

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014067.D
 Acq On : 17 Dec 2019 21:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 12/18/2019 11:04:39 AM

Quant Time: Dec 18 08:03:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	532087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	840631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	747570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	304558	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.48	113	255014	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.71	98	989674	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	349477	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	232190	48.777	ug/l	98
3) Chloromethane	1.32	50	318331	49.831	ug/l	98
4) Vinyl Chloride	1.40	62	338682	50.244	ug/l	100
5) Bromomethane	1.63	94	231573	48.403	ug/l	99
6) Chloroethane	1.71	64	213230	51.253	ug/l	94
7) Trichlorofluoromethane	1.92	101	424490	50.871	ug/l	99
8) Diethyl Ether	2.18	74	194938	49.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	251955	50.090	ug/l	100
10) Methyl Iodide	2.50	142	344087	51.774	ug/l	99
11) Tert butyl alcohol	3.03	59	337391	258.925	ug/l	98
12) 1,1-Dichloroethene	2.36	96	257319	50.274	ug/l	95
13) Acrolein	2.28	56	246984	331.120	ug/l	98
14) Allyl chloride	2.72	41	473188	51.779	ug/l	99
15) Acrylonitrile	3.13	53	822204	270.337	ug/l	99
16) Acetone	2.43	43	814244	207.977	ug/l	100
17) Carbon Disulfide	2.56	76	703970	49.550	ug/l	99
18) Methyl Acetate	2.76	43	422701	54.487	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	877989	52.202	ug/l	98
20) Methylene Chloride	2.84	84	300171	48.688	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	275989	48.945	ug/l	98
22) Diisopropyl ether	3.84	45	960760	52.757	ug/l	97
23) Vinyl Acetate	3.80	43	3978775	267.728	ug/l	99
24) 1,1-Dichloroethane	3.69	63	511721	50.506	ug/l	99
25) 2-Butanone	4.65	43	1203349	249.305	ug/l	98
26) 2,2-Dichloropropane	4.58	77	369953	47.029	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	323864	50.785	ug/l	98
28) Bromochloromethane	5.01	49	216134	55.418	ug/l	98
29) Tetrahydrofuran	5.11	42	753553	279.118	ug/l	99
30) Chloroform	5.20	83	497077	51.753	ug/l	99
31) Cyclohexane	5.57	56	467801	51.913	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	422553	51.620	ug/l	98
36) 1,1-Dichloropropene	5.79	75	376884	48.862	ug/l	99
37) Ethyl Acetate	4.82	43	449120	52.728	ug/l	99
38) Carbon Tetrachloride	5.78	117	356042	50.670	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	462077	48.517	ug/l	97
40) Benzene	6.14	78	1175310	49.523	ug/l	100
41) Methacrylonitrile	5.03	41	248755	52.635	ug/l	99
42) 1,2-Dichloroethane	6.18	62	400493	49.782	ug/l	99
43) Isopropyl Acetate	6.43	43	732944	51.996	ug/l	100
44) Trichloroethene	7.21	130	315823	48.179	ug/l	98
45) 1,2-Dichloropropane	7.51	63	305395	50.205	ug/l	97
46) Dibromomethane	7.65	93	198168	49.274	ug/l	99
47) Bromodichloromethane	7.89	83	387984	51.224	ug/l	98
48) Methyl methacrylate	7.76	41	358480	51.935	ug/l	99
49) 1,4-Dioxane	7.73	88	147634	1051.012	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2305109	260.385	ug/l	100
52) Toluene	8.78	92	731724	48.779	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	430505	51.835	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	480680	51.950	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	295124	49.088	ug/l	99
56) Ethyl methacrylate	9.17	69	488935	51.772	ug/l	100
57) 1,3-Dichloropropane	9.37	76	505554	49.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	956672	267.676	ug/l	100
59) 2-Hexanone	9.49	43	1794246	251.773	ug/l	99
60) Dibromochloromethane	9.58	129	310740	51.997	ug/l	99
61) 1,2-Dibromoethane	9.67	107	312740	50.841	ug/l	100
64) Tetrachloroethene	9.33	164	347460	52.526	ug/l	99
65) Chlorobenzene	10.14	112	783953	49.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	290051	51.106	ug/l	99
67) Ethyl Benzene	10.24	91	1391210	50.909	ug/l	99
68) m/p-Xylenes	10.35	106	1055923	100.463	ug/l	99
69) o-Xylene	10.70	106	511942	49.663	ug/l	97
70) Styrene	10.71	104	882027	50.601	ug/l	99
71) Bromoform	10.85	173	237871	52.140	ug/l	99
73) Isopropylbenzene	11.01	105	1353338	51.953	ug/l	100
74) N-amyl acetate	10.89	43	652548	53.442	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	469206	51.955	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	434711m	54.121	ug/l	
77) Bromobenzene	11.25	156	347958	48.549	ug/l	100
78) n-propylbenzene	11.35	91	1523806	52.151	ug/l	100
79) 2-Chlorotoluene	11.42	91	901803	50.773	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1126525	51.385	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	153789	54.042	ug/l	99
82) 4-Chlorotoluene	11.51	91	1039543	50.457	ug/l	99
83) tert-Butylbenzene	11.77	119	1065484	49.941	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1128702	51.410	ug/l	100
85) sec-Butylbenzene	11.94	105	1294097	51.381	ug/l	100
86) p-Isopropyltoluene	12.06	119	1194436	51.844	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	612222	48.739	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	606785	47.508	ug/l	99
89) n-Butylbenzene	12.38	91	1012021	51.480	ug/l	99
90) Hexachloroethane	12.59	117	216590	52.339	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	613376	48.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	97899	48.986	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	401067	48.800	ug/l	98
94) Hexachlorobutadiene	13.77	225	190767	48.297	ug/l	99
95) Naphthalene	13.83	128	1255240	51.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	406740	50.135	ug/l	98

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

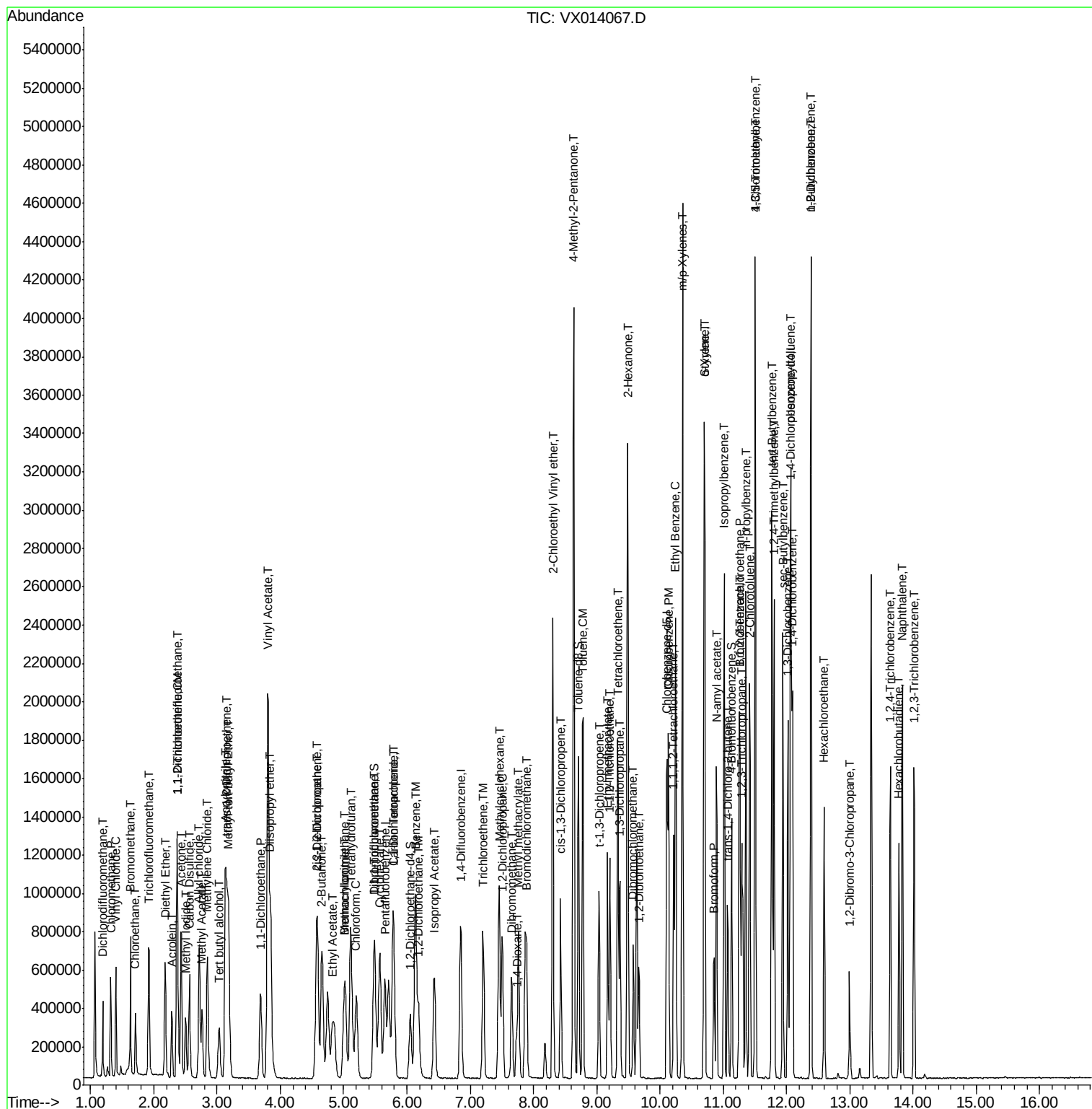
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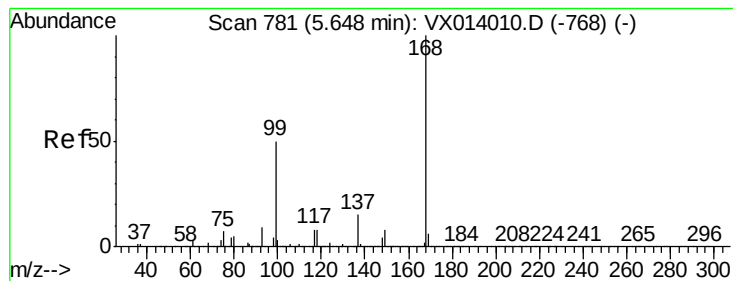
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

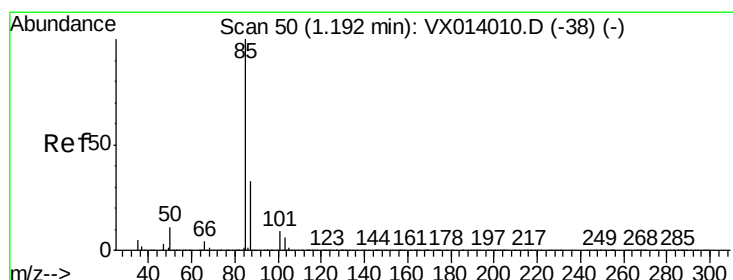
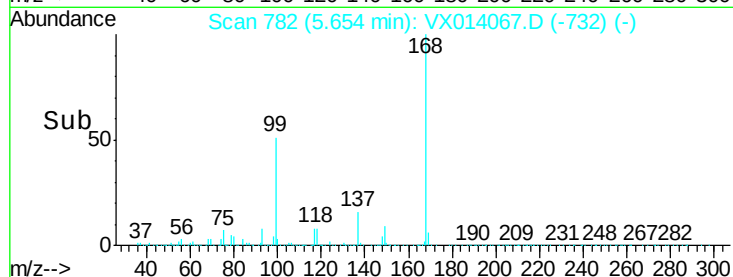
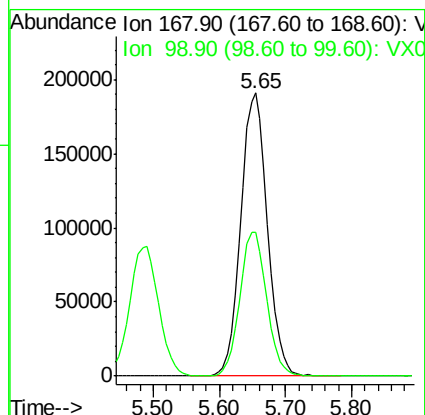
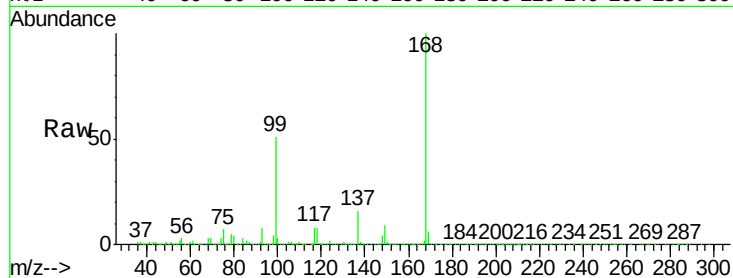
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.7	40.3	60.5

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#2

Dichlorodifluoromethane

Concen: 48.777 ug/l

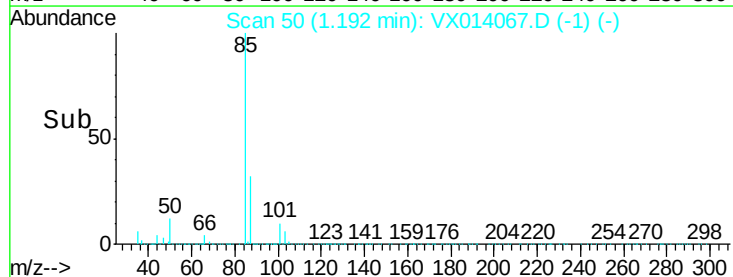
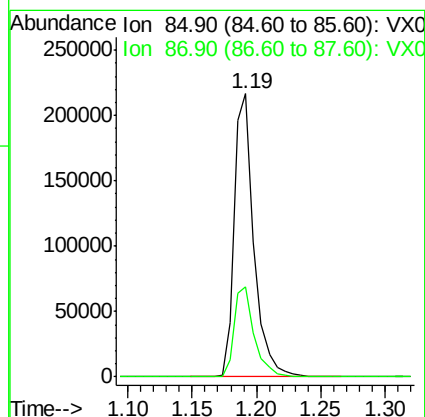
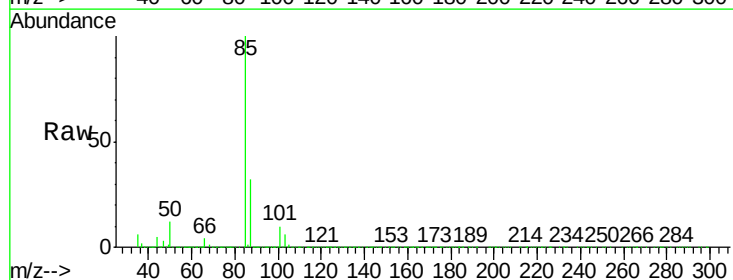
RT: 1.19 min Scan# 50

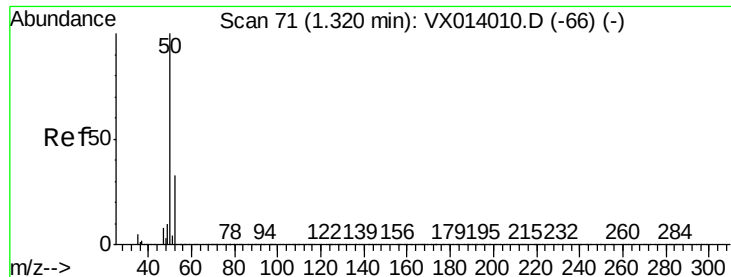
Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.4	49.2





#3

Chloromethane

Concen: 49.831 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tot Ion: 50 Resp: 318331

Ion Ratio Lower Upper

50 100

52 34.2 26.2 39.4

Instrument :

MSVOA_X

ClientSampleId :

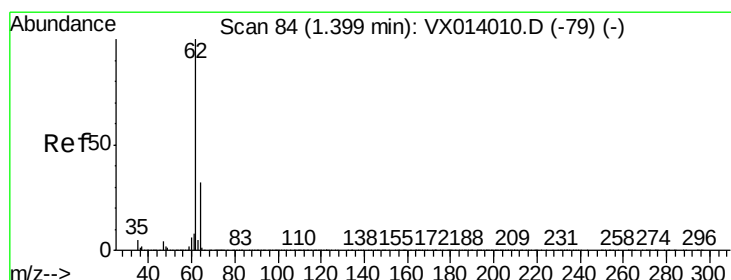
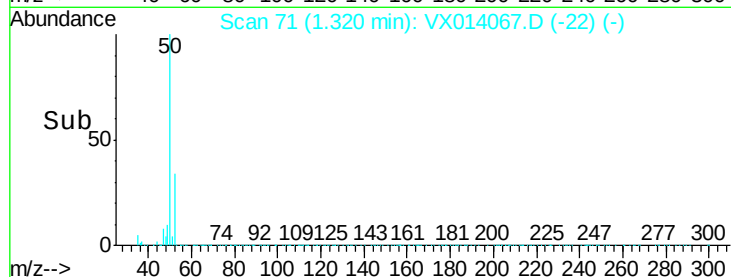
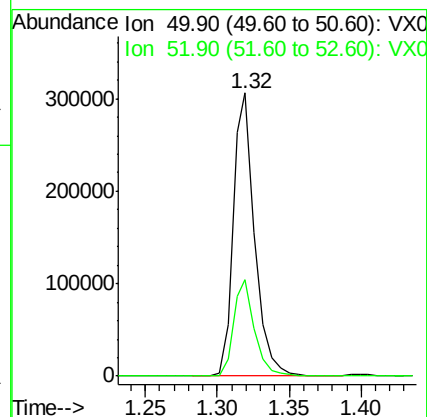
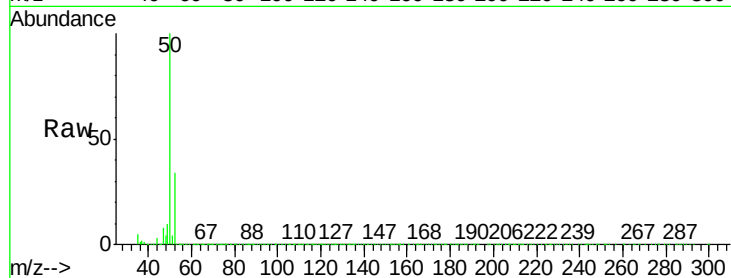
VSTDCCC050EC

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#4

Vinyl Chloride

Concen: 50.244 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014067.D

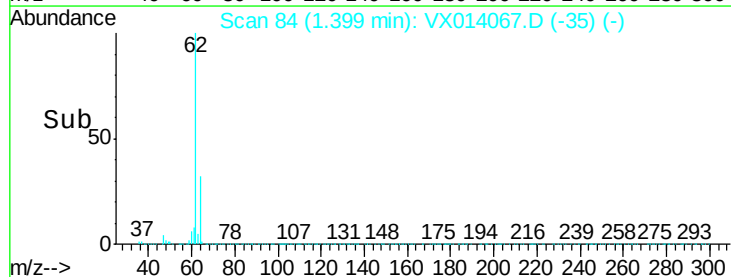
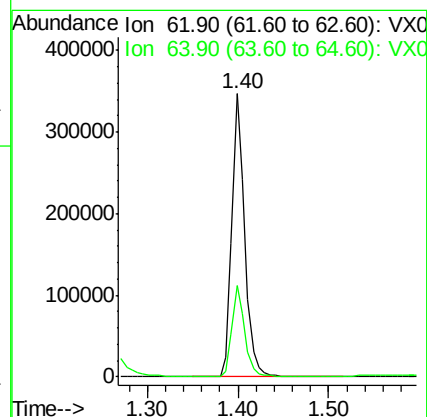
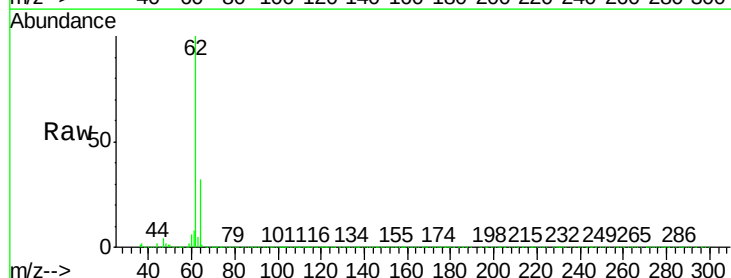
Acq: 17 Dec 2019 21:15

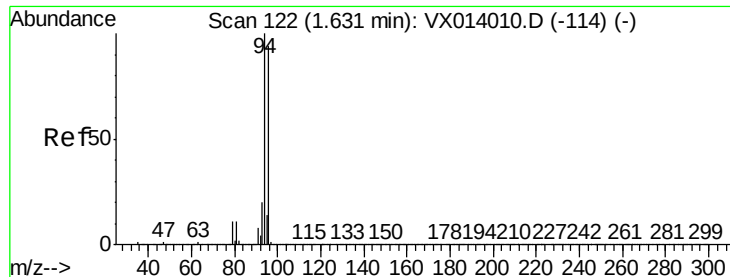
Tgt Ion: 62 Resp: 338682

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 48.403 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 231573

Ion Ratio Lower Upper

94 100

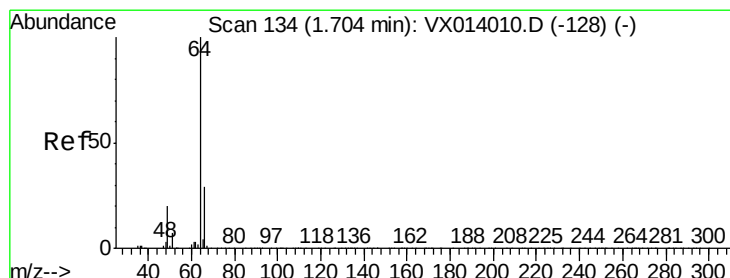
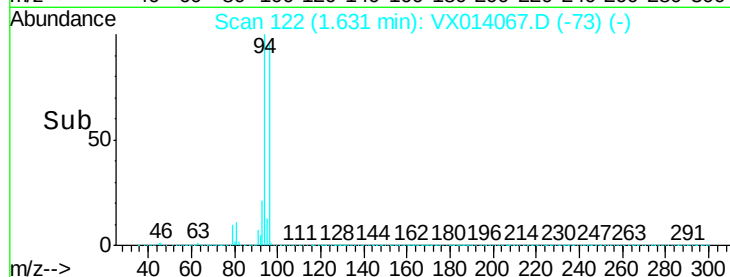
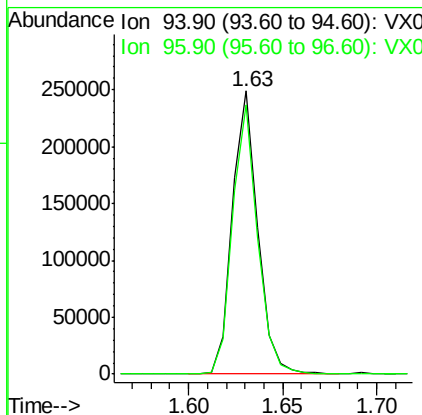
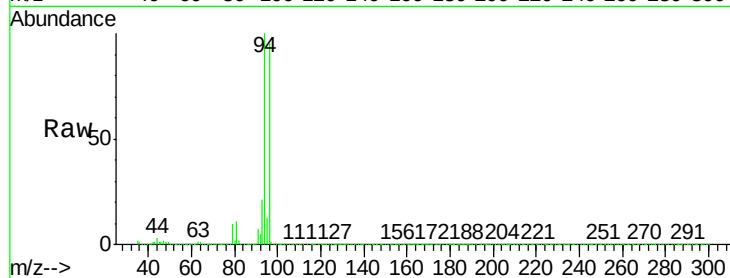
96 95.0 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 51.253 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014067.D

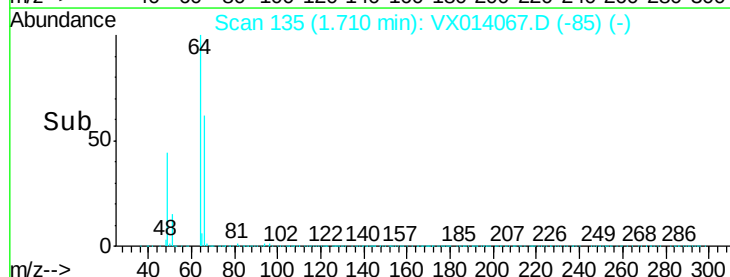
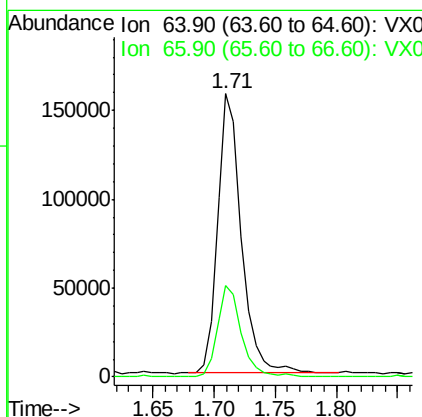
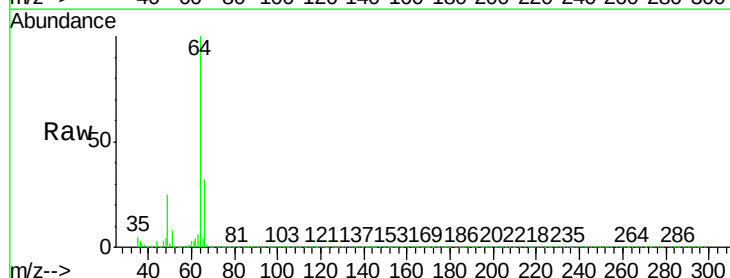
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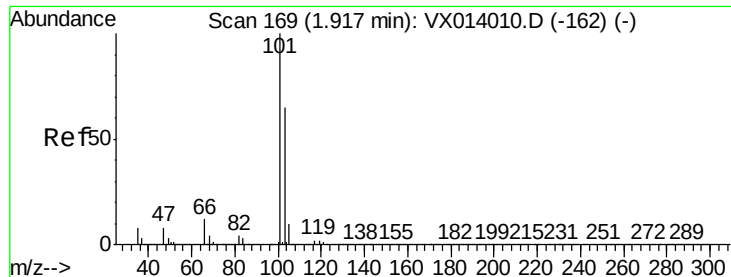
Tgt Ion: 64 Resp: 213230

Ion Ratio Lower Upper

64 100

66 32.4 23.4 35.2





#7

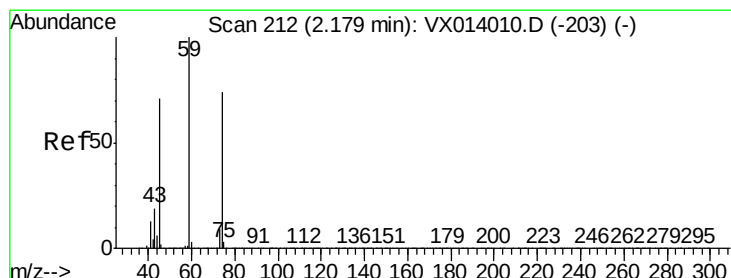
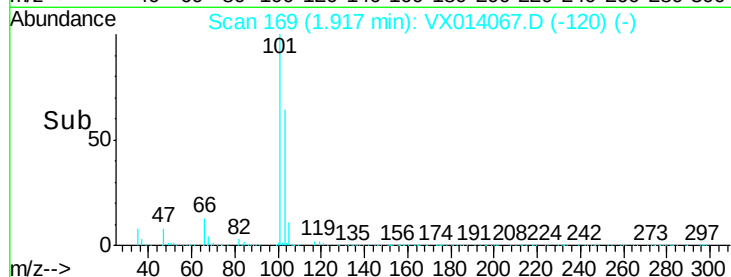
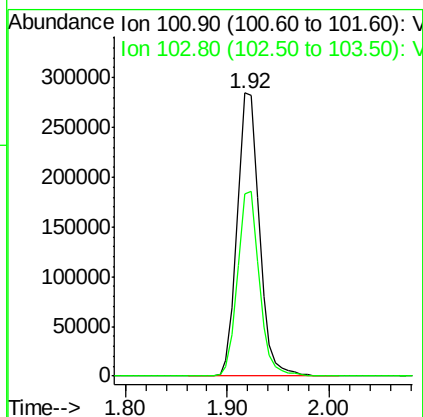
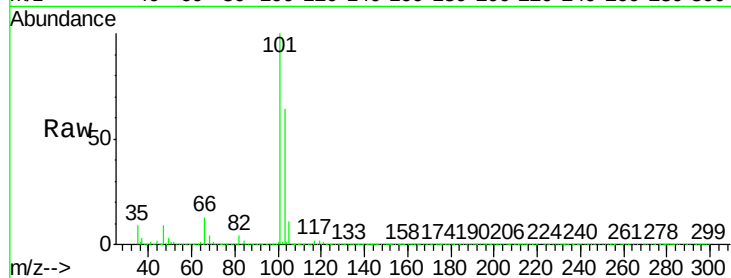
Trichlorofluoromethane
Concen: 50.871 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		424490		
103	64.4	52.2	78.4		

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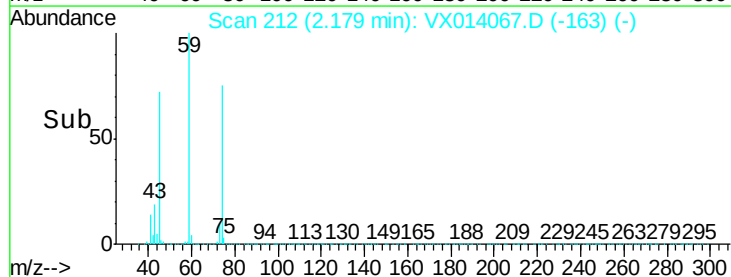
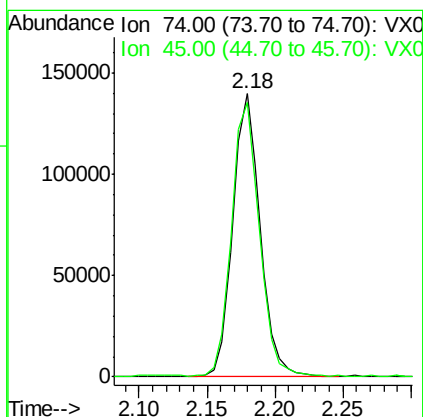
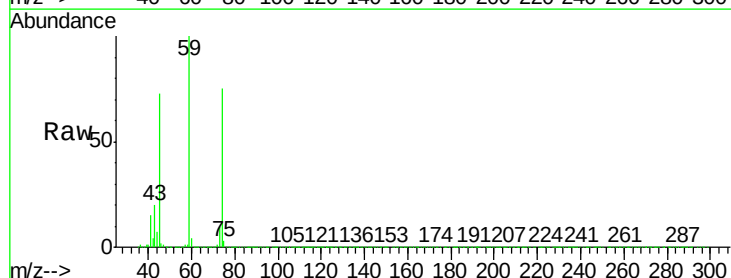
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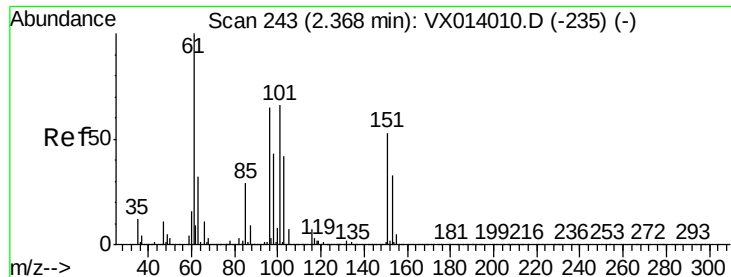


#8

Diethyl Ether
Concen: 49.777 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		194938		
45	98.5	48.1	144.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.090 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

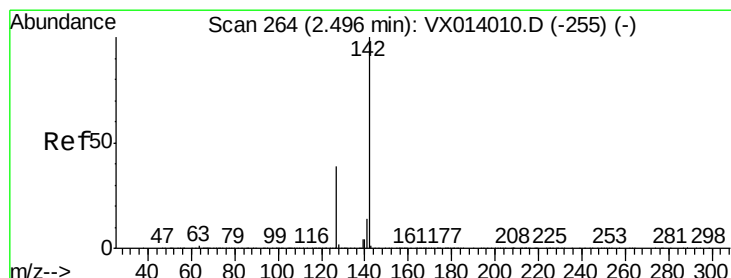
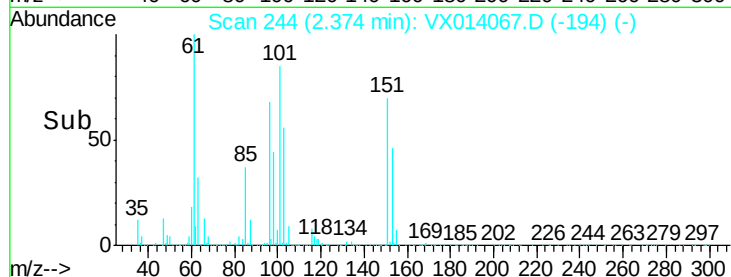
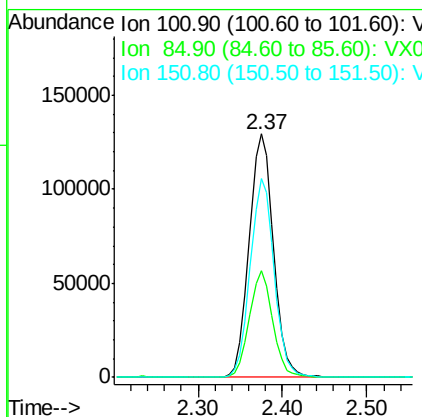
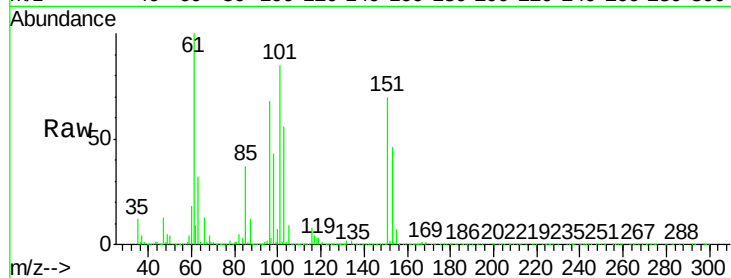
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	251955
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	80.6	64.5	96.7

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#10

Methyl Iodide

Concen: 51.774 ug/l

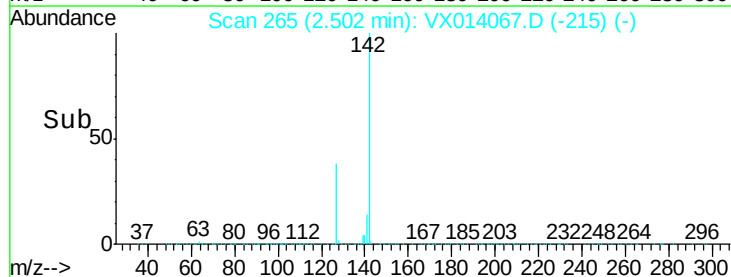
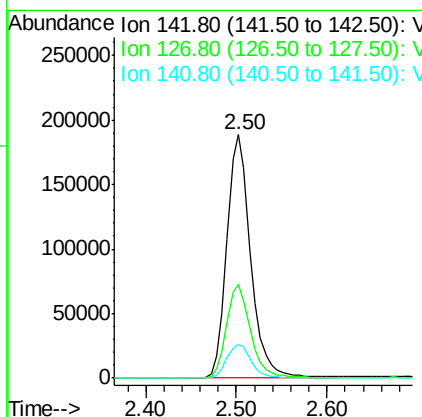
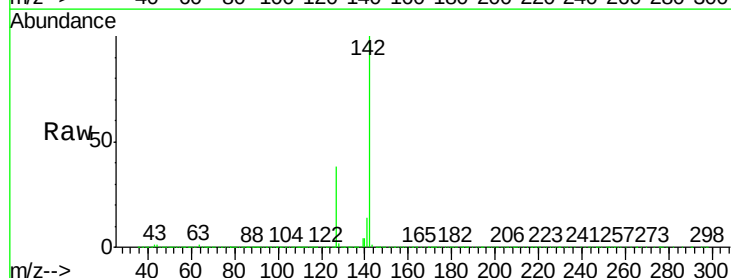
RT: 2.50 min Scan# 265

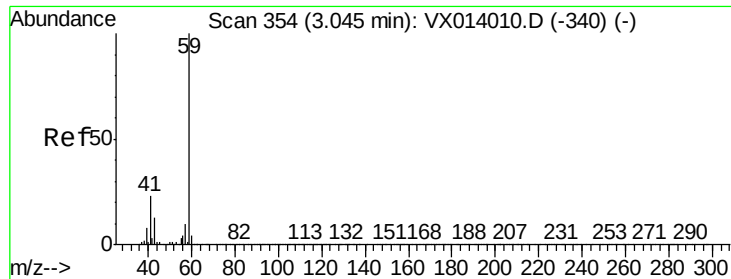
Delta R.T. 0.01 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion:	142	Resp:	344087
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.6	47.4
141	14.4	11.6	17.4





#11

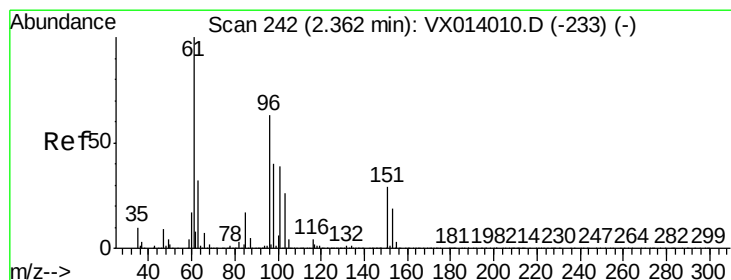
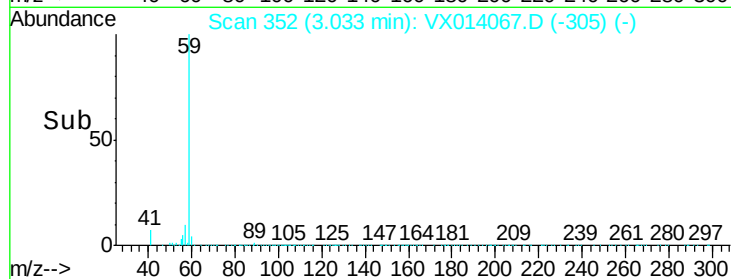
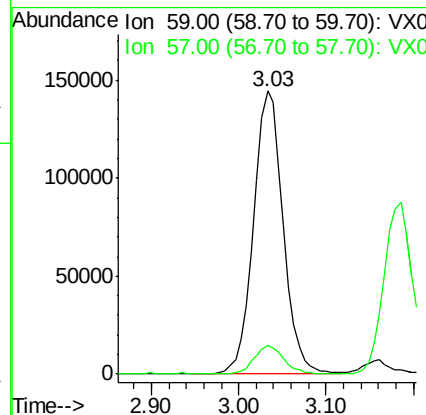
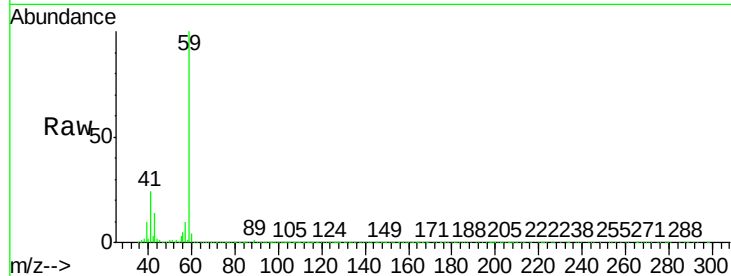
Tert butyl alcohol
Concen: 258.925 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

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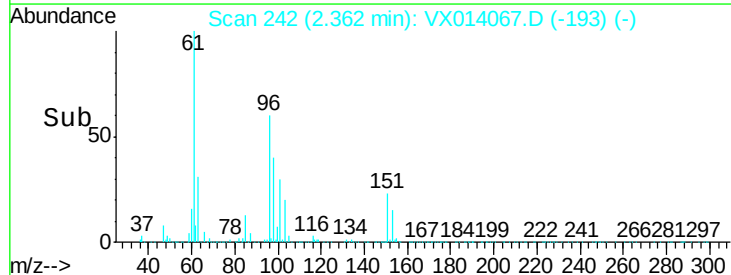
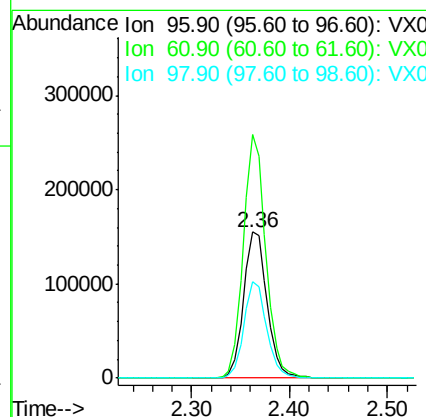
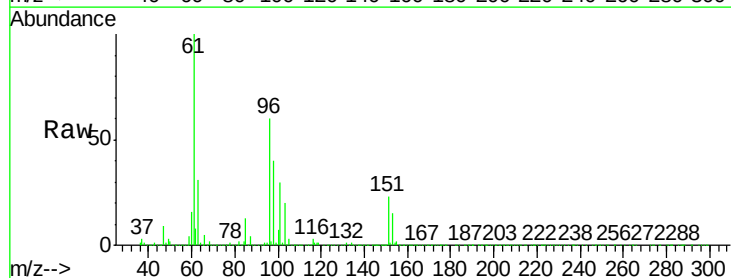
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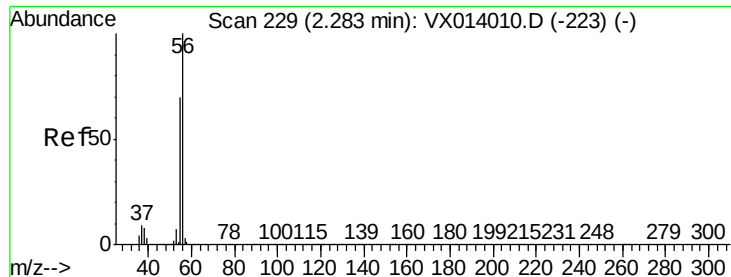


#12

1,1-Dichloroethene
Concen: 50.274 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.8	127.9	191.9
98	66.1	50.5	75.7





#13

Acrolein

Concen: 331.120 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 246984

Ion Ratio Lower Upper

56 100

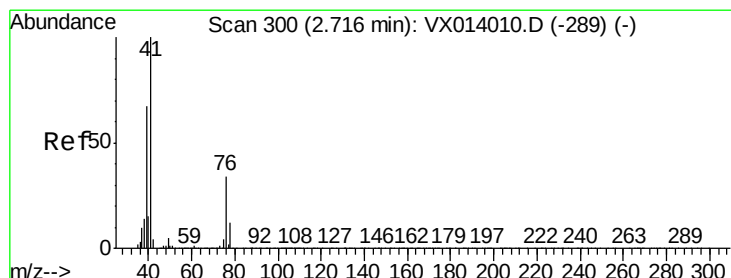
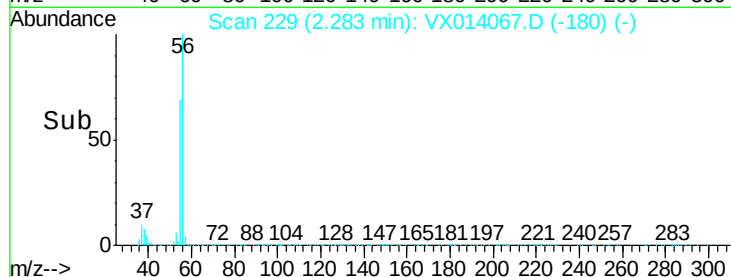
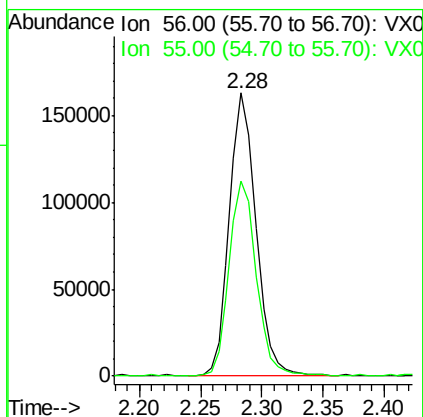
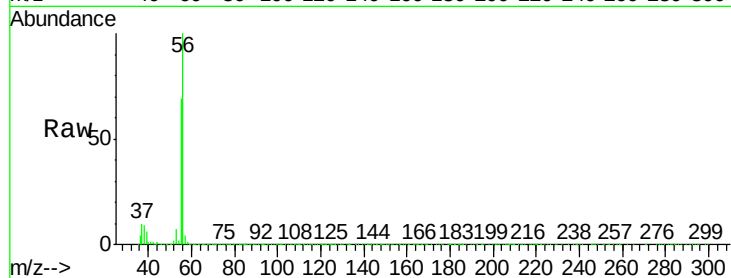
55 69.4 56.9 85.3

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#14

Allyl chloride

Concen: 51.779 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

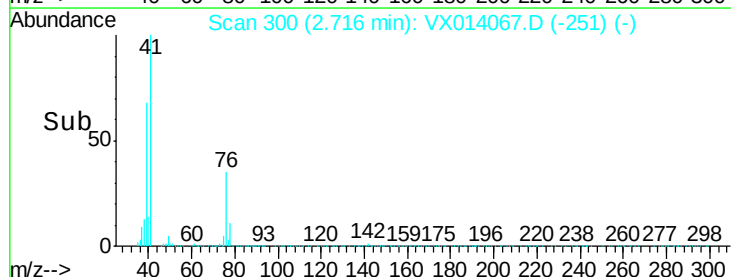
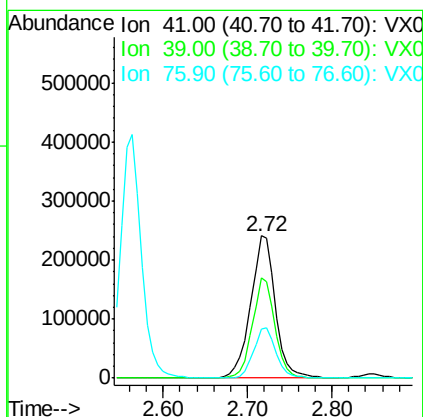
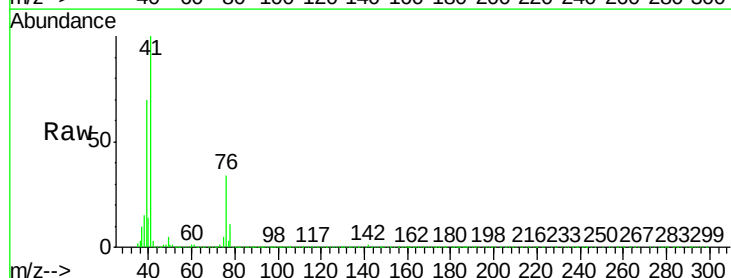
Tgt Ion: 41 Resp: 473188

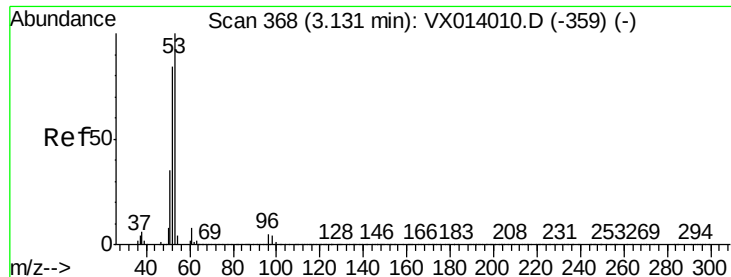
Ion Ratio Lower Upper

41 100

39 64.2 51.8 77.8

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 270.337 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

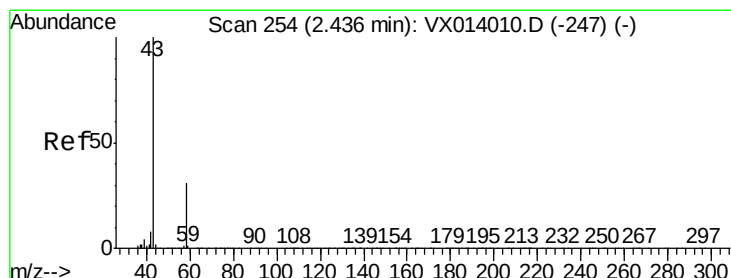
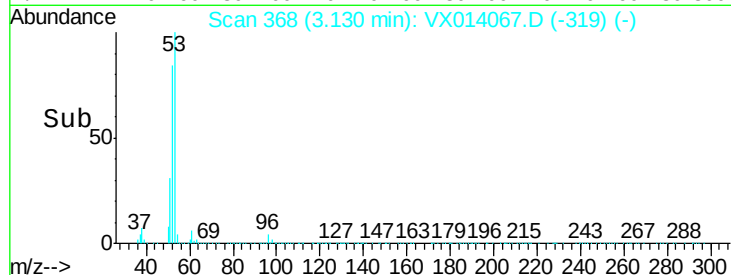
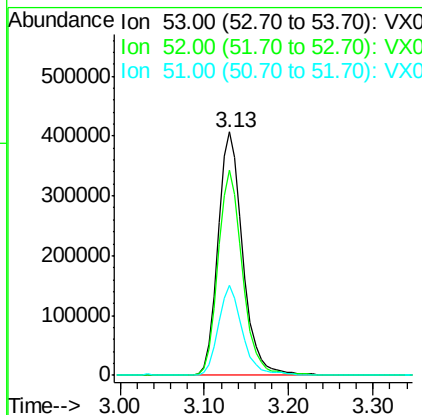
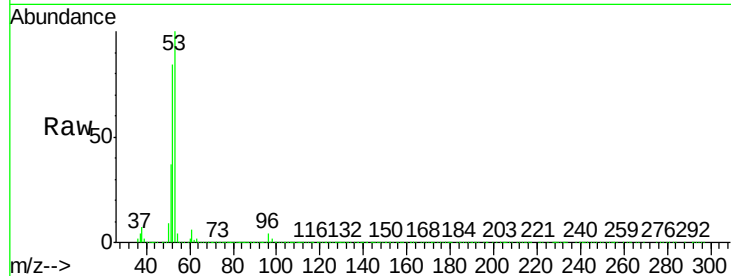
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	822204
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.5	99.7
51	36.0	28.1	42.1

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#16

Acetone

Concen: 207.977 ug/l

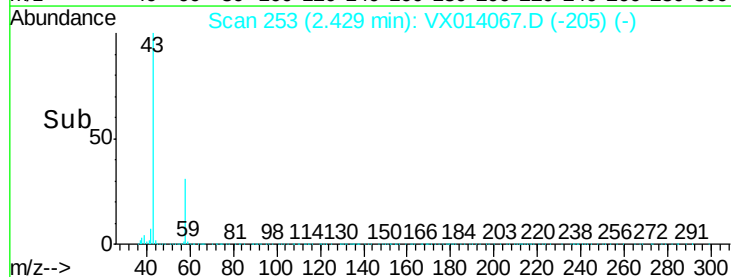
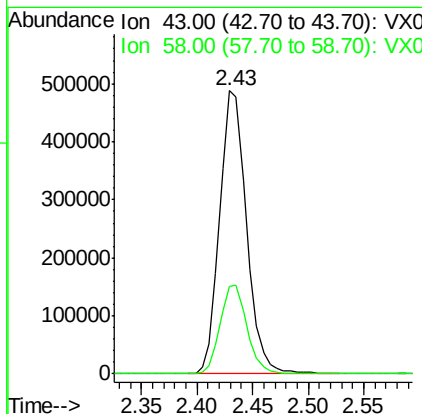
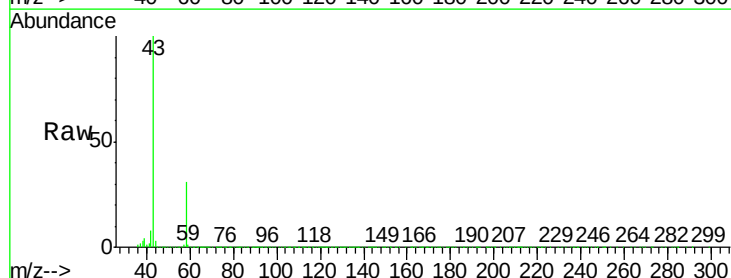
RT: 2.43 min Scan# 253

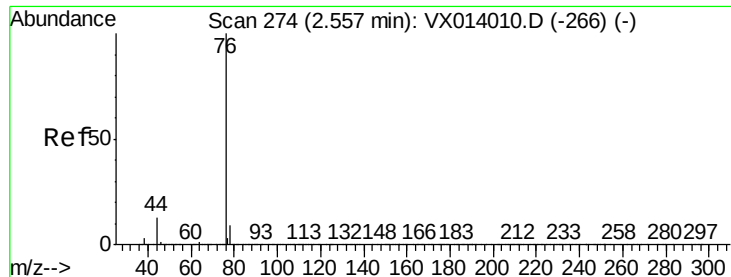
Delta R.T. -0.01 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion:	43	Resp:	814244
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.9	37.3





#17

Carbon Disulfide

Concen: 49.550 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tot Ion: 76 Resp: 703970

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

Instrument :

MSVOA_X

ClientSampleId :

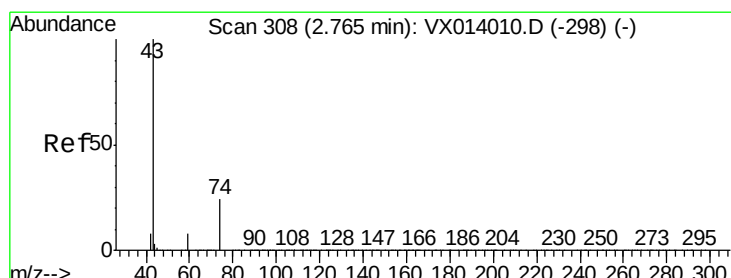
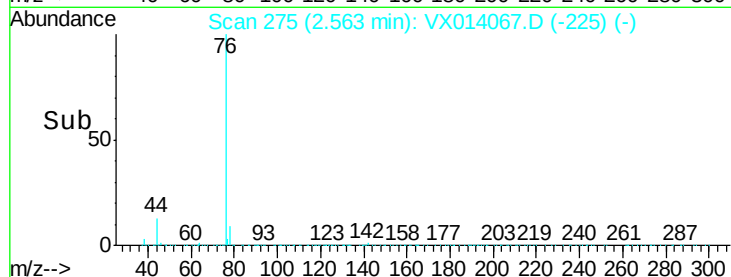
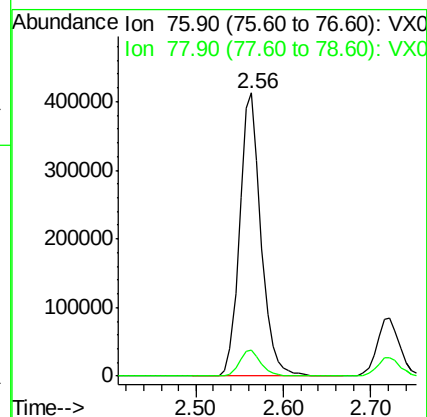
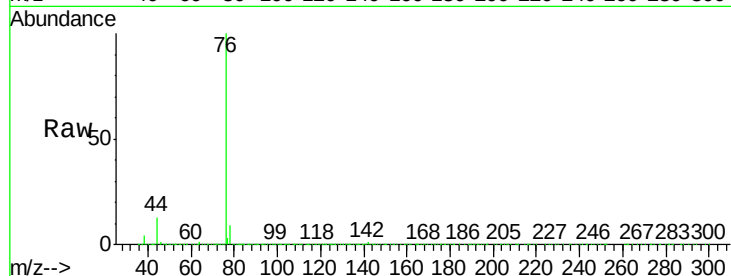
VSTDCCC050EC

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#18

Methyl Acetate

Concen: 54.487 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014067.D

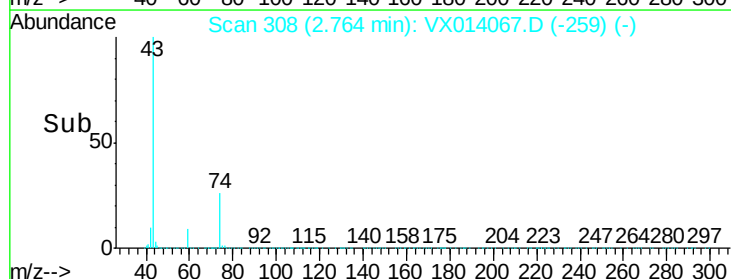
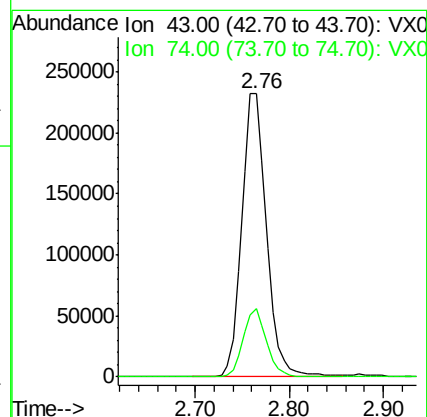
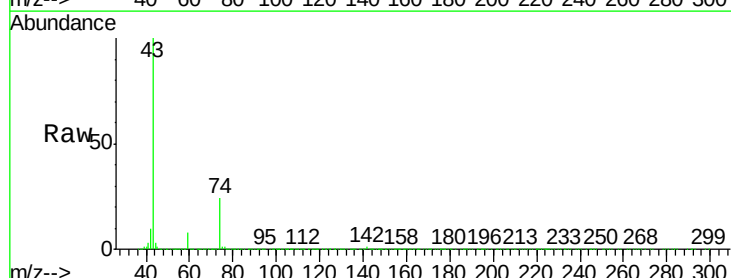
Acq: 17 Dec 2019 21:15

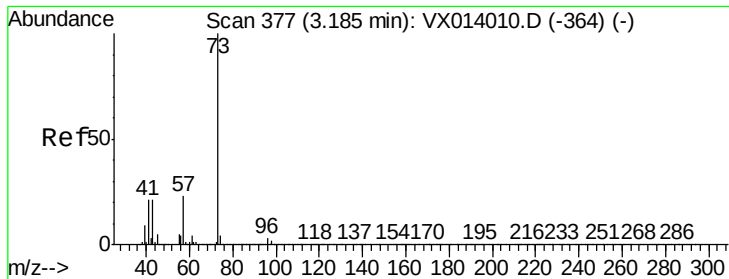
Tgt Ion: 43 Resp: 422701

Ion Ratio Lower Upper

43 100

74 22.9 19.5 29.3





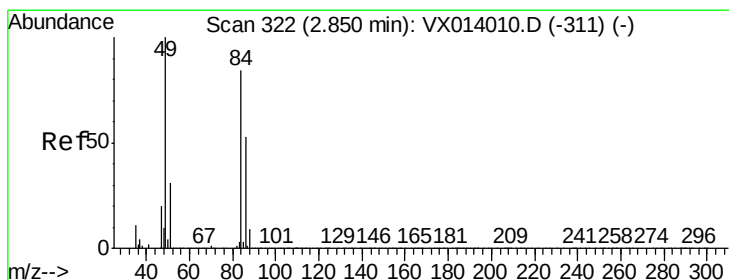
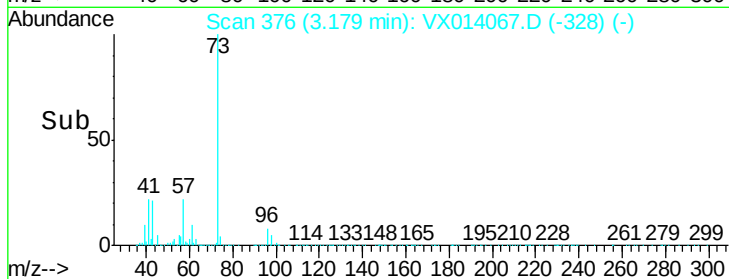
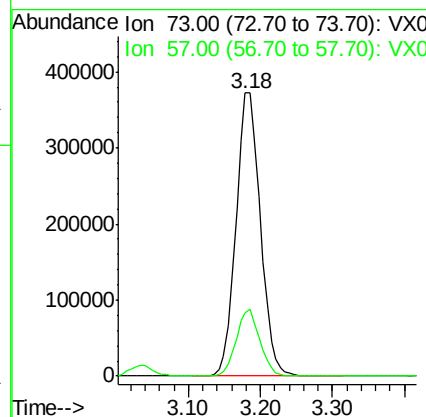
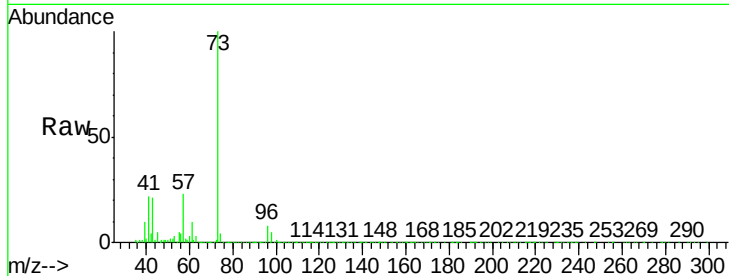
#19
Methyl tert-butyl Ether
Concen: 52.202 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.8	28.2

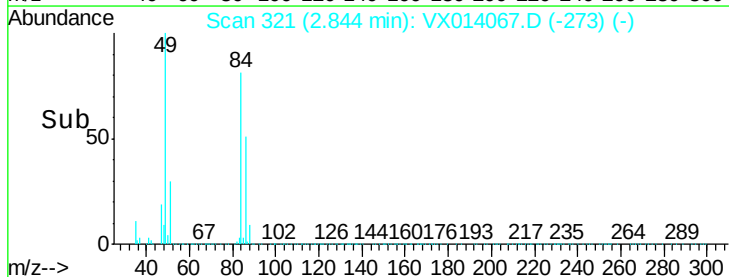
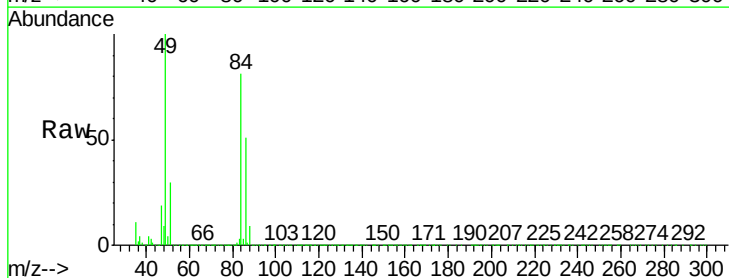
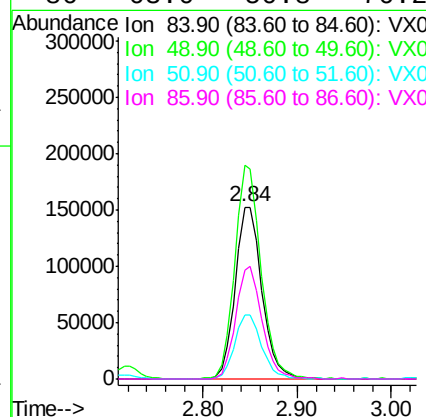
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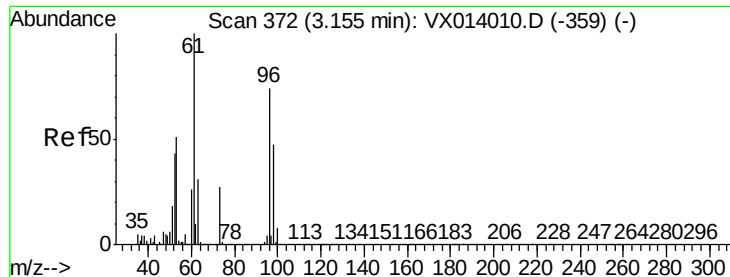
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#20
Methylene Chloride
Concen: 48.688 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	95.8	143.6
51	37.2	29.8	44.8
86	63.0	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.945 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

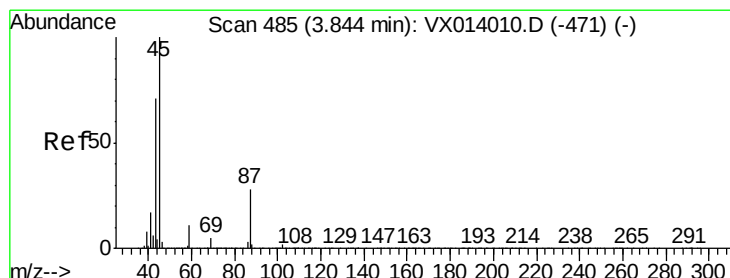
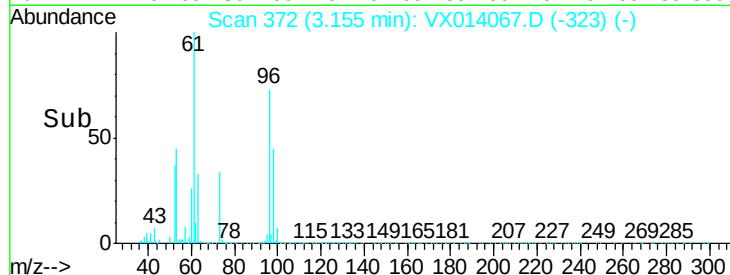
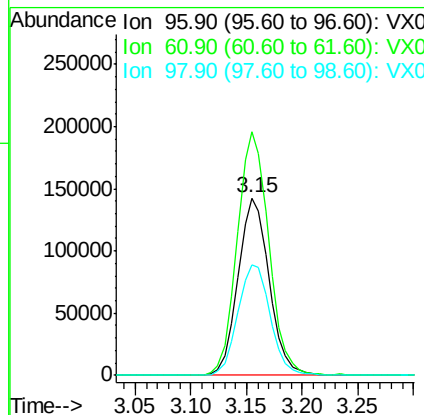
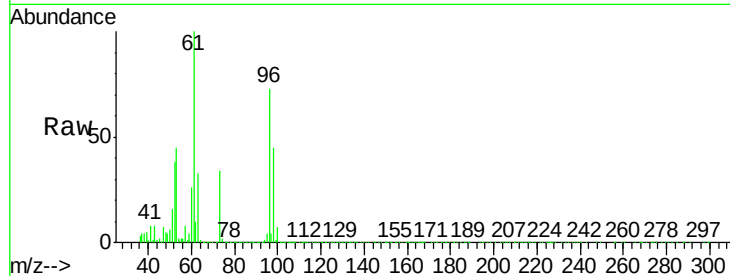
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	275989
Ion	Ratio	Lower	Upper
96	100		
61	137.1	108.3	162.5
98	62.0	50.8	76.2

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#22

Diisopropyl ether

Concen: 52.757 ug/l

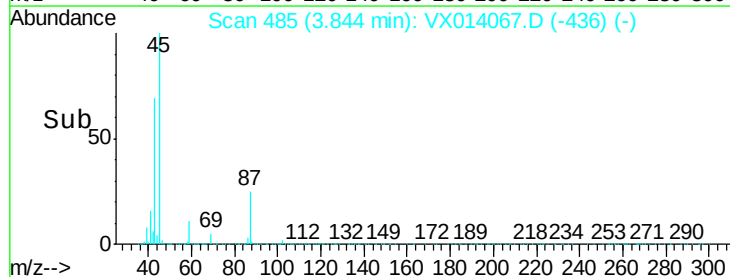
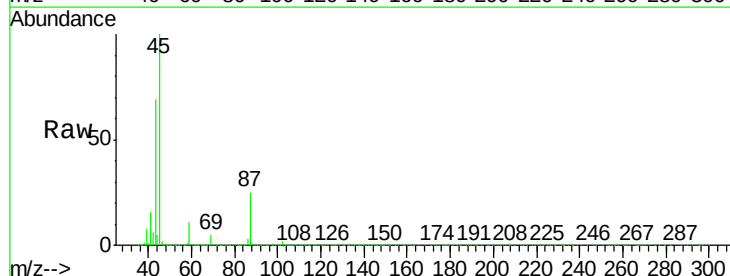
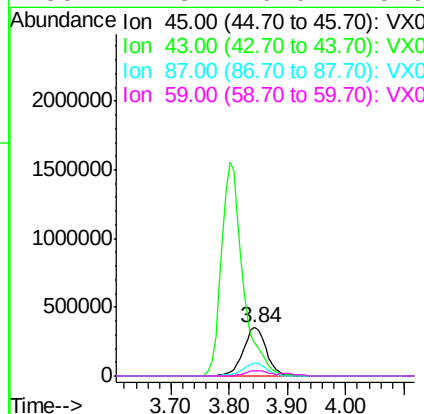
RT: 3.84 min Scan# 485

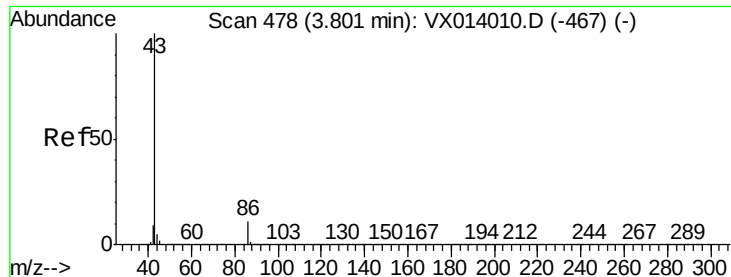
Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion:	45	Resp:	960760
Ion	Ratio	Lower	Upper
45	100		
43	68.9	57.4	86.0
87	25.1	21.9	32.9
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 267.728 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3978775

Ion Ratio Lower Upper

43 100

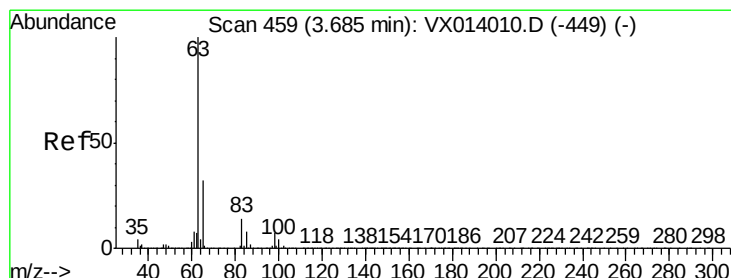
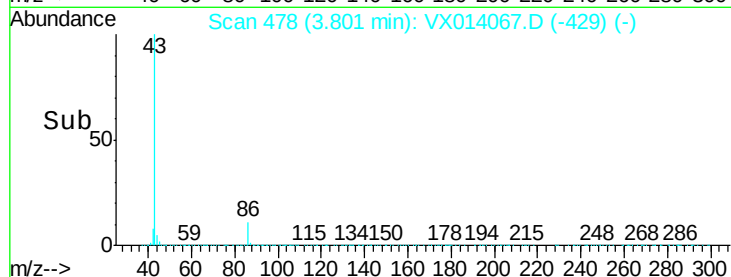
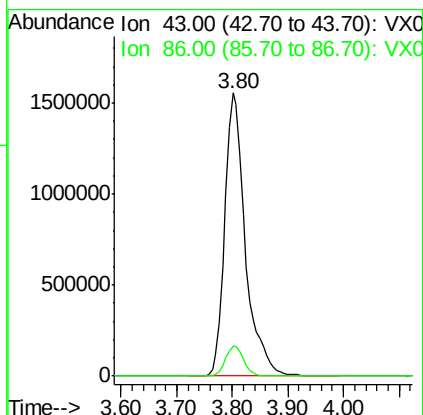
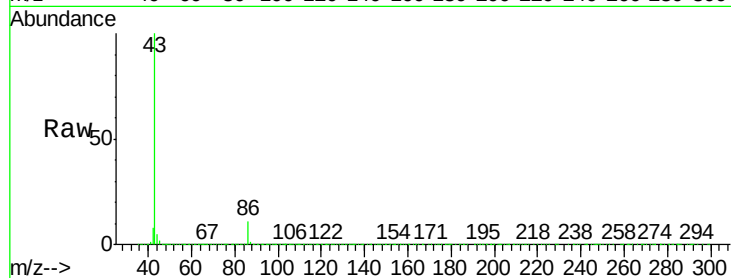
86 10.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.506 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

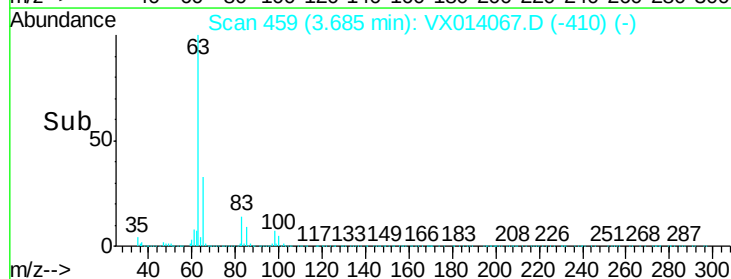
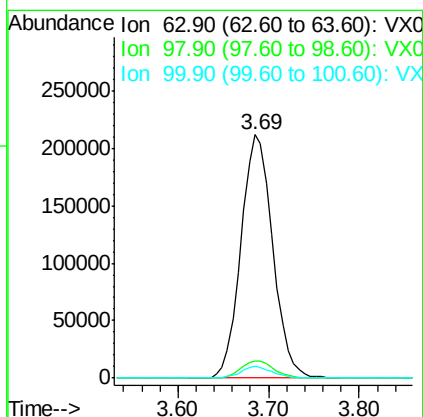
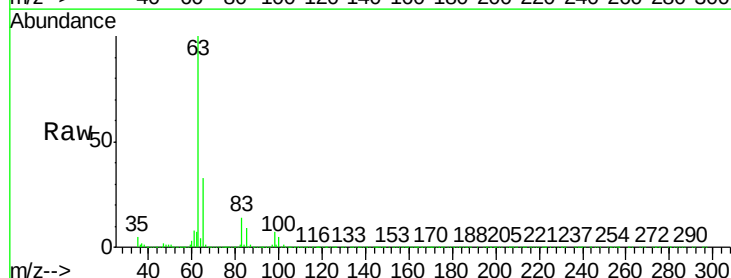
Tgt Ion: 63 Resp: 511721

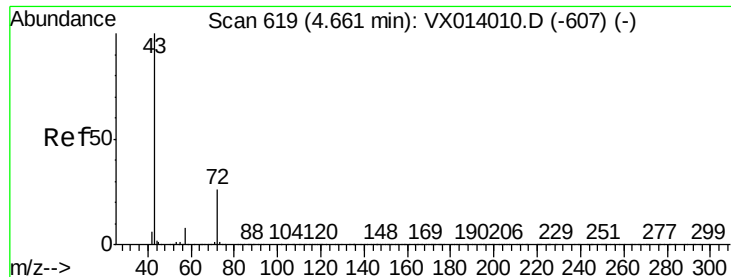
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 249.305 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1203349

Ion Ratio Lower Upper

43 100

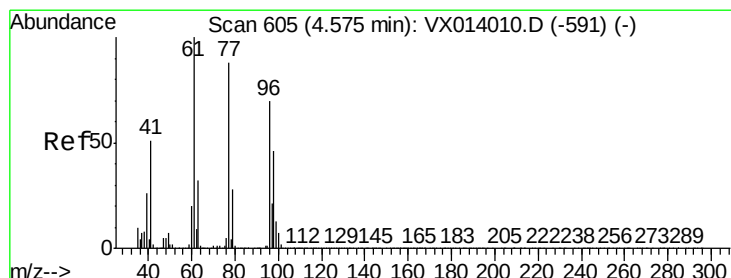
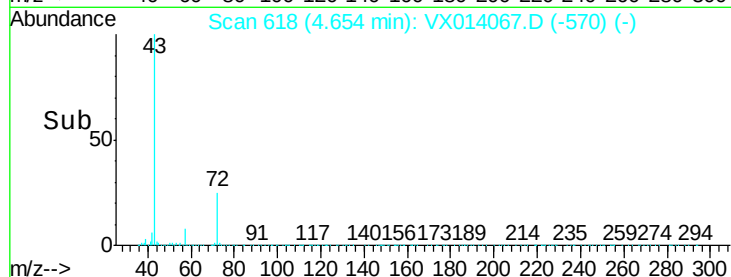
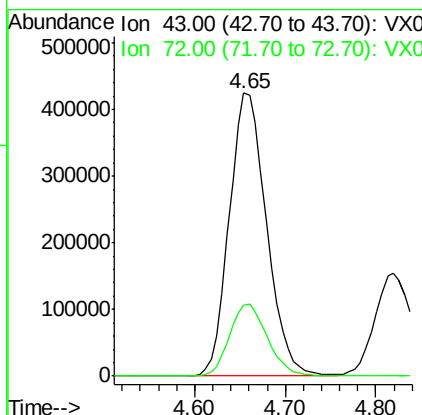
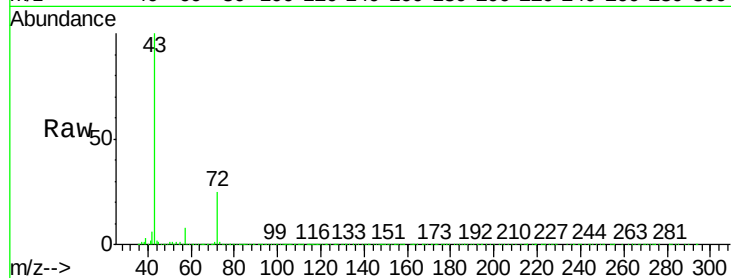
72 25.1 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 47.029 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014067.D

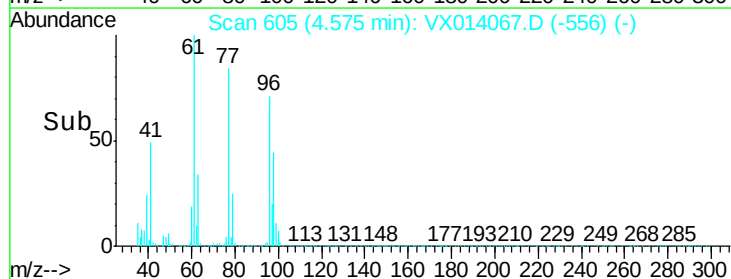
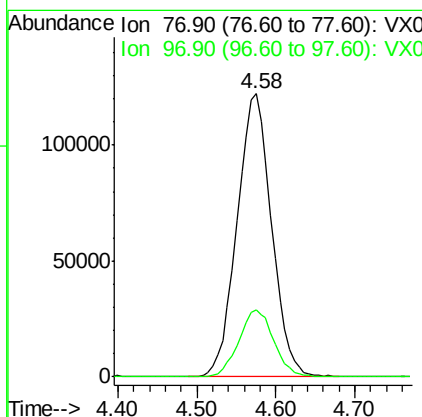
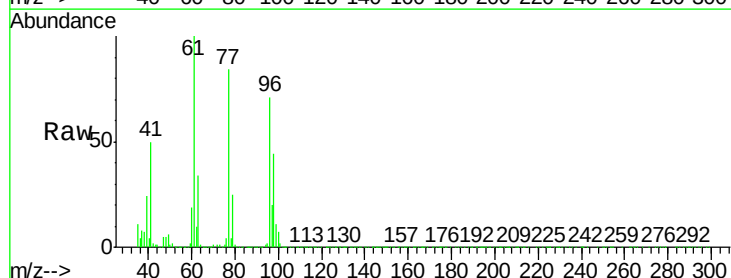
Acq: 17 Dec 2019 21:15

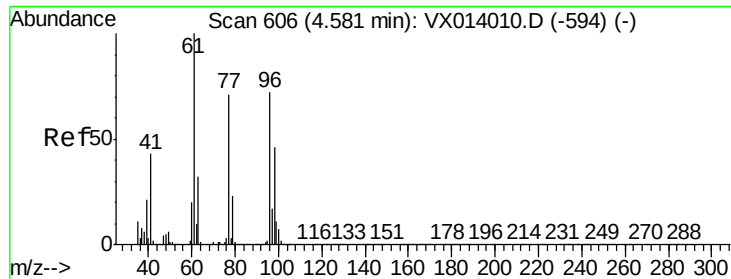
Tgt Ion: 77 Resp: 369953

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9





#27

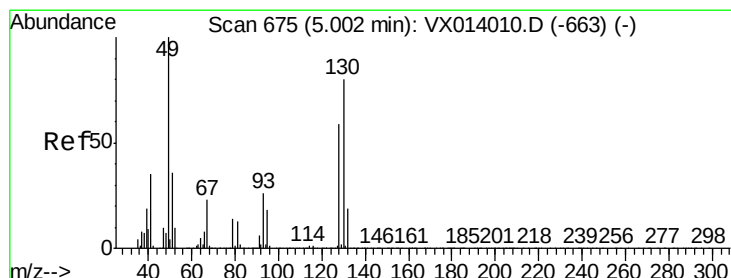
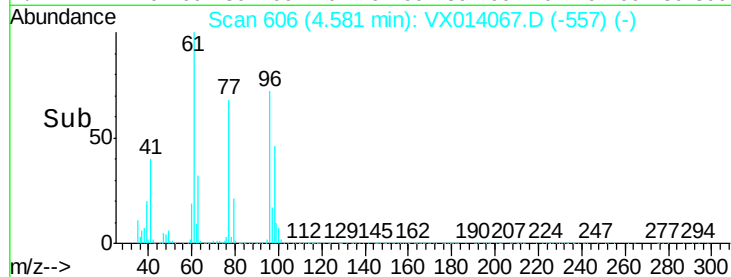
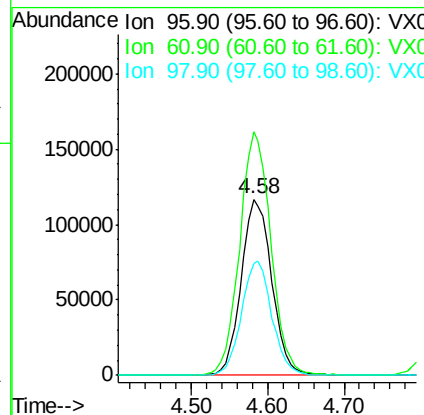
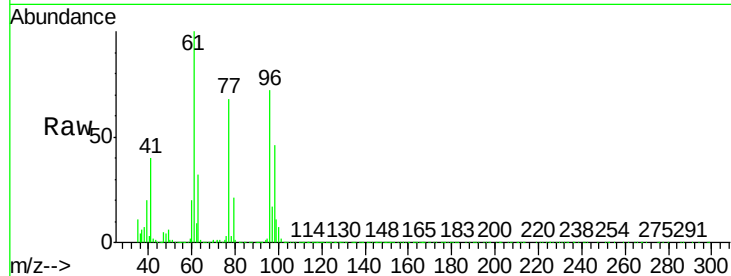
cis-1,2-Dichloroethene
Concen: 50.785 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	288.4
98	64.2	0.0	129.6

Manual Integrations
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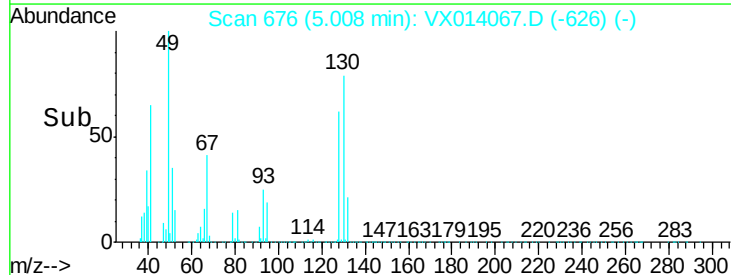
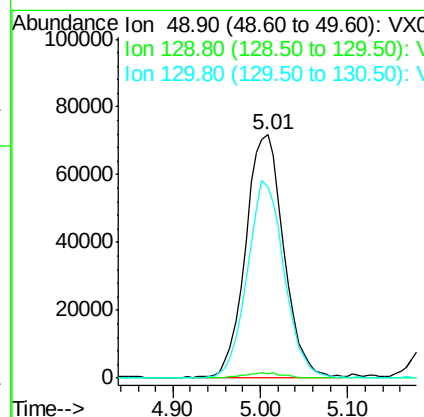
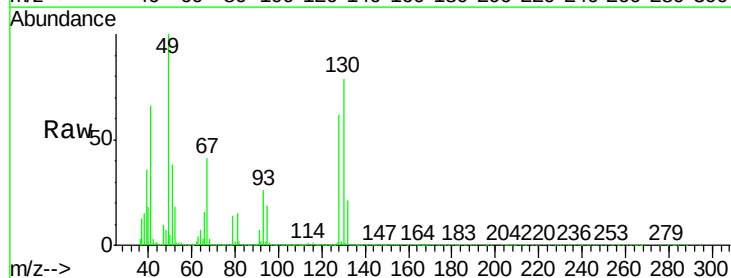
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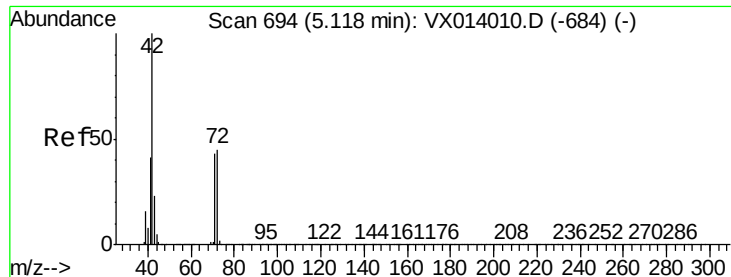


#28

Bromochloromethane
Concen: 55.418 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	79.2	64.6	97.0





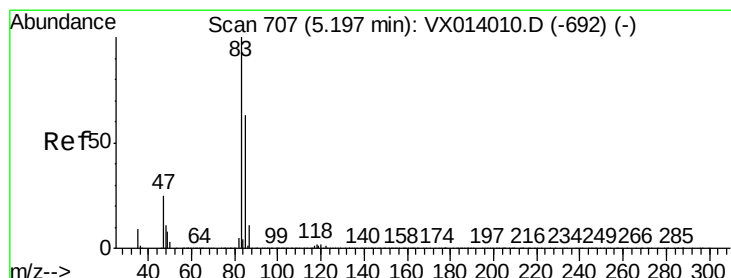
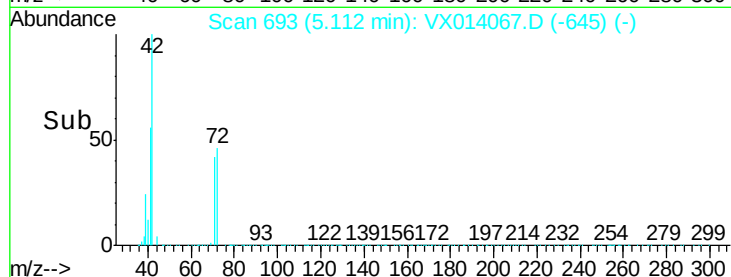
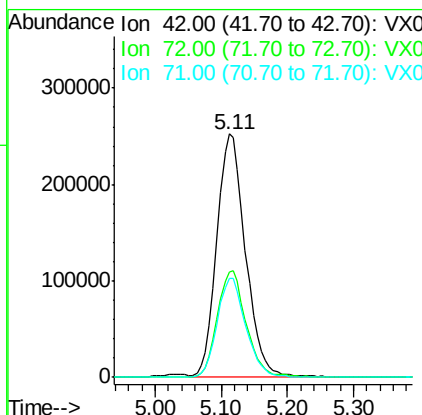
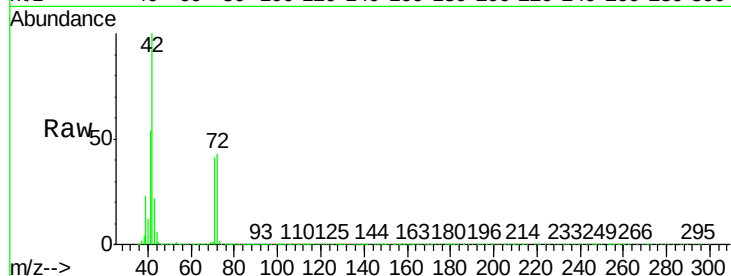
#29
Tetrahydrofuran
Concen: 279.118 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.8	53.8
71	40.9	33.6	50.4

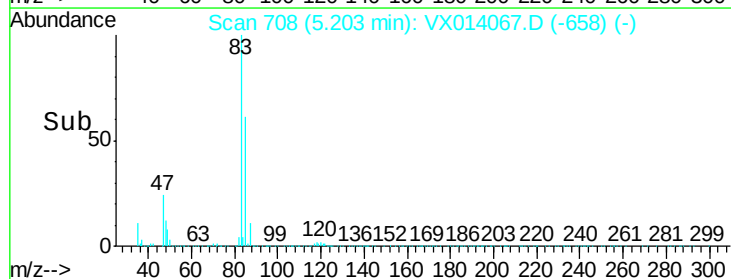
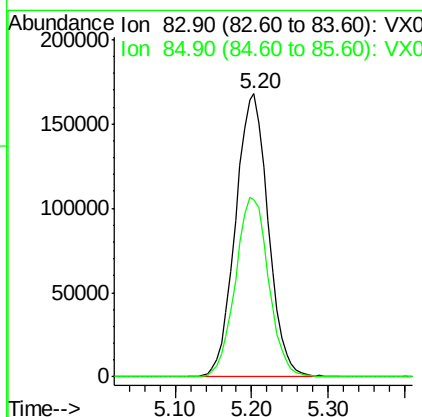
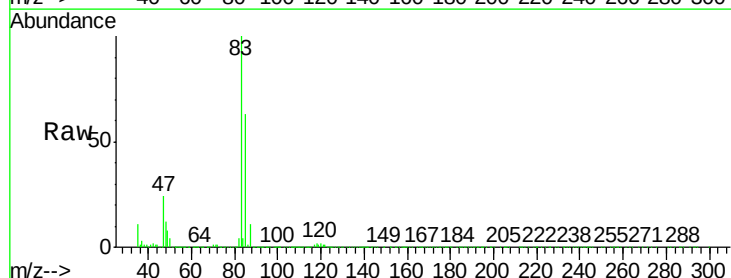
Manual Integrations
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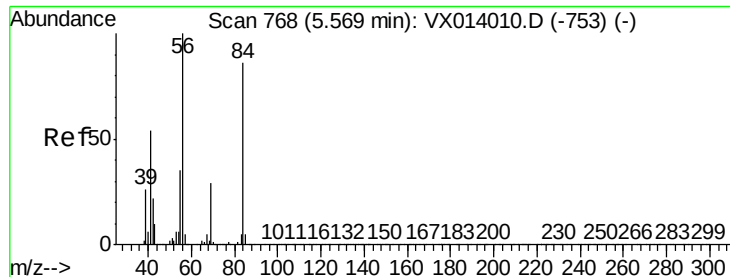
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#30
Chloroform
Concen: 51.753 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.8	76.2





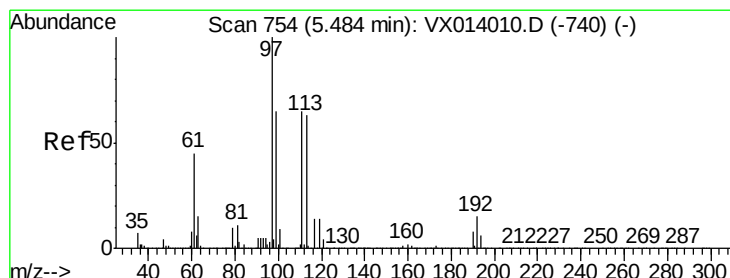
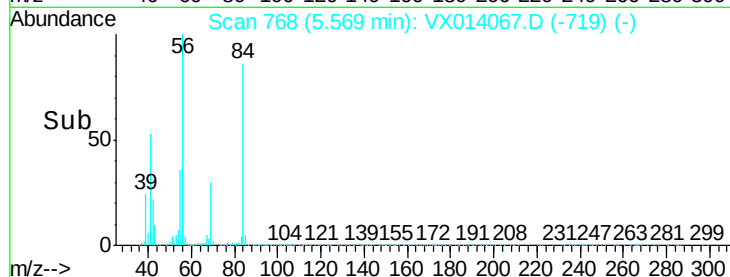
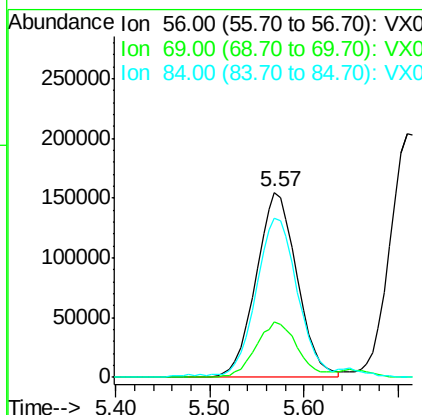
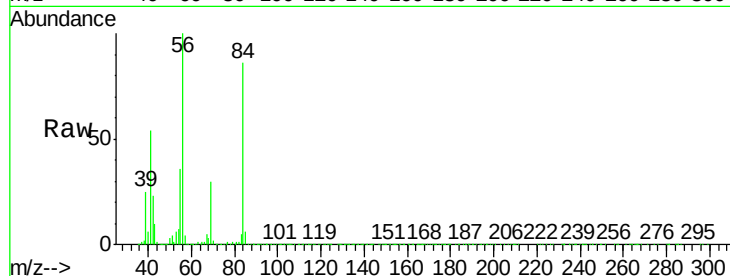
#31
Cyclohexane
Concen: 51.913 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.2	34.8
84	84.9	69.2	103.8

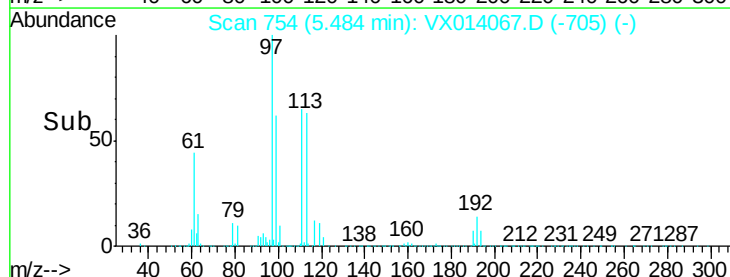
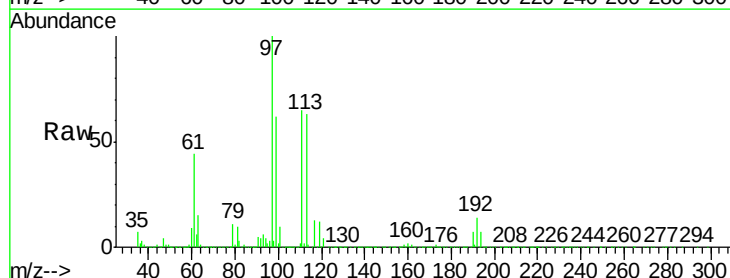
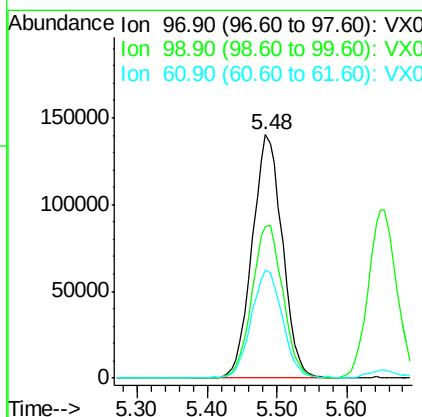
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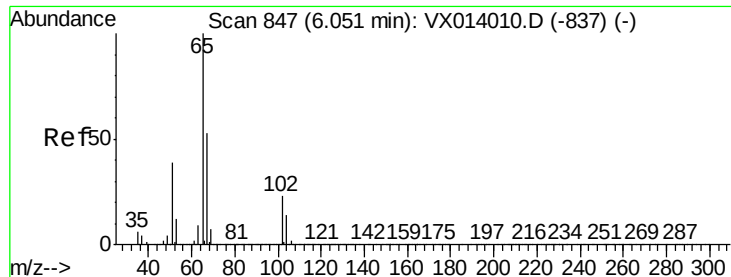
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#32
1,1,1-Trichloroethane
Concen: 51.620 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.0	78.0
61	45.0	36.7	55.1





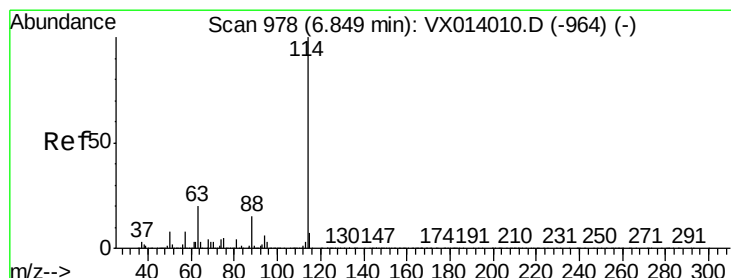
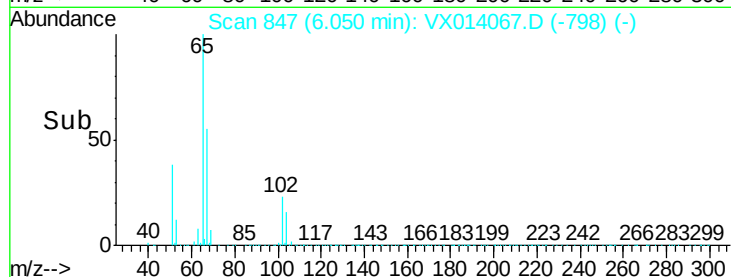
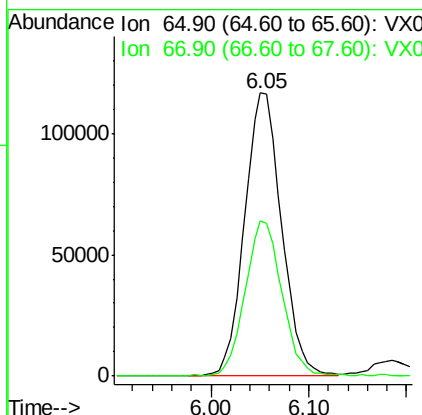
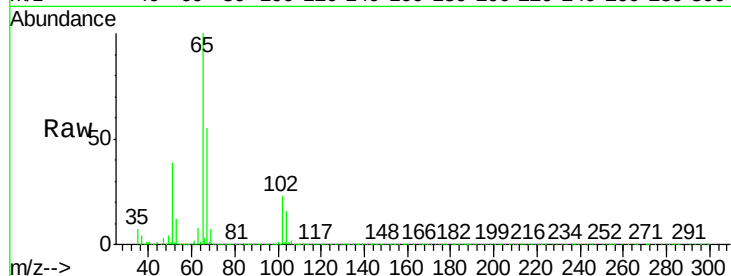
#33
 1,2-Dichloroethane-d4
 Concen: 50.503 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014067.D
 Acq: 17 Dec 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	304558		
67	54.3	0.0	106.4	

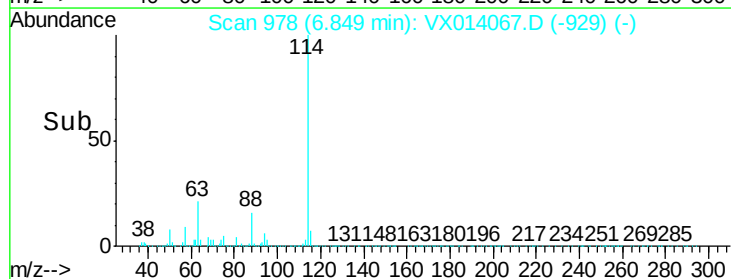
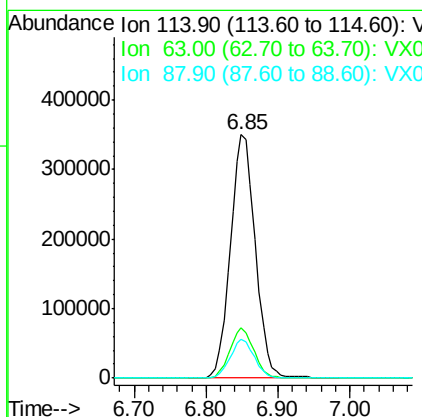
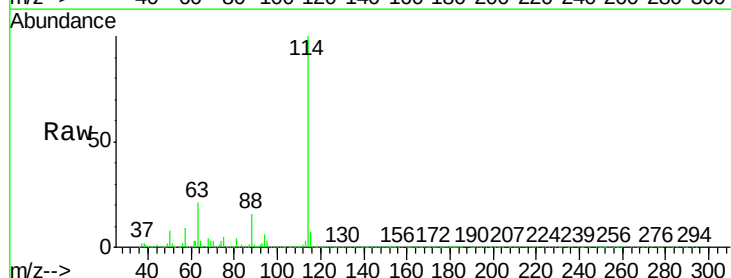
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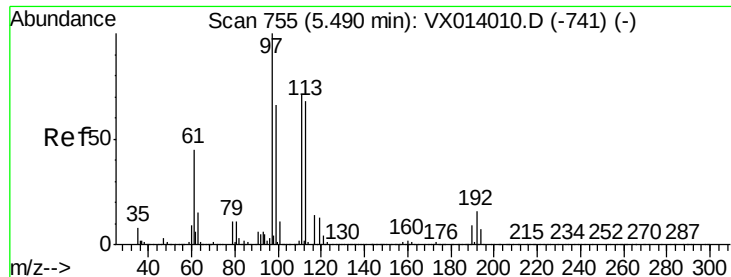
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014067.D
 Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	840631		
63	20.6	0.0	40.8	
88	15.8	0.0	30.4	





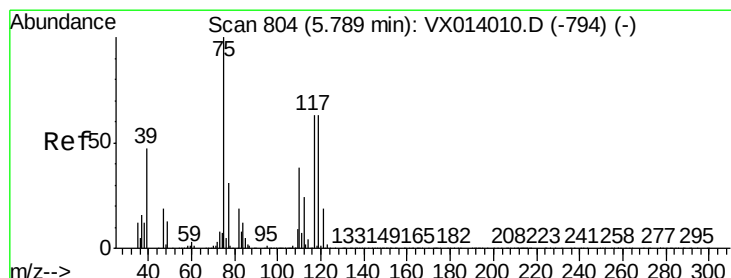
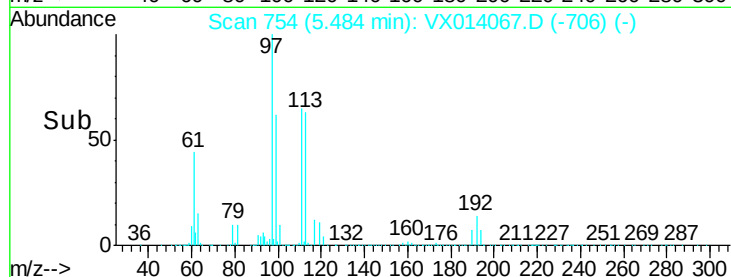
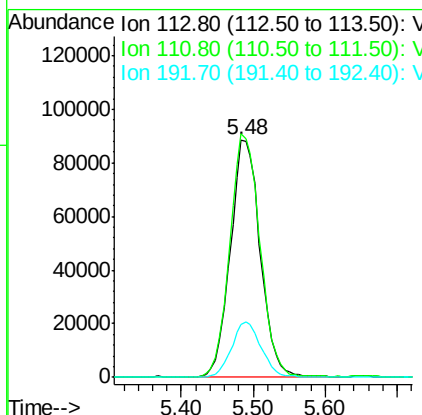
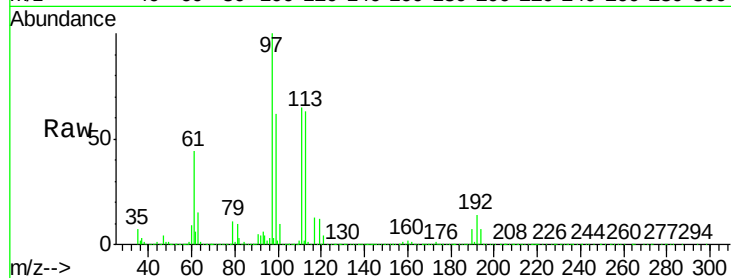
#35
Dibromofluoromethane
Concen: 49.904 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	23.2	19.3	28.9

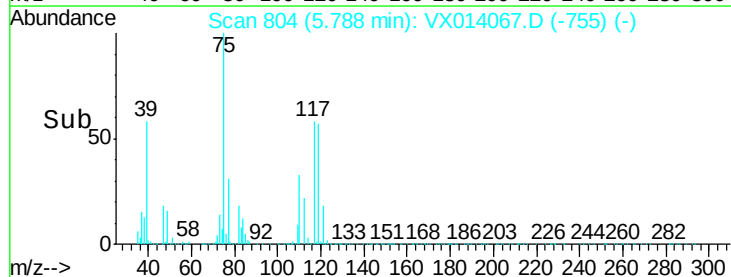
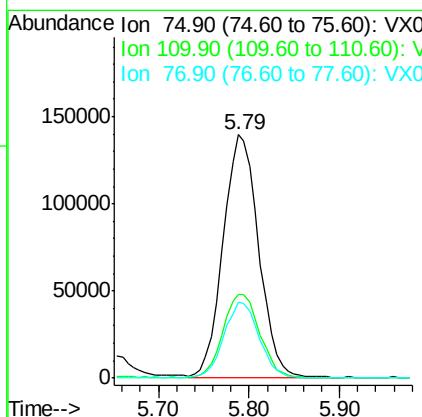
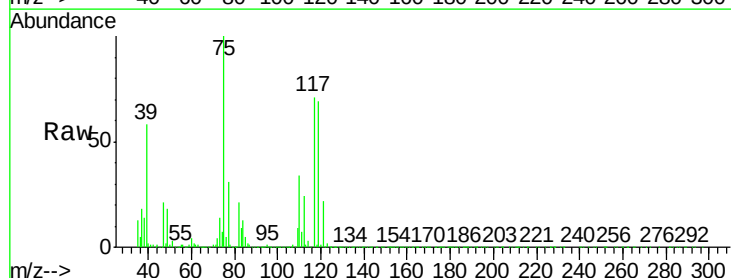
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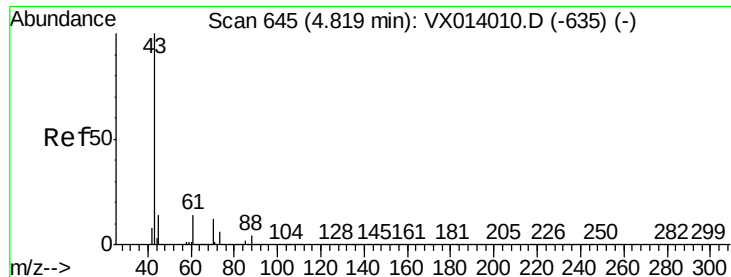
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#36
1,1-Dichloropropene
Concen: 48.862 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.3	54.9
77	30.7	24.8	37.2





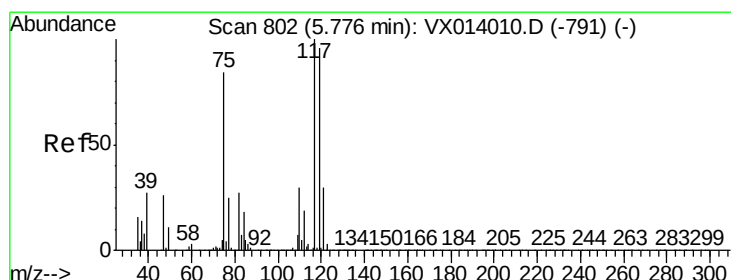
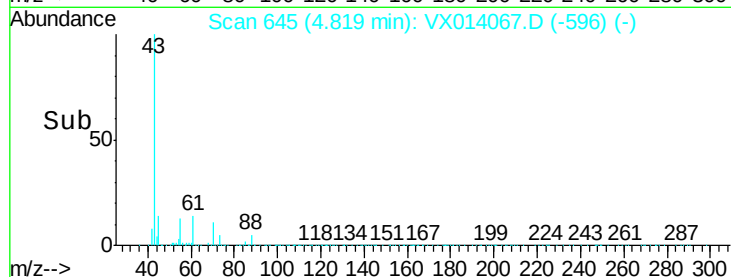
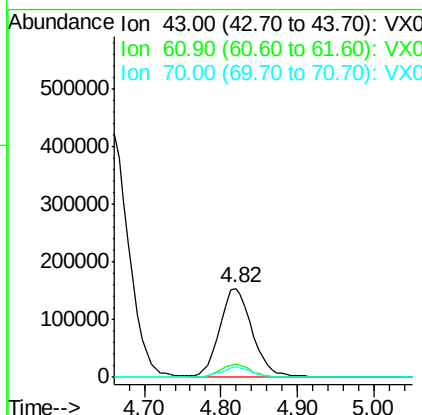
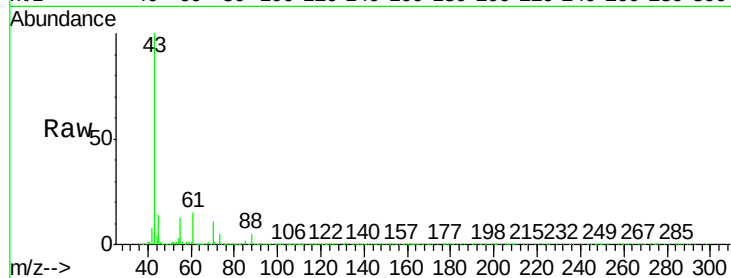
#37
Ethyl Acetate
Concen: 52.728 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	449120
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	11.2	8.6	12.8

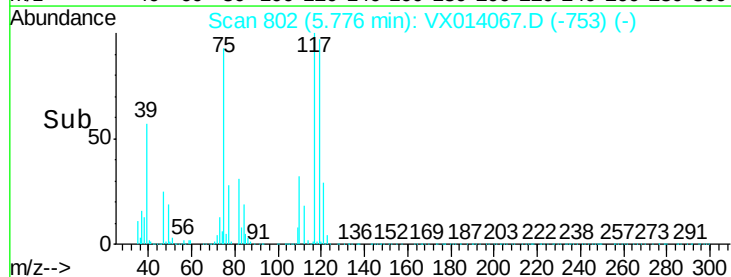
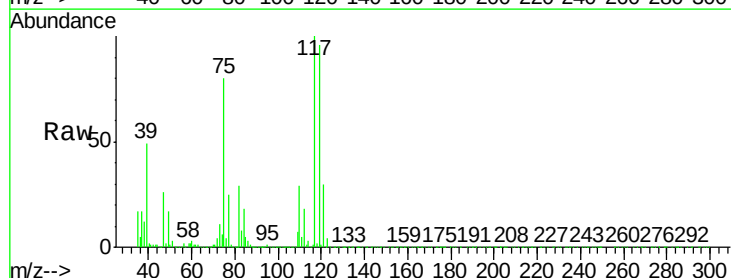
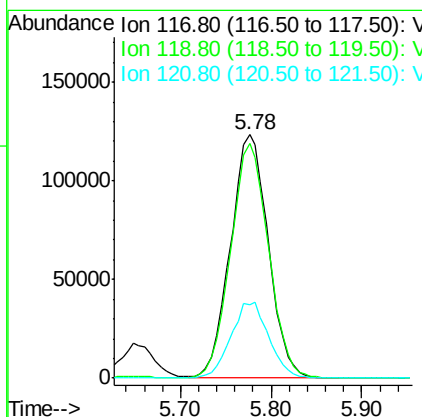
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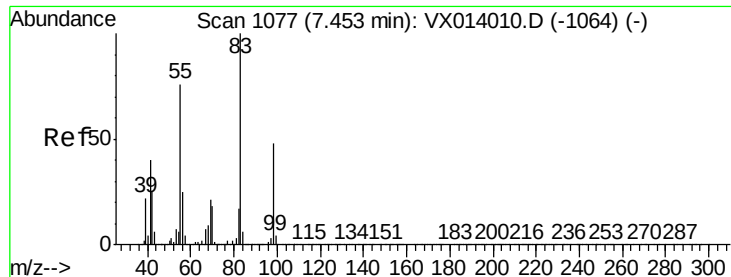
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#38
Carbon Tetrachloride
Concen: 50.670 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion:	117	Resp:	356042
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.4
121	29.9	23.6	35.4





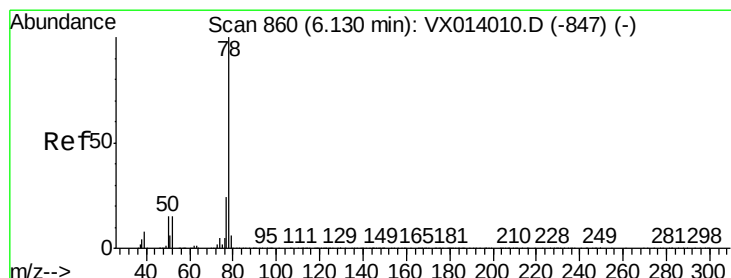
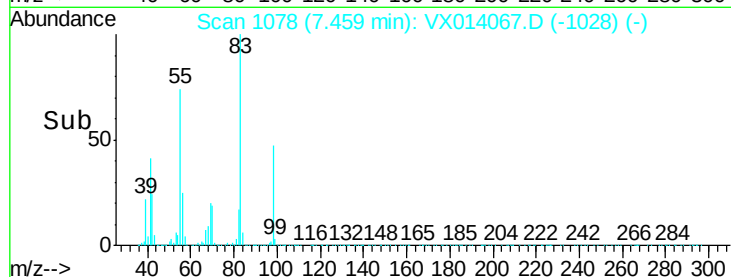
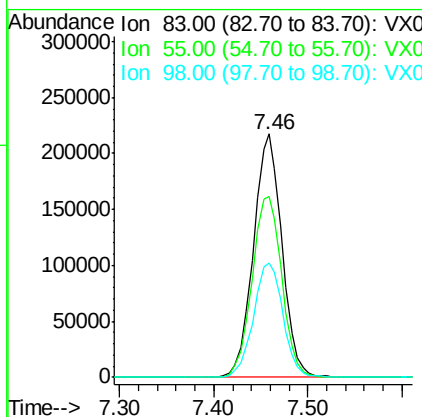
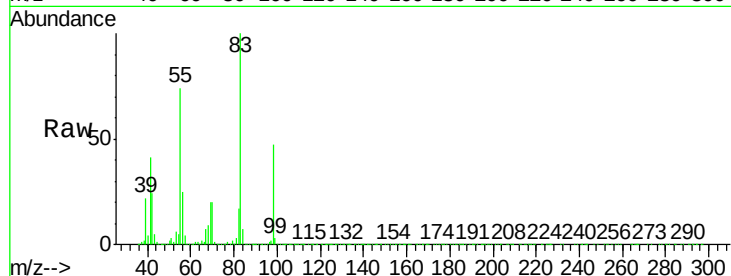
#39
Methylvlcyclohexane
Concen: 48.517 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	61.0	91.6
98	46.8	38.6	57.8

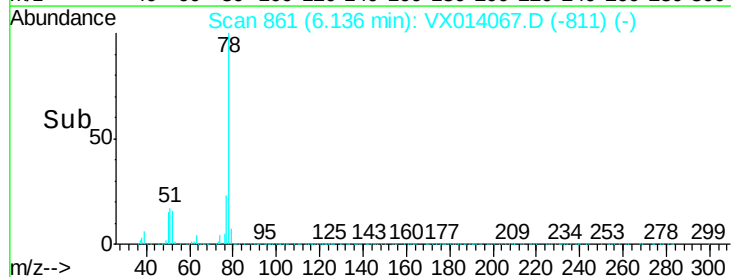
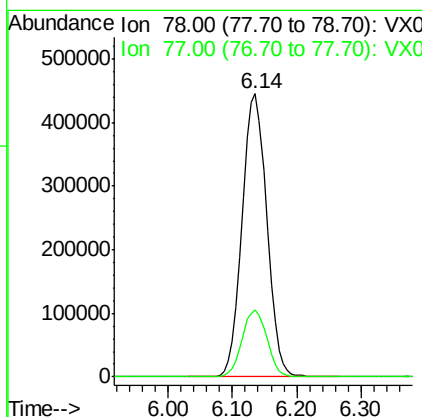
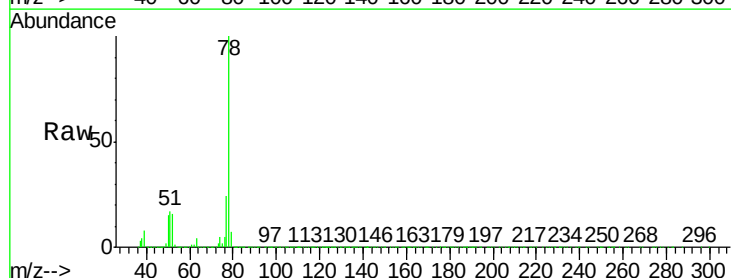
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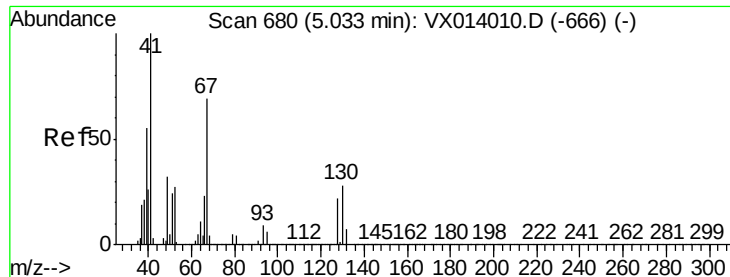
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#40
Benzene
Concen: 49.523 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





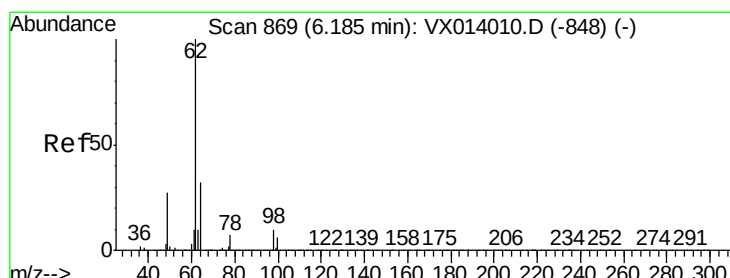
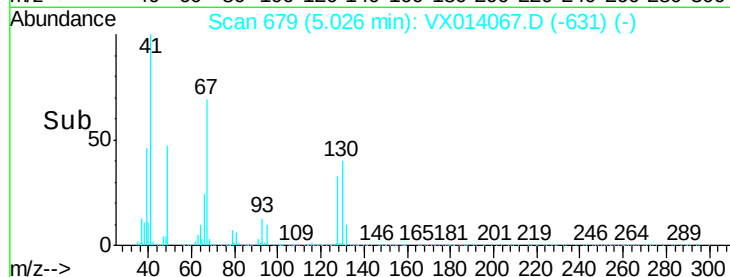
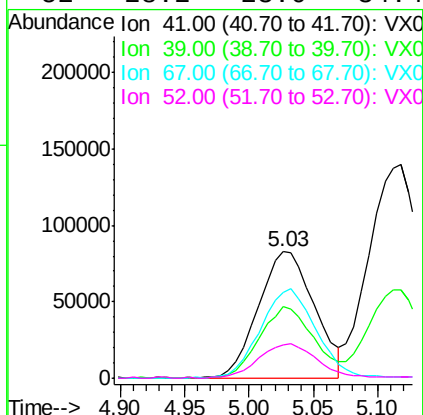
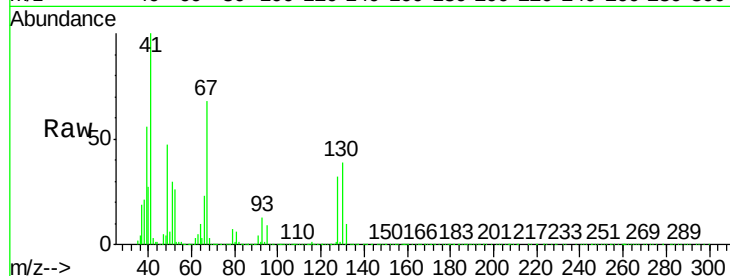
#41
Methacrylonitrile
Concen: 52.635 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	44.5	66.7	
67	71.8	57.4	86.0	
52	28.2	23.0	34.4	

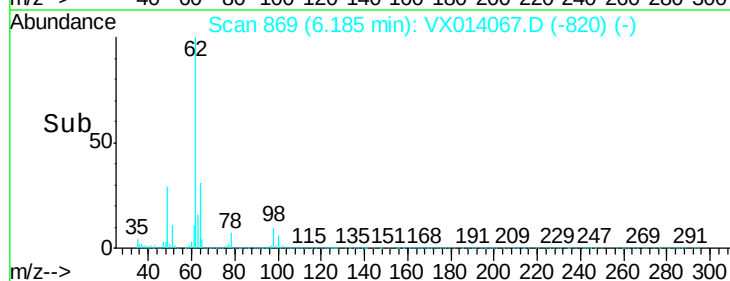
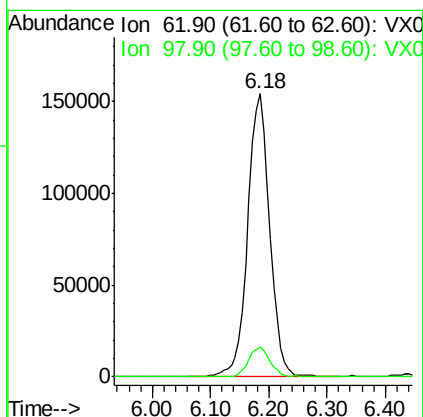
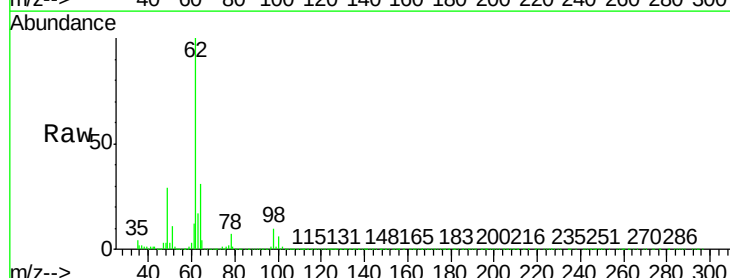
Manual Integrations
APPROVED

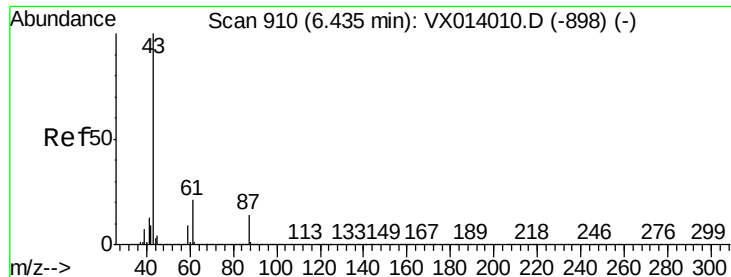
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#42
1,2-Dichloroethane
Concen: 49.782 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	21.0	





#43

Isopropyl Acetate

Concen: 51.996 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

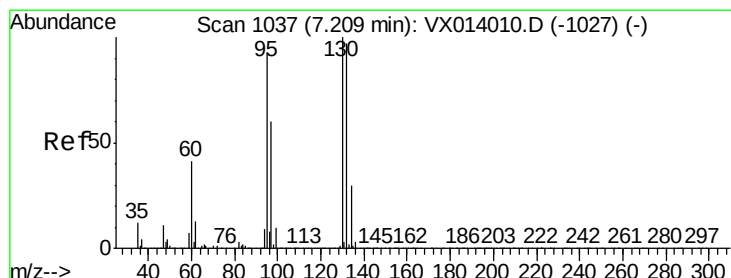
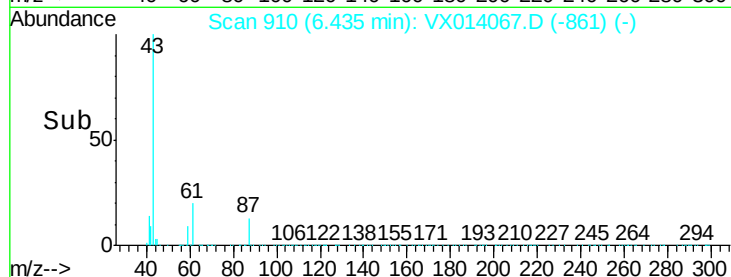
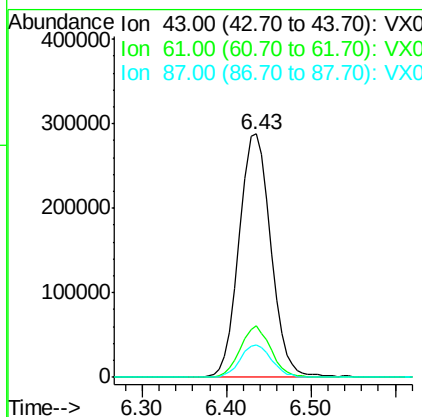
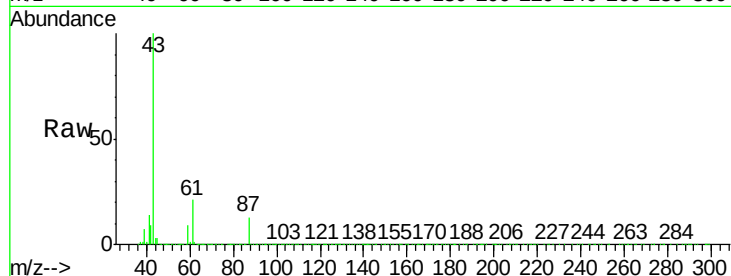
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	Resp	732944
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.4	24.6
87	13.2	10.7	16.1

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#44

Trichloroethene

Concen: 48.179 ug/l

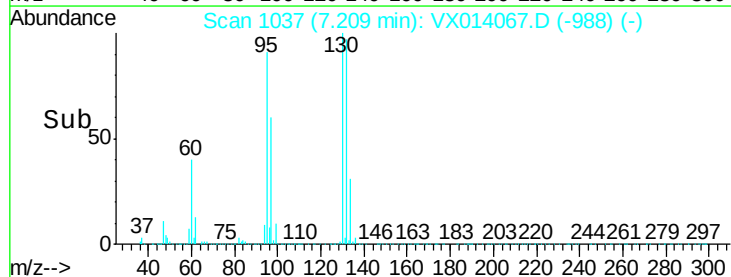
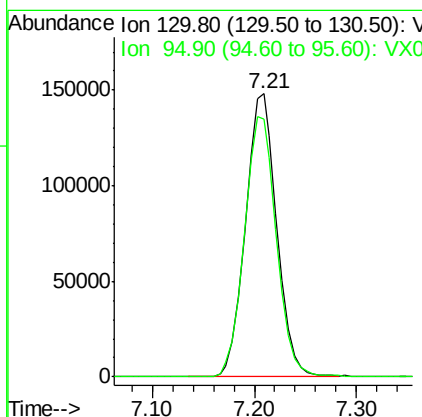
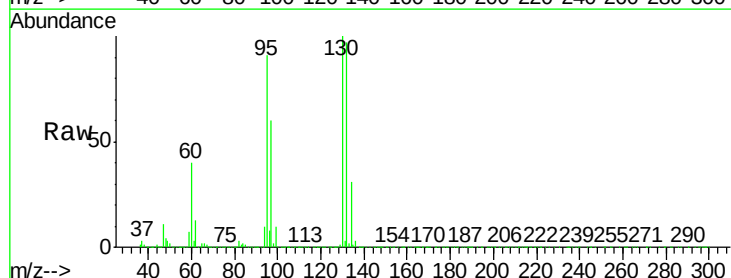
RT: 7.21 min Scan# 1037

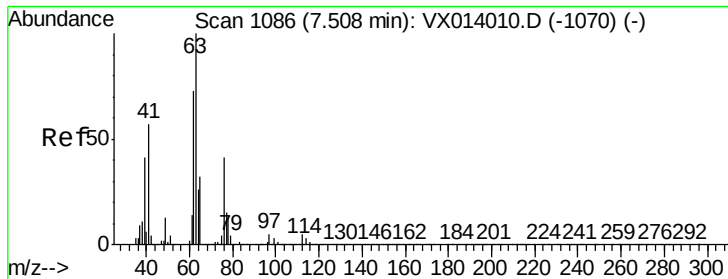
Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion	130	Resp	315823
Ion Ratio	Lower	Upper	
130	100		
95	91.0	0.0	185.6





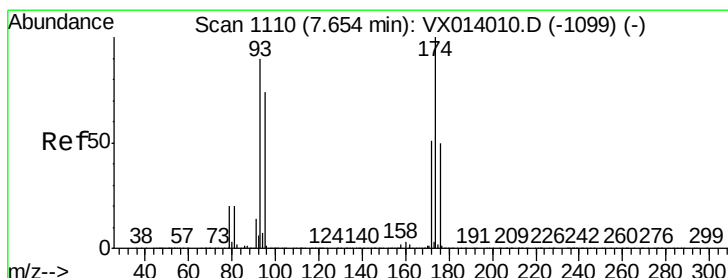
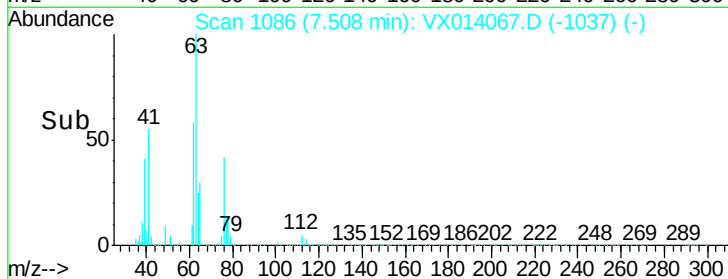
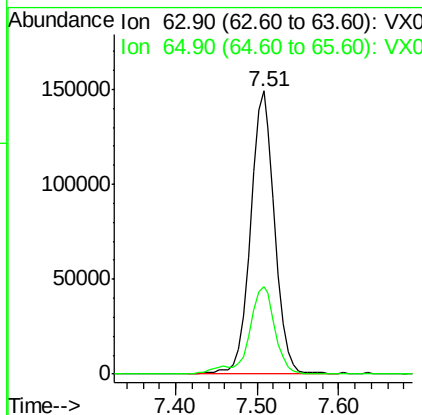
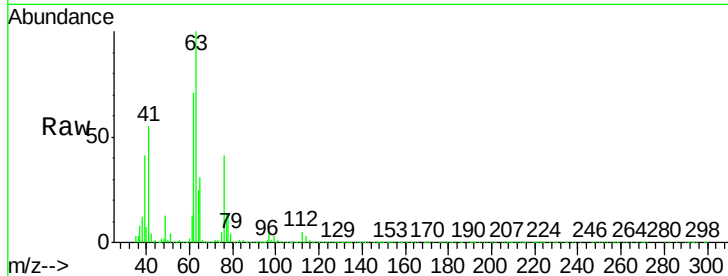
#45
 1,2-Dichloropropane
 Concen: 50.205 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014067.D
 Acq: 17 Dec 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	305395		
65	30.9		25.8	38.8

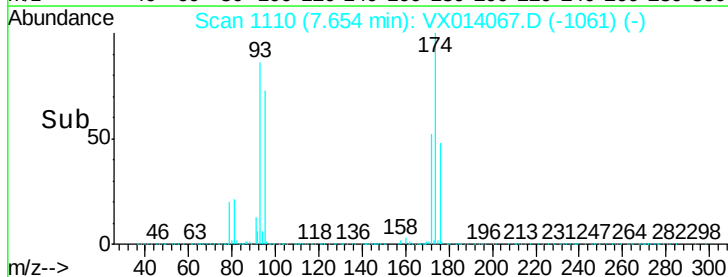
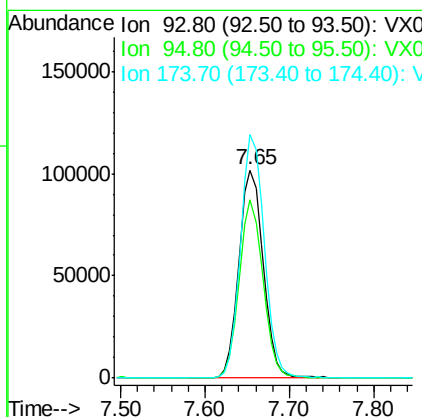
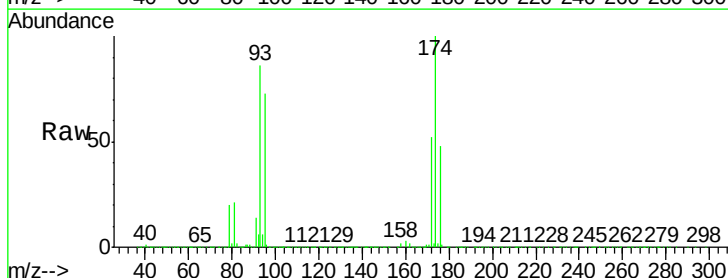
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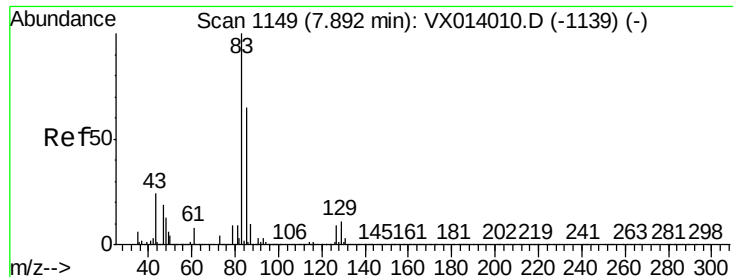
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#46
 Dibromomethane
 Concen: 49.274 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014067.D
 Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	198168		
95	82.5		67.3	100.9
174	113.4		91.6	137.4





#47

Bromodichloromethane

Concen: 51.224 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

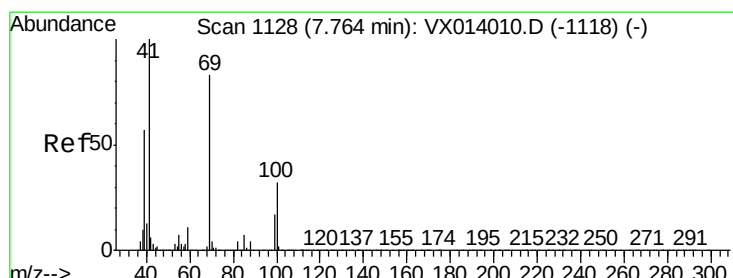
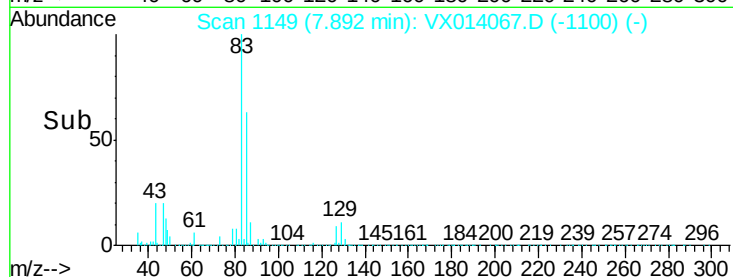
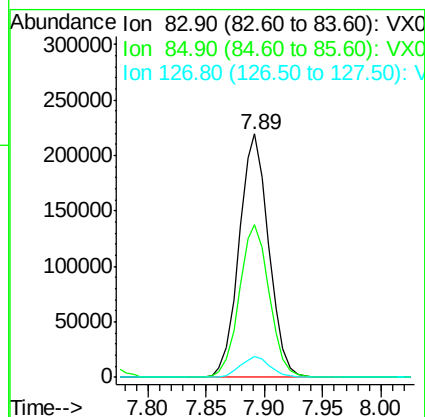
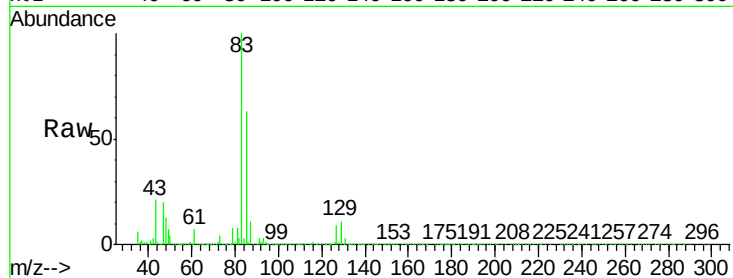
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	387984
Ion Ratio	Lower	Upper	
83	100		
85	62.6	51.8	77.8
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.935 ug/l

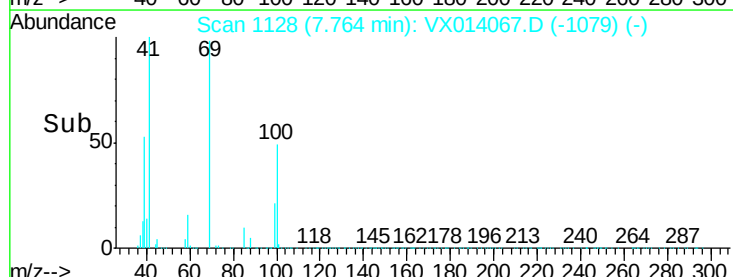
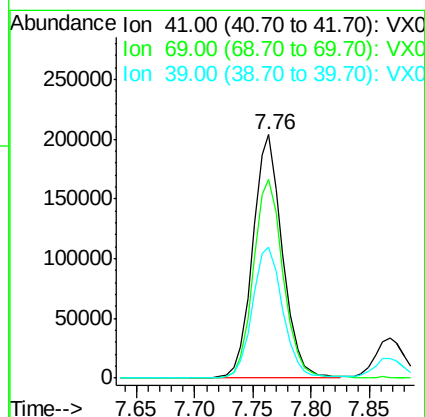
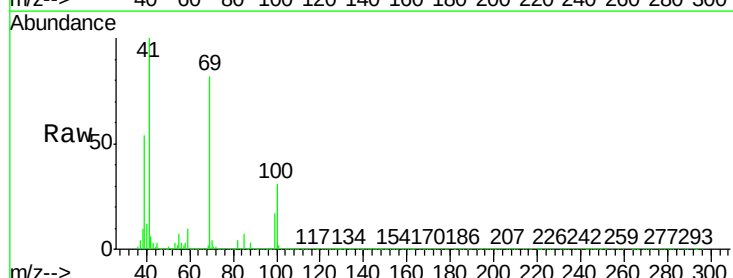
RT: 7.76 min Scan# 1128

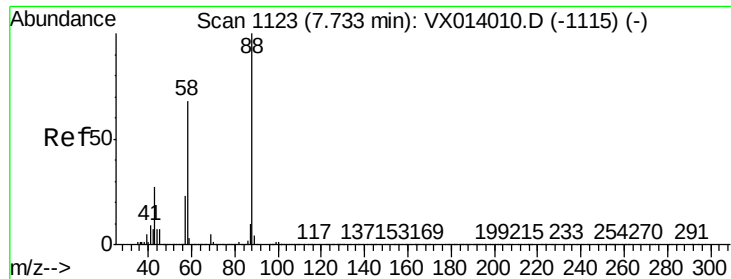
Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion:	41	Resp:	358480
Ion Ratio	Lower	Upper	
41	100		
69	82.5	65.8	98.6
39	55.0	44.6	67.0





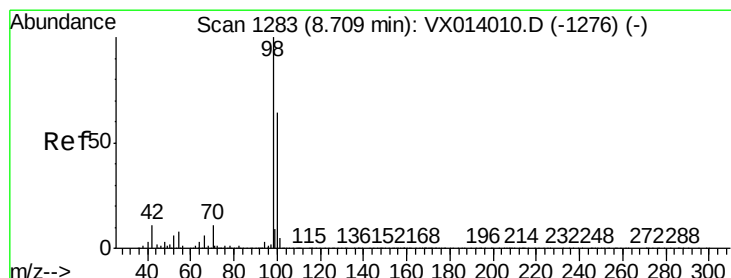
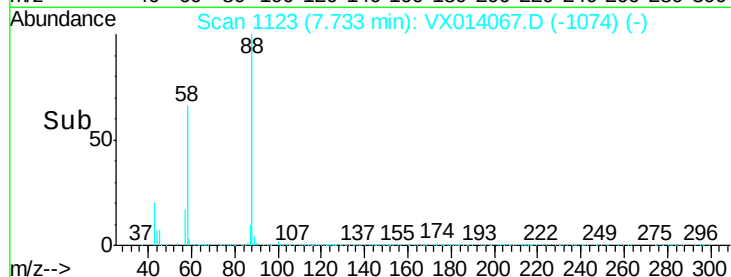
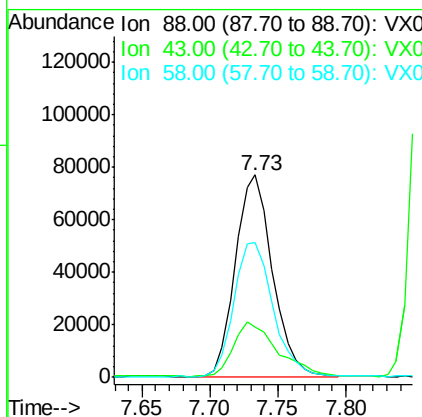
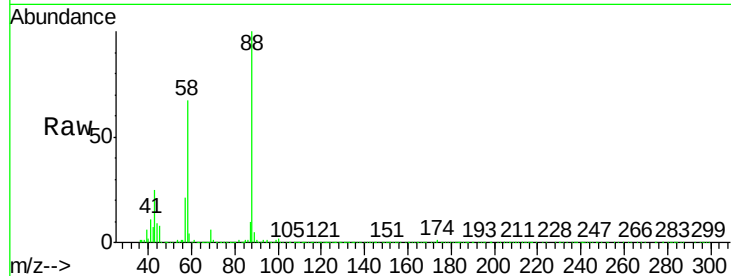
#49
1,4-Dioxane
Concen: 1051.012 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.5	39.7
58	69.7	56.8	85.2

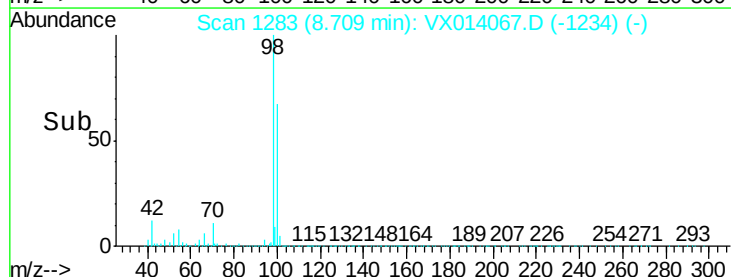
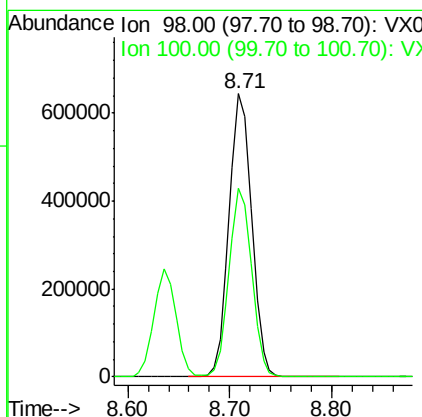
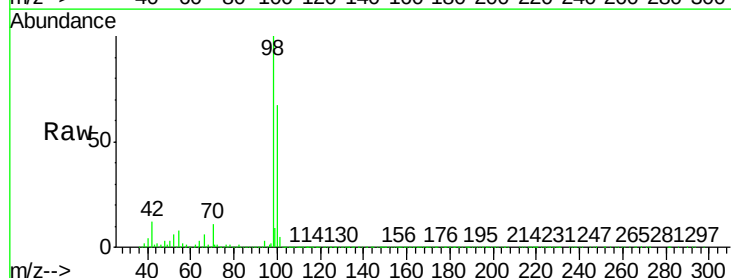
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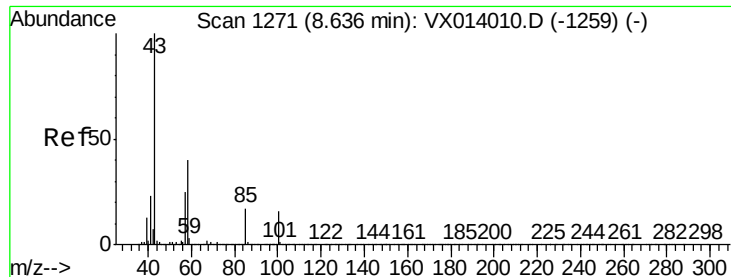
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#50
Toluene-d8
Concen: 49.745 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3





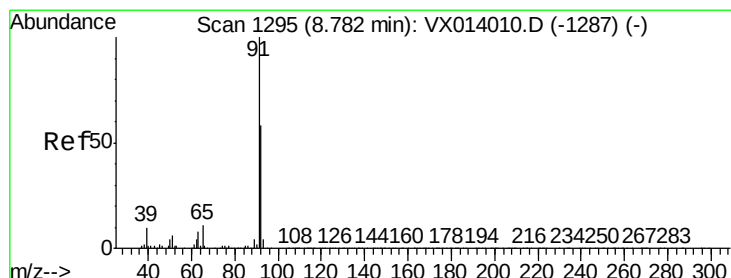
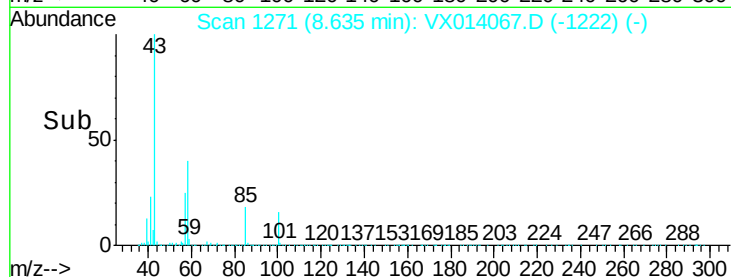
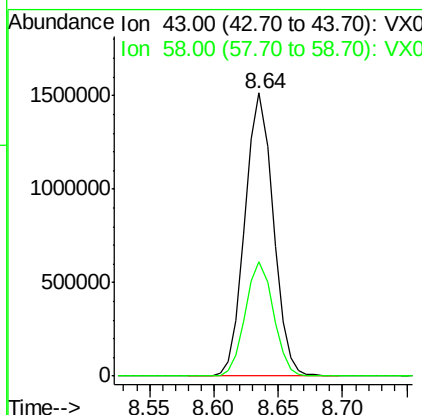
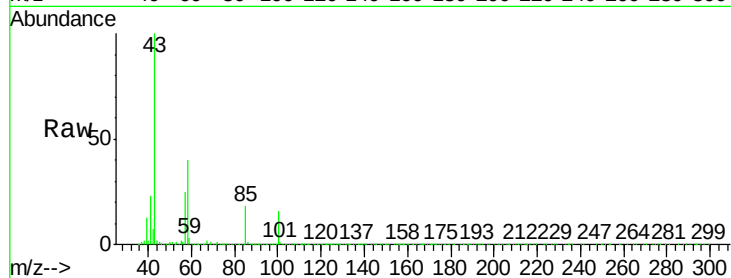
#51
4-Methyl-2-Pentanone
Concen: 260.385 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2305109
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2

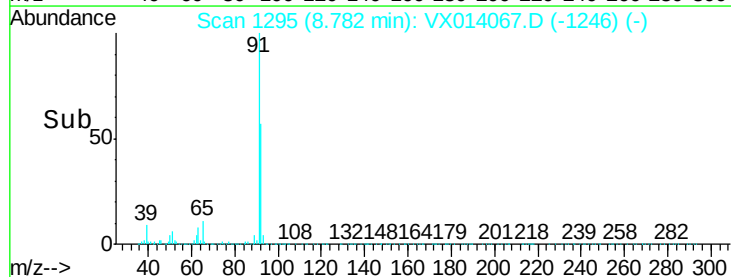
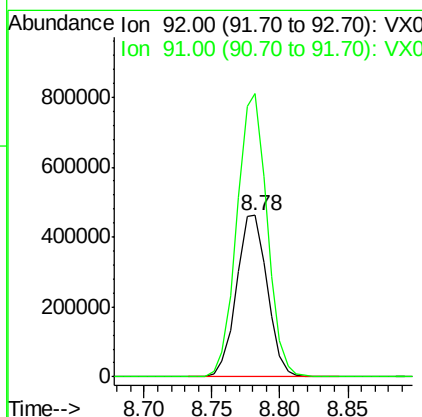
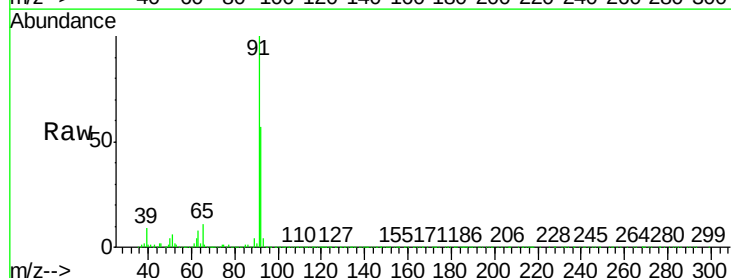
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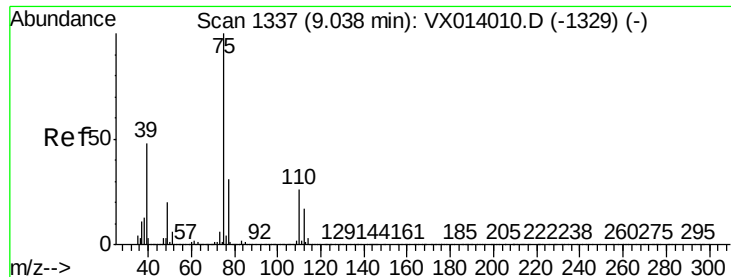
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#52
Toluene
Concen: 48.779 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion: 92 Resp: 731724
Ion Ratio Lower Upper
92 100
91 171.1 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.835 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 430505

Ion Ratio Lower Upper

75 100

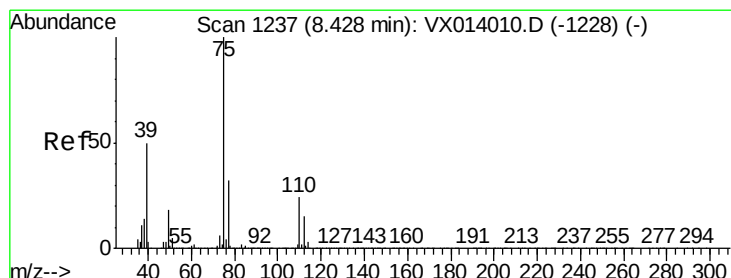
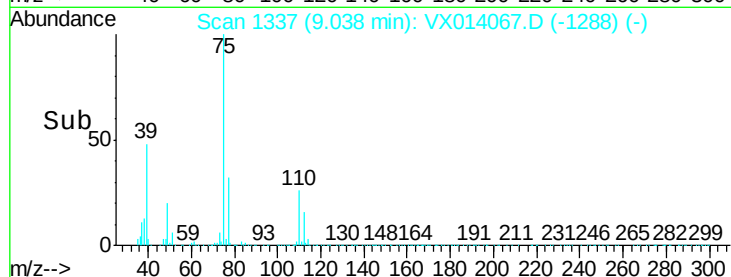
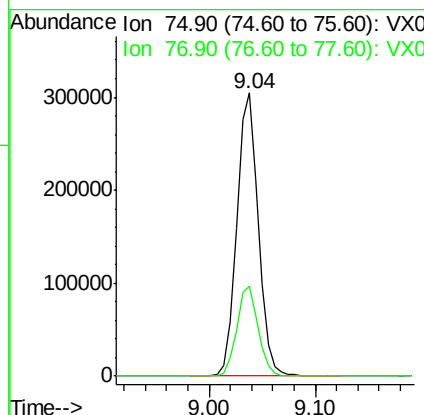
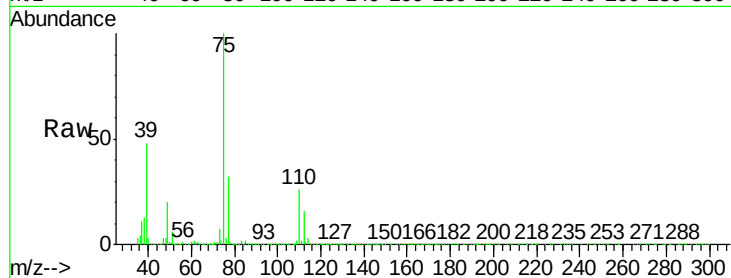
77 31.8 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 51.950 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

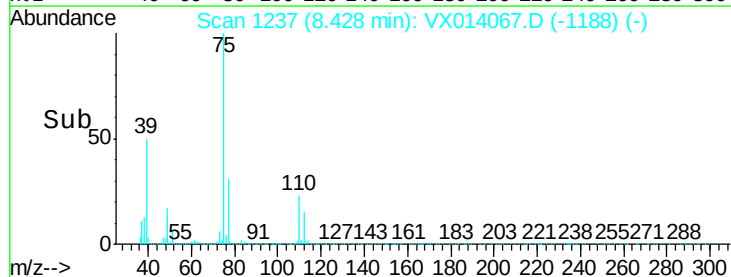
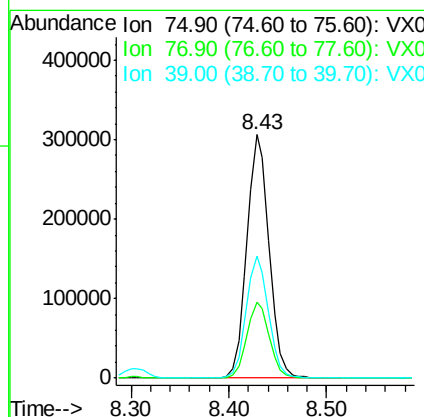
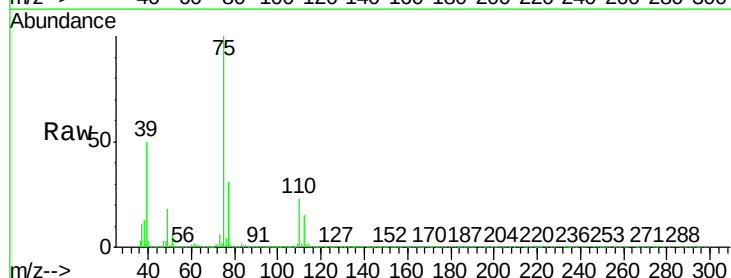
Tgt Ion: 75 Resp: 480680

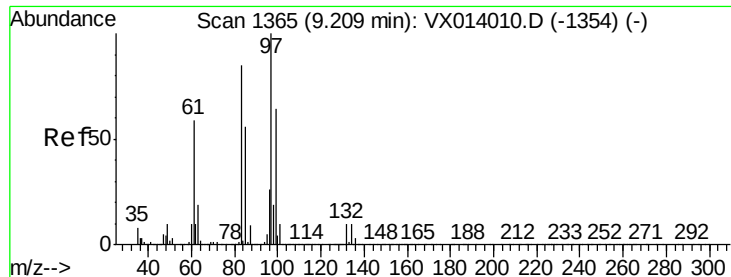
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 50.2 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.088 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

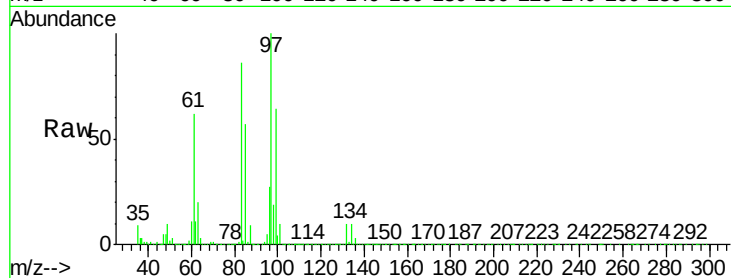
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		295124		
83	86.1	68.2	102.4		
85	56.9	44.6	66.8		
99	63.9	51.4	77.0		

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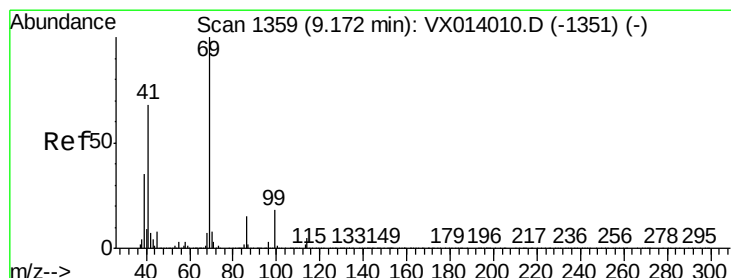
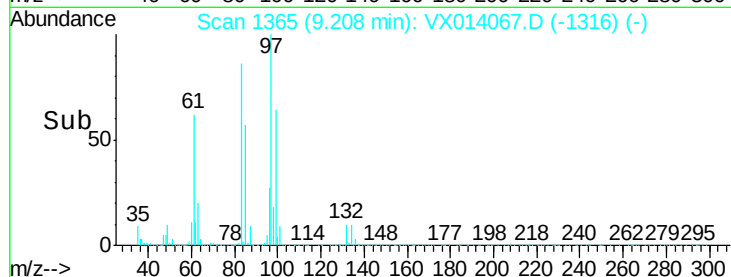
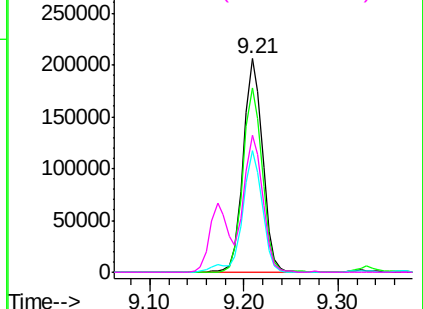
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.772 ug/l

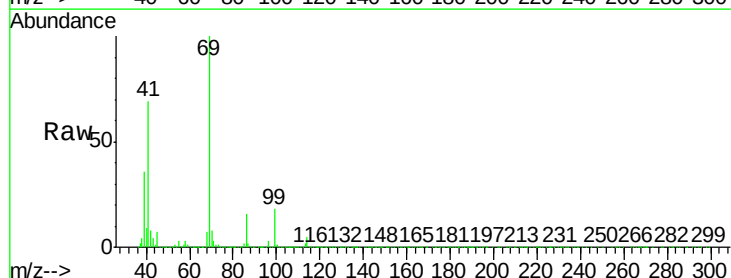
RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		488935		
41	68.7	54.8	82.2		
39	35.4	28.3	42.5		

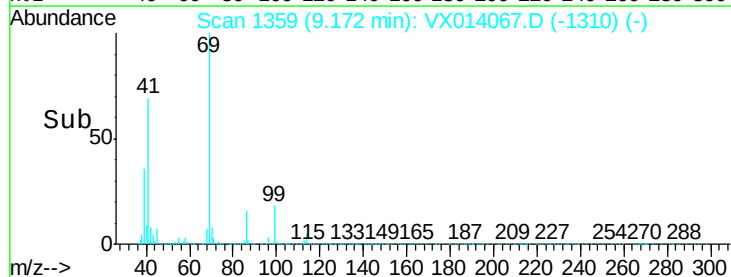
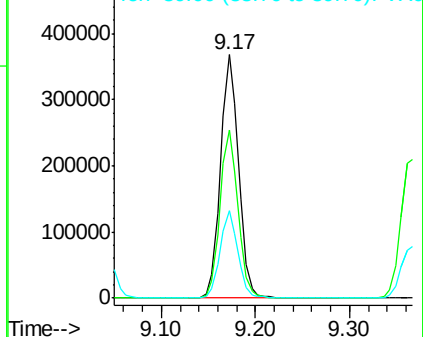


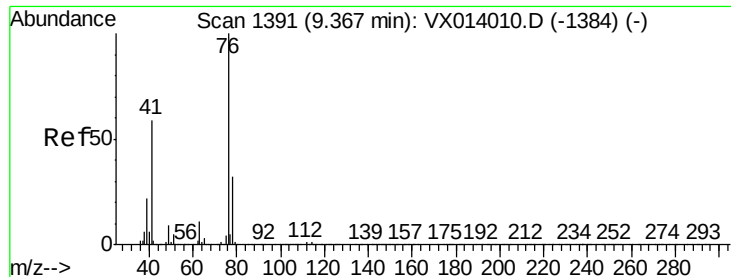
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.979 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 505554

Ion Ratio Lower Upper

76 100

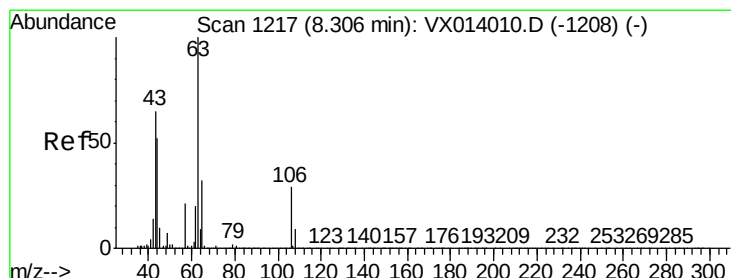
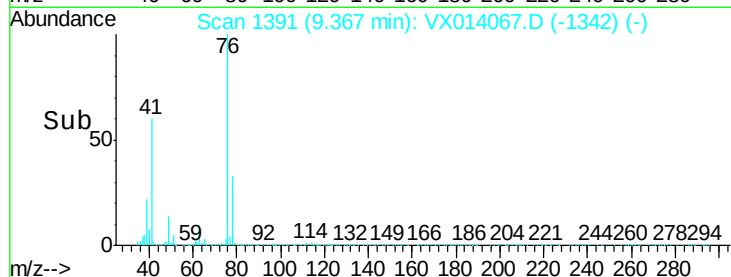
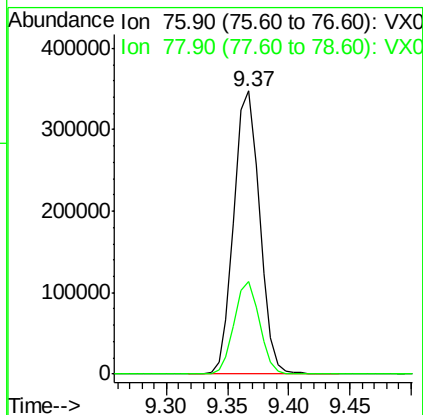
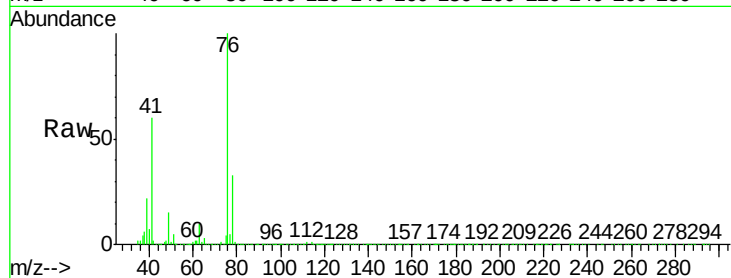
78 32.3 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 267.676 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014067.D

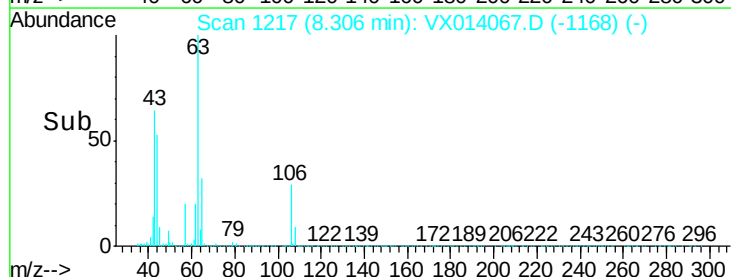
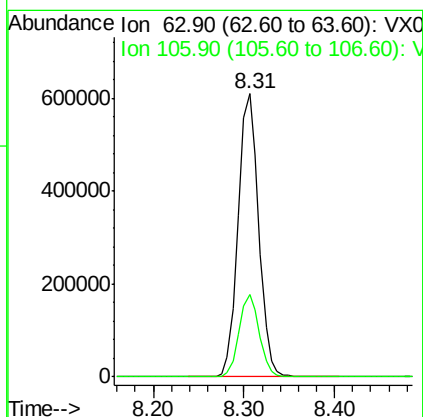
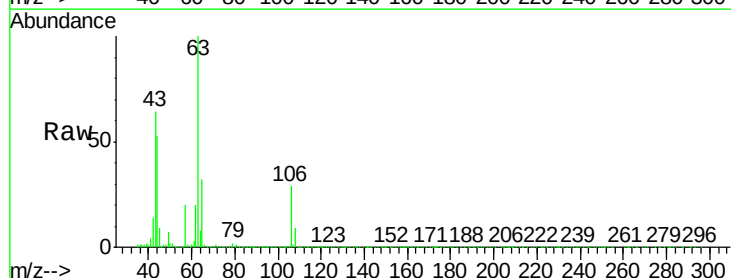
Acq: 17 Dec 2019 21:15

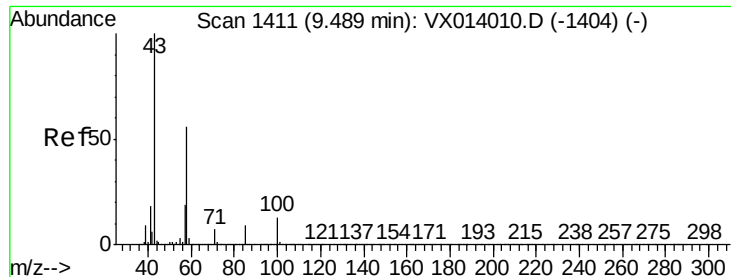
Tgt Ion: 63 Resp: 956672

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6





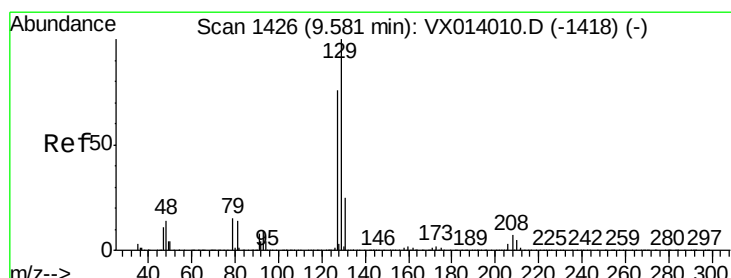
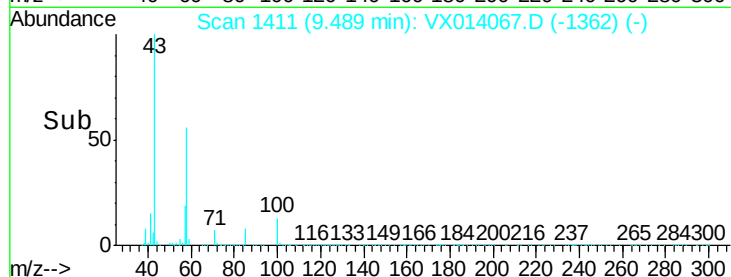
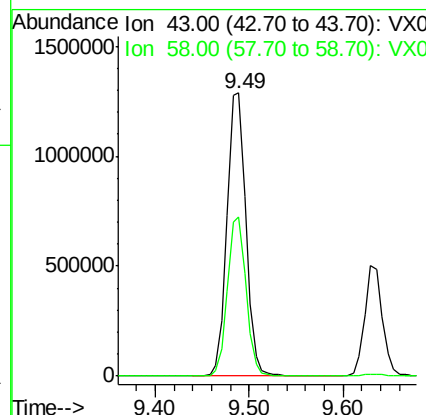
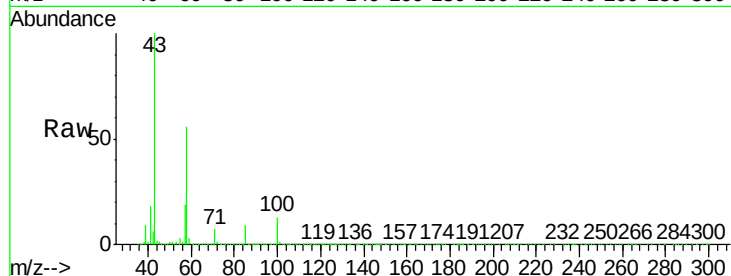
#59
2-Hexanone
Concen: 251.773 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1794246
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0

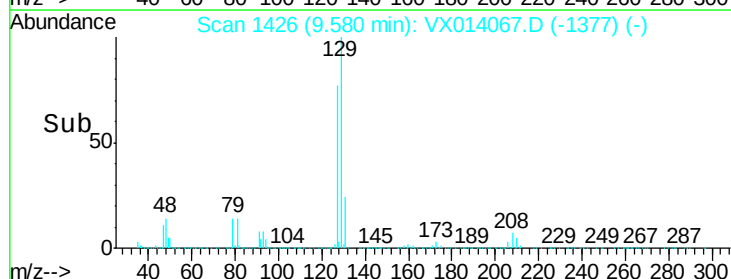
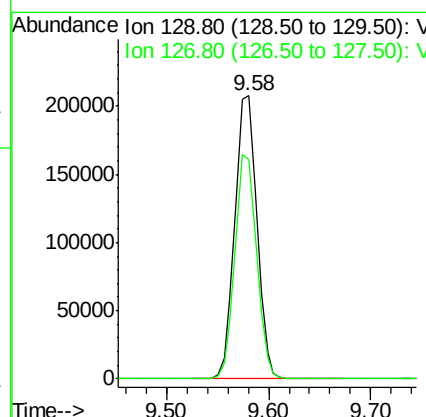
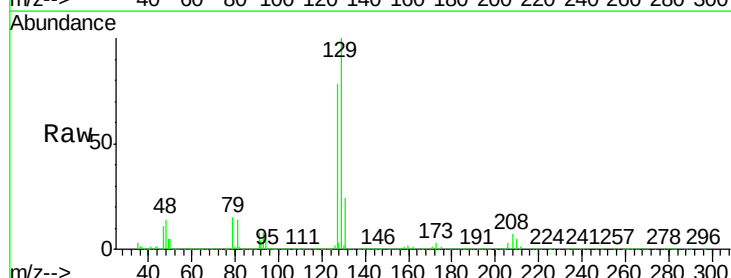
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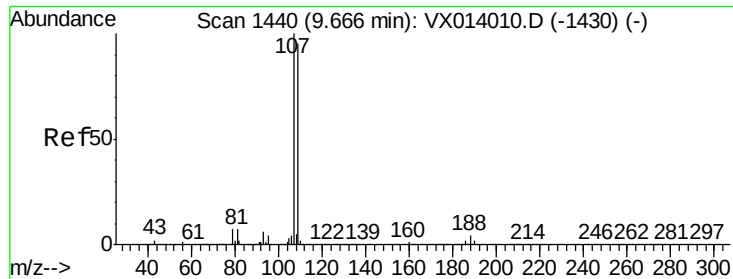
apatel
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#60
Dibromochloromethane
Concen: 51.997 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion: 129 Resp: 310740
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.841 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 312740

Ion Ratio Lower Upper

107 100

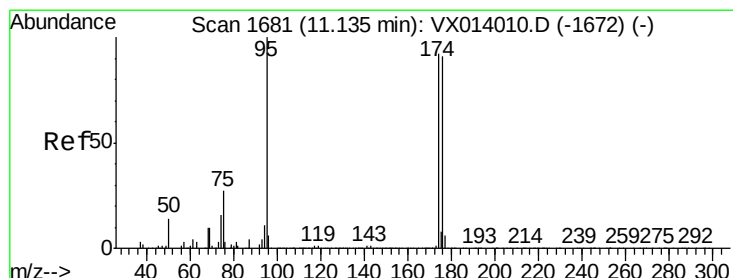
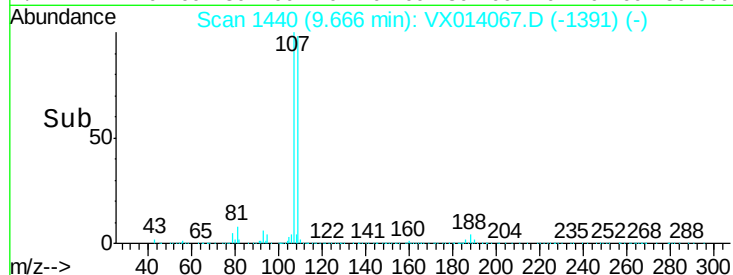
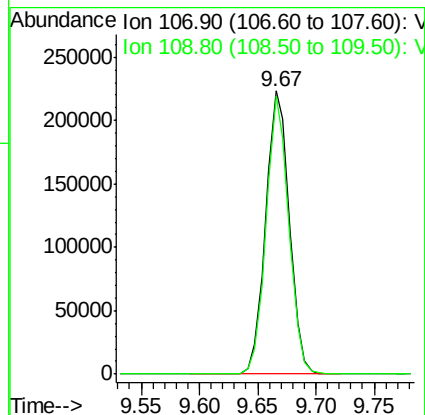
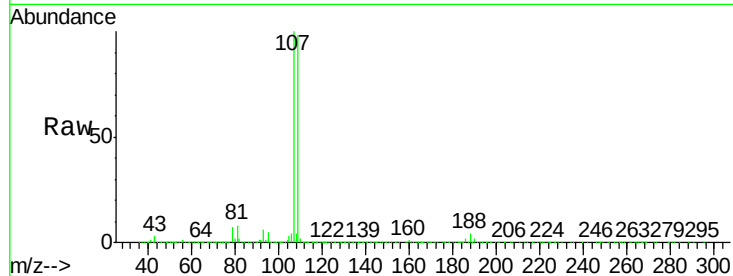
109 94.2 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.055 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

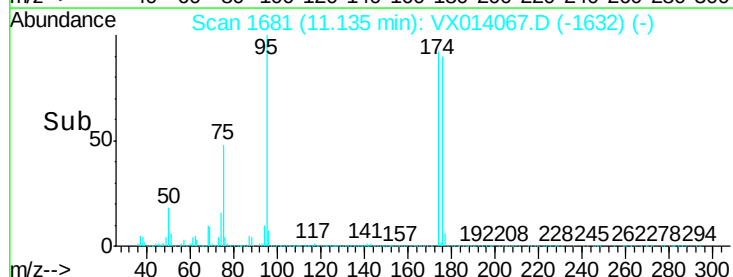
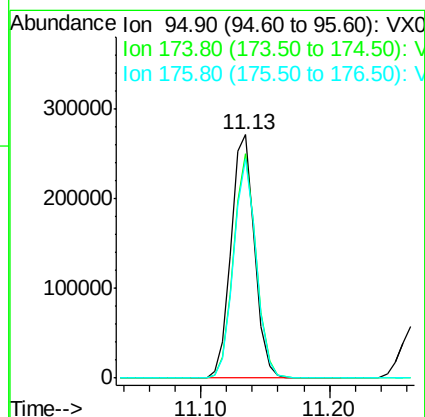
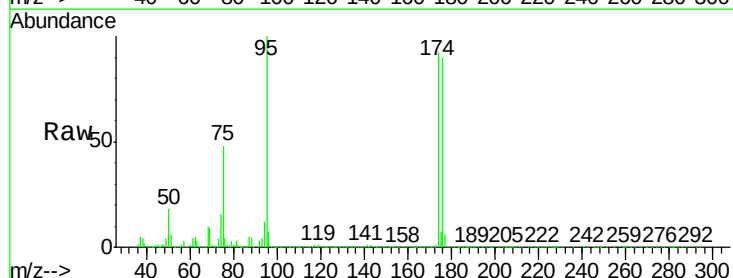
Tgt Ion: 95 Resp: 349477

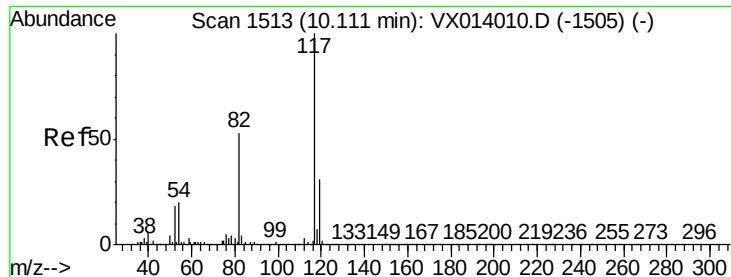
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 86.7 0.0 173.0





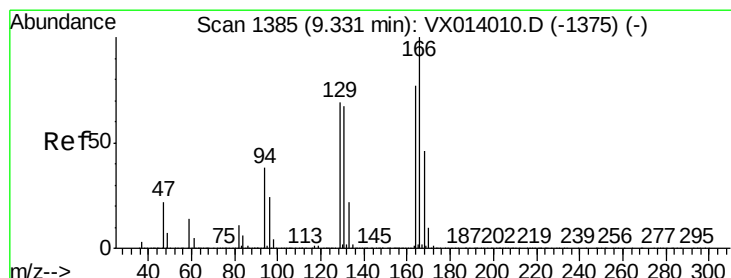
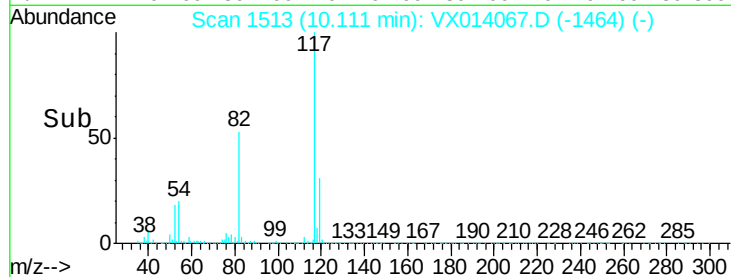
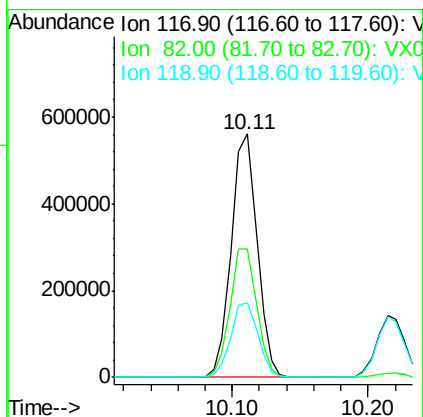
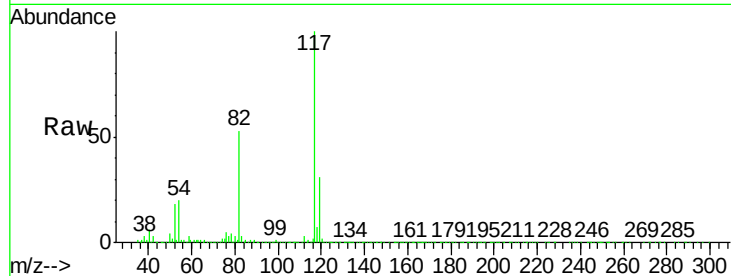
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.8	42.2	63.4
119	30.9	25.1	37.7

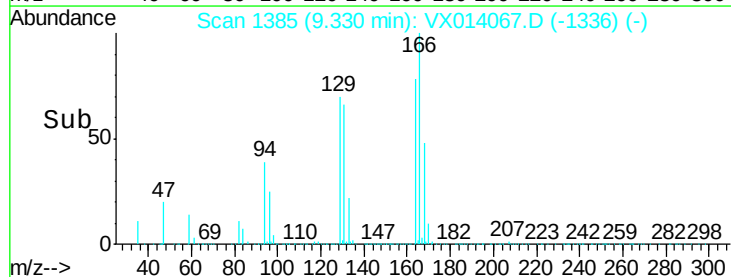
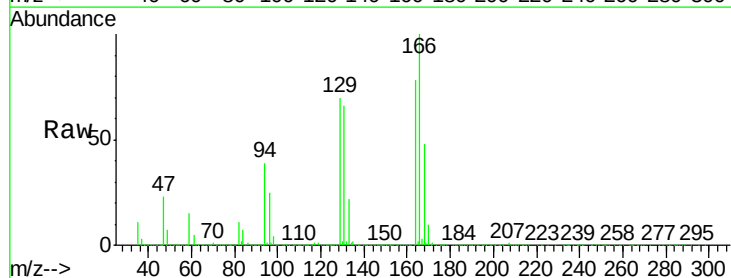
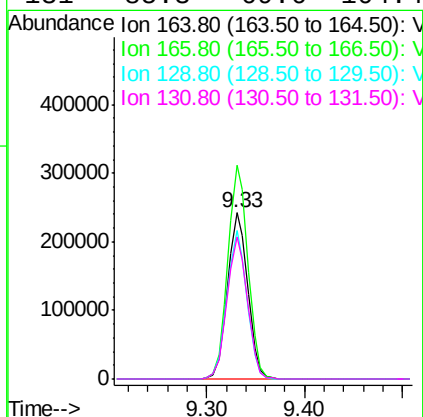
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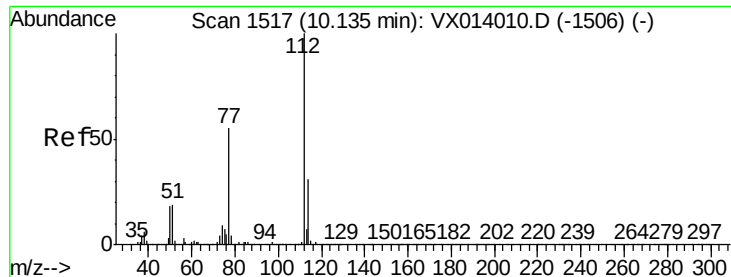
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#64
Tetrachloroethene
Concen: 52.526 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.4	104.0	156.0
129	89.5	72.2	108.4
131	85.3	69.6	104.4





#65

Chlorobenzene

Concen: 49.320 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 783953

Ion Ratio Lower Upper

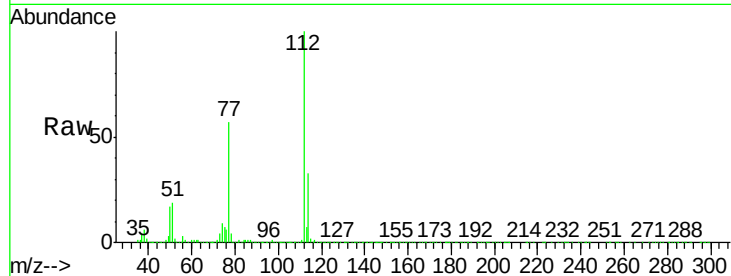
112 100

114 32.6 24.9 37.3

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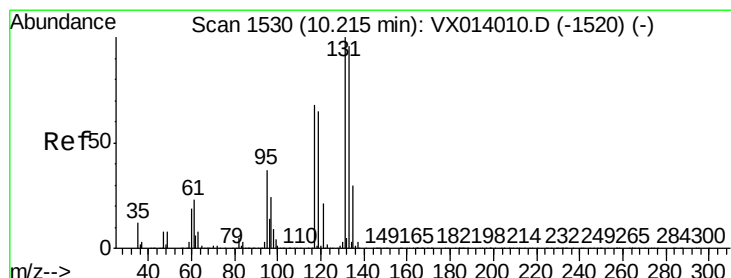
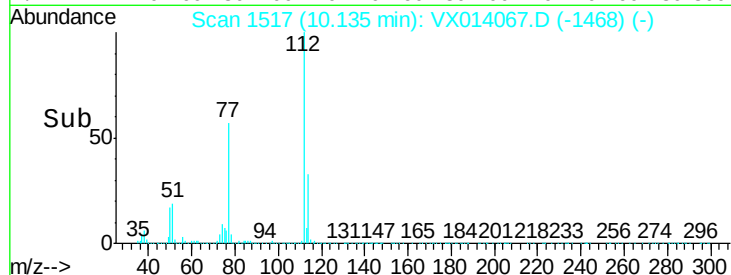
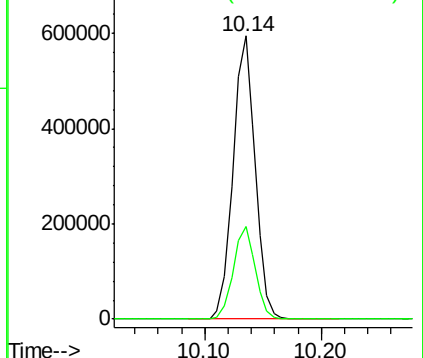
apatel

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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: 51.106 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

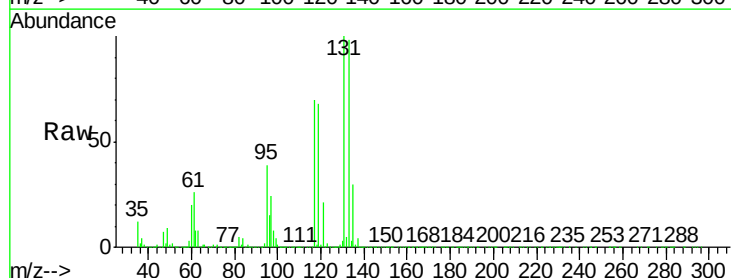
Tgt Ion:131 Resp: 290051

Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

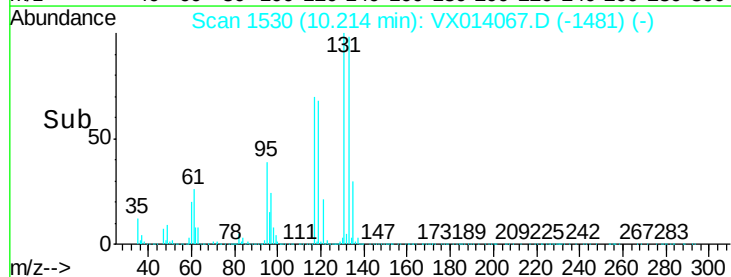
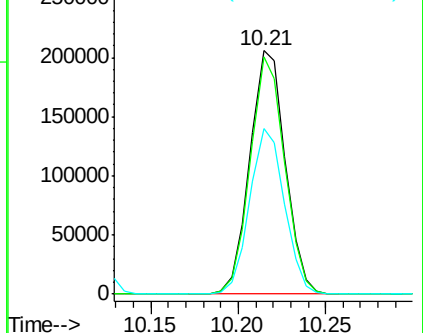
119 66.5 33.4 100.2

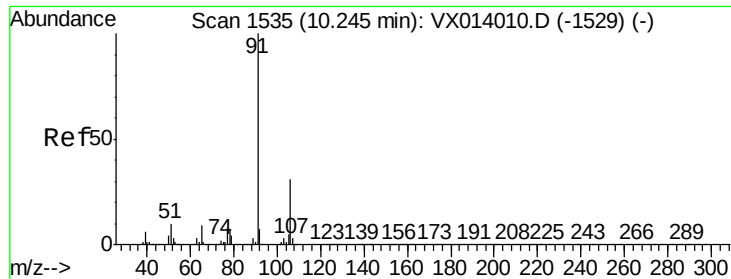


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.909 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1391210

Ion Ratio Lower Upper

91 100

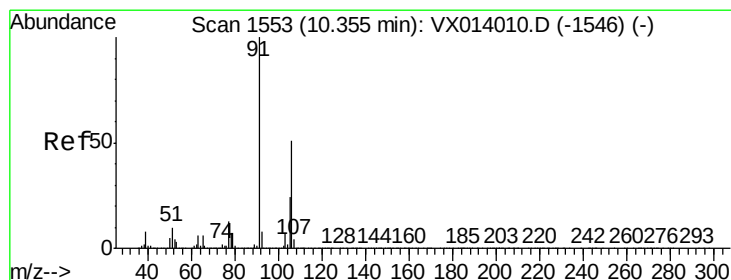
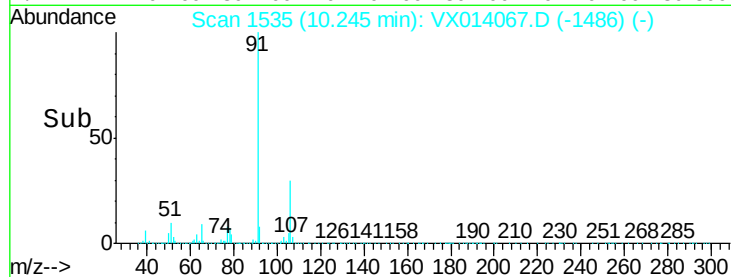
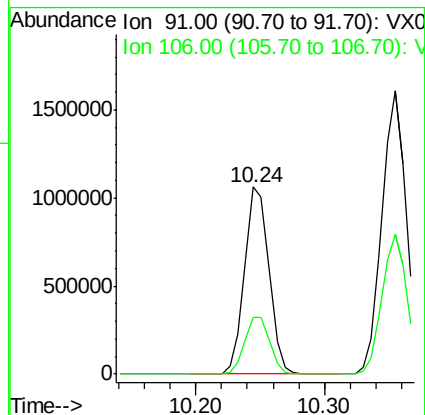
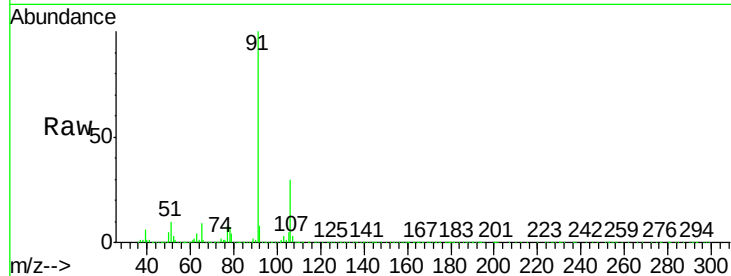
106 30.5 25.0 37.6

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#68

m/p-Xylenes

Concen: 100.463 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014067.D

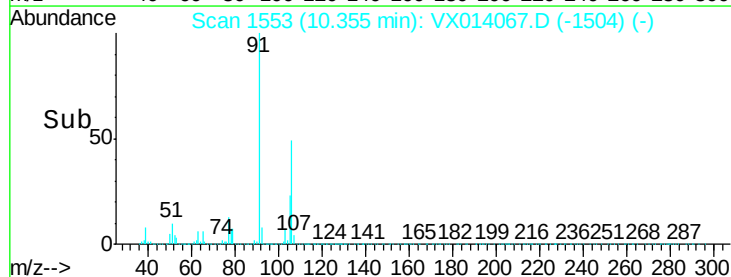
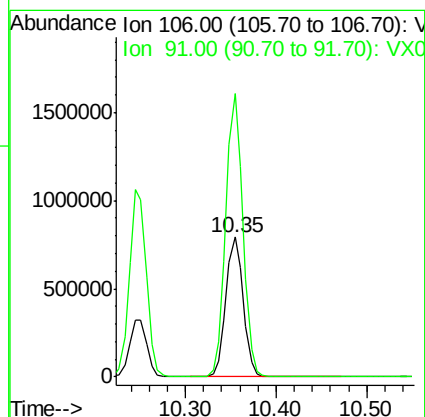
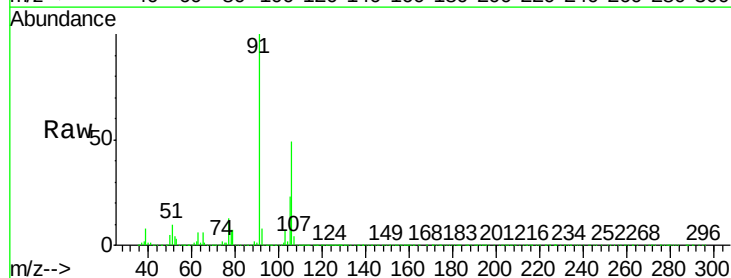
Acq: 17 Dec 2019 21:15

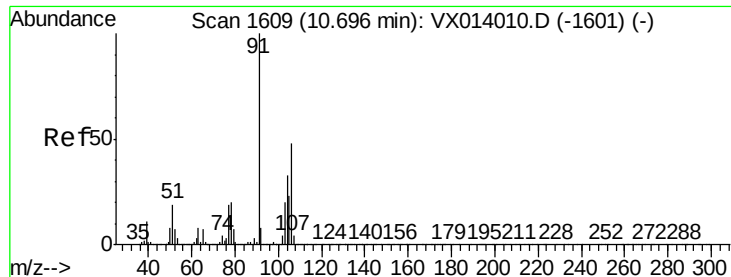
Tgt Ion: 106 Resp: 1055923

Ion Ratio Lower Upper

106 100

91 199.8 158.6 238.0





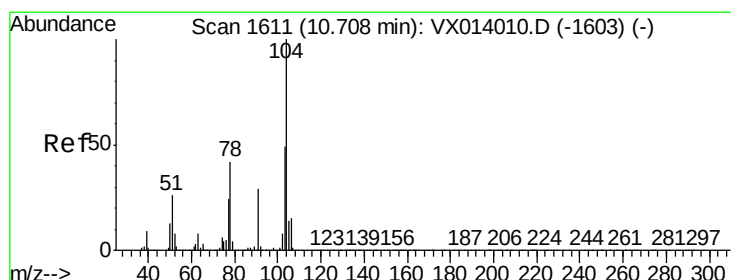
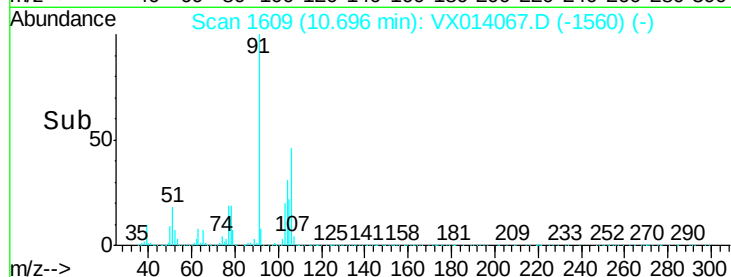
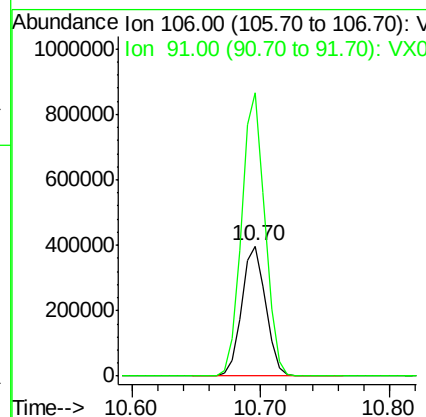
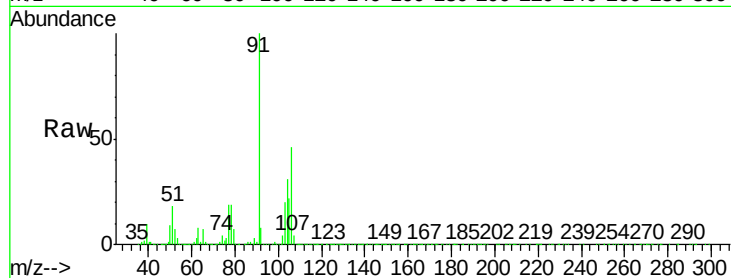
#69
o-Xylene
Concen: 49.663 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 511942
Ion Ratio Lower Upper
106 100
91 212.8 104.2 312.6

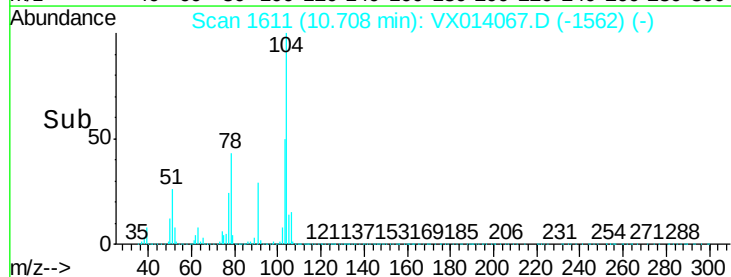
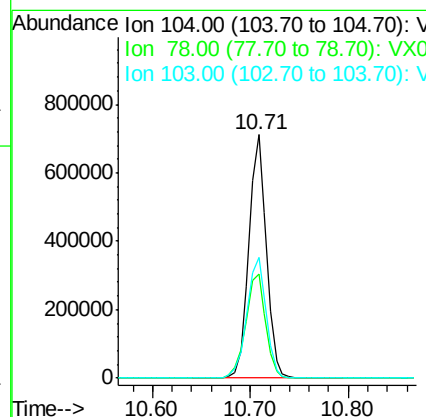
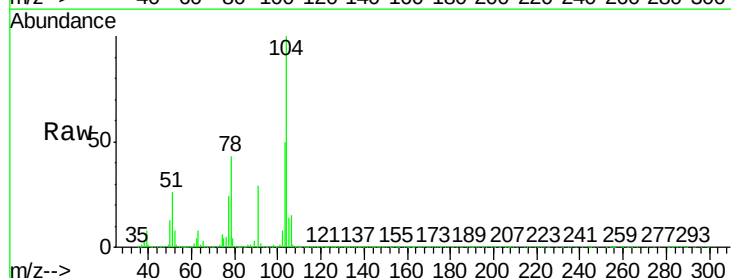
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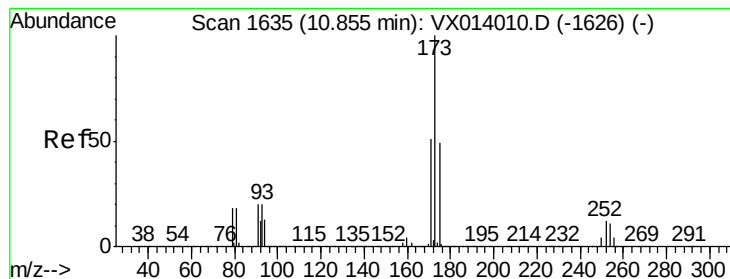
apatel
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#70
Styrene
Concen: 50.601 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion:104 Resp: 882027
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.5 42.9 64.3





#71

Bromoform

Concen: 52.140 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 237871

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.4

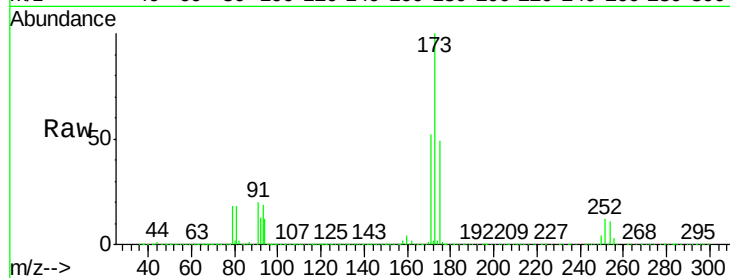
254 0.2 0.2 0.2

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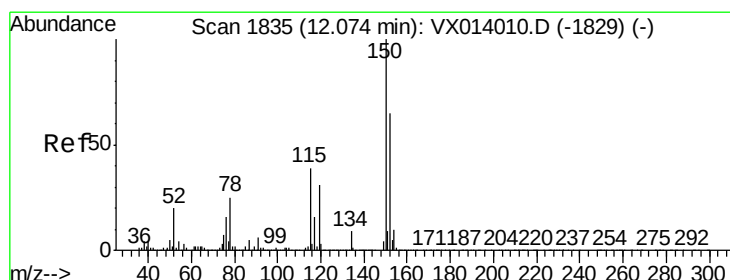
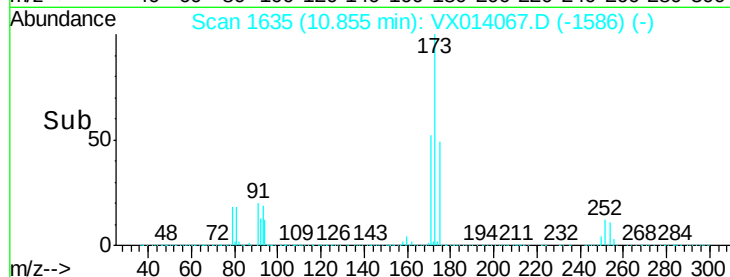
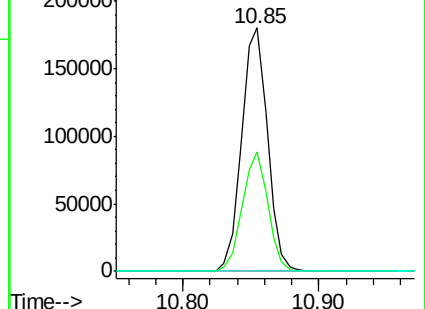
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

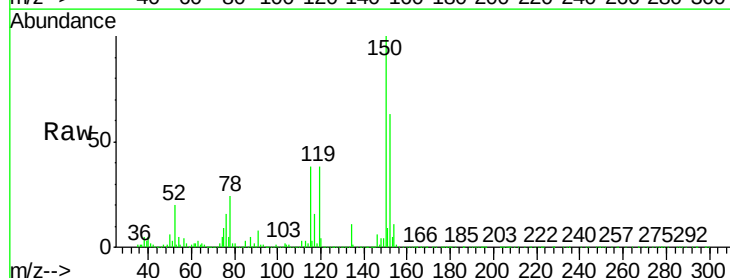
Tgt Ion:152 Resp: 369979

Ion Ratio Lower Upper

152 100

115 78.4 38.3 114.9

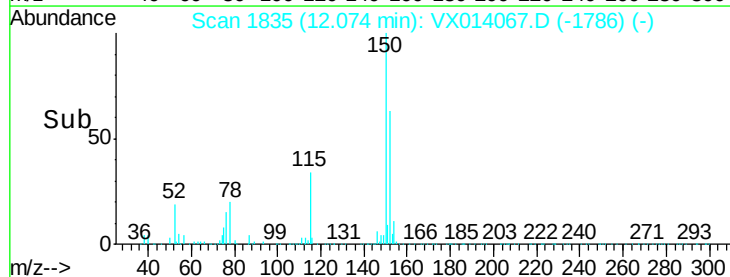
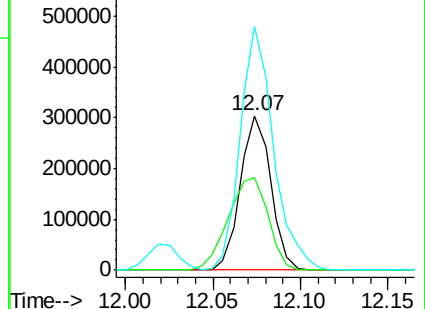
150 171.5 0.0 345.4

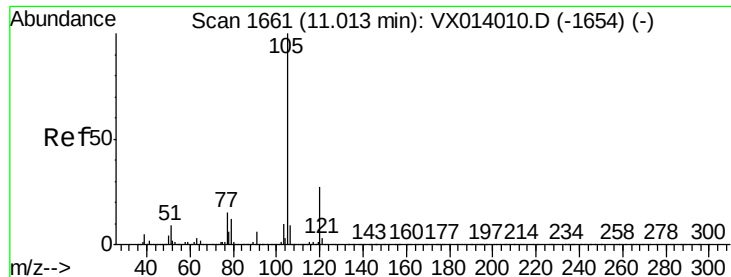


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.953 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1353338

Ion Ratio Lower Upper

105 100

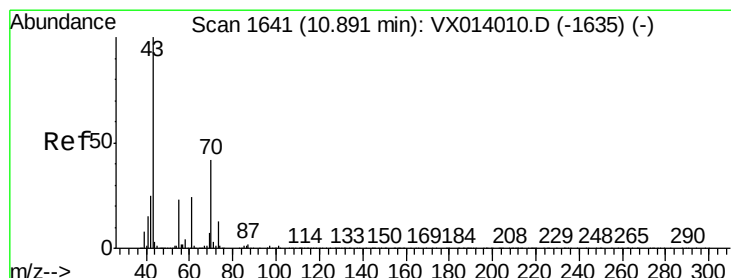
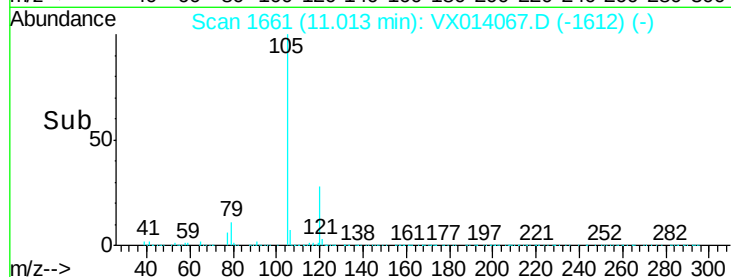
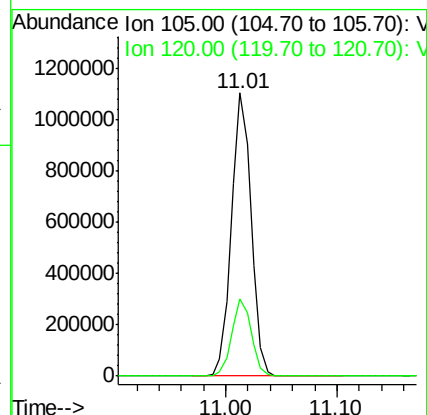
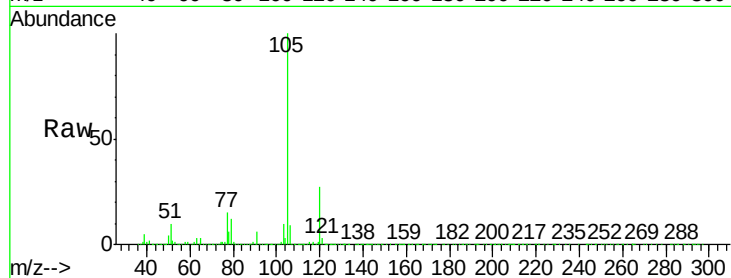
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 53.442 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion: 43 Resp: 652548

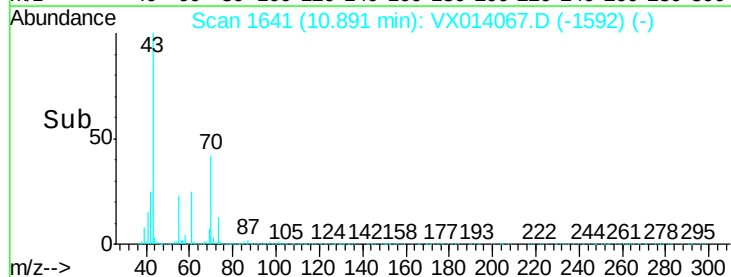
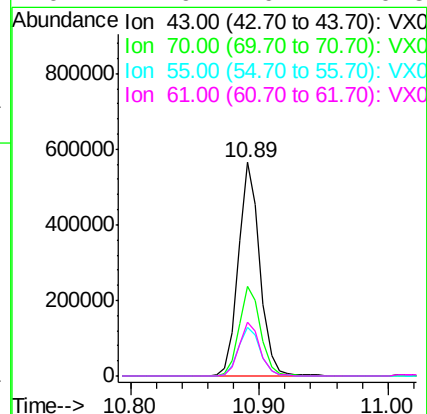
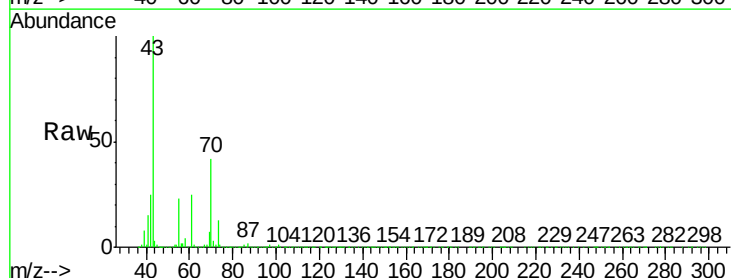
Ion Ratio Lower Upper

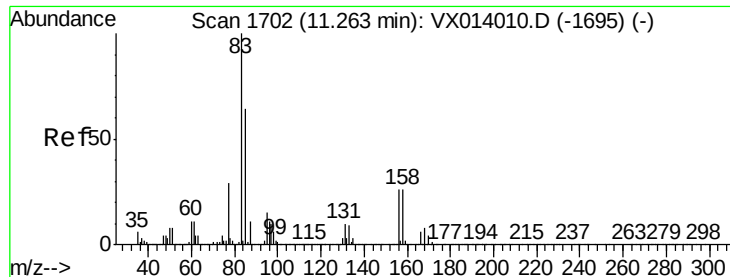
43 100

70 42.3 34.4 51.6

55 23.7 19.1 28.7

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.955 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

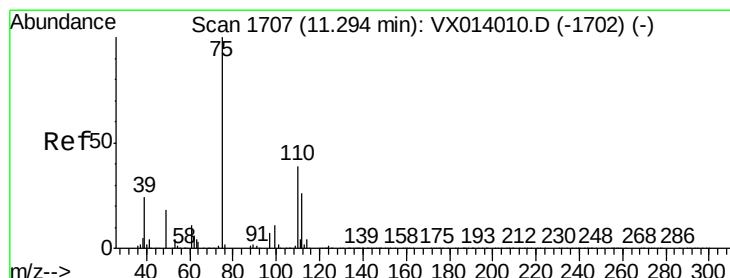
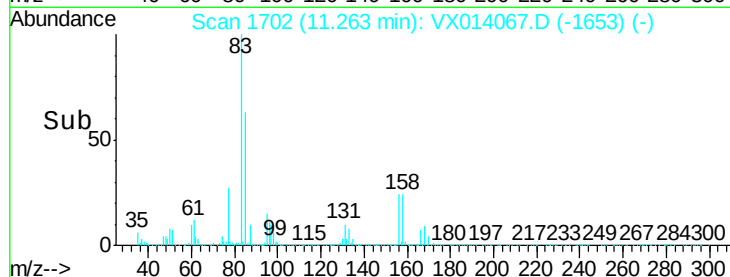
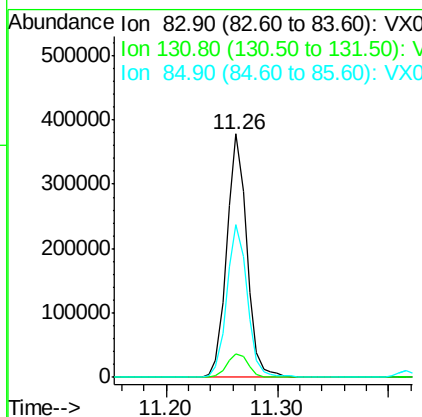
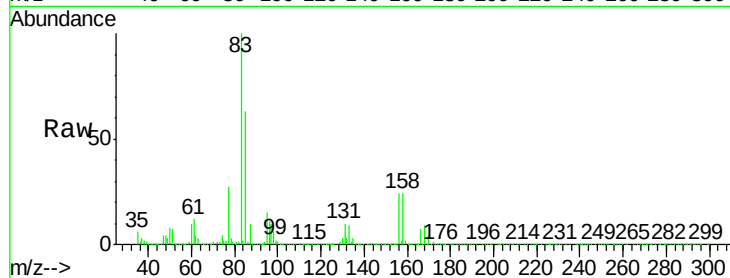
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	469206
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 54.121 ug/l m

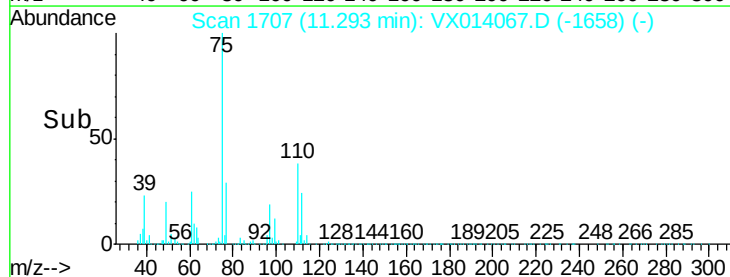
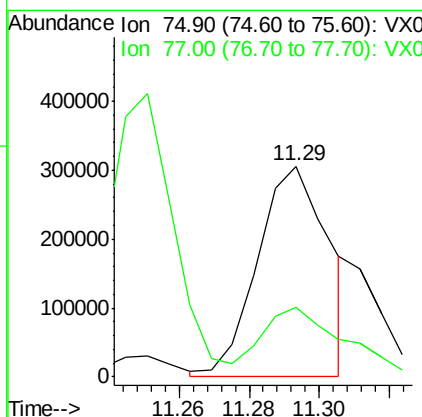
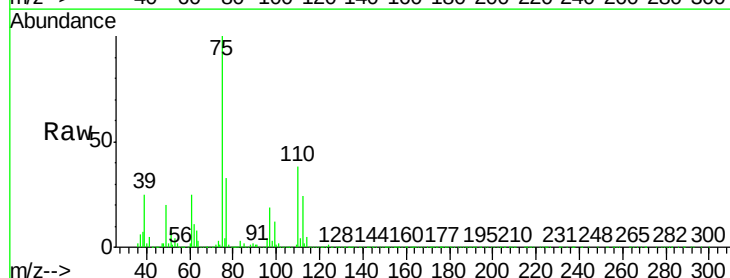
RT: 11.29 min Scan# 1707

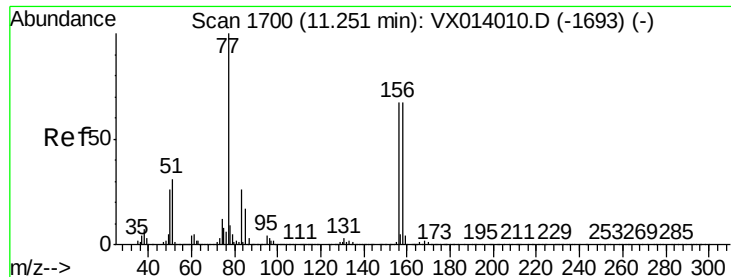
Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion:	75	Resp:	434711
Ion Ratio	Lower	Upper	
75	100		
77	38.4	19.3	57.8





#77

Bromobenzene

Concen: 48.549 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

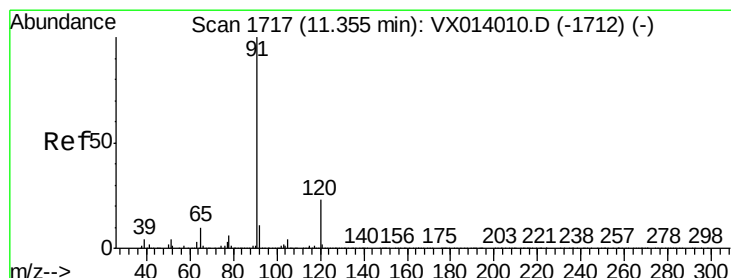
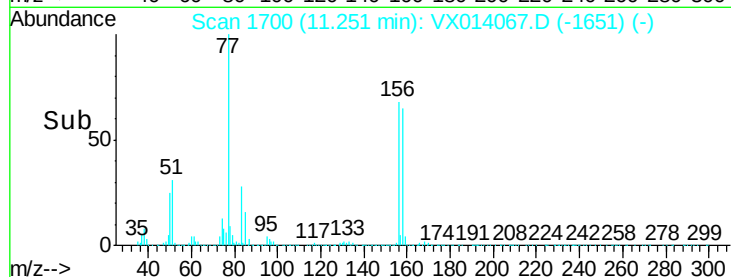
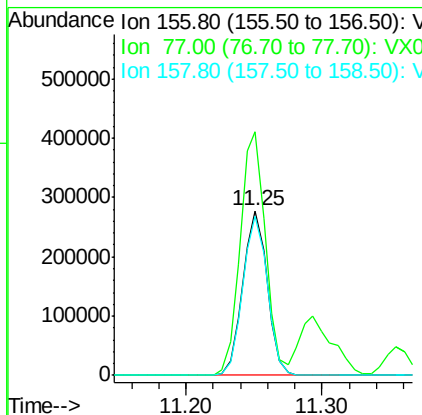
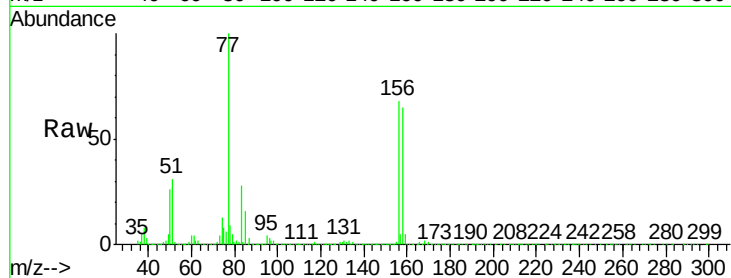
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	347958
Ion Ratio	Lower	Upper	
156	100		
77	153.0	76.5	229.5
158	97.4	49.3	147.9

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#78

n-propylbenzene

Concen: 52.151 ug/l

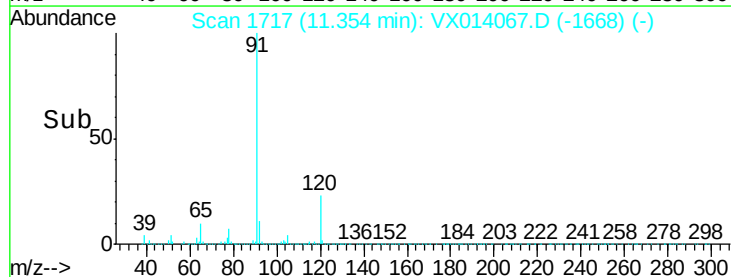
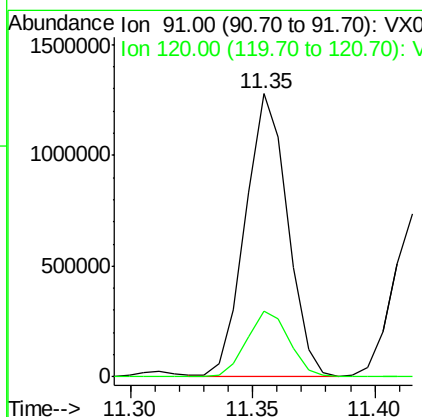
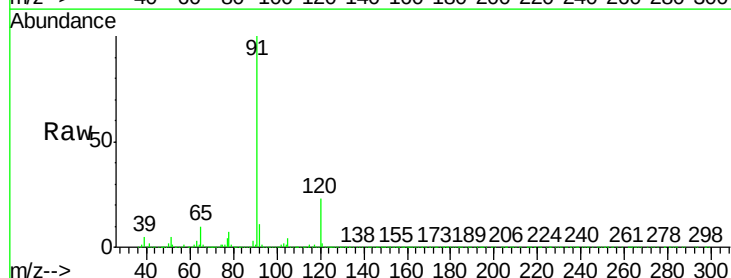
RT: 11.35 min Scan# 1717

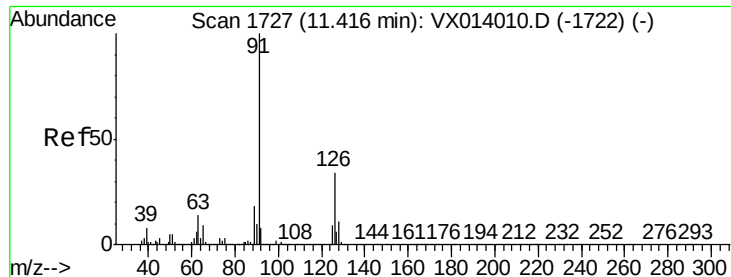
Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Tgt Ion:	91	Resp:	1523806
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 50.773 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 901803

Ion Ratio Lower Upper

91 100

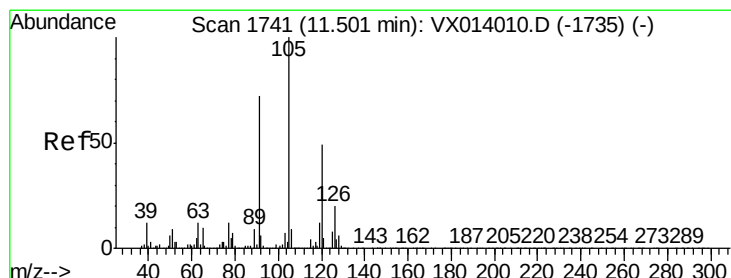
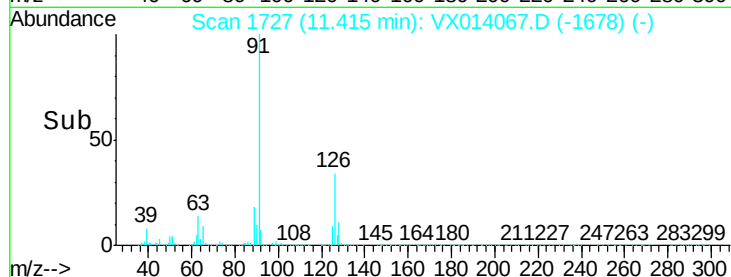
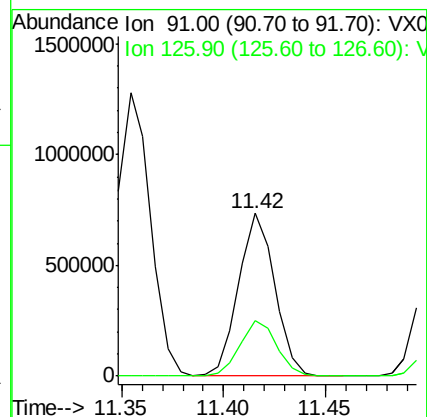
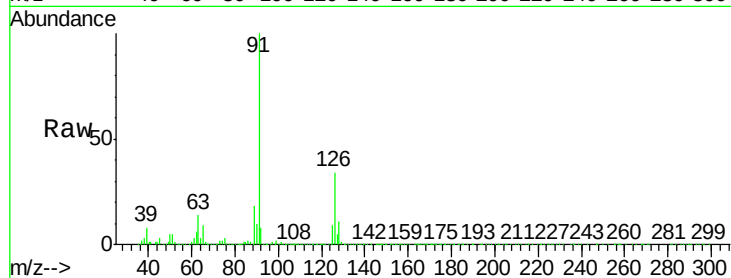
126 34.8 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.385 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014067.D

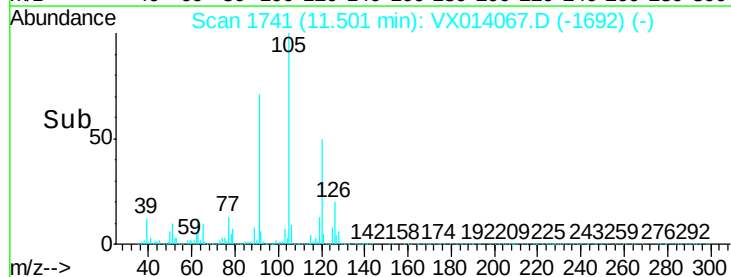
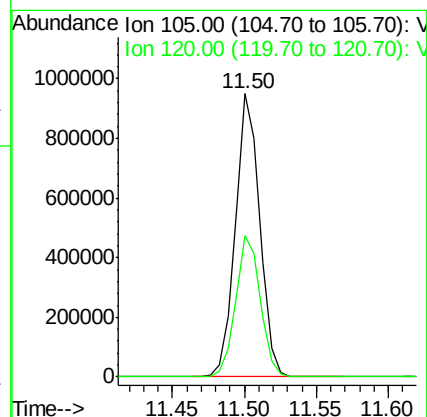
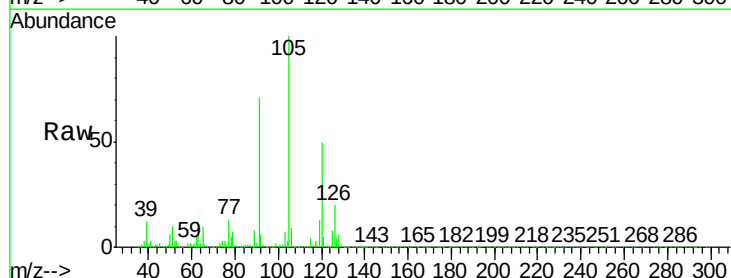
Acq: 17 Dec 2019 21:15

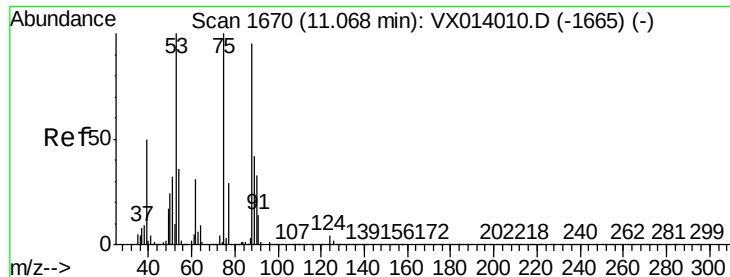
Tgt Ion: 105 Resp: 1126525

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





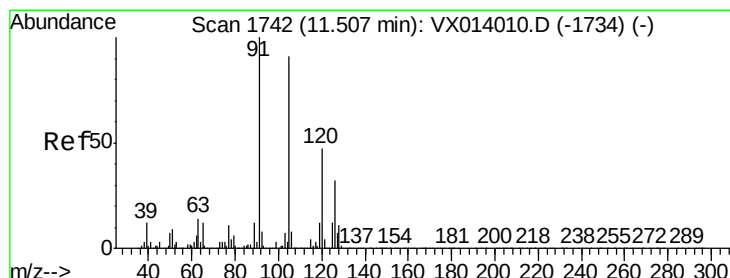
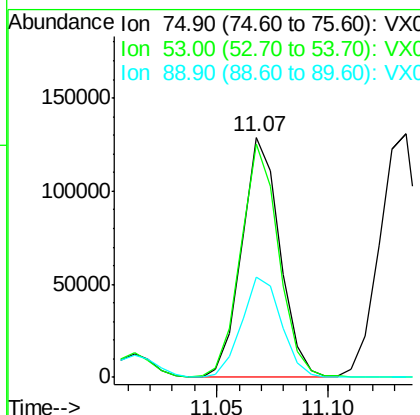
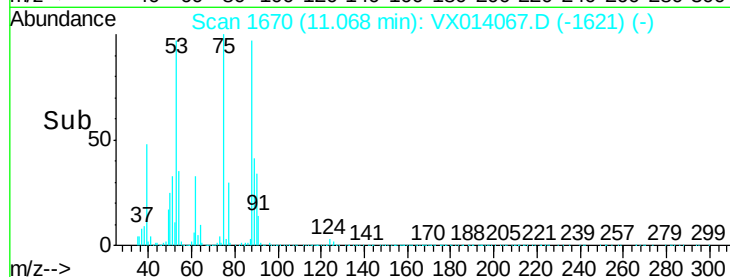
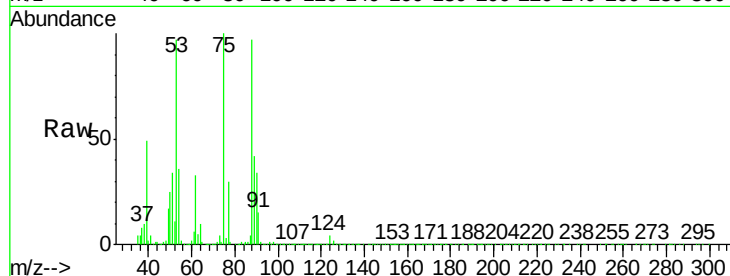
#81
trans-1,4-Dichloro-2-butene
Concen: 54.042 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	76.7	115.1
89	43.9	34.6	51.8

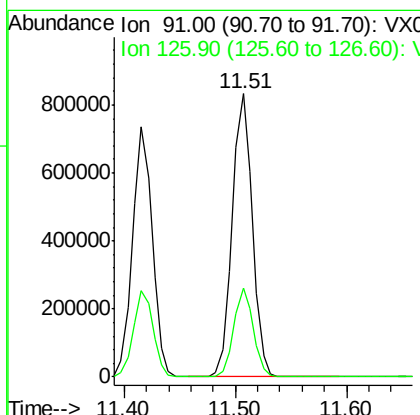
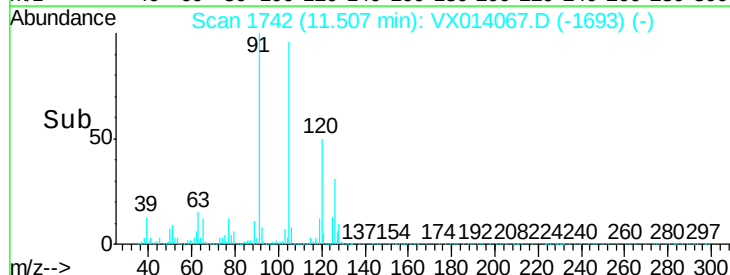
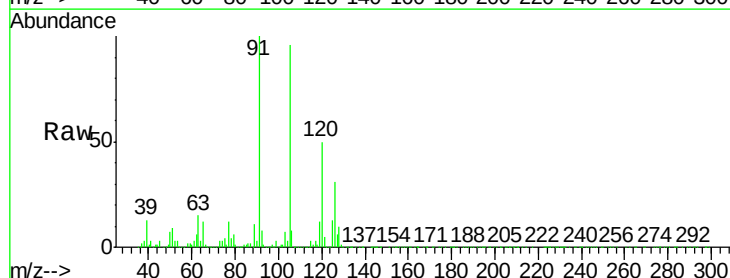
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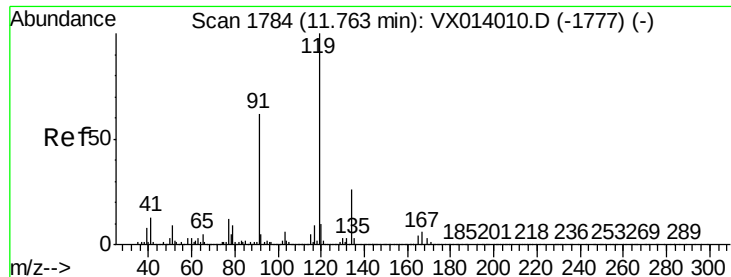
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#82
4-Chlorotoluene
Concen: 50.457 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.6	46.8





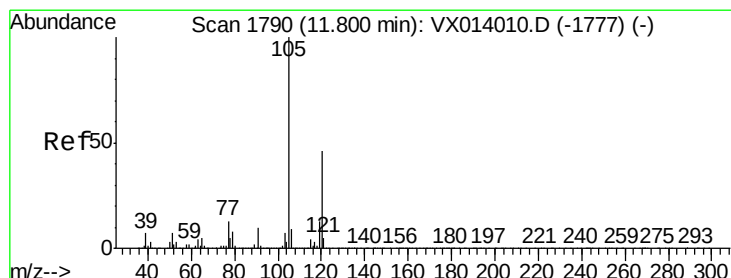
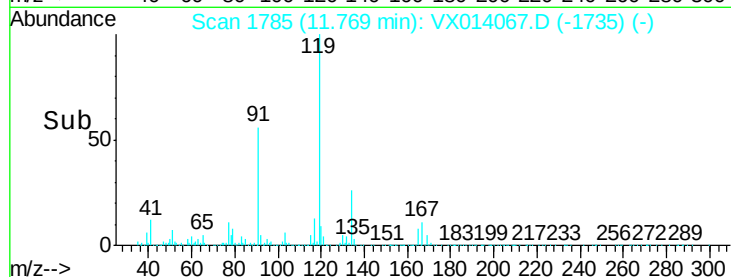
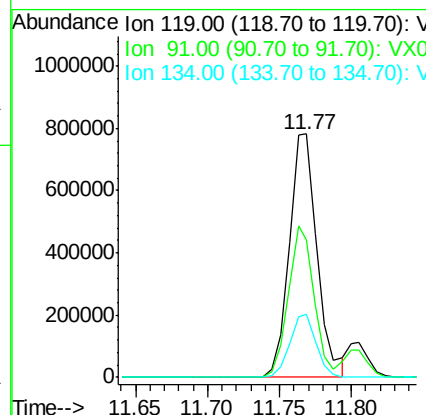
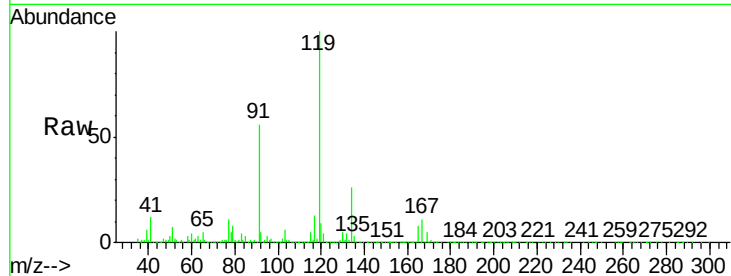
#83
tert-Butylbenzene
Concen: 49.941 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
119	119	100		
91	91	57.2	28.5	85.6
134	134	24.5	12.2	36.6

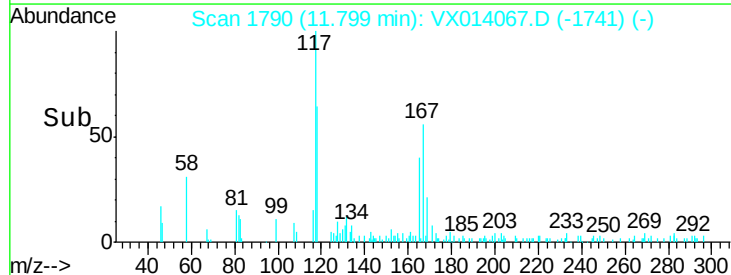
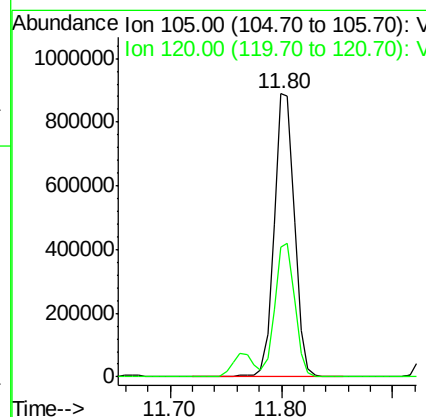
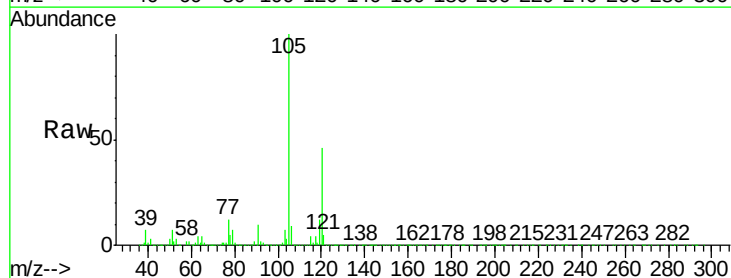
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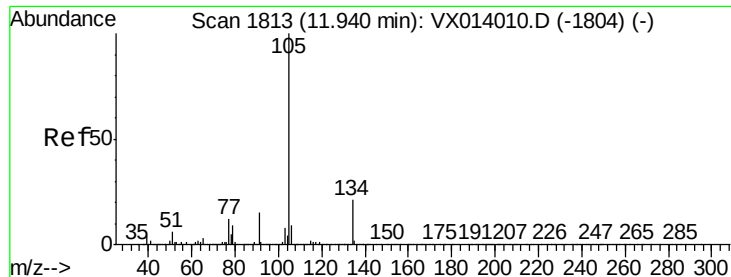
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#84
1,2,4-Trimethylbenzene
Concen: 51.410 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ion	Ratio	Lower	Upper
105	105	100		
120	120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 51.381 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1294097

Ion Ratio Lower Upper

105 100

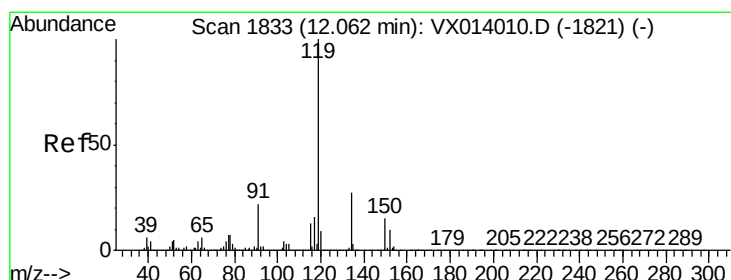
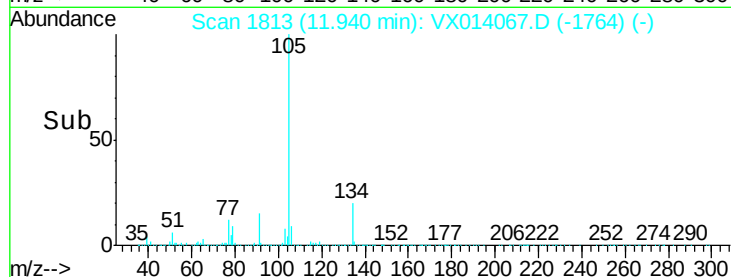
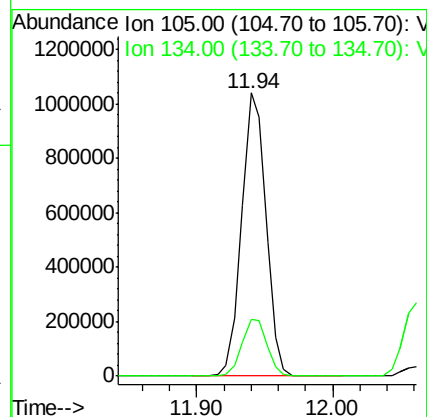
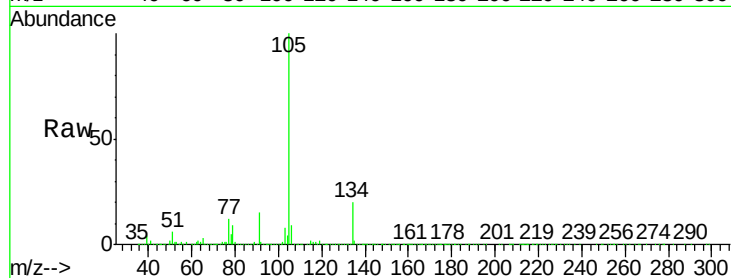
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 51.844 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014067.D

Acq: 17 Dec 2019 21:15

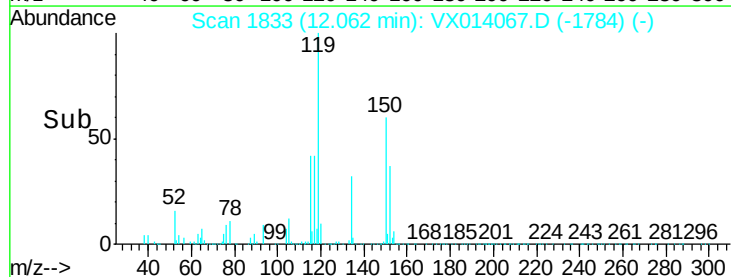
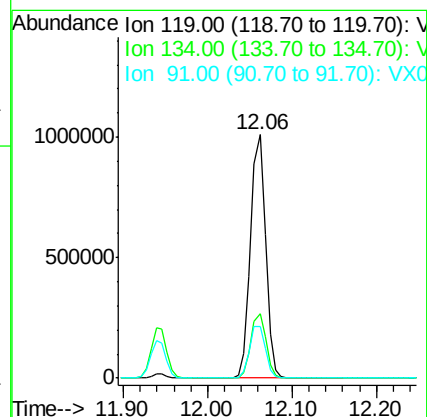
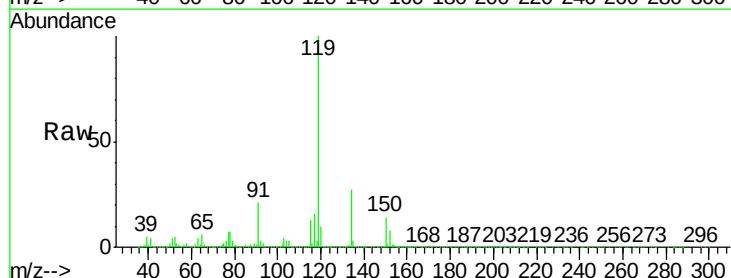
Tgt Ion:119 Resp: 1194436

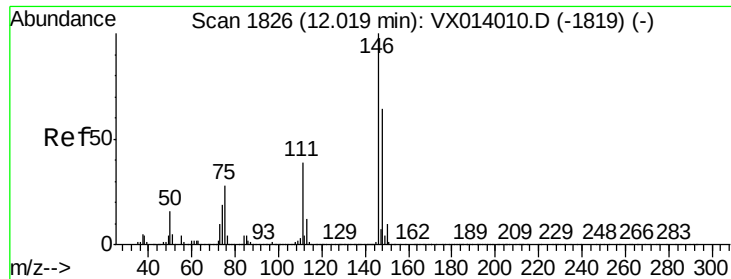
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.3 11.4 34.1





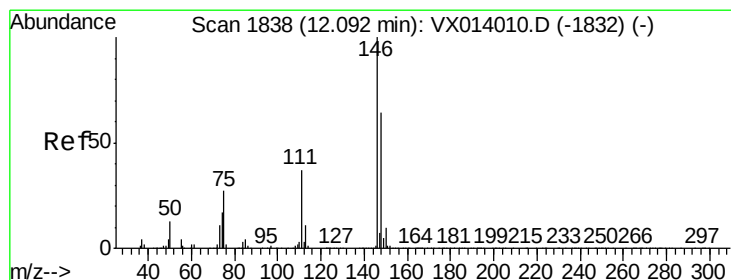
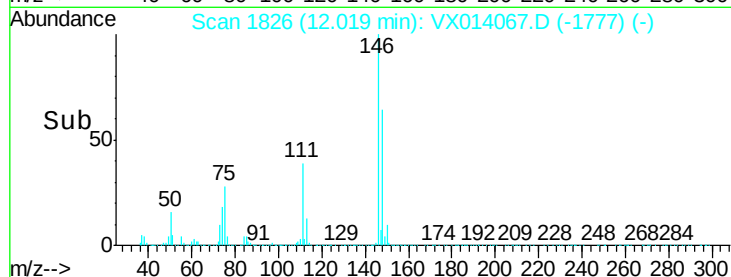
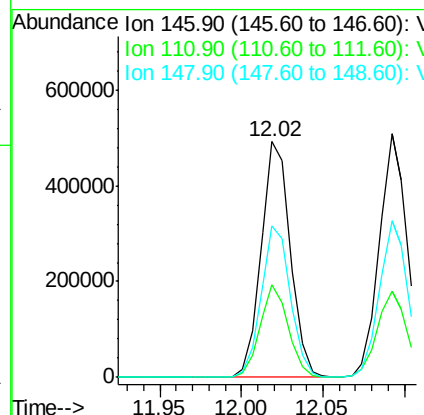
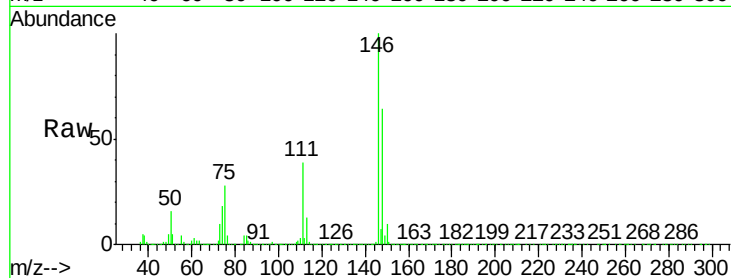
#87
 1,3-Dichlorobenzene
 Concen: 48.739 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014067.D
 Acq: 17 Dec 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.1	32.3	96.9

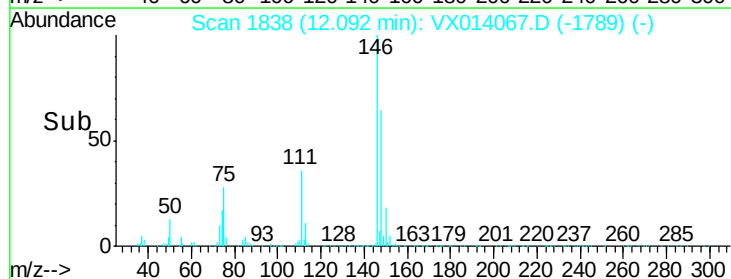
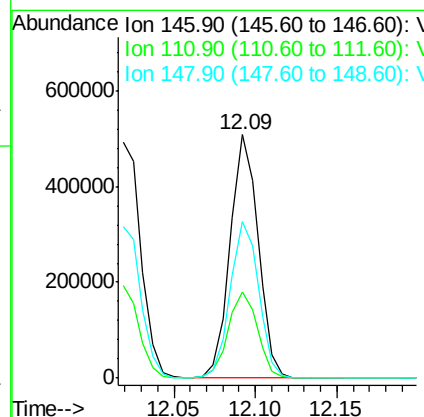
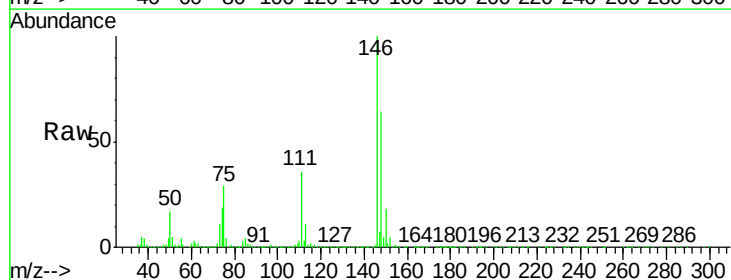
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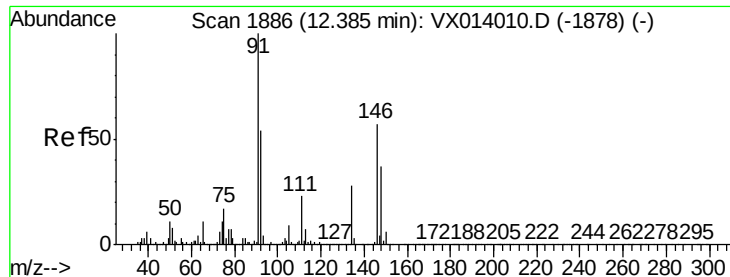
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#88
 1,4-Dichlorobenzene
 Concen: 47.508 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014067.D
 Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	65.3	31.9	95.9





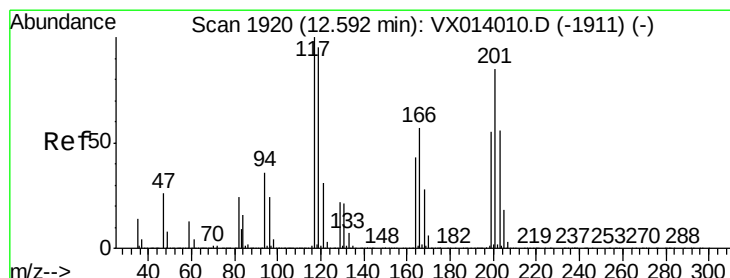
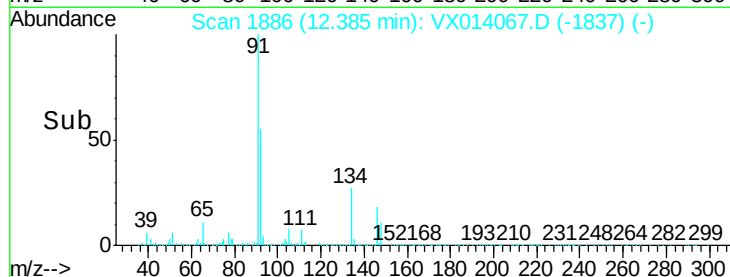
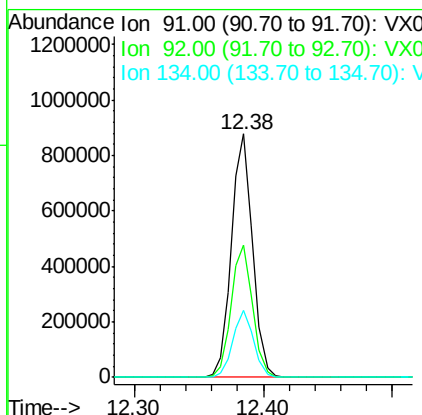
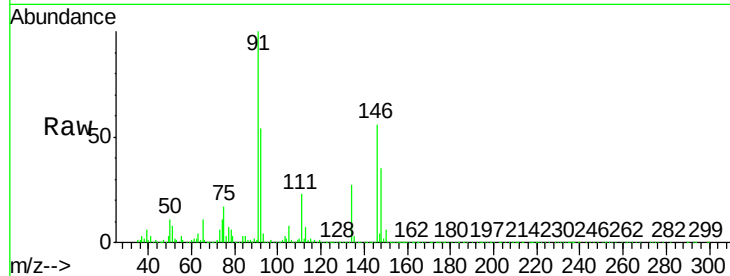
#89
n-Butylbenzene
Concen: 51.480 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	26.9	13.4	40.1

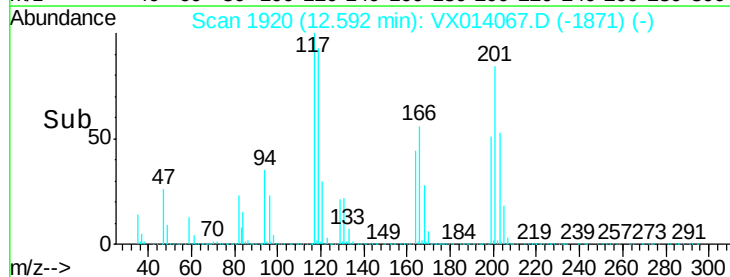
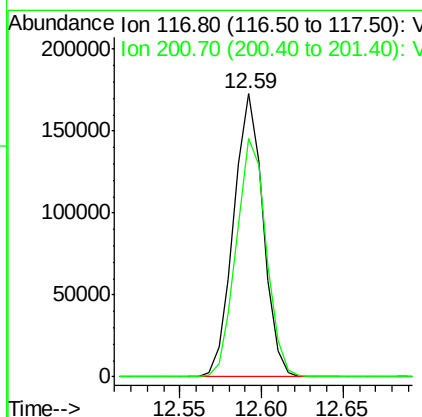
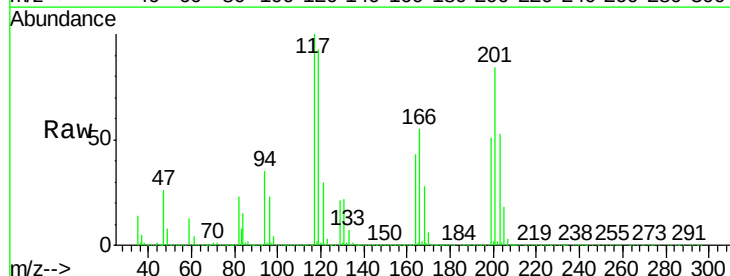
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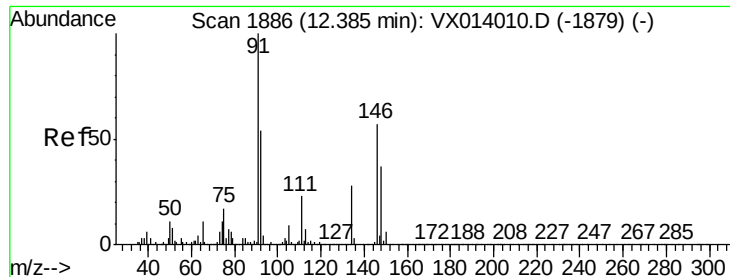
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#90
Hexachloroethane
Concen: 52.339 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	43.1	129.3





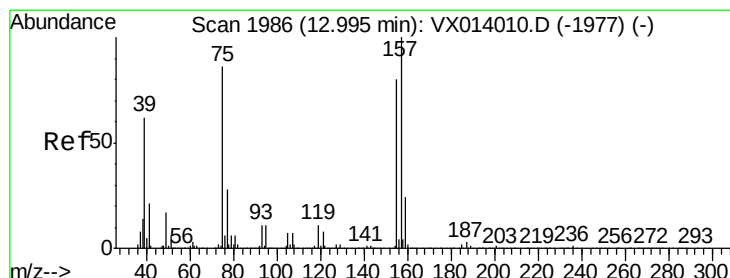
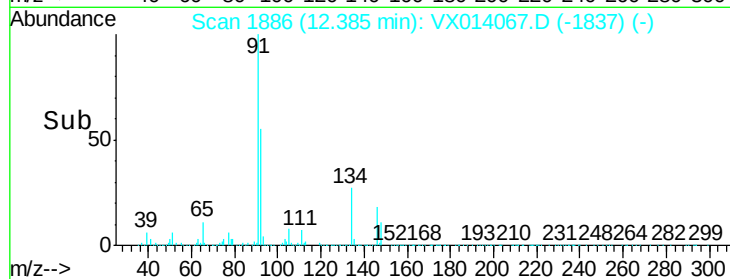
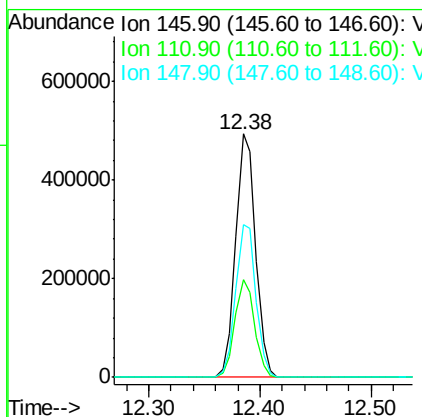
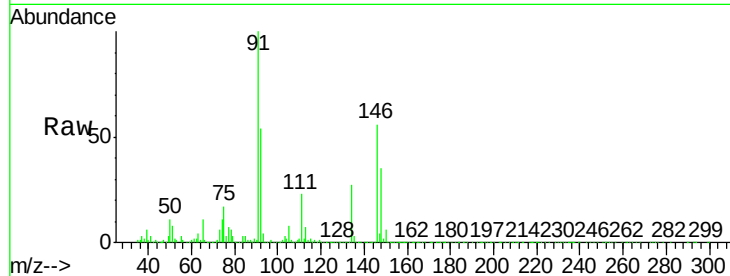
#91
 1,2-Dichlorobenzene
 Concen: 48.508 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014067.D
 Acq: 17 Dec 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	63.7	32.1	96.5

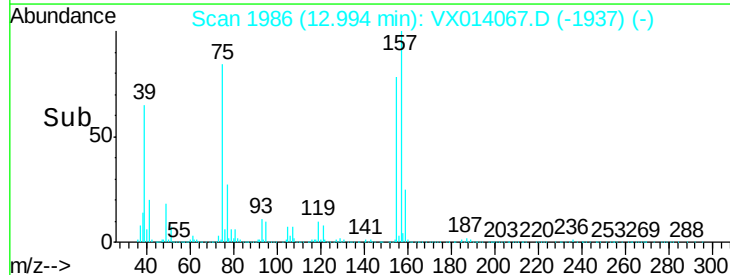
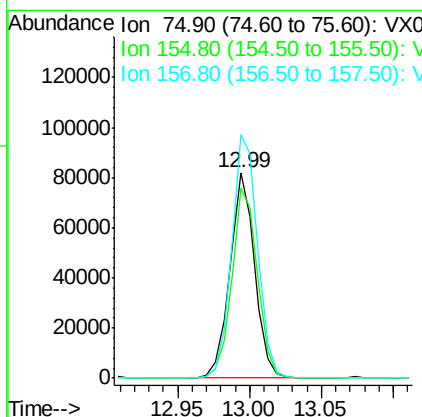
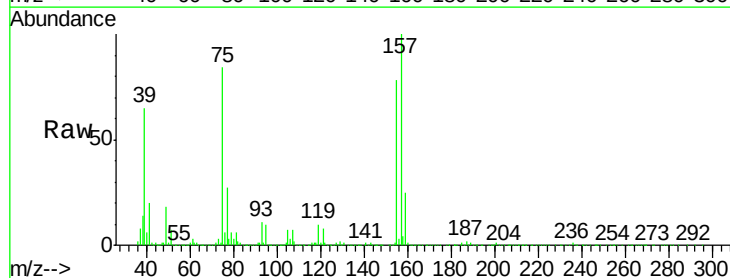
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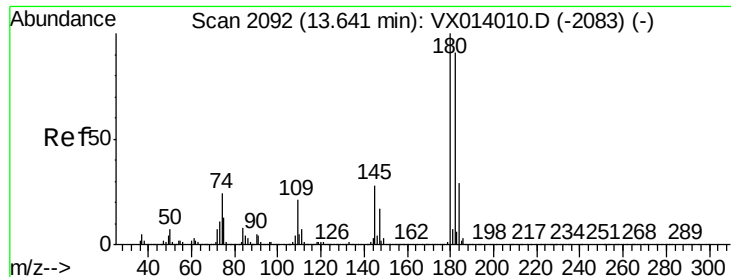
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.986 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014067.D
 Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	46.9	140.6
157	124.6	60.8	182.4





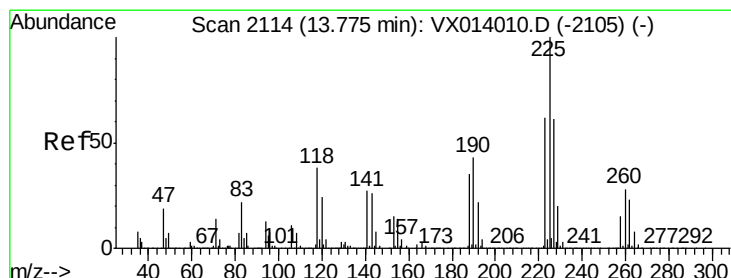
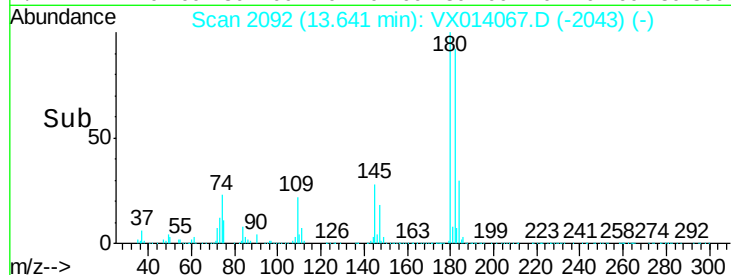
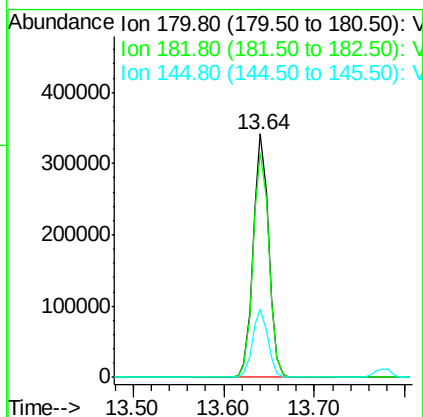
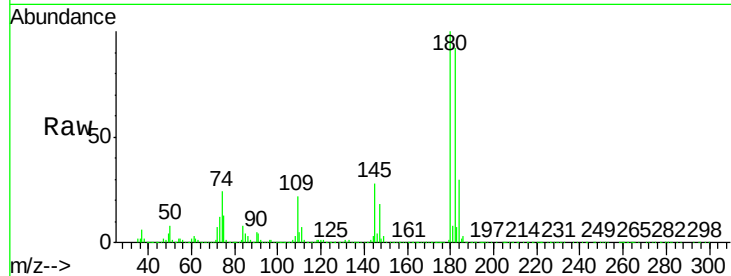
#93
1,2,4-Trichlorobenzene
Concen: 48.800 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	401067		
182	95.2	46.6	139.8	
145	28.1	14.2	42.6	

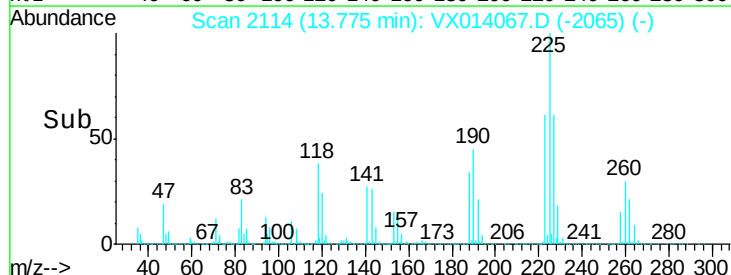
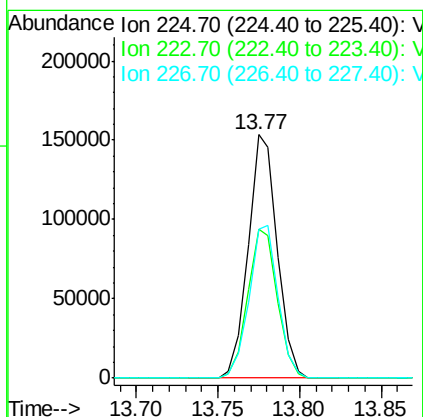
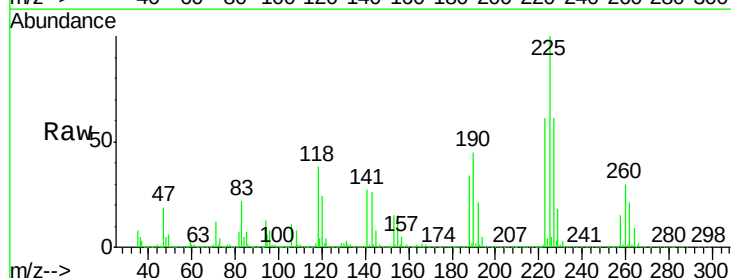
Manual Integrations
APPROVED

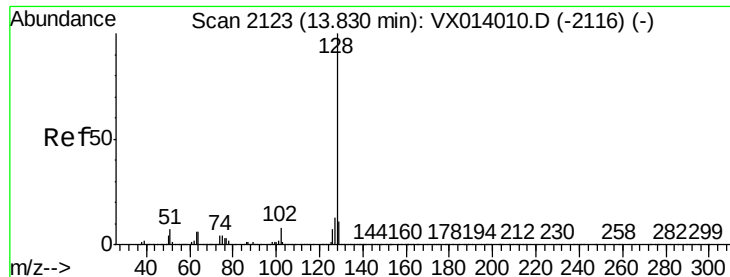
apatel
12/18/2019 11:04:39 AM



#94
Hexachlorobutadiene
Concen: 48.297 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190767		
223	62.2	30.9	92.5	
227	62.9	30.9	92.7	





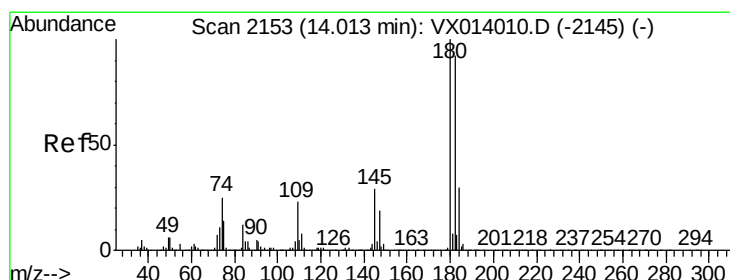
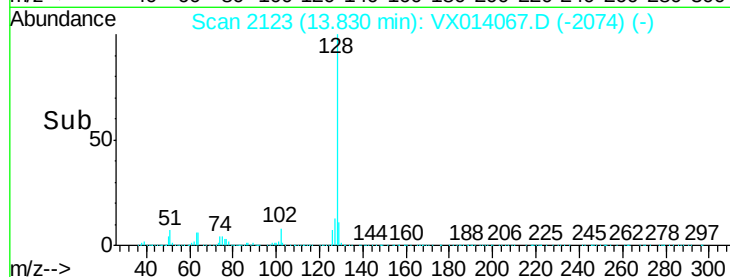
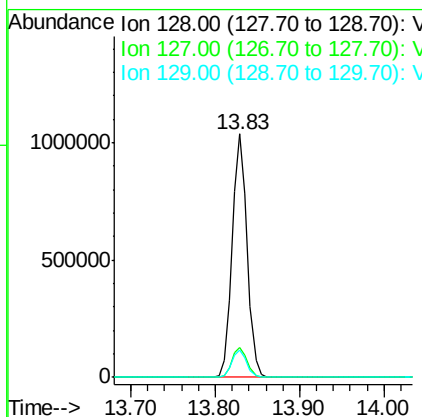
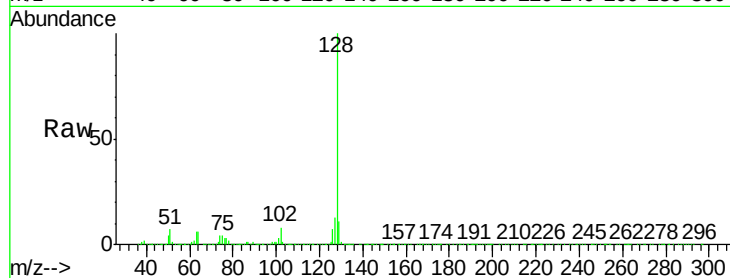
#95
Naphthalene
Concen: 51.984 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/18/2019 11:04:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.135 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014067.D
Acq: 17 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.8	140.3
145	30.0	14.8	44.4

