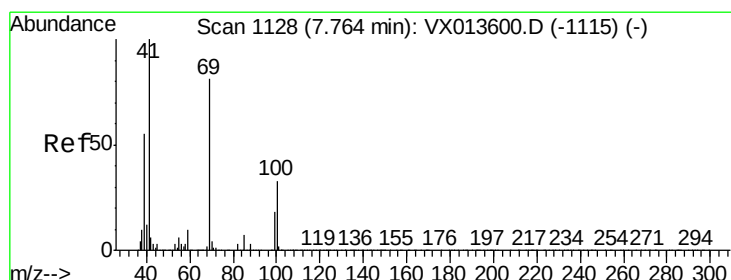
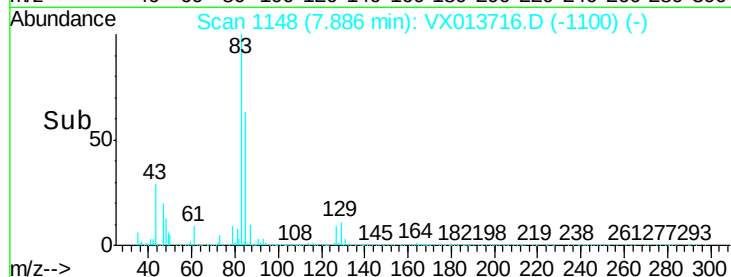
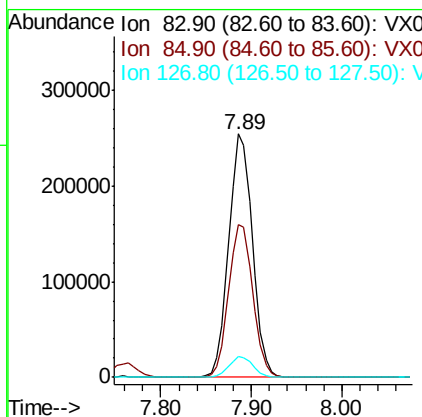
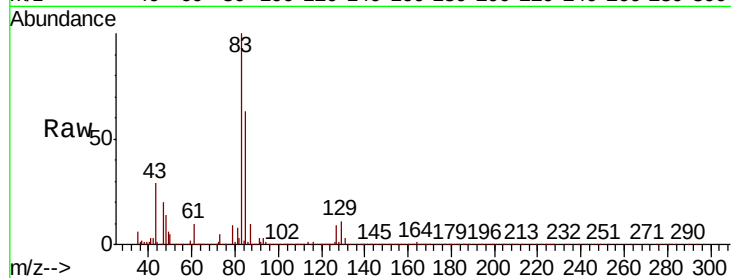
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	462925
Ion Ratio	Lower	Upper	
83	100		
85	62.5	52.1	78.1
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.308 ug/l

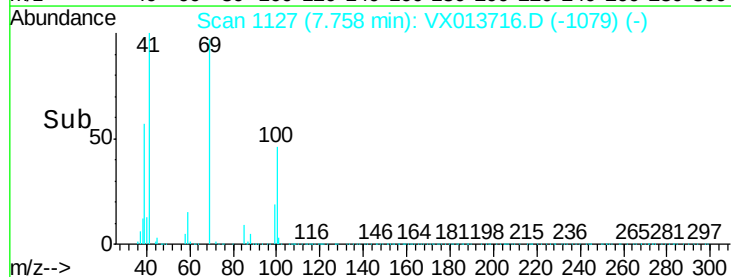
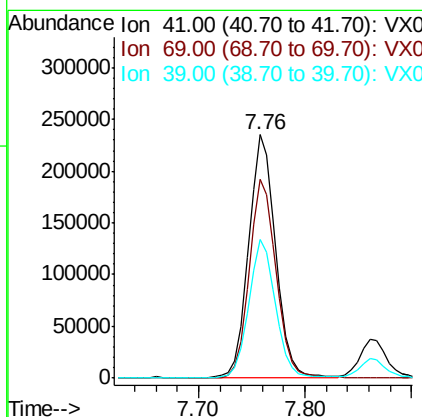
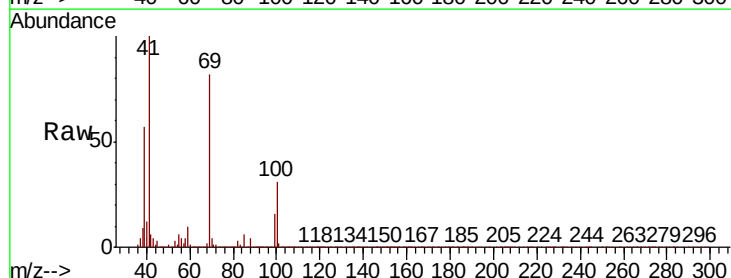
RT: 7.76 min Scan# 1127

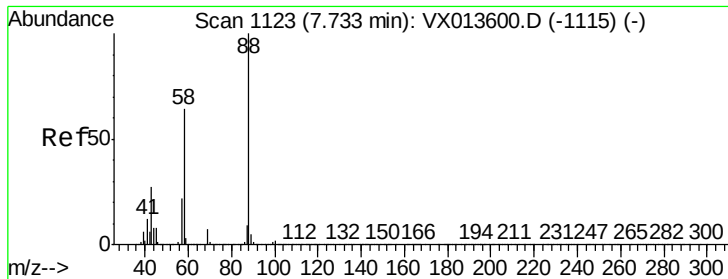
Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	41	Resp:	418608
Ion Ratio	Lower	Upper	
41	100		
69	81.2	64.7	97.1
39	56.0	43.8	65.6





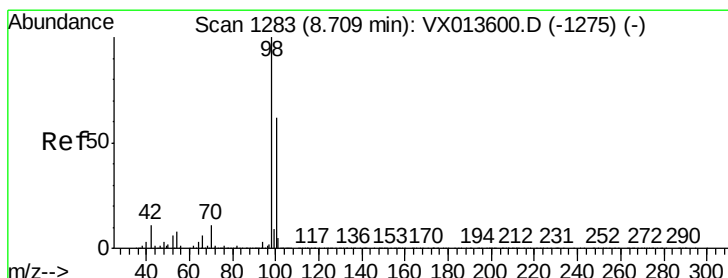
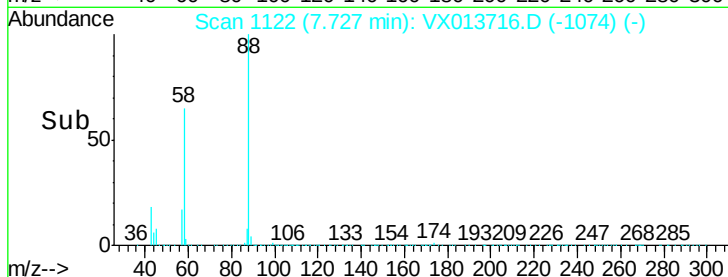
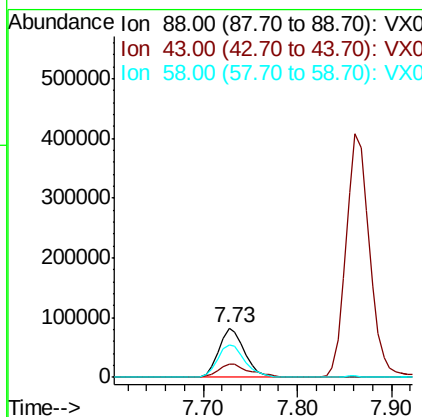
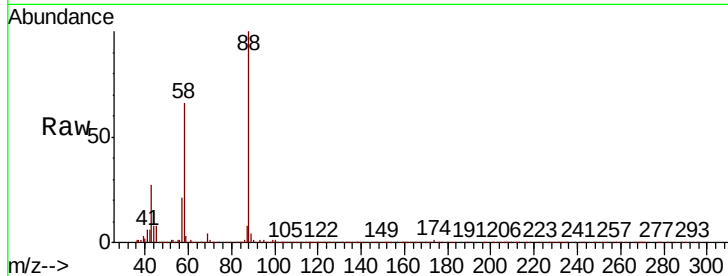
#49
1,4-Dioxane
Concen: 862.908 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.8	38.6
58	70.6	54.6	82.0

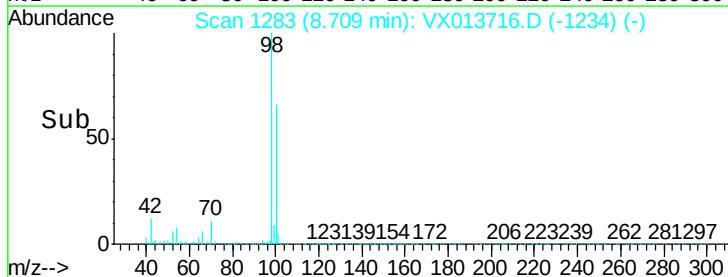
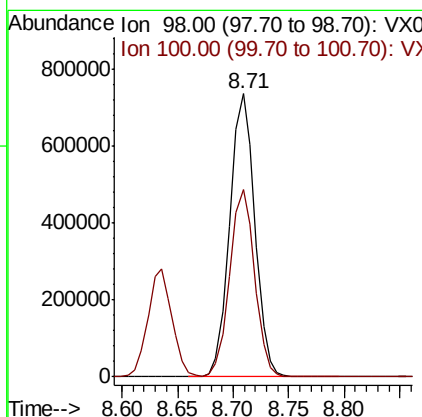
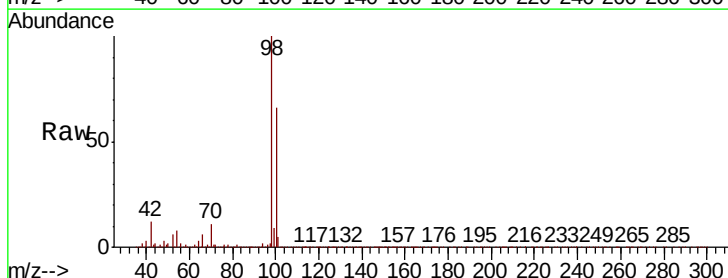
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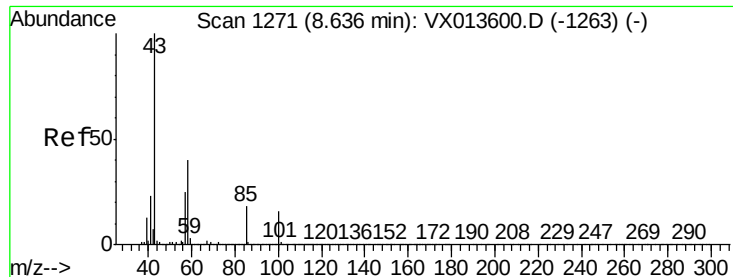
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#50
Toluene-d8
Concen: 48.508 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 251.654 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2607247

Ion Ratio Lower Upper

43 100

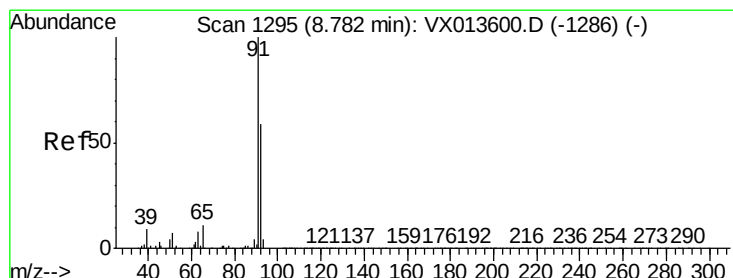
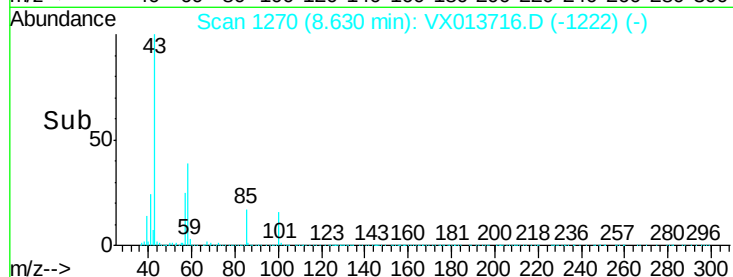
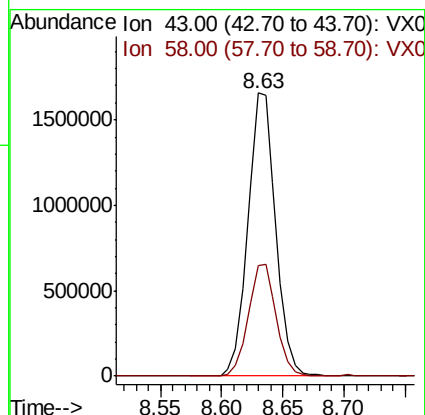
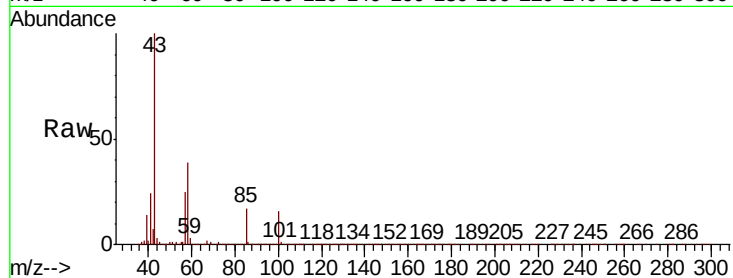
58 39.6 32.1 48.1

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#52

Toluene

Concen: 49.258 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013716.D

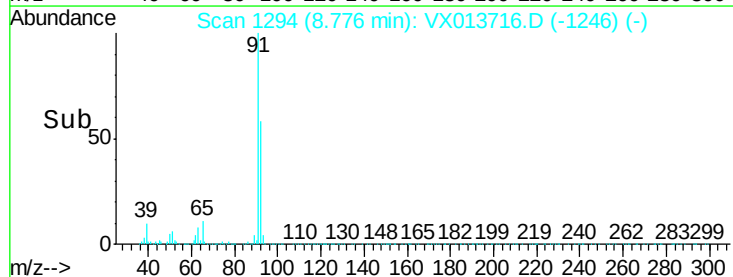
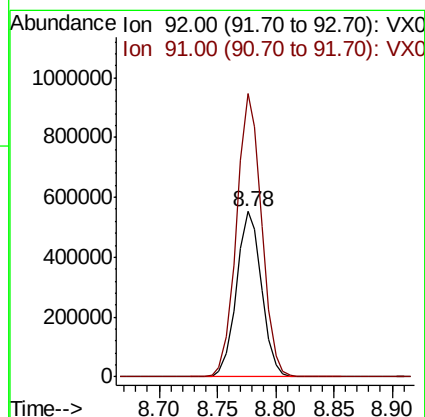
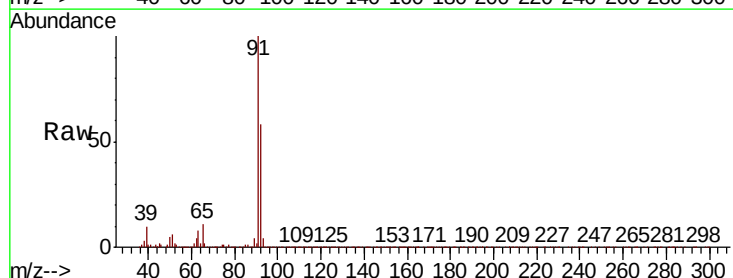
Acq: 03 Dec 2019 11:30

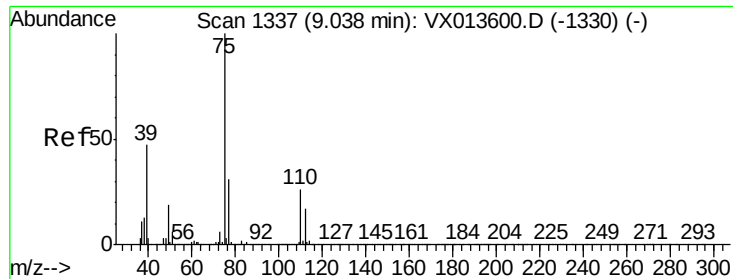
Tgt Ion: 92 Resp: 831151

Ion Ratio Lower Upper

92 100

91 170.8 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 53.507 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 531403

Ion Ratio Lower Upper

75 100

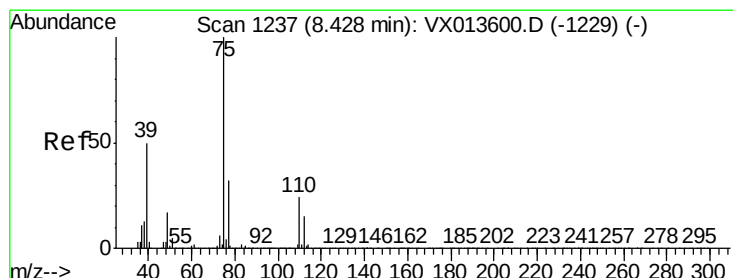
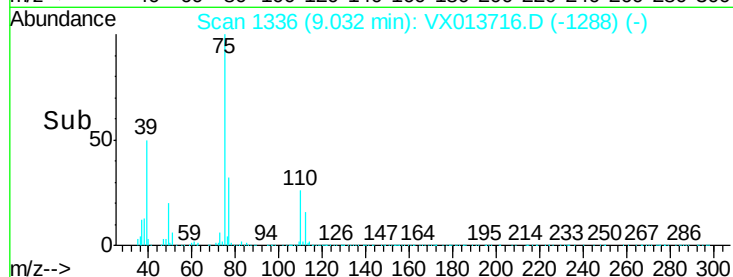
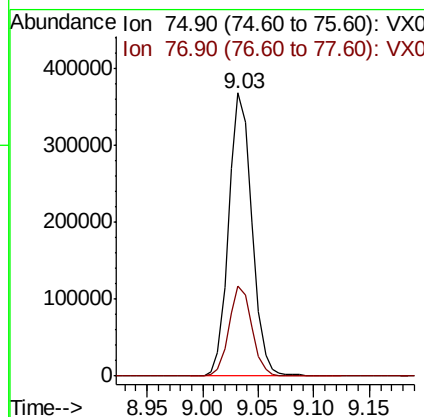
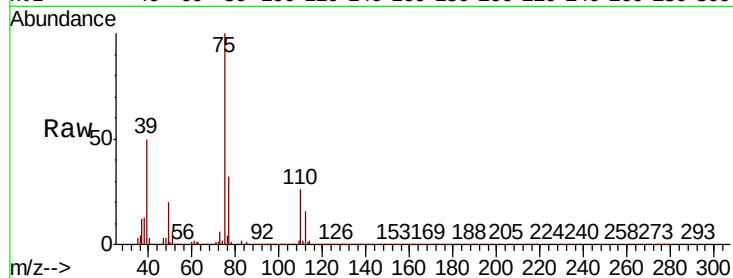
77 31.9 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 53.020 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

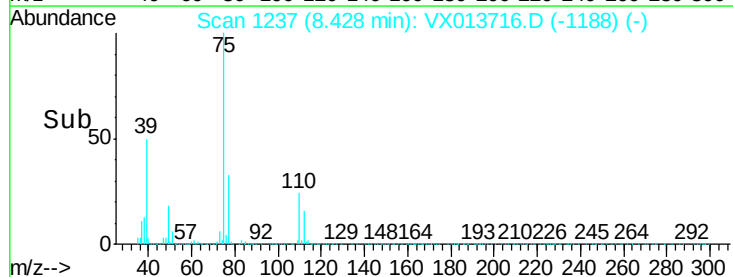
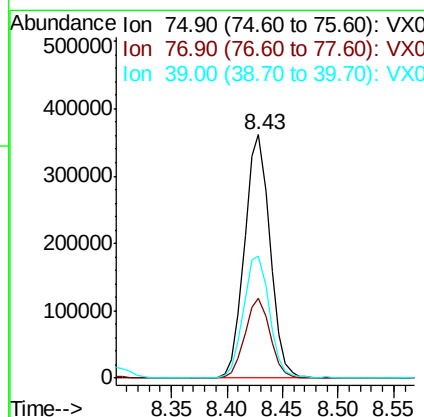
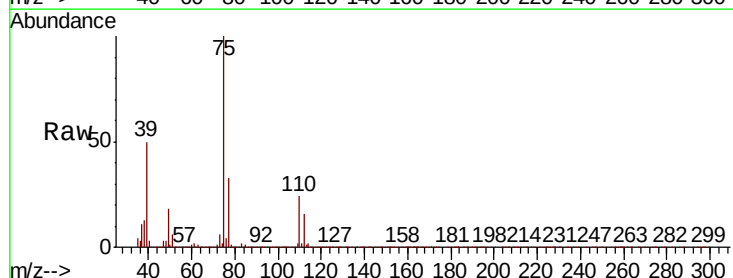
Tgt Ion: 75 Resp: 575283

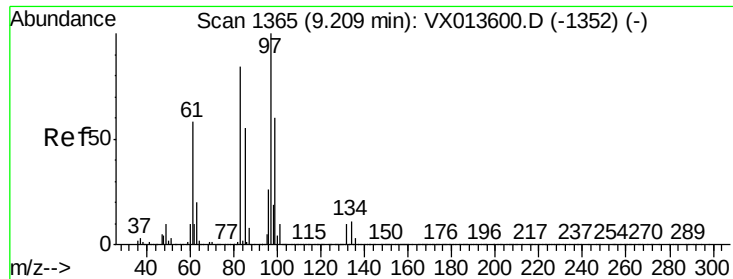
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

39 50.1 39.9 59.9





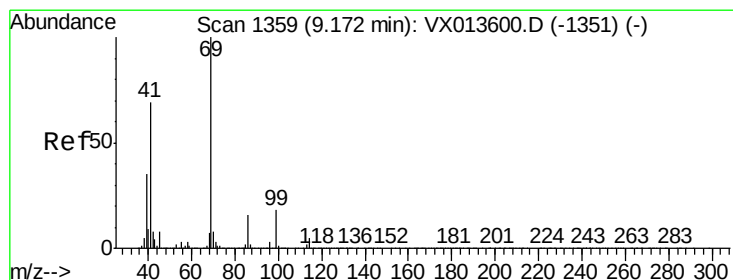
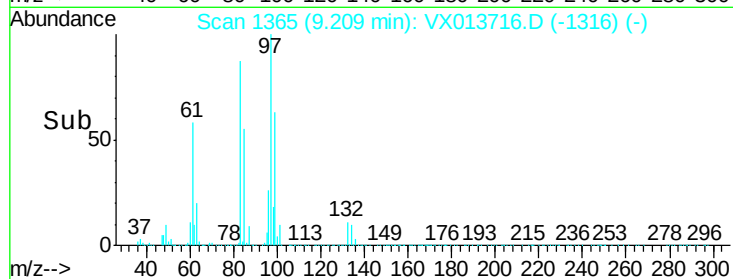
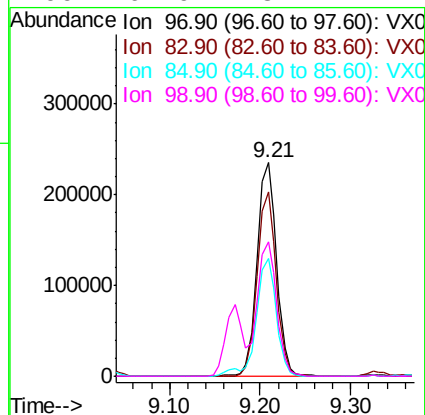
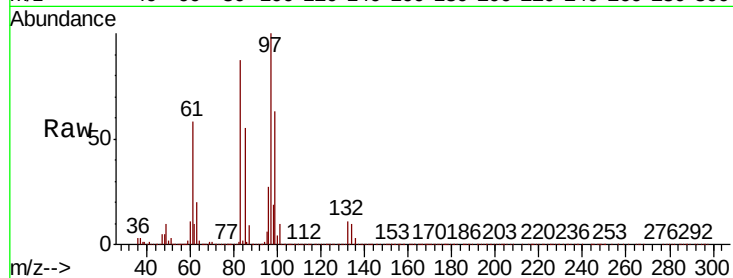
#55
 1,1,2-Trichloroethane
 Concen: 51.241 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	348423
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.3	100.9
85	55.2	43.6	65.4
99	62.9	48.2	72.4

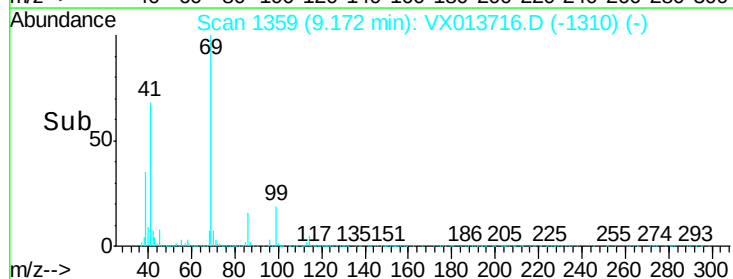
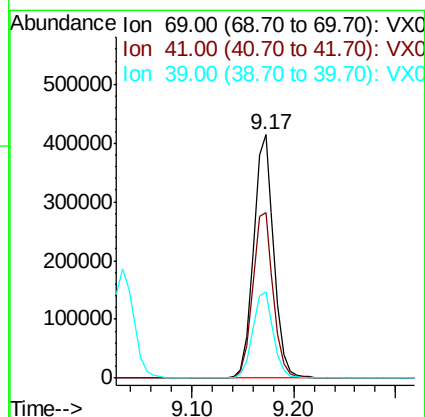
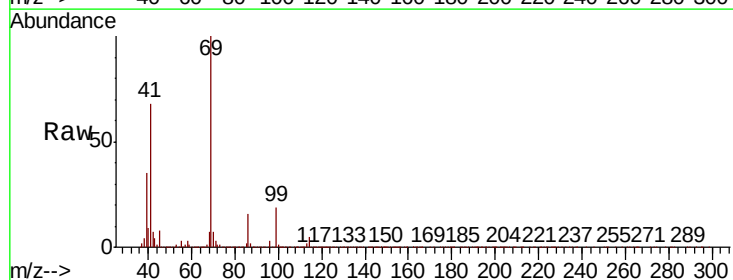
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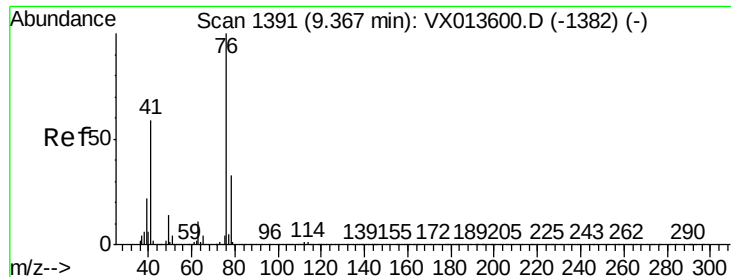
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#56
 Ethyl methacrylate
 Concen: 52.313 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Tgt Ion:	69	Resp:	571898
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.0	82.4
39	35.9	28.7	43.1





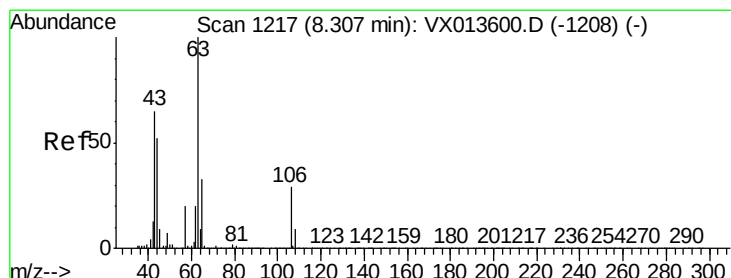
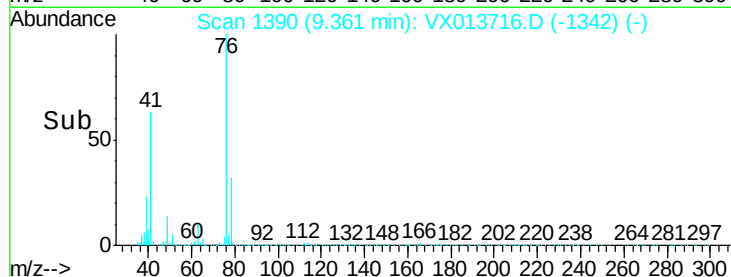
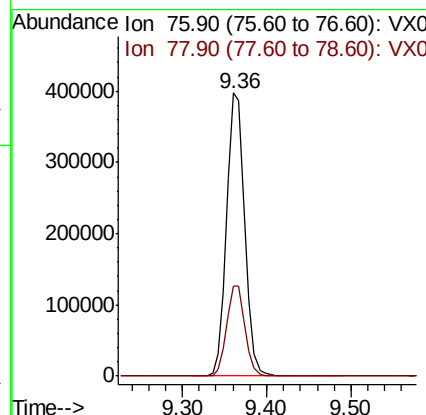
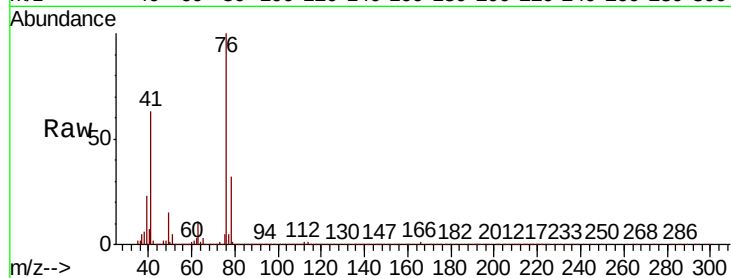
#57
 1,3-Dichloropropane
 Concen: 50.448 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

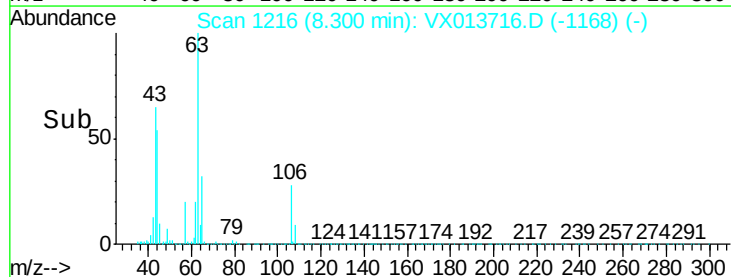
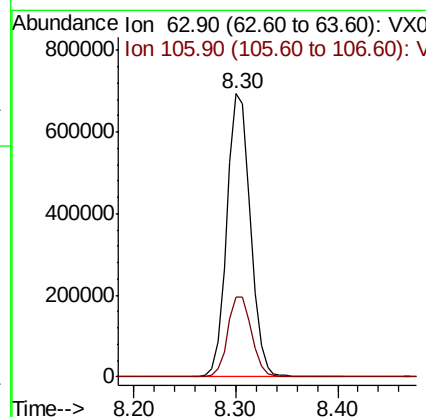
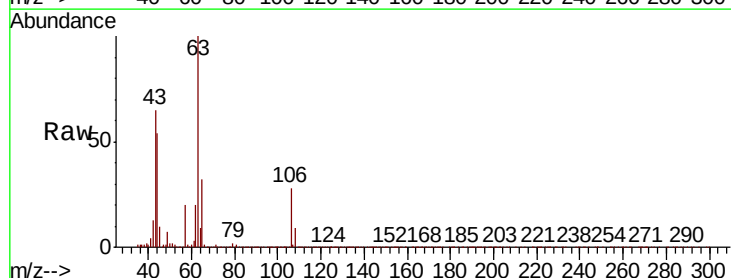
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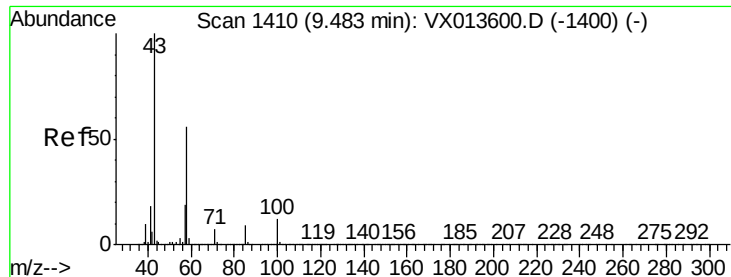
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.684 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.4	35.0





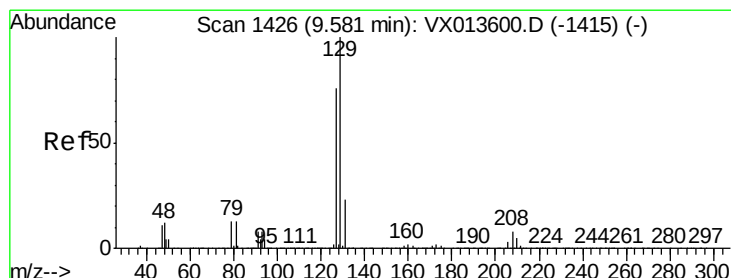
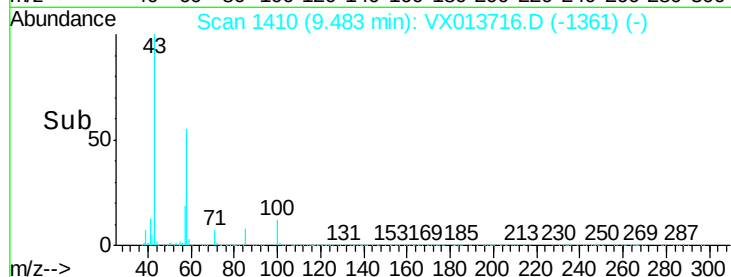
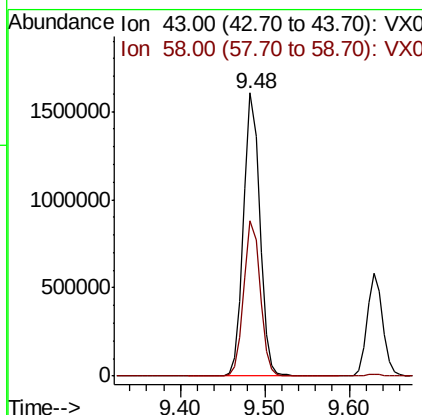
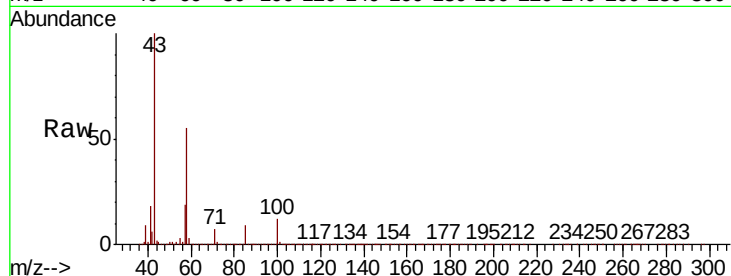
#59
2-Hexanone
Concen: 255.013 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2060600
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.4

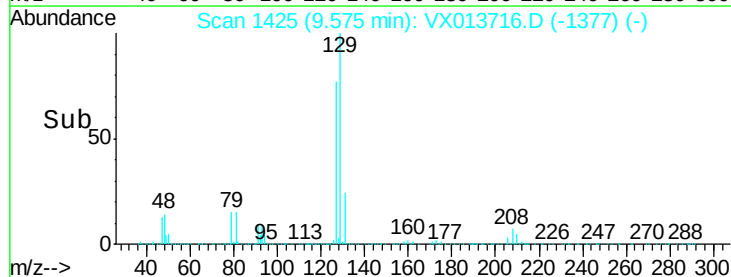
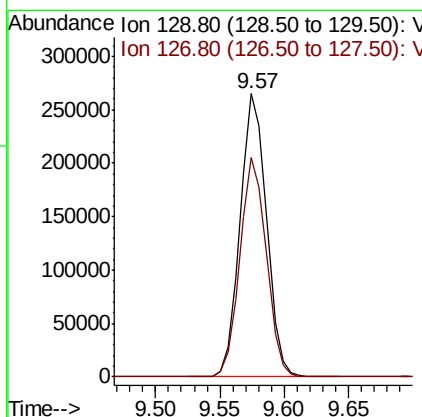
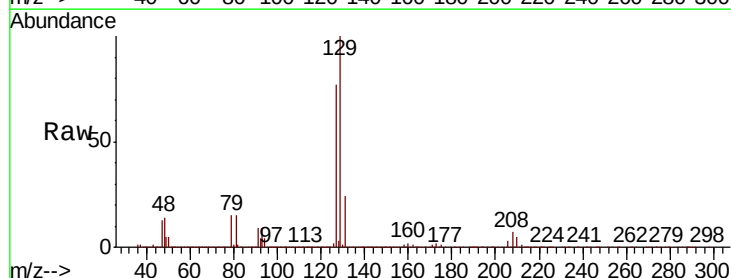
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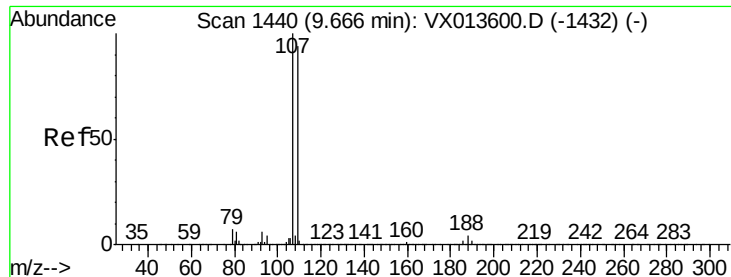
apatel
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#60
Dibromochloromethane
Concen: 53.177 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion: 129 Resp: 375255
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.729 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 368414

Ion Ratio Lower Upper

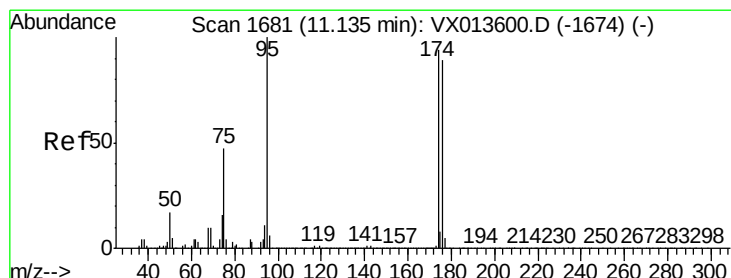
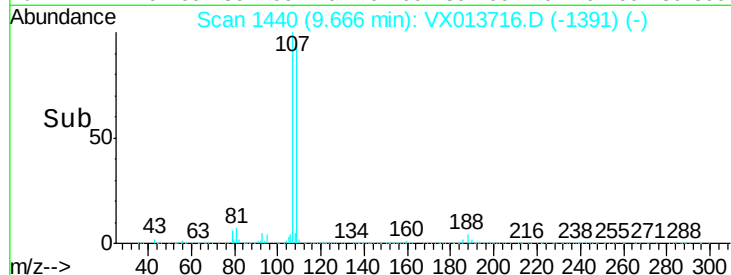
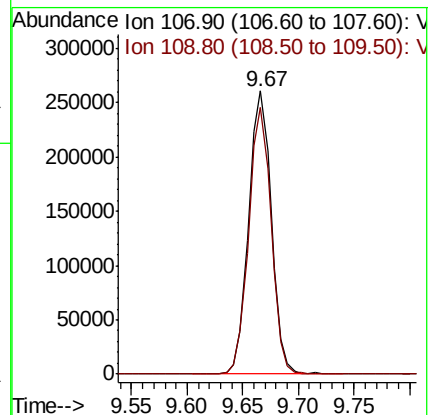
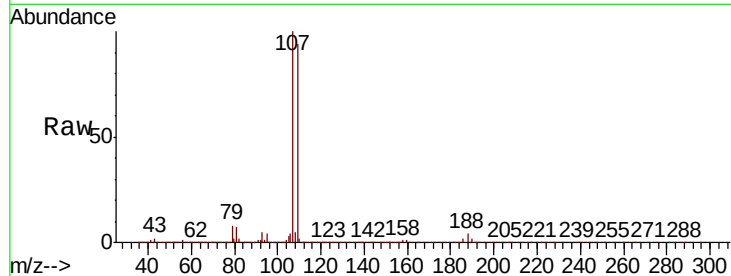
107 100

109 93.2 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 49.876 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

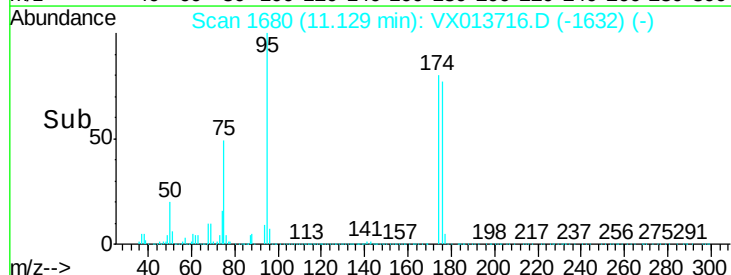
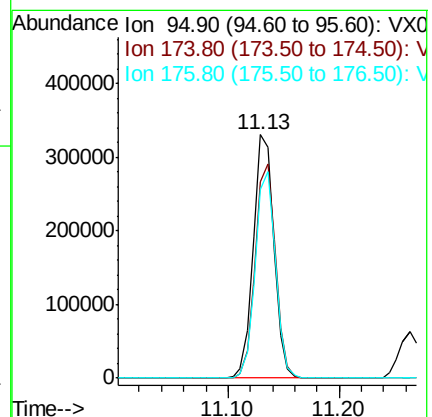
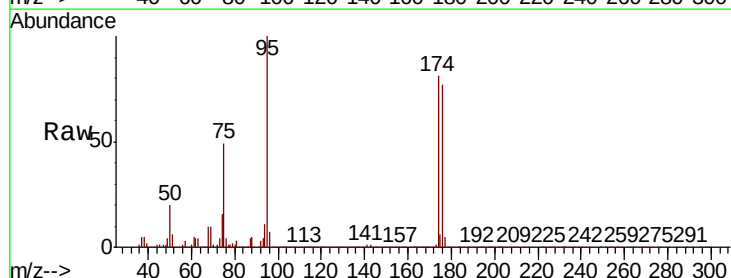
Tgt Ion: 95 Resp: 425583

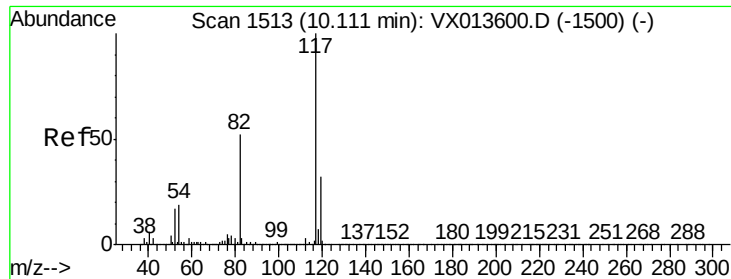
Ion Ratio Lower Upper

95 100

174 87.3 0.0 180.0

176 83.6 0.0 173.6





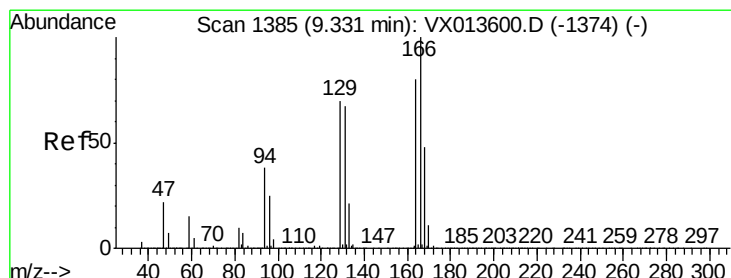
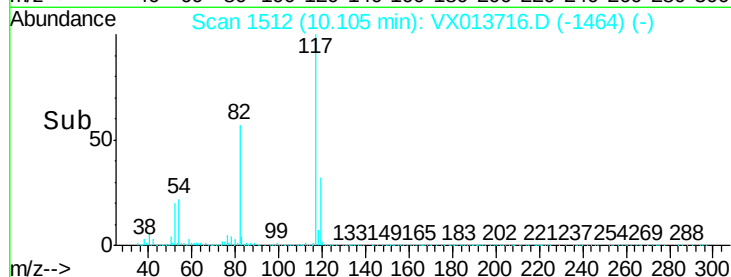
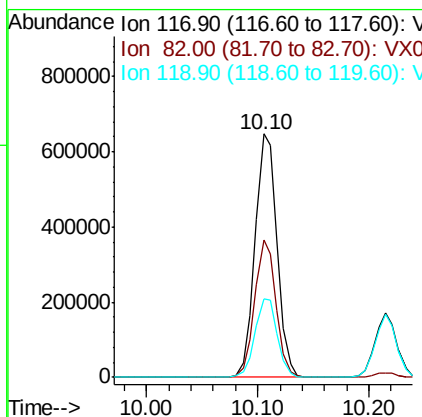
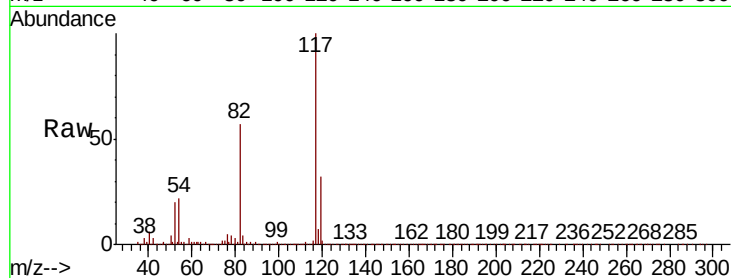
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	56.6	41.8	62.8
119	32.2	25.8	38.8

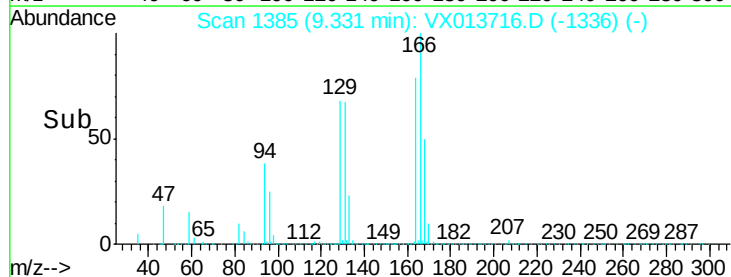
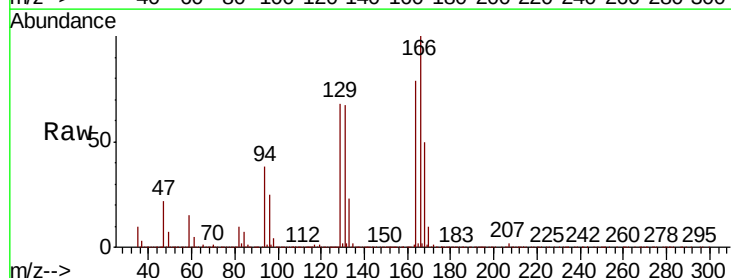
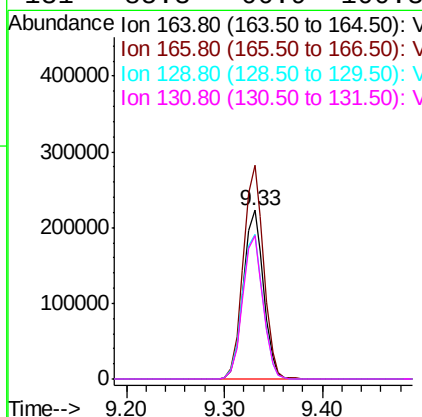
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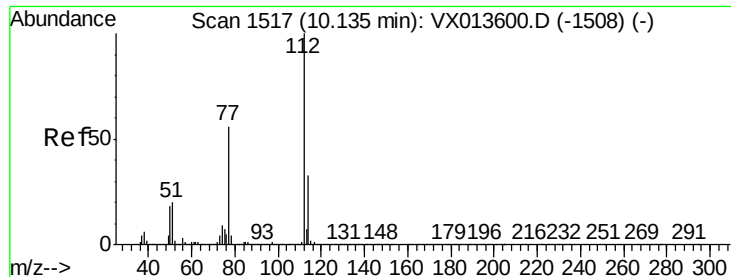
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#64
Tetrachloroethene
Concen: 48.048 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.8	99.7	149.5
129	86.2	70.1	105.1
131	85.3	66.9	100.3





#65

Chlorobenzene

Concen: 48.338 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 894926

Ion Ratio Lower Upper

112 100

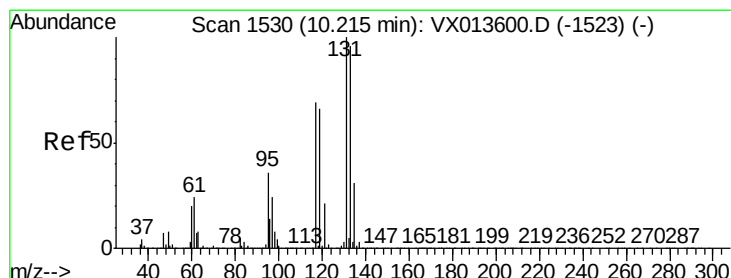
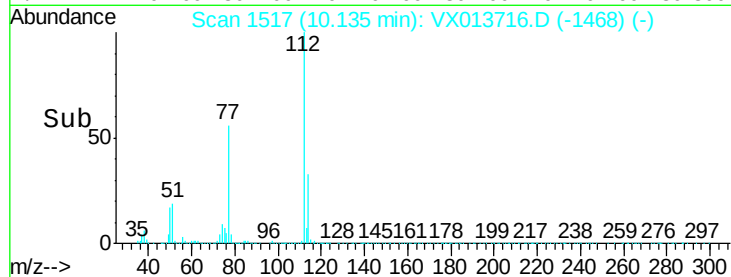
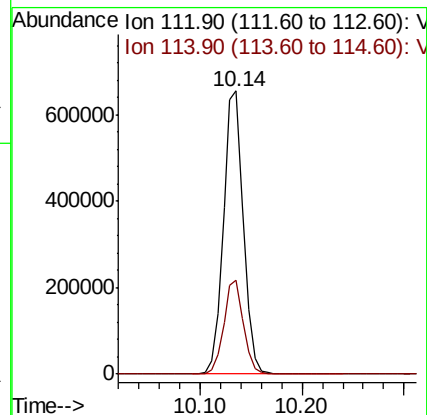
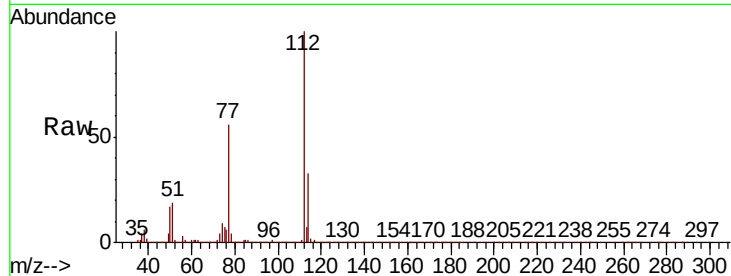
114 33.1 26.1 39.1

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.860 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

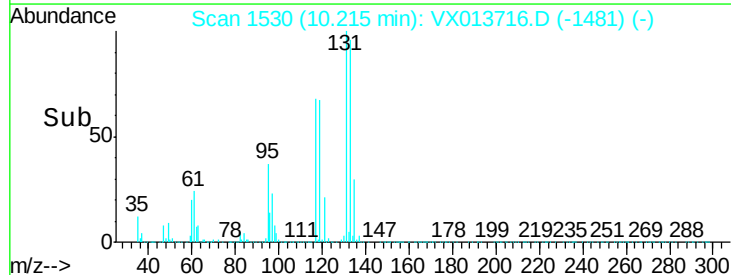
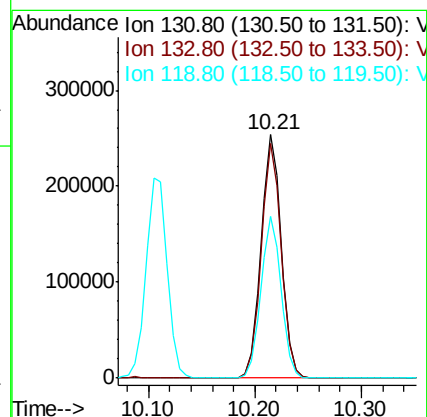
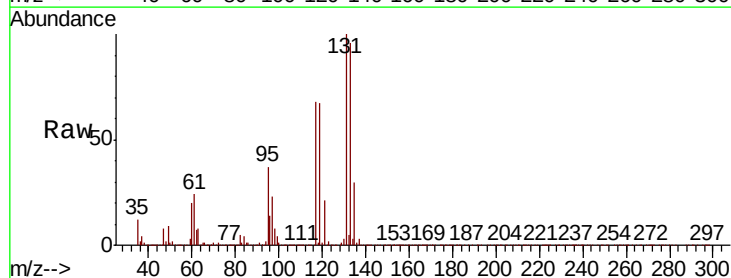
Tgt Ion:131 Resp: 338129

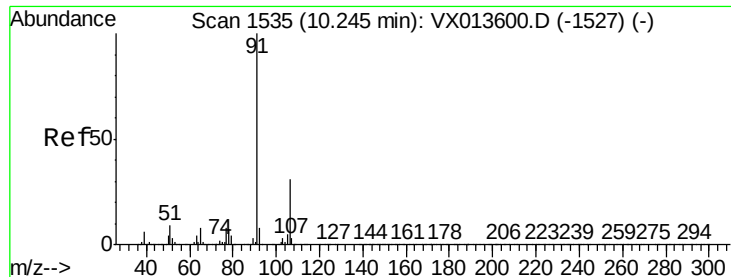
Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 66.3 32.9 98.6





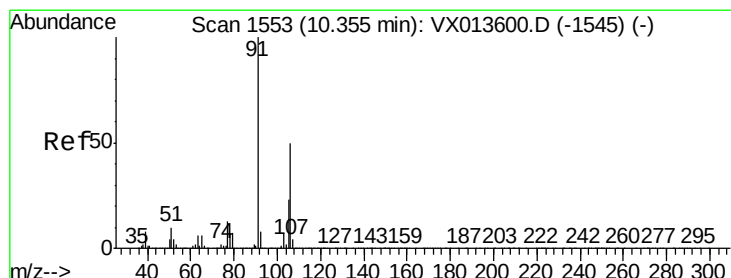
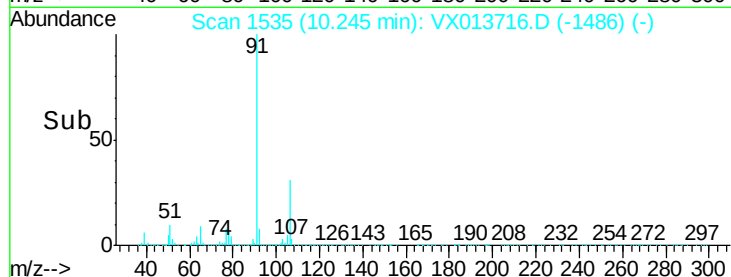
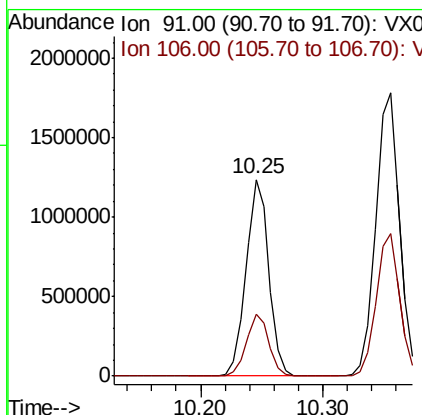
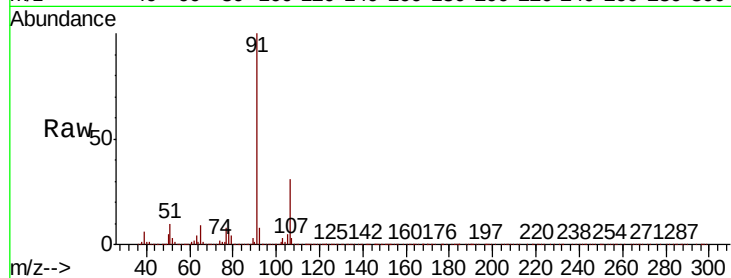
#67
Ethyl Benzene
Concen: 49.926 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1588355
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

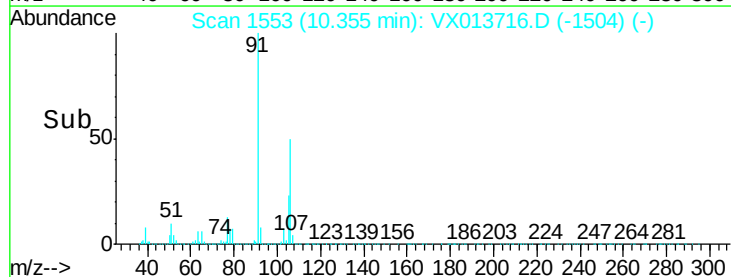
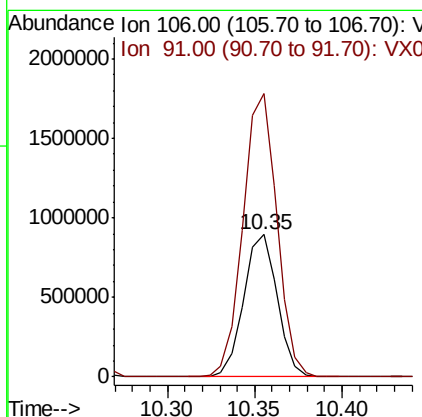
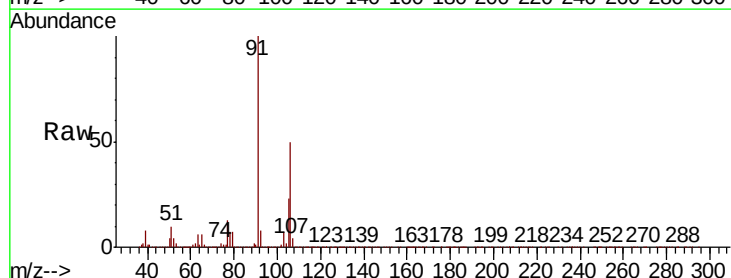
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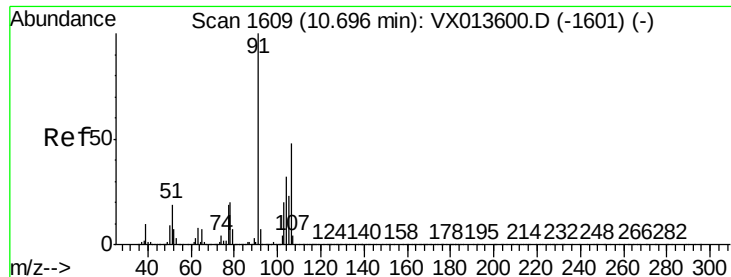
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#68
m/p-Xylenes
Concen: 98.521 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion: 106 Resp: 1200016
Ion Ratio Lower Upper
106 100
91 200.7 159.0 238.4





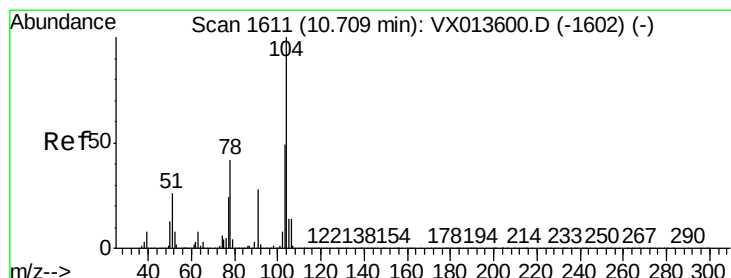
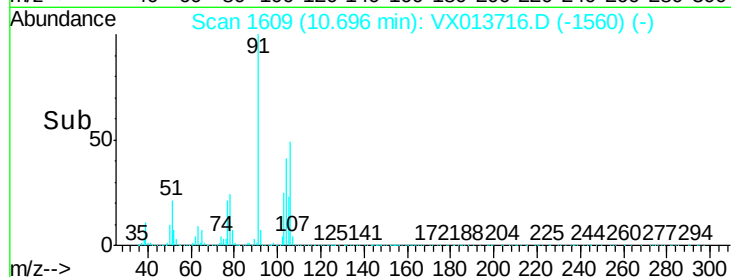
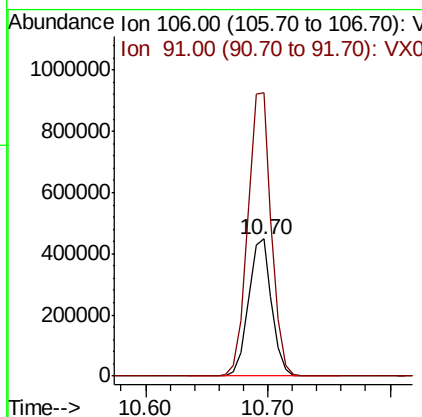
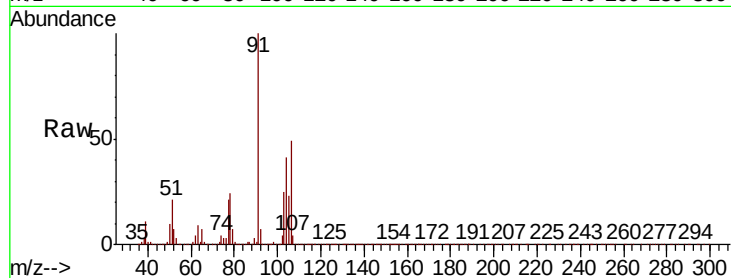
#69
o-Xylene
Concen: 49.607 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.6	104.1	312.2

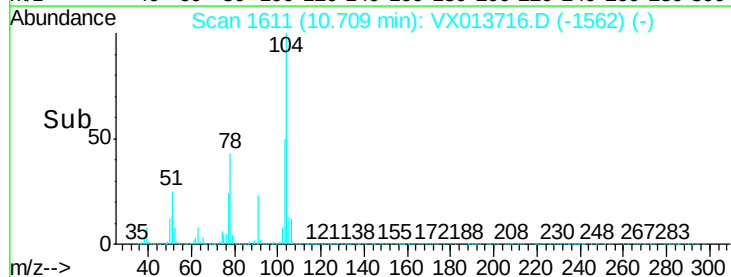
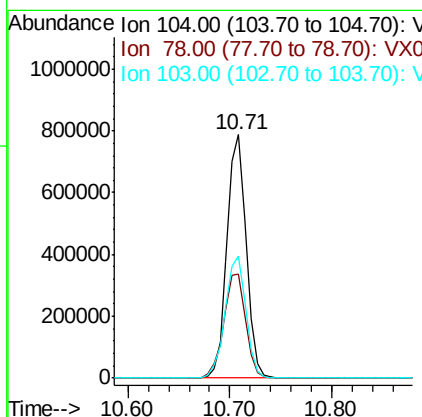
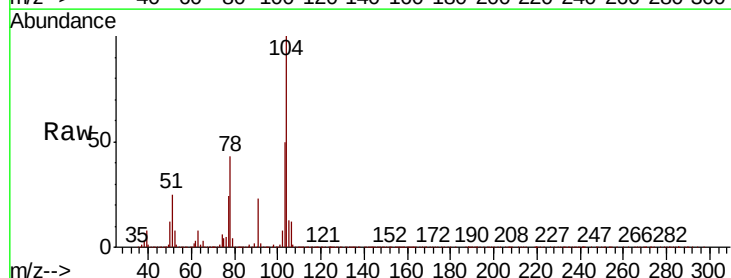
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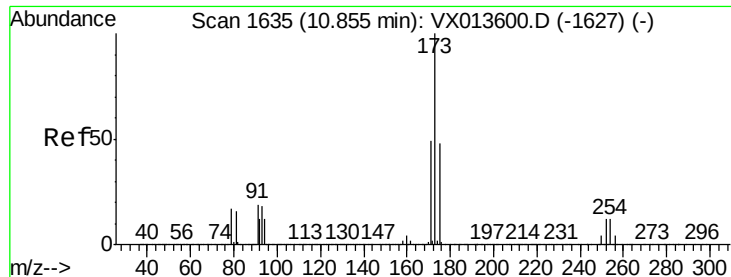
apatel
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#70
Styrene
Concen: 51.231 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.5	57.7
103	54.5	43.7	65.5





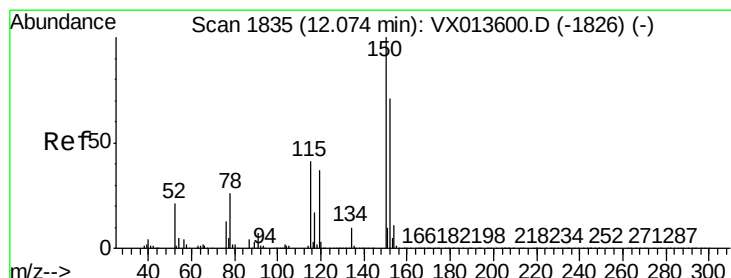
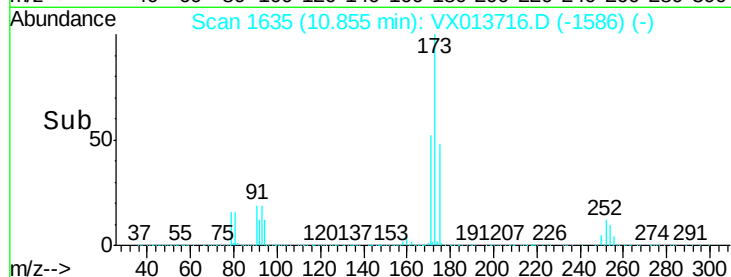
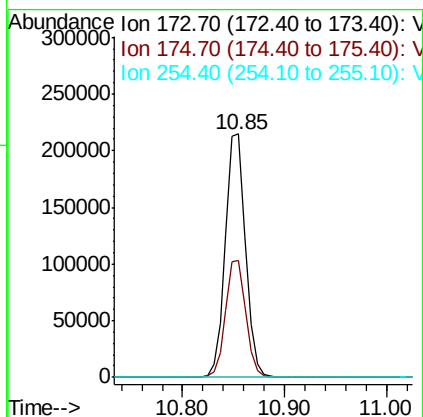
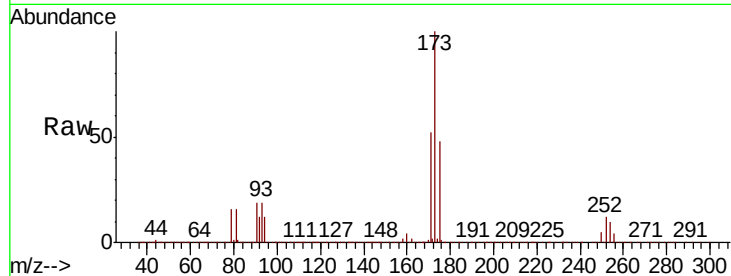
#71
Bromoform
Concen: 53.600 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.8
254	0.2	0.2	0.4

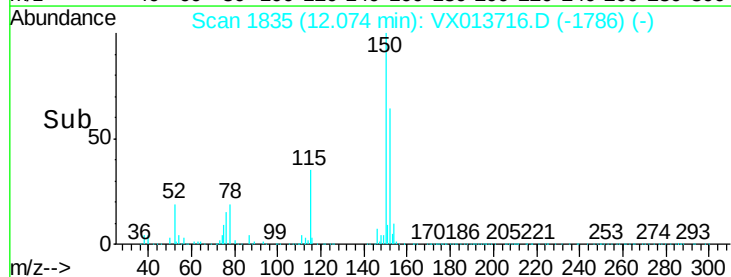
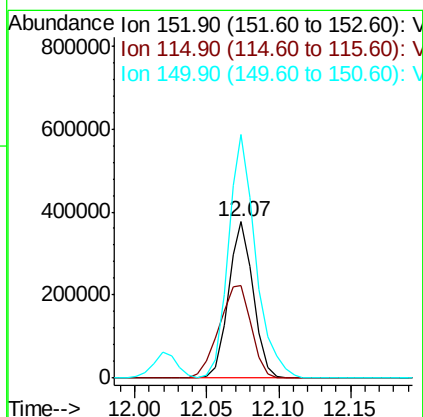
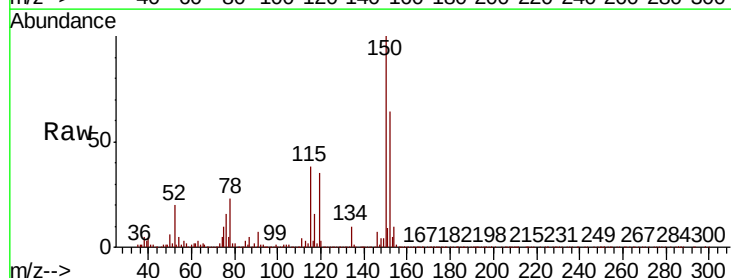
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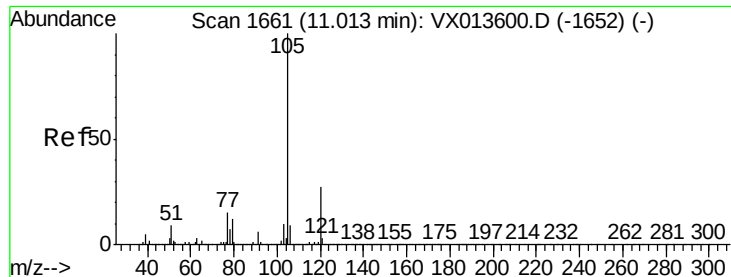
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	38.4	115.1
150	173.0	0.0	346.8





#73

Isopropylbenzene

Concen: 48.744 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1543804

Ion Ratio Lower Upper

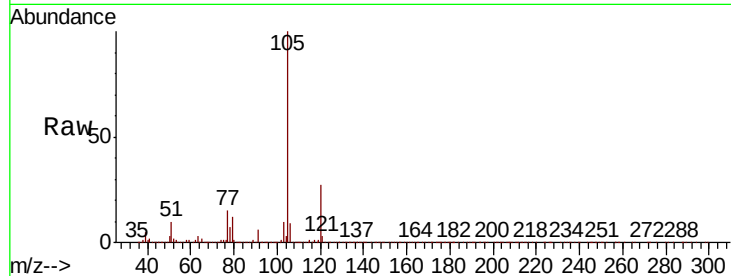
105 100

120 26.8 13.5 40.5

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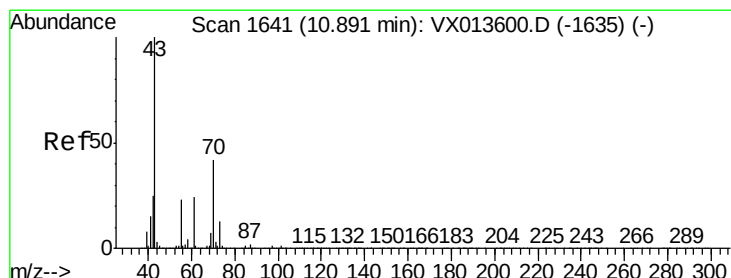
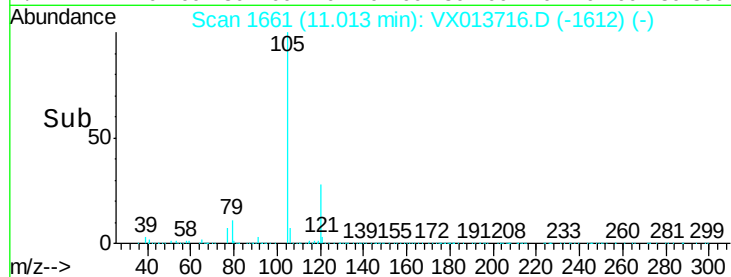
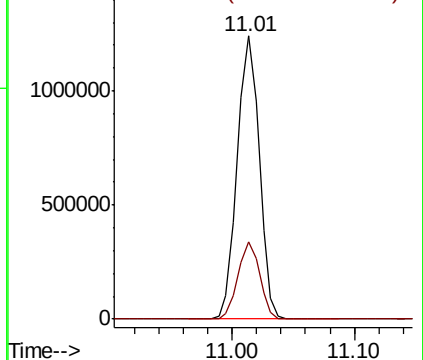
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.988 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion: 43 Resp: 754269

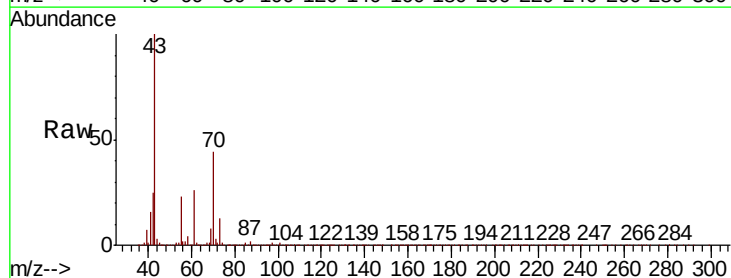
Ion Ratio Lower Upper

43 100

70 43.2 34.3 51.5

55 23.7 18.5 27.7

61 25.0 19.8 29.8

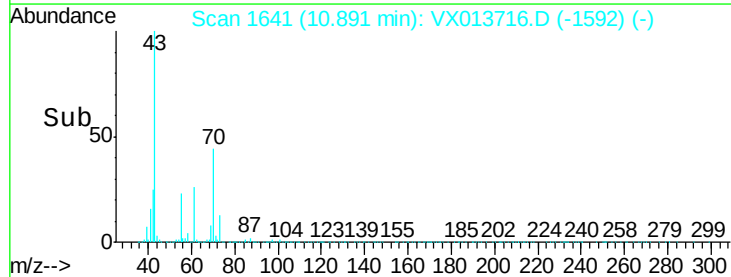
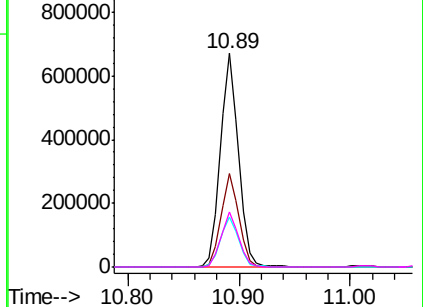


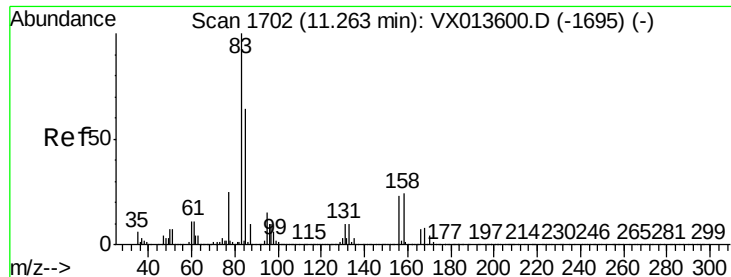
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.842 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

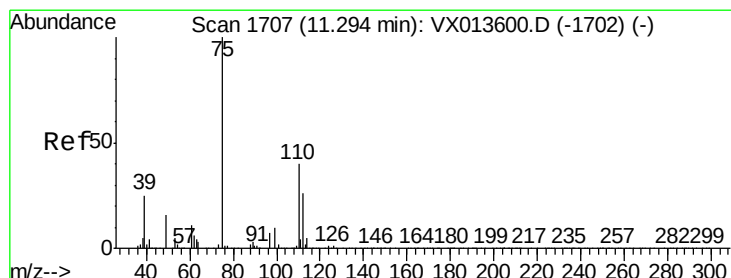
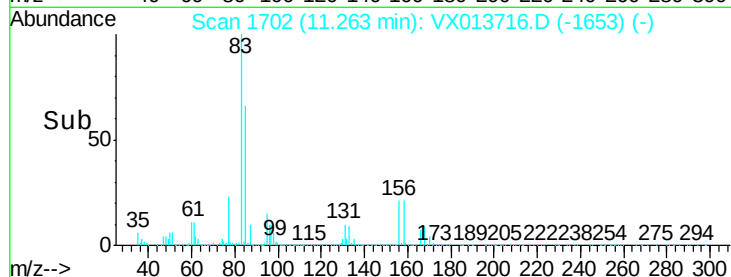
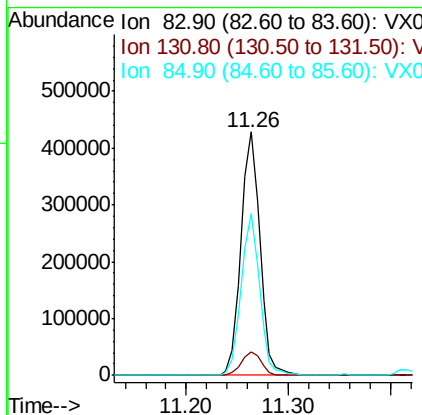
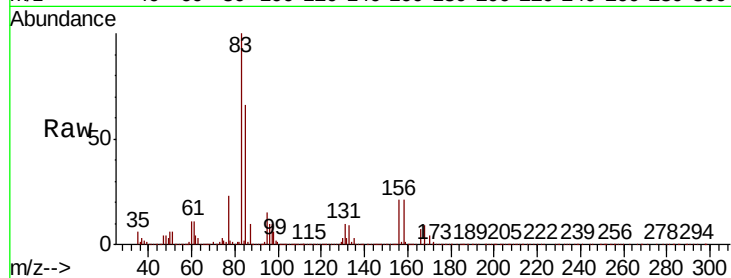
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	547444
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	65.2	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 51.209 ug/l m

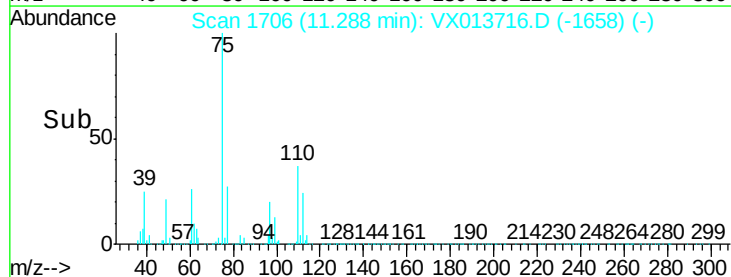
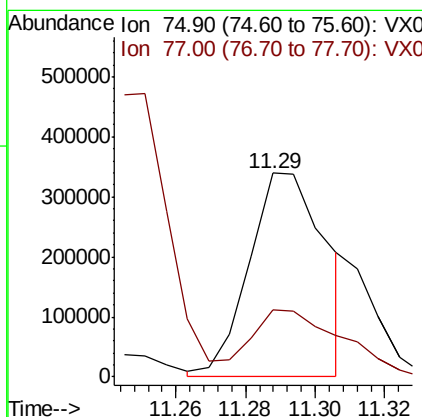
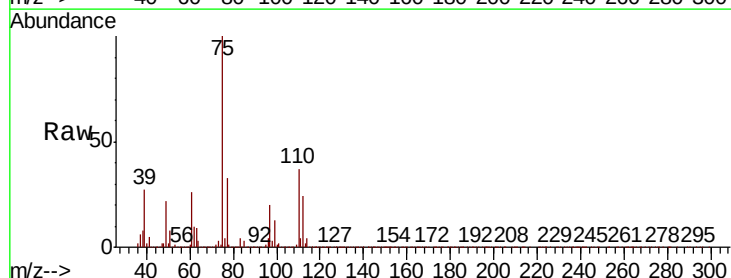
RT: 11.29 min Scan# 1706

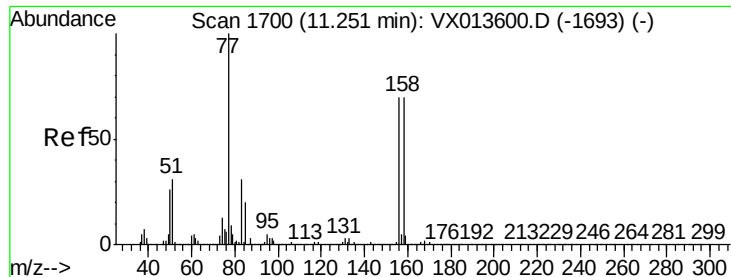
Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	75	Resp:	520044
Ion Ratio	Lower	Upper	
75	100		
77	40.0	19.1	57.5





#77

Bromobenzene

Concen: 47.638 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

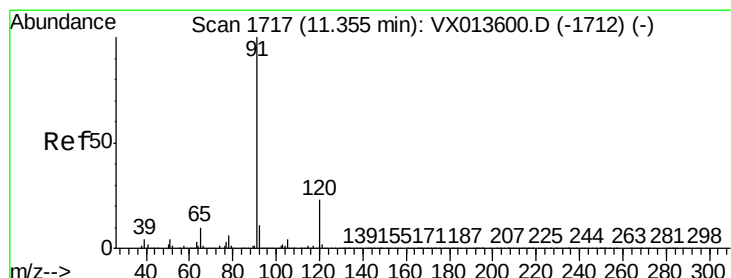
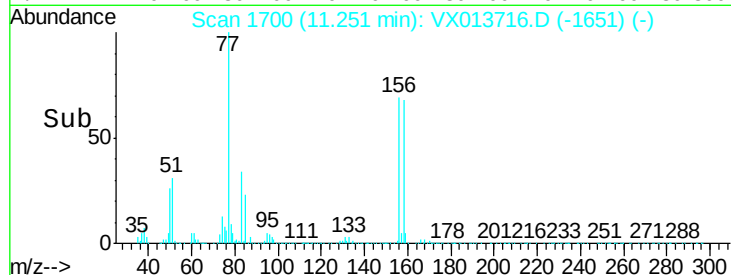
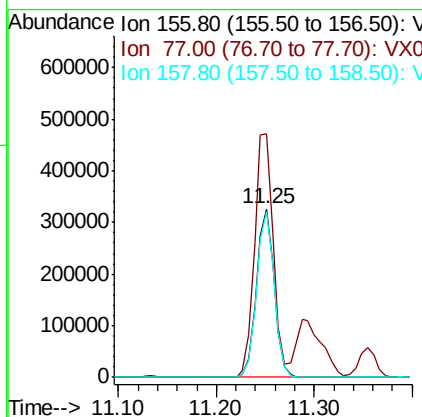
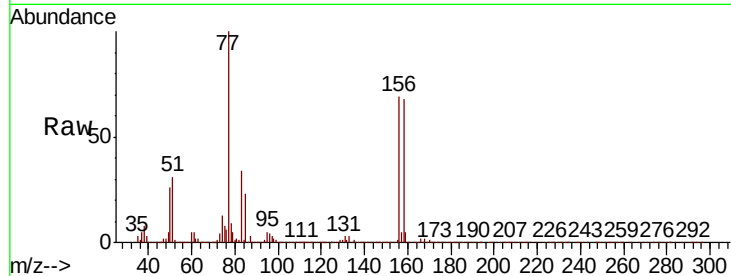
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	407604
Ion Ratio	Lower	Upper	
156	100		
77	152.6	74.4	223.1
158	98.3	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.837 ug/l

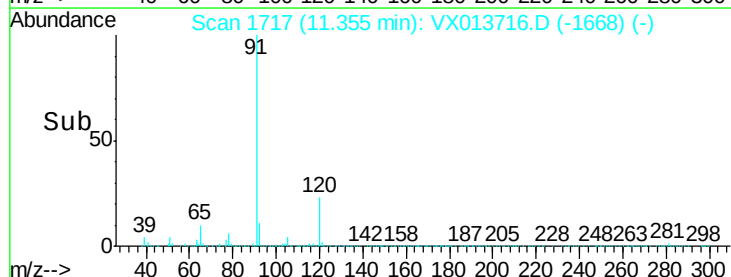
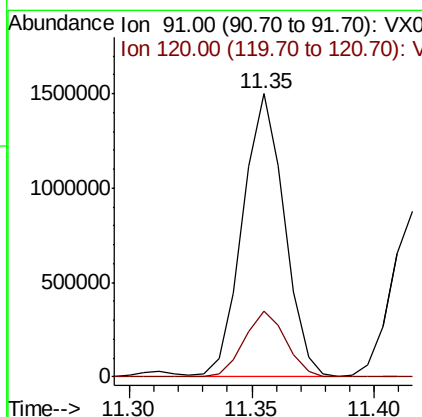
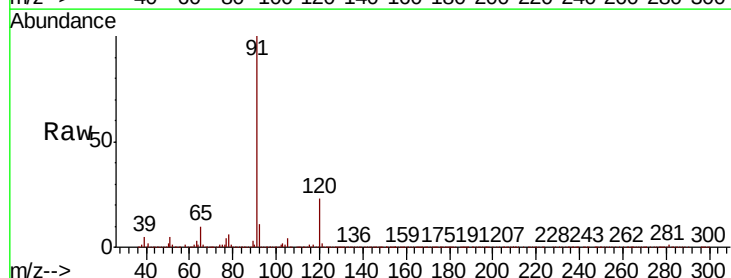
RT: 11.35 min Scan# 1717

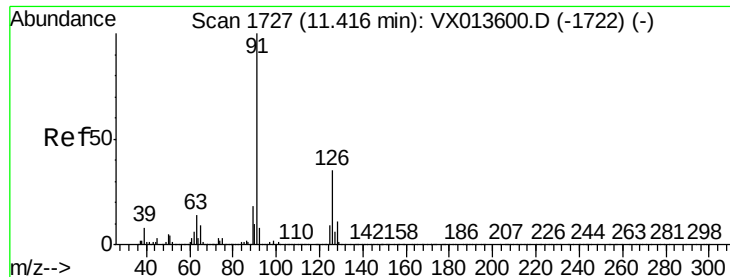
Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	91	Resp:	1762037
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 49.144 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1042284

Ion Ratio Lower Upper

91 100

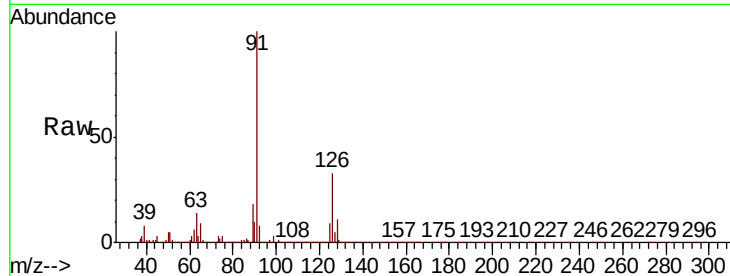
126 34.3 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)

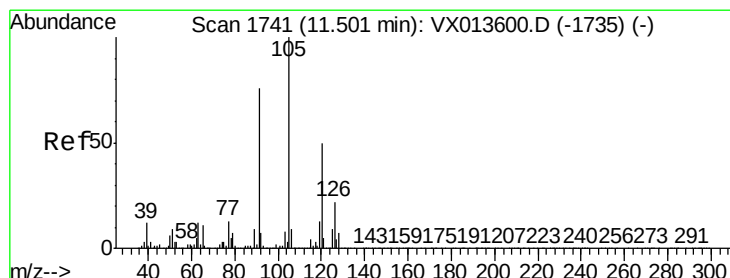
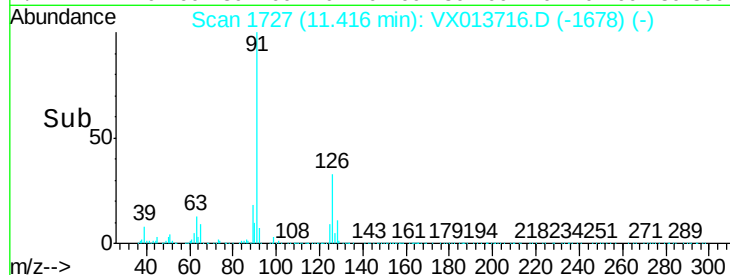
1500000

1000000

500000

0

Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 50.189 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013716.D

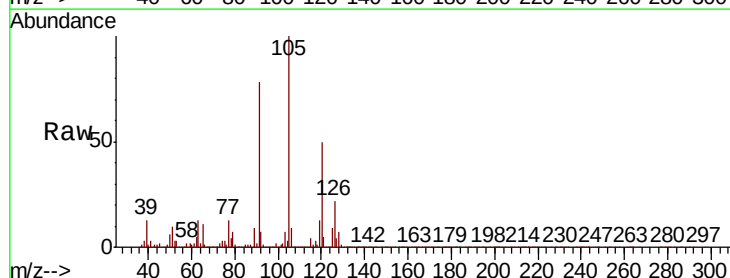
Acq: 03 Dec 2019 11:30

Tgt Ion: 105 Resp: 1302802

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)

1200000

1000000

800000

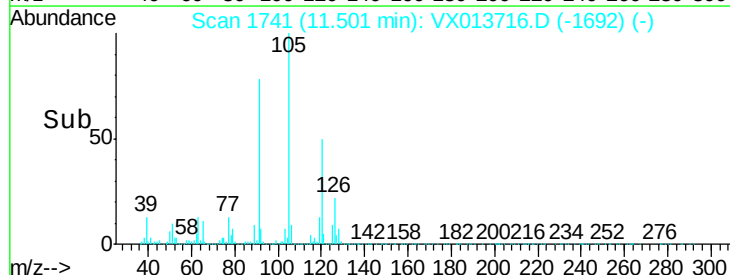
600000

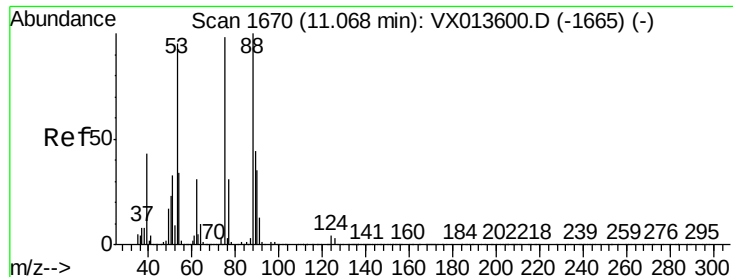
400000

200000

0

Time--> 11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 52.902 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

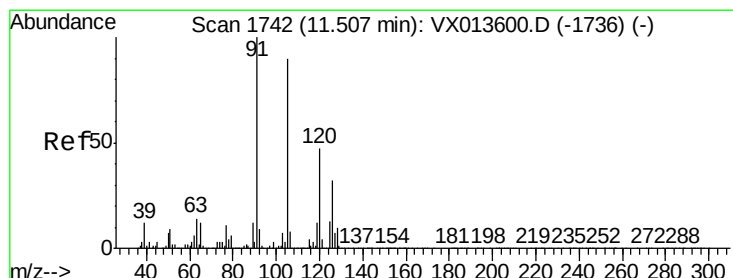
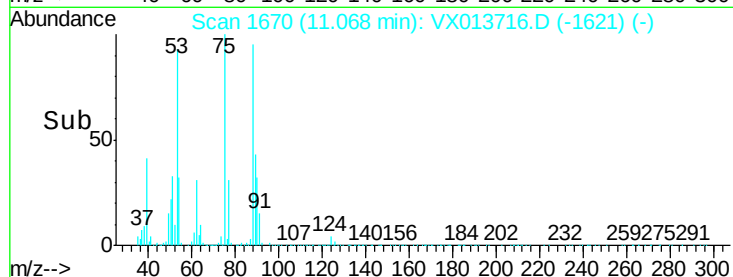
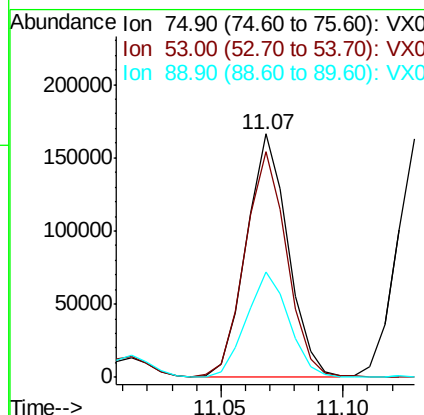
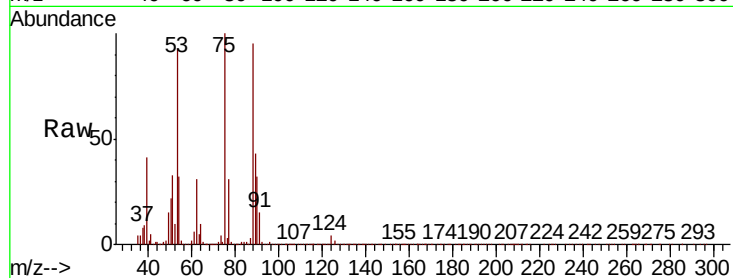
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	196370
Ion Ratio	Lower	Upper	
75	100		
53	92.9	78.2	117.2
89	43.9	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.225 ug/l

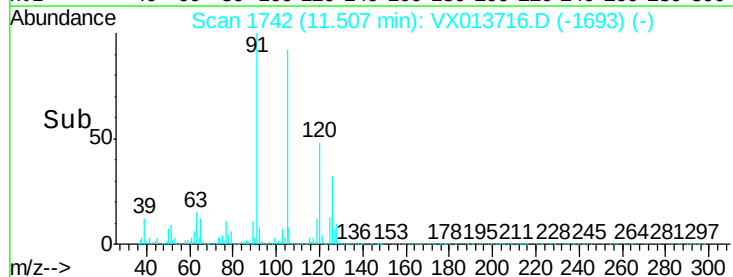
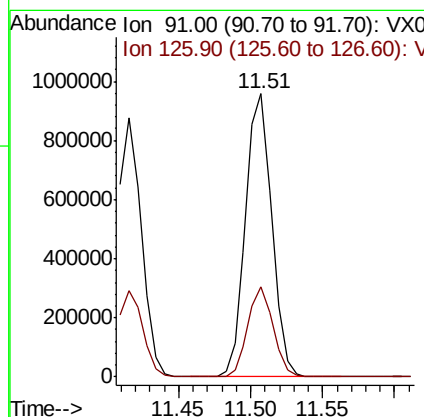
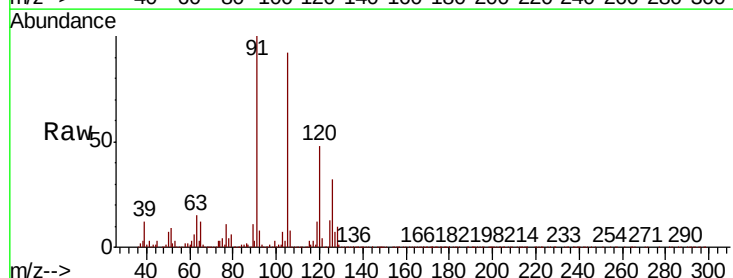
RT: 11.51 min Scan# 1742

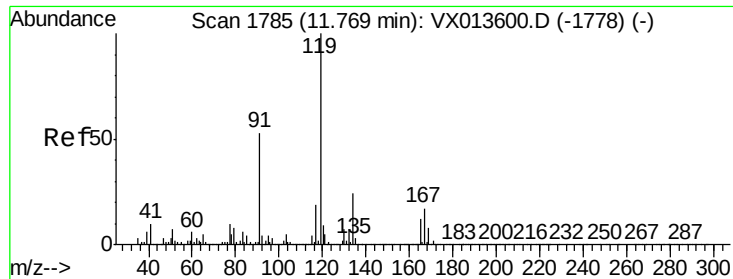
Delta R.T. -0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	91	Resp:	1209197
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.7	47.0





#83

tert-Butylbenzene

Concen: 49.312 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

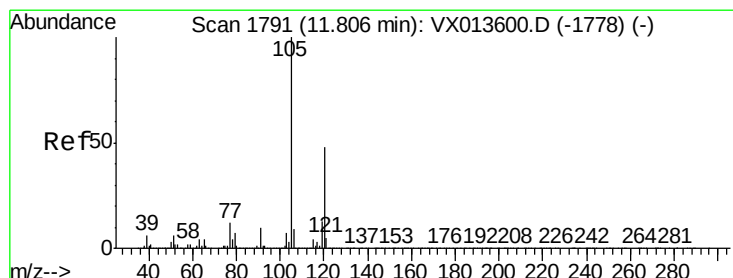
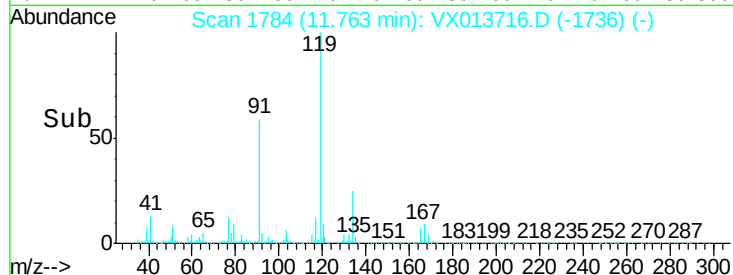
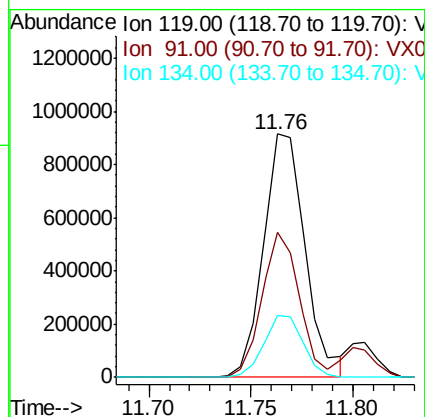
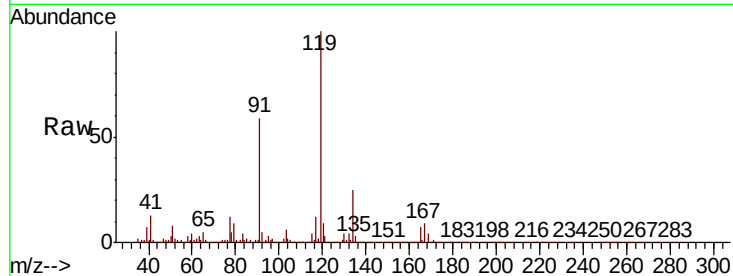
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1300893
Ion	Ratio	Lower	Upper
119	100		
91	53.3	27.2	81.6
134	23.8	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 49.643 ug/l

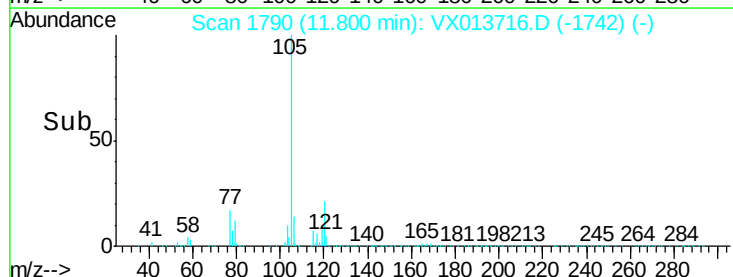
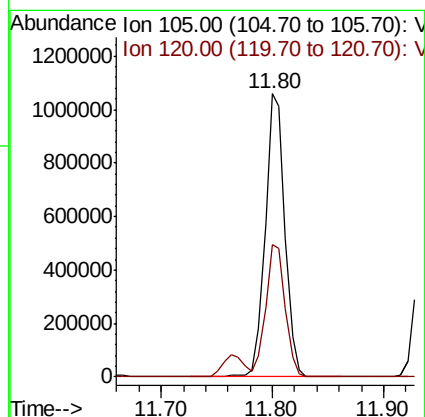
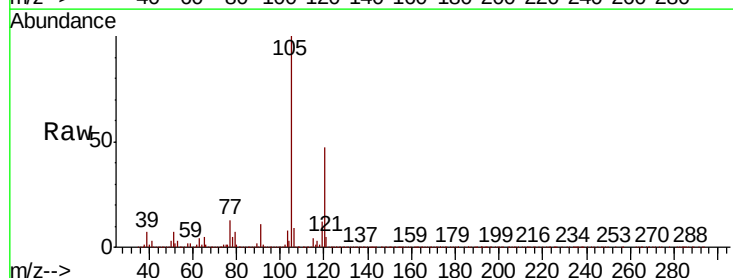
RT: 11.80 min Scan# 1790

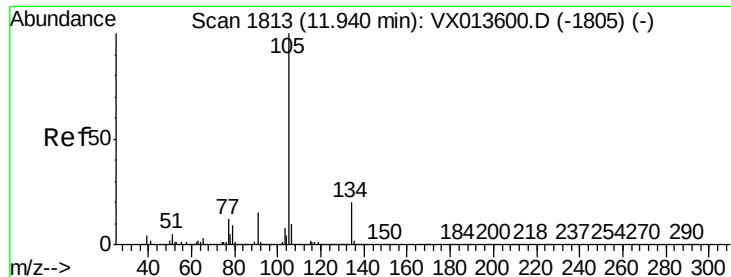
Delta R.T. -0.01 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Tgt Ion:	105	Resp:	1307834
Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 49.796 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1500503

Ion Ratio Lower Upper

105 100

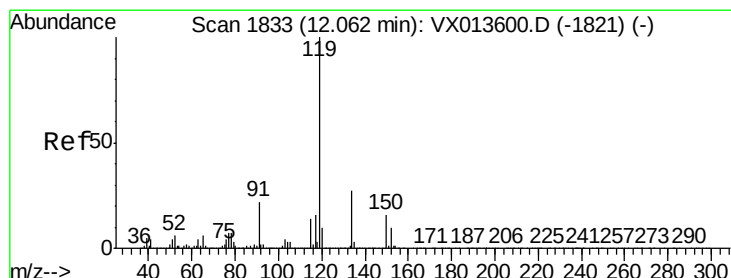
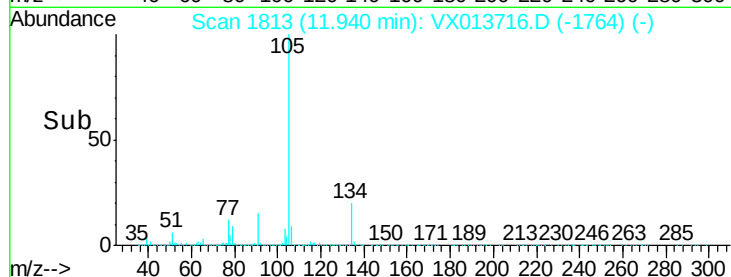
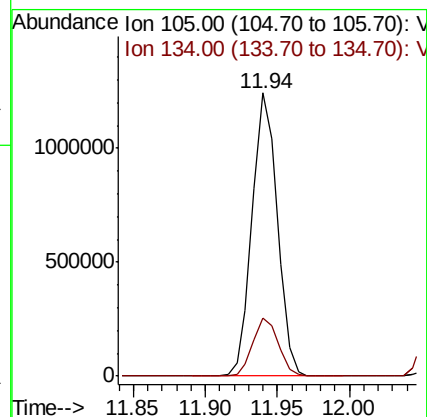
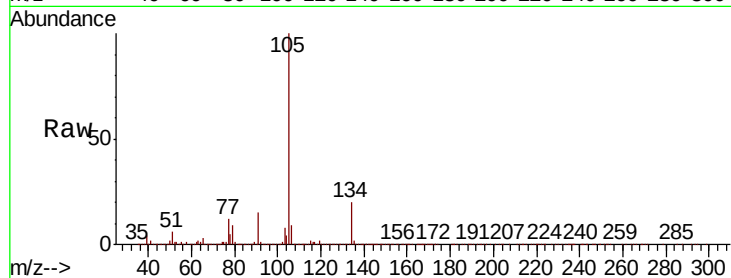
134 20.7 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 49.458 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013716.D

Acq: 03 Dec 2019 11:30

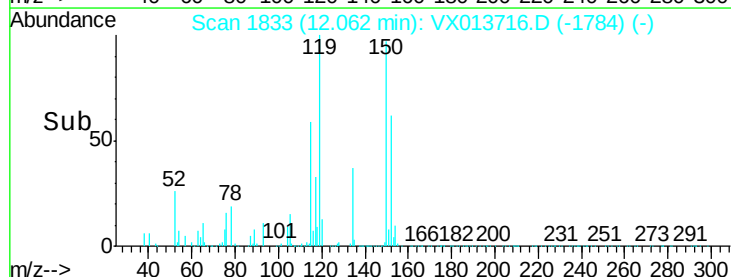
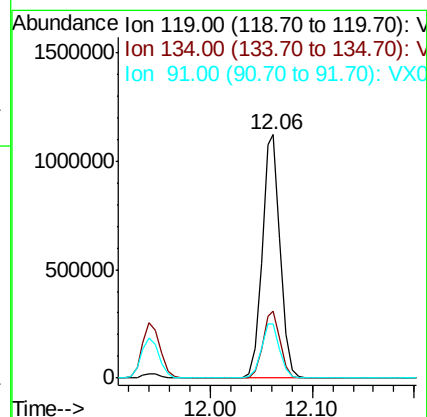
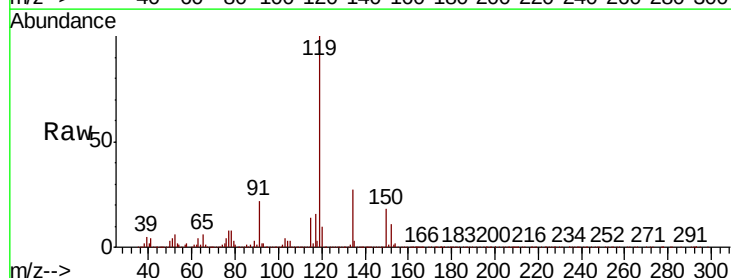
Tgt Ion:119 Resp: 1386444

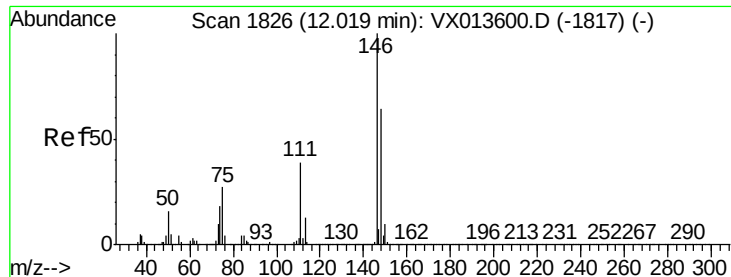
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 22.5 11.3 33.8





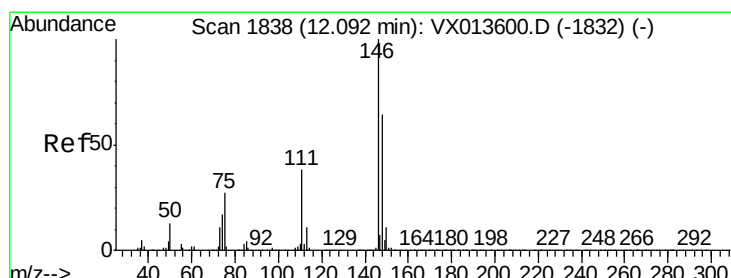
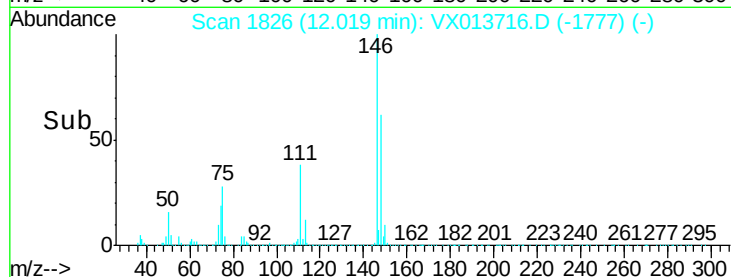
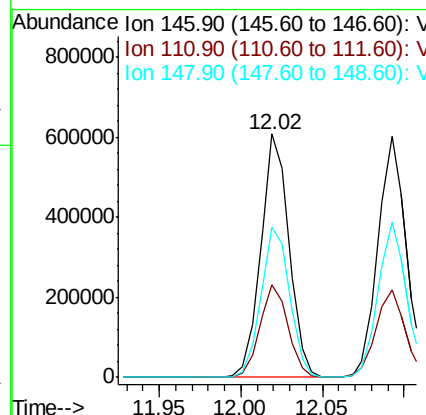
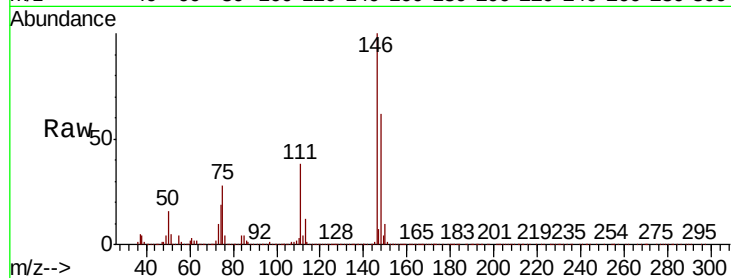
#87
 1,3-Dichlorobenzene
 Concen: 49.010 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.2	31.8	95.4

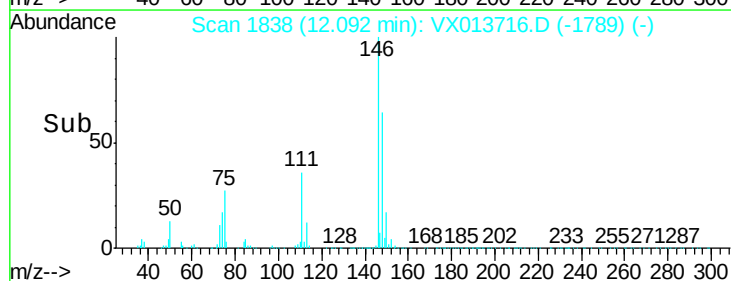
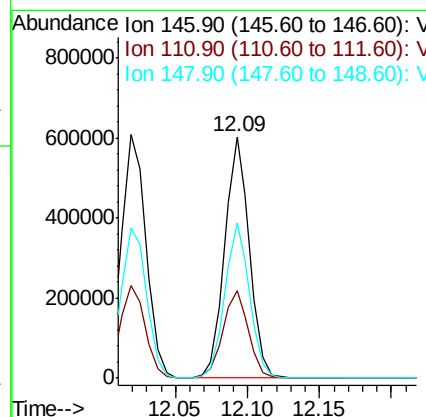
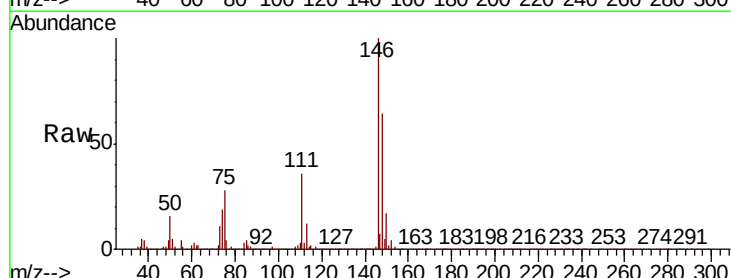
Manual Integrations
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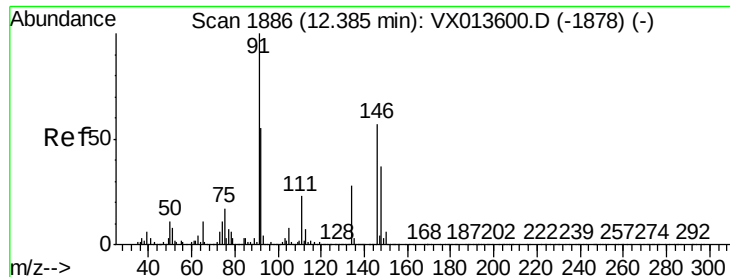
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#88
 1,4-Dichlorobenzene
 Concen: 47.662 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	64.6	31.9	95.5





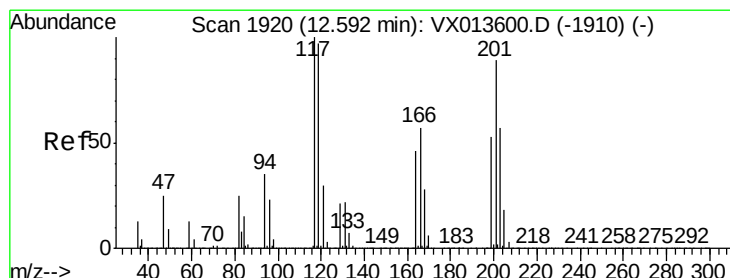
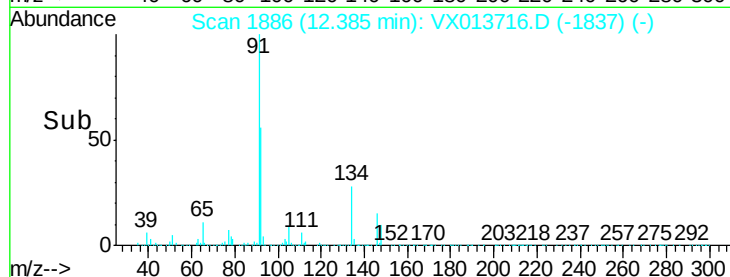
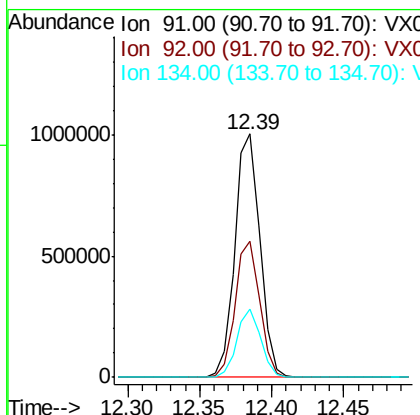
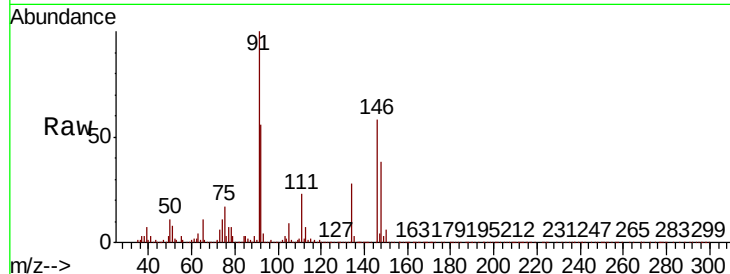
#89
n-Butylbenzene
Concen: 51.068 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.2
134	26.9	13.5	40.4

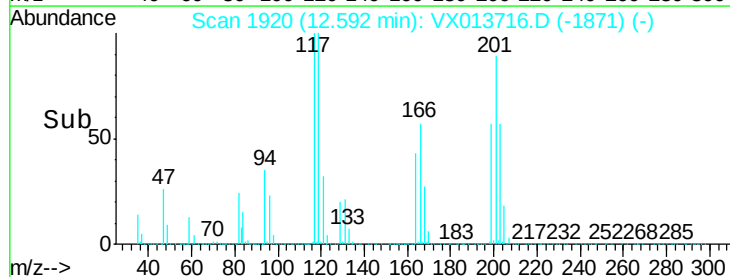
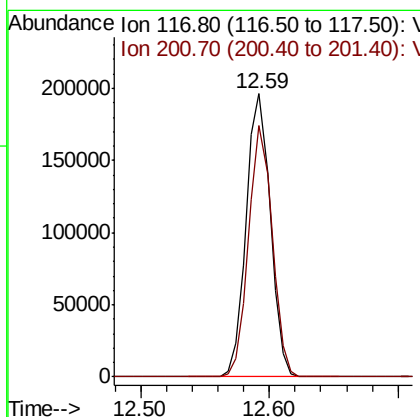
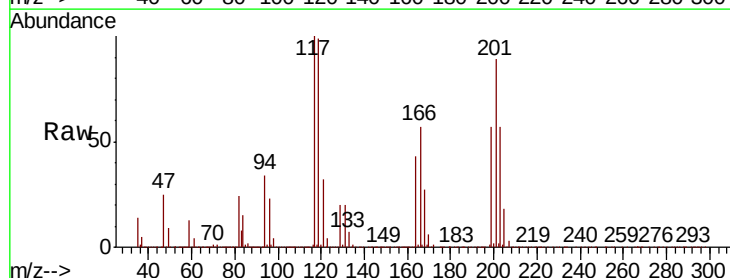
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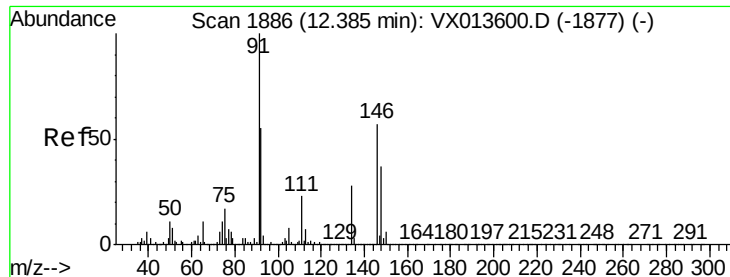
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#90
Hexachloroethane
Concen: 49.818 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	44.1	132.4





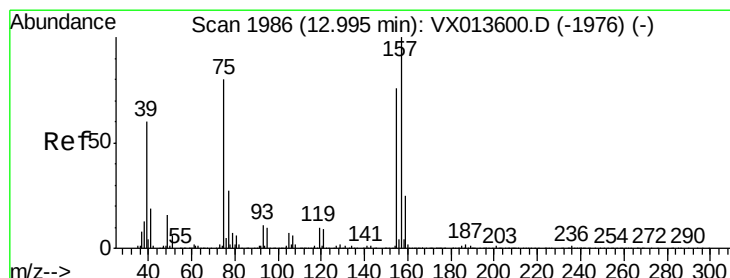
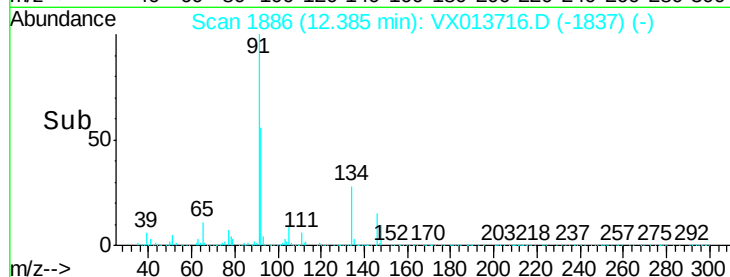
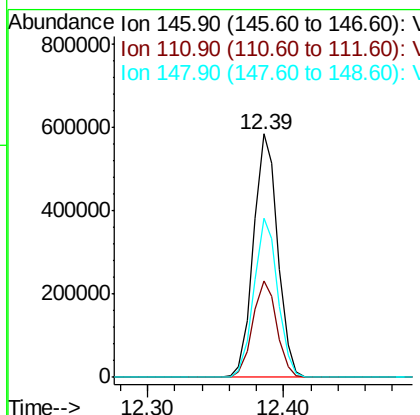
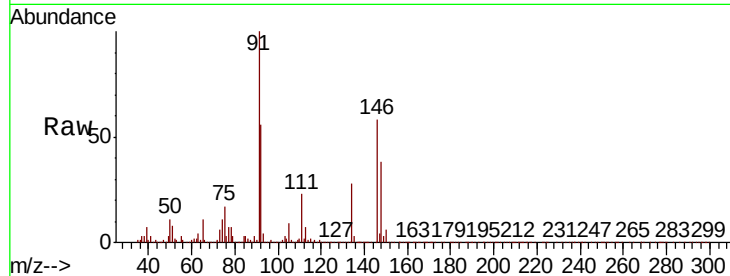
#91
 1,2-Dichlorobenzene
 Concen: 49.660 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.3	31.9	95.7

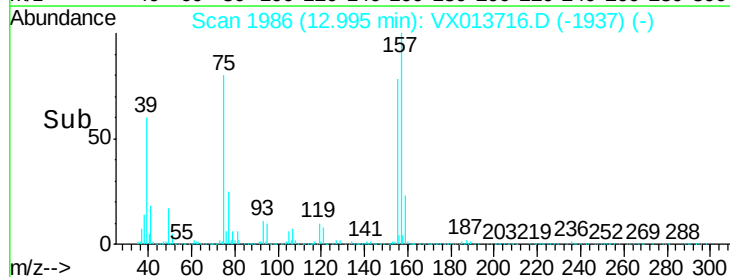
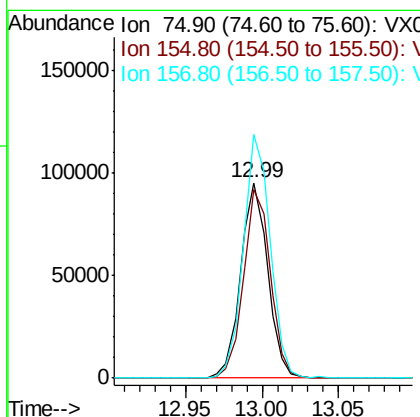
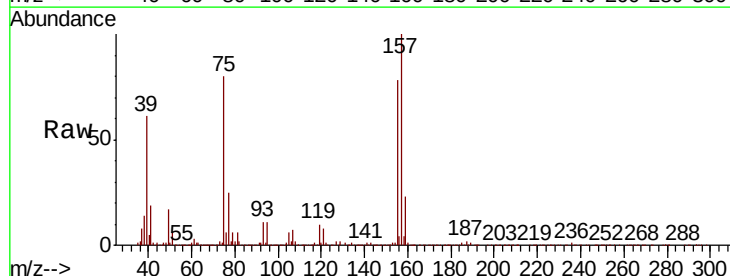
Manual Integrations
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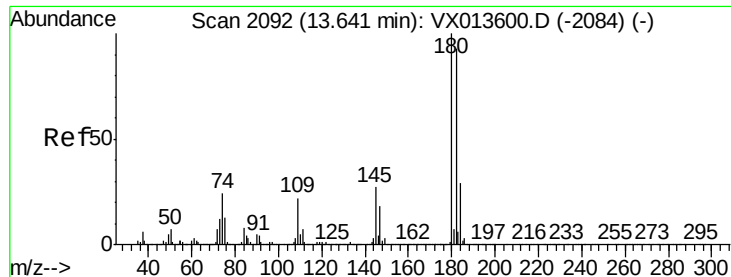
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.441 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	47.6	142.8
157	125.6	62.1	186.2





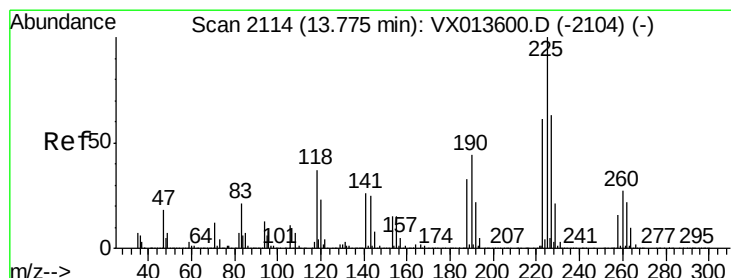
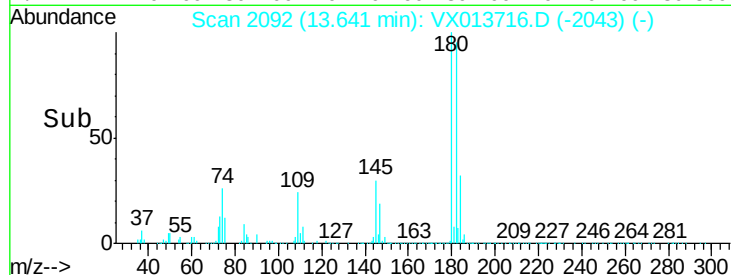
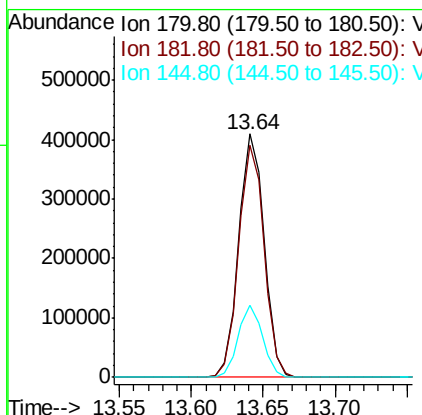
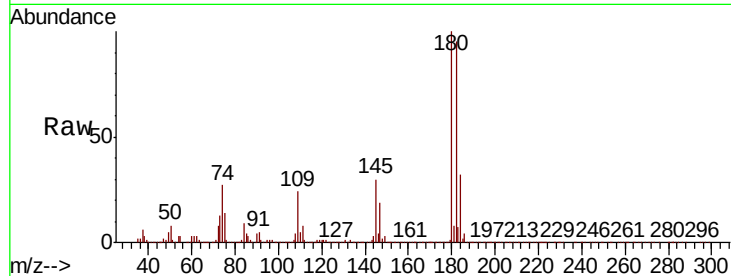
#93
 1,2,4-Trichlorobenzene
 Concen: 49.063 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	503896
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.2	141.6
145	28.7	13.8	41.4

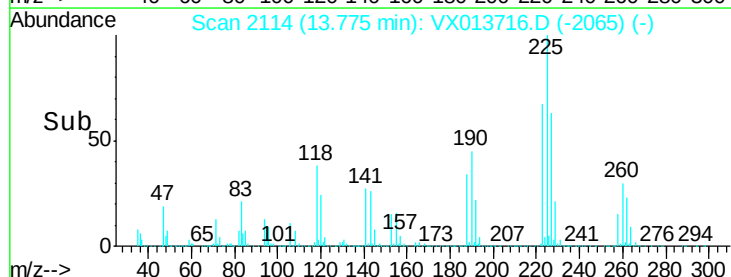
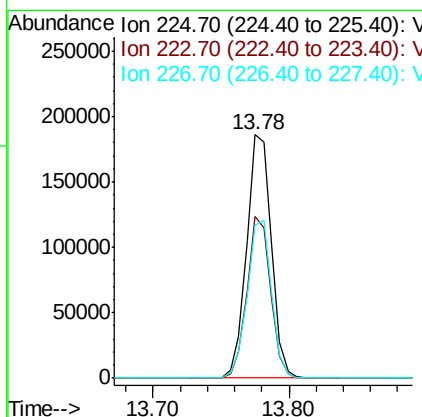
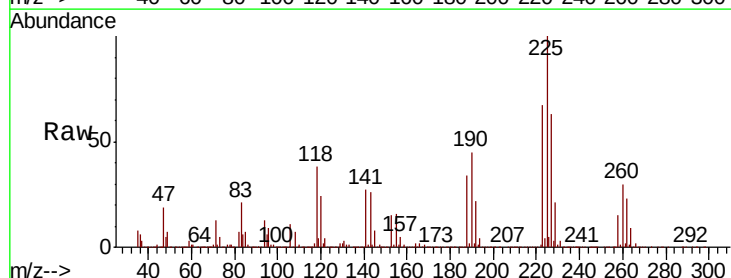
Manual Integrations
 APPROVED

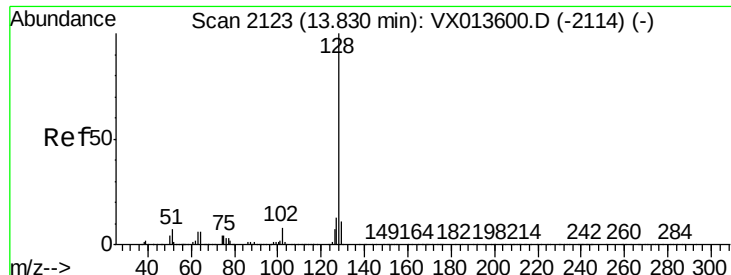
apatel
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#94
 Hexachlorobutadiene
 Concen: 47.901 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013716.D
 Acq: 03 Dec 2019 11:30

Tgt Ion:	225	Resp:	236329
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.9	95.5
227	63.9	32.1	96.3





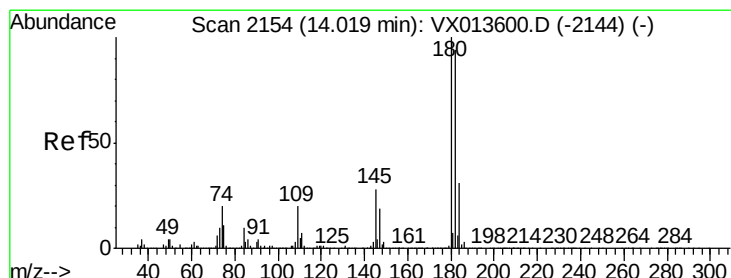
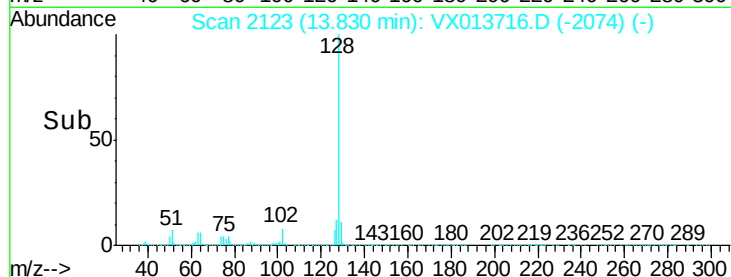
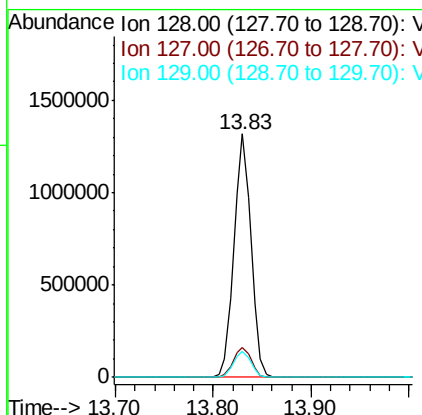
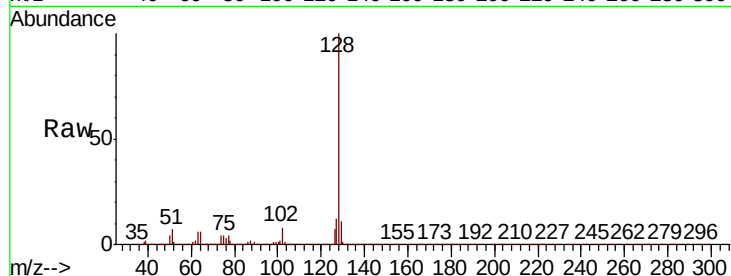
#95
Naphthalene
Concen: 51.881 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 50.417 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013716.D
Acq: 03 Dec 2019 11:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	29.8	15.0	45.0

