

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013967.D
 Acq On : 12 Dec 2019 09:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/13/2019 11:25:07 AM

Quant Time: Dec 13 02:56:27 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	5.64	168	573394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	860752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	786014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	427110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	317577	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	5.48	113	272299	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	1010827	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.13	95	399879	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	310252	48.612	ug/l	100
3) Chloromethane	1.31	50	331259	46.257	ug/l	99
4) Vinyl Chloride	1.40	62	385938	47.882	ug/l	100
5) Bromomethane	1.62	94	264405	48.846	ug/l	97
6) Chloroethane	1.70	64	208741	45.511	ug/l	99
7) Trichlorofluoromethane	1.90	101	434508	48.548	ug/l	100
8) Diethyl Ether	2.18	74	203039	50.144	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	282057	51.594	ug/l	99
10) Methyl Iodide	2.49	142	333392	50.414	ug/l	99
11) Tert butyl alcohol	3.07	59	335075m	203.957	ug/l	
12) 1,1-Dichloroethene	2.36	96	268529	49.210	ug/l	100
13) Acrolein	2.28	56	276967	252.035	ug/l	98
14) Allyl chloride	2.71	41	494496	49.935	ug/l	99
15) Acrylonitrile	3.13	53	823437	242.818	ug/l	100
16) Acetone	2.44	43	949864	289.059	ug/l	100
17) Carbon Disulfide	2.55	76	639177	41.089	ug/l	100
18) Methyl Acetate	2.76	43	480913	52.557	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	937649	51.869	ug/l	98
20) Methylene Chloride	2.84	84	341595	54.109	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	287458	48.356	ug/l	97
22) Diisopropyl ether	3.84	45	1030226	54.029	ug/l	96
23) Vinyl Acetate	3.80	43	4122762	259.903	ug/l	99
24) 1,1-Dichloroethane	3.68	63	550593	52.820	ug/l	100
25) 2-Butanone	4.66	43	1275700	261.216	ug/l	100
26) 2,2-Dichloropropane	4.56	77	444931	51.590	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	339686	49.758	ug/l	98
28) Bromochloromethane	5.00	49	227204	55.157	ug/l	95
29) Tetrahydrofuran	5.11	42	731450	242.954	ug/l	99
30) Chloroform	5.19	83	530418	50.175	ug/l	95
31) Cyclohexane	5.56	56	485890	49.420	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	449274	50.856	ug/l	100
36) 1,1-Dichloropropene	5.78	75	397531	50.878	ug/l	99
37) Ethyl Acetate	4.82	43	442655	50.500	ug/l	100
38) Carbon Tetrachloride	5.77	117	379753	52.709	ug/l	99

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 ClientSampleID :
 VSTDCCC050

Manual Integrations
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 12/13/2019 11:25:07 AM

Quant Time: Dec 13 02:56:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	497306	51.491	ug/l	99
40) Benzene	6.12	78	1231037	51.730	ug/l	100
41) Methacrylonitrile	5.03	41	253972	52.832	ug/l	99
42) 1,2-Dichloroethane	6.18	62	431699	53.192	ug/l	99
43) Isopropyl Acetate	6.43	43	740351	51.303	ug/l	99
44) Trichloroethene	7.20	130	331823	50.807	ug/l	96
45) 1,2-Dichloropropane	7.50	63	330100	55.442	ug/l	98
46) Dibromomethane	7.65	93	206918	51.169	ug/l	99
47) Bromodichloromethane	7.89	83	416110	54.431	ug/l	99
48) Methyl methacrylate	7.76	41	377240	53.802	ug/l	99
49) 1,4-Dioxane	7.74	88	136265	868.226	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2459930	270.997	ug/l	99
52) Toluene	8.78	92	779503	52.727	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	464154	53.342	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	517070	54.391	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	327888	55.037	ug/l	98
56) Ethyl methacrylate	9.17	69	528582	55.185	ug/l	100
57) 1,3-Dichloropropane	9.36	76	549198	53.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	986900	262.794	ug/l	99
59) 2-Hexanone	9.49	43	1960584	276.933	ug/l	99
60) Dibromochloromethane	9.57	129	339938	54.982	ug/l	99
61) 1,2-Dibromoethane	9.67	107	332404	52.241	ug/l	99
64) Tetrachloroethene	9.33	164	309227	52.755	ug/l	97
65) Chlorobenzene	10.14	112	847436	51.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	322284	54.996	ug/l	99
67) Ethyl Benzene	10.25	91	1508680	53.799	ug/l	98
68) m/p-Xylenes	10.35	106	1161824	108.214	ug/l	99
69) o-Xylene	10.70	106	566234	54.076	ug/l	99
70) Styrene	10.71	104	996443	56.570	ug/l	99
71) Bromoform	10.85	173	272739	56.249	ug/l #	100
73) Isopropylbenzene	11.01	105	1522150	50.806	ug/l	100
74) N-amyl acetate	10.89	43	720050	52.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	550102	52.945	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	424189m	44.157	ug/l	
77) Bromobenzene	11.25	156	398730	49.263	ug/l	97
78) n-propylbenzene	11.35	91	1770529	52.939	ug/l	100
79) 2-Chlorotoluene	11.42	91	1047629	52.218	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1309420	53.326	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	177237	50.475	ug/l	99
82) 4-Chlorotoluene	11.51	91	1221618	52.573	ug/l	99
83) tert-Butylbenzene	11.76	119	1335065	53.499	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1330593	53.393	ug/l	100
85) sec-Butylbenzene	11.94	105	1537765	53.949	ug/l	99
86) p-Isopropyltoluene	12.06	119	1441559	54.363	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	735310	52.117	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	737174	51.297	ug/l	99
89) n-Butylbenzene	12.39	91	1262274	55.812	ug/l	100
90) Hexachloroethane	12.59	117	259360	54.111	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	739558	53.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	108396	47.908	ug/l	98

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ClientSampleId :
VSTDCCC050

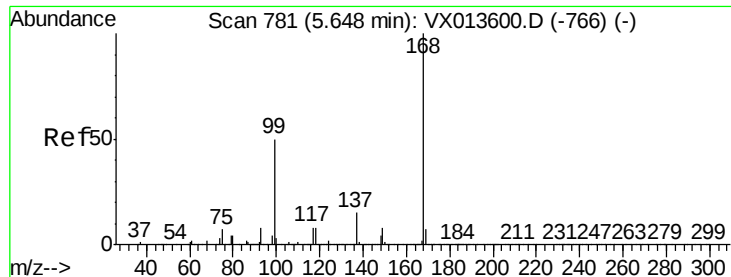
Manual Integrations
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Quant Time: Dec 13 02:56:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	508310	52.321	ug/l	99
94) Hexachlorobutadiene	13.78	225	240820	51.601	ug/l	98
95) Naphthalene	13.83	128	1454681	50.279	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	484133	50.330	ug/l	98

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



#1

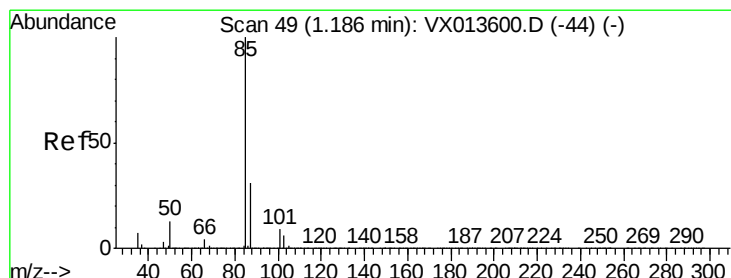
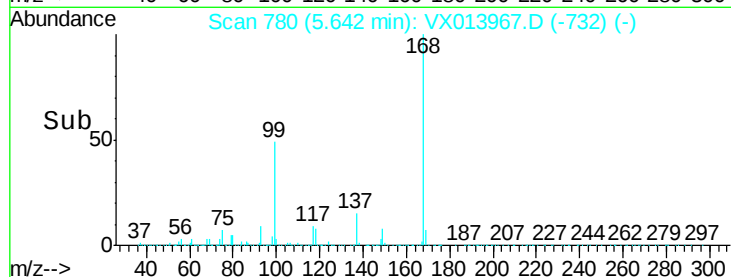
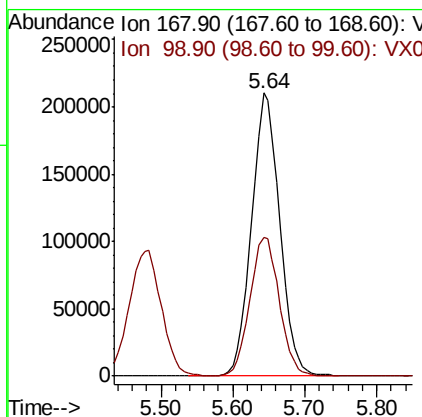
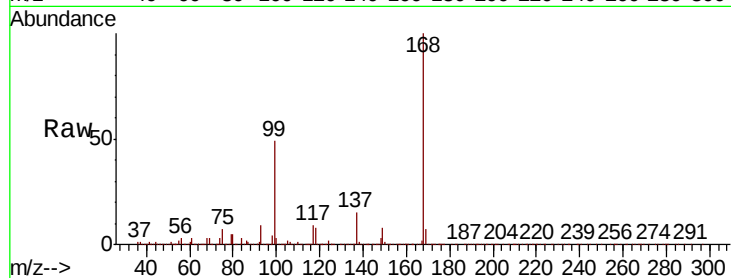
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: VX013967.D
 Acq: 12 Dec 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.8	59.8

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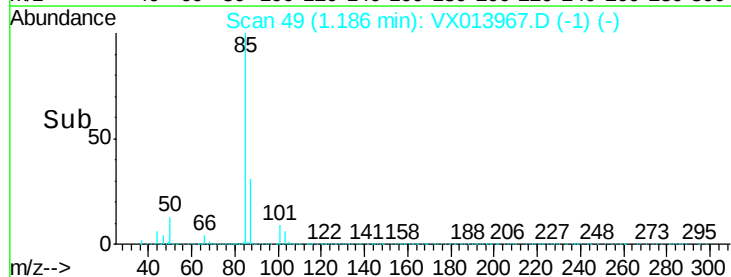
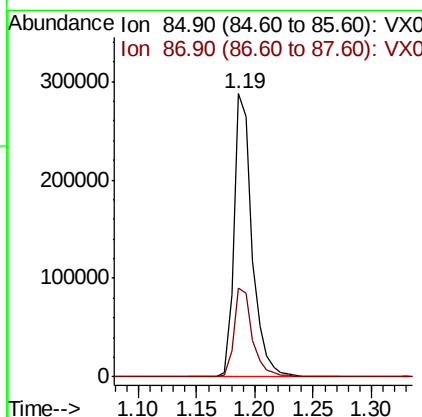
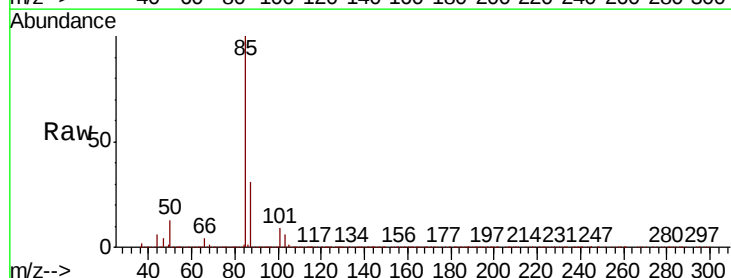
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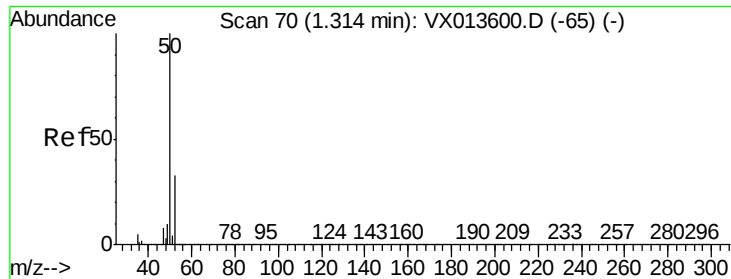


#2

Dichlorodifluoromethane
 Concen: 48.612 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013967.D
 Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	15.7	47.1





#3

Chloromethane

Concen: 46.257 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 331259

Ion Ratio Lower Upper

50 100

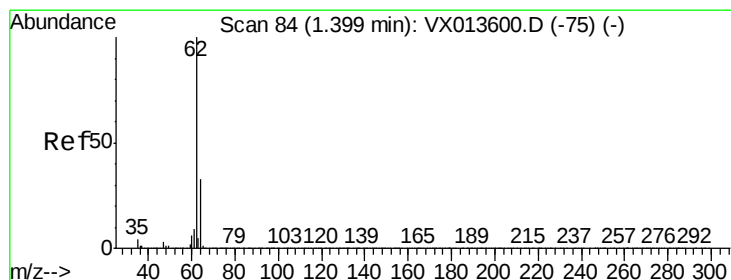
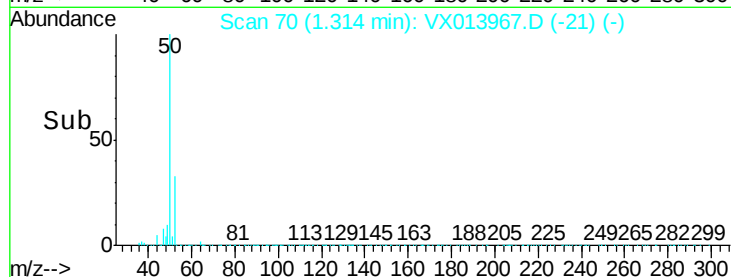
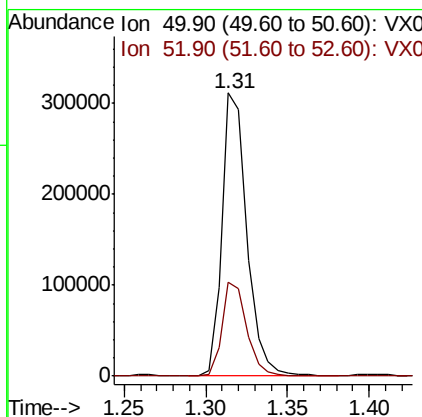
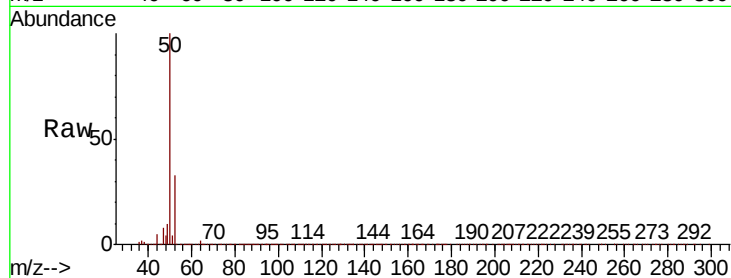
52 33.2 26.0 39.0

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#4

Vinyl Chloride

Concen: 47.882 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013967.D

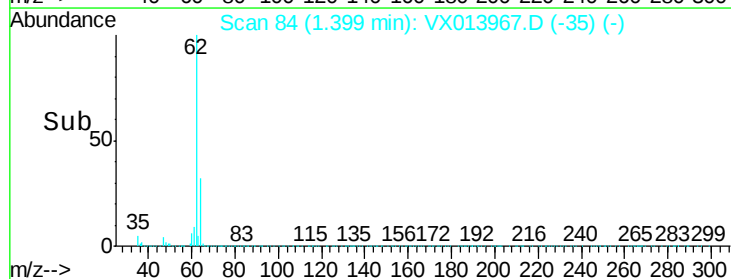
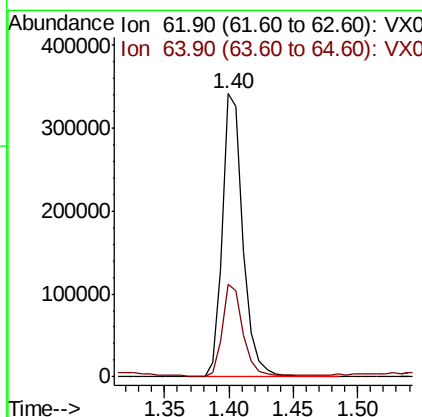
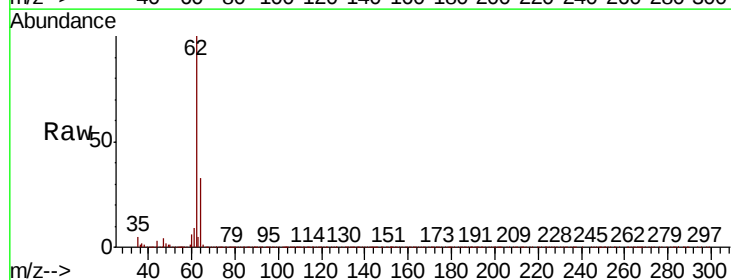
Acq: 12 Dec 2019 09:55

Tgt Ion: 62 Resp: 385938

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0





#5

Bromomethane

Concen: 48.846 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 264405

Ion Ratio Lower Upper

94 100

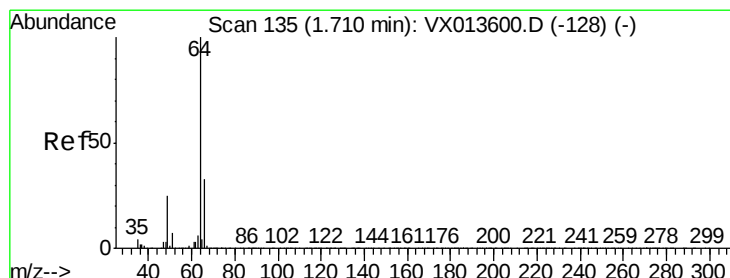
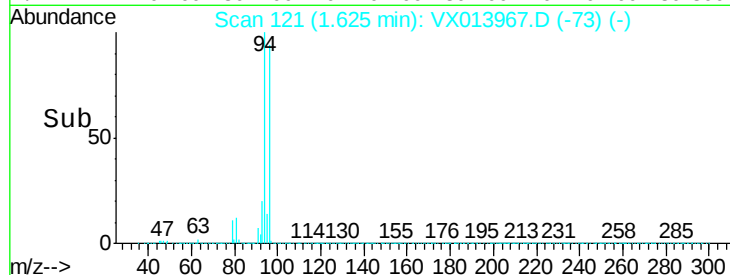
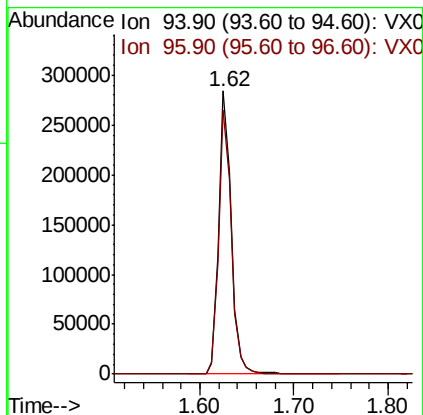
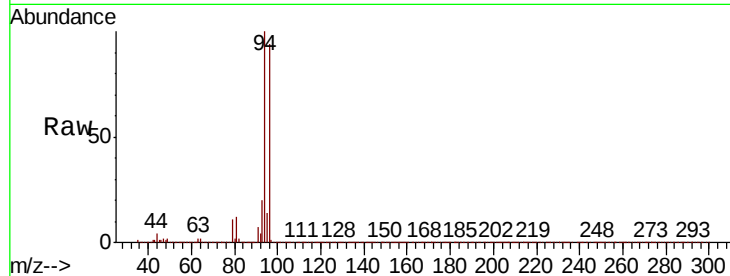
96 93.4 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 45.511 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013967.D

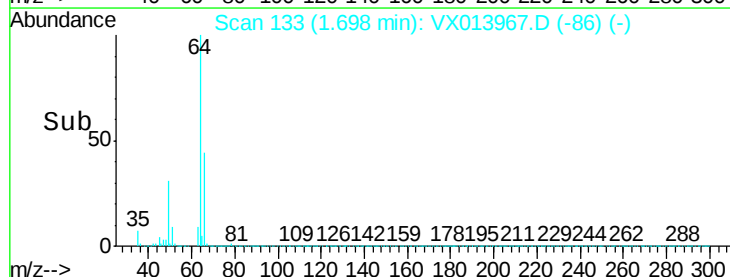
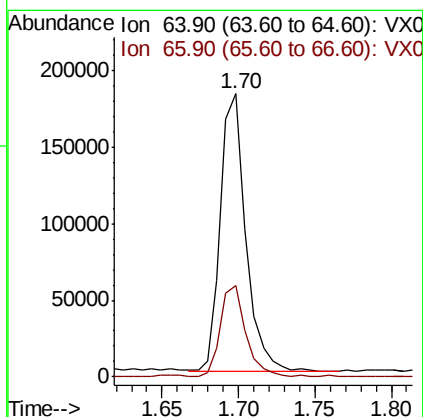
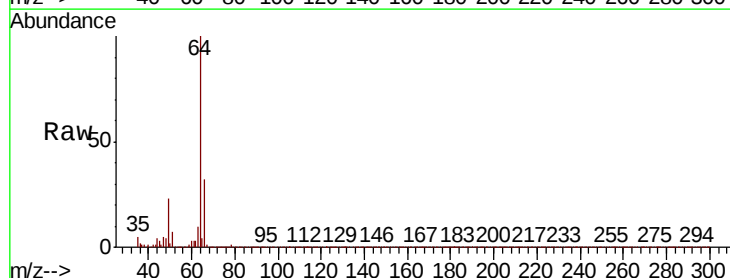
Acq: 12 Dec 2019 09:55

Tgt Ion: 64 Resp: 208741

Ion Ratio Lower Upper

64 100

66 32.8 26.7 40.1





#7

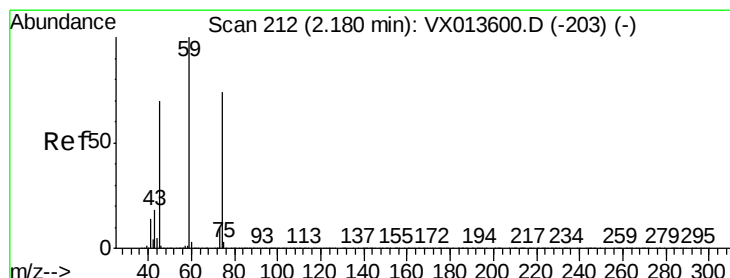
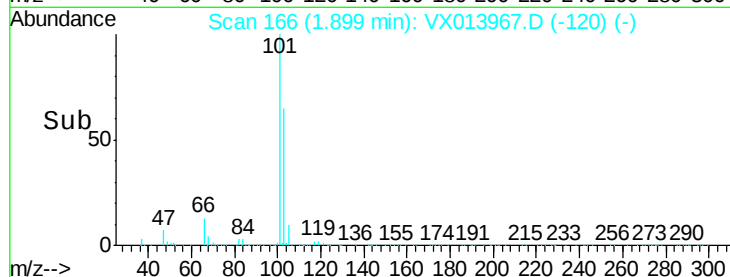
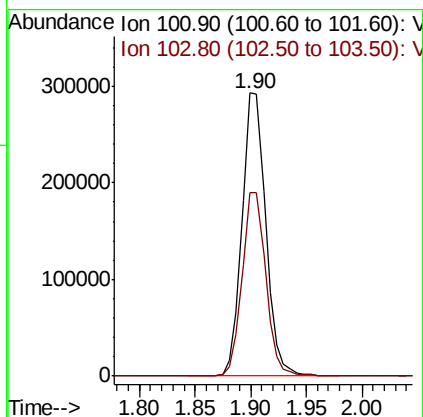
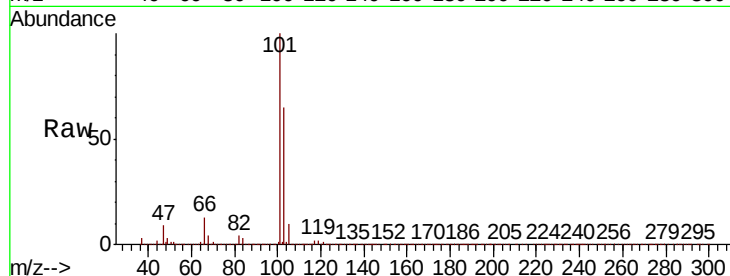
Trichlorofluoromethane
Concen: 48.548 ug/l
RT: 1.90 min Scan# 166
Delta R.T. -0.02 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.6

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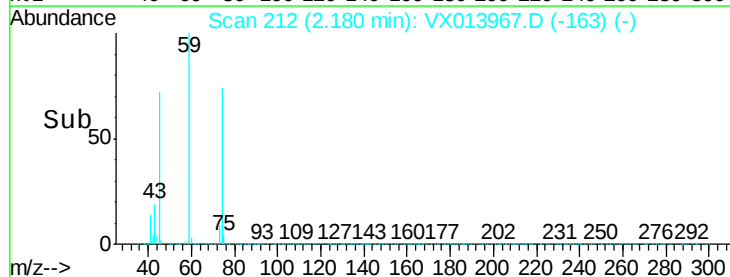
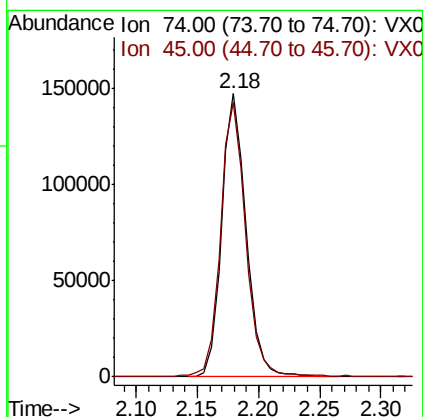
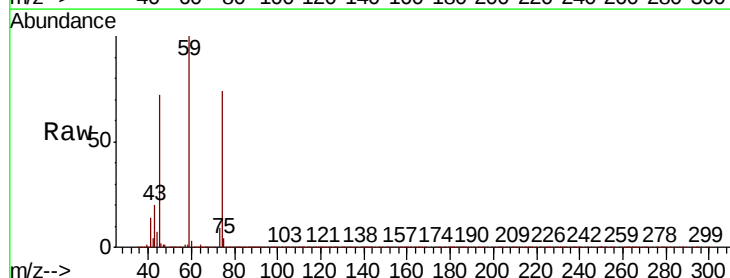
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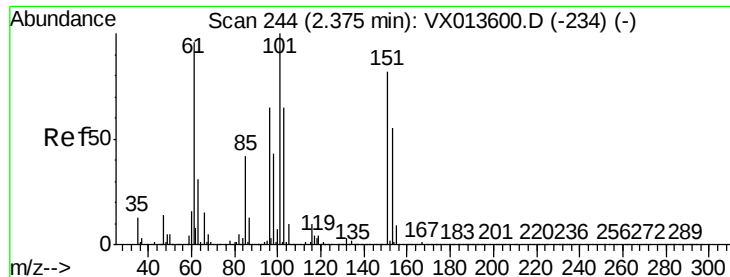


#8

Diethyl Ether
Concen: 50.144 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.594 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

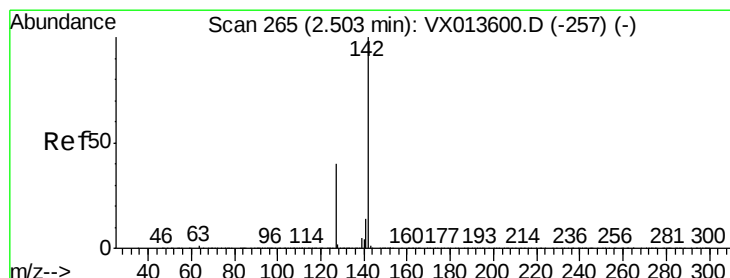
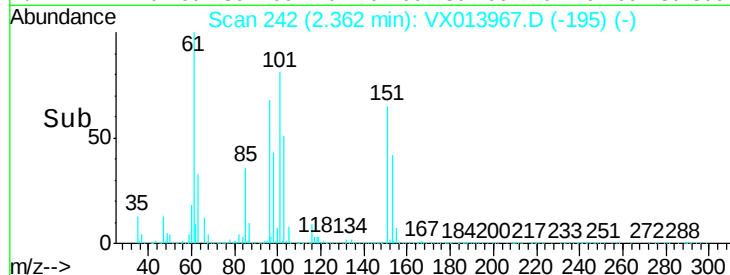
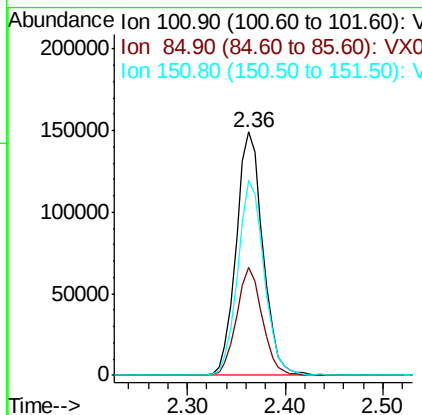
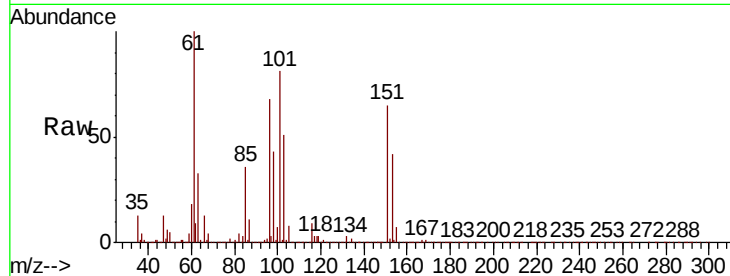
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	282057
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.9	50.9
151	79.6	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 50.414 ug/l

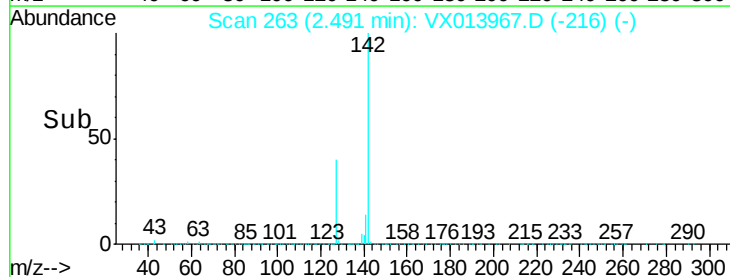
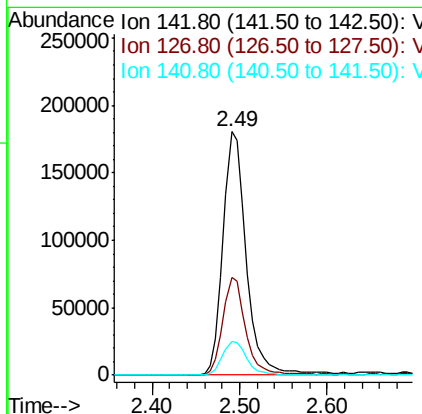
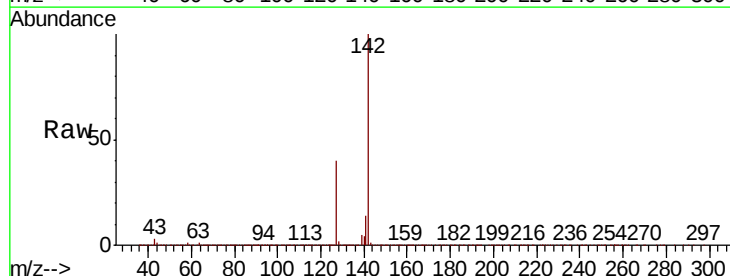
RT: 2.49 min Scan# 263

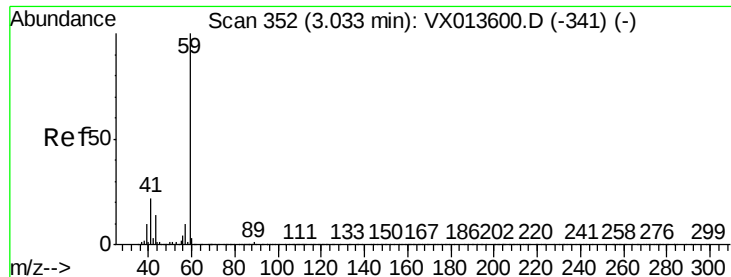
Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion:	142	Resp:	333392
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.0	46.4
141	14.4	11.6	17.4





#11

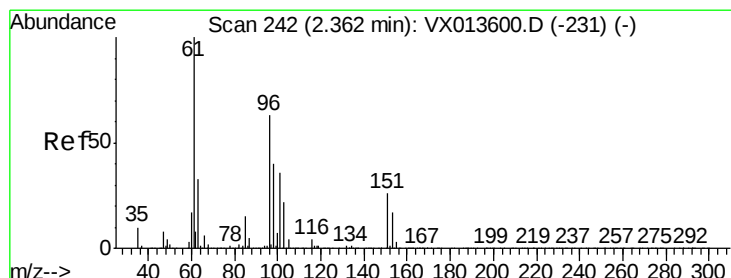
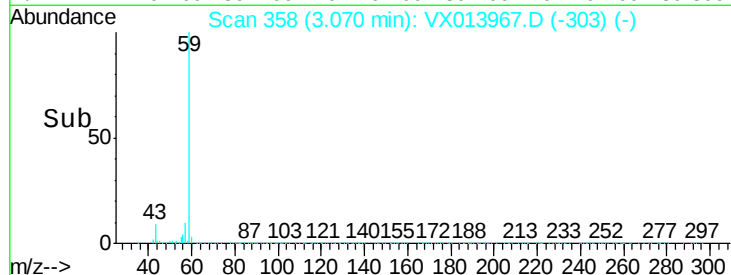
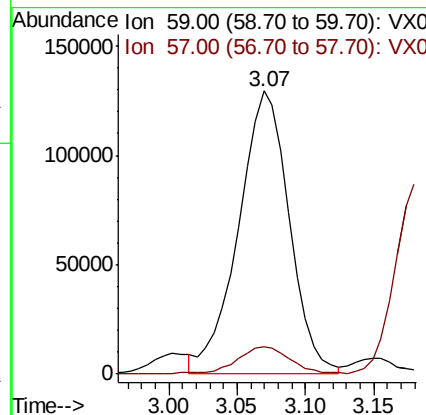
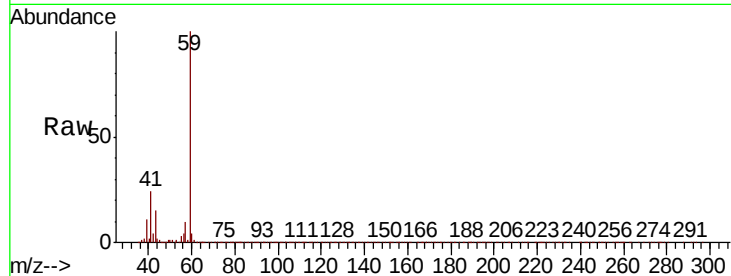
Tert butyl alcohol
Concen: 203.957 ug/l m
RT: 3.07 min Scan# 358
Delta R.T. 0.04 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

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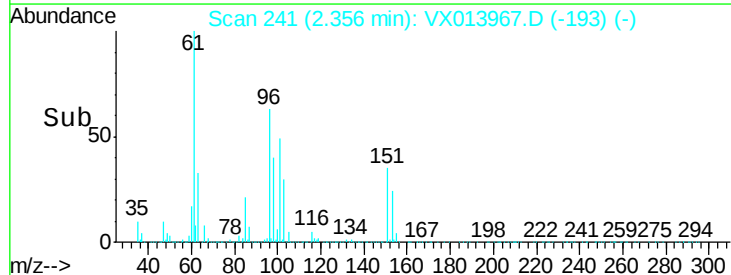
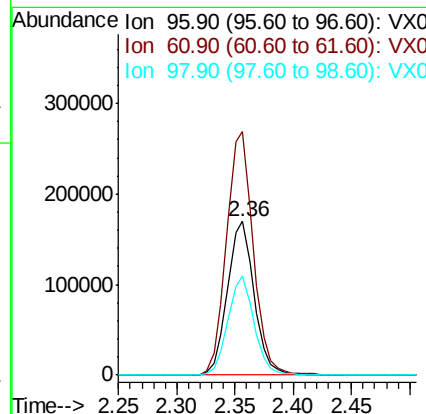
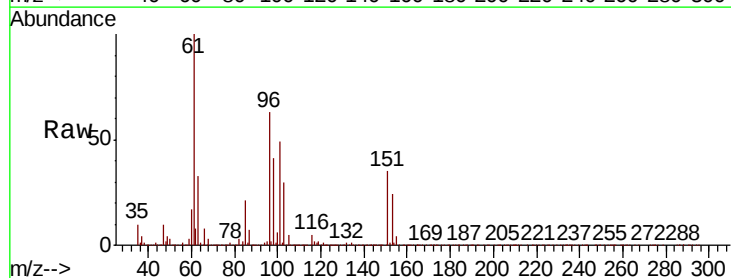
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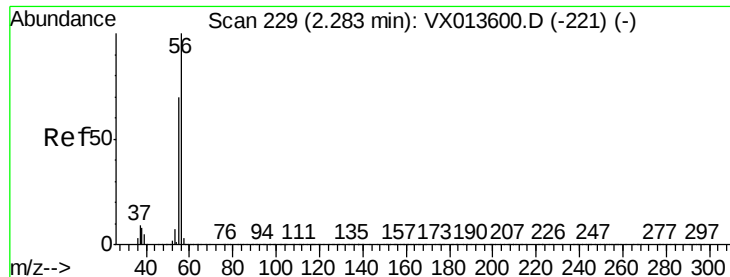


#12

1,1-Dichloroethene
Concen: 49.210 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	126.6	190.0
98	64.3	50.6	76.0





#13

Acrolein

Concen: 252.035 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 276967

Ion Ratio Lower Upper

56 100

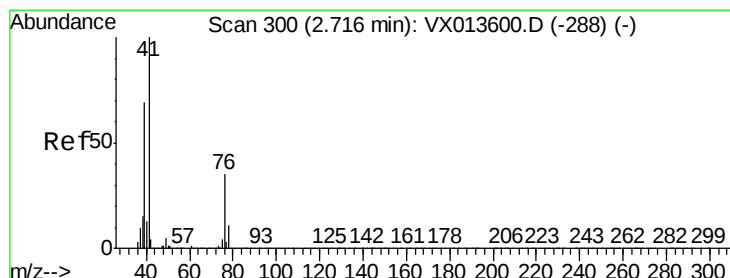
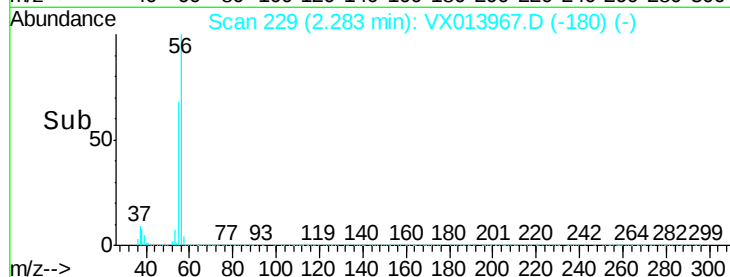
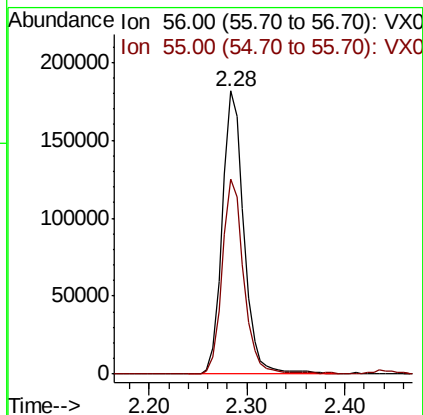
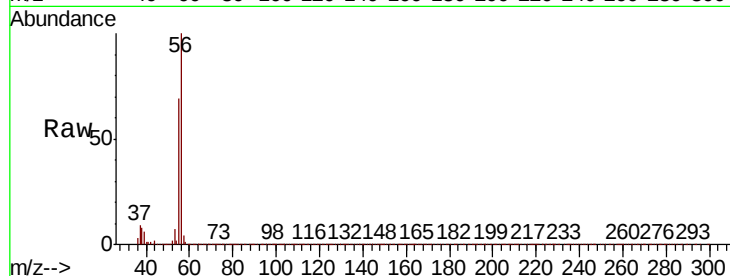
55 68.4 56.2 84.4

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#14

Allyl chloride

Concen: 49.935 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

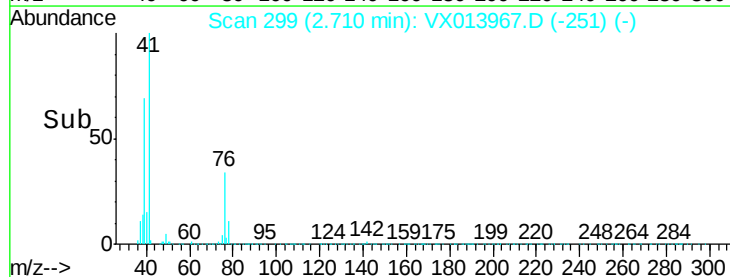
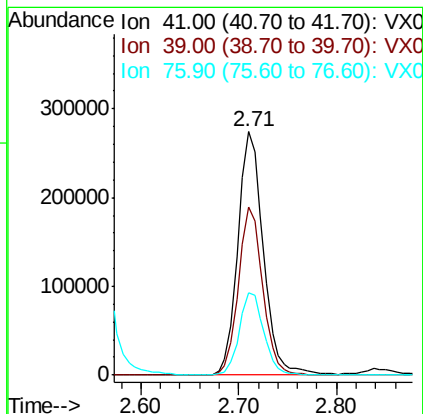
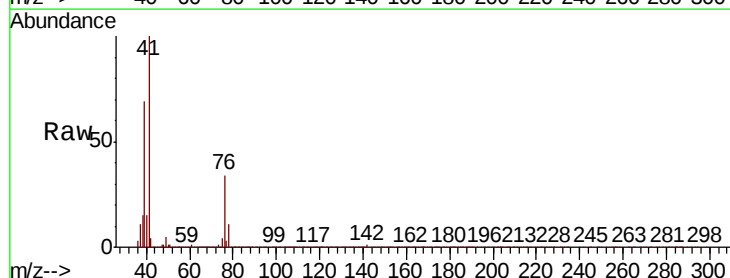
Tgt Ion: 41 Resp: 494496

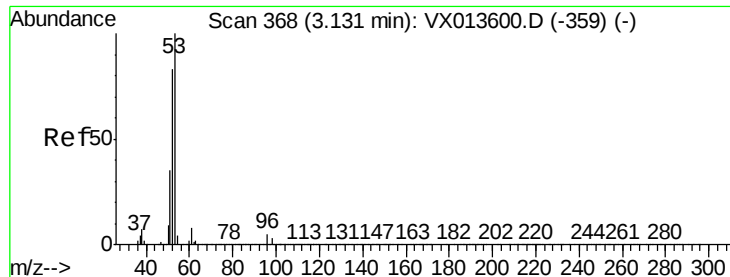
Ion Ratio Lower Upper

41 100

39 66.2 51.7 77.5

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 242.818 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

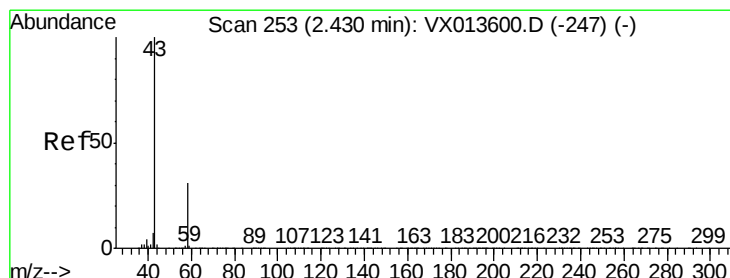
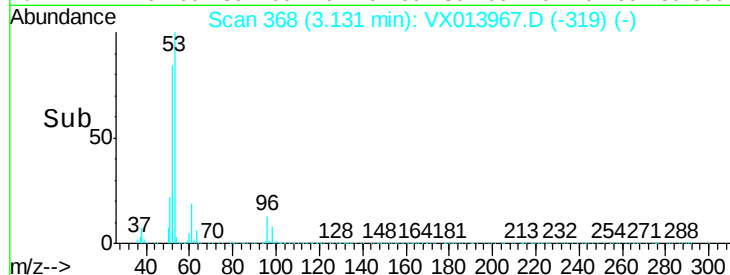
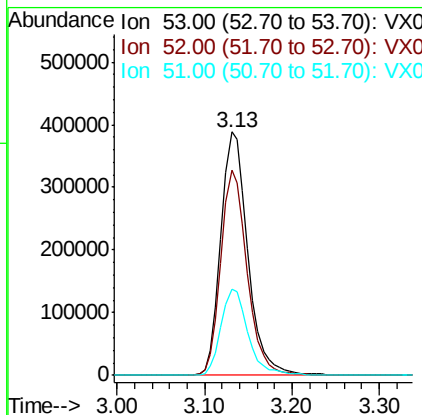
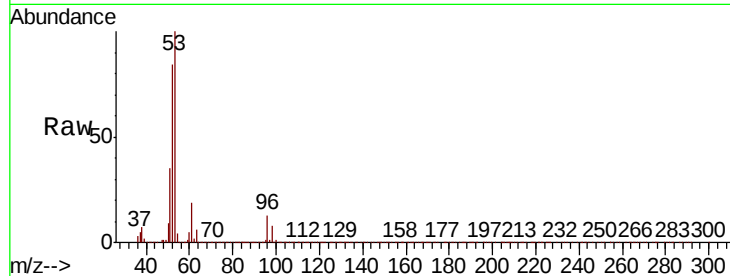
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	823437
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.6	29.0	43.6

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#16

Acetone

Concen: 289.059 ug/l

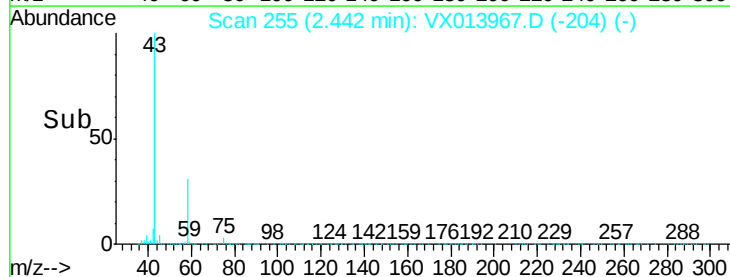
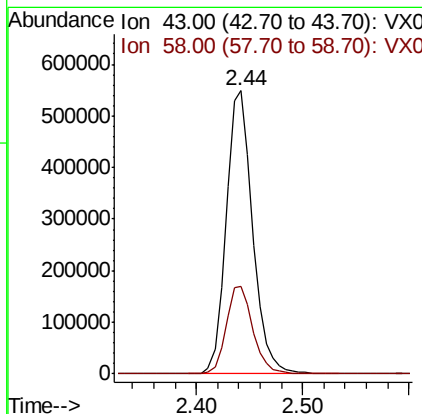
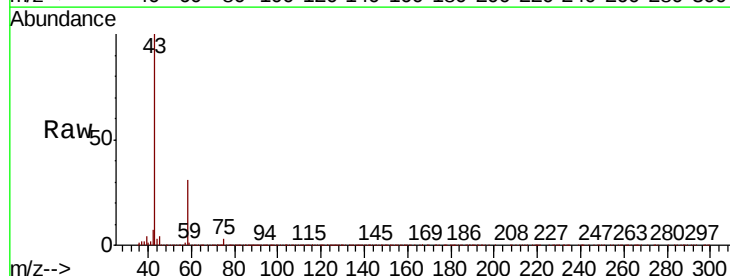
RT: 2.44 min Scan# 255

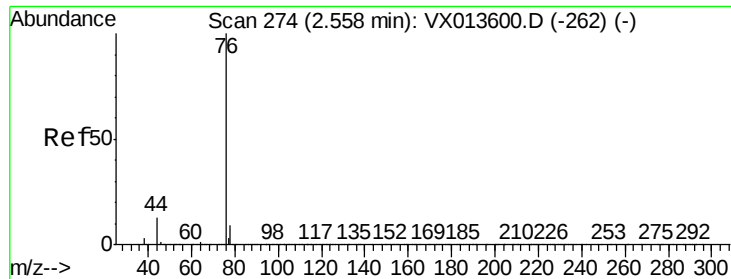
Delta R.T. 0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion:	43	Resp:	949864
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.6	36.8





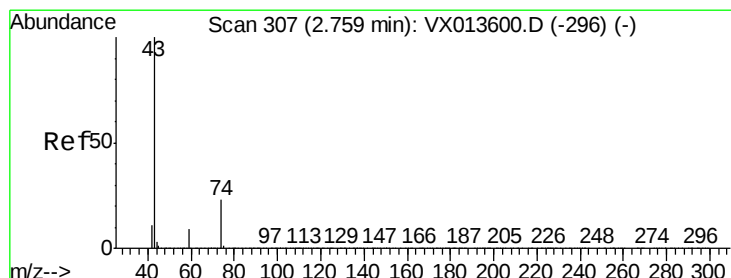
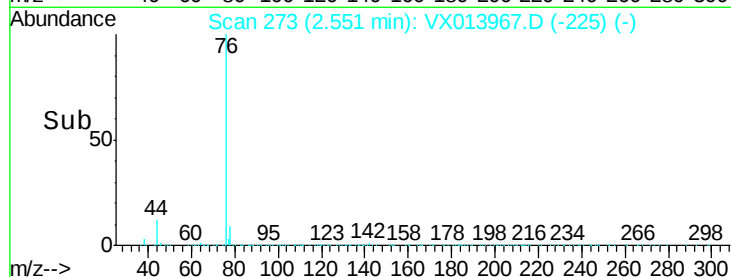
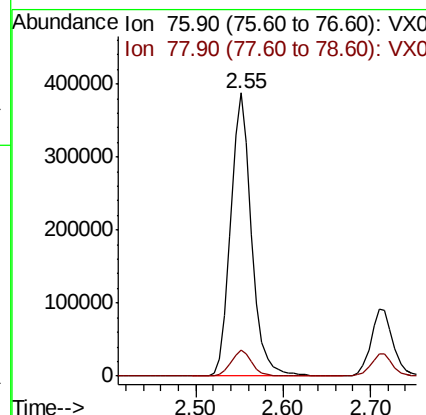
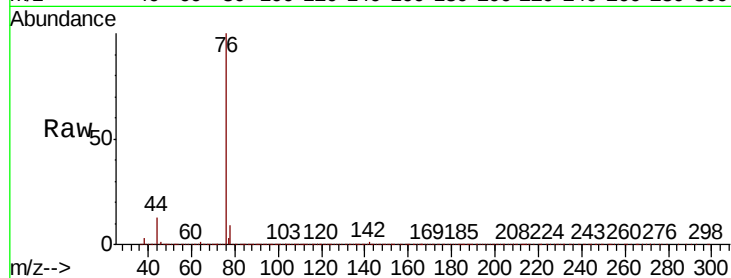
#17
Carbon Disulfide
Concen: 41.089 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

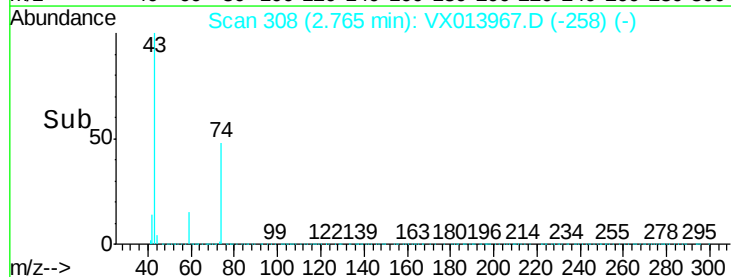
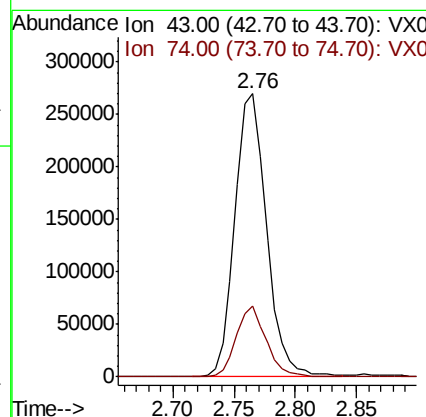
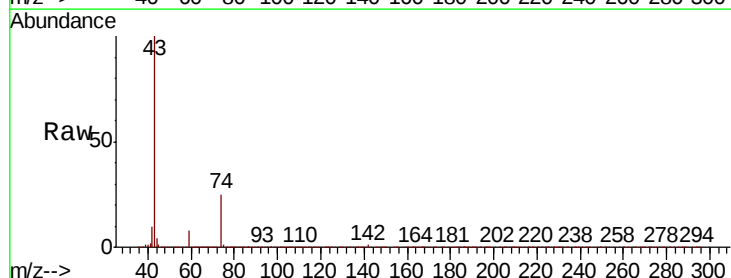
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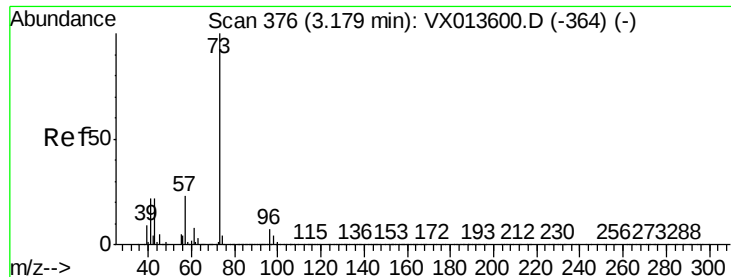
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#18
Methyl Acetate
Concen: 52.557 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.5	29.3





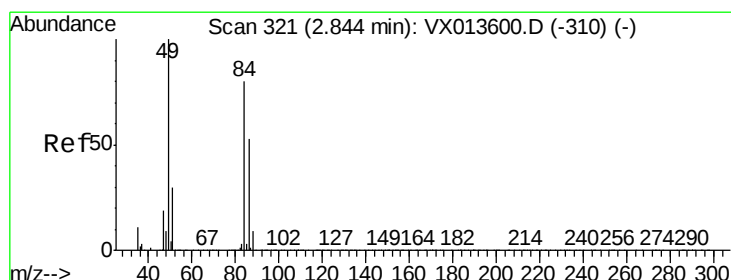
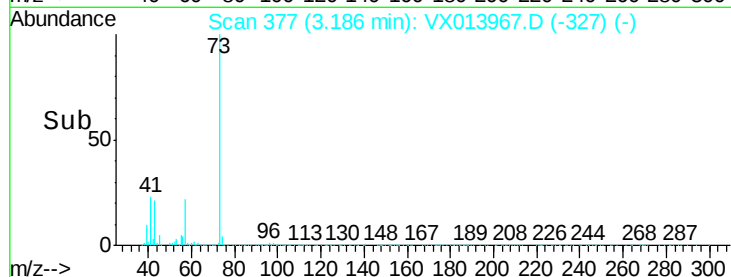
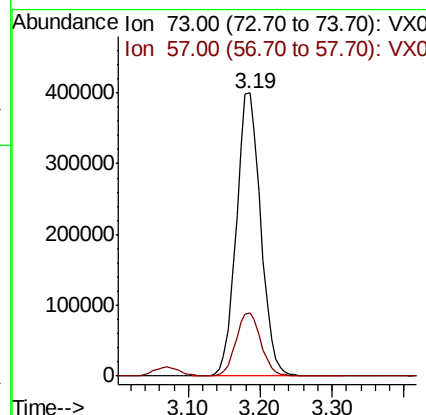
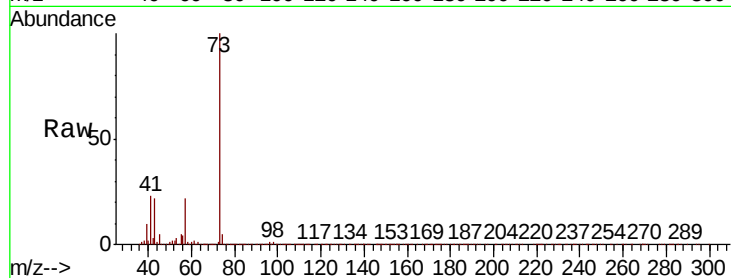
#19
Methvl tert-butvl Ether
Concen: 51.869 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.3	27.5

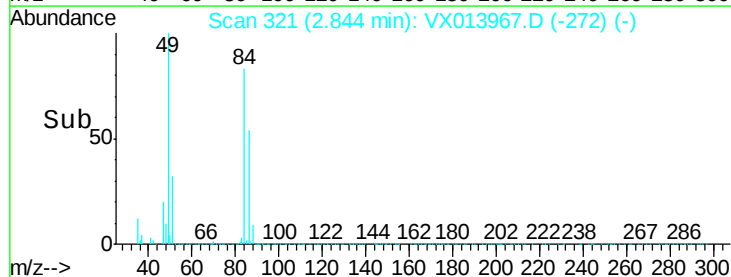
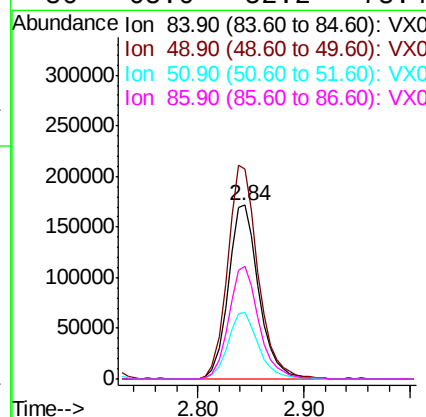
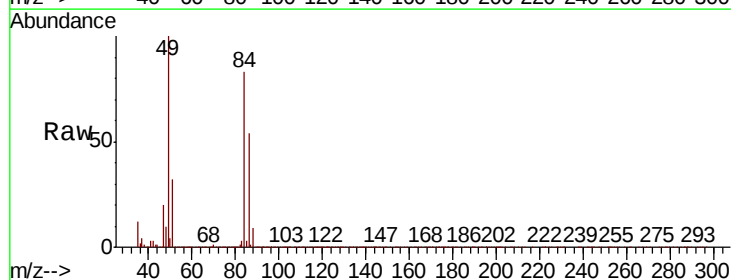
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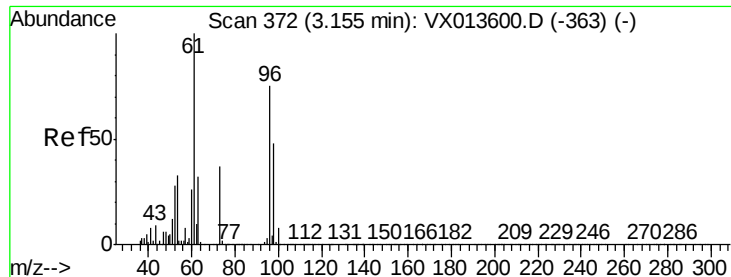
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#20
Methylene Chloride
Concen: 54.109 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	99.7	149.5
51	38.4	29.9	44.9
86	65.0	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 48.356 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

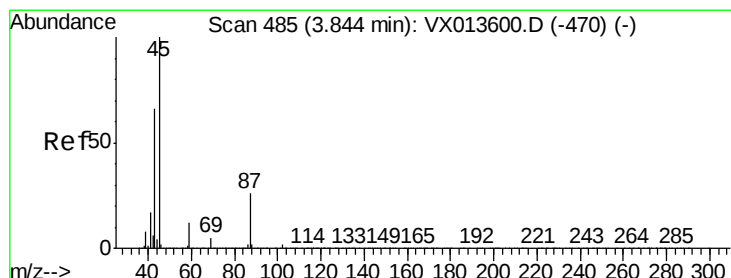
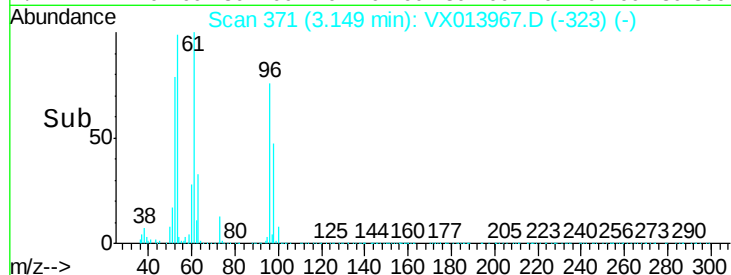
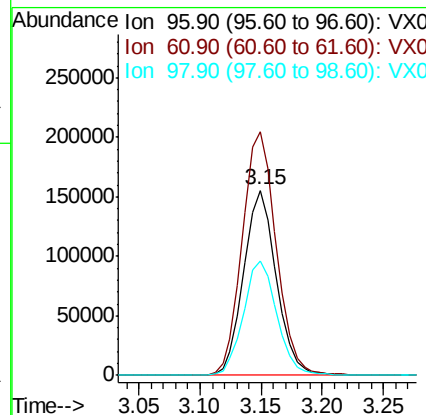
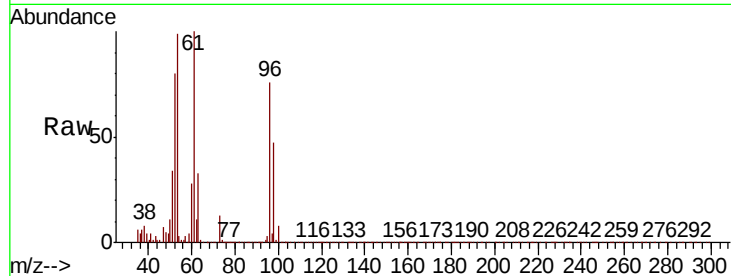
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	287458
Ion Ratio	Lower	Upper	
96	100		
61	131.5	107.2	160.8
98	61.6	51.4	77.0

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#22

Diisopropyl ether

Concen: 54.029 ug/l

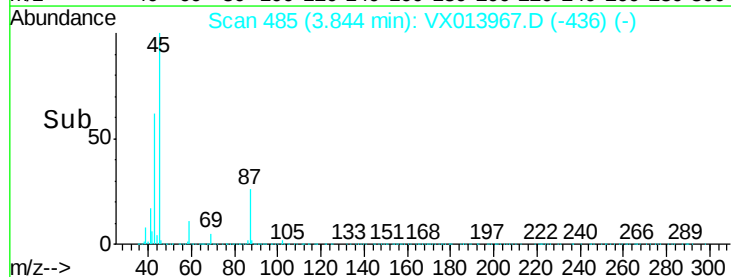
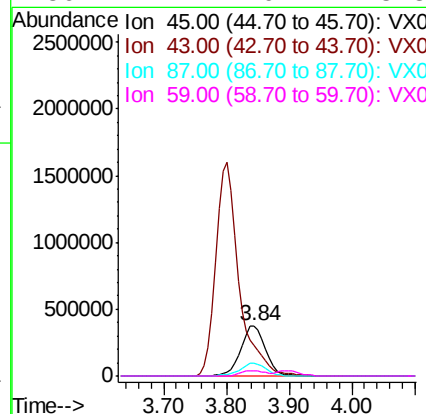
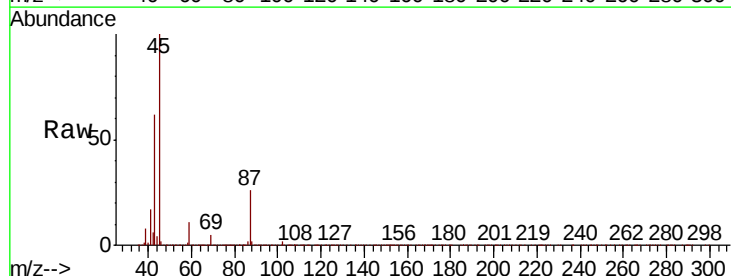
RT: 3.84 min Scan# 485

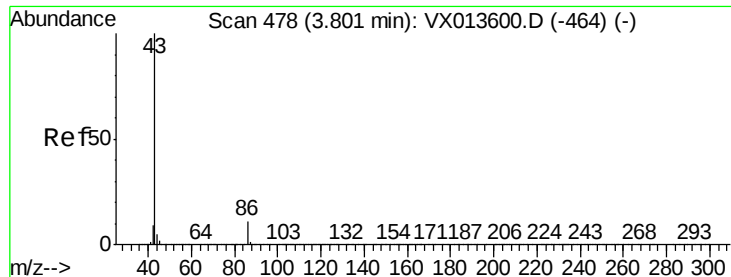
Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion:	45	Resp:	1030226
Ion Ratio	Lower	Upper	
45	100		
43	61.4	52.6	79.0
87	26.3	21.1	31.7
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 259.903 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4122762

Ion Ratio Lower Upper

43 100

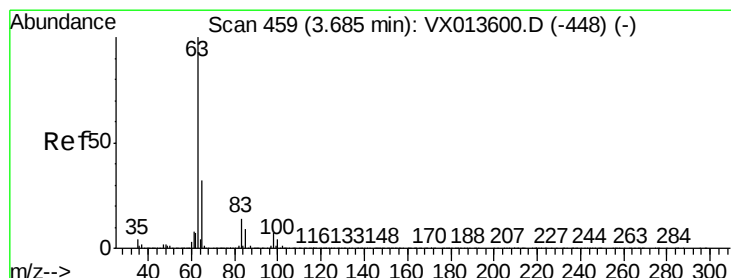
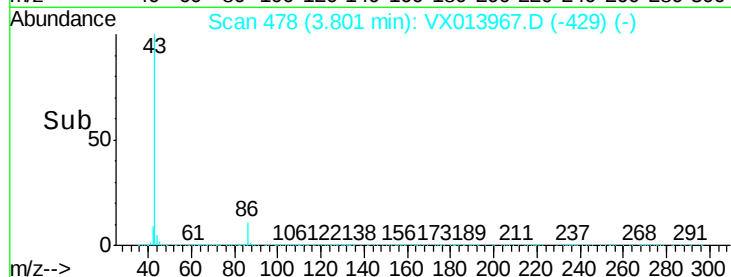
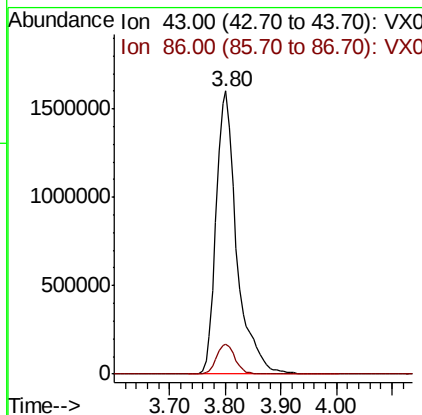
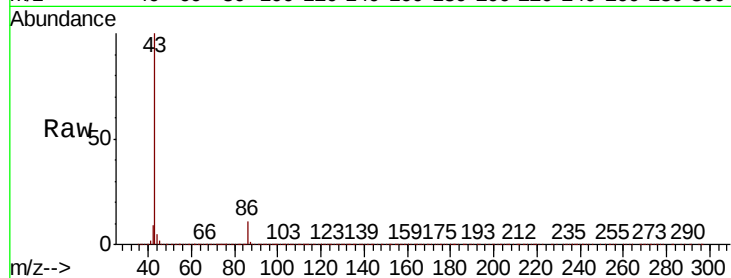
86 10.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 52.820 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

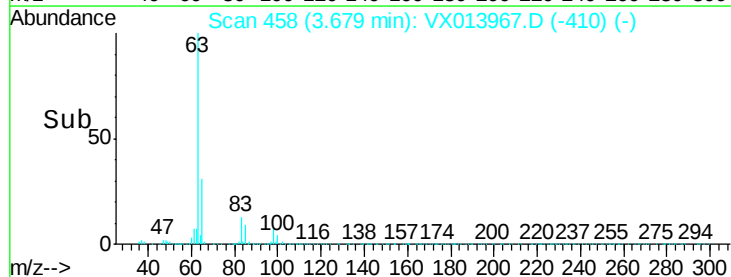
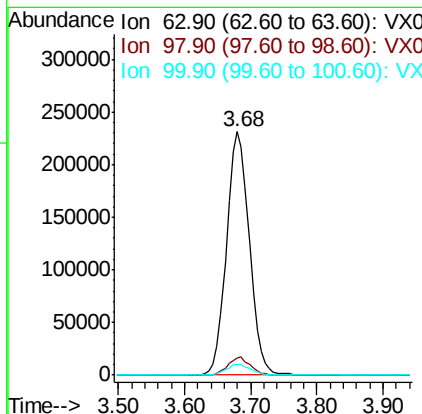
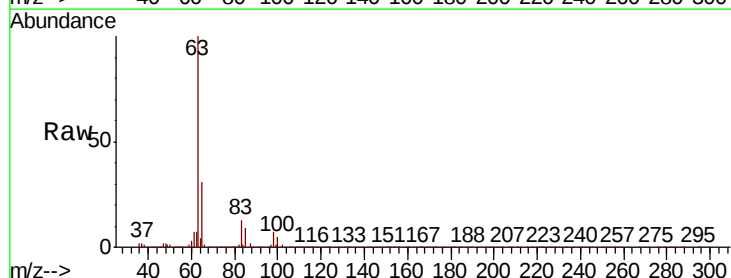
Tgt Ion: 63 Resp: 550593

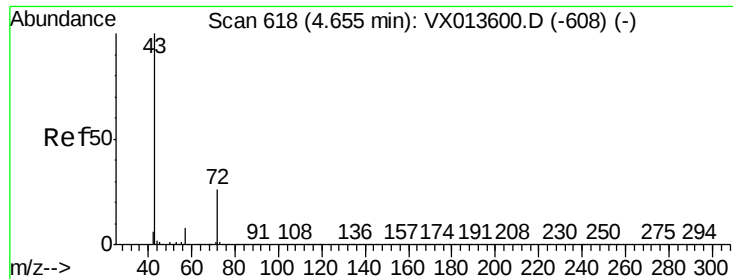
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 261.216 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1275700

Ion Ratio Lower Upper

43 100

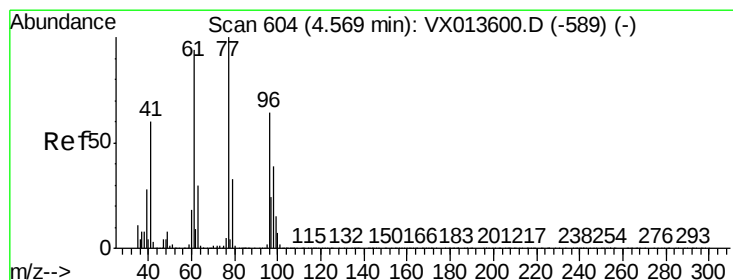
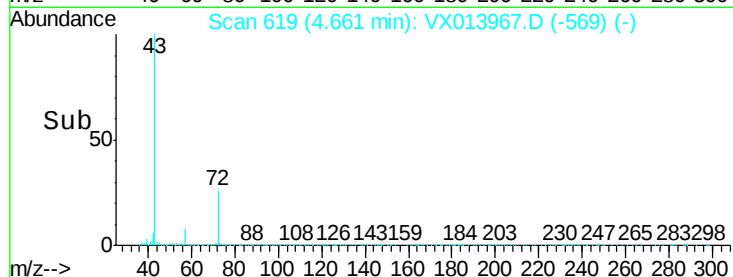
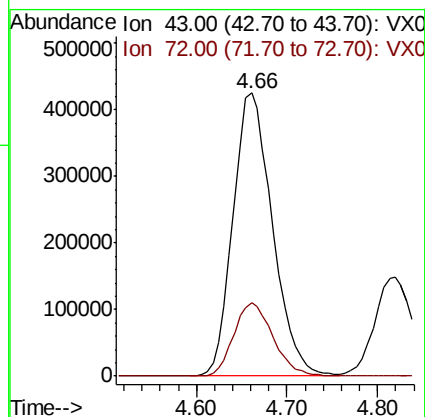
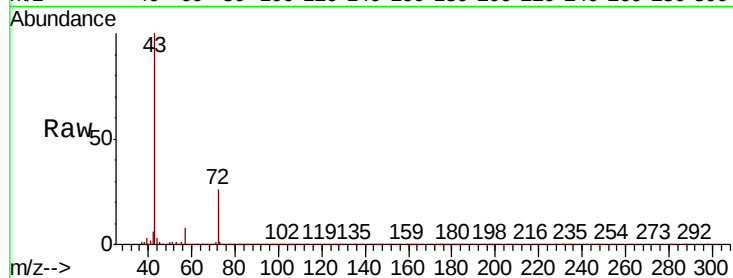
72 25.9 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 51.590 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013967.D

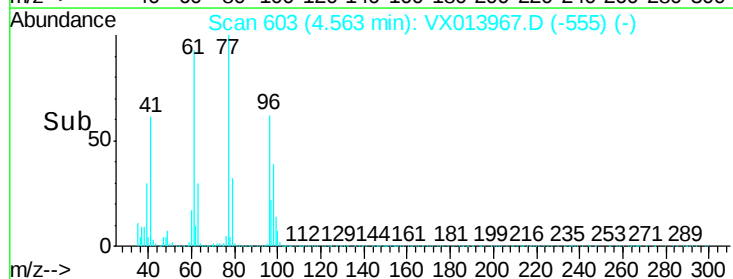
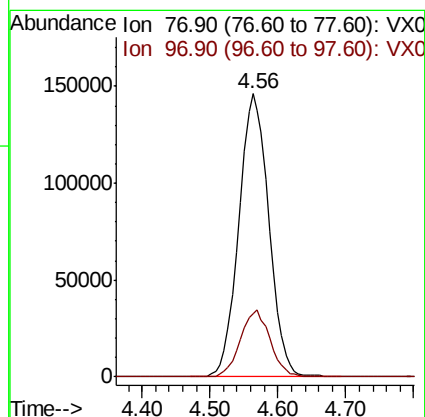
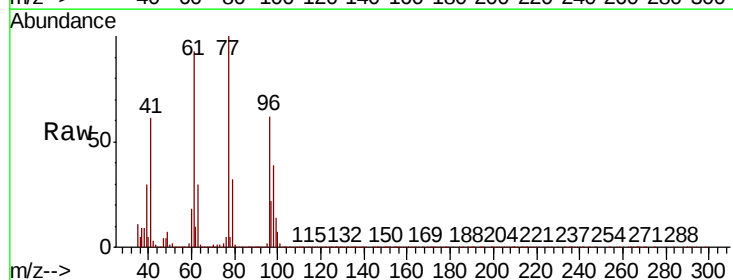
Acq: 12 Dec 2019 09:55

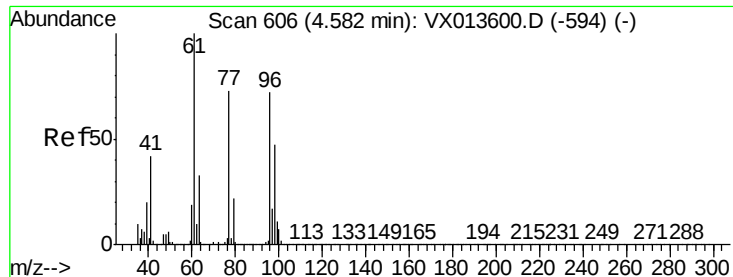
Tgt Ion: 77 Resp: 444931

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





#27

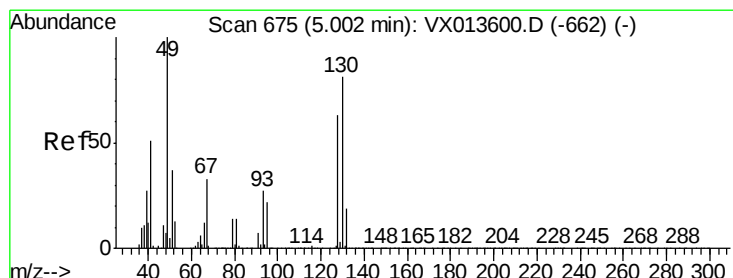
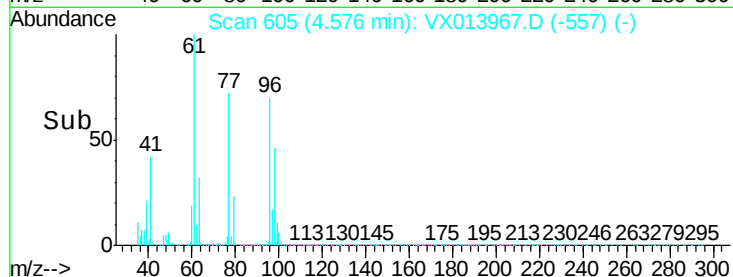
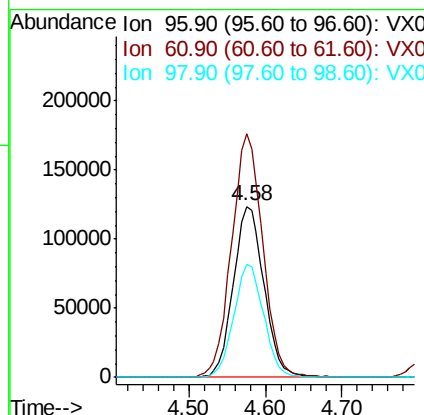
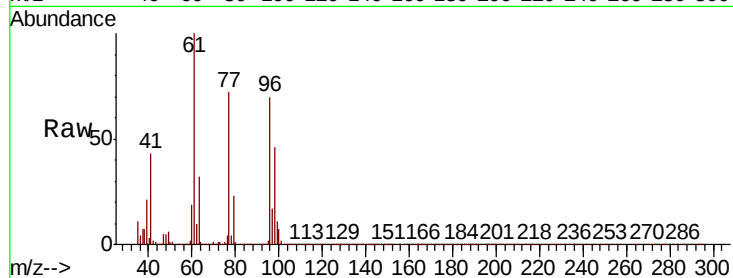
cis-1,2-Dichloroethene
Concen: 49.758 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	339686		
61	146.0	0.0	286.4	
98	65.1	0.0	127.4	

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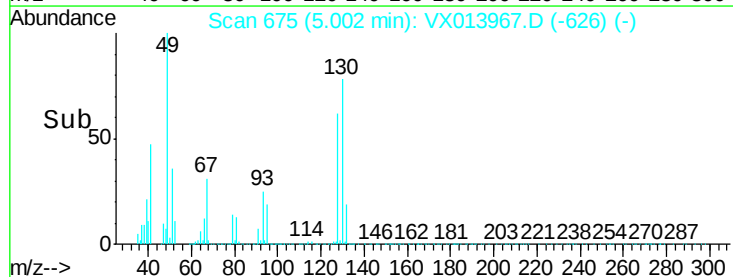
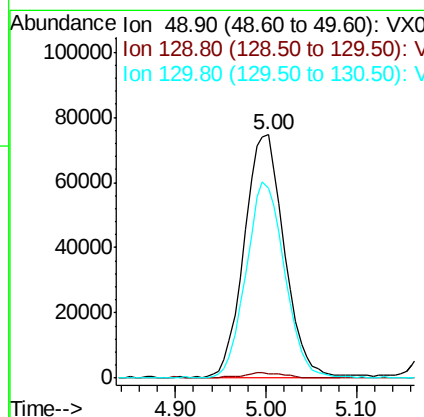
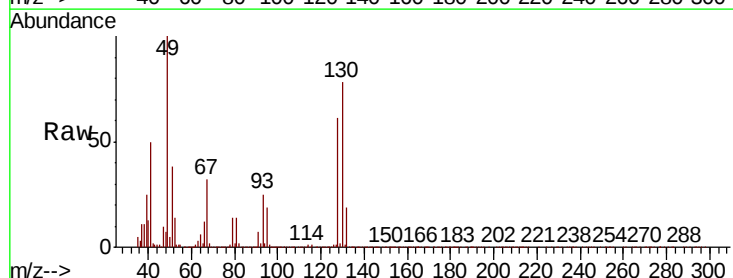
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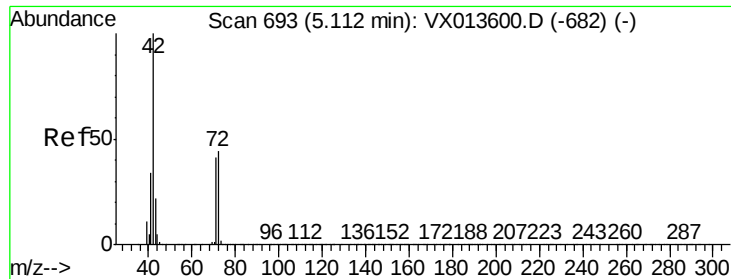


#28

Bromochloromethane
Concen: 55.157 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	227204		
129	2.3	0.0	5.0	
130	77.5	65.4	98.0	





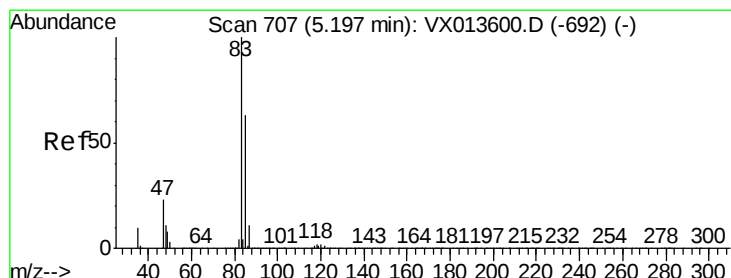
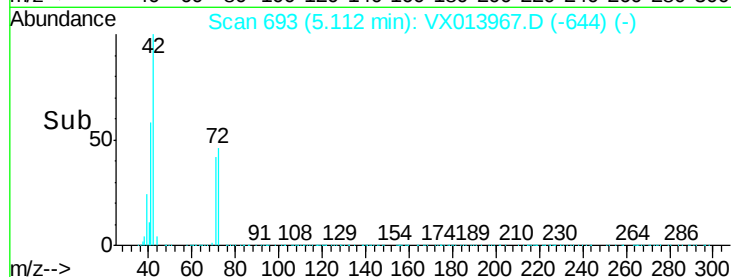
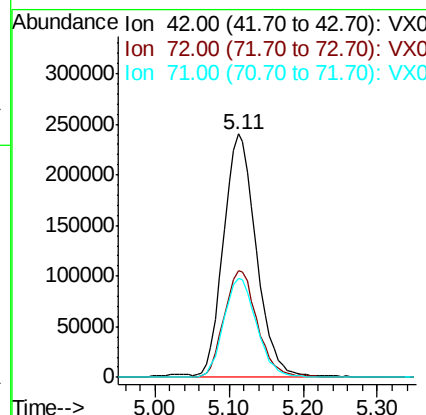
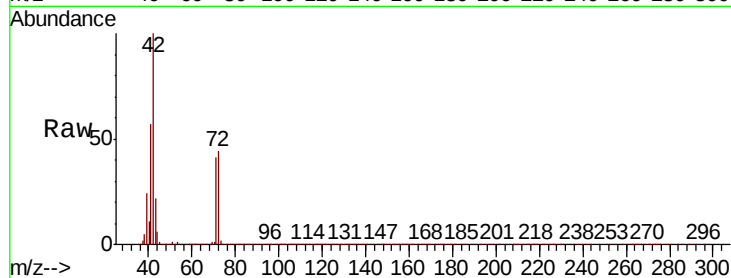
#29
Tetrahydrofuran
Concen: 242.954 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	36.3	54.5
71	41.0	33.2	49.8

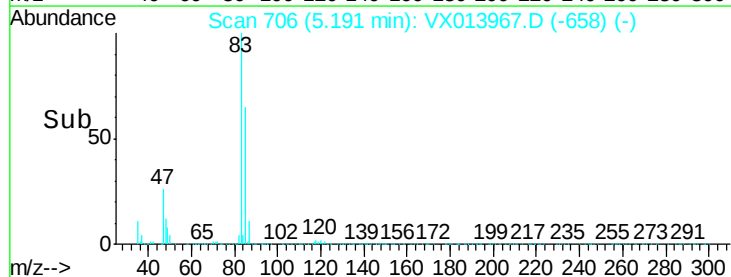
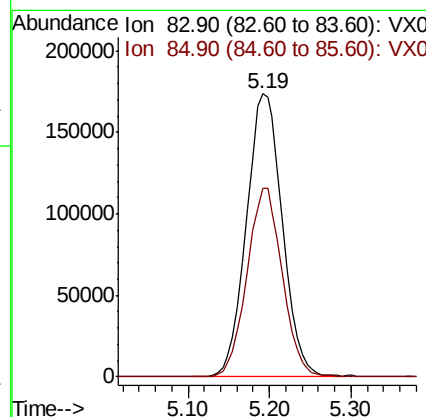
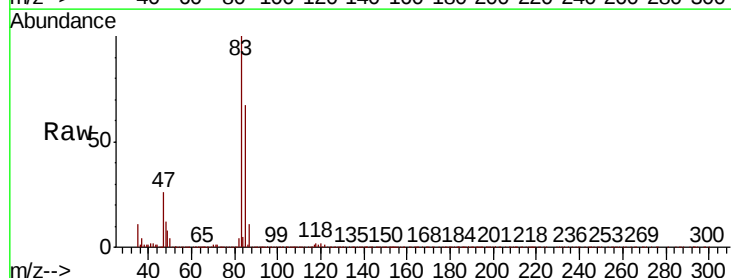
Manual Integrations
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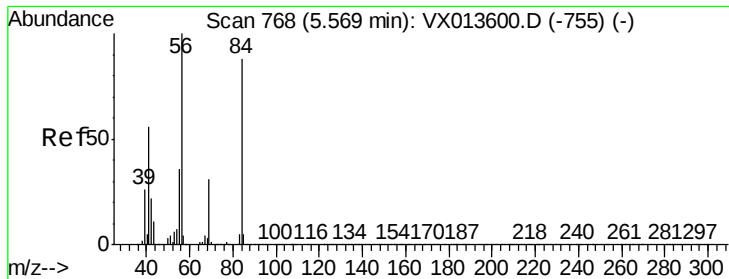
apatel
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#30
Chloroform
Concen: 50.175 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.2	75.4





#31

Cyclohexane

Concen: 49.420 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

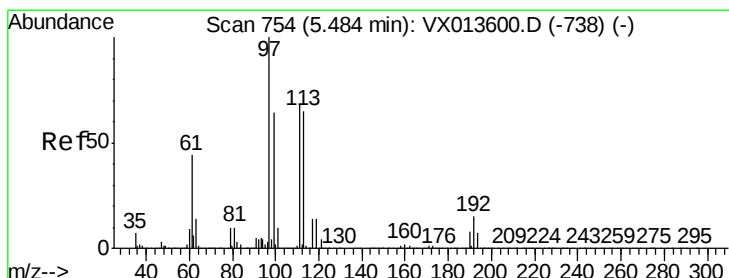
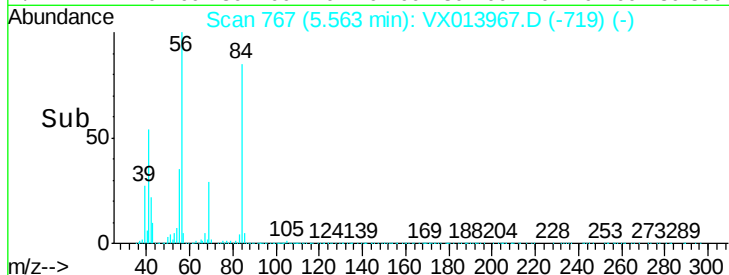
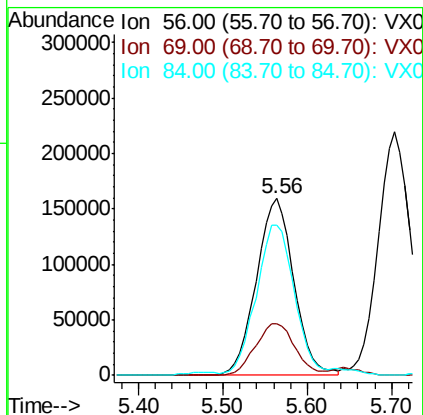
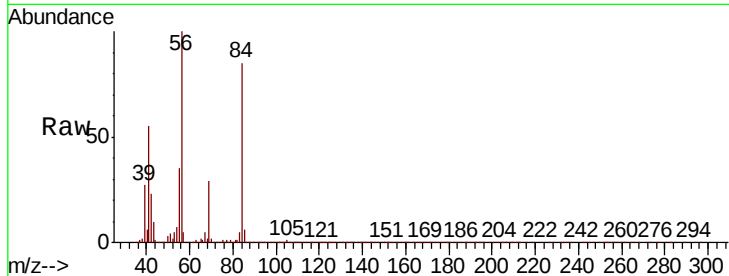
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	485890
Ion Ratio	Lower	Upper	
56	100		
69	29.0	24.6	36.8
84	84.8	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 50.856 ug/l

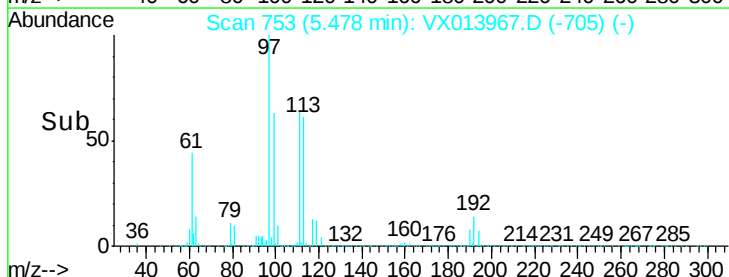
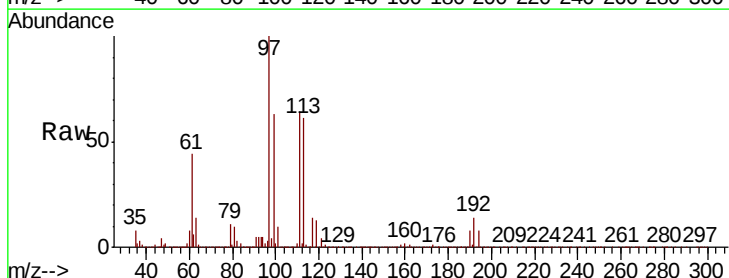
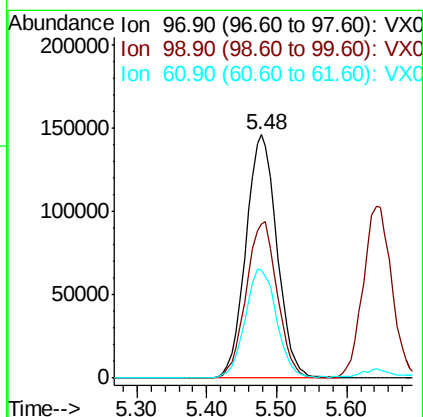
RT: 5.48 min Scan# 753

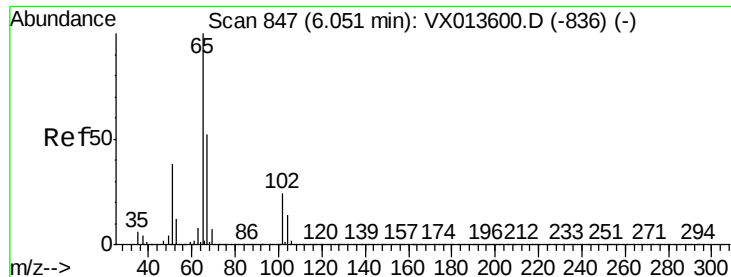
Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion:	97	Resp:	449274
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	45.5	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.714 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 317577

Ion Ratio Lower Upper

65 100

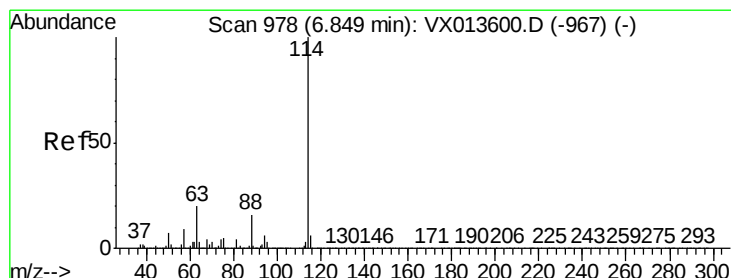
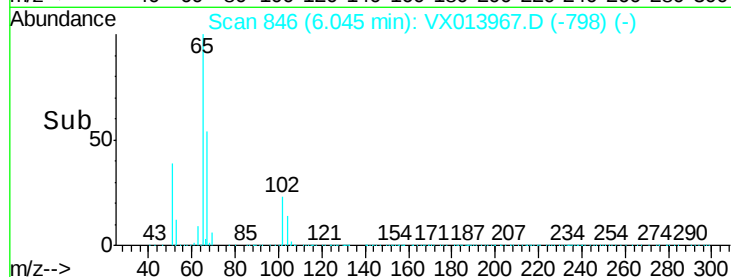
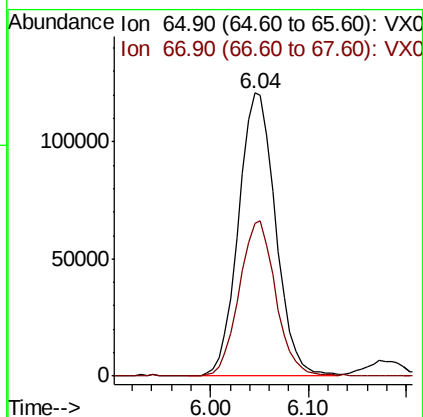
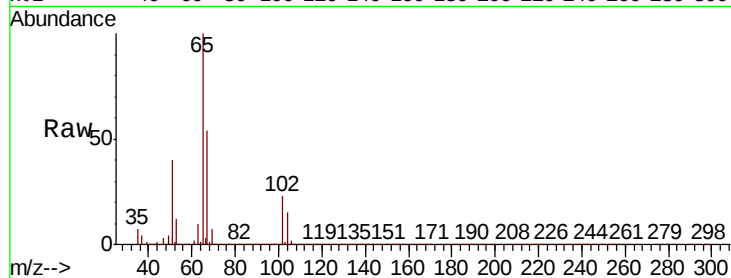
67 54.5 0.0 104.4

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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: VX013967.D

Acq: 12 Dec 2019 09:55

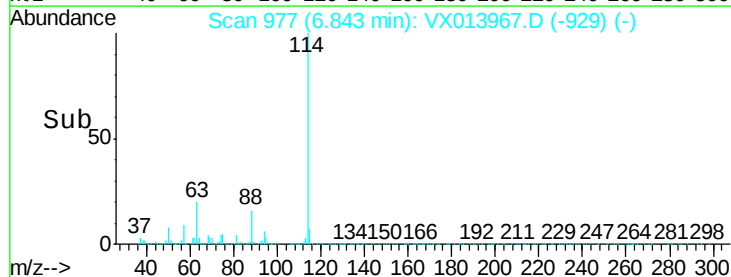
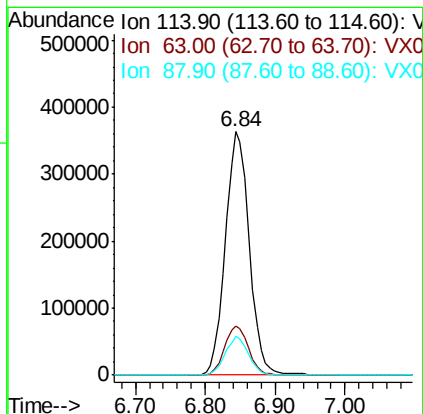
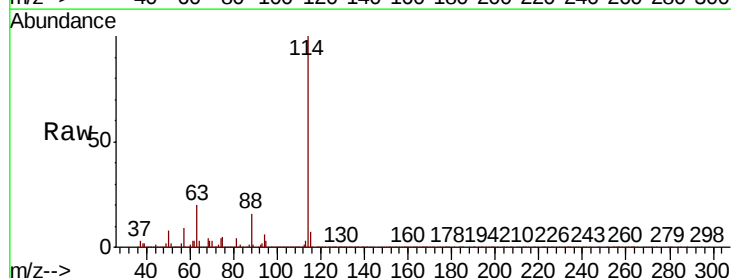
Tgt Ion: 114 Resp: 860752

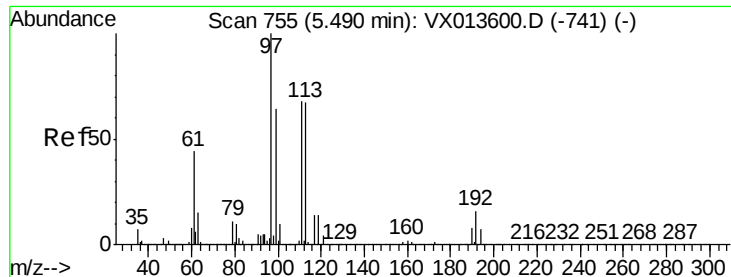
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.8 0.0 31.4





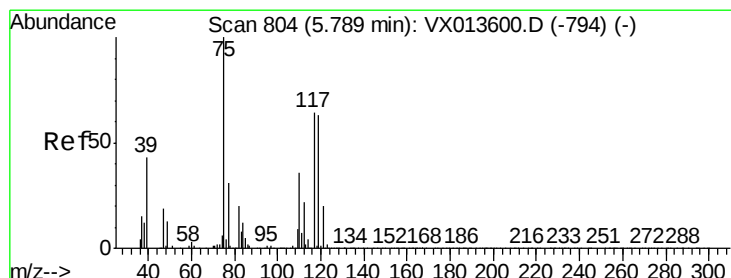
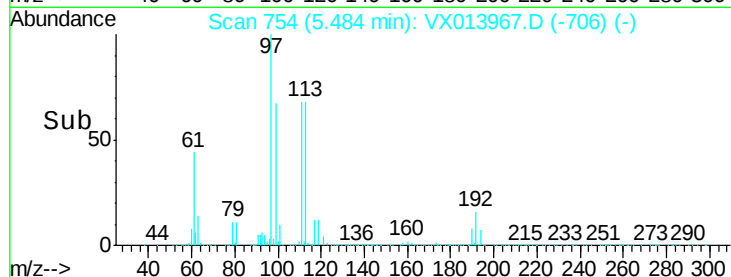
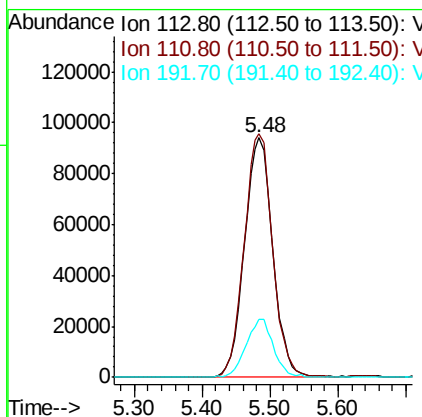
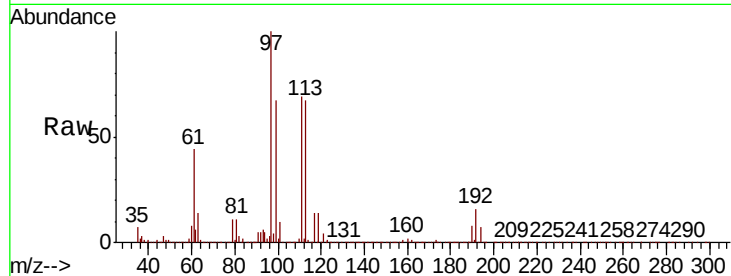
#35
Dibromofluoromethane
Concen: 51.172 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	272299		
111	101.5	83.6	125.4	
192	23.8	19.2	28.8	

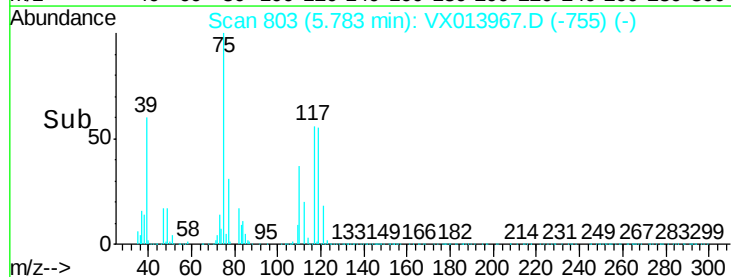
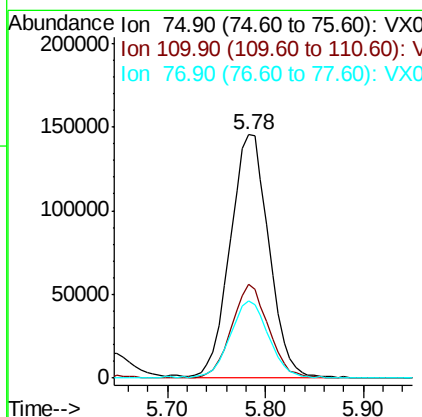
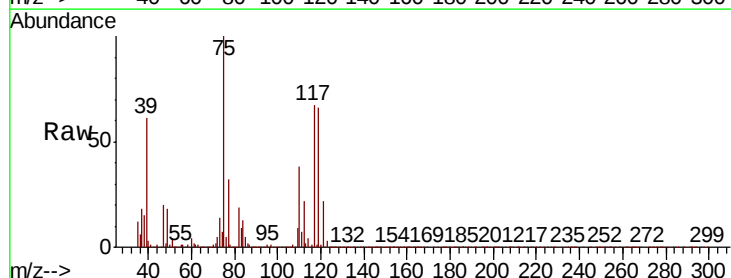
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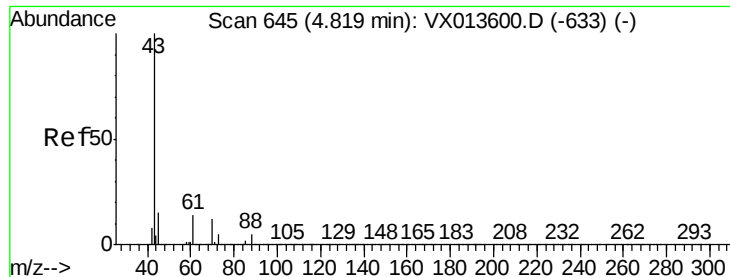
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#36
1,1-Dichloropropene
Concen: 50.878 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	397531		
110	36.7	18.1	54.1	
77	30.8	24.5	36.7	





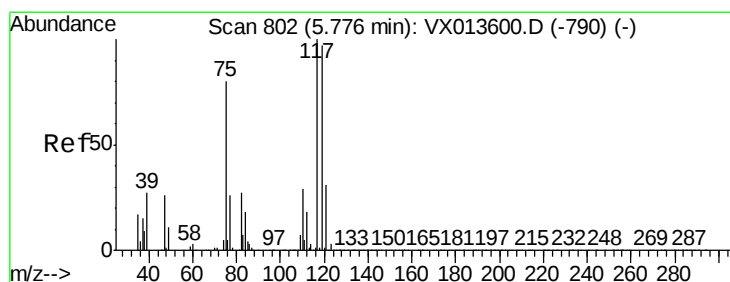
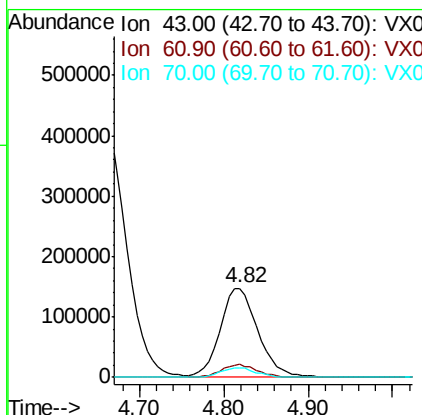
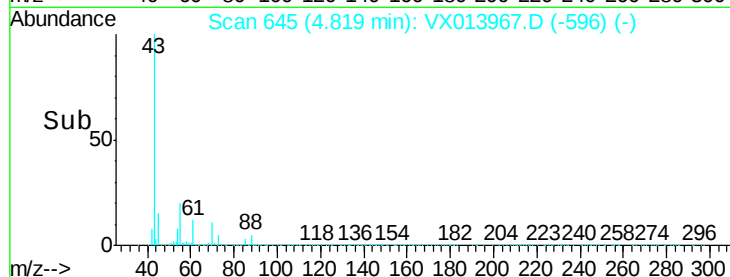
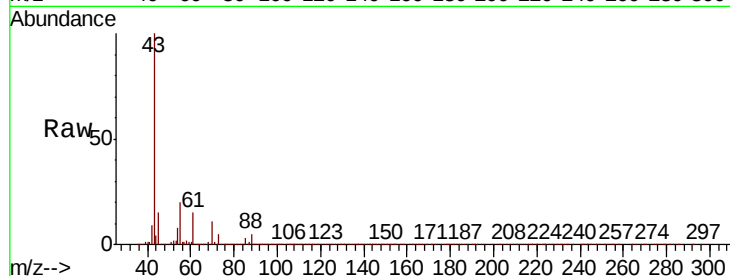
#37
Ethyl Acetate
Concen: 50.500 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	442655
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.0	16.4
70	11.0	8.6	12.8

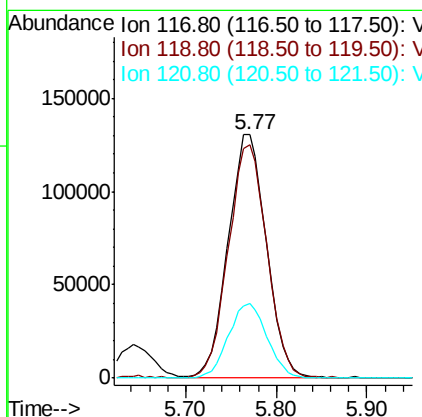
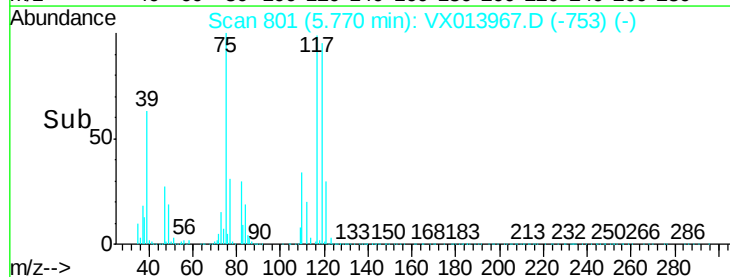
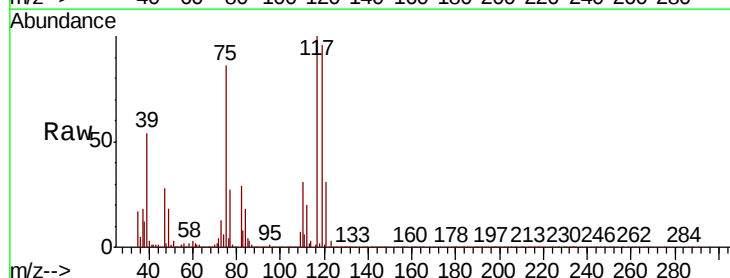
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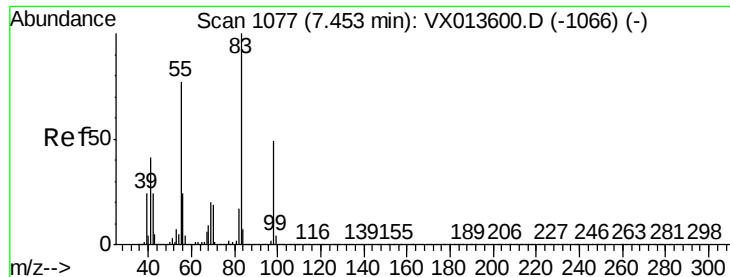
apatel
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#38
Carbon Tetrachloride
Concen: 52.709 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	117	Resp	379753
Ion Ratio	Lower	Upper	
117	100		
119	95.7	77.5	116.3
121	30.6	25.0	37.6





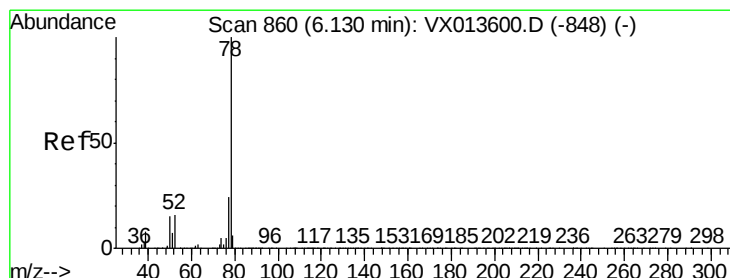
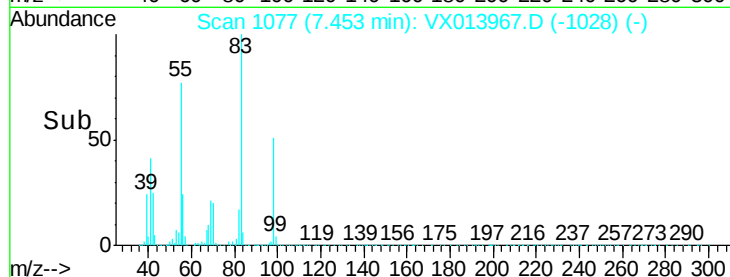
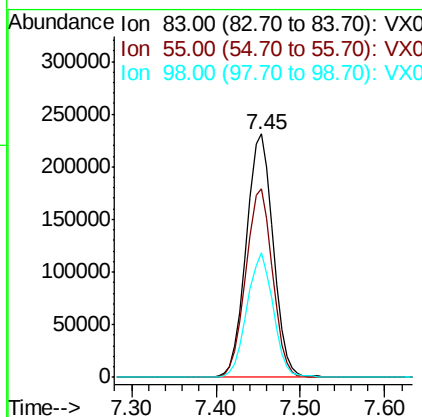
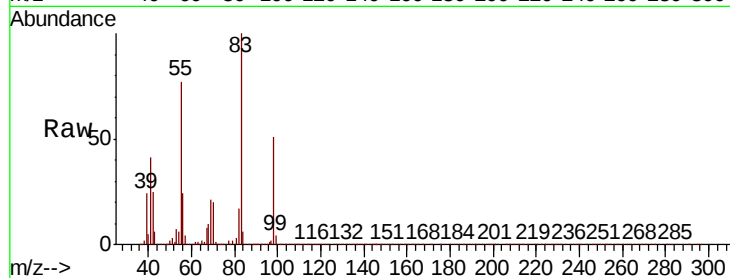
#39
Methvlcvclohexane
Concen: 51.491 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.9	92.9
98	51.2	39.4	59.0

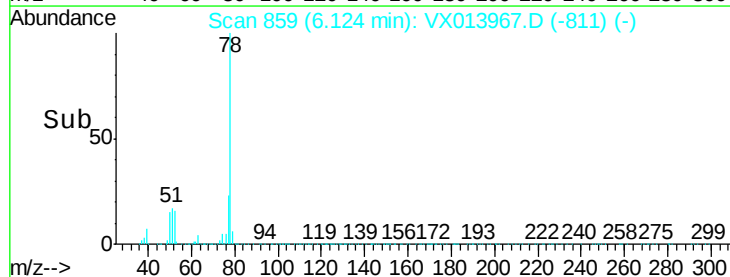
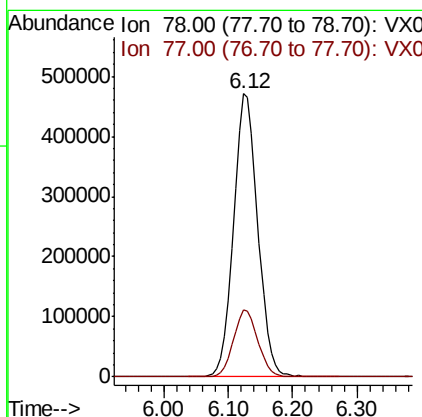
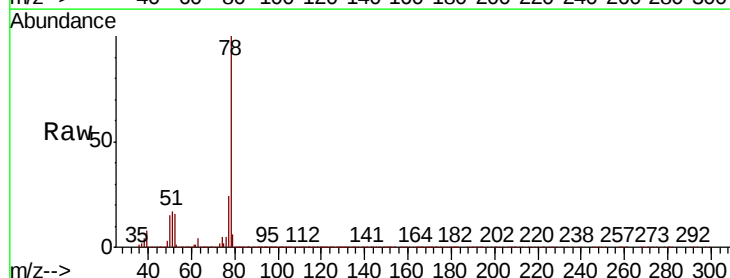
Manual Integrations
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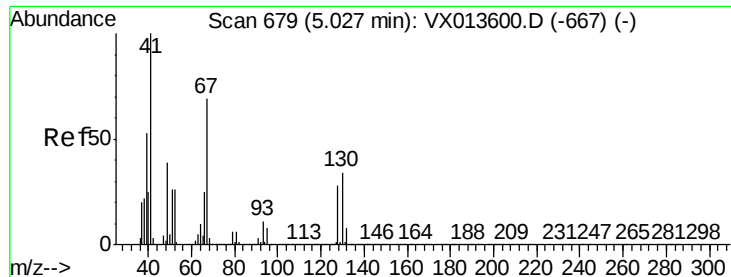
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#40
Benzene
Concen: 51.730 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





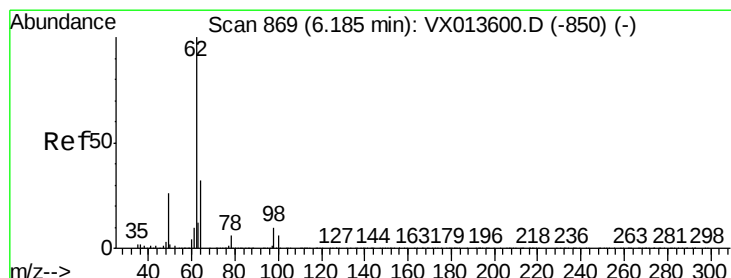
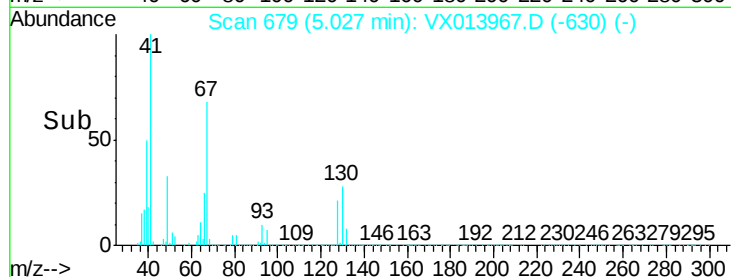
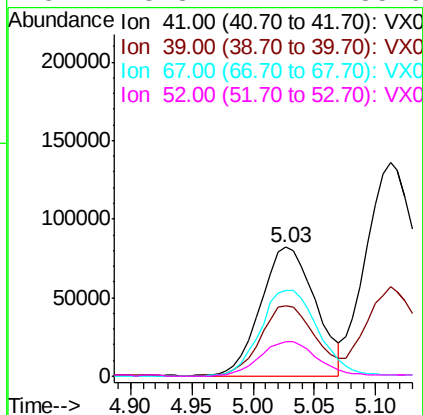
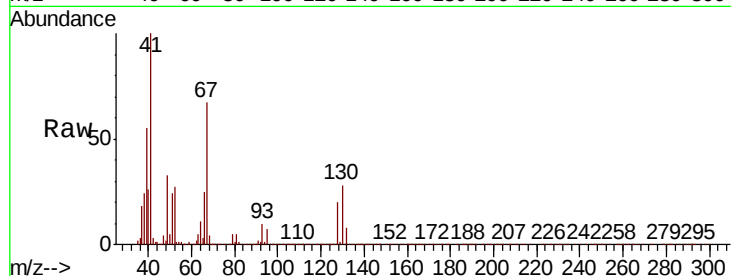
#41
Methacrylonitrile
Concen: 52.832 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	42.9	64.3	
67	71.2	57.4	86.0	
52	28.3	22.4	33.6	

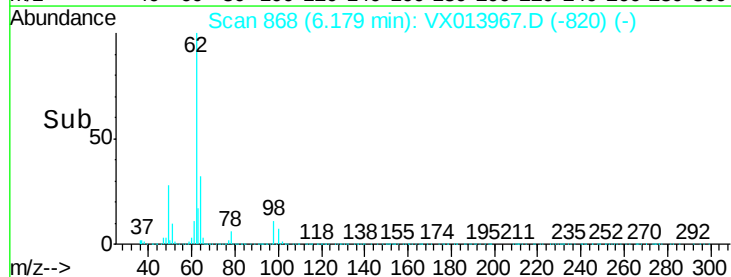
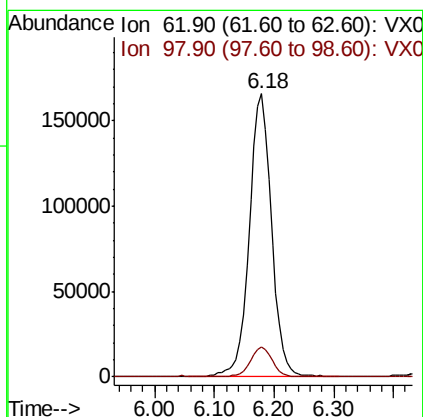
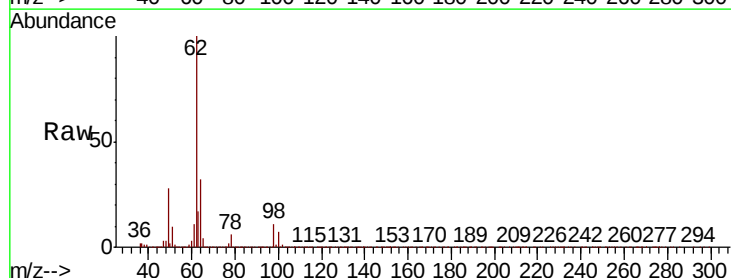
Manual Integrations
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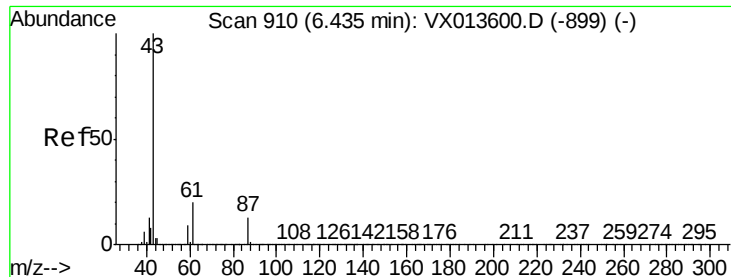
apatel
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#42
1,2-Dichloroethane
Concen: 53.192 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.8	





#43

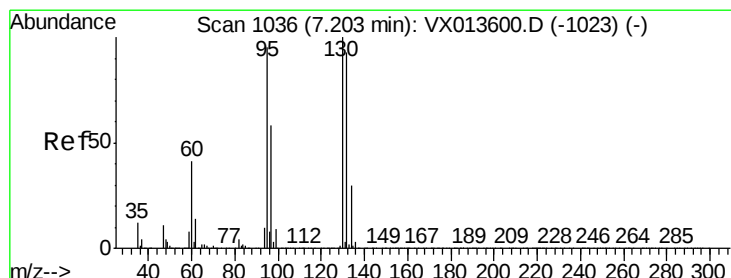
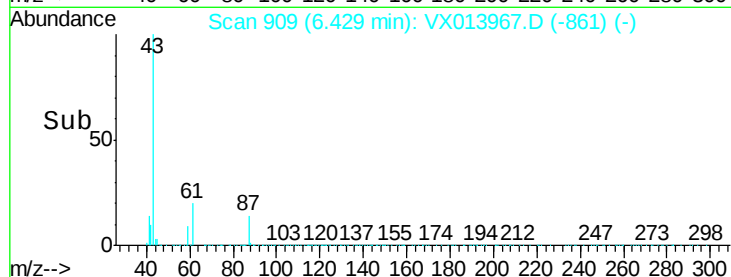
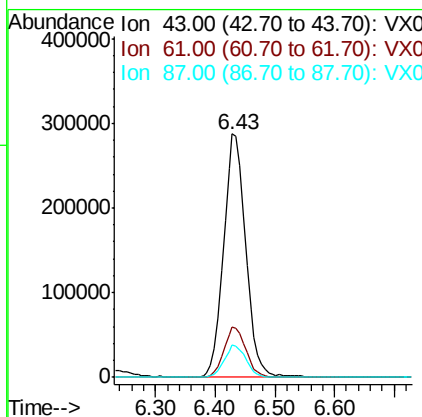
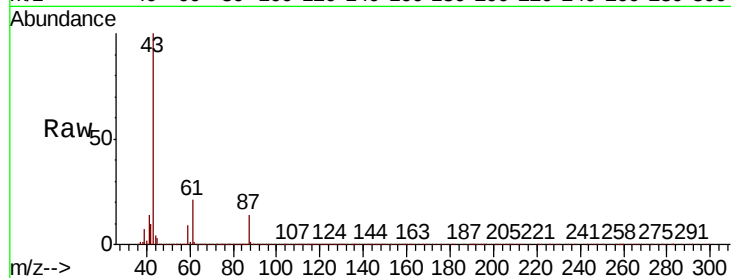
Isopropyl Acetate
 Concen: 51.303 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013967.D
 Acq: 12 Dec 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.0	10.8	16.2

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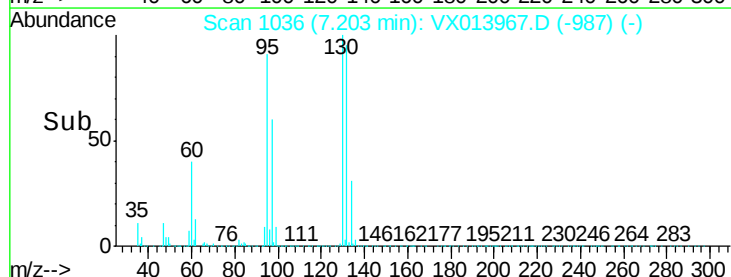
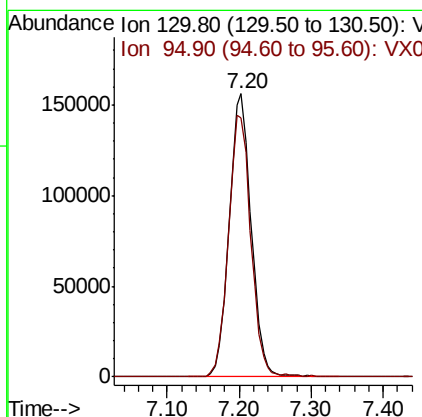
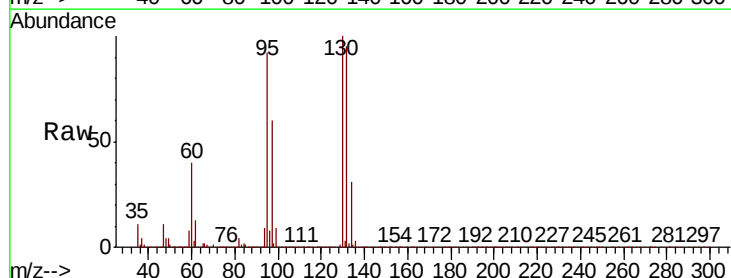
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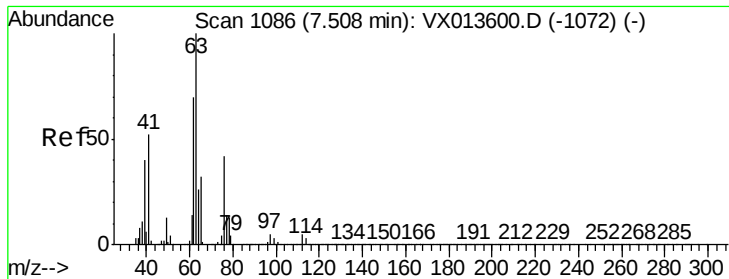


#44

Trichloroethene
 Concen: 50.807 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013967.D
 Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	190.8





#45

1,2-Dichloropropane

Concen: 55.442 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 330100

Ion Ratio Lower Upper

63 100

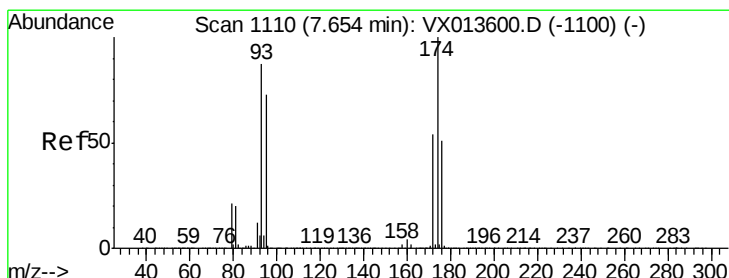
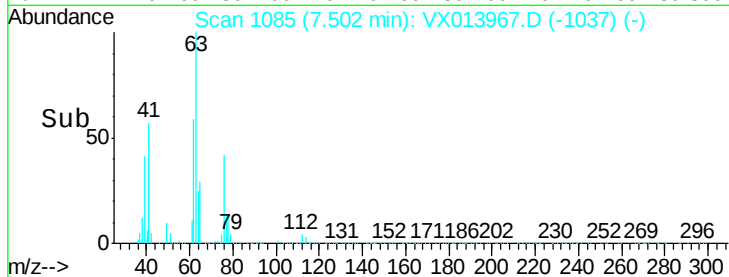
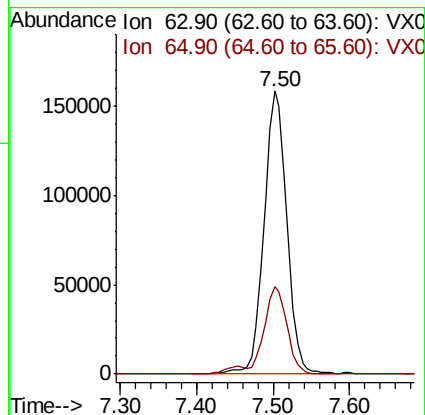
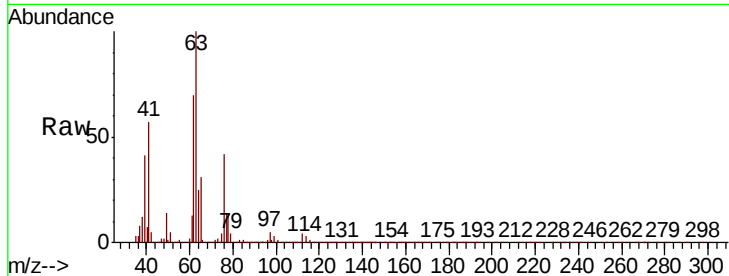
65 30.6 25.5 38.3

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#46

Dibromomethane

Concen: 51.169 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

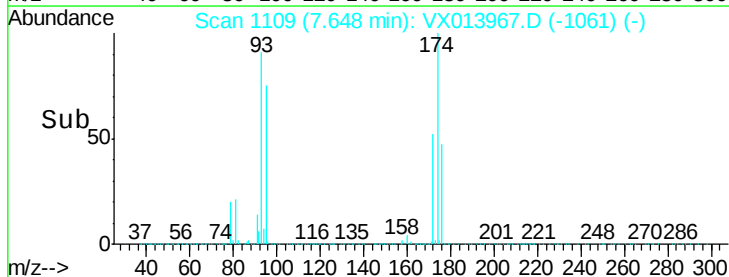
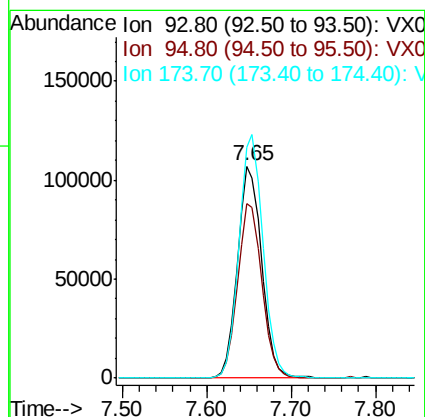
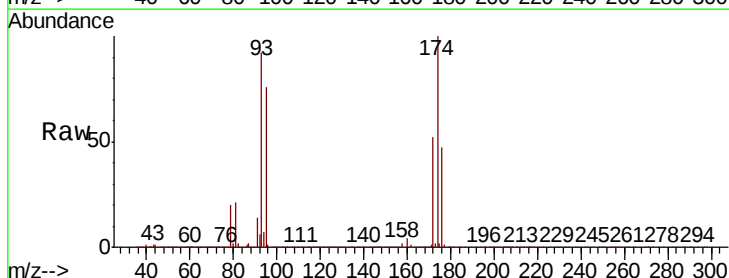
Tgt Ion: 93 Resp: 206918

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

174 114.1 93.4 140.0





#47

Bromodichloromethane

Concen: 54.431 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

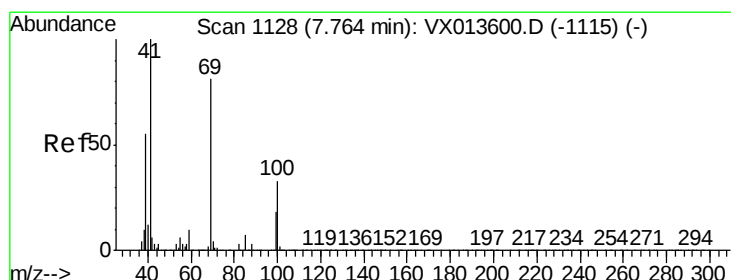
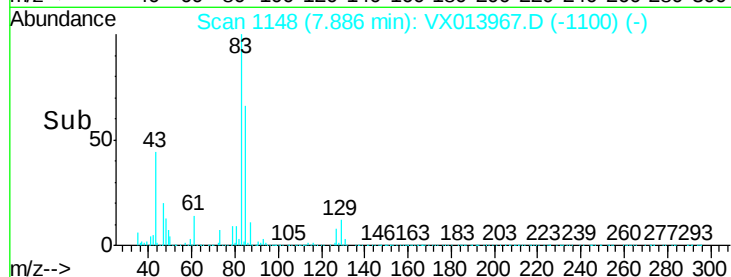
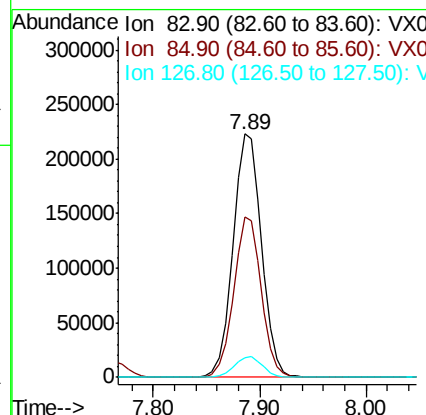
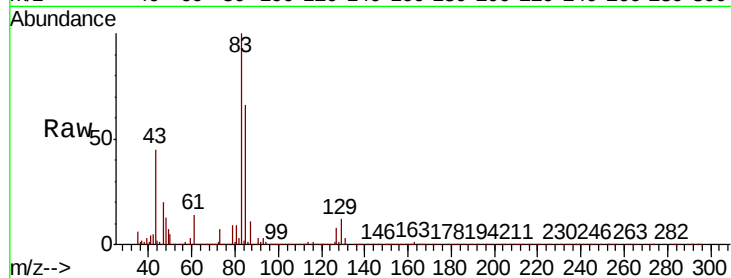
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	416110
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.1	78.1
127	8.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 53.802 ug/l

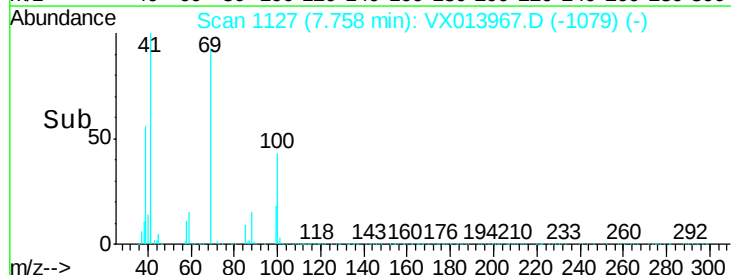
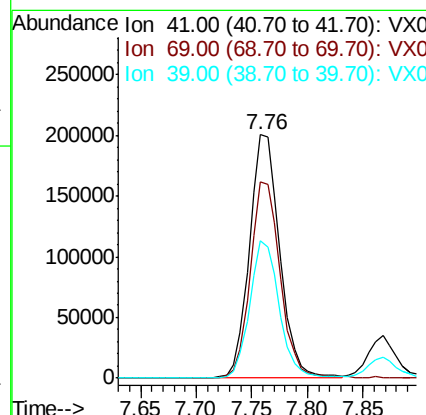
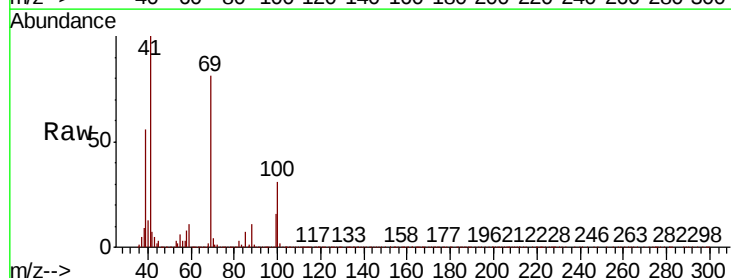
RT: 7.76 min Scan# 1127

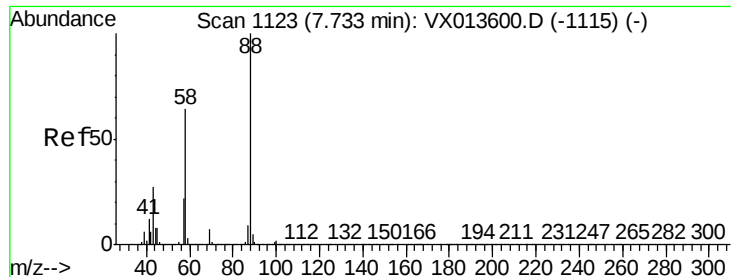
Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion:	41	Resp:	377240
Ion	Ratio	Lower	Upper
41	100		
69	80.0	64.7	97.1
39	55.0	43.8	65.6





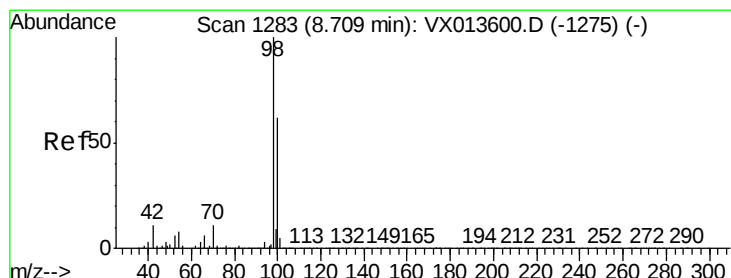
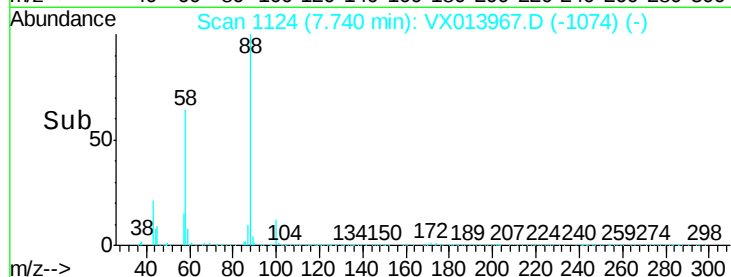
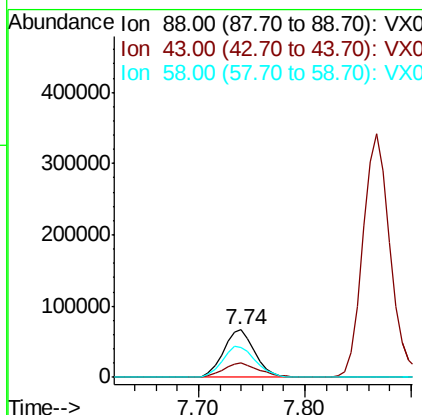
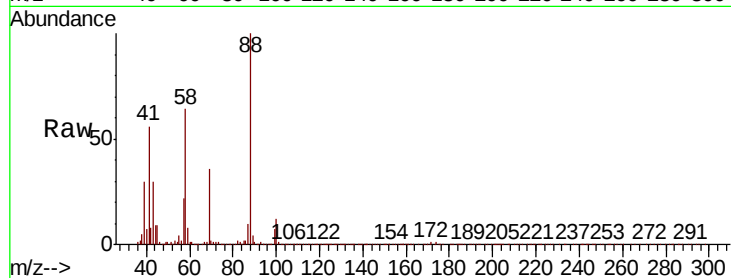
#49
1,4-Dioxane
Concen: 868.226 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	25.8	38.6
58	70.7	54.6	82.0

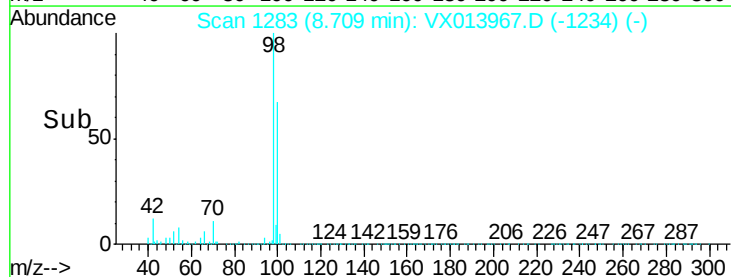
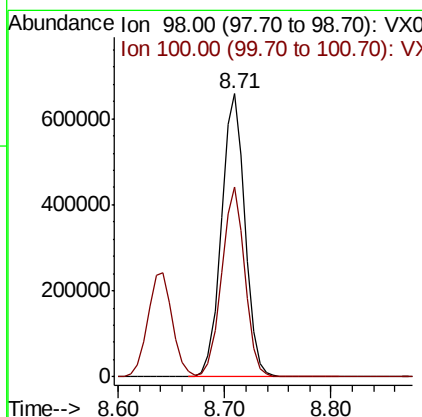
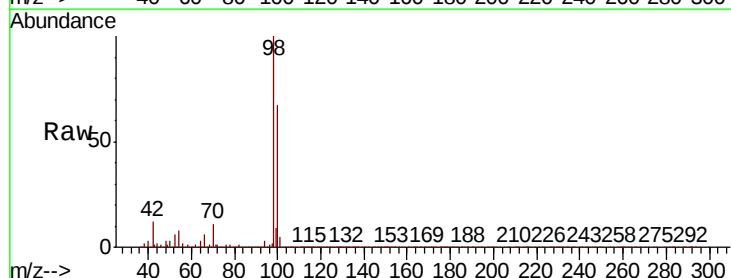
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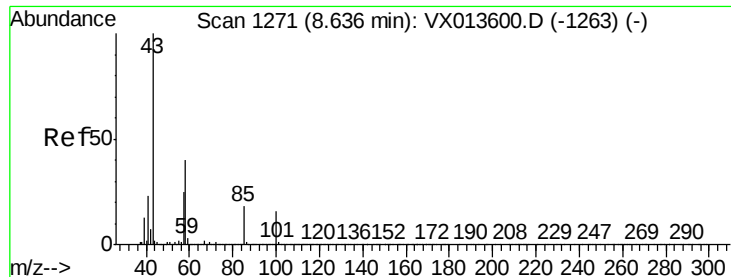
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#50
Toluene-d8
Concen: 48.756 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 270.997 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2459930

Ion Ratio Lower Upper

43 100

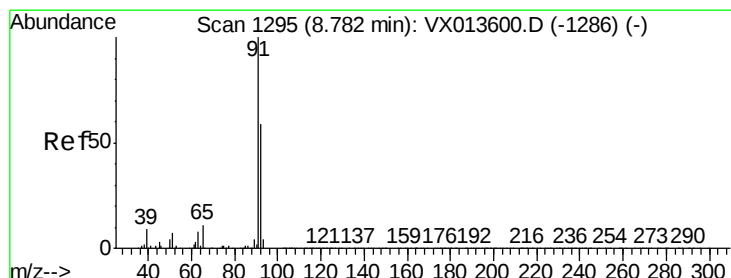
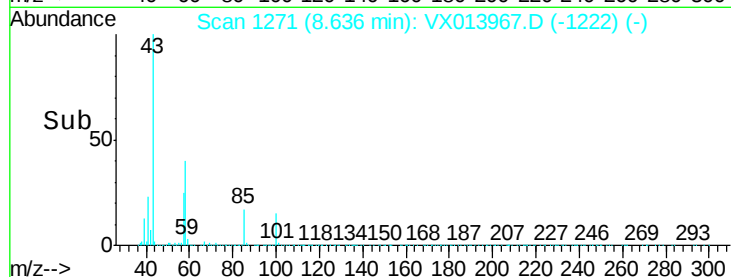
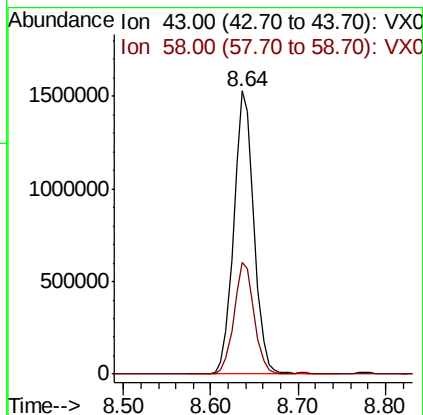
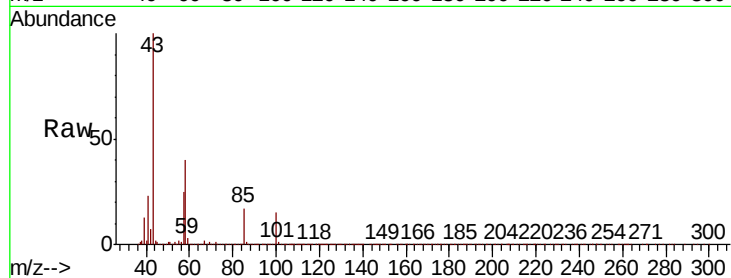
58 39.5 32.1 48.1

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#52

Toluene

Concen: 52.727 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013967.D

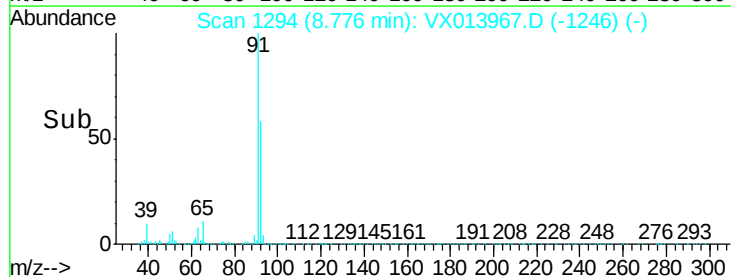
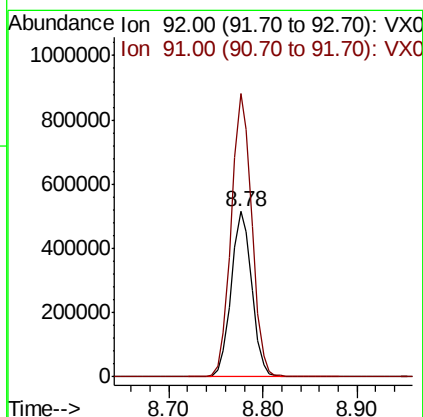
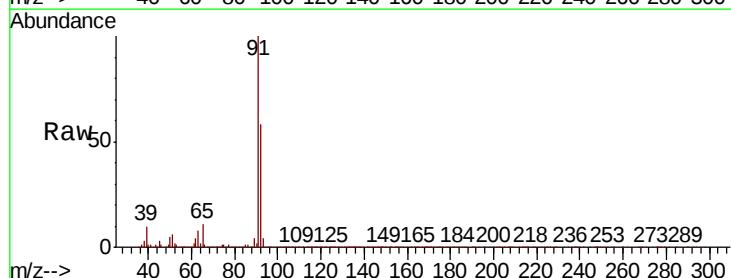
Acq: 12 Dec 2019 09:55

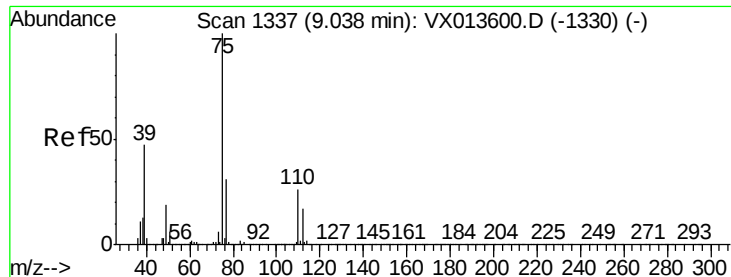
Tgt Ion: 92 Resp: 779503

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 53.342 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 464154

Ion Ratio Lower Upper

75 100

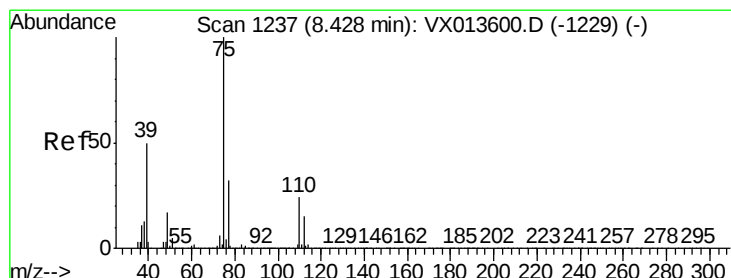
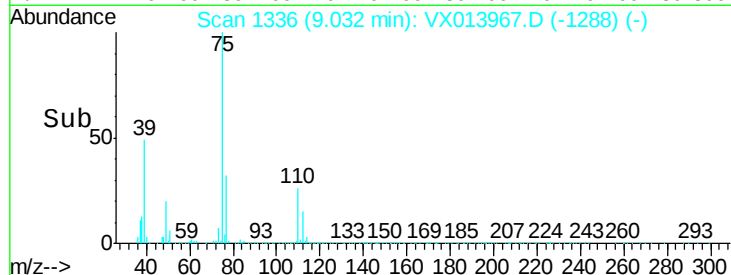
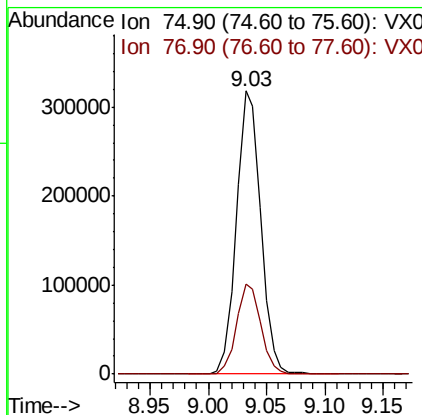
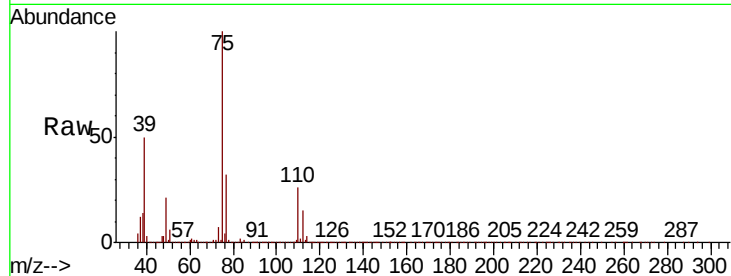
77 31.7 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 54.391 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

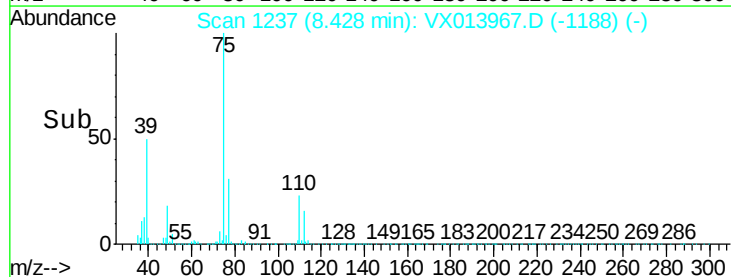
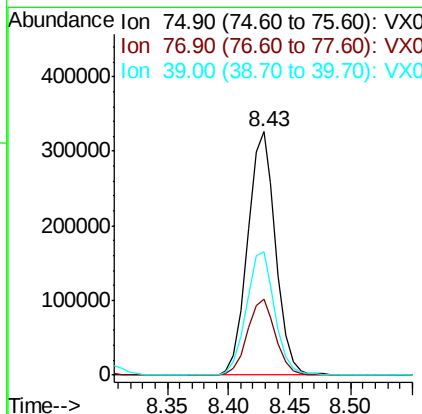
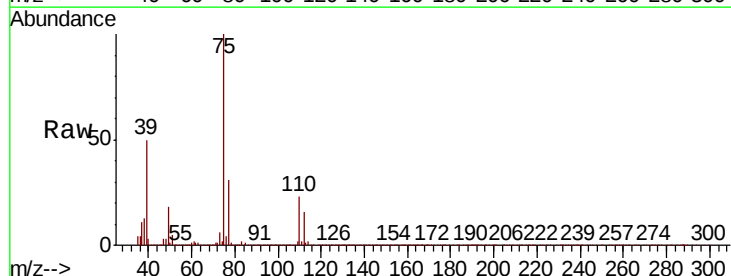
Tgt Ion: 75 Resp: 517070

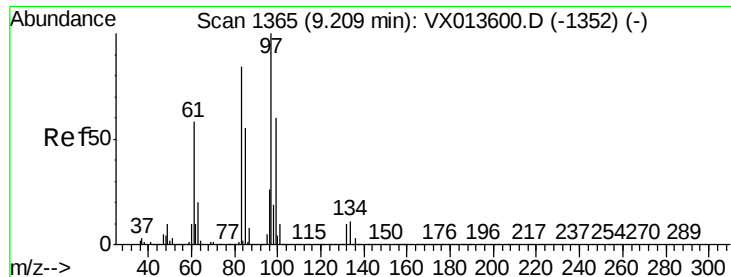
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 50.3 39.9 59.9





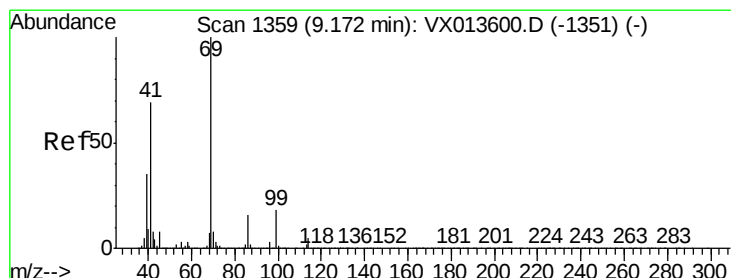
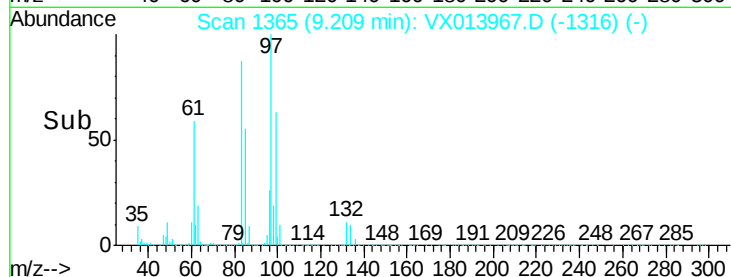
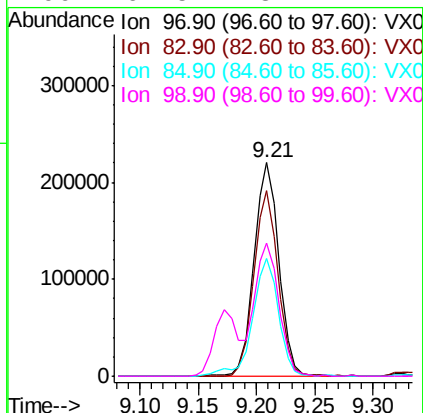
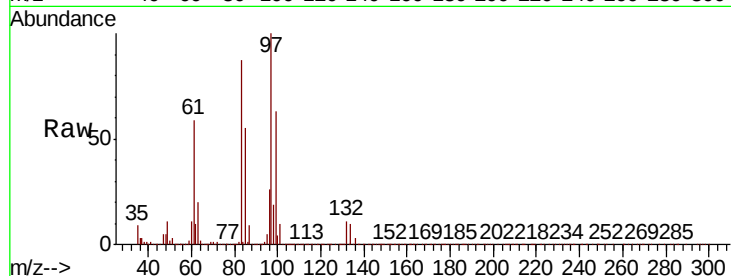
#55
 1,1,2-Trichloroethane
 Concen: 55.037 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013967.D
 Acq: 12 Dec 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		327888		
83	86.7	67.3	100.9		
85	55.0	43.6	65.4		
99	62.5	48.2	72.4		

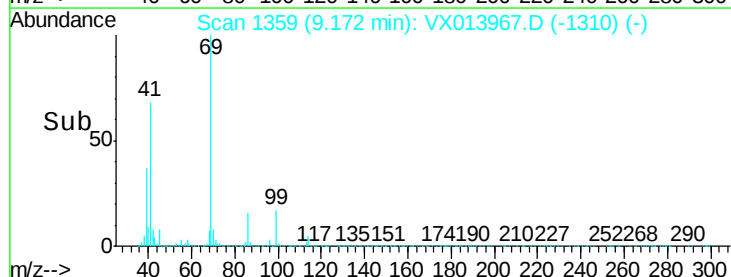
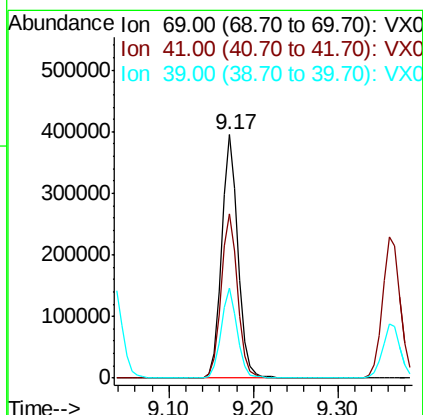
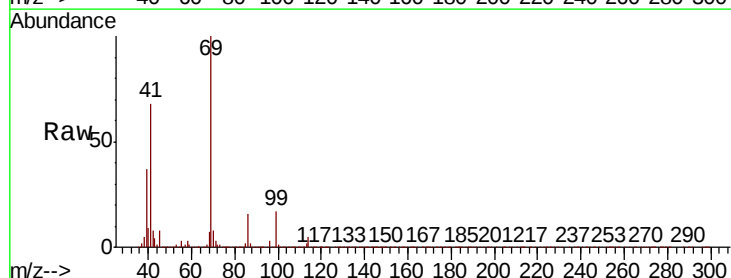
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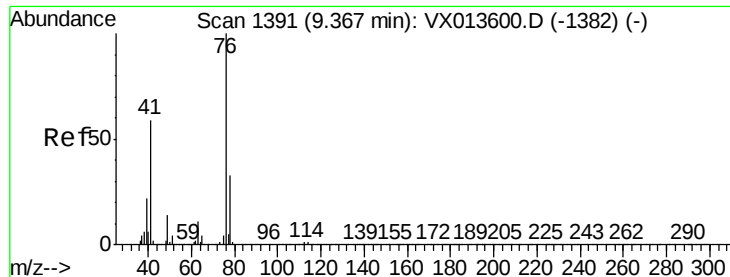
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#56
 Ethyl methacrylate
 Concen: 55.185 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013967.D
 Acq: 12 Dec 2019 09:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		528582		
41	68.4	55.0	82.4		
39	36.2	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 53.482 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 549198

Ion Ratio Lower Upper

76 100

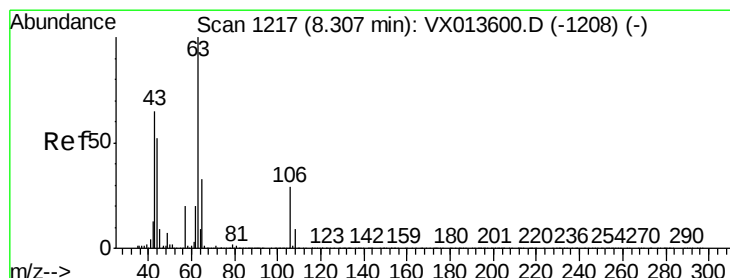
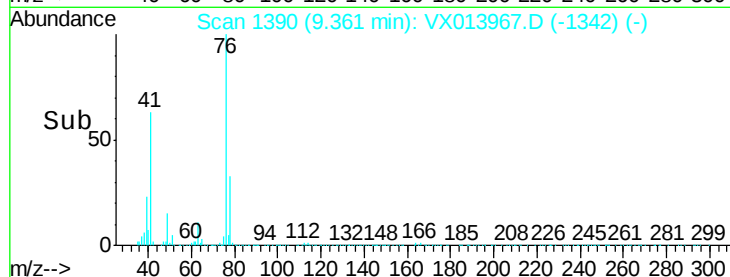
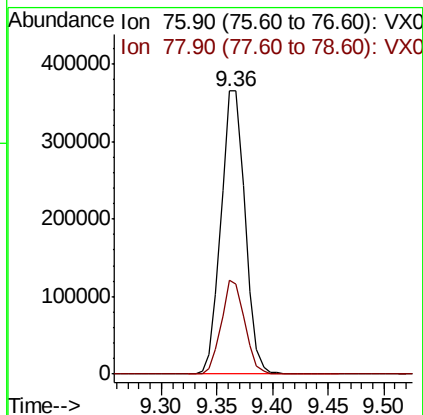
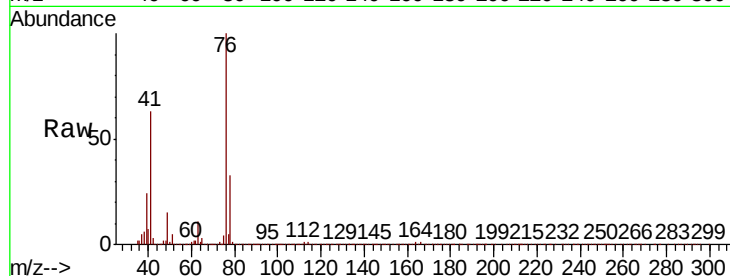
78 32.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 262.794 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013967.D

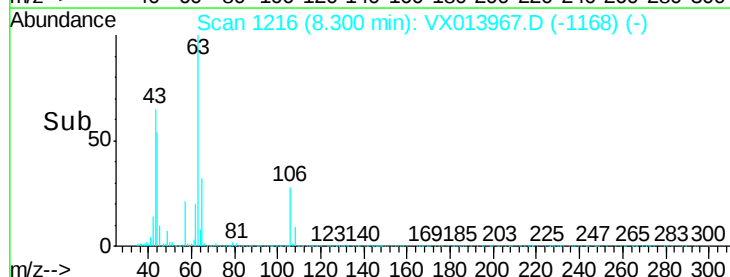
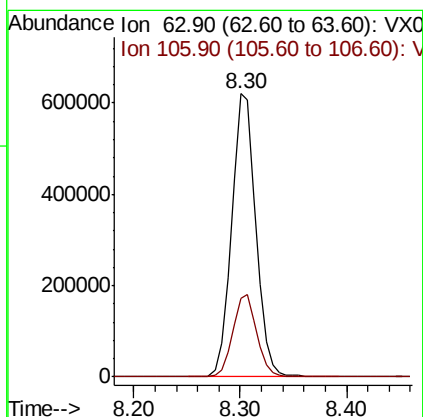
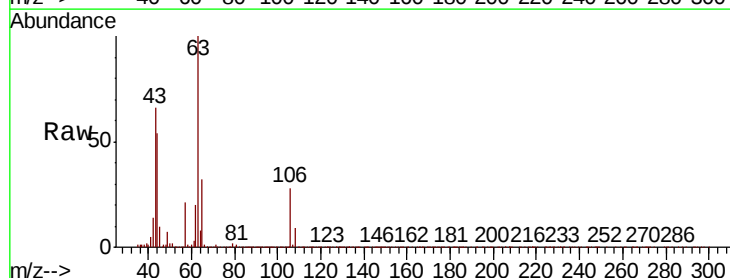
Acq: 12 Dec 2019 09:55

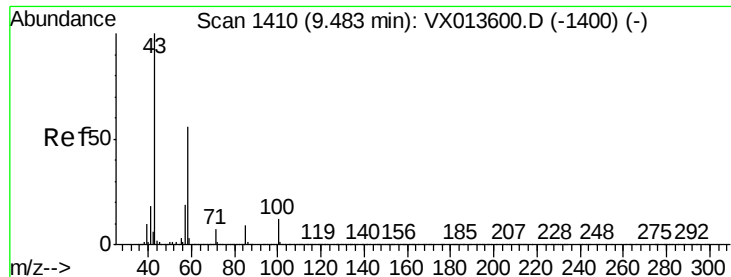
Tgt Ion: 63 Resp: 986900

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.0





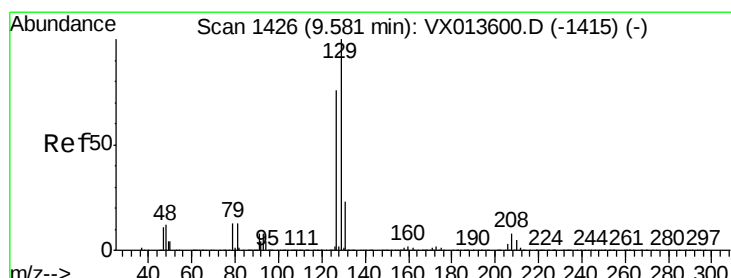
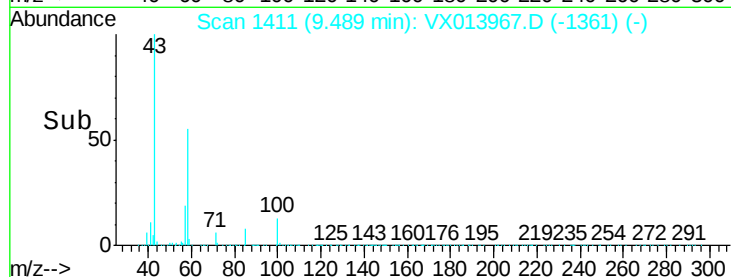
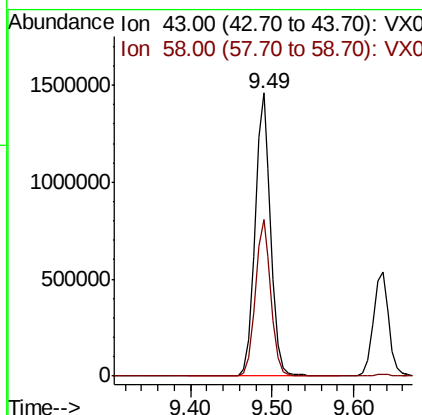
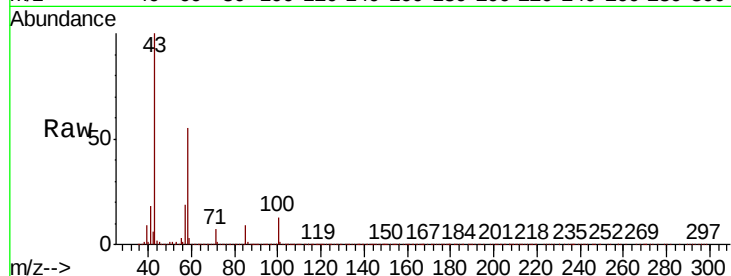
#59
2-Hexanone
Concen: 276.933 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1960584
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

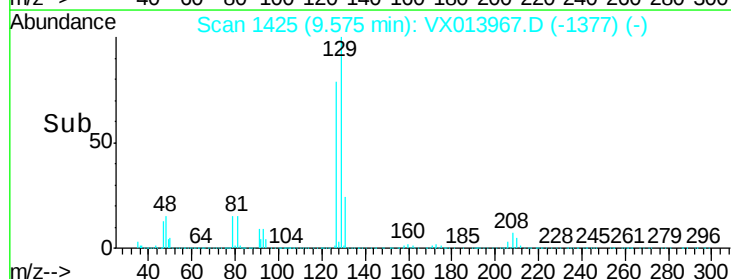
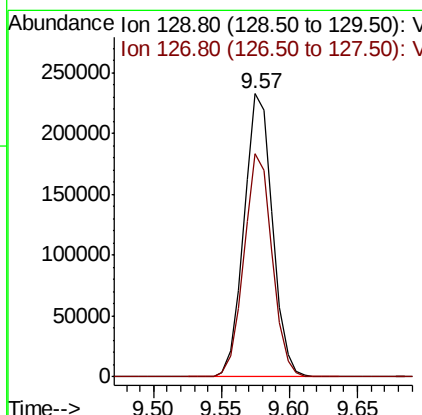
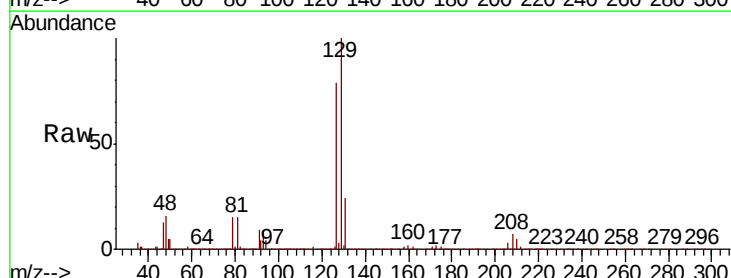
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#60
Dibromochloromethane
Concen: 54.982 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion: 129 Resp: 339938
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.241 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 332404

Ion Ratio Lower Upper

107 100

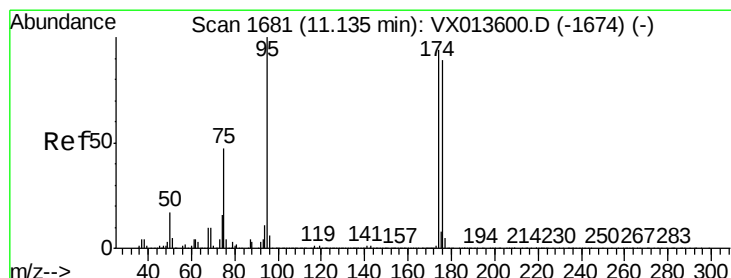
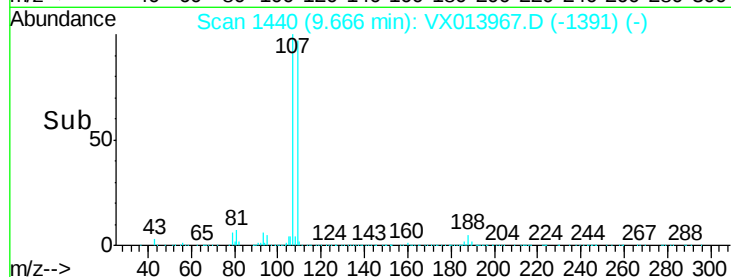
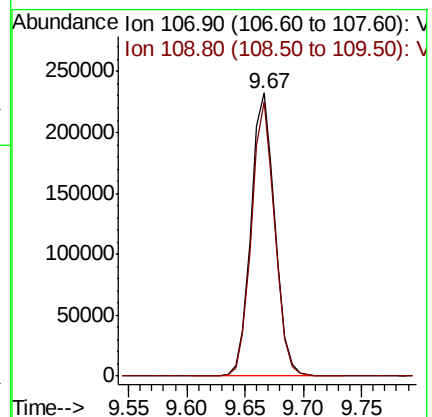
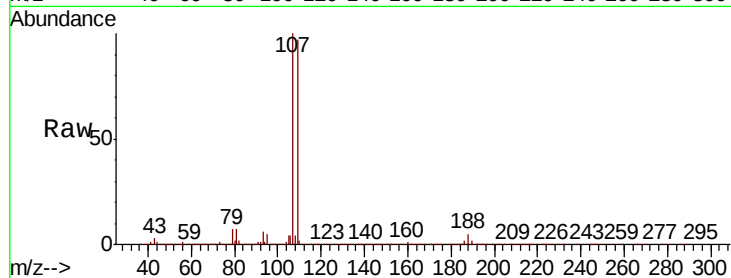
109 94.5 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 53.487 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

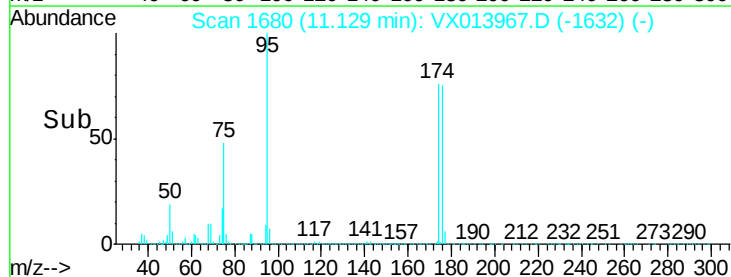
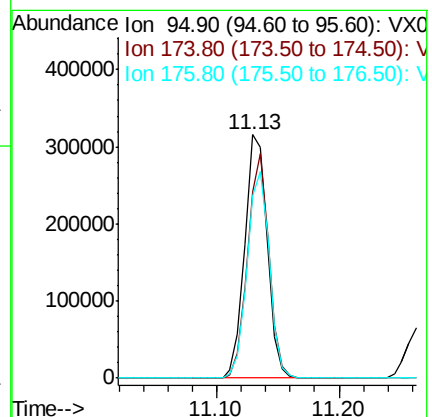
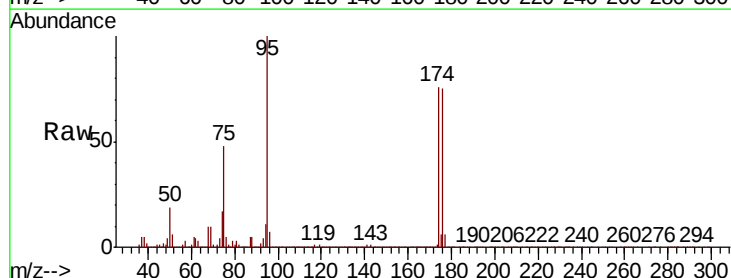
Tgt Ion: 95 Resp: 399879

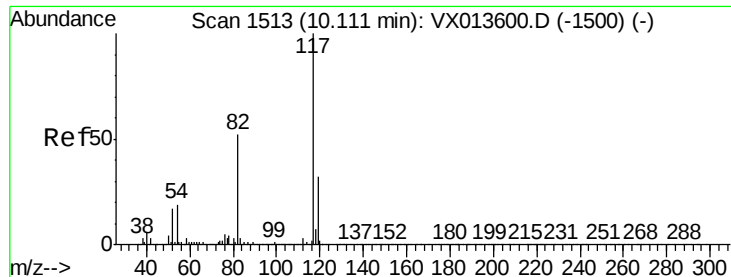
Ion Ratio Lower Upper

95 100

174 87.7 0.0 180.0

176 84.2 0.0 173.6





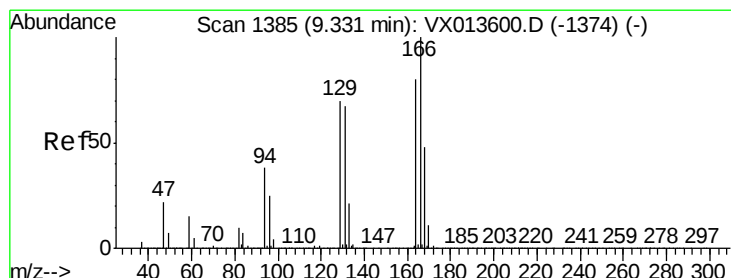
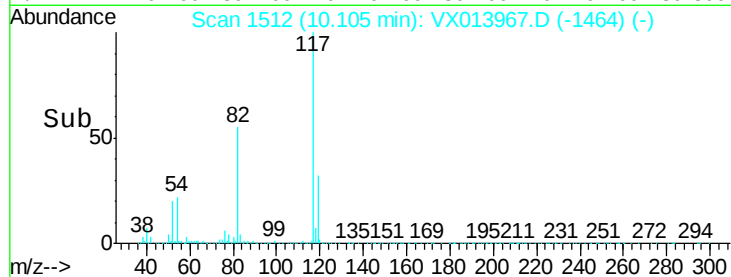
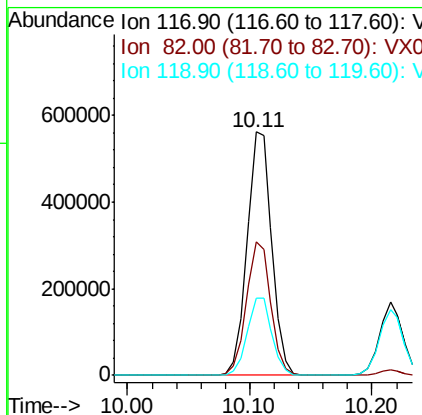
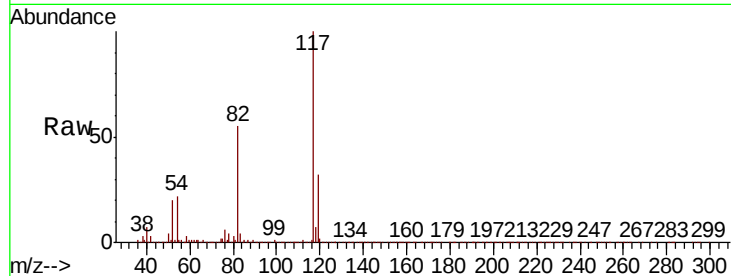
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	786014		
82	54.8		41.8	62.8
119	31.9		25.8	38.8

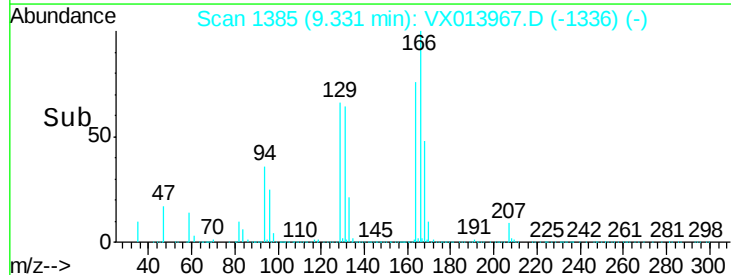
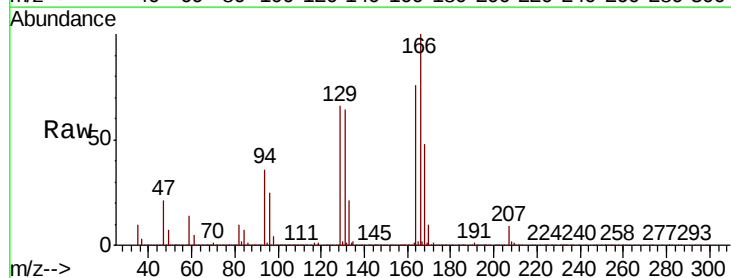
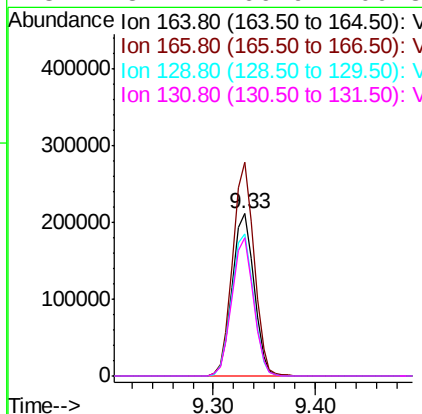
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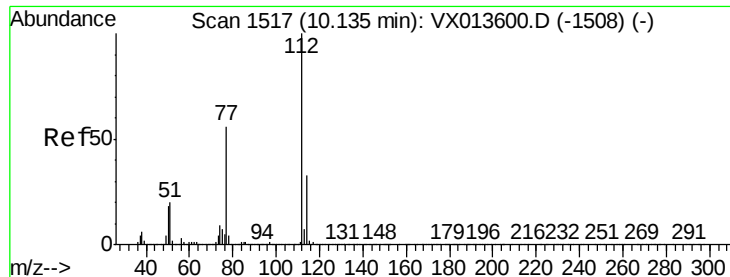
apatel
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#64
Tetrachloroethene
Concen: 52.755 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	309227		
166	131.4		99.7	149.5
129	87.1		70.1	105.1
131	84.7		66.9	100.3





#65

Chlorobenzene

Concen: 51.929 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 847436

Ion Ratio Lower Upper

112 100

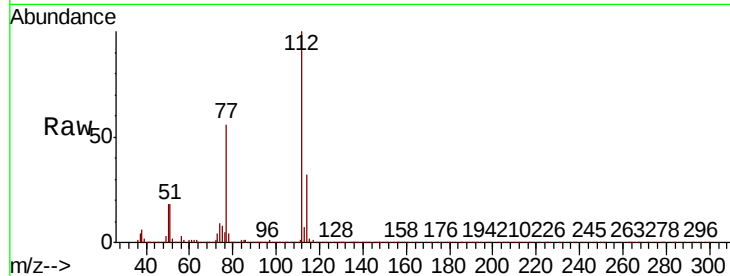
114 32.4 26.1 39.1

Manual Integrations

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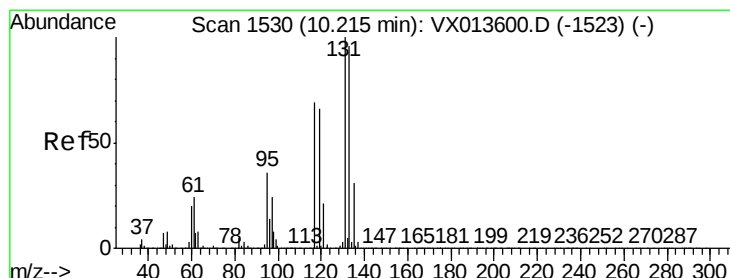
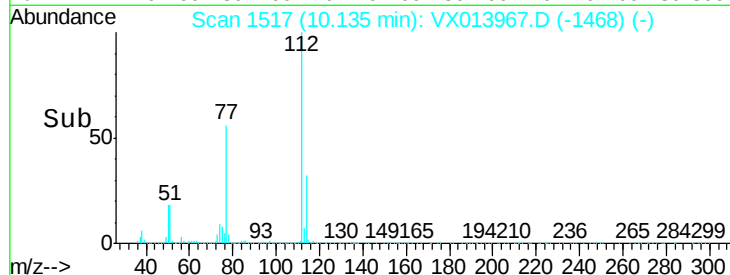
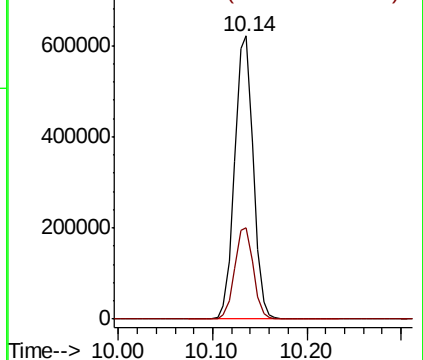
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.996 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

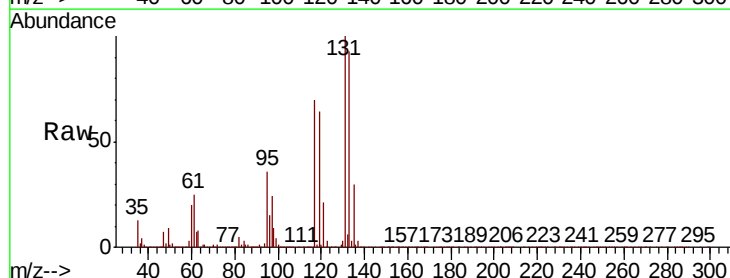
Tgt Ion:131 Resp: 322284

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

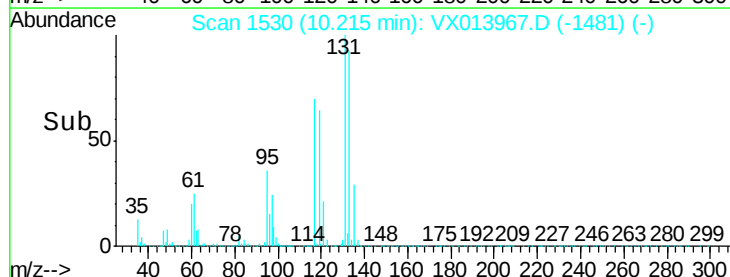
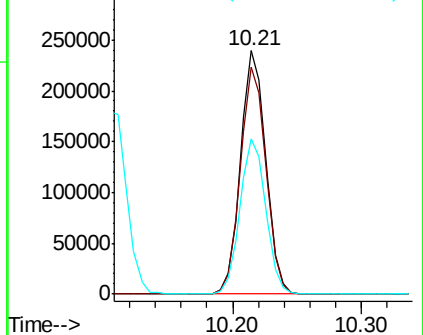
119 65.7 32.9 98.6

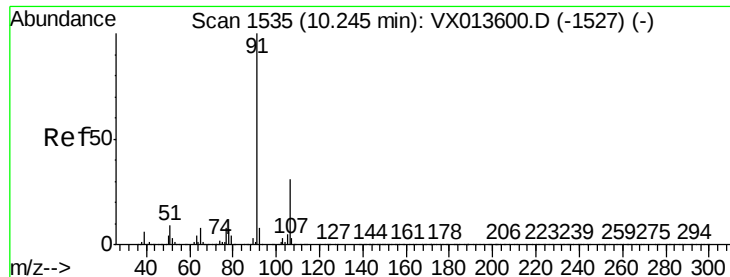


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





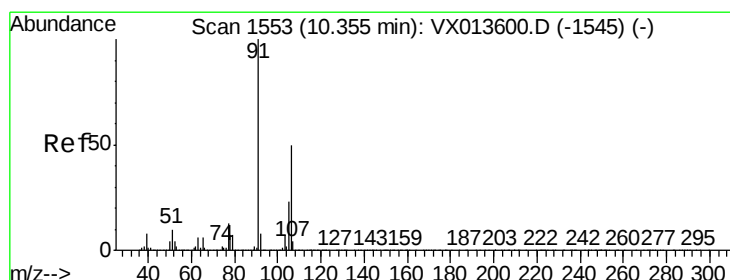
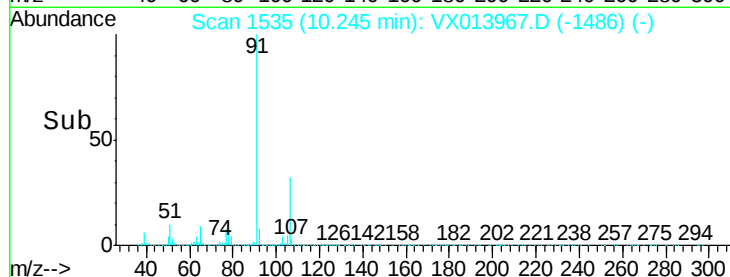
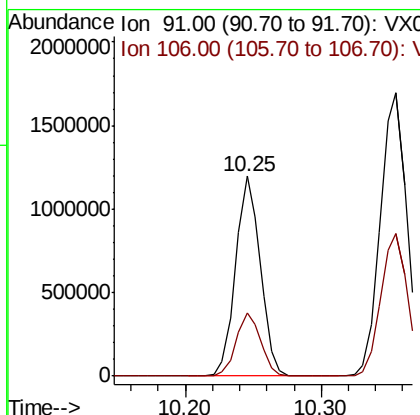
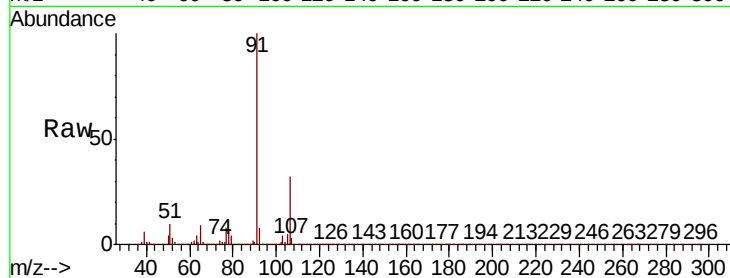
#67
Ethyl Benzene
Concen: 53.799 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1508680
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

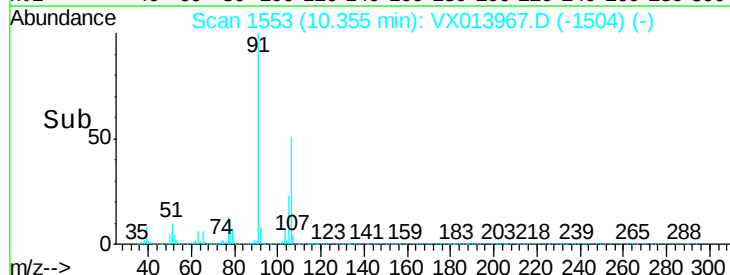
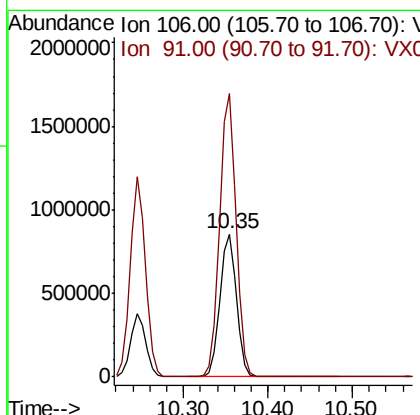
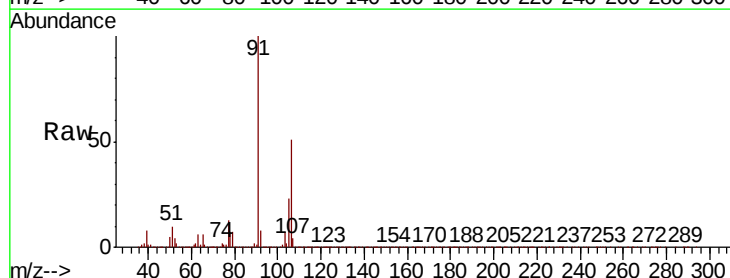
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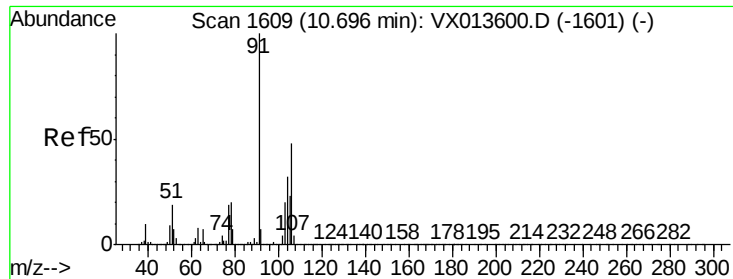
apatel
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#68
m/p-Xylenes
Concen: 108.214 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion: 106 Resp: 1161824
Ion Ratio Lower Upper
106 100
91 197.9 159.0 238.4





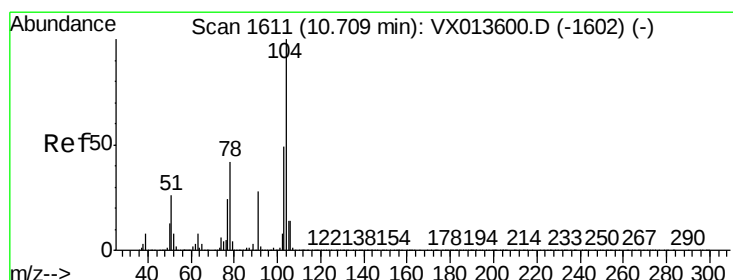
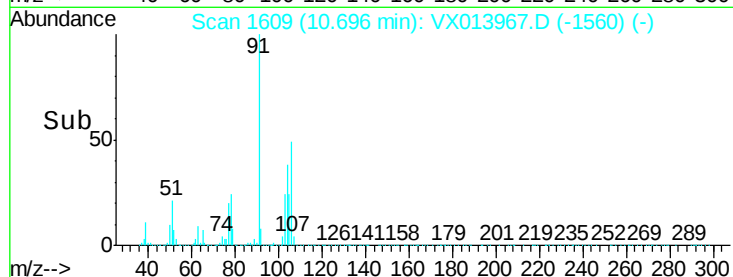
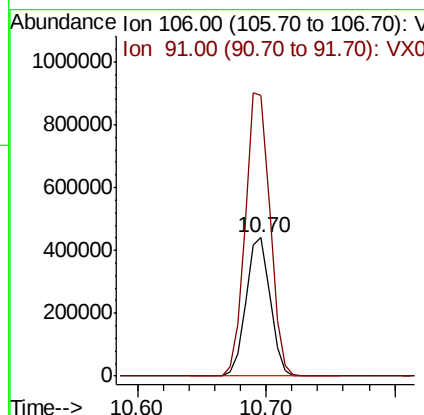
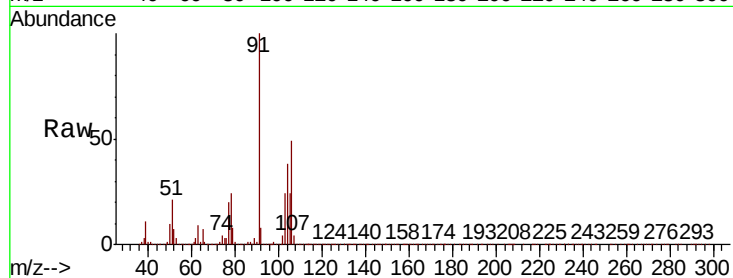
#69
o-Xylene
Concen: 54.076 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	104.1	312.2

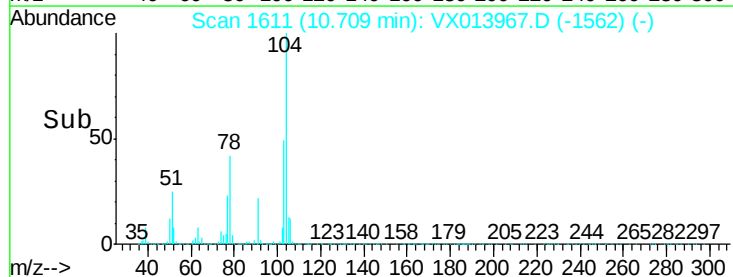
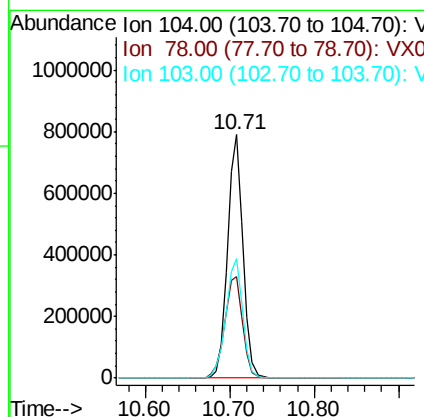
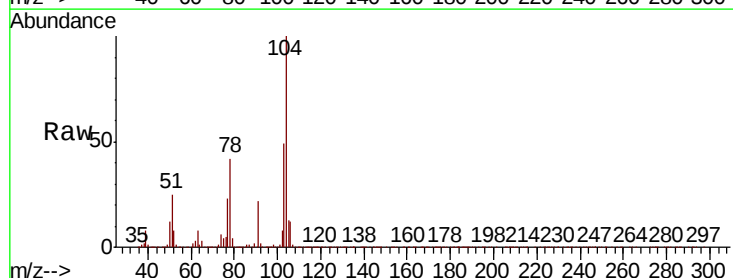
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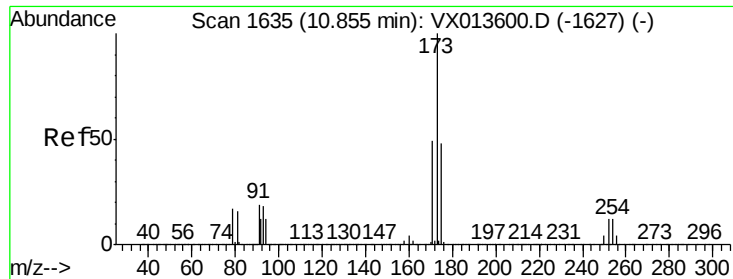
apatel
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#70
Styrene
Concen: 56.570 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.5	57.7
103	53.8	43.7	65.5





#71

Bromoform

Concen: 56.249 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

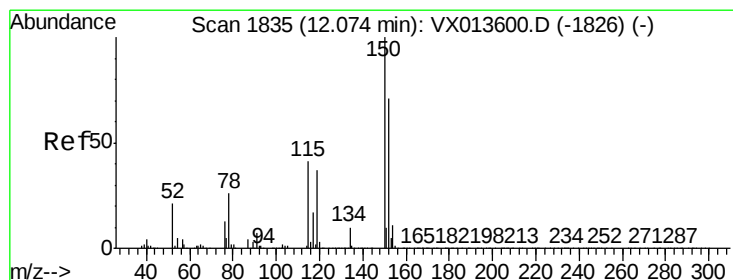
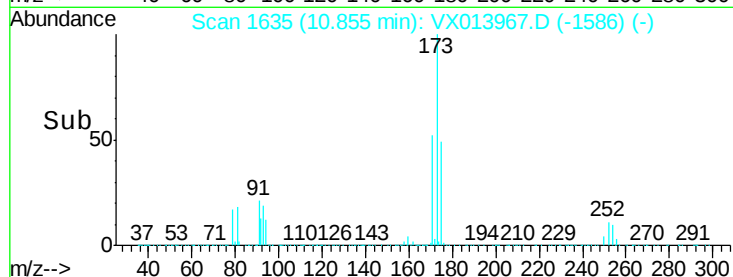
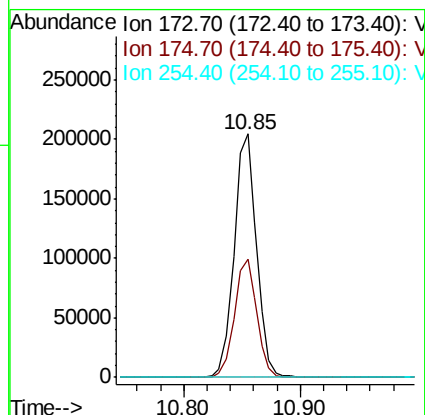
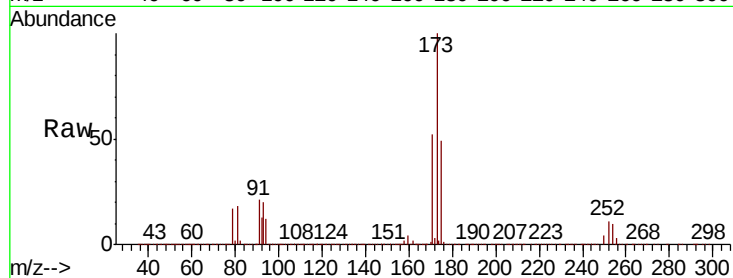
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

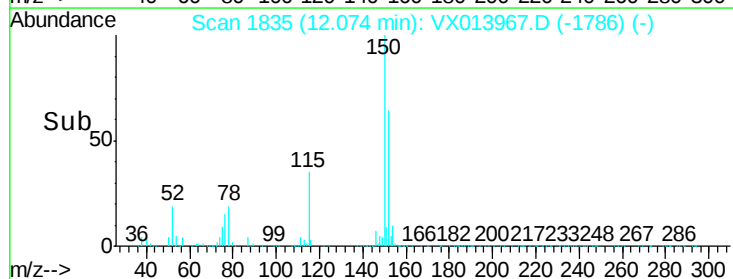
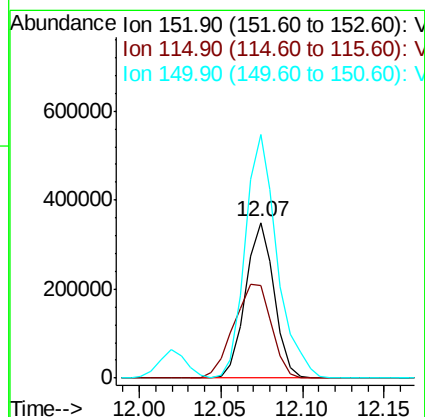
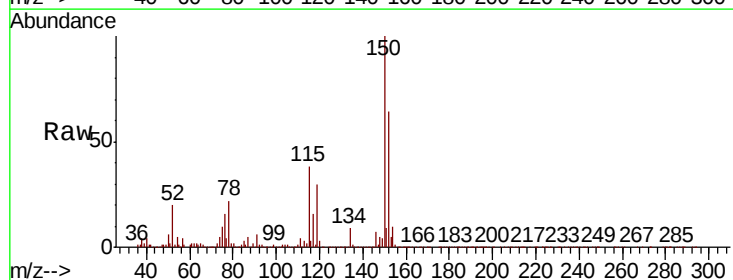
RT: 12.07 min Scan# 1835

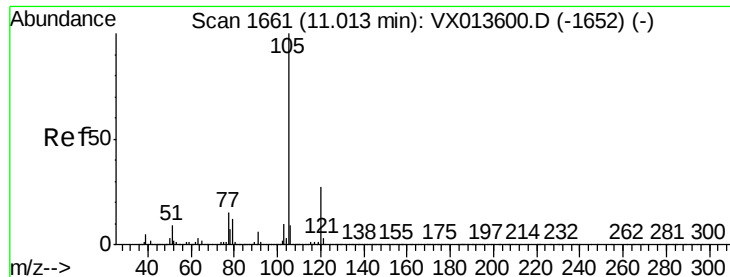
Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.6	38.4	115.1
150	174.8	0.0	346.8





#73

Isopropylbenzene

Concen: 50.806 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1522150

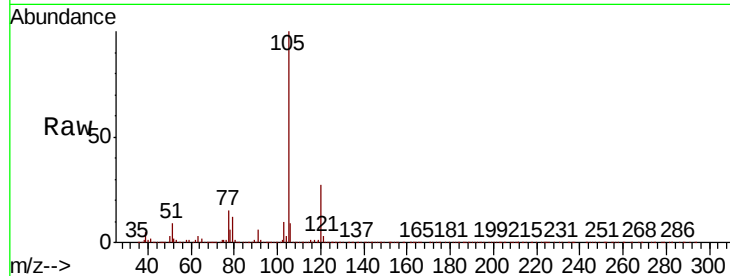
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

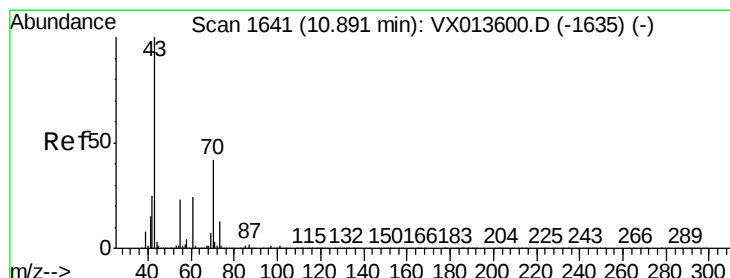
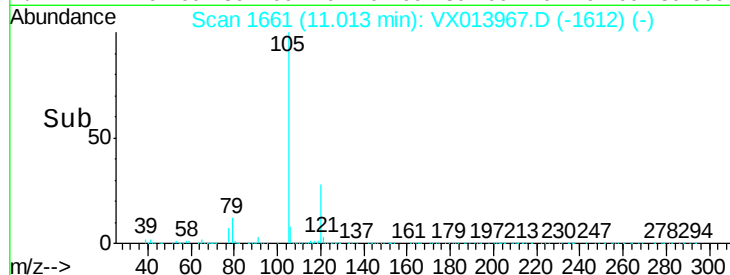
11.01

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 52.465 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion: 43 Resp: 720050

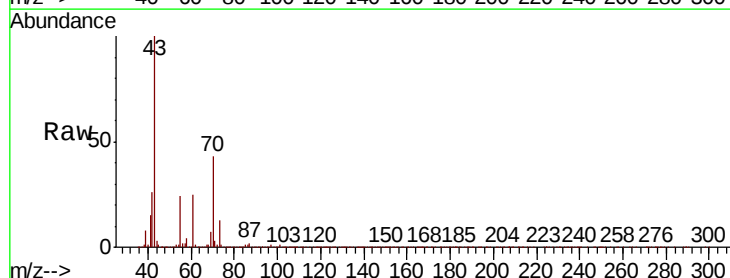
Ion Ratio Lower Upper

43 100

70 43.0 34.3 51.5

55 23.9 18.5 27.7

61 24.8 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

800000

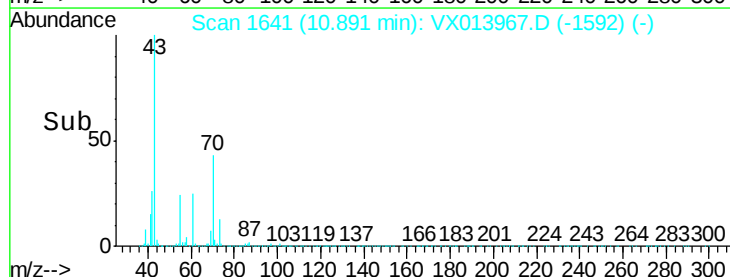
600000

400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 52.945 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

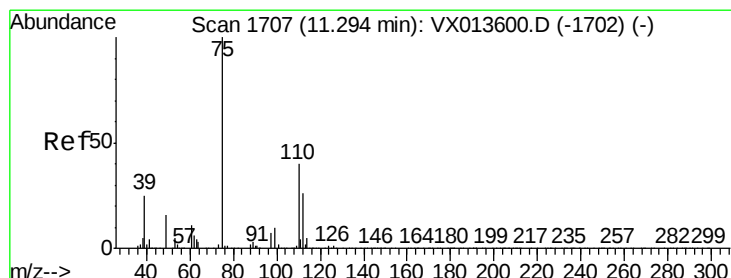
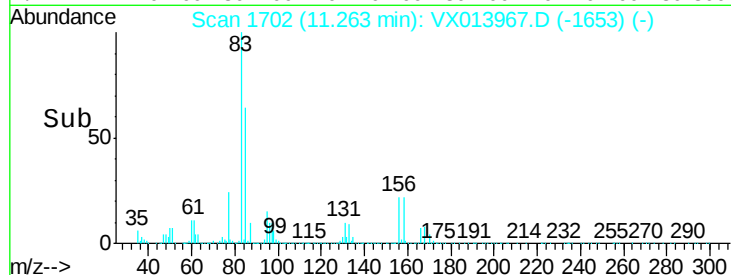
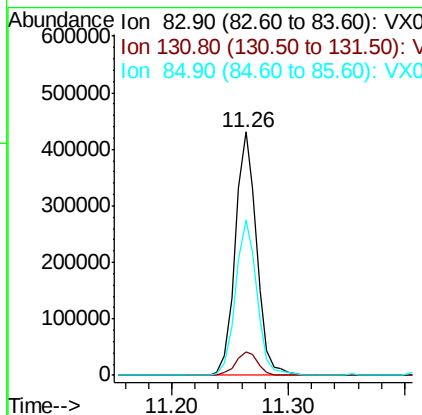
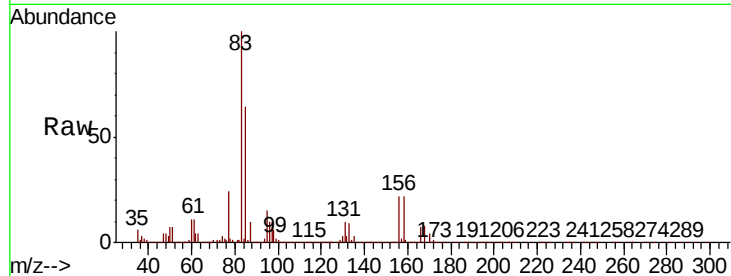
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	550102
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	64.2	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 44.157 ug/l m

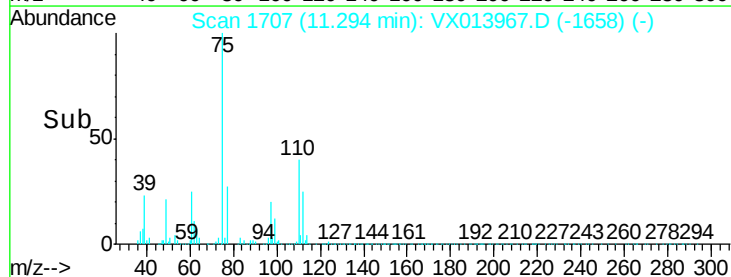
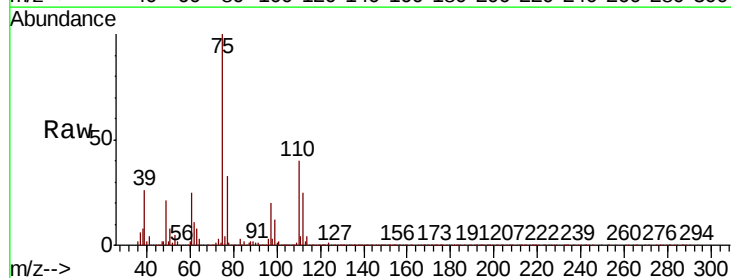
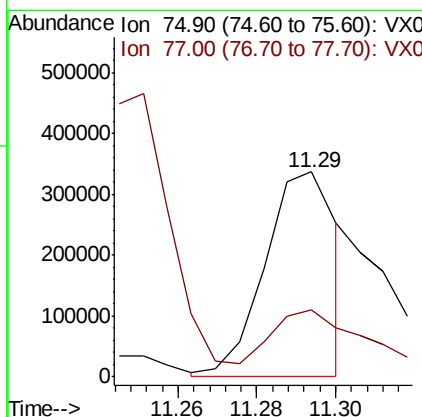
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion:	75	Resp:	424189
Ion Ratio	Lower	Upper	
75	100		
77	44.5	19.1	57.5





#77

Bromobenzene

Concen: 49.263 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

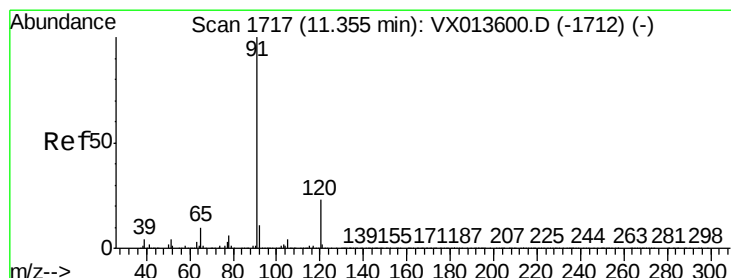
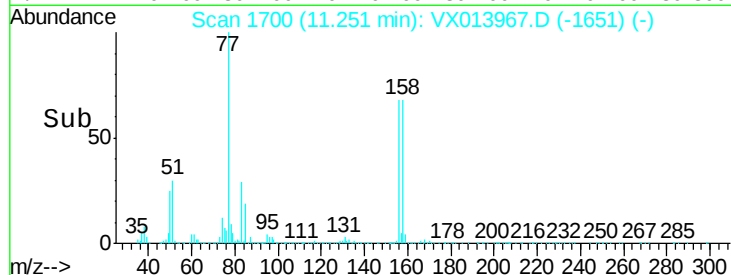
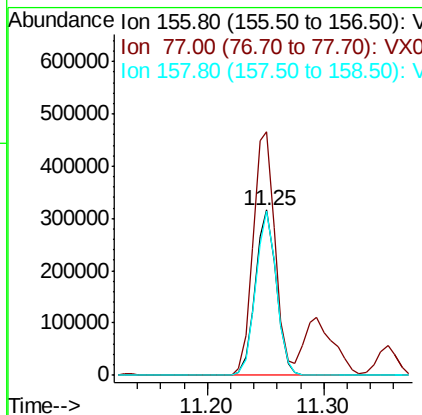
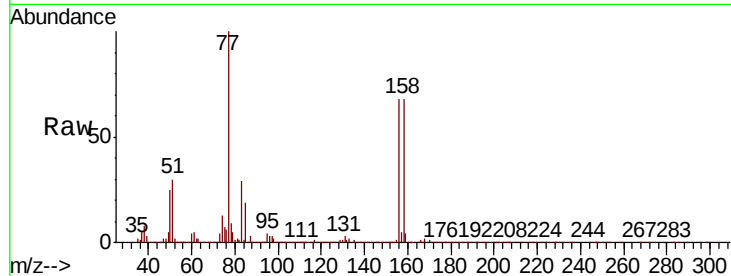
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	398730
Ion Ratio	Lower	Upper	
156	100		
77	154.6	74.4	223.1
158	98.1	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 52.939 ug/l

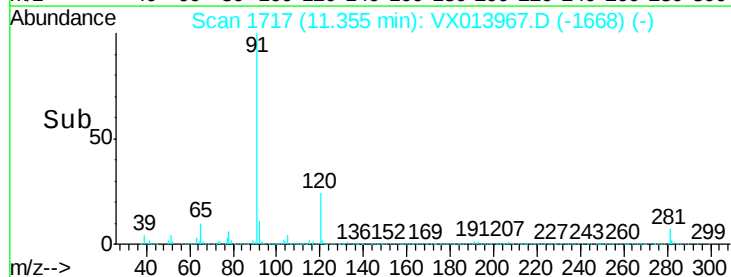
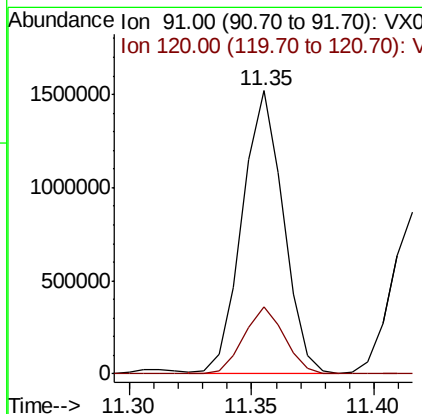
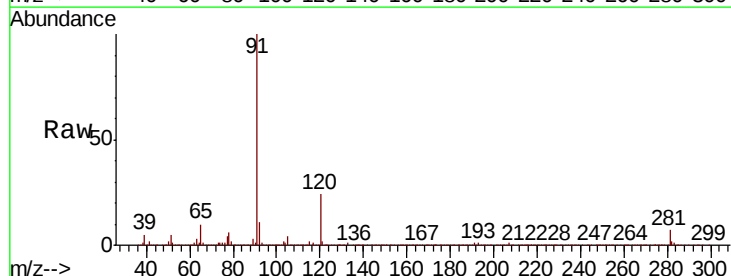
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion:	91	Resp:	1770529
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





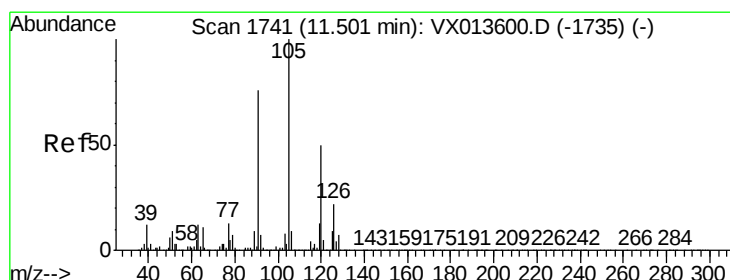
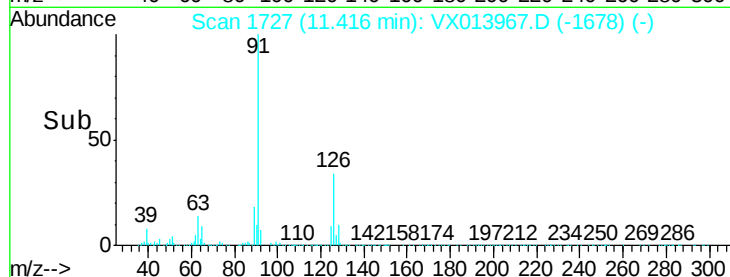
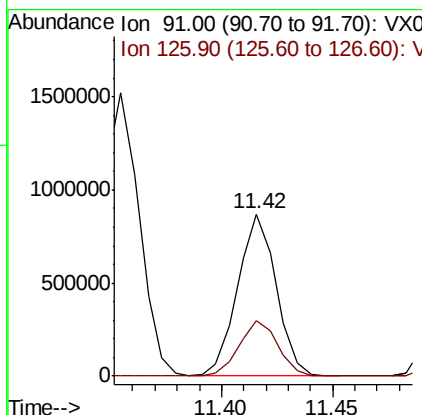
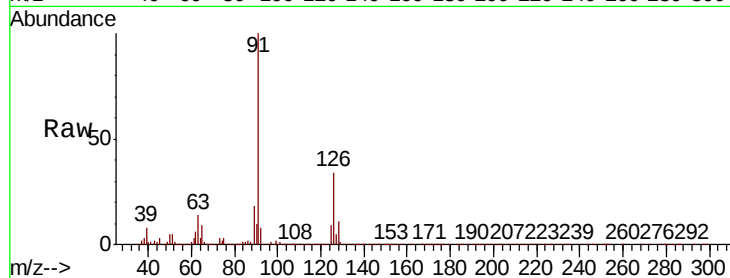
#79
2-Chlorotoluene
Concen: 52.218 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1047629
Ion Ratio Lower Upper
91 100
126 34.4 17.5 52.5

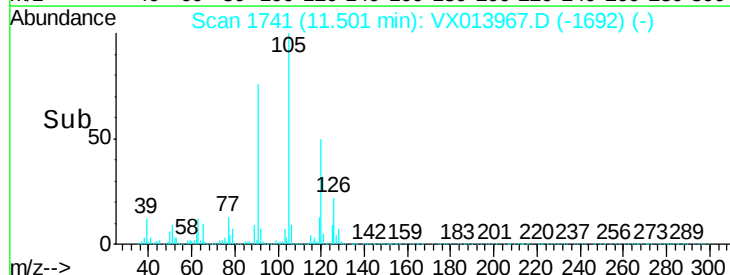
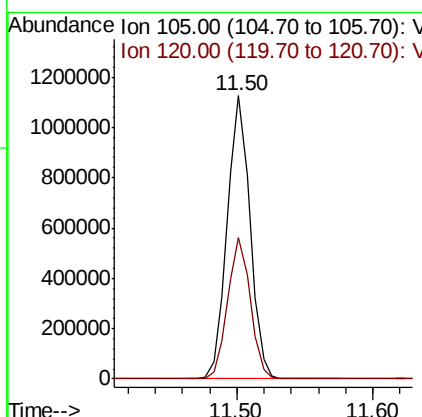
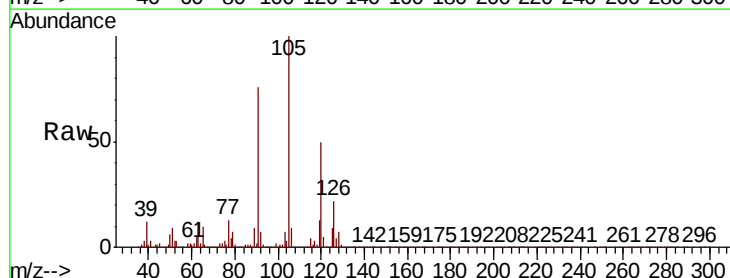
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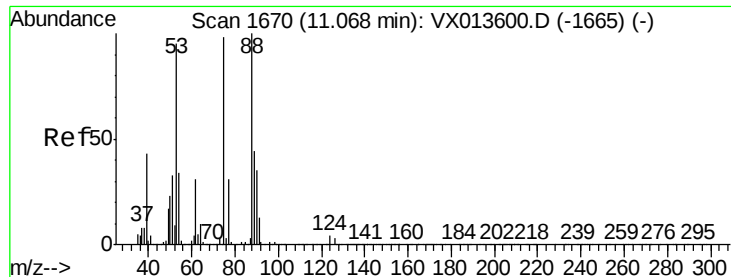
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 53.326 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion: 105 Resp: 1309420
Ion Ratio Lower Upper
105 100
120 49.5 25.3 75.9





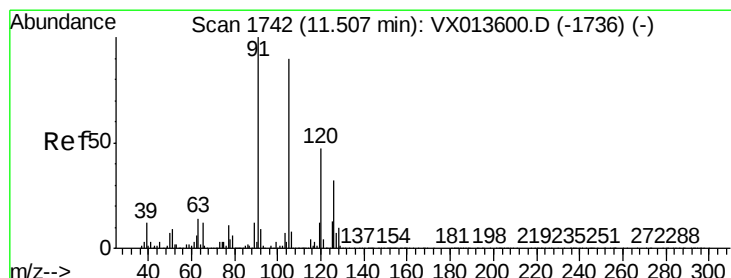
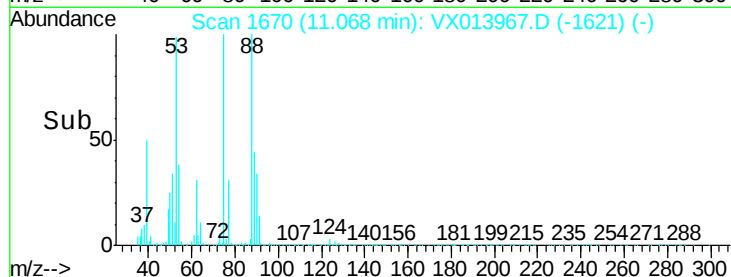
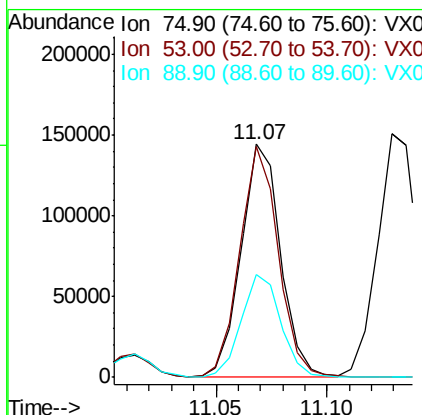
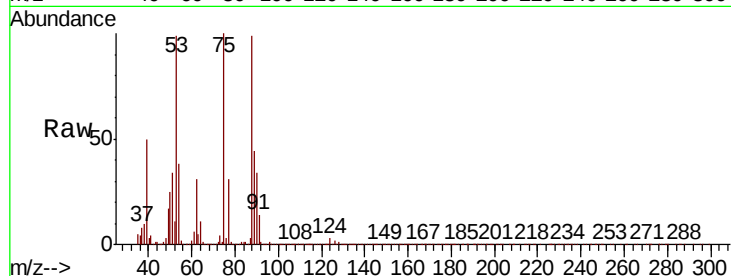
#81
trans-1,4-Dichloro-2-butene
Concen: 50.475 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.0	78.2	117.2
89	44.3	35.4	53.2

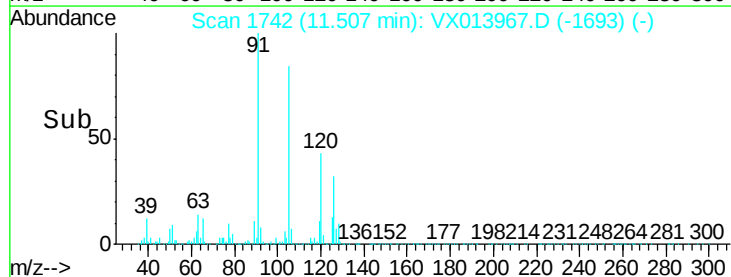
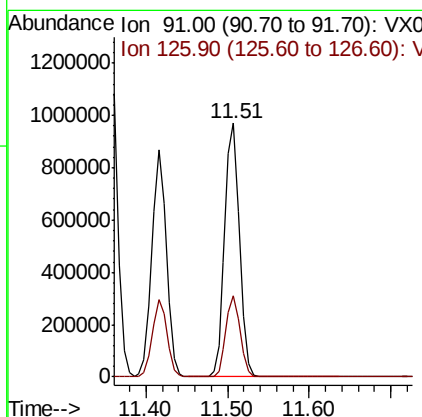
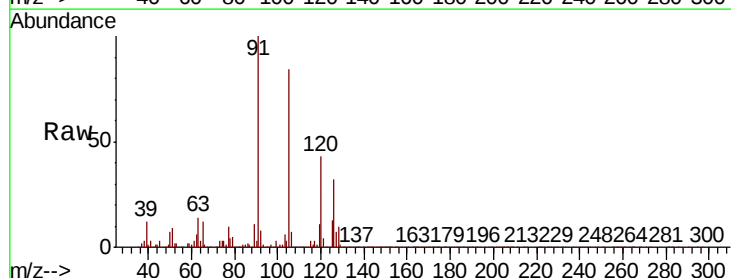
Manual Integrations
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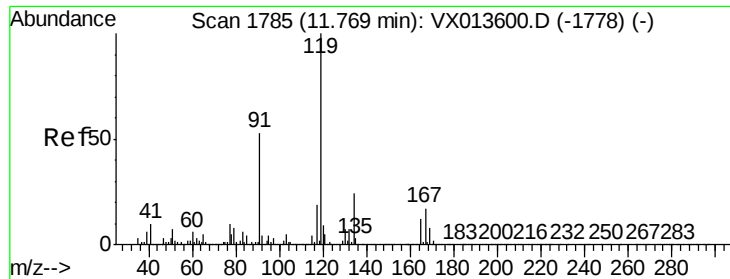
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#82
4-Chlorotoluene
Concen: 52.573 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.0





#83

tert-Butylbenzene

Concen: 53.499 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

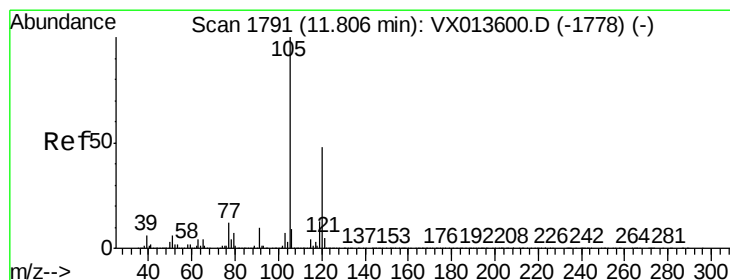
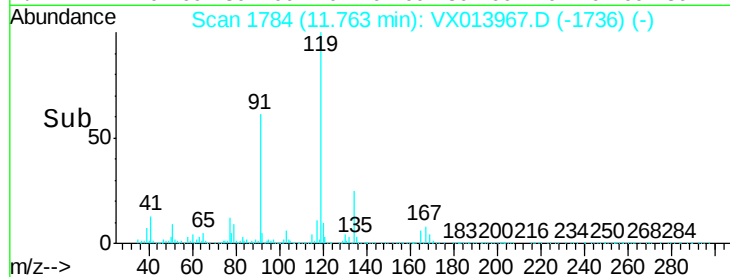
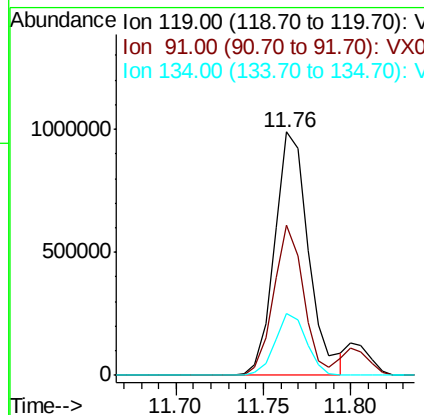
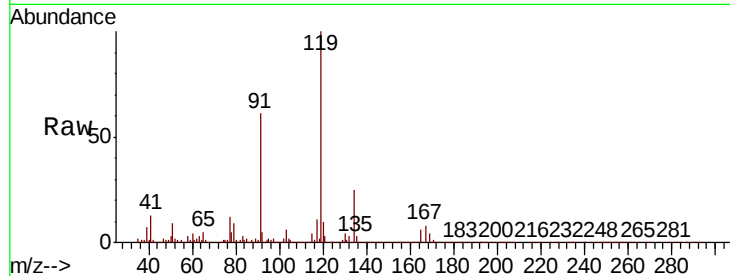
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.5	27.2	81.6
134	23.6	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 53.393 ug/l

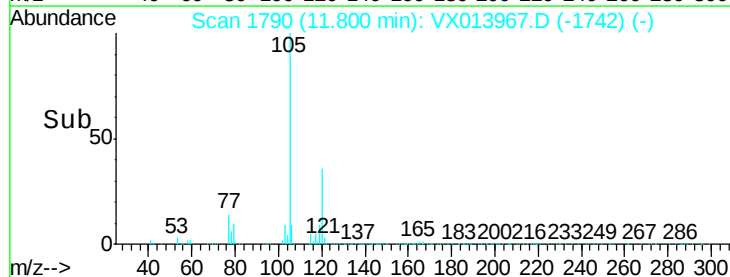
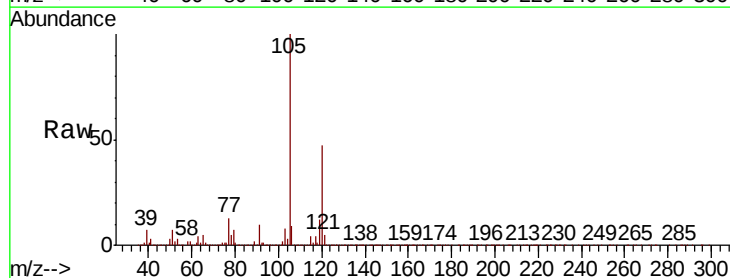
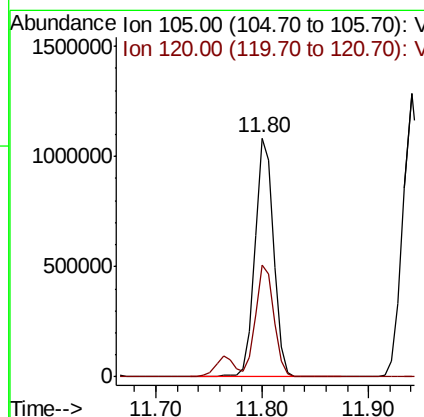
RT: 11.80 min Scan# 1790

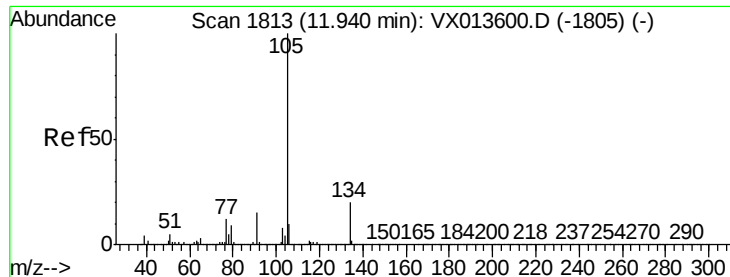
Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 53.949 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1537765

Ion Ratio Lower Upper

105 100

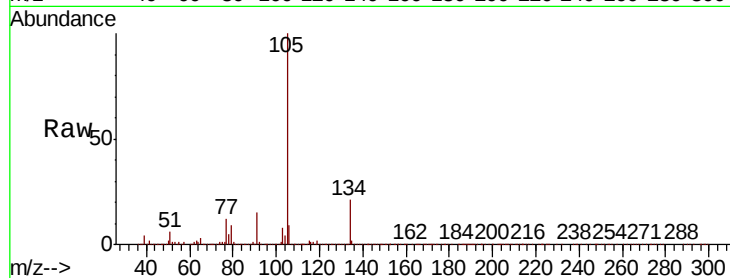
134 21.1 10.4 31.2

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Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 134.00 (133.70 to 134.70): V

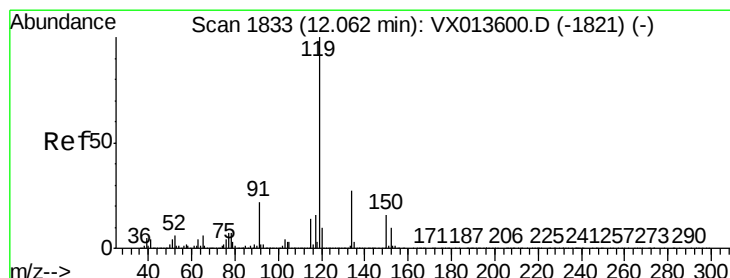
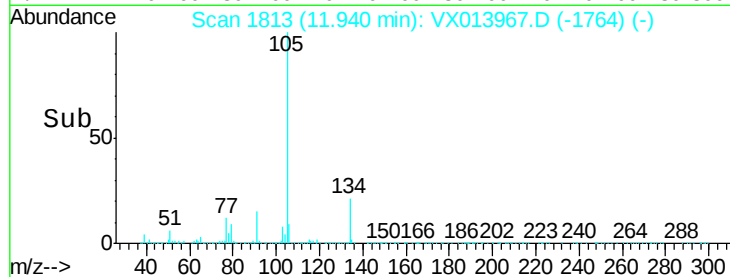
11.94

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.363 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

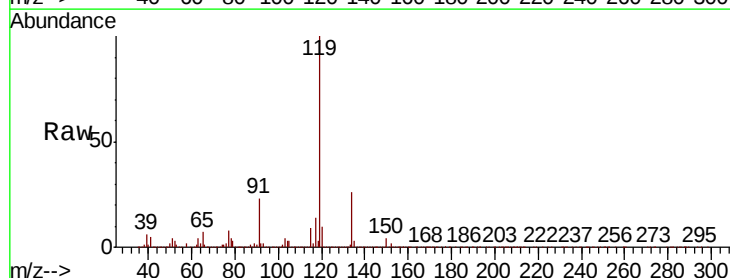
Tgt Ion:119 Resp: 1441559

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

1500000 Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

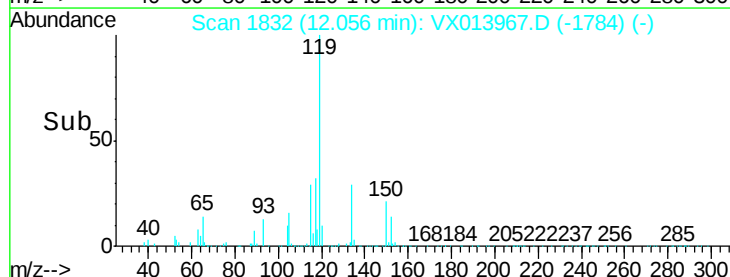
12.06

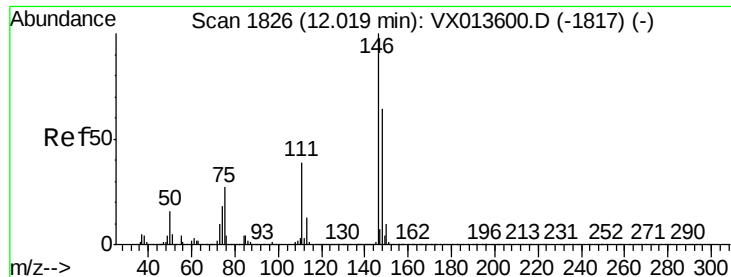
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.117 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013967.D

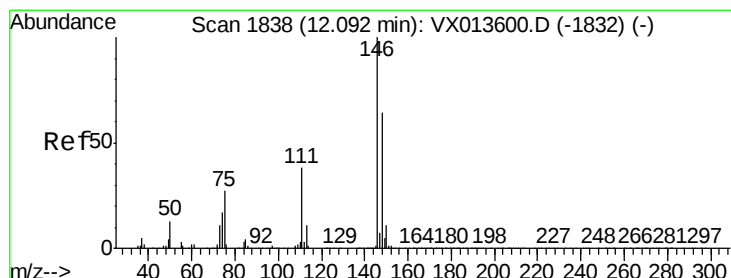
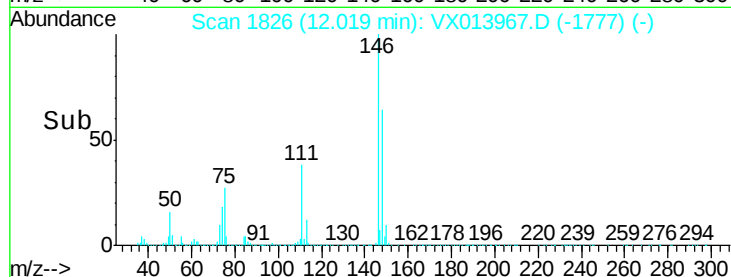
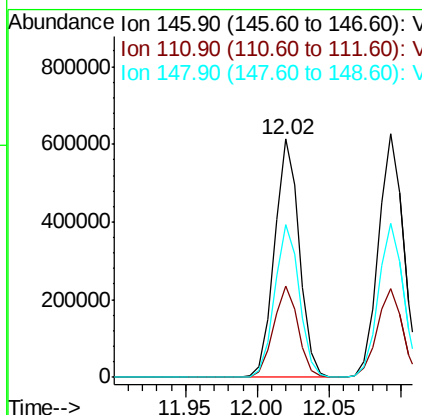
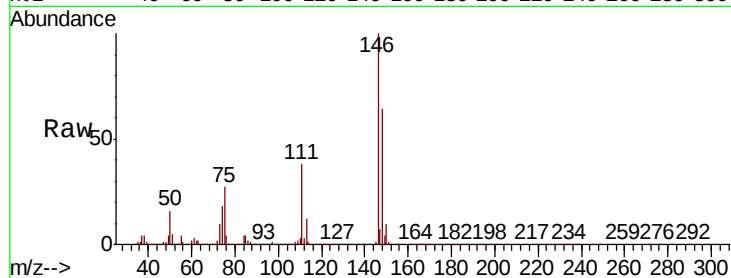
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.1	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 51.297 ug/l

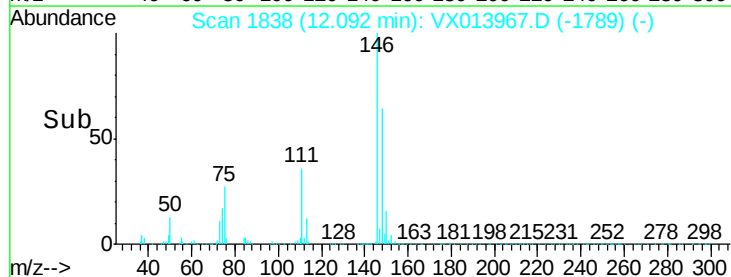
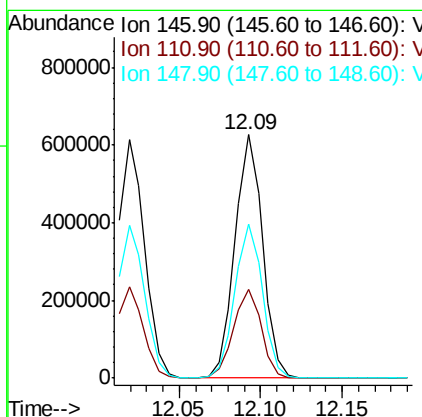
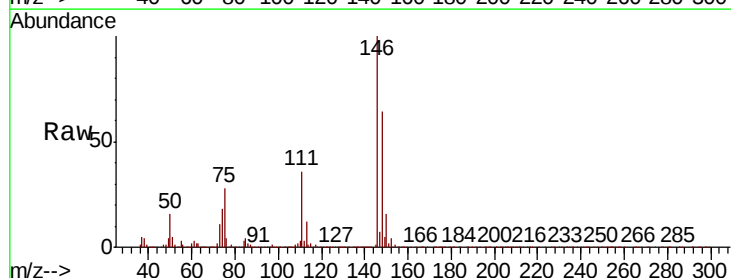
RT: 12.09 min Scan# 1838

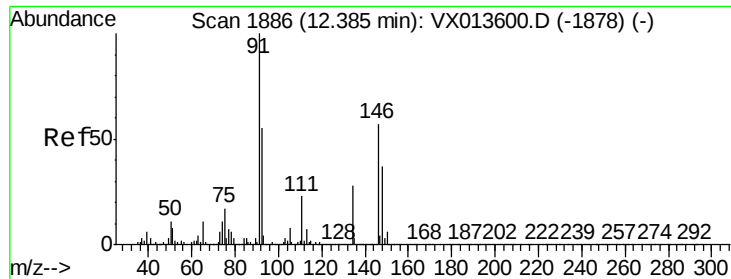
Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.9
148	63.5	31.9	95.5





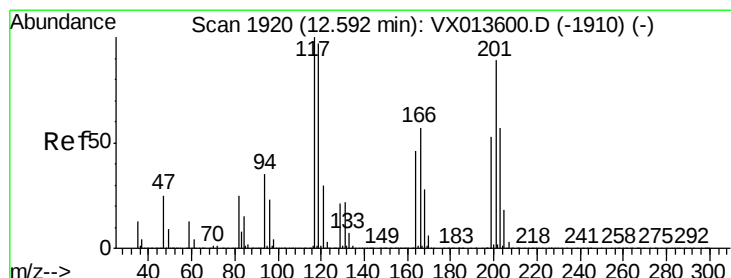
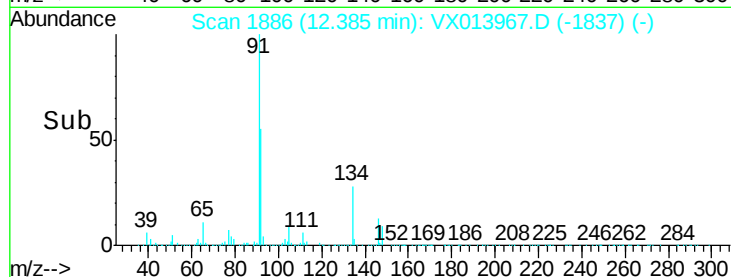
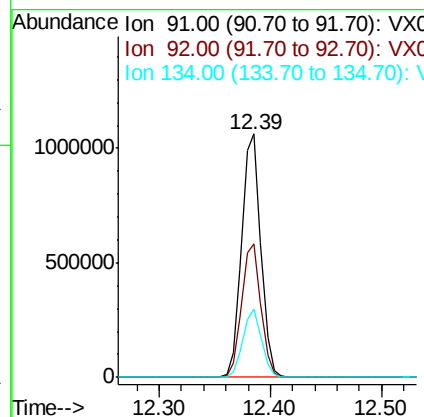
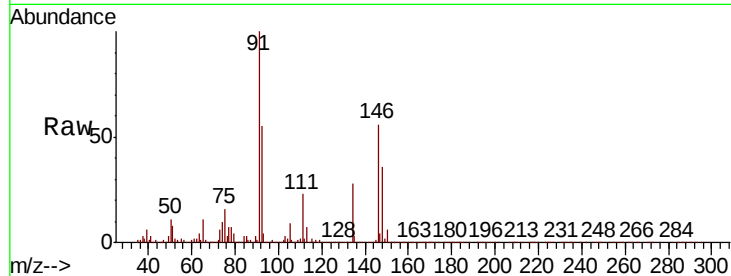
#89
n-Butylbenzene
Concen: 55.812 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.2
134	27.1	13.5	40.4

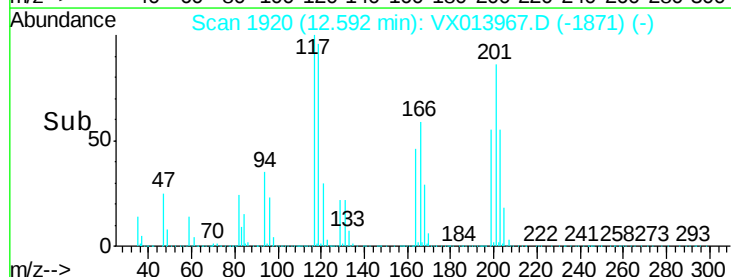
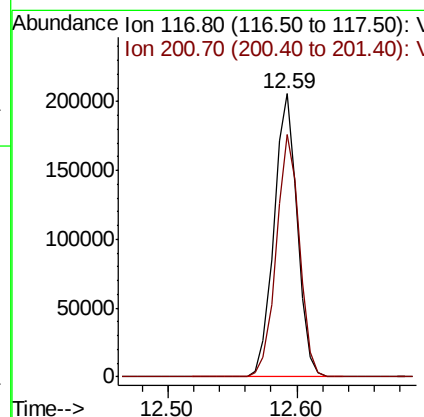
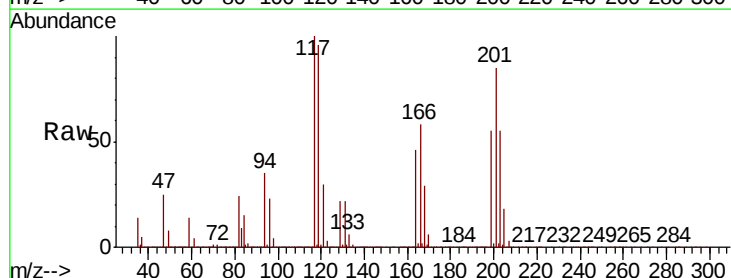
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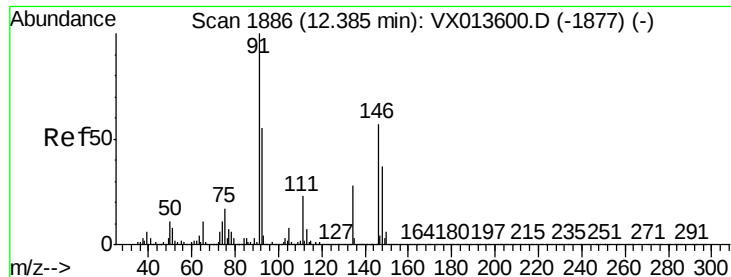
apatel
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#90
Hexachloroethane
Concen: 54.111 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 53.053 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Instrument :

MSVOA_X

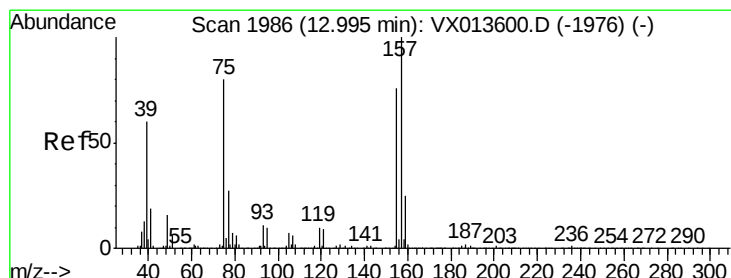
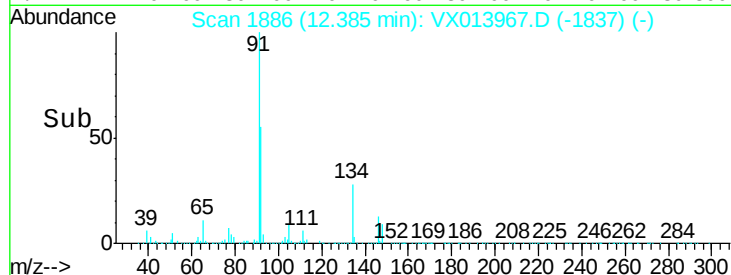
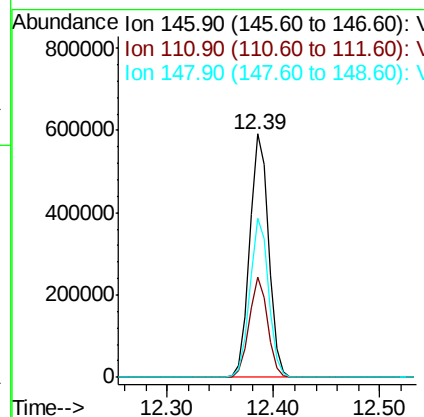
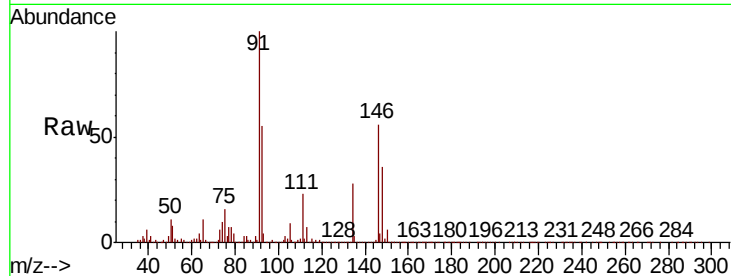
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	739558
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.6	58.7
148	64.4	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.908 ug/l

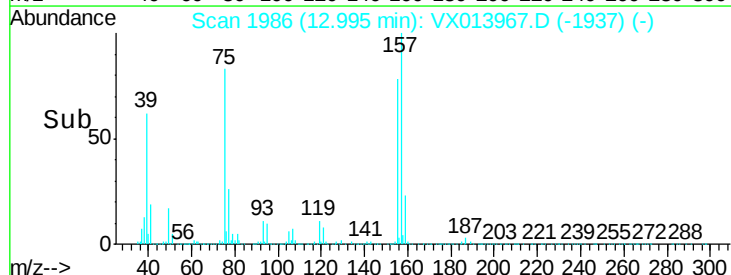
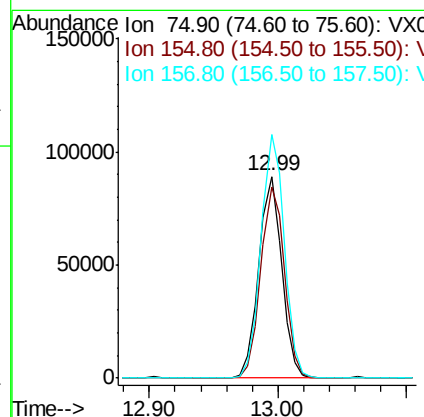
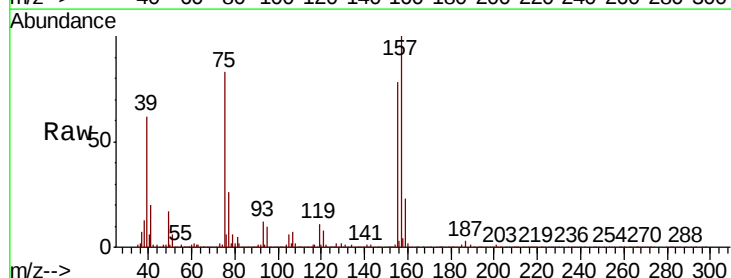
RT: 12.99 min Scan# 1886

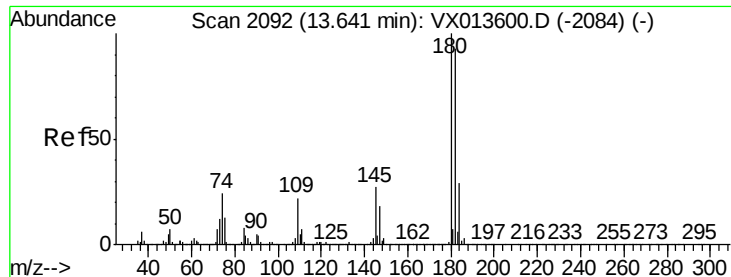
Delta R.T. 0.00 min

Lab File: VX013967.D

Acq: 12 Dec 2019 09:55

Tgt Ion:	75	Resp:	108396
Ion Ratio	Lower	Upper	
75	100		
155	98.0	47.6	142.8
157	122.6	62.1	186.2





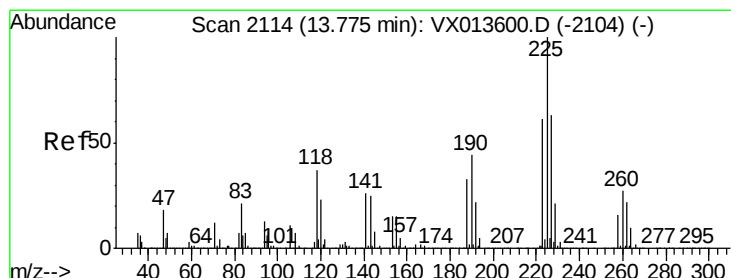
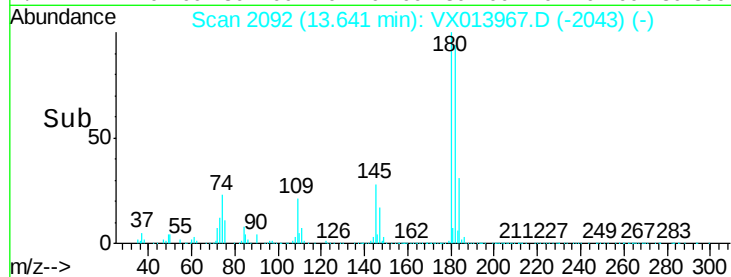
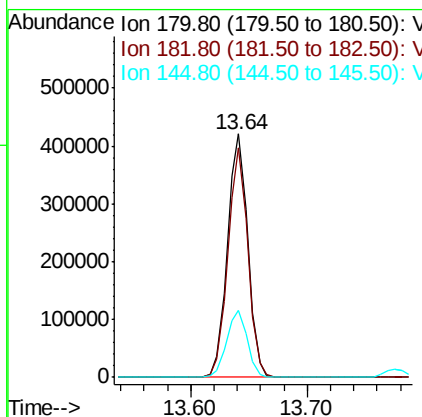
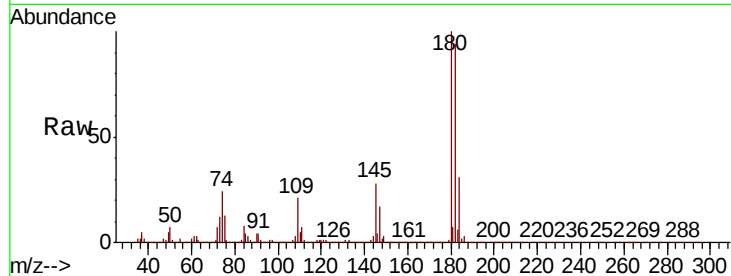
#93
 1,2,4-Trichlorobenzene
 Concen: 52.321 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013967.D
 Acq: 12 Dec 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.0	47.2	141.6	
145	27.8	13.8	41.4	

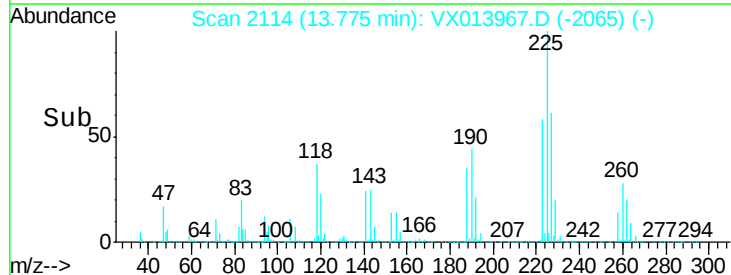
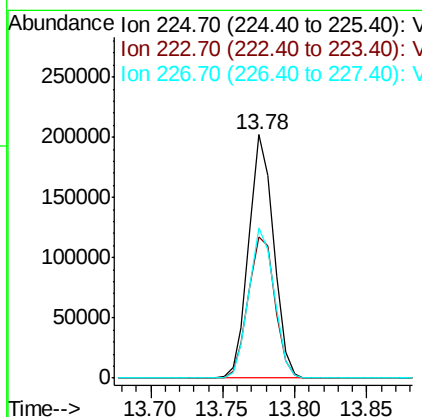
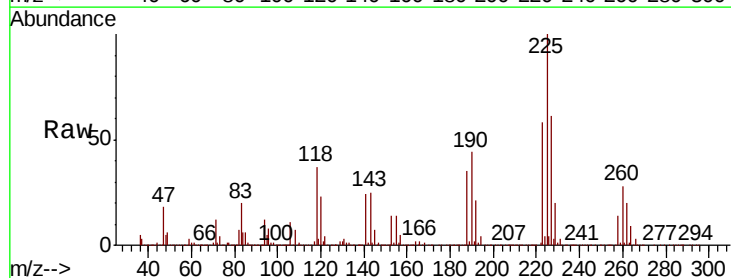
Manual Integrations
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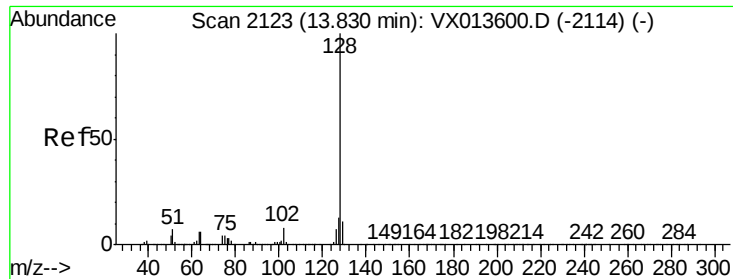
apatel
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#94
 Hexachlorobutadiene
 Concen: 51.601 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013967.D
 Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	31.9	95.5	
227	63.3	32.1	96.3	





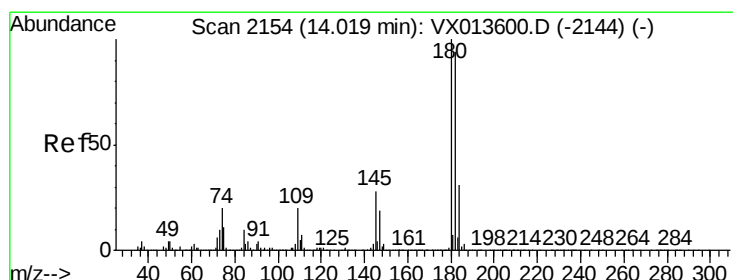
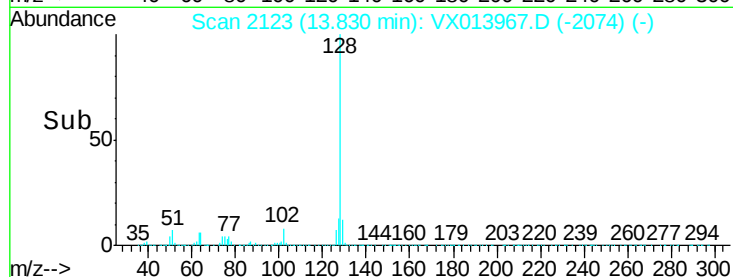
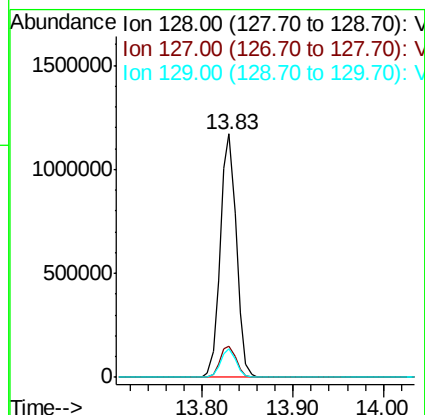
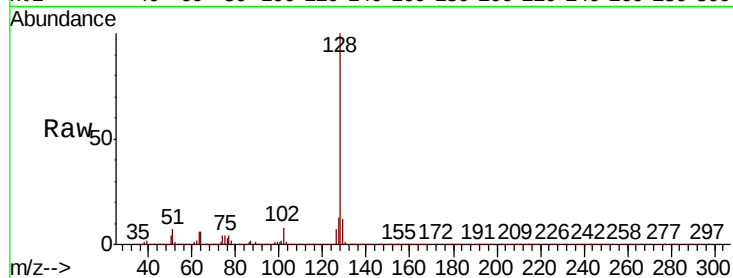
#95
Naphthalene
Concen: 50.279 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/13/2019 11:25:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.330 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013967.D
Acq: 12 Dec 2019 09:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.6	142.8
145	30.3	15.0	45.0

