

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122419\
 Data File : VX014257.D
 Acq On : 24 Dec 2019 19:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:53 AM

Quant Time: Dec 25 08:34:03 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	490919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	766847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	692634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336614	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	283267	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.49	113	238392	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	8.71	98	921571	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.14	95	328617	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	191630	43.633	ug/l	98
3) Chloromethane	1.32	50	272040	46.155	ug/l	100
4) Vinyl Chloride	1.40	62	293106	47.129	ug/l	99
5) Bromomethane	1.63	94	211460	47.905	ug/l	100
6) Chloroethane	1.72	64	188734	49.170	ug/l	95
7) Trichlorofluoromethane	1.92	101	373508	48.515	ug/l	99
8) Diethyl Ether	2.18	74	174275	48.233	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227519	49.025	ug/l	99
10) Methyl Iodide	2.50	142	301744	49.340	ug/l	98
11) Tert butyl alcohol	3.03	59	287467	239.112	ug/l	98
12) 1,1-Dichloroethene	2.37	96	226630	47.991	ug/l	99
13) Acrolein	2.28	56	178766	259.761	ug/l	100
14) Allyl chloride	2.72	41	421239	49.959	ug/l	99
15) Acrylonitrile	3.13	53	736481	262.458	ug/l	100
16) Acetone	2.43	43	615107	170.288	ug/l	99
17) Carbon Disulfide	2.56	76	588499	44.966	ug/l	100
18) Methyl Acetate	2.76	43	398696	55.702	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	801557	51.654	ug/l	98
20) Methylene Chloride	2.85	84	269133	47.315	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	250494	48.148	ug/l	99
22) Diisopropyl ether	3.84	45	868434	51.686	ug/l	92
23) Vinyl Acetate	3.80	43	2413080	175.991	ug/l	99
24) 1,1-Dichloroethane	3.69	63	464894	49.732	ug/l	99
25) 2-Butanone	4.65	43	1019333	228.891	ug/l	99
26) 2,2-Dichloropropane	4.58	77	318459	43.878	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	295402	50.206	ug/l	98
28) Bromochloromethane	5.00	49	197228	54.816	ug/l	97
29) Tetrahydrofuran	5.11	42	658534	264.378	ug/l	99
30) Chloroform	5.20	83	454273	51.263	ug/l	97
31) Cyclohexane	5.57	56	408422	49.124	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	378736	50.147	ug/l	98
36) 1,1-Dichloropropene	5.79	75	338751	48.144	ug/l	99
37) Ethyl Acetate	4.82	43	395213	50.864	ug/l	100
38) Carbon Tetrachloride	5.78	117	319853	49.899	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	408960	47.071	ug/l	99
40) Benzene	6.14	78	1057065	48.826	ug/l	99
41) Methacrylonitrile	5.03	41	221329	51.338	ug/l	99
42) 1,2-Dichloroethane	6.18	62	358762	48.886	ug/l	100
43) Isopropyl Acetate	6.43	43	654767	50.919	ug/l	100
44) Trichloroethene	7.21	130	303813	50.806	ug/l	96
45) 1,2-Dichloropropane	7.51	63	281922	50.806	ug/l	98
46) Dibromomethane	7.65	93	177807	48.465	ug/l	99
47) Bromodichloromethane	7.89	83	349454	50.576	ug/l	99
48) Methyl methacrylate	7.76	41	320641	50.922	ug/l	98
49) 1,4-Dioxane	7.73	88	115578	901.972	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2047980	253.599	ug/l	99
52) Toluene	8.78	92	657062	48.016	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	384359	50.732	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	426304	50.507	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	276694	50.450	ug/l	97
56) Ethyl methacrylate	9.17	69	448869	52.102	ug/l	99
57) 1,3-Dichloropropane	9.37	76	460838	49.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	869125	266.579	ug/l	100
59) 2-Hexanone	9.48	43	1555721	239.307	ug/l	99
60) Dibromochloromethane	9.57	129	287251	52.691	ug/l	100
61) 1,2-Dibromoethane	9.67	107	283643	50.547	ug/l	99
64) Tetrachloroethene	9.33	164	417914	68.187	ug/l	96
65) Chlorobenzene	10.14	112	714445	48.512	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	262289	49.880	ug/l	100
67) Ethyl Benzene	10.25	91	1252469	49.467	ug/l	100
68) m/p-Xylenes	10.35	106	955127	98.081	ug/l	100
69) o-Xylene	10.70	106	468386	49.042	ug/l	100
70) Styrene	10.71	104	793101	49.108	ug/l	99
71) Bromoform	10.85	173	216756	51.280	ug/l	# 100
73) Isopropylbenzene	11.01	105	1221897	51.556	ug/l	100
74) N-amyl acetate	10.89	43	568470	51.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	383051	46.619	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	339371m	46.439	ug/l	
77) Bromobenzene	11.25	156	321747	49.342	ug/l	98
78) n-propylbenzene	11.35	91	1374512	51.705	ug/l	99
79) 2-Chlorotoluene	11.42	91	815167	50.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1007124	50.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	133059	51.392	ug/l	97
82) 4-Chlorotoluene	11.51	91	941732	50.240	ug/l	99
83) tert-Butylbenzene	11.76	119	867239	44.678	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	1016092	50.868	ug/l	100
85) sec-Butylbenzene	11.94	105	1171264	51.113	ug/l	100
86) p-Isopropyltoluene	12.06	119	1070874	51.088	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	555487	48.606	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	556539	47.893	ug/l	99
89) n-Butylbenzene	12.38	91	910209	50.891	ug/l	99
90) Hexachloroethane	12.59	117	192287	51.072	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	565085	49.118	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85208	46.861	ug/l	97

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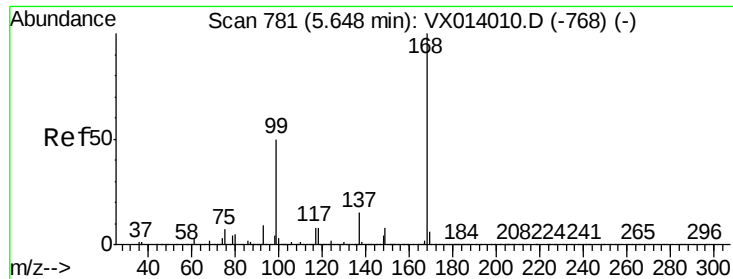
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	364850	48.793	ug/l	97
94) Hexachlorobutadiene	13.77	225	170167	47.352	ug/l	98
95) Naphthalene	13.83	128	1138165	51.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	374294	50.708	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 490919

Ion Ratio Lower Upper

168 100

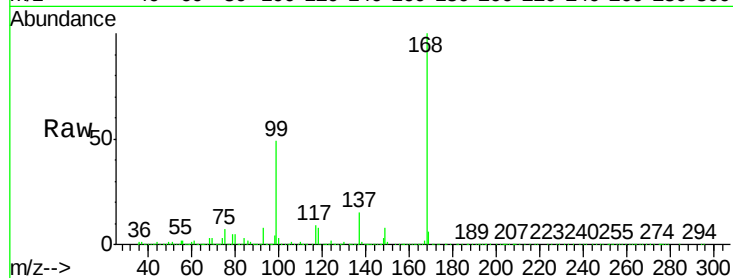
99 49.1 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

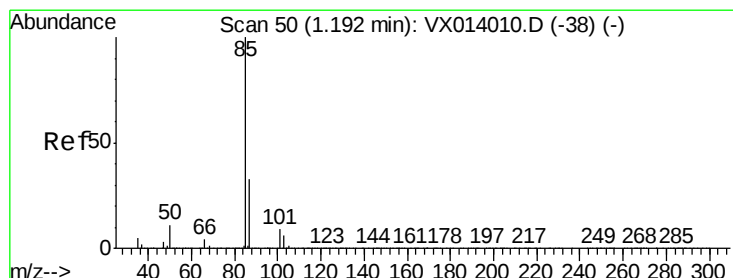
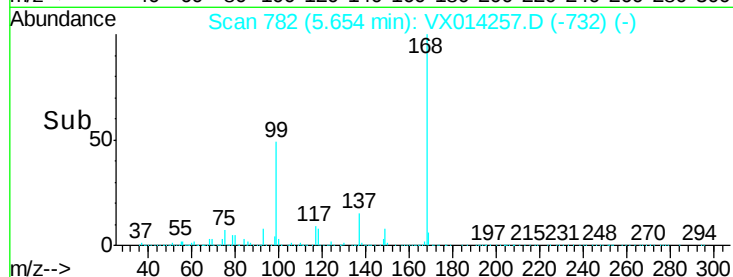
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.633 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014257.D

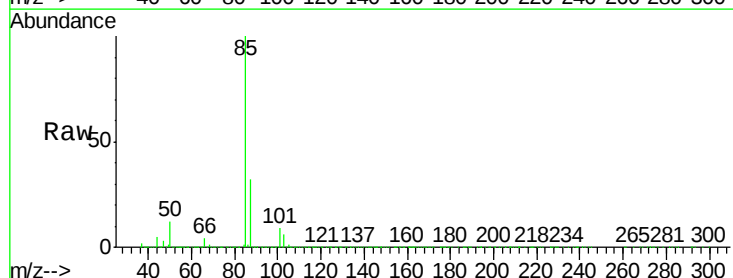
Acq: 24 Dec 2019 19:54

Tgt Ion: 85 Resp: 191630

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

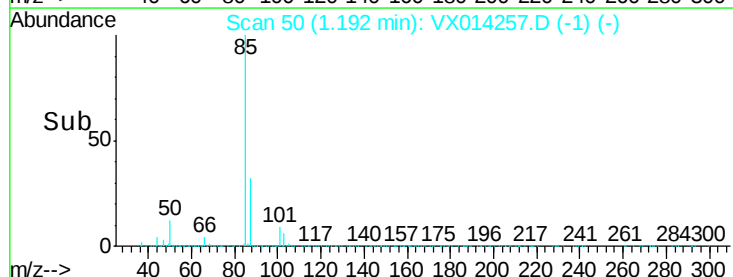
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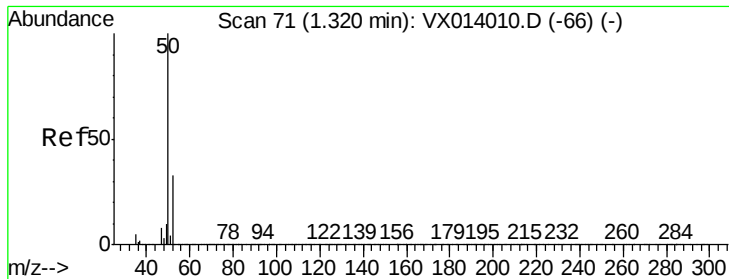
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 46.155 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 272040

Ion Ratio Lower Upper

50 100

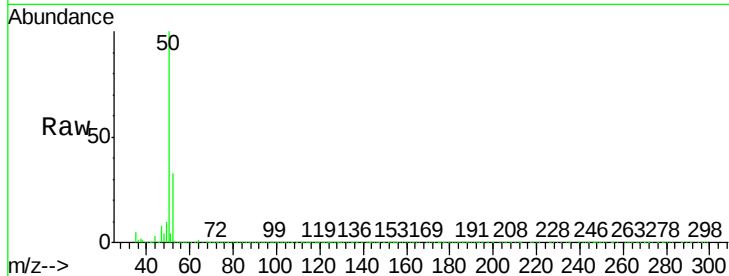
52 33.0 26.2 39.4

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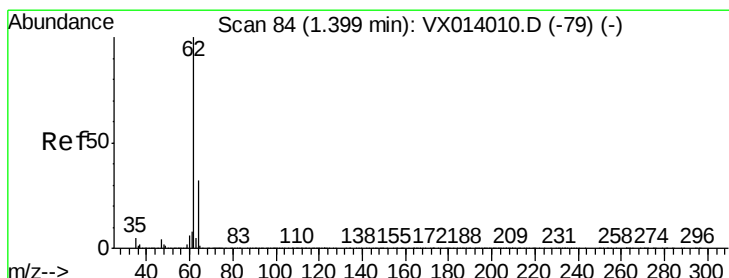
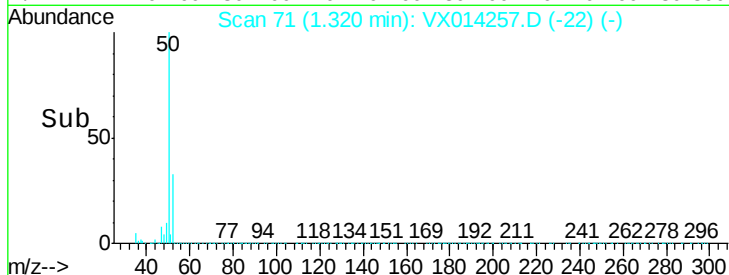
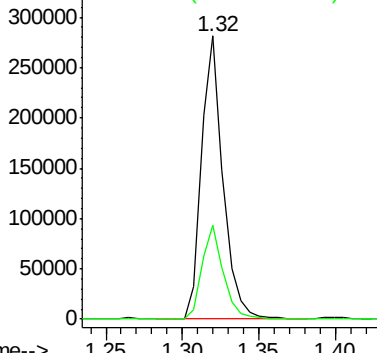
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.129 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014257.D

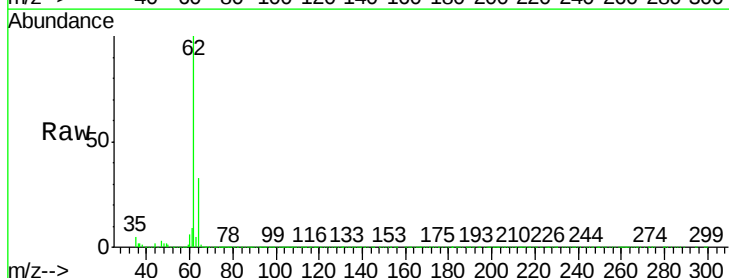
Acq: 24 Dec 2019 19:54

Tgt Ion: 62 Resp: 293106

Ion Ratio Lower Upper

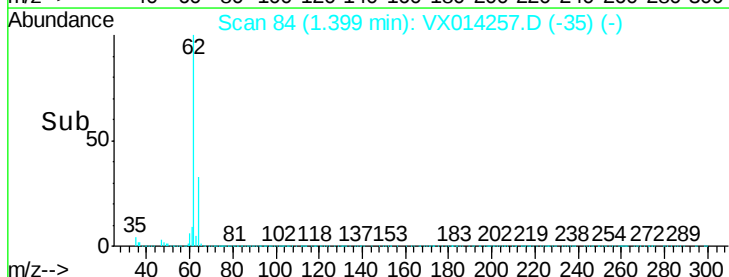
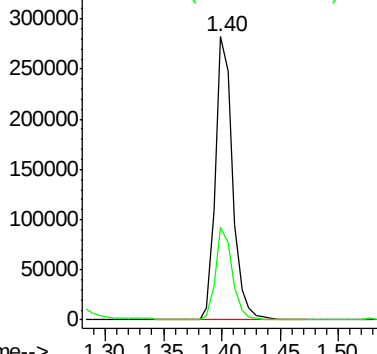
62 100

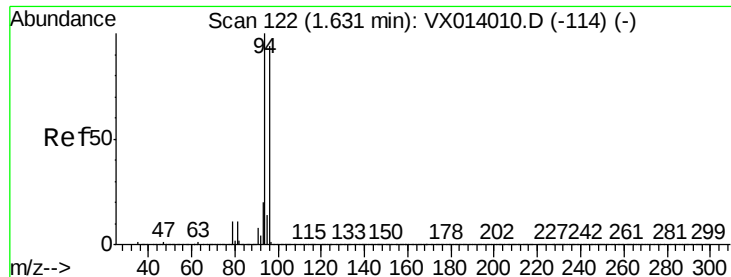
64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.905 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 211460

Ion Ratio Lower Upper

94 100

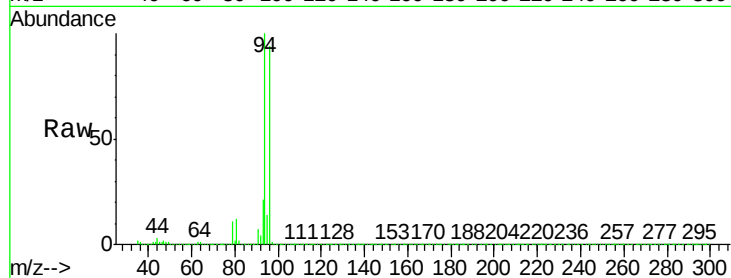
96 94.0 75.2 112.8

Manual Integrations

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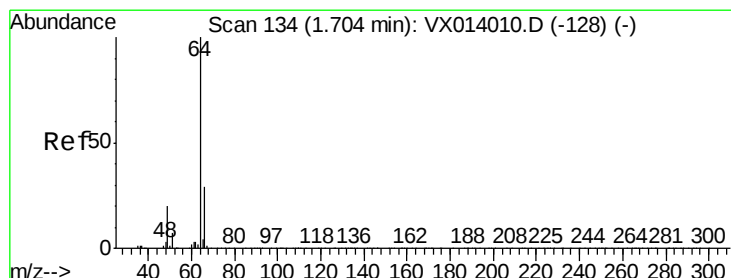
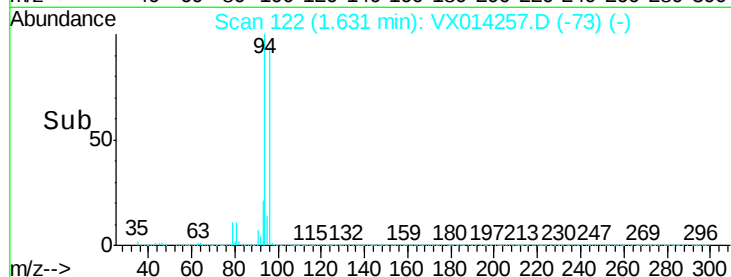
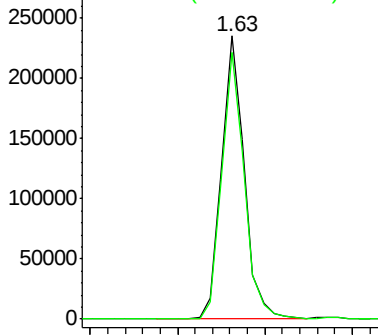
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.170 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014257.D

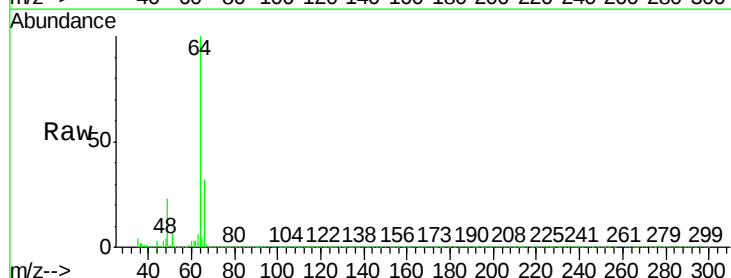
Acq: 24 Dec 2019 19:54

Tgt Ion: 64 Resp: 188734

Ion Ratio Lower Upper

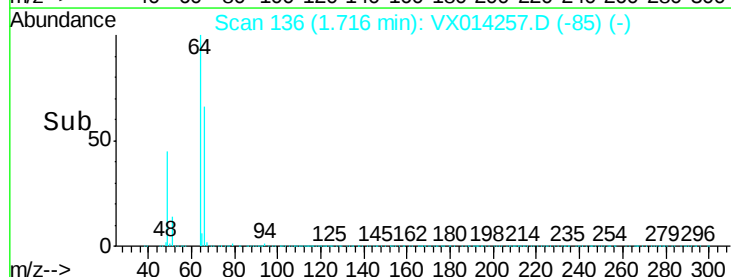
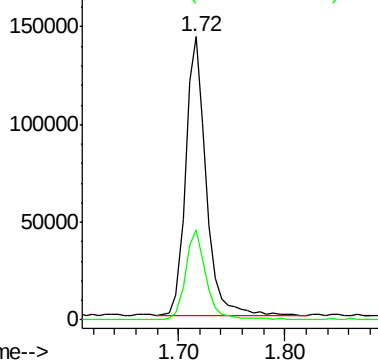
64 100

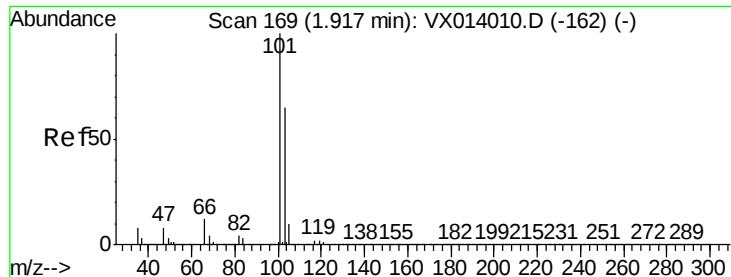
66 31.9 23.4 35.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

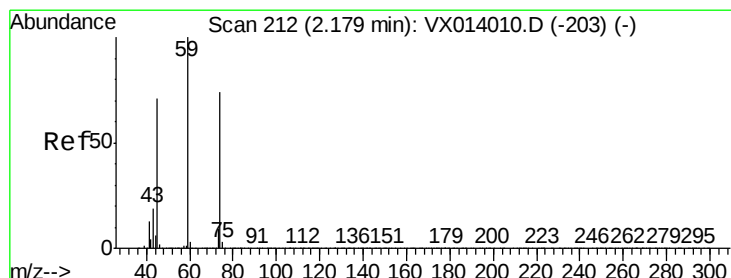
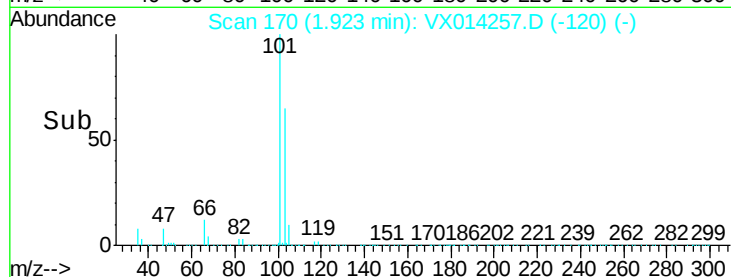
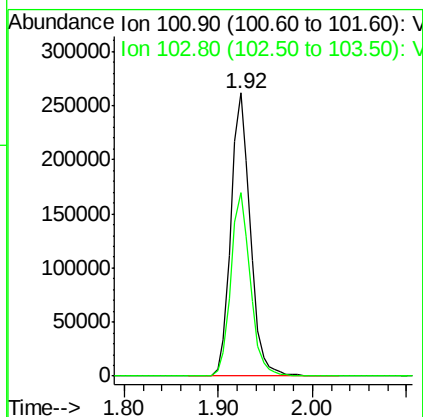
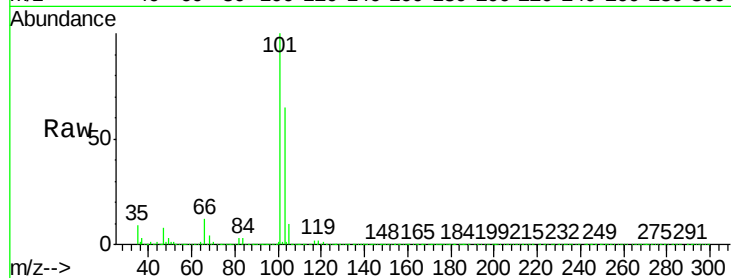
Trichlorofluoromethane
Concen: 48.515 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4

Manual Integrations
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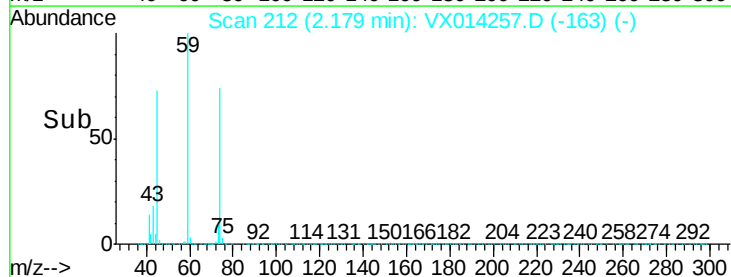
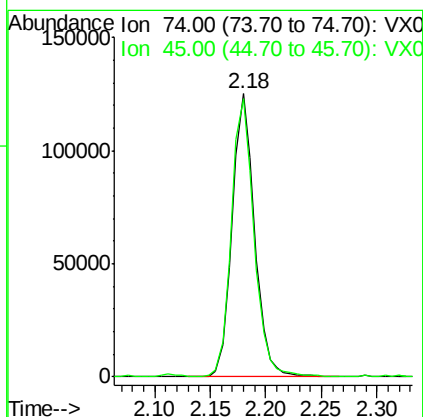
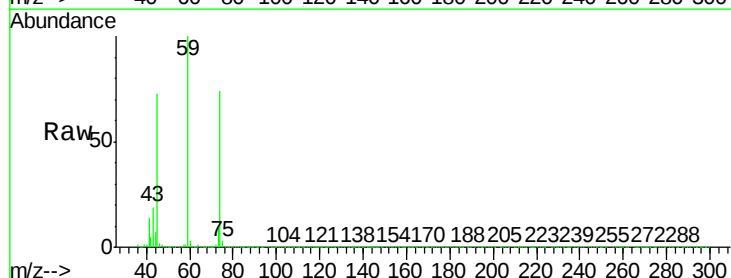
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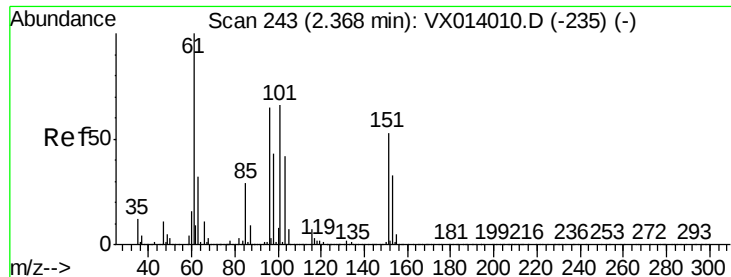


#8

Diethyl Ether
Concen: 48.233 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.025 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

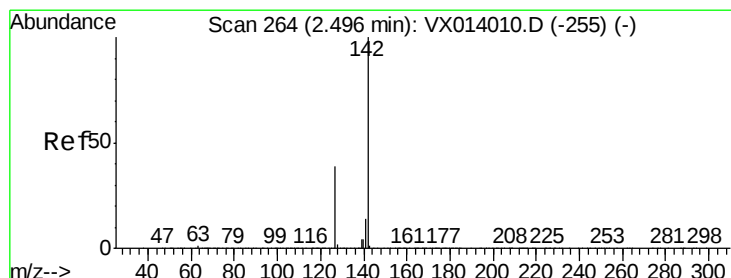
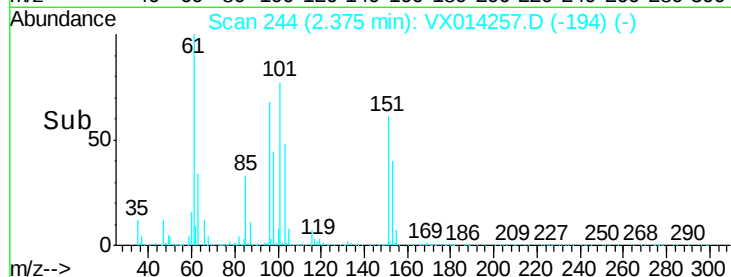
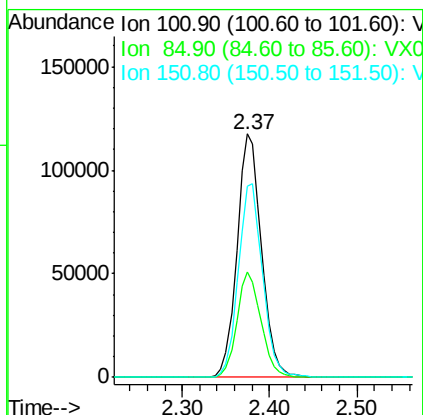
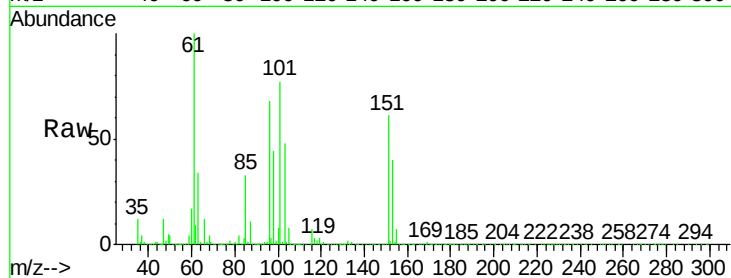
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	227519
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.7	50.5
151	79.6	64.5	96.7

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#10

Methyl Iodide

Concen: 49.340 ug/l

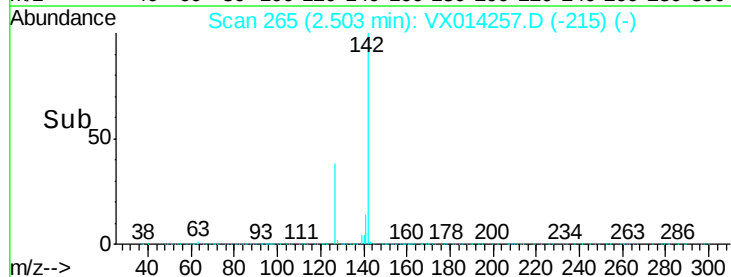
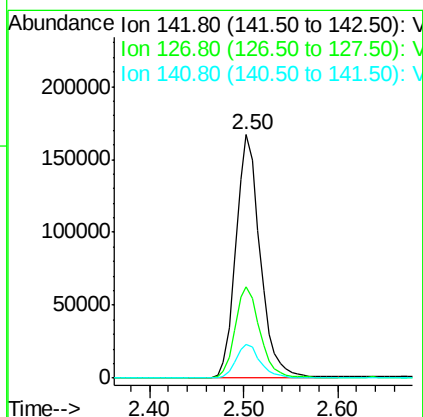
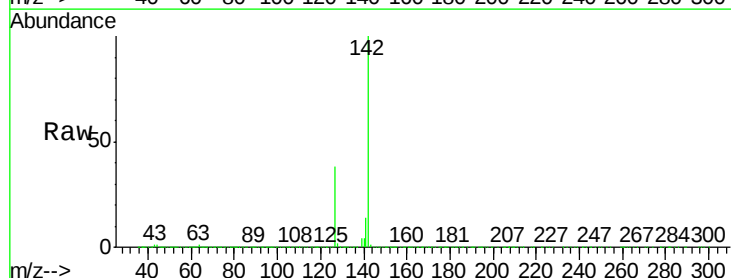
RT: 2.50 min Scan# 265

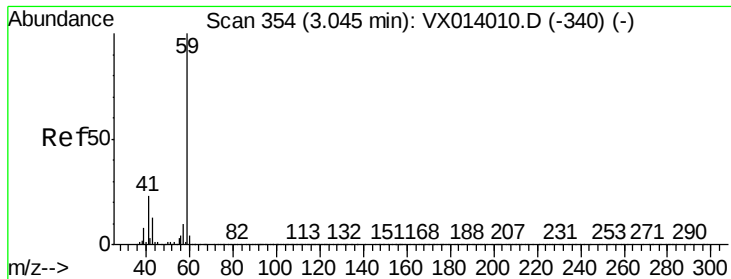
Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	142	Resp:	301744
Ion Ratio	Lower	Upper	
142	100		
127	38.1	31.6	47.4
141	13.8	11.6	17.4





#11

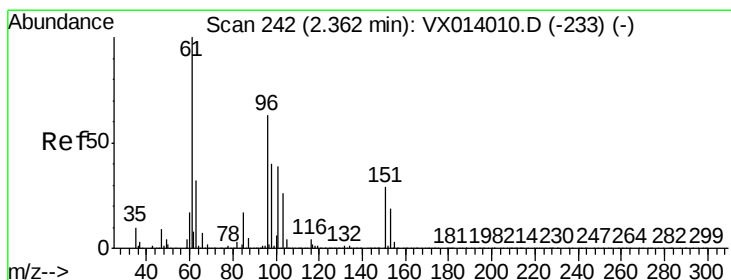
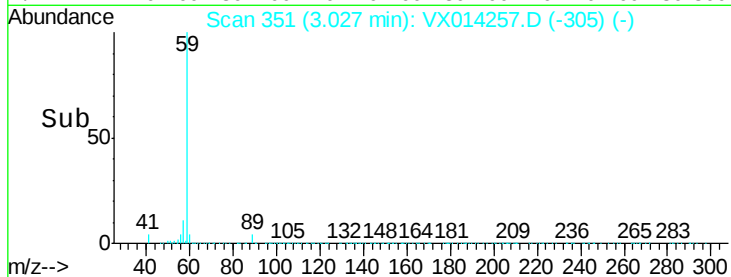
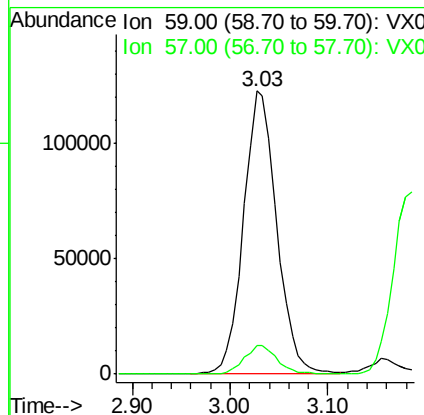
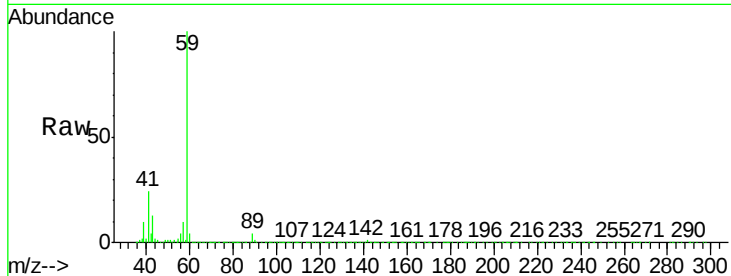
Tert butyl alcohol
Concen: 239.112 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

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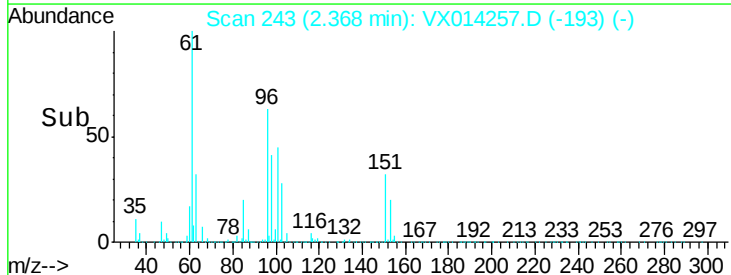
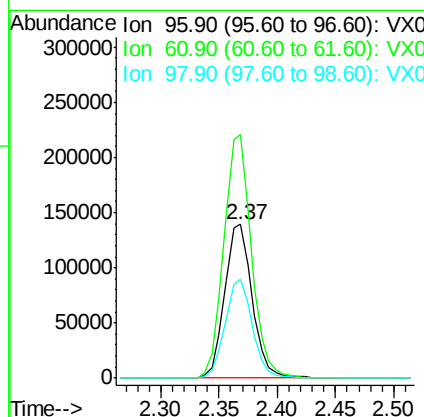
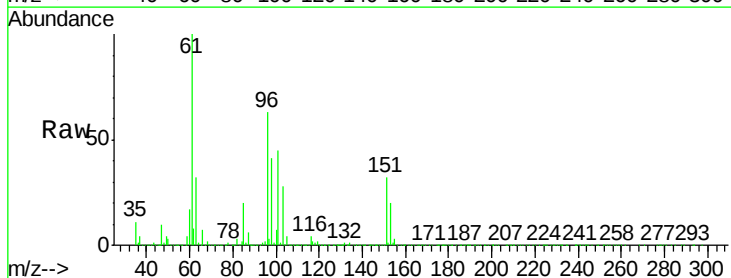
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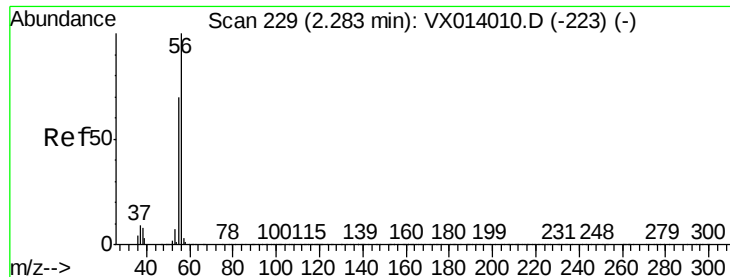


#12

1,1-Dichloroethene
Concen: 47.991 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	127.9	191.9
98	64.7	50.5	75.7





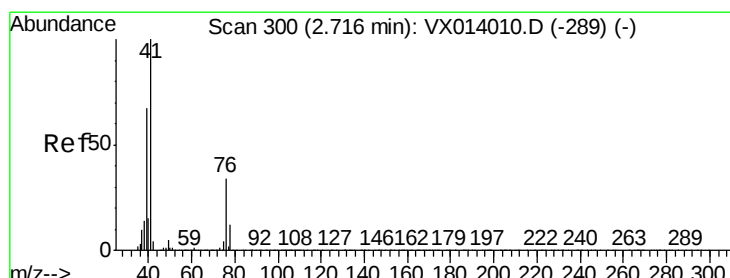
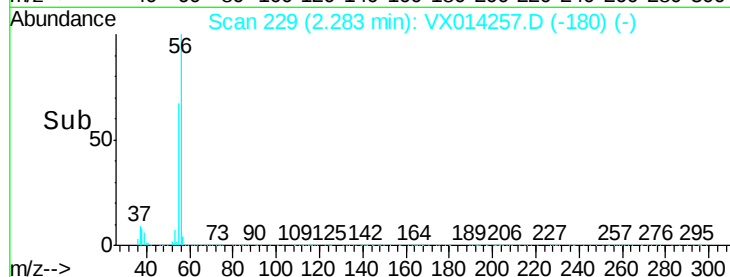
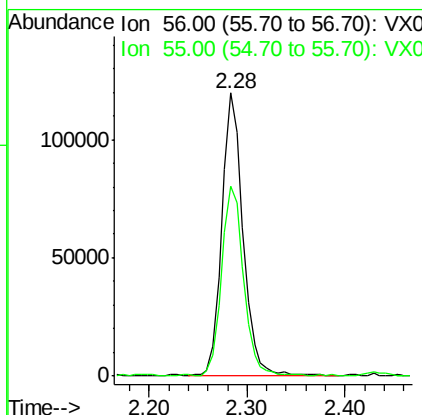
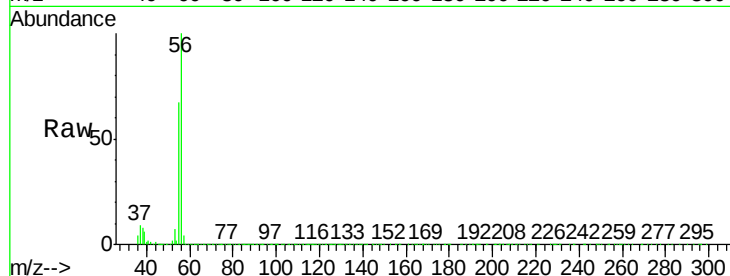
#13
Acrolein
Concen: 259.761 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.9	85.3

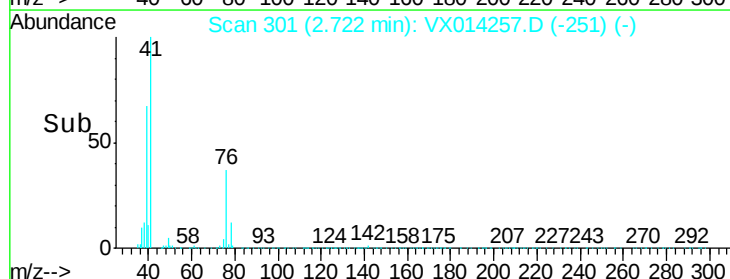
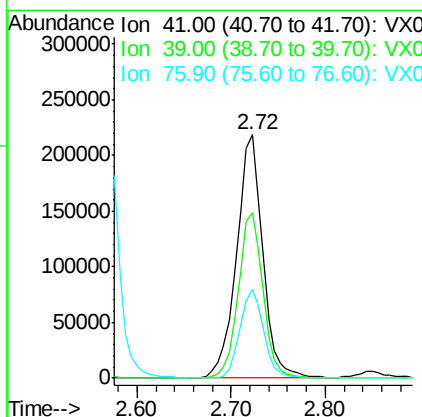
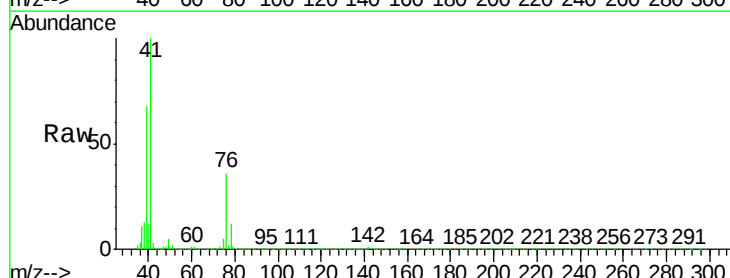
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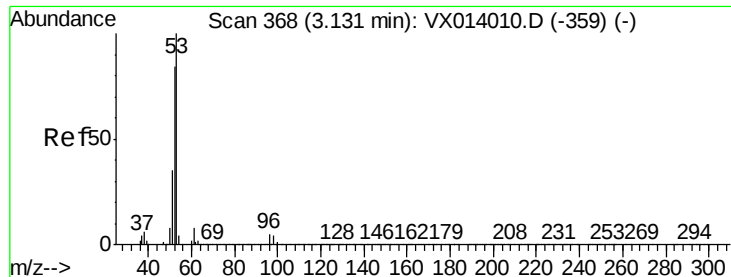
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#14
Allyl chloride
Concen: 49.959 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.9	51.8	77.8
76	33.0	25.9	38.9





#15

Acrylonitrile

Concen: 262.458 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

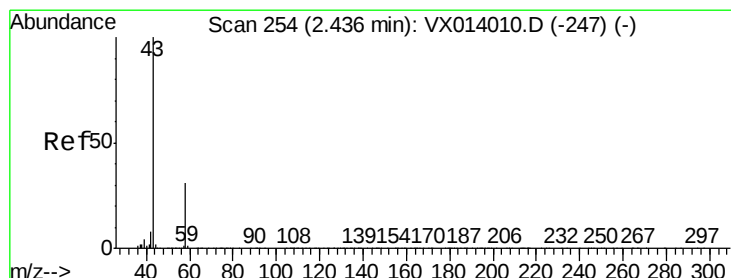
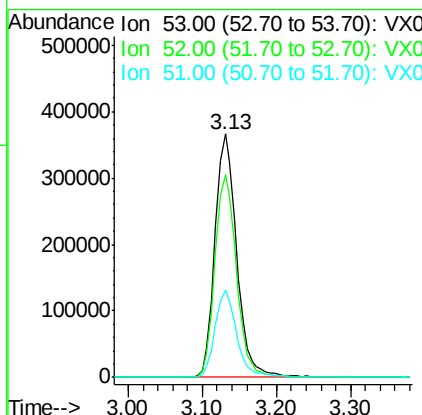
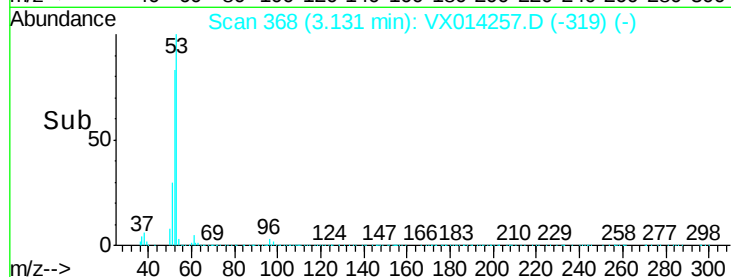
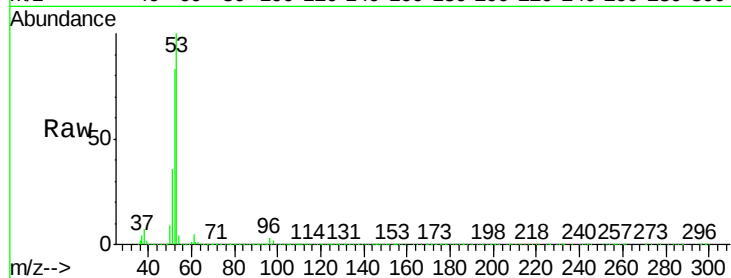
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	736481
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	35.5	28.1	42.1

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#16

Acetone

Concen: 170.288 ug/l

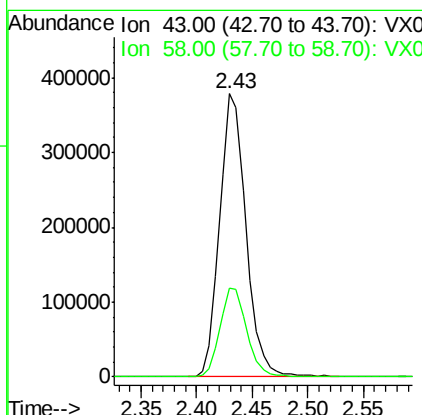
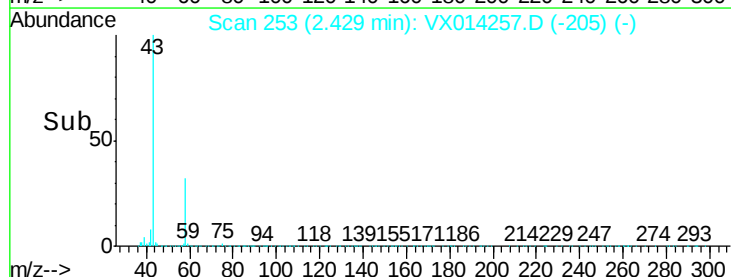
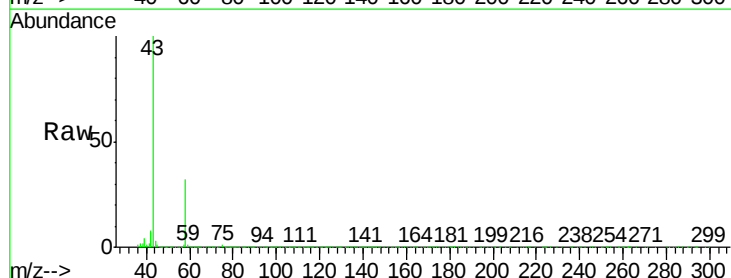
RT: 2.43 min Scan# 253

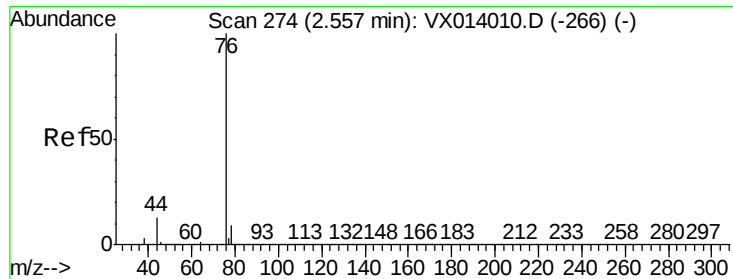
Delta R.T. -0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	43	Resp:	615107
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.9	37.3





#17

Carbon Disulfide

Concen: 44.966 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 588499

Ion Ratio Lower Upper

76 100

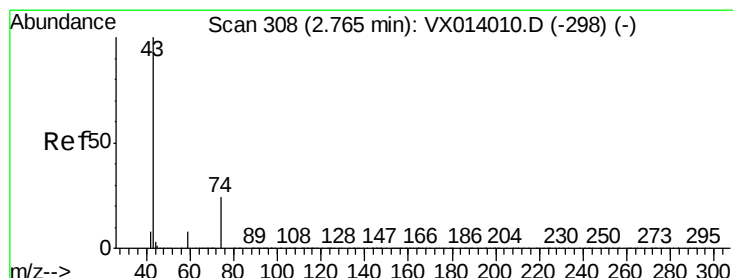
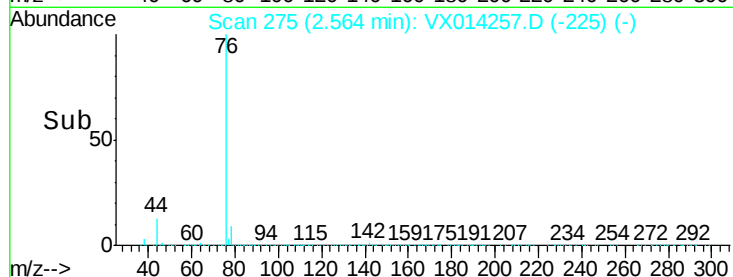
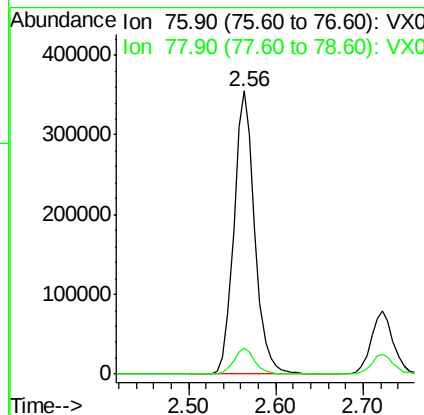
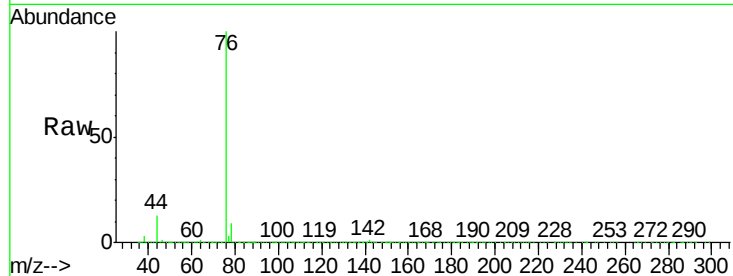
78 8.9 7.2 10.8

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#18

Methyl Acetate

Concen: 55.702 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014257.D

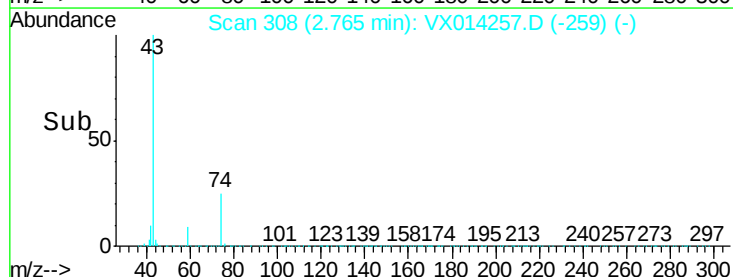
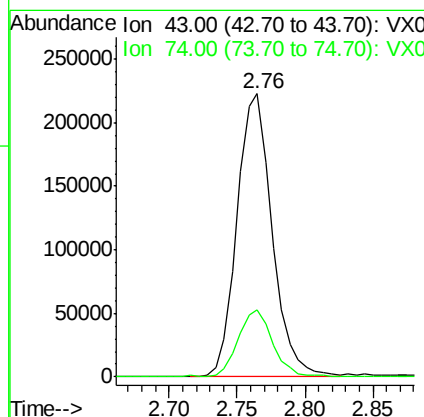
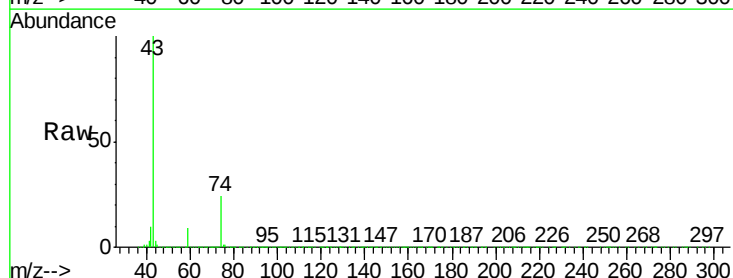
Acq: 24 Dec 2019 19:54

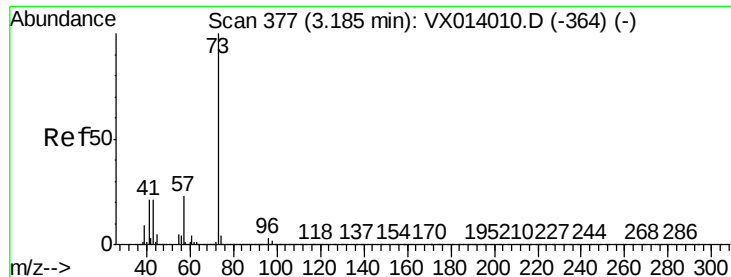
Tgt Ion: 43 Resp: 398696

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3





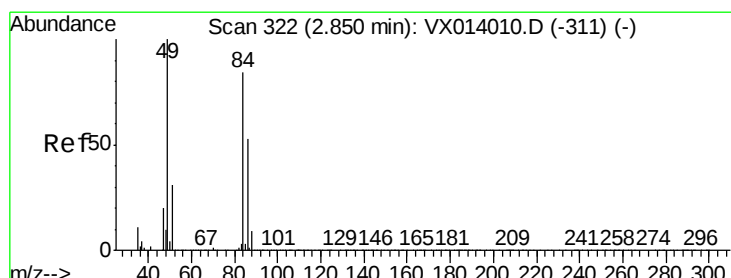
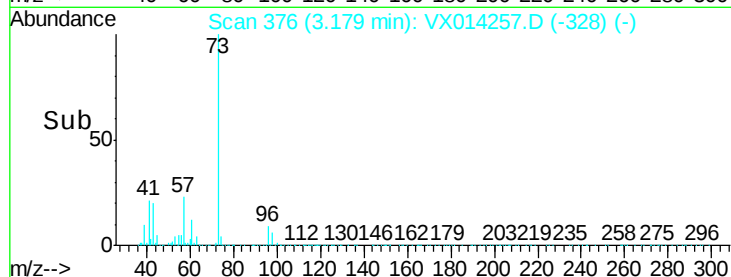
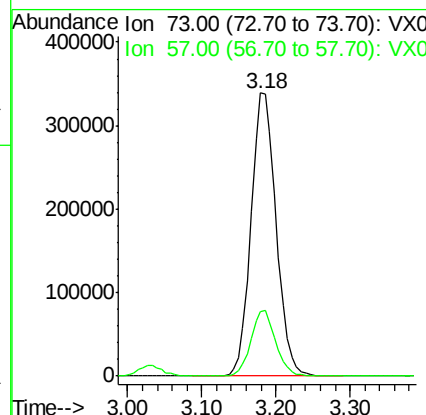
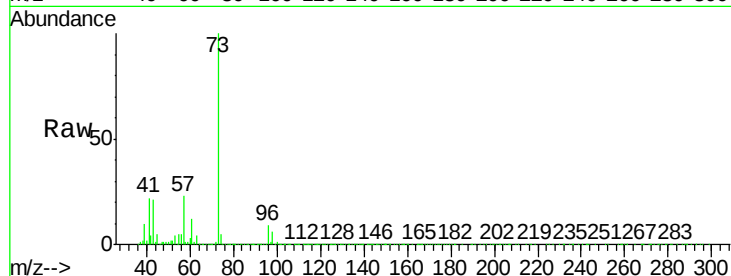
#19
Methyl tert-butyl Ether
Concen: 51.654 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

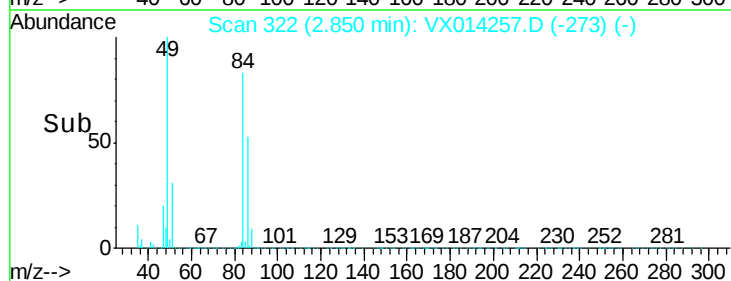
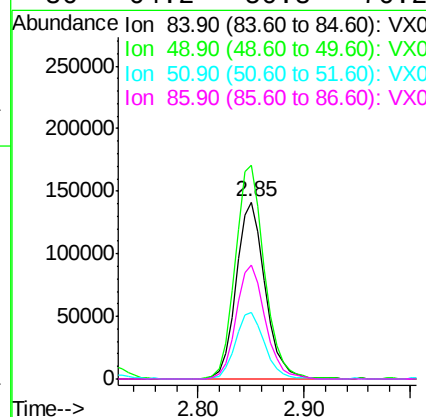
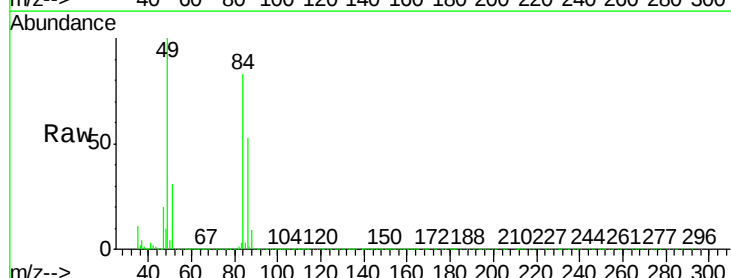
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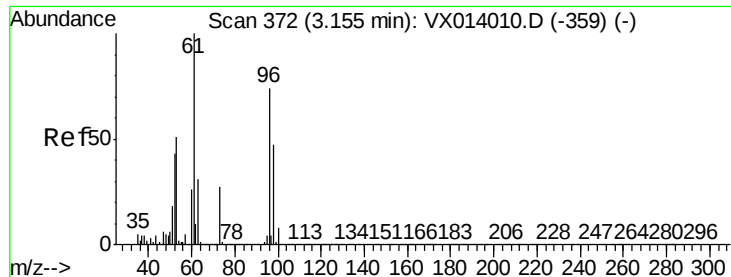
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#20
Methylene Chloride
Concen: 47.315 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.7	95.8	143.6
51	37.2	29.8	44.8
86	64.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.148 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014257.D

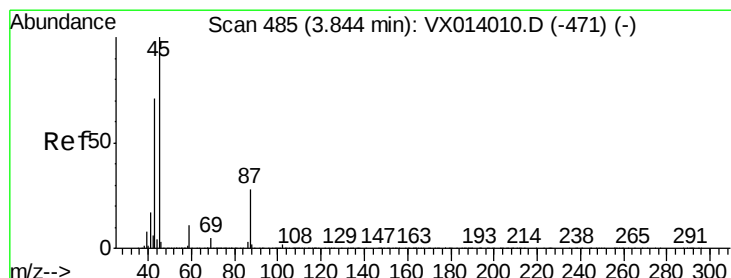
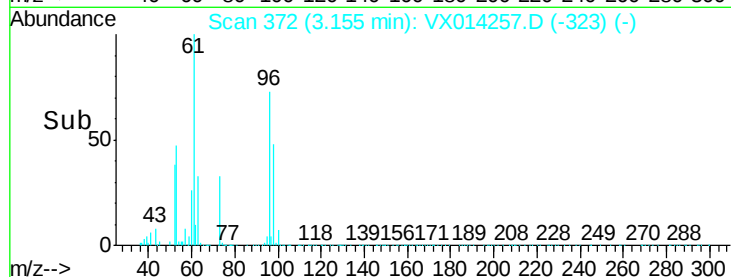
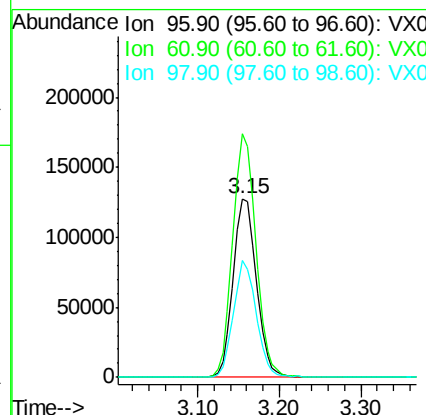
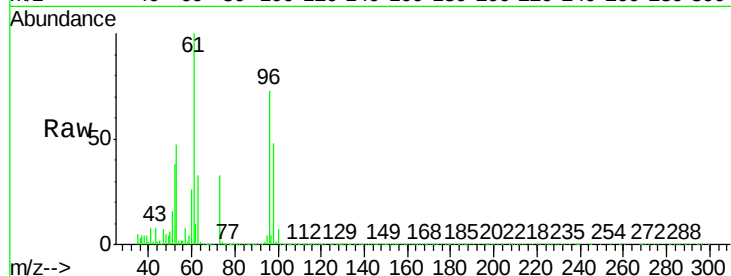
Acq: 24 Dec 2019 19:54

Tot Ion:	96	Resp:	250494
Ion	Ratio	Lower	Upper
96	100		
61	136.5	108.3	162.5
98	65.3	50.8	76.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 51.686 ug/l

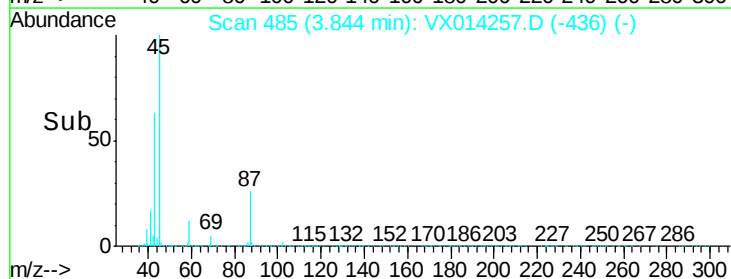
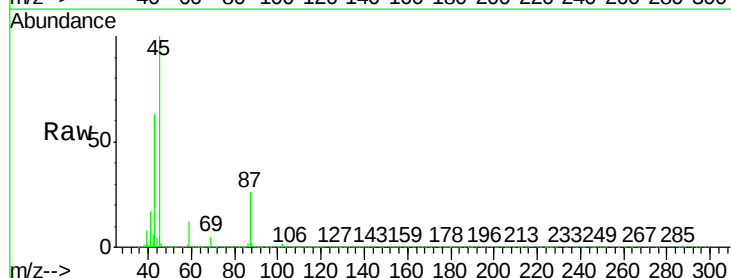
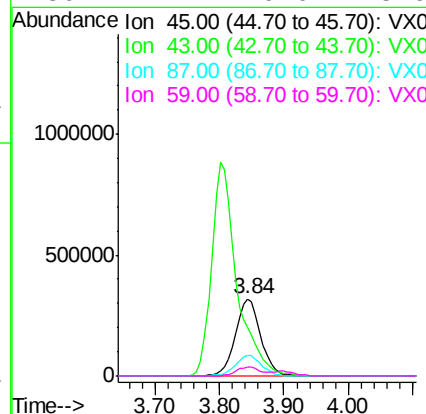
RT: 3.84 min Scan# 485

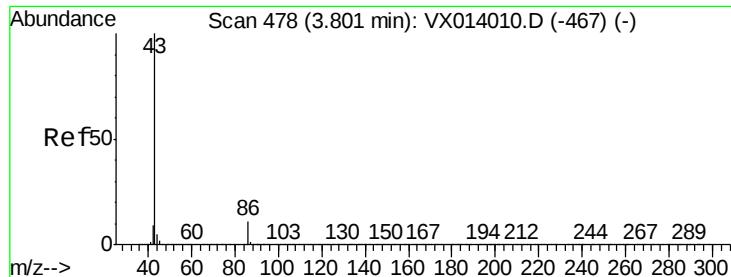
Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	45	Resp:	868434
Ion	Ratio	Lower	Upper
45	100		
43	62.4	57.4	86.0
87	26.0	21.9	32.9
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 175.991 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2413080

Ion Ratio Lower Upper

43 100

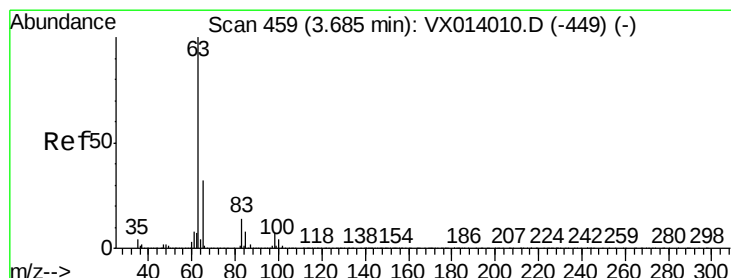
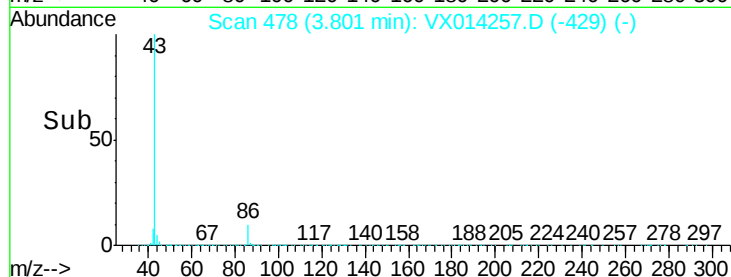
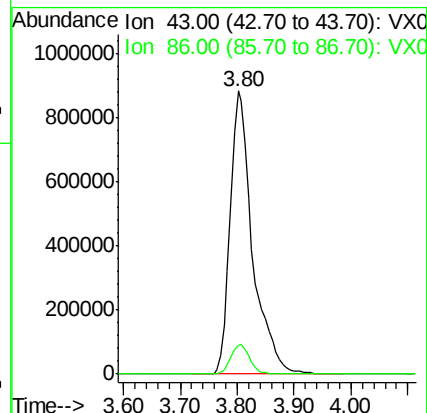
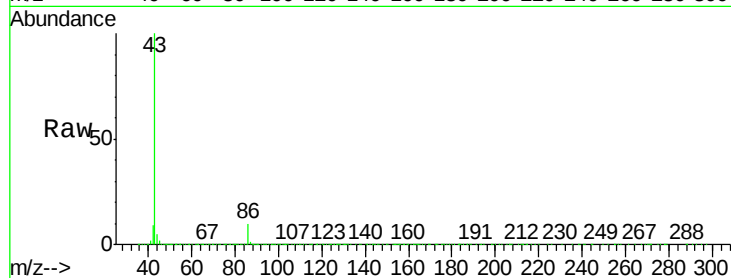
86 10.3 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 49.732 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

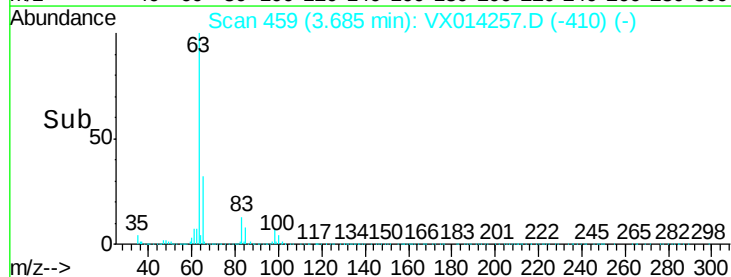
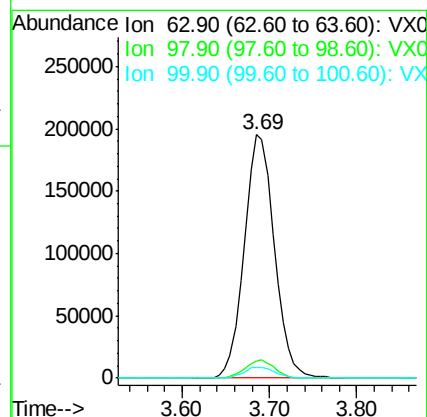
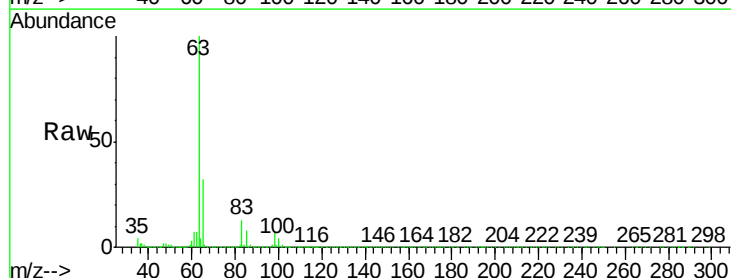
Tgt Ion: 63 Resp: 464894

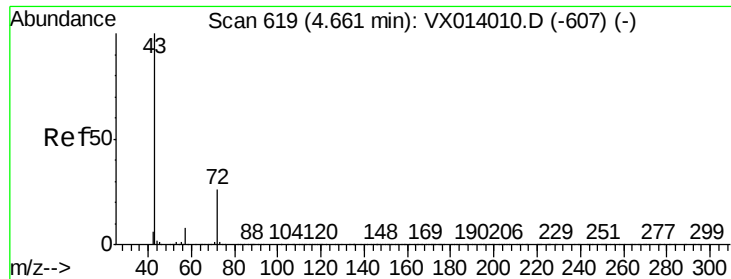
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 228.891 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tot Ion: 43 Resp: 1019333

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

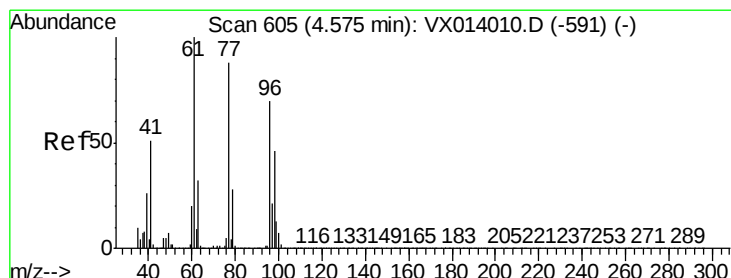
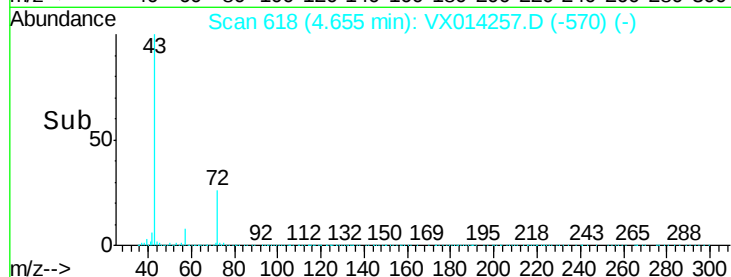
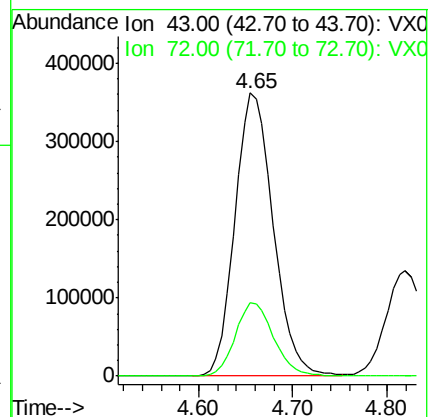
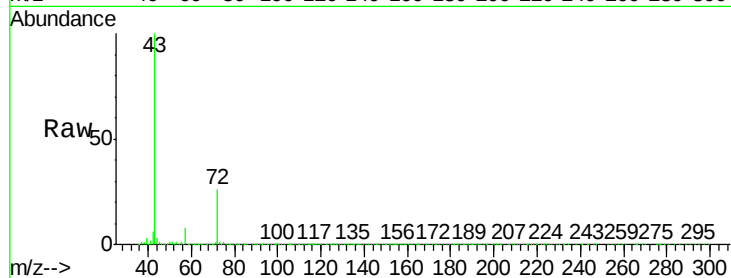
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 43.878 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014257.D

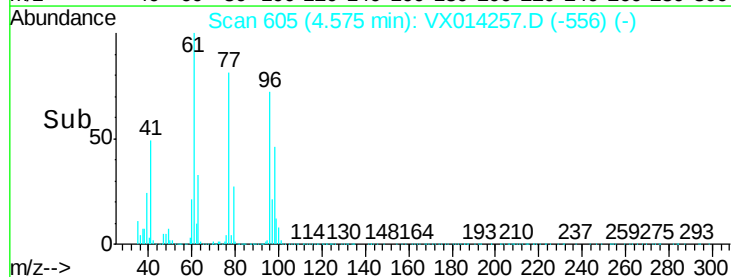
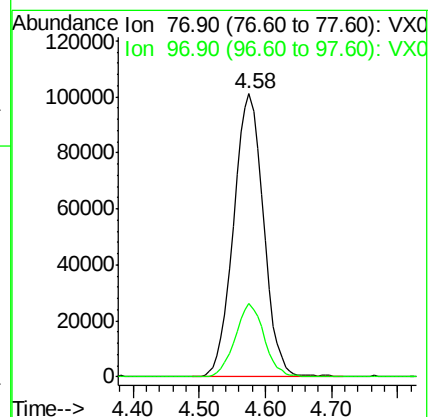
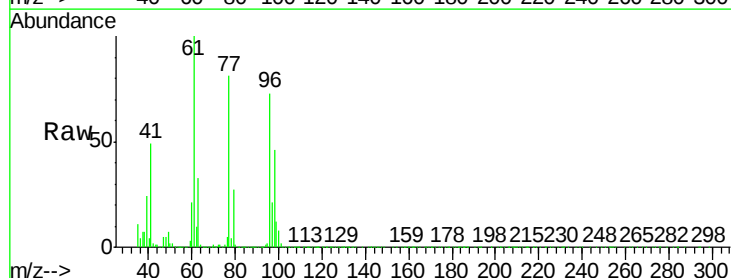
Acq: 24 Dec 2019 19:54

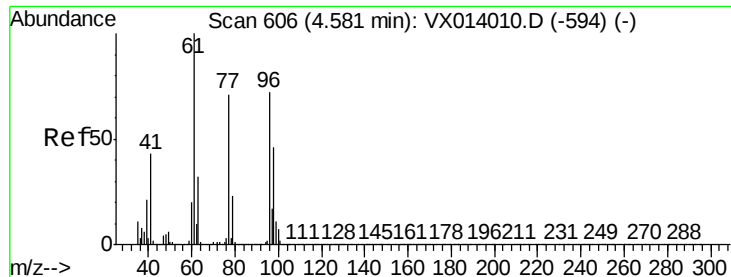
Tgt Ion: 77 Resp: 318459

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.9





#27

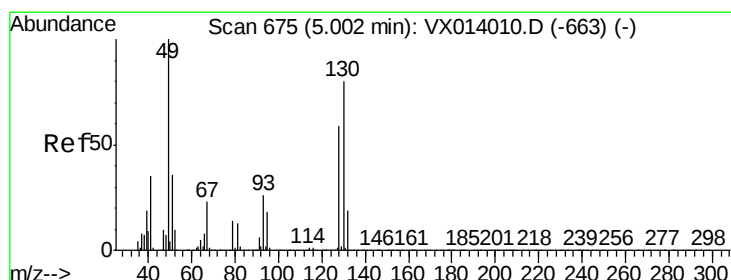
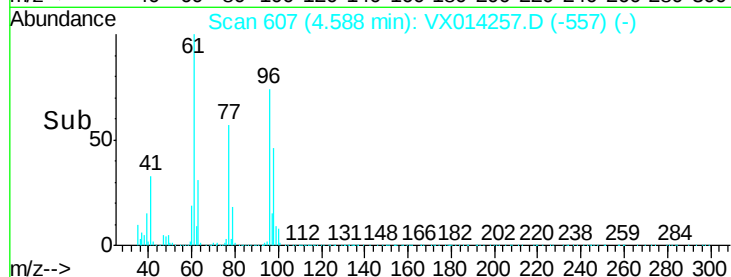
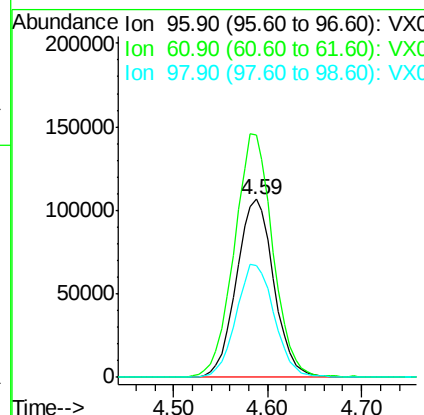
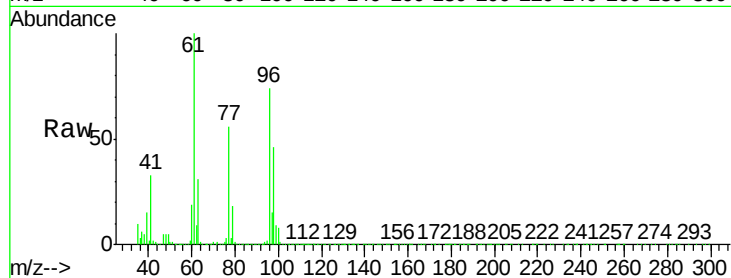
cis-1,2-Dichloroethene
Concen: 50.206 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	295402		
61	140.4	0.0	288.4	
98	64.6	0.0	129.6	

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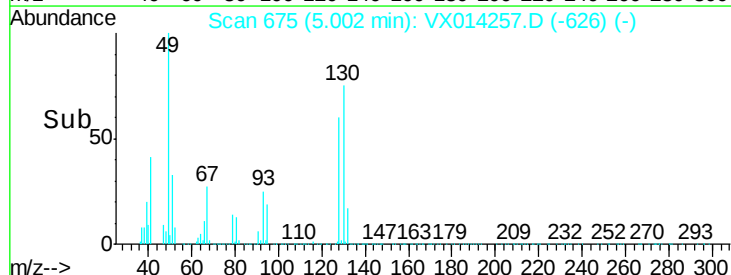
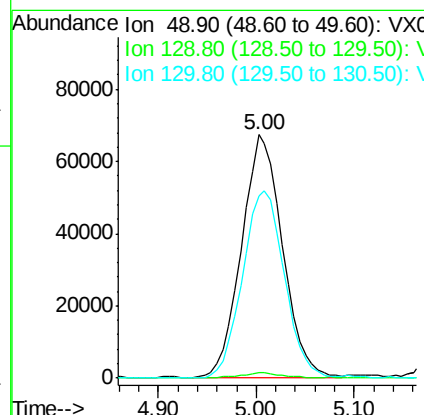
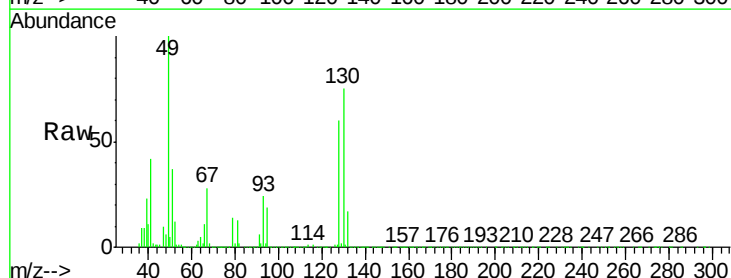
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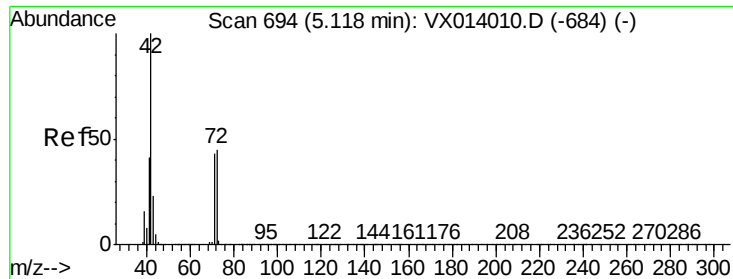


#28

Bromochloromethane
Concen: 54.816 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	197228		
129	2.2	0.0	5.0	
130	78.3	64.6	97.0	





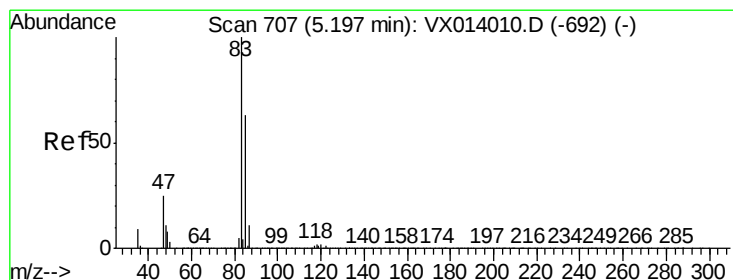
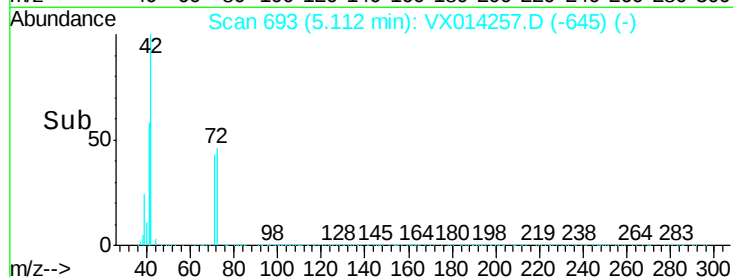
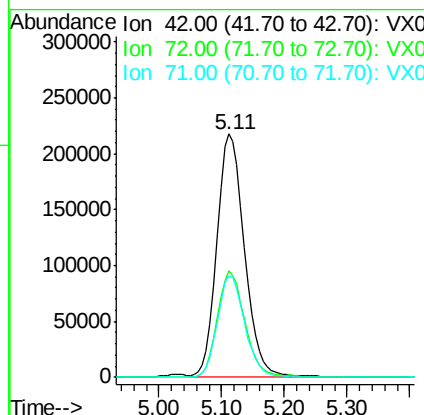
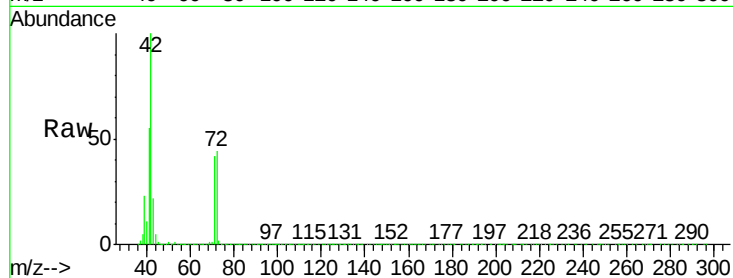
#29
Tetrahydrofuran
Concen: 264.378 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	658534
Ion Ratio		Lower	Upper
42	100		
72	44.0	35.8	53.8
71	41.6	33.6	50.4

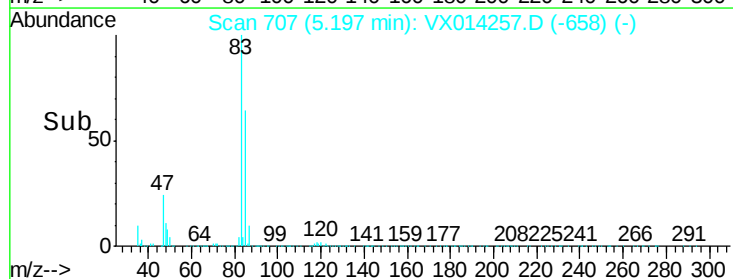
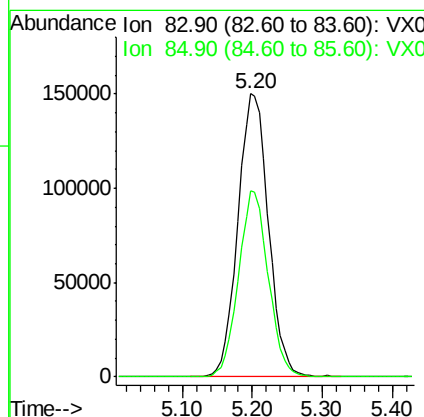
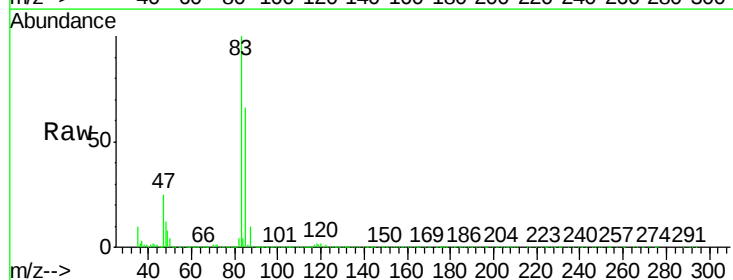
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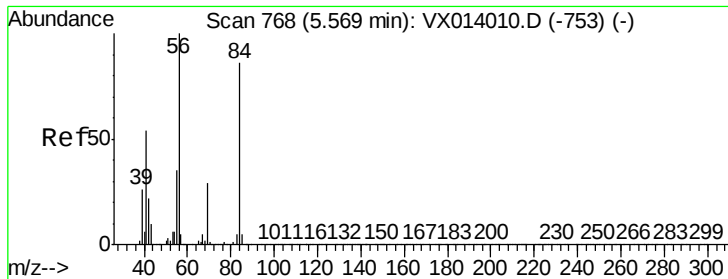
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#30
Chloroform
Concen: 51.263 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion:	83	Resp:	454273
Ion Ratio		Lower	Upper
83	100		
85	65.6	50.8	76.2





#31

Cyclohexane

Concen: 49.124 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

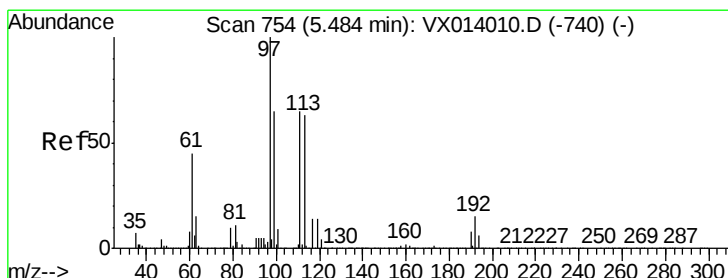
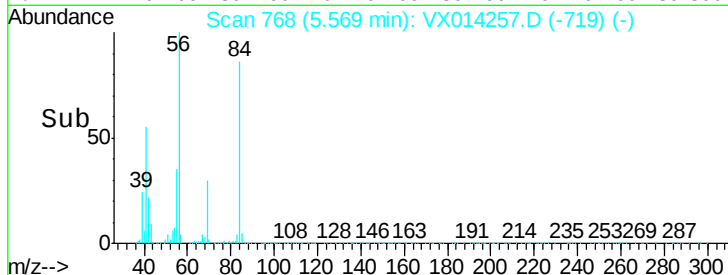
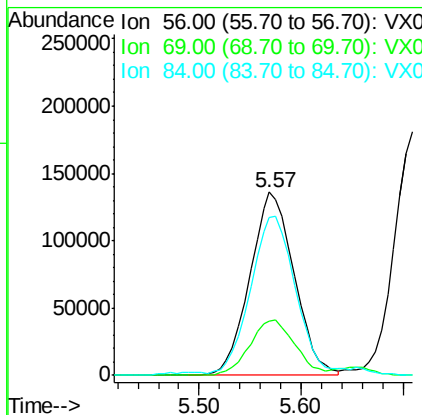
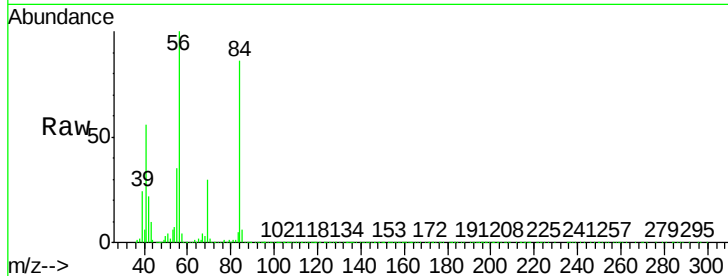
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	408422
Ion Ratio		Lower	Upper
56	100		
69	29.7	23.2	34.8
84	85.0	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 50.147 ug/l

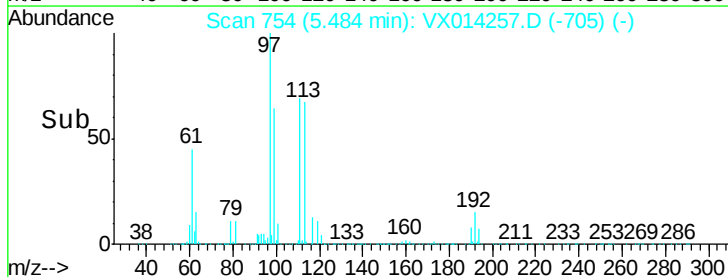
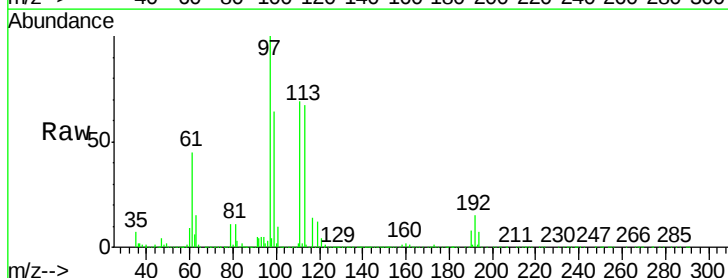
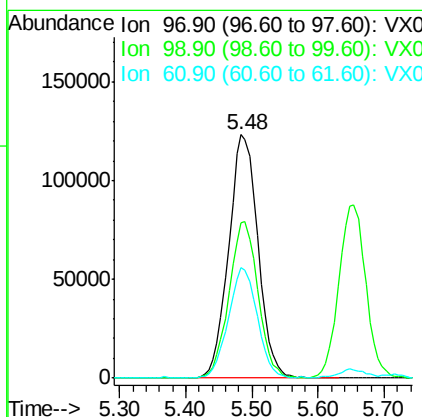
RT: 5.48 min Scan# 754

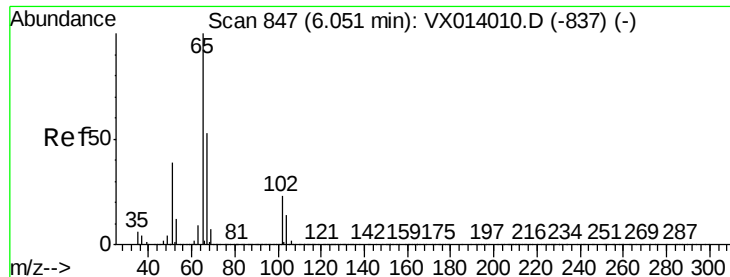
Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	97	Resp:	378736
Ion Ratio		Lower	Upper
97	100		
99	63.3	52.0	78.0
61	44.4	36.7	55.1





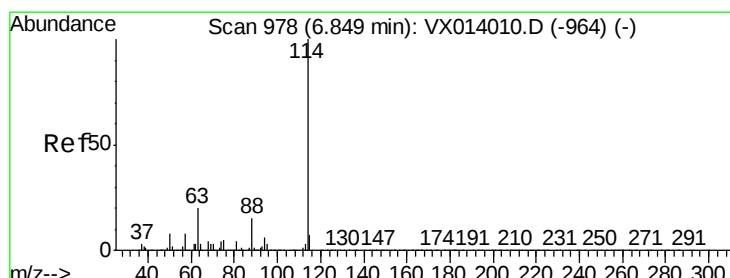
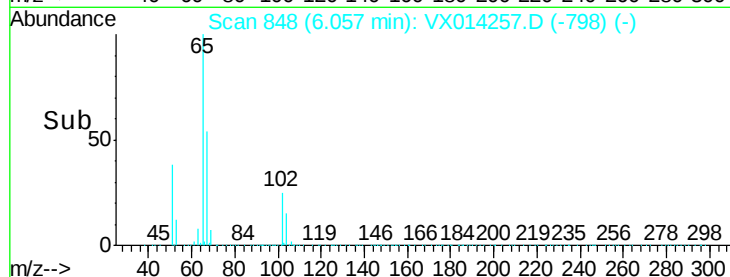
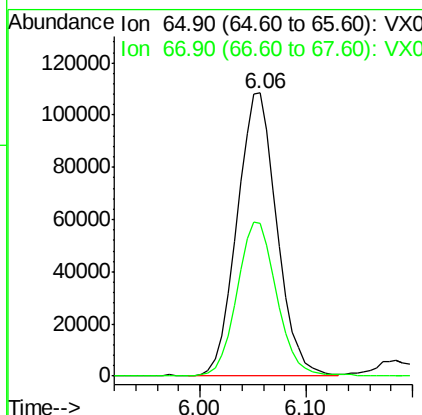
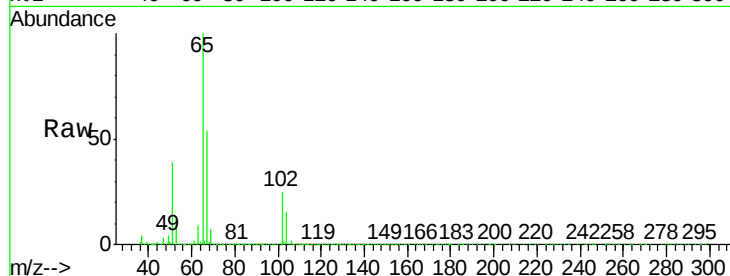
#33
 1,2-Dichloroethane-d4
 Concen: 50.912 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
65	100		
67	54.1	0.0	106.4

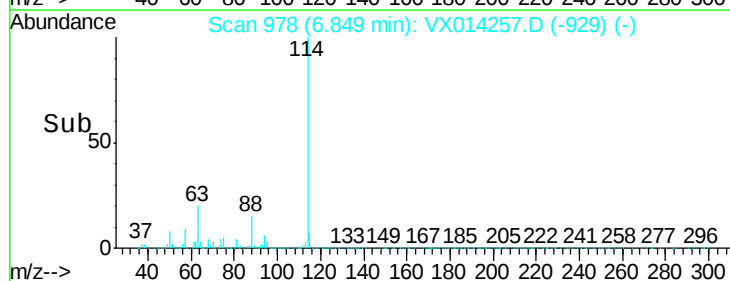
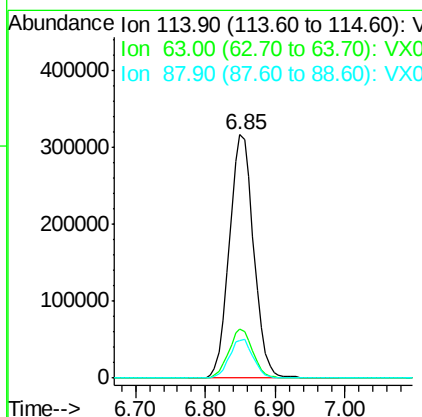
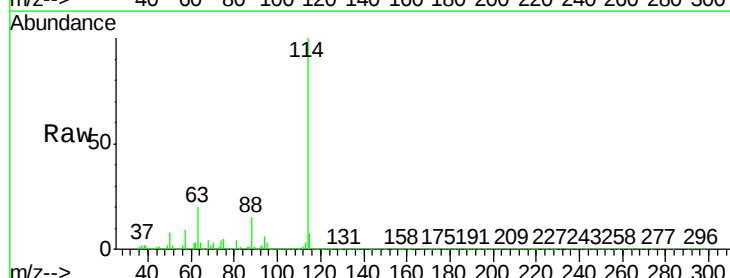
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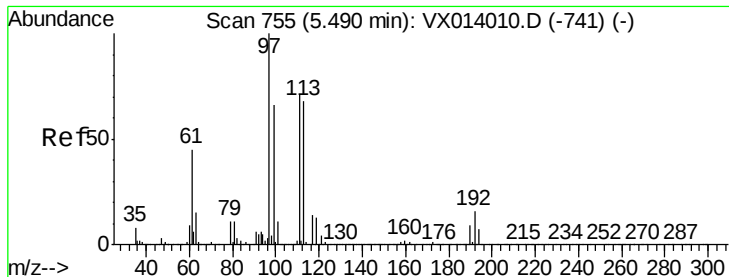
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	20.3	0.0	40.8
88	15.3	0.0	30.4





#35

Dibromofluoromethane

Concen: 51.140 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

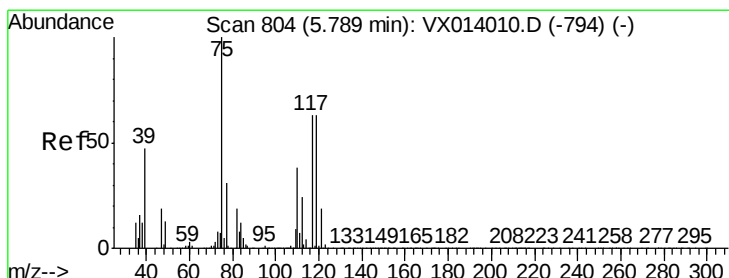
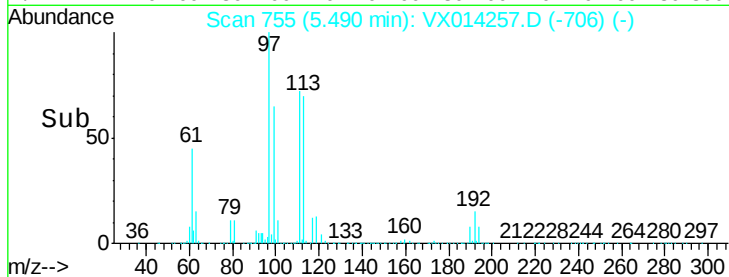
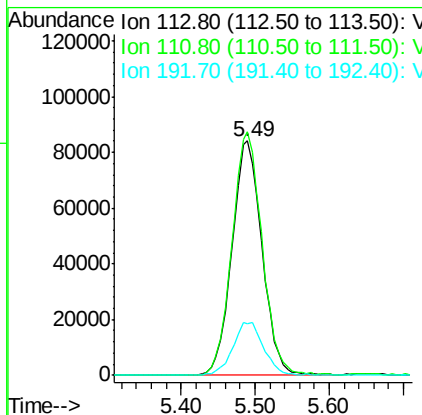
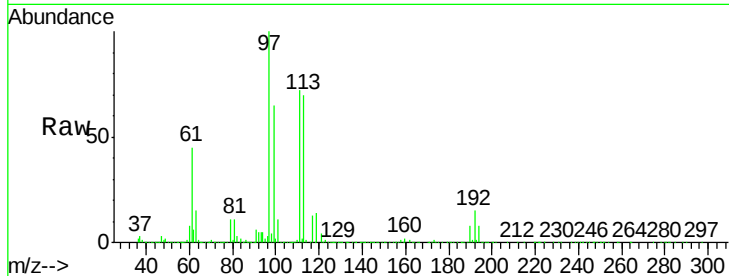
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	238392
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.0	123.0
192	23.1	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 48.144 ug/l

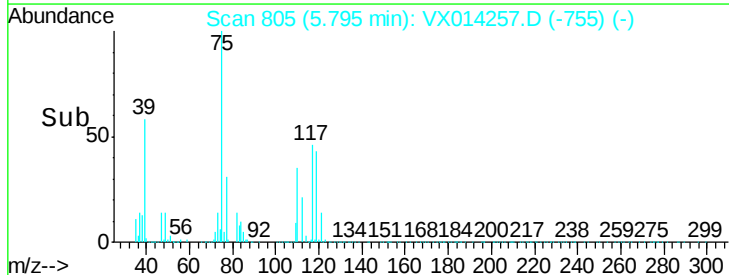
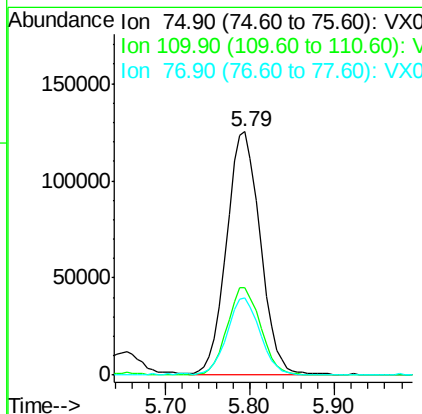
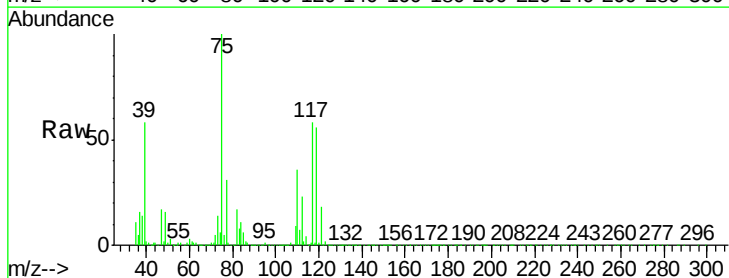
RT: 5.79 min Scan# 805

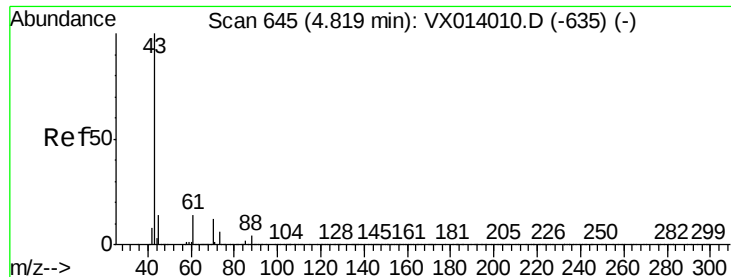
Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	75	Resp:	338751
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.3	54.9
77	30.7	24.8	37.2





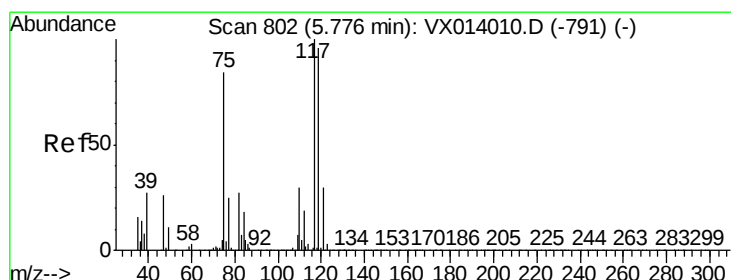
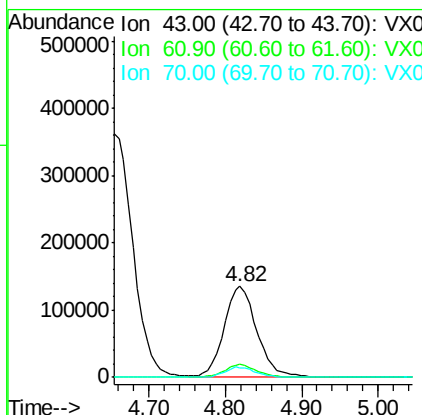
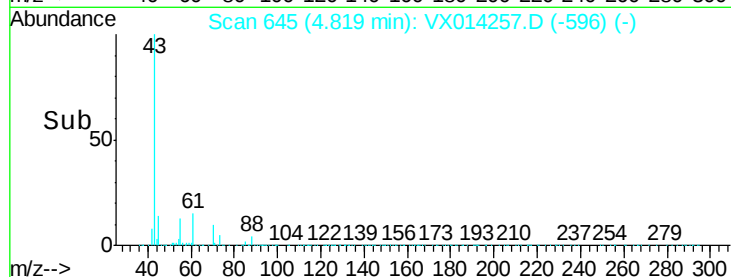
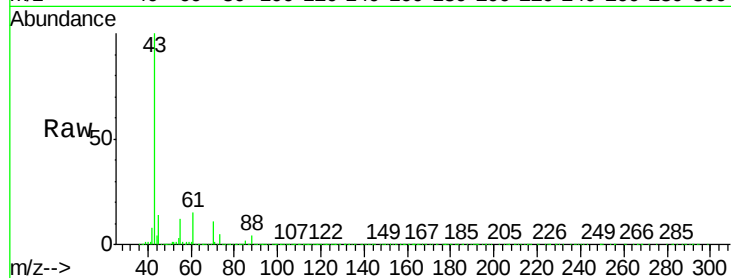
#37
Ethyl Acetate
Concen: 50.864 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	395213
Ion Ratio	Lower	Upper	
43	100		
61	13.7	10.8	16.2
70	10.7	8.6	12.8

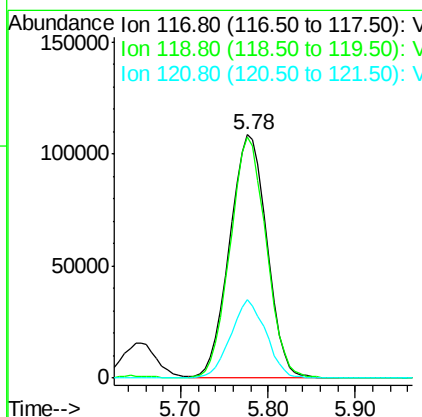
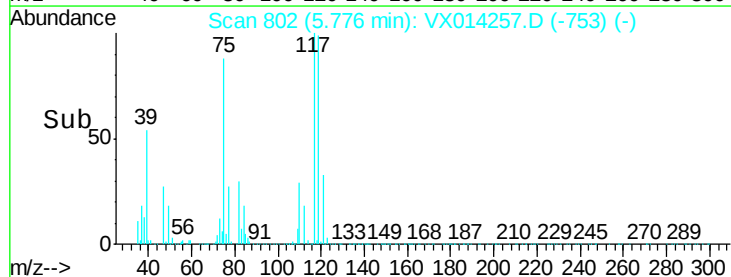
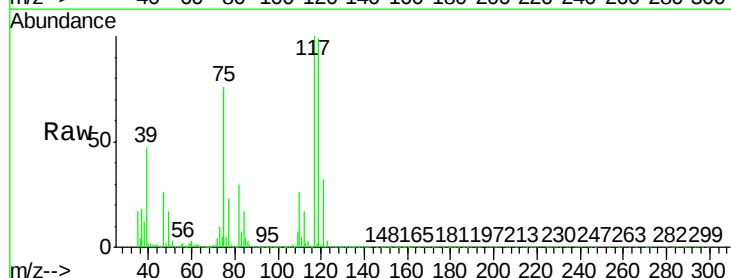
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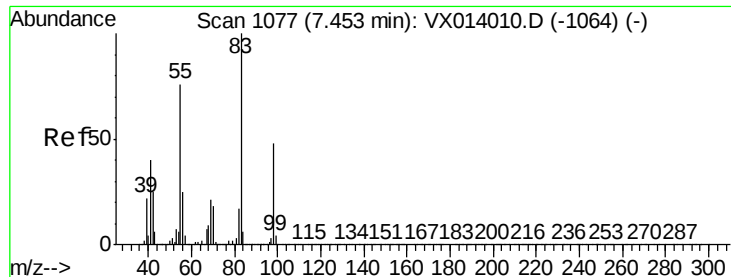
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#38
Carbon Tetrachloride
Concen: 49.899 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	117	Resp	319853
Ion Ratio	Lower	Upper	
117	100		
119	98.9	76.2	114.4
121	32.1	23.6	35.4





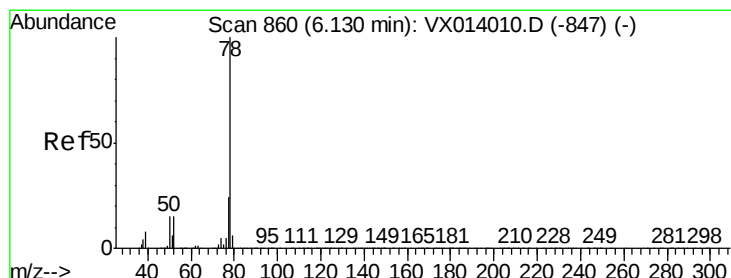
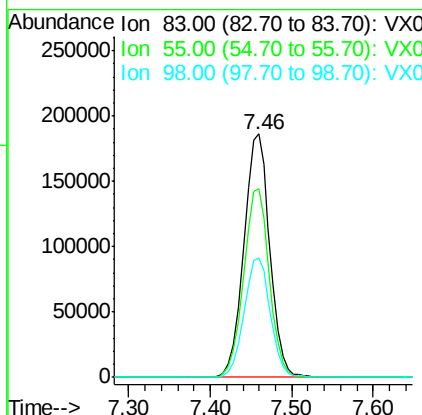
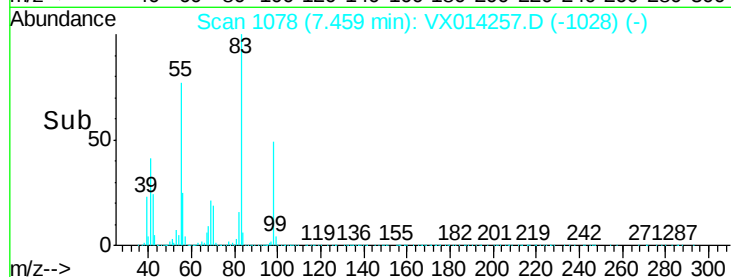
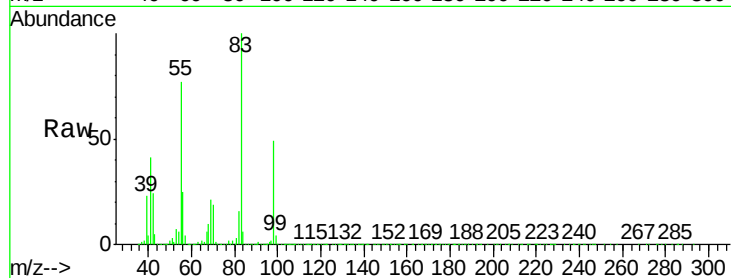
#39
Methvlcvclohexane
Concen: 47.071 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.0	91.6
98	48.8	38.6	57.8

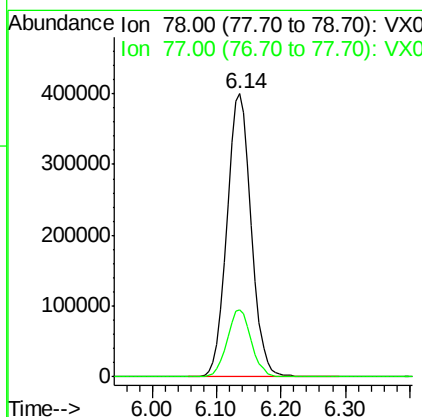
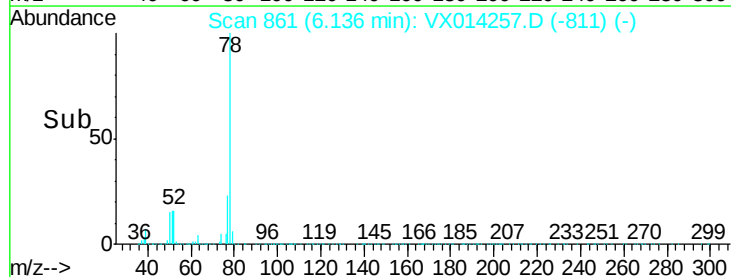
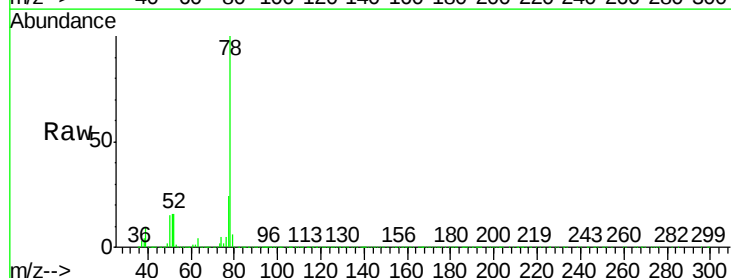
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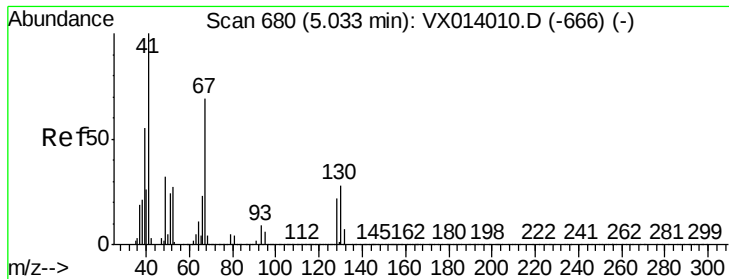
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#40
Benzene
Concen: 48.826 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





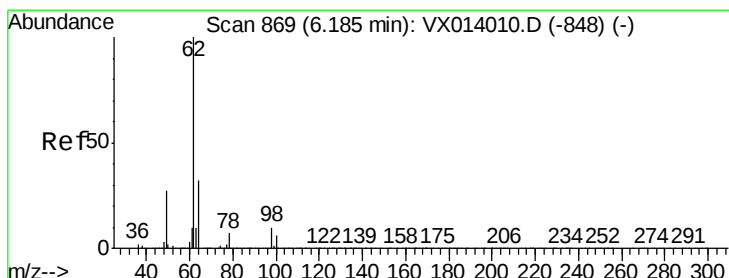
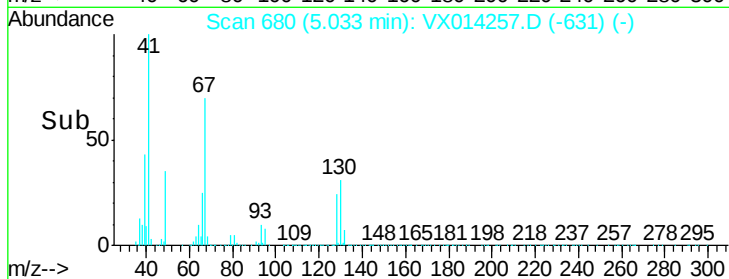
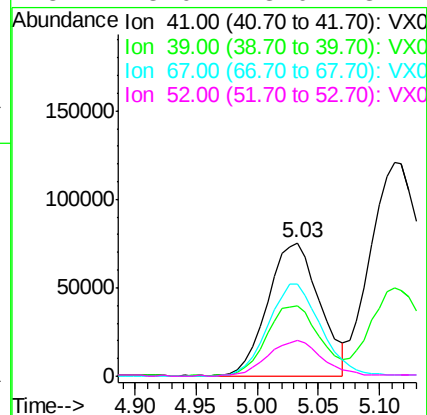
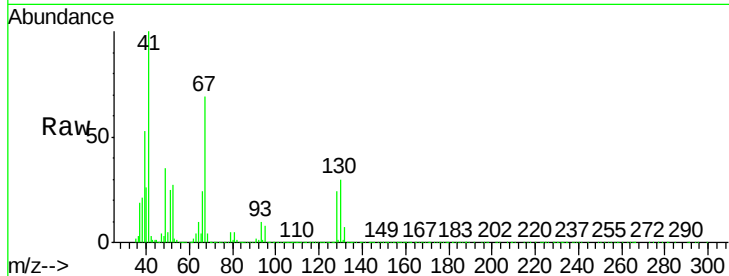
#41
Methacrylonitrile
Concen: 51.338 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		221329		
39	54.5	44.5	66.7		
67	70.6	57.4	86.0		
52	28.0	23.0	34.4		

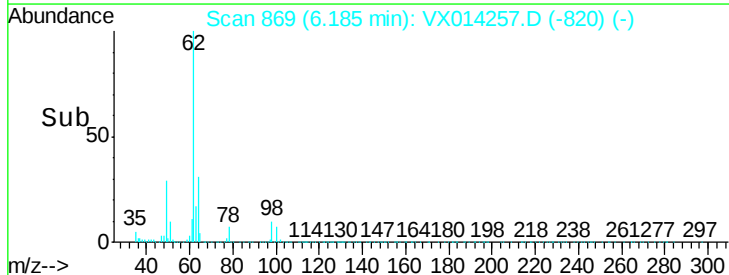
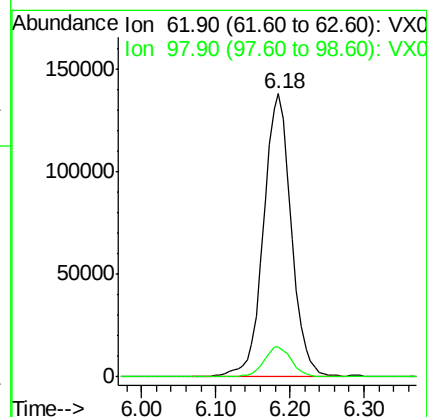
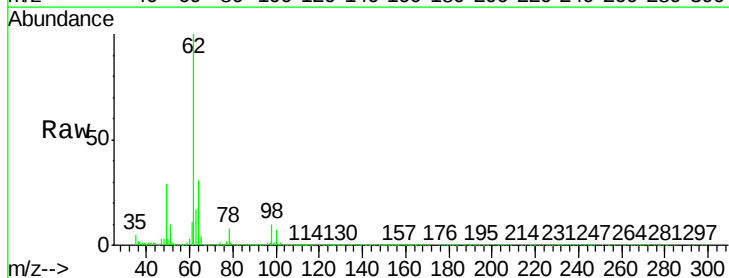
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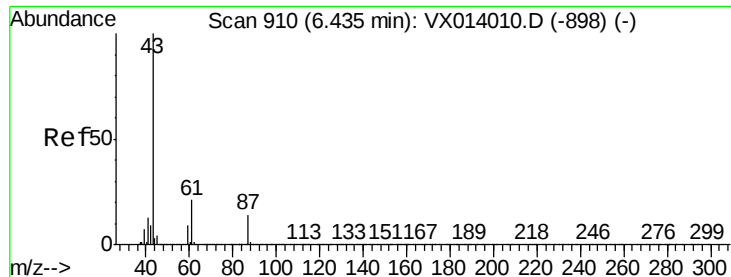
apatel
12/26/2019 9:24:53 AM



#42
1,2-Dichloroethane
Concen: 48.886 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		358762		
98	10.5	0.0	21.0		





#43

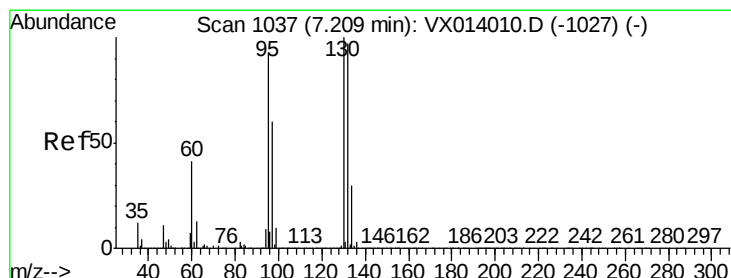
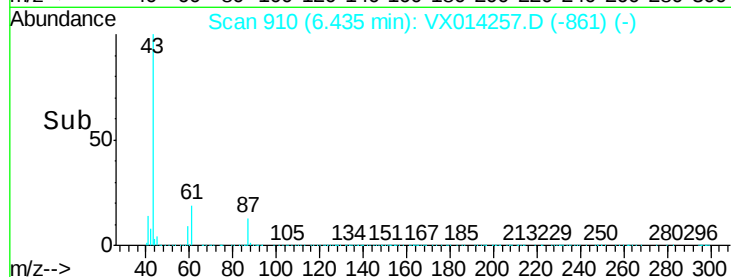
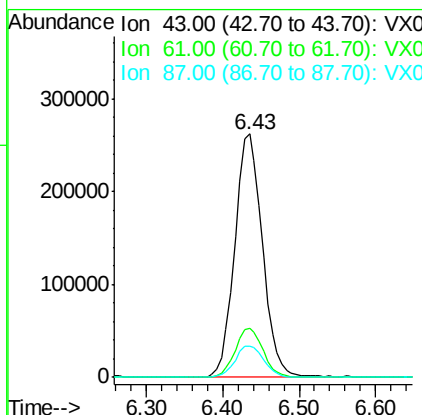
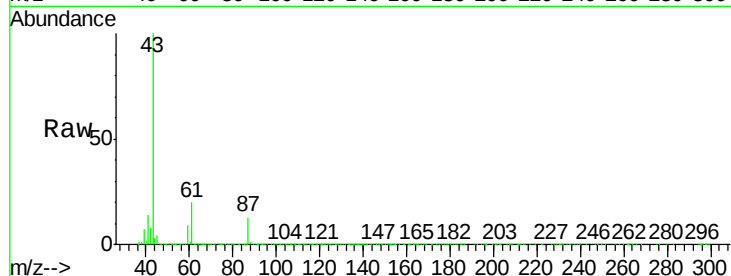
Isopropyl Acetate
 Concen: 50.919 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	654767
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.4	24.6
87	13.4	10.7	16.1

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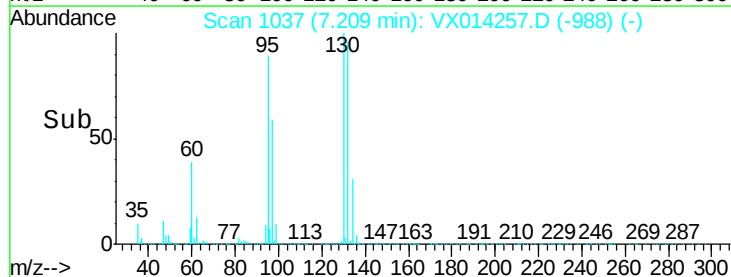
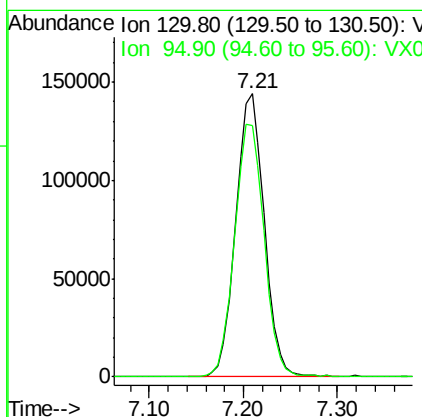
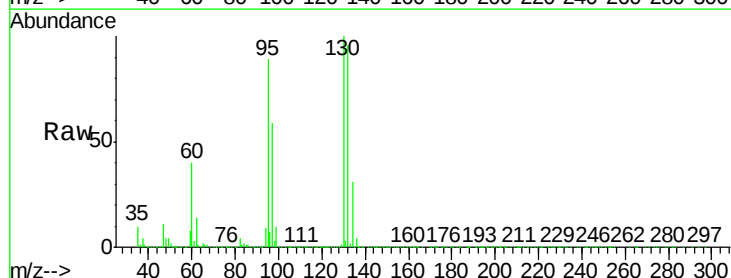
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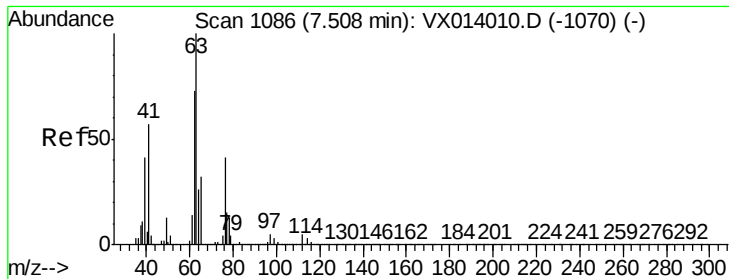


#44

Trichloroethene
 Concen: 50.806 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion:	130	Resp:	303813
Ion Ratio	Lower	Upper	
130	100		
95	88.7	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.806 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 281922

Ion Ratio Lower Upper

63 100

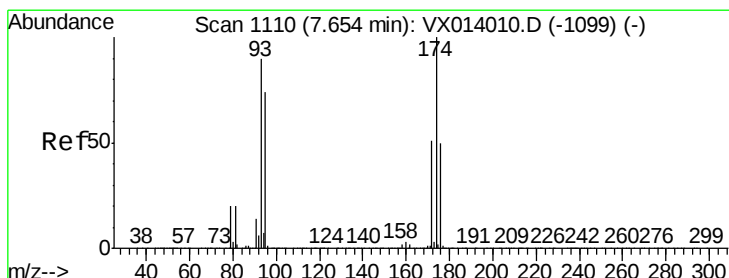
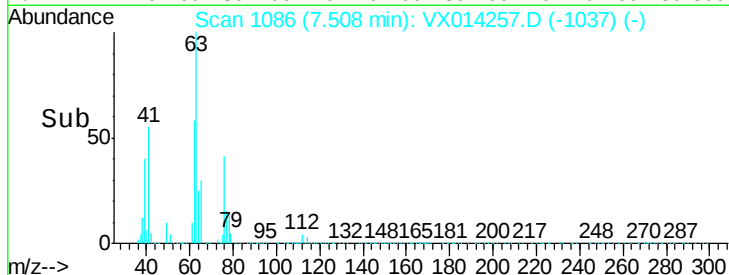
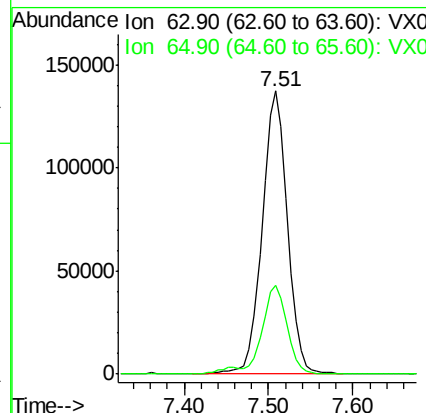
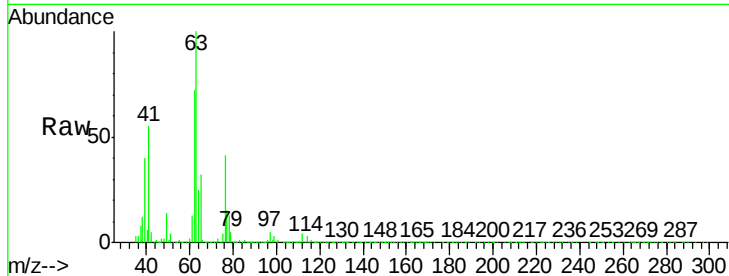
65 31.4 25.8 38.8

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#46

Dibromomethane

Concen: 48.465 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

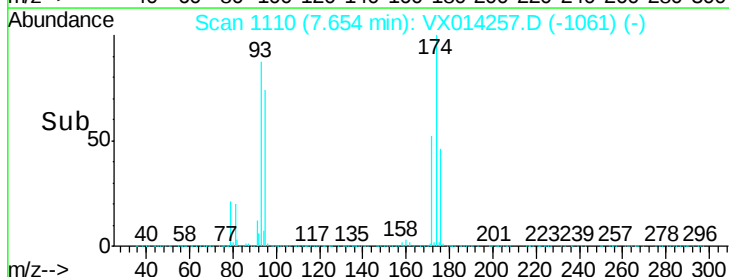
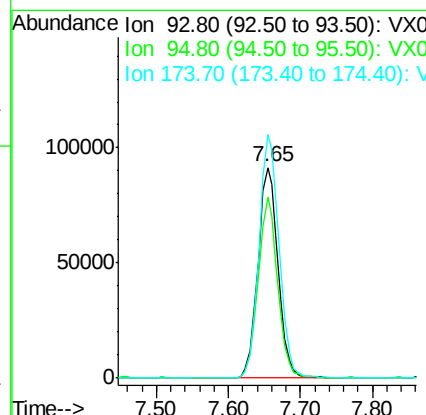
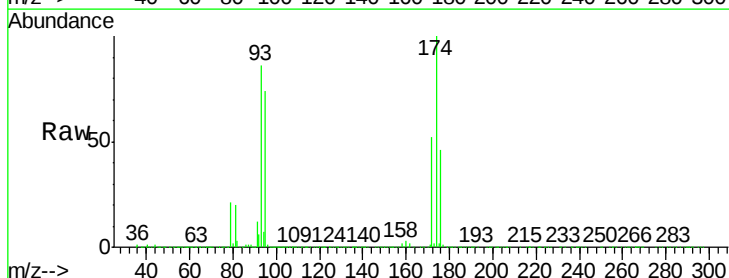
Tgt Ion: 93 Resp: 177807

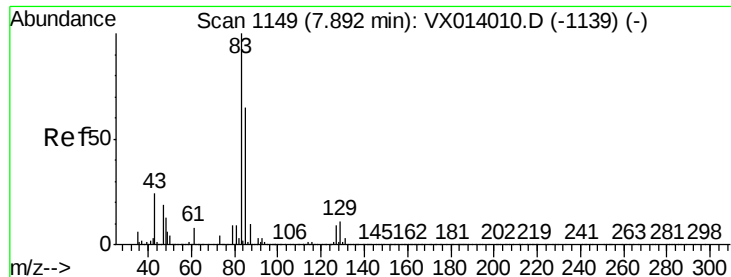
Ion Ratio Lower Upper

93 100

95 82.8 67.3 100.9

174 115.3 91.6 137.4





#47

Bromodichloromethane

Concen: 50.576 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

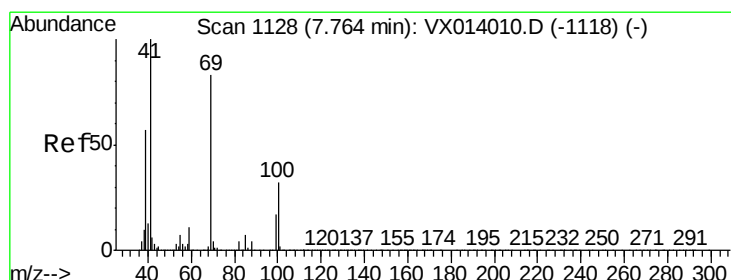
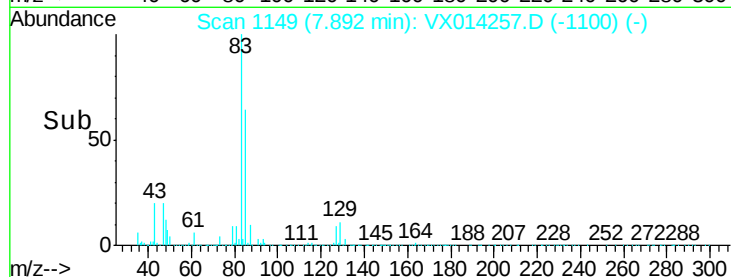
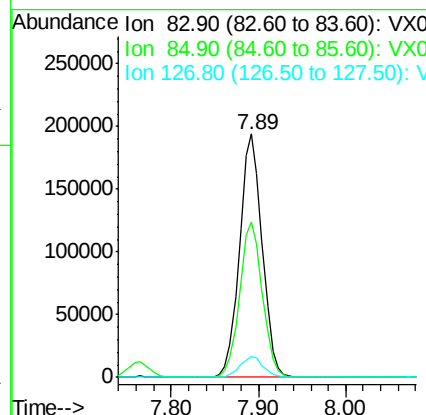
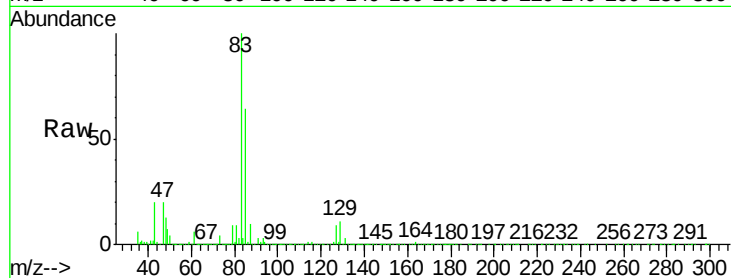
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	349454
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.8	77.8
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.922 ug/l

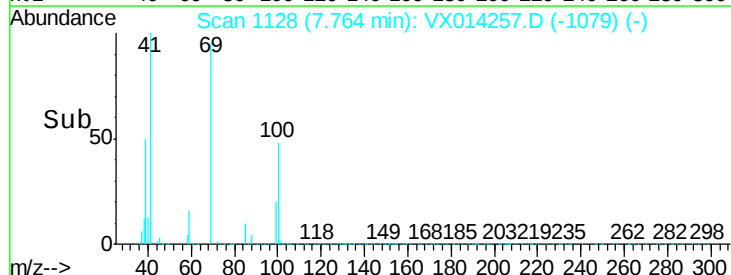
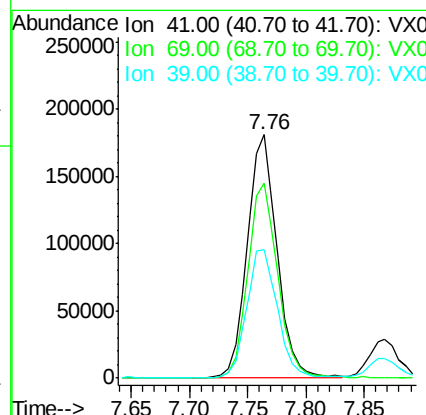
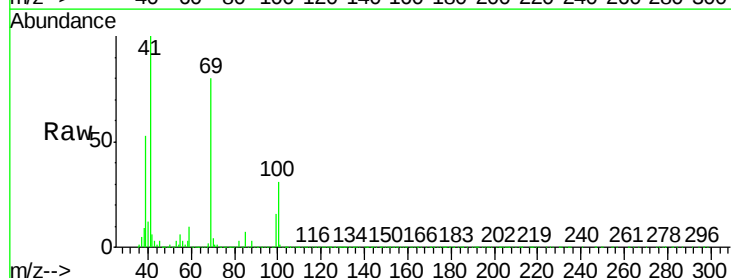
RT: 7.76 min Scan# 1128

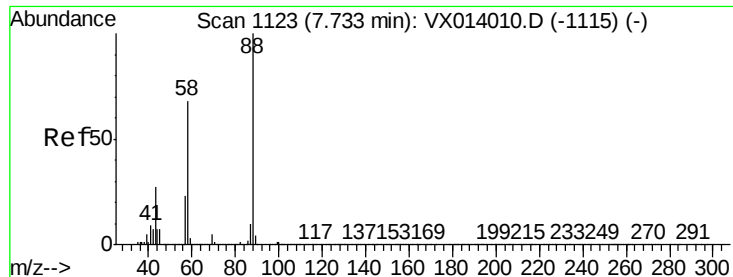
Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	41	Resp:	320641
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.8	98.6
39	54.7	44.6	67.0





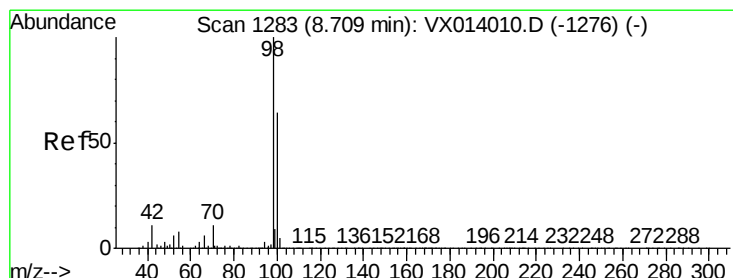
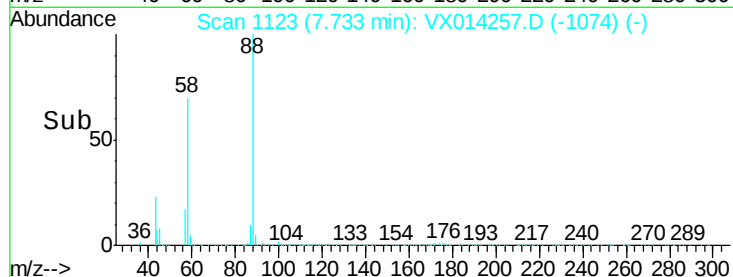
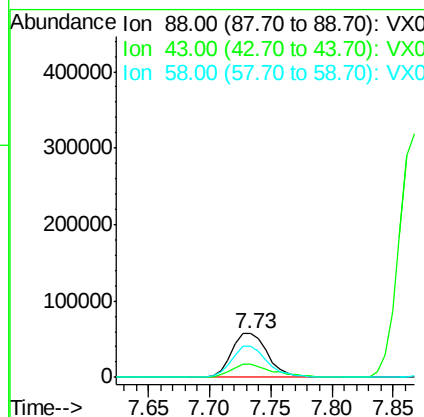
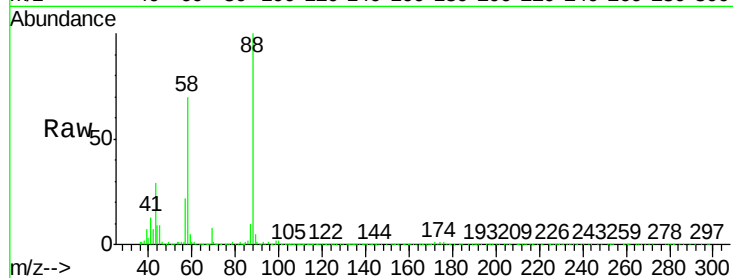
#49
1,4-Dioxane
Concen: 901.972 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.5	39.7
58	70.5	56.8	85.2

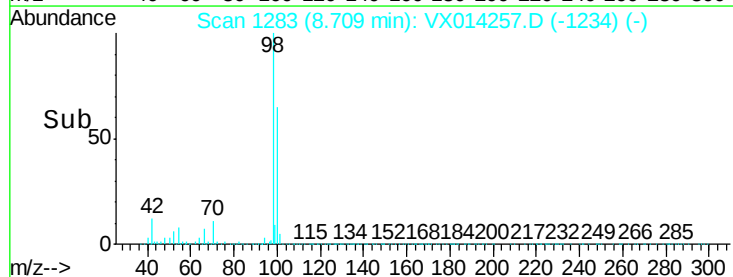
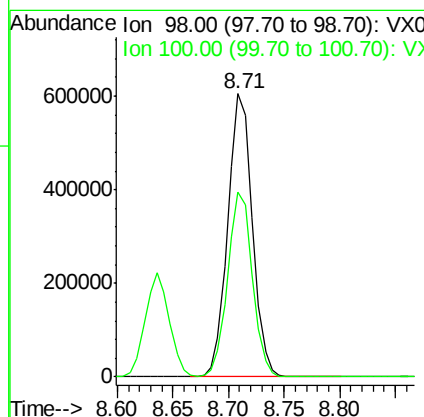
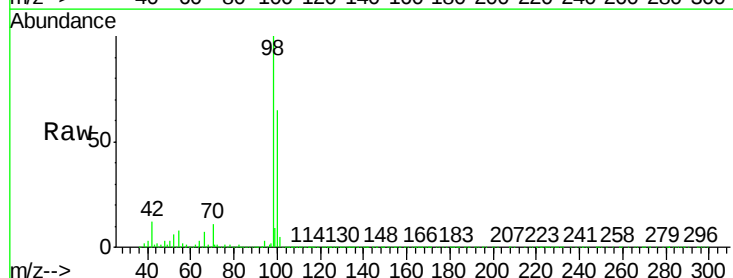
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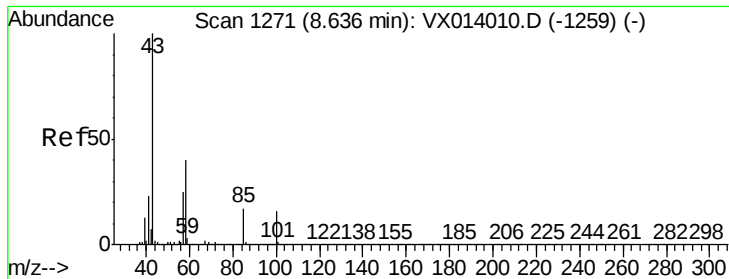
apatel
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#50
Toluene-d8
Concen: 50.779 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 253.599 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2047980

Ion Ratio Lower Upper

43 100

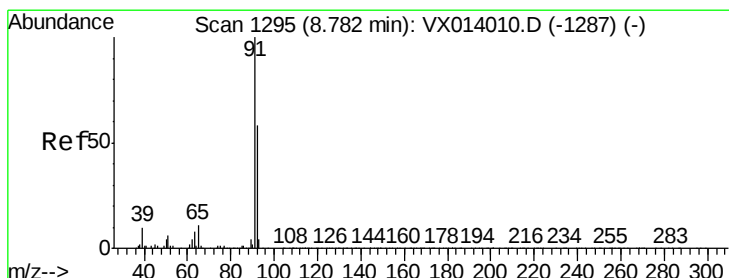
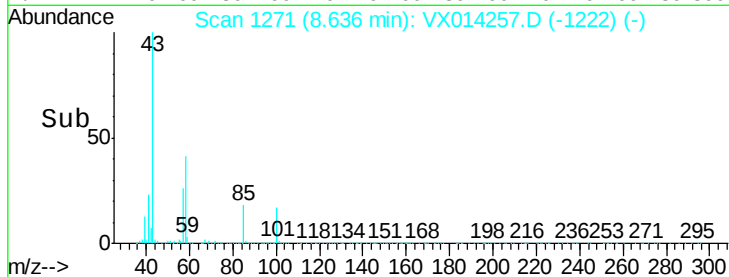
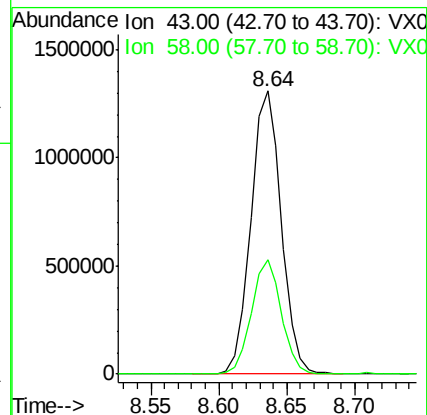
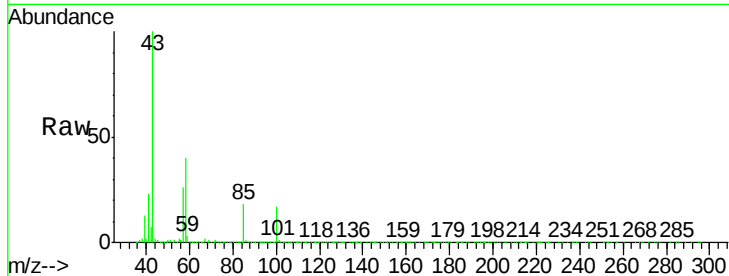
58 39.9 32.2 48.2

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#52

Toluene

Concen: 48.016 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014257.D

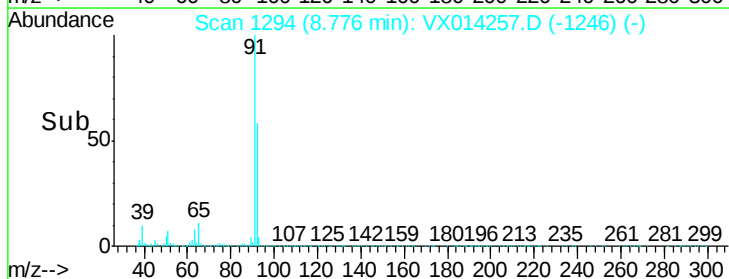
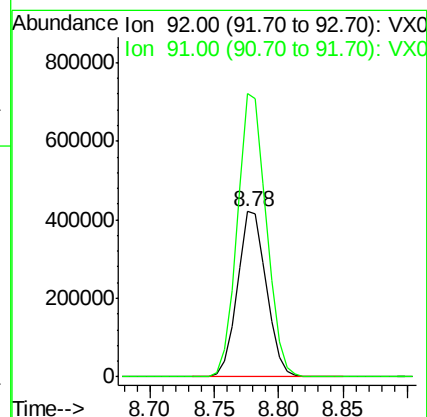
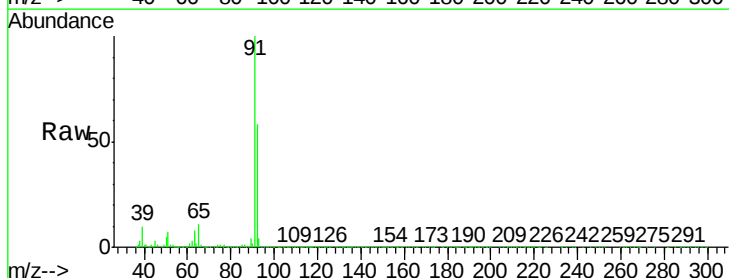
Acq: 24 Dec 2019 19:54

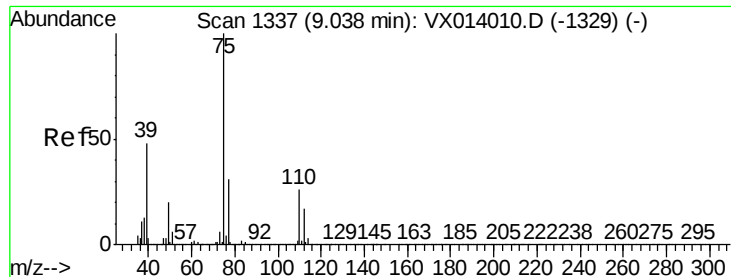
Tgt Ion: 92 Resp: 657062

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 50.732 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 384359

Ion Ratio Lower Upper

75 100

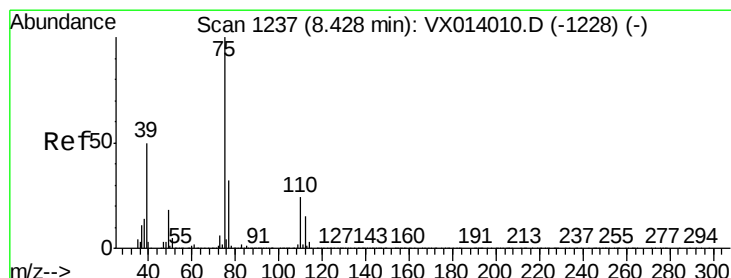
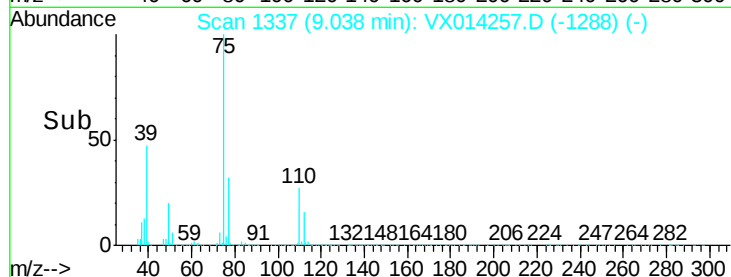
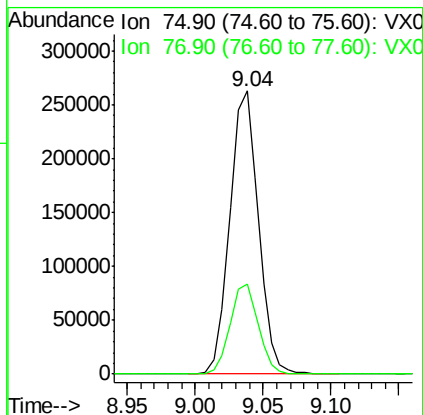
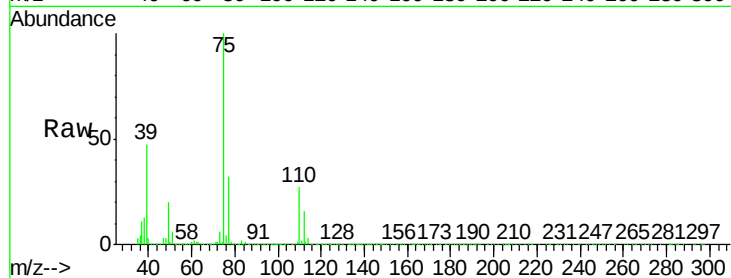
77 31.7 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 50.507 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

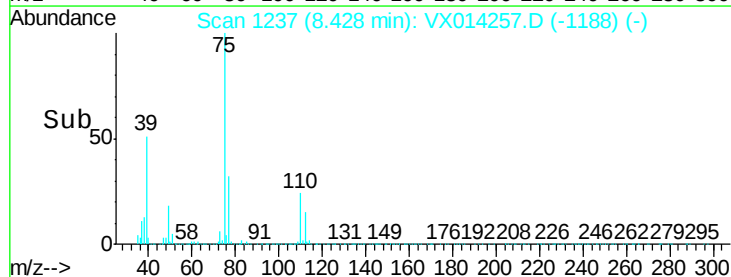
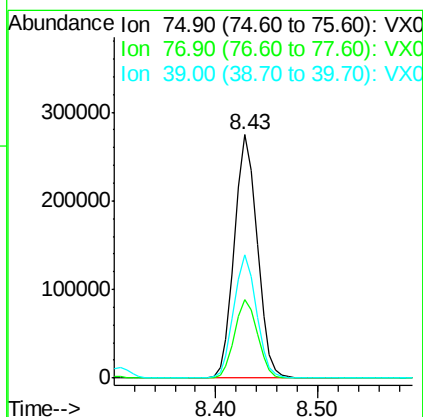
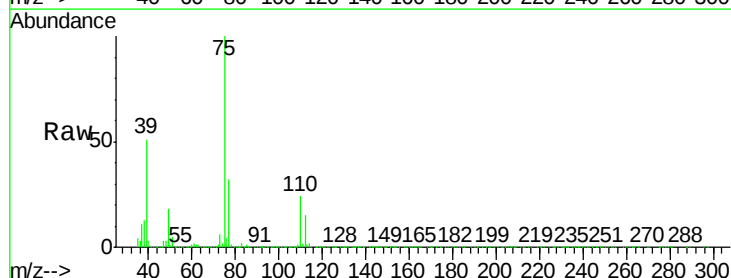
Tgt Ion: 75 Resp: 426304

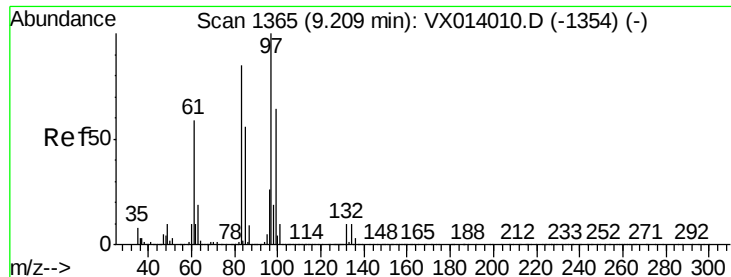
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 50.6 39.9 59.9





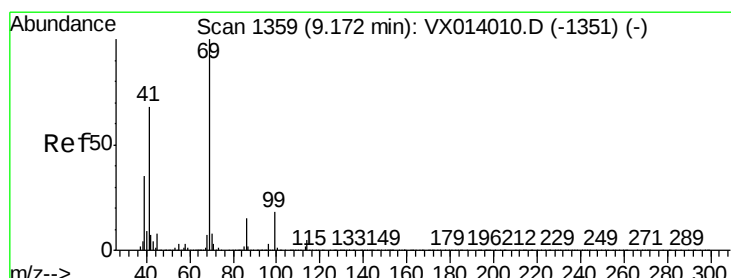
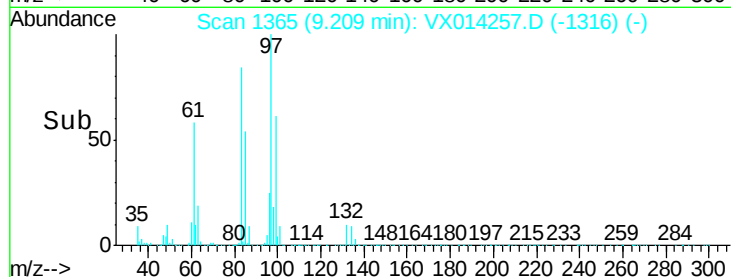
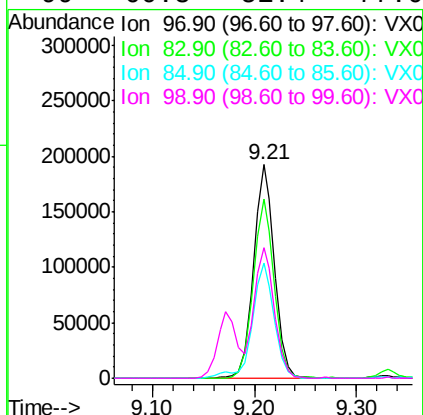
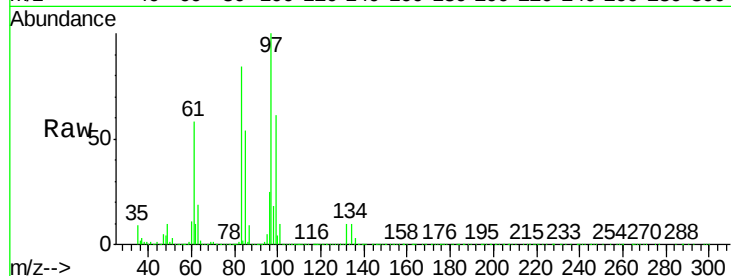
#55
 1,1,2-Trichloroethane
 Concen: 50.450 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		276694		
83	83.5	68.2	102.4		
85	53.9	44.6	66.8		
99	60.8	51.4	77.0		

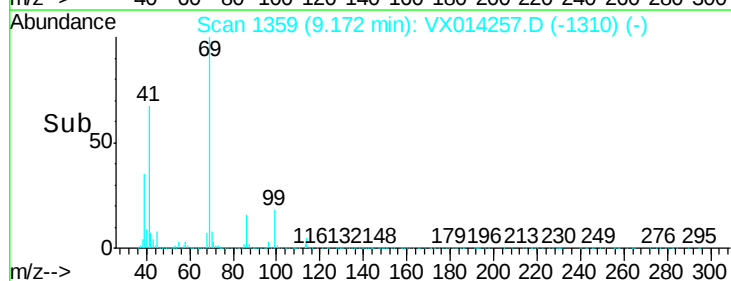
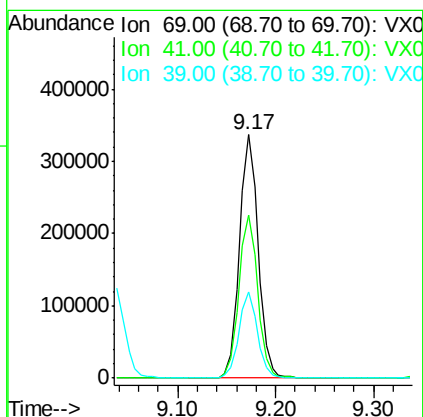
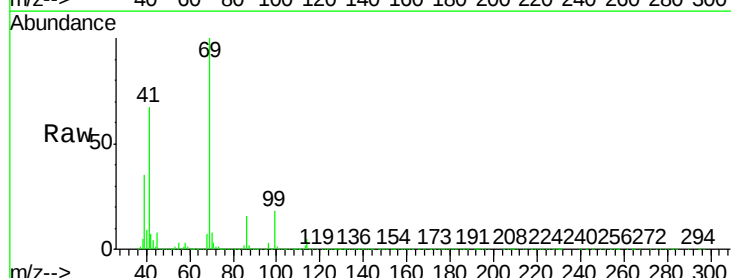
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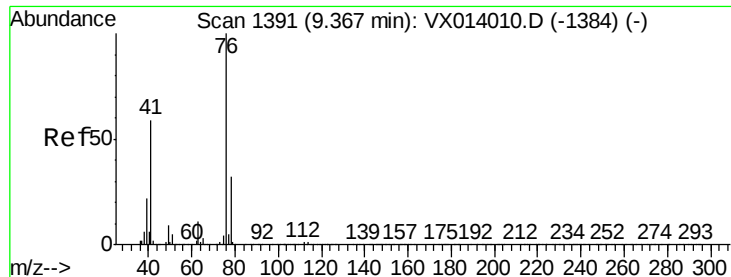
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#56
 Ethyl methacrylate
 Concen: 52.102 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		448869		
41	67.1	54.8	82.2		
39	34.8	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 49.941 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 460838

Ion Ratio Lower Upper

76 100

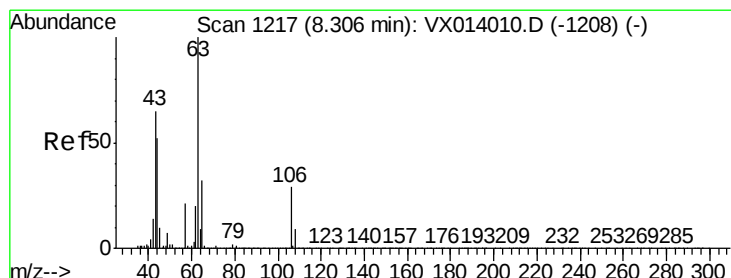
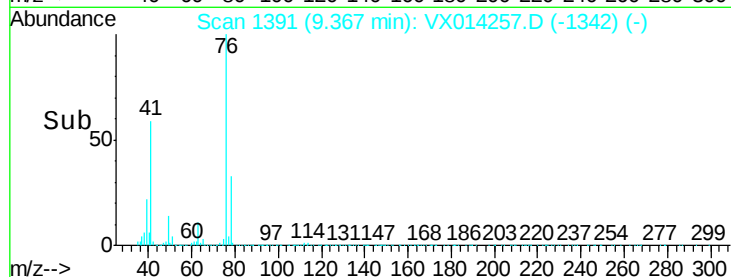
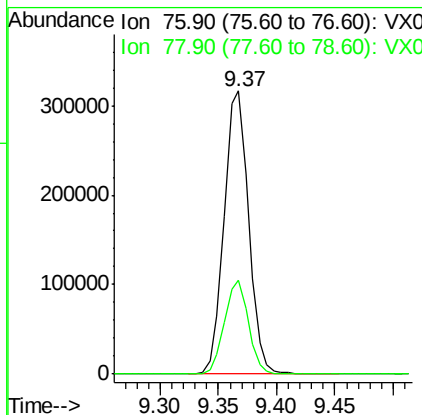
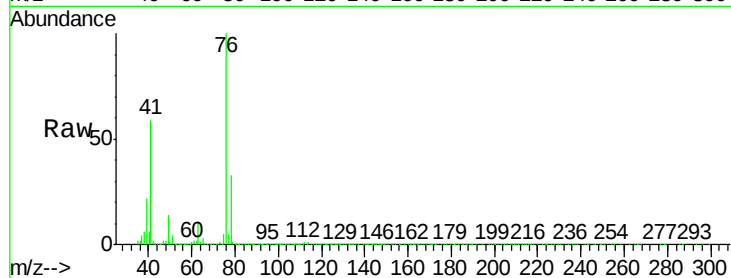
78 32.3 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 266.579 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014257.D

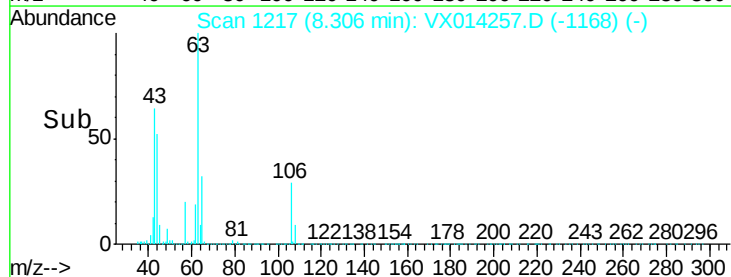
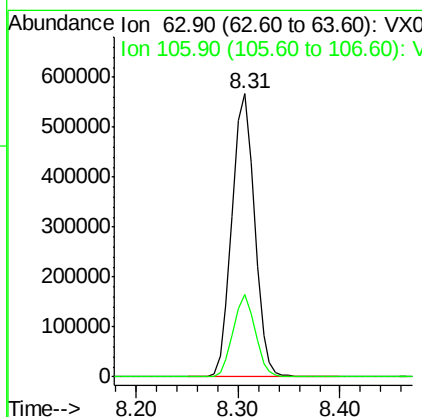
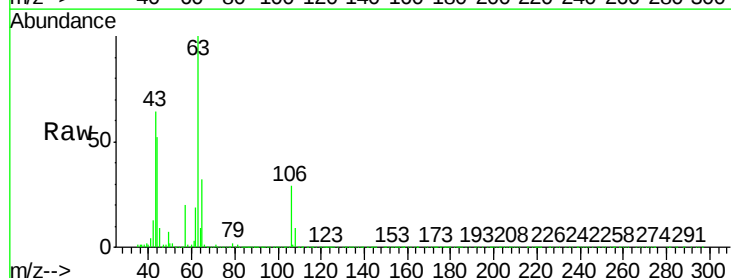
Acq: 24 Dec 2019 19:54

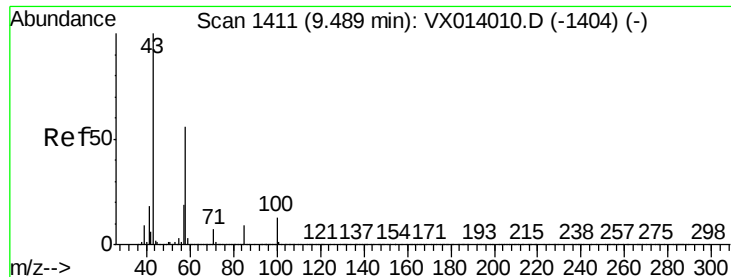
Tgt Ion: 63 Resp: 869125

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6





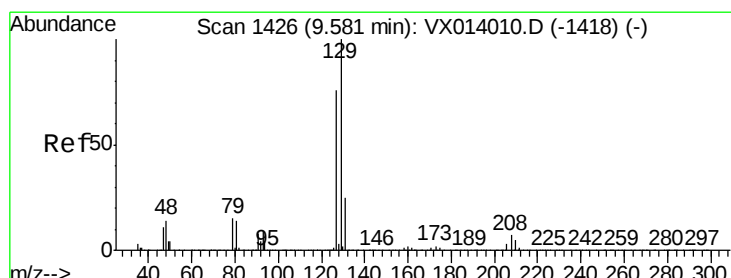
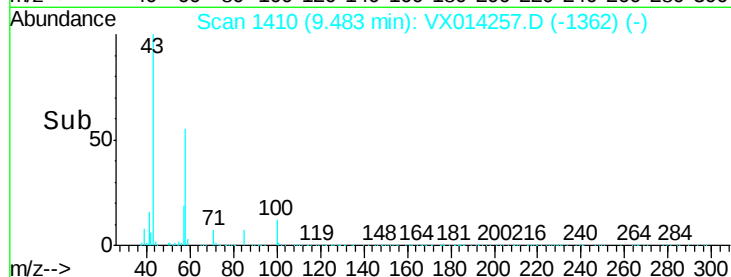
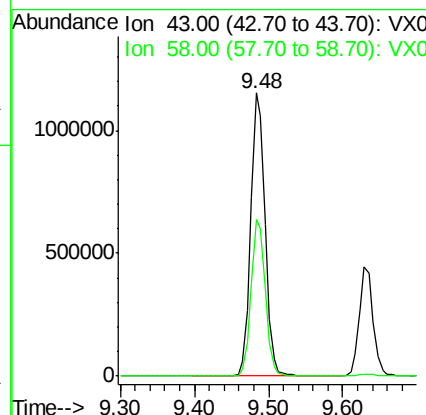
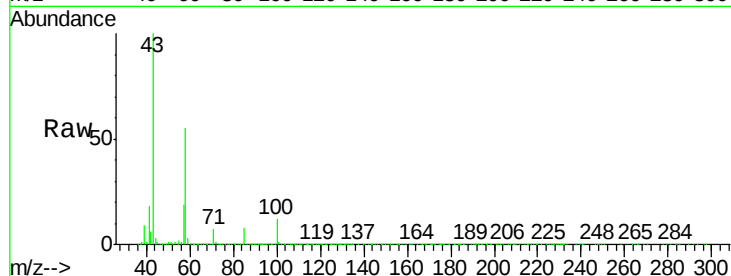
#59
2-Hexanone
Concen: 239.307 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1555721
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0

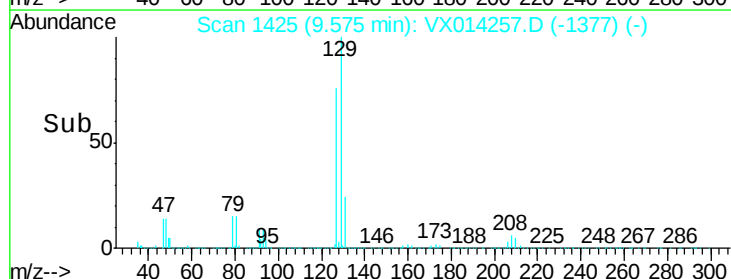
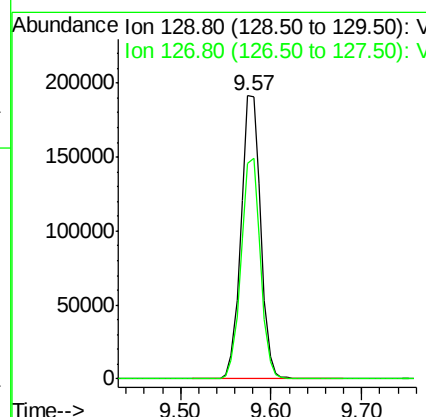
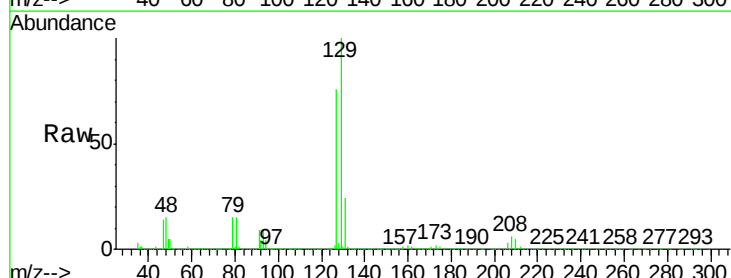
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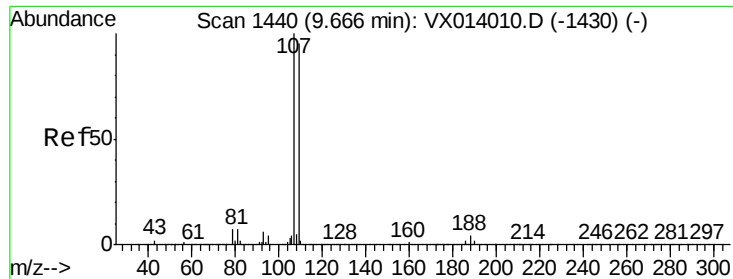
apatel
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#60
Dibromochloromethane
Concen: 52.691 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 129 Resp: 287251
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





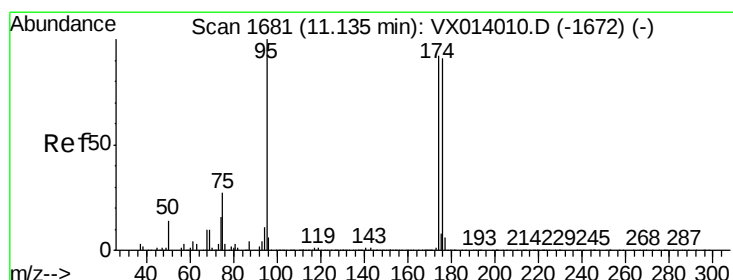
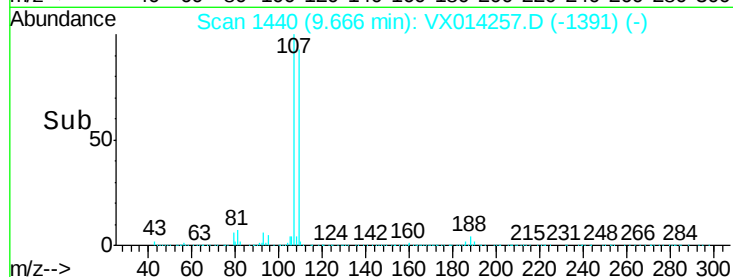
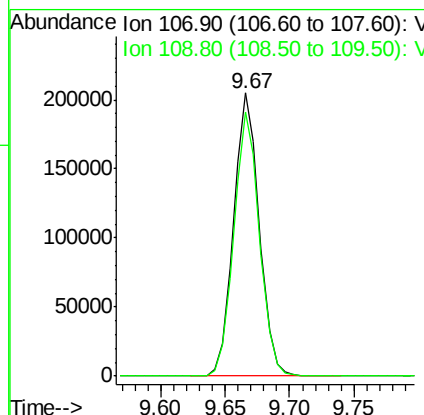
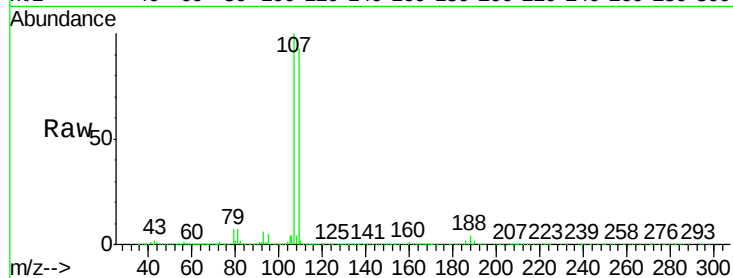
#61
 1,2-Dibromoethane
 Concen: 50.547 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	283643		
109	93.4	75.7	113.5	

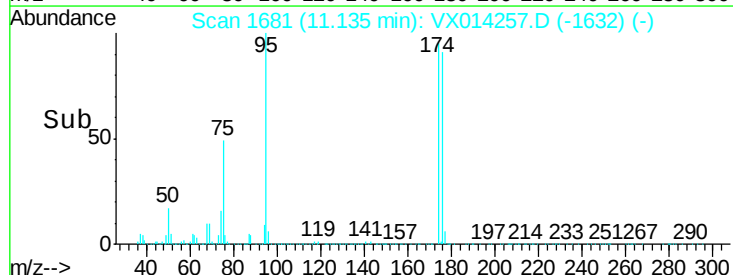
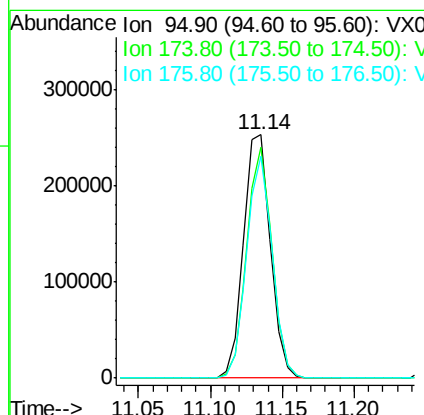
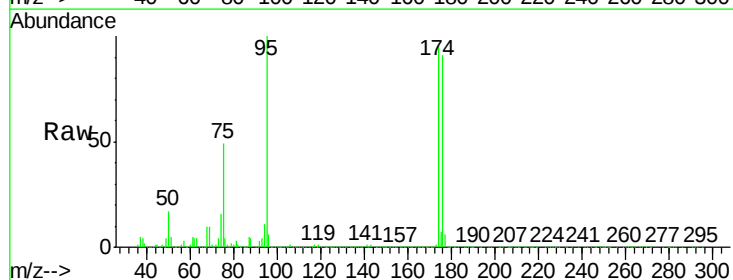
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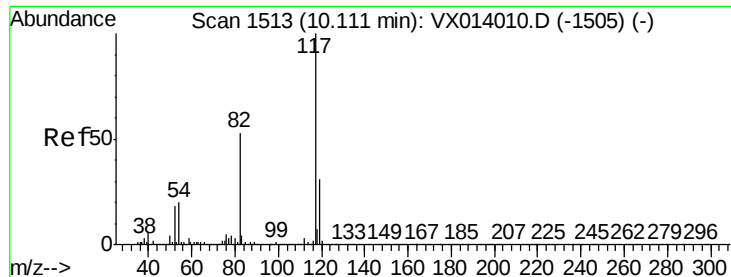
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#62
 4-Bromofluorobenzene
 Concen: 49.534 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	328617		
174	88.9	0.0	175.8	
176	86.5	0.0	173.0	





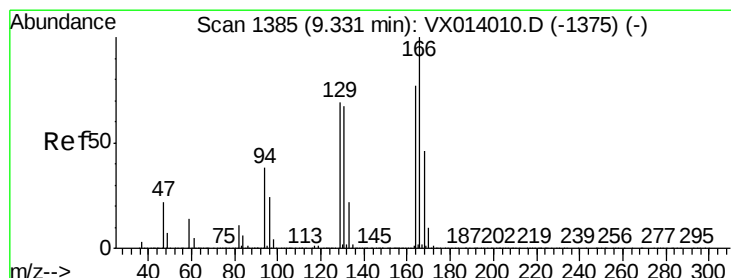
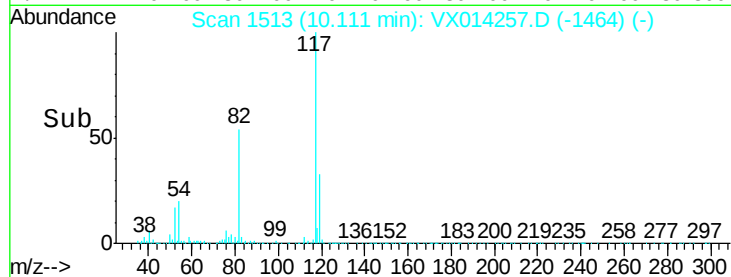
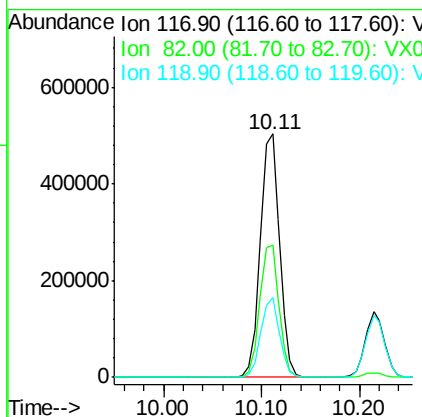
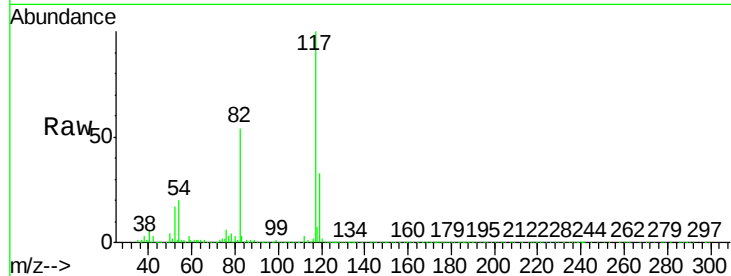
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.4
119	32.9	25.1	37.7

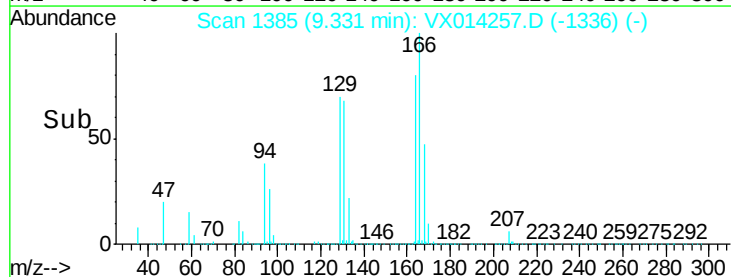
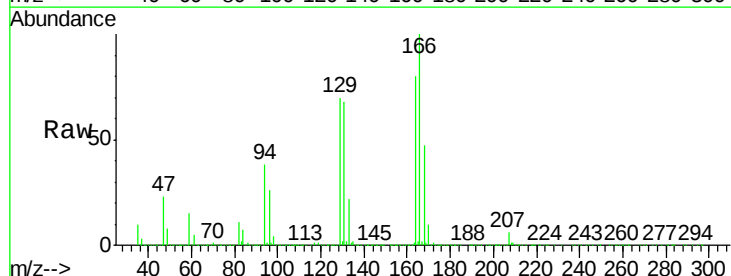
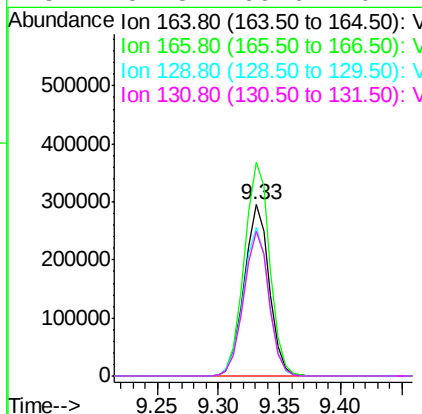
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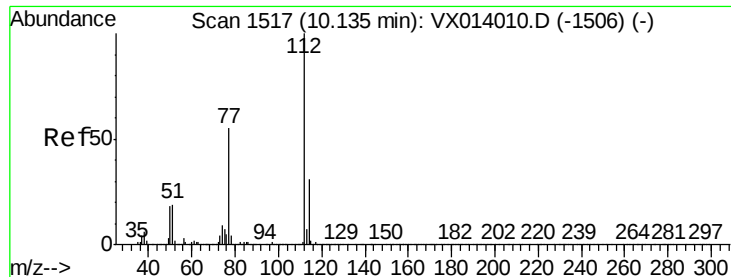
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#64
Tetrachloroethene
Concen: 68.187 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	104.0	156.0
129	87.1	72.2	108.4
131	84.8	69.6	104.4





#65

Chlorobenzene

Concen: 48.512 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 714445

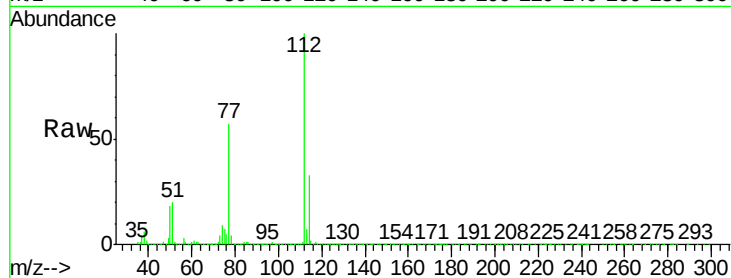
Ion Ratio Lower Upper

112 100

114 32.5 24.9 37.3

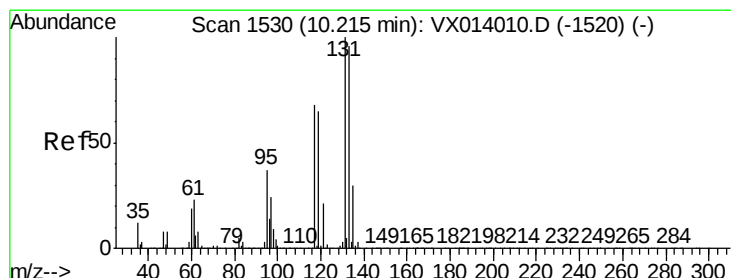
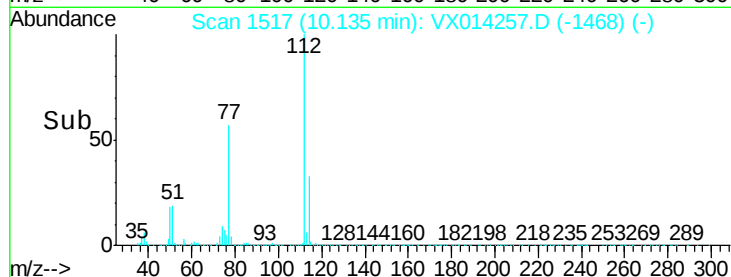
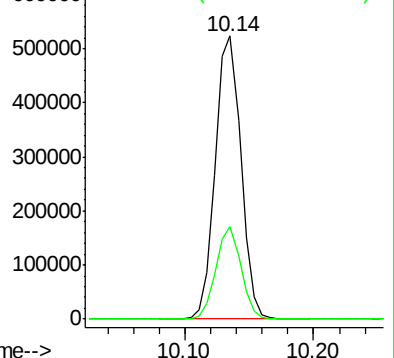
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.880 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

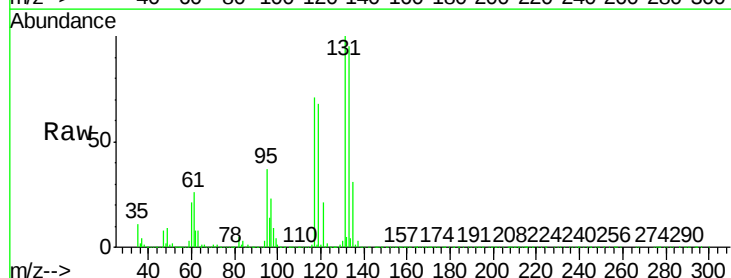
Tgt Ion:131 Resp: 262289

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.0

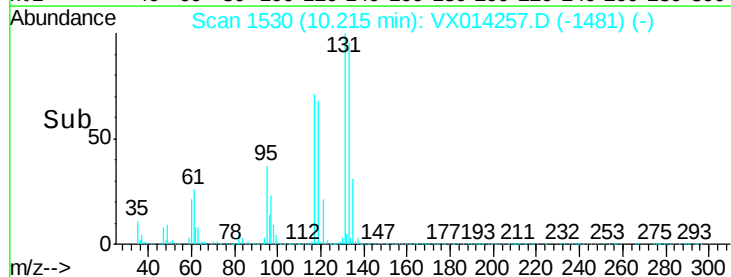
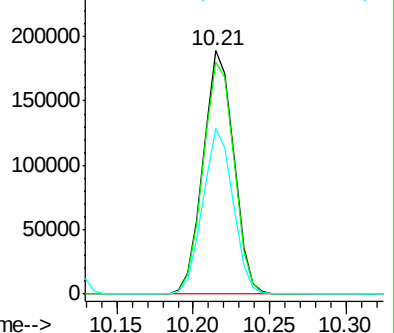
119 66.7 33.4 100.2

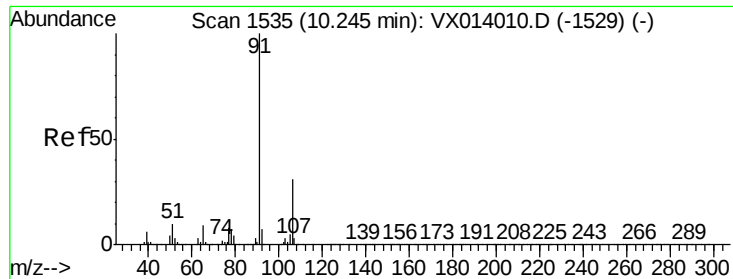


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





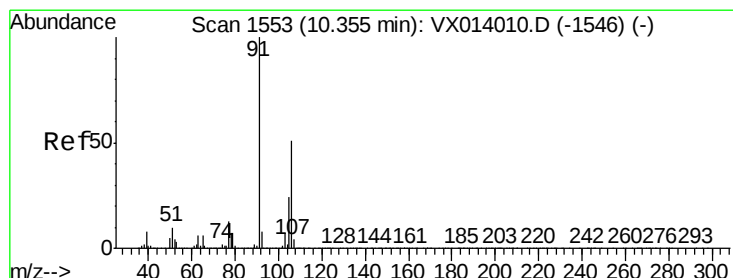
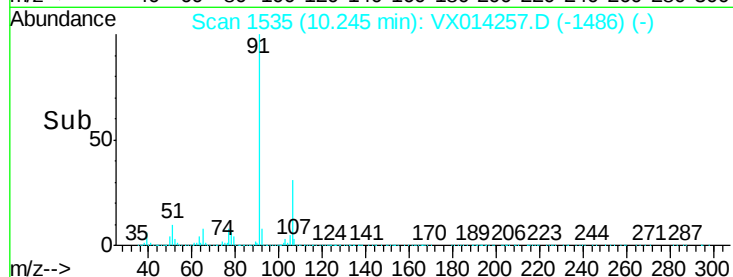
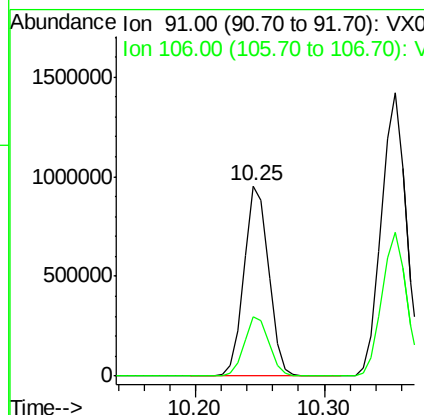
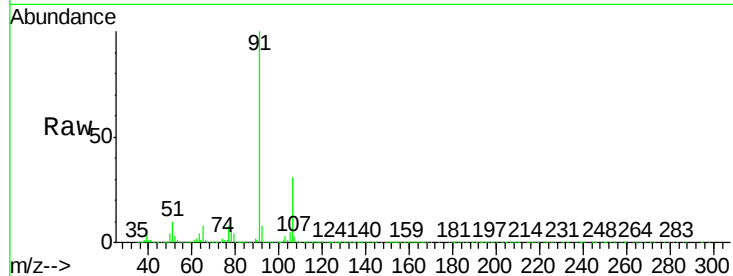
#67
Ethyl Benzene
Concen: 49.467 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1252469
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

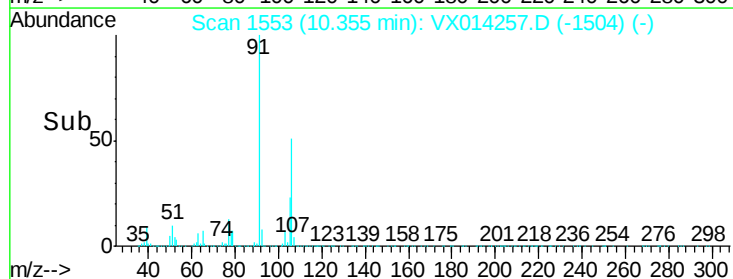
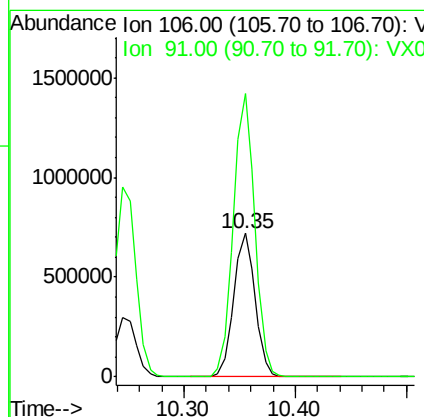
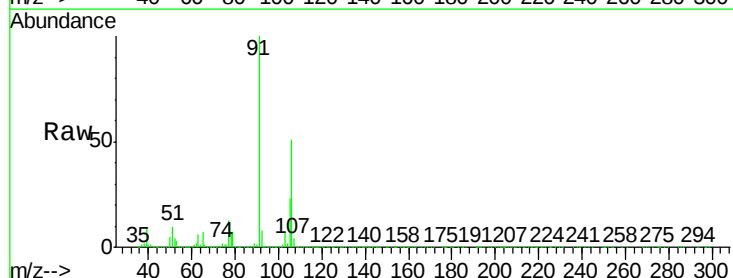
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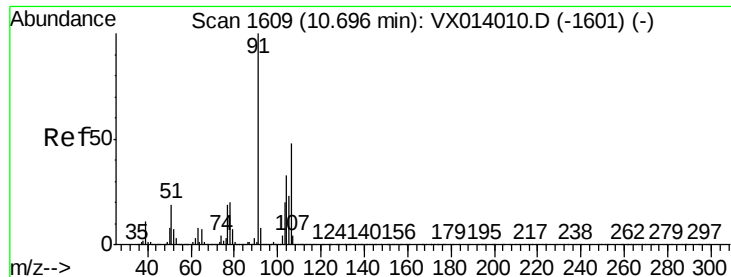
apatel
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#68
m/p-Xylenes
Concen: 98.081 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 106 Resp: 955127
Ion Ratio Lower Upper
106 100
91 197.8 158.6 238.0





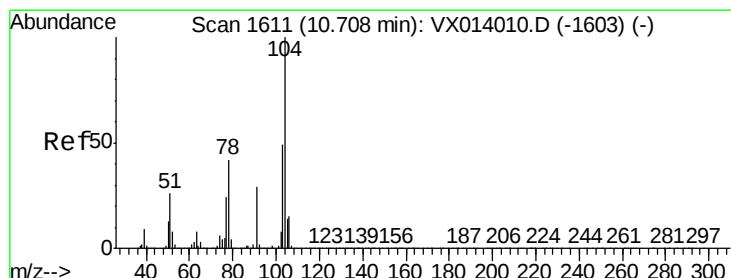
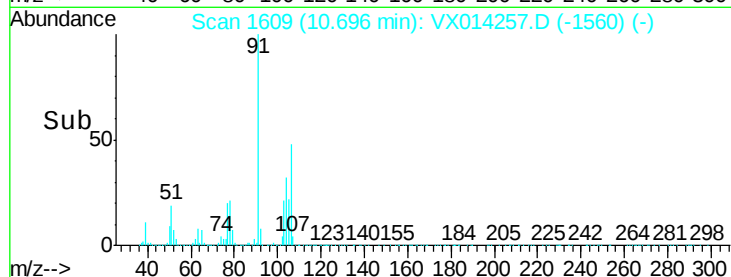
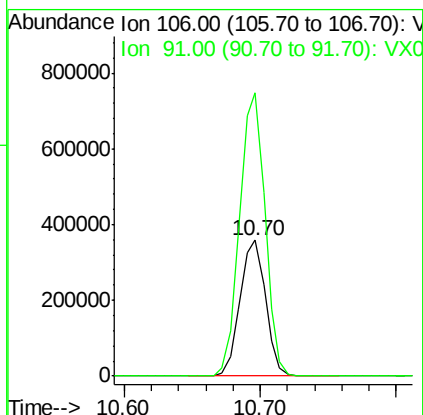
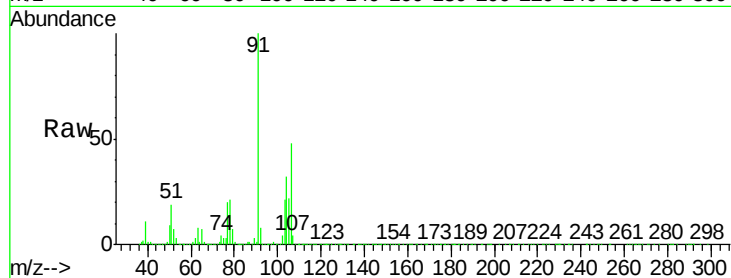
#69
o-Xylene
Concen: 49.042 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.2	104.2	312.6

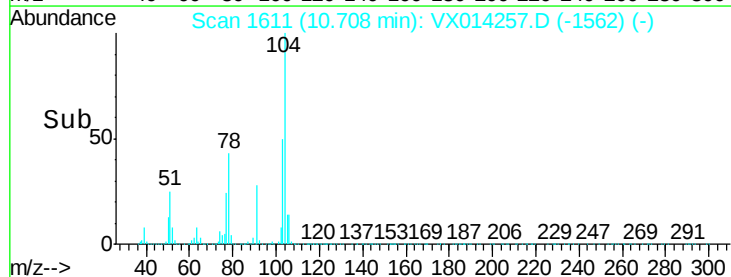
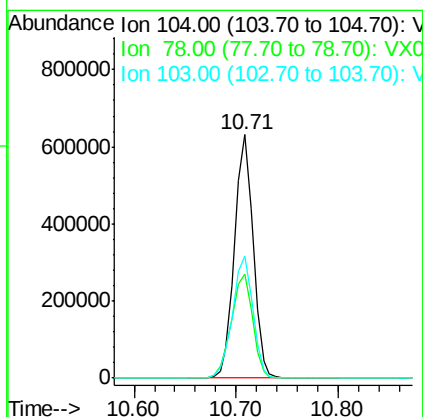
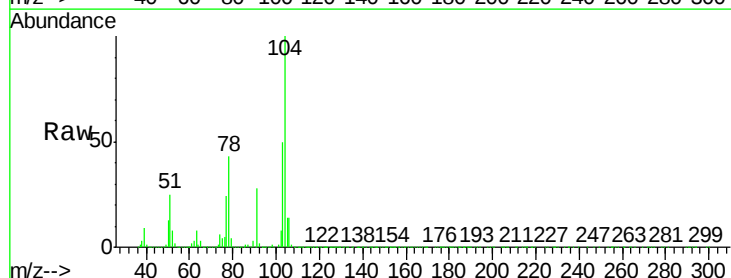
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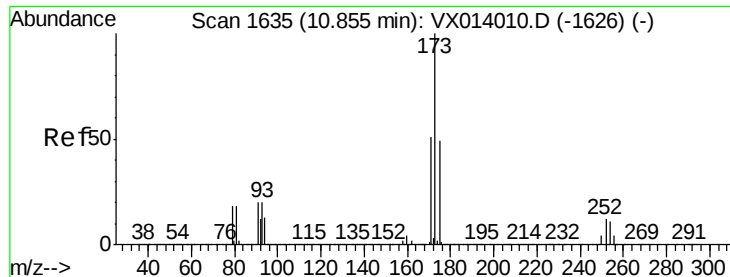
apatel
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#70
Styrene
Concen: 49.108 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	54.8	42.9	64.3





#71

Bromoform

Concen: 51.280 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 216756

Ion Ratio Lower Upper

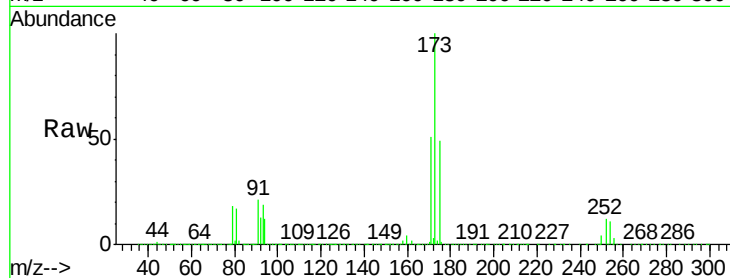
173 100

175 48.8 24.4 73.4

254 0.3 0.2 0.2#

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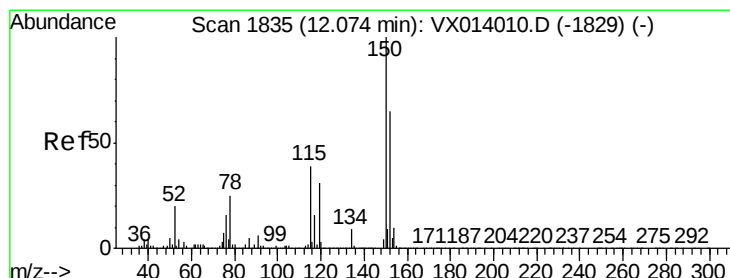
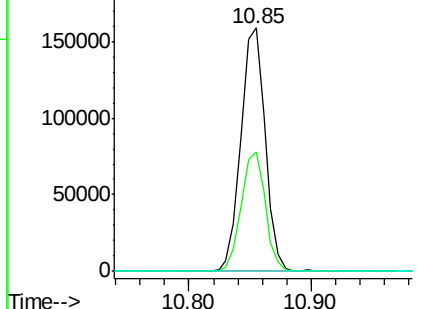
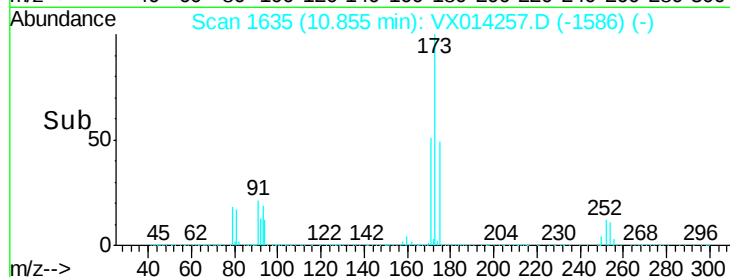
apatel
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX014257.D

Acq: 24 Dec 2019 19:54

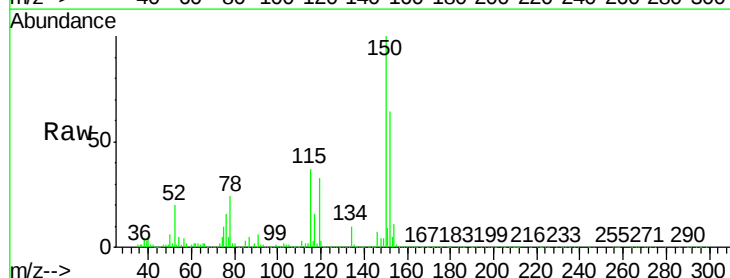
Tgt Ion:152 Resp: 336614

Ion Ratio Lower Upper

152 100

115 77.5 38.3 114.9

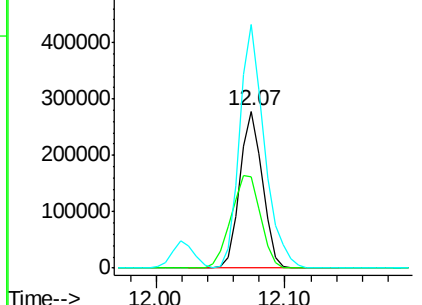
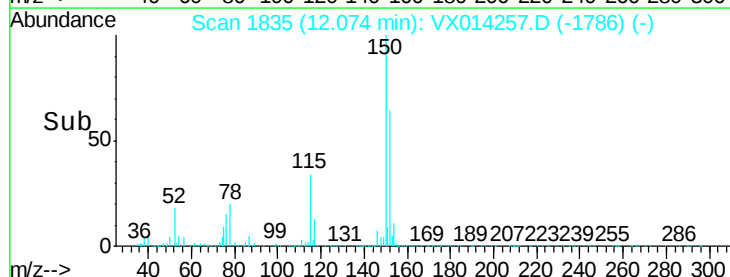
150 171.2 0.0 345.4

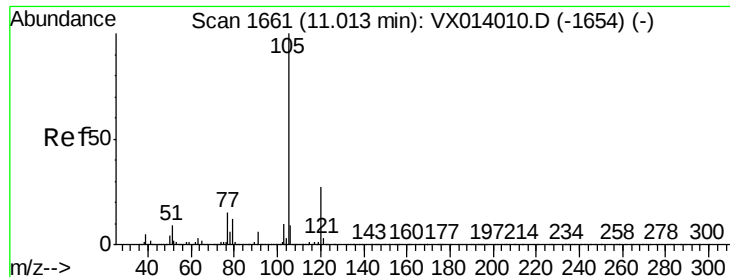


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.556 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1221897

Ion Ratio Lower Upper

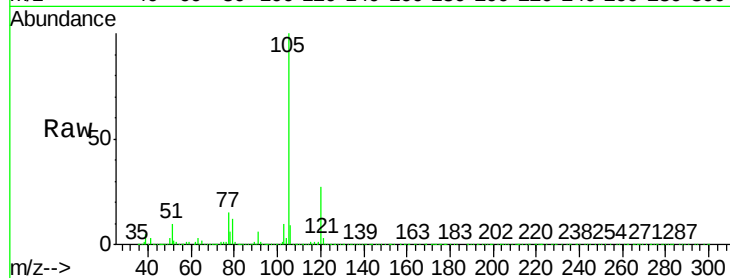
105 100

120 27.0 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

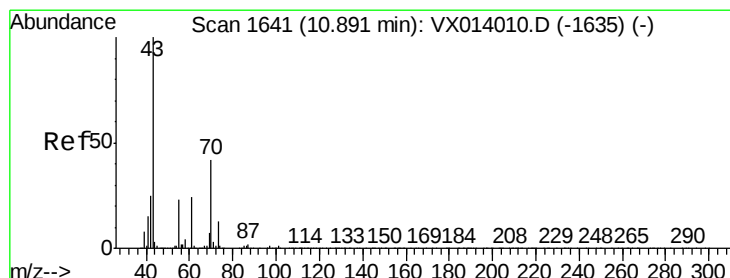
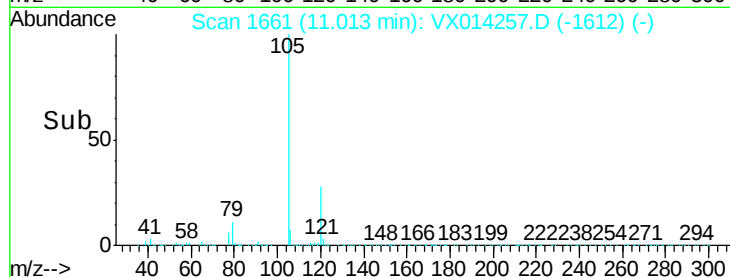
600000

400000

200000

0

Time--> 10.90 11.01 11.10



#74

N-ethyl acetate

Concen: 51.171 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion: 43 Resp: 568470

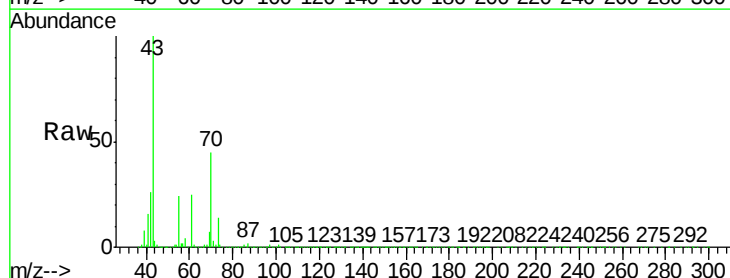
Ion Ratio Lower Upper

43 100

70 43.7 34.4 51.6

55 23.8 19.1 28.7

61 24.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

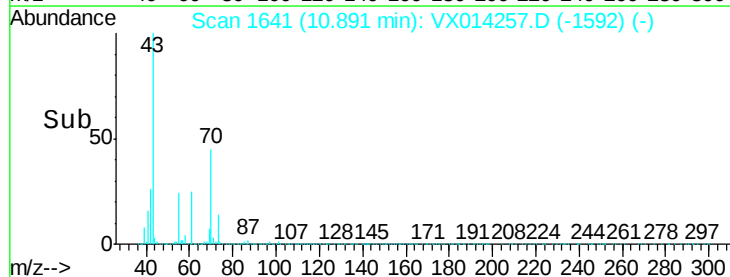
600000

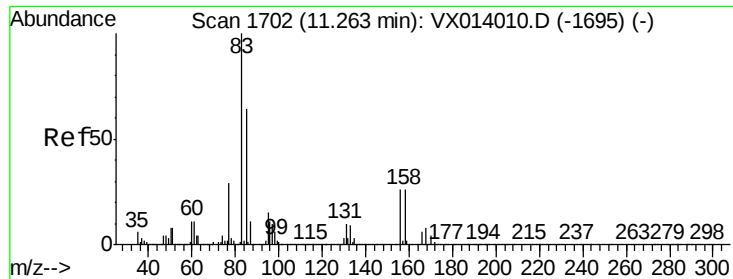
400000

200000

0

Time--> 10.80 10.89 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.619 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

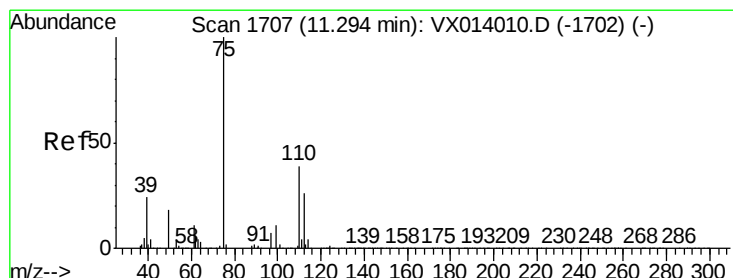
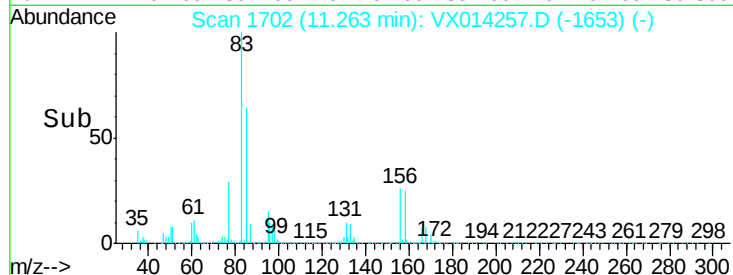
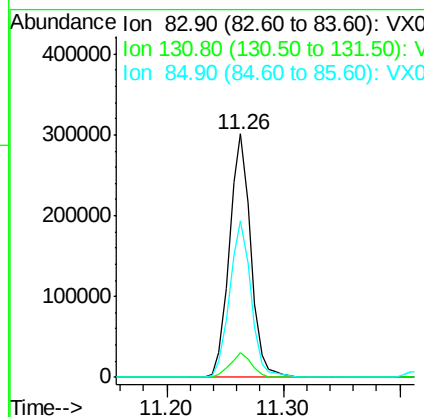
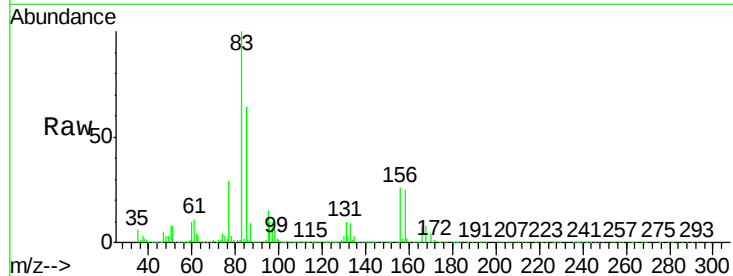
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	383051
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 46.439 ug/l m

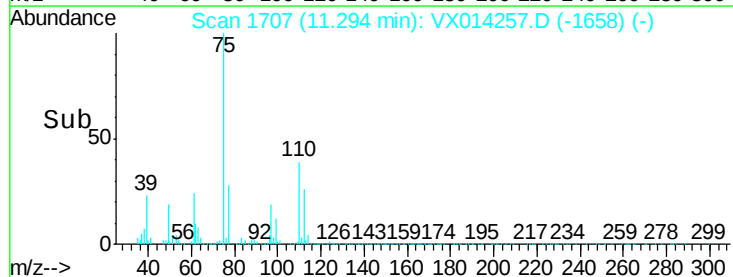
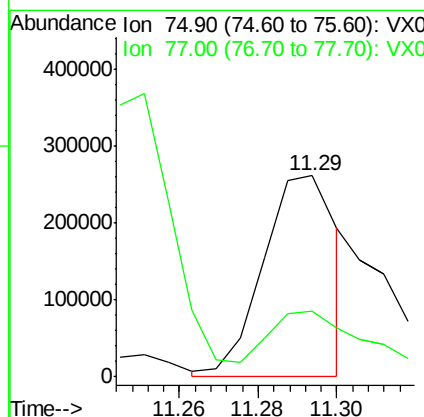
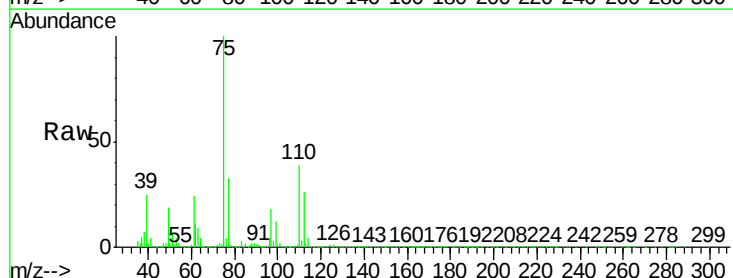
RT: 11.29 min Scan# 1707

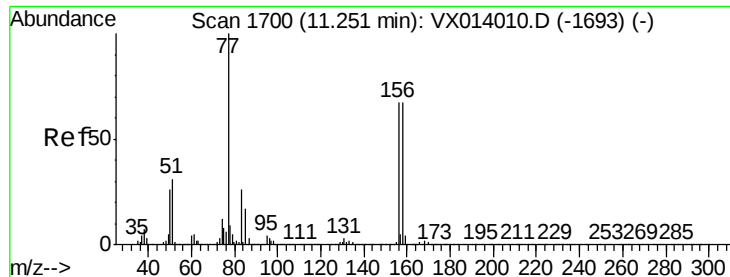
Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	75	Resp:	339371
Ion Ratio	Lower	Upper	
75	100		
77	43.8	19.3	57.8





#77

Bromobenzene

Concen: 49.342 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

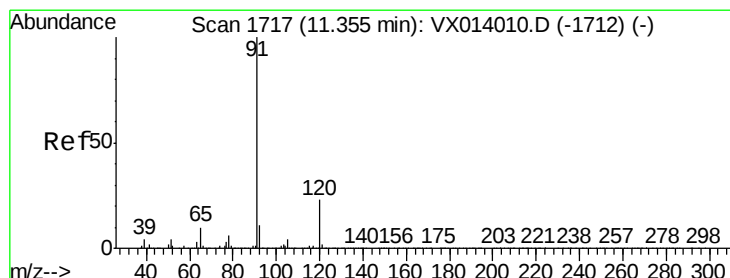
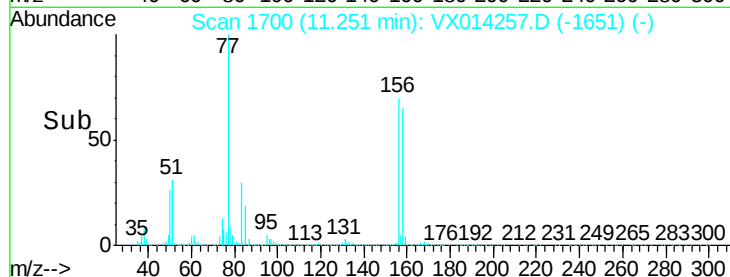
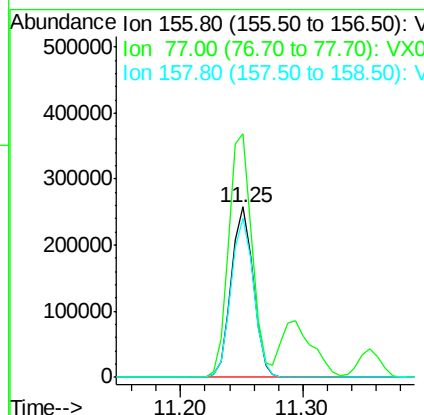
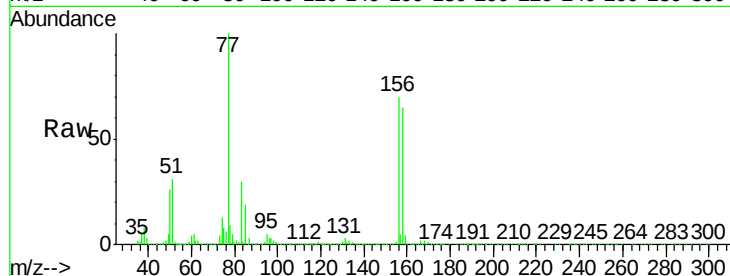
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	321747
Ion Ratio	Lower	Upper	
156	100		
77	150.8	76.5	229.5
158	95.8	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 51.705 ug/l

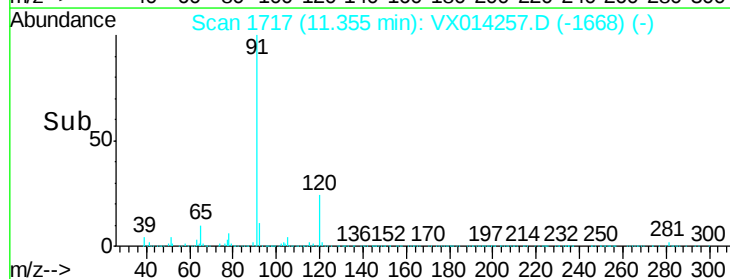
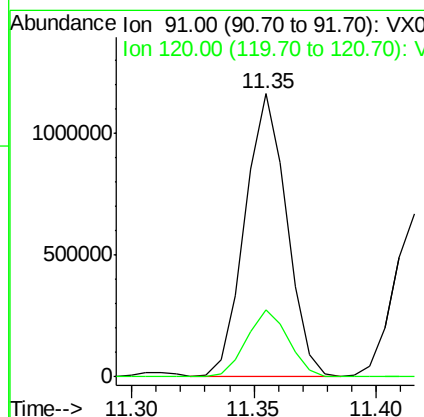
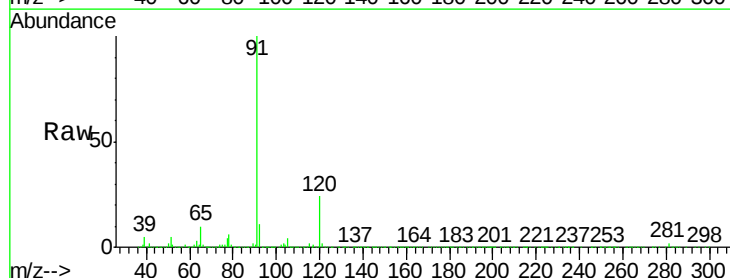
RT: 11.35 min Scan# 1717

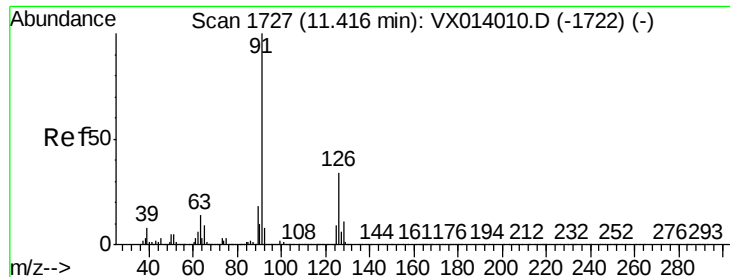
Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	91	Resp:	1374512
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.7	35.0





#79

2-Chlorotoluene

Concen: 50.444 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 815167

Ion Ratio Lower Upper

91 100

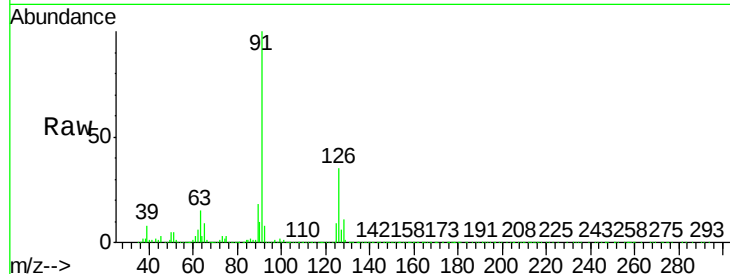
126 34.7 17.2 51.6

Manual Integrations

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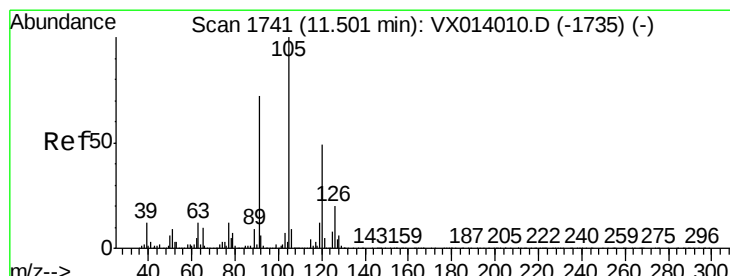
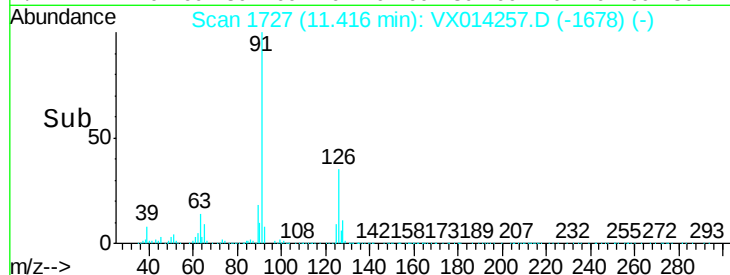
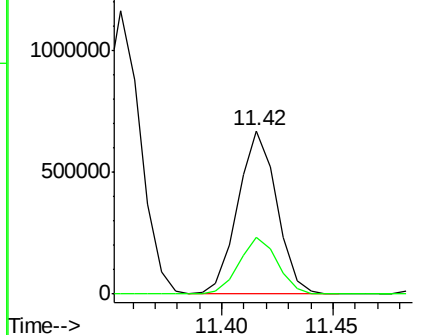
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Abundance Ion 91.00 (90.70 to 91.70): VX014010.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014010.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.492 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014257.D

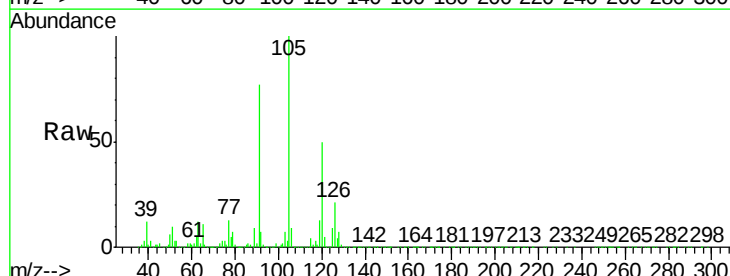
Acq: 24 Dec 2019 19:54

Tgt Ion: 105 Resp: 1007124

Ion Ratio Lower Upper

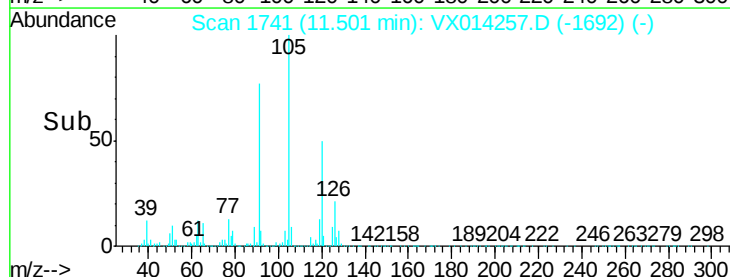
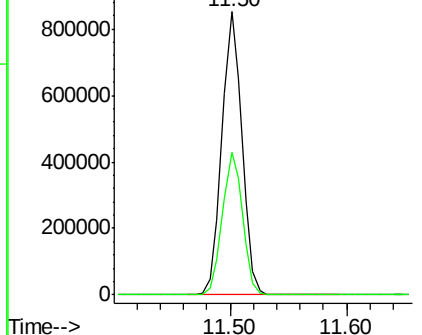
105 100

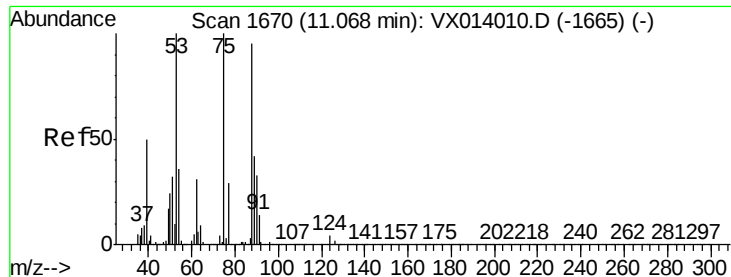
120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX014010.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014010.D (-1735) (-)





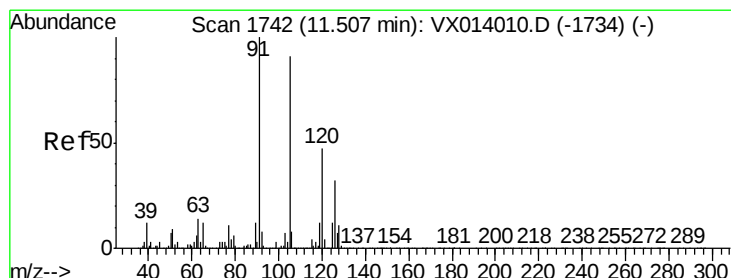
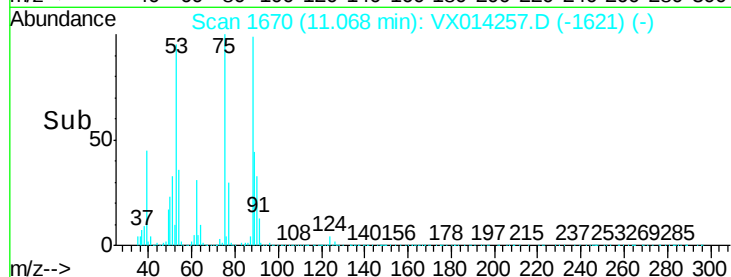
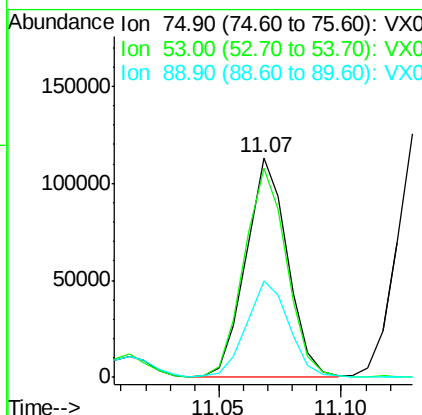
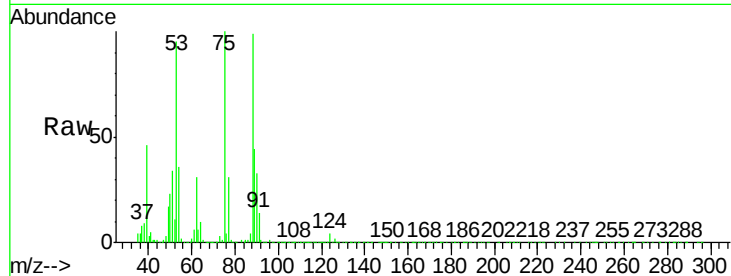
#81
trans-1,4-Dichloro-2-butene
Concen: 51.392 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	76.7	115.1
89	45.9	34.6	51.8

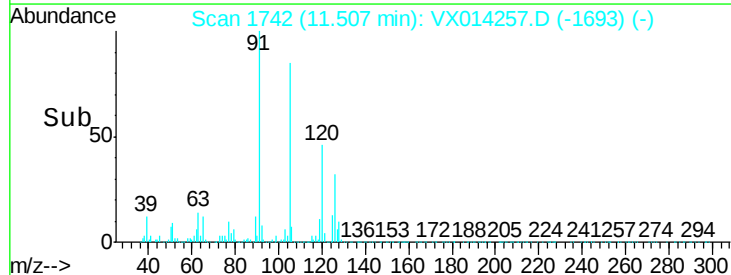
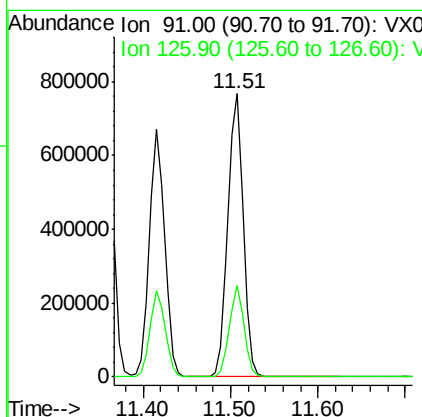
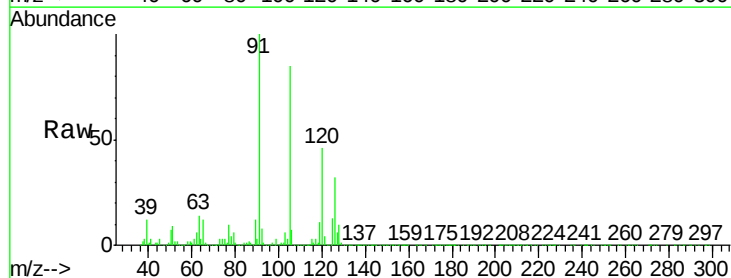
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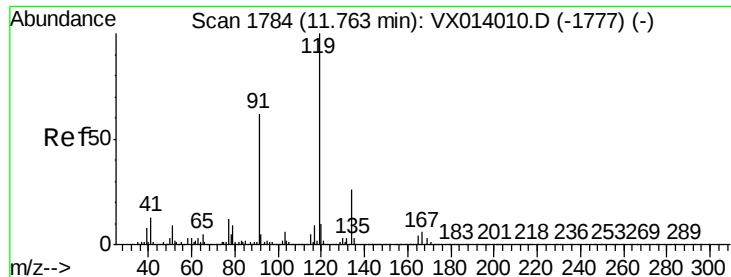
apatel
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#82
4-Chlorotoluene
Concen: 50.240 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.6	46.8





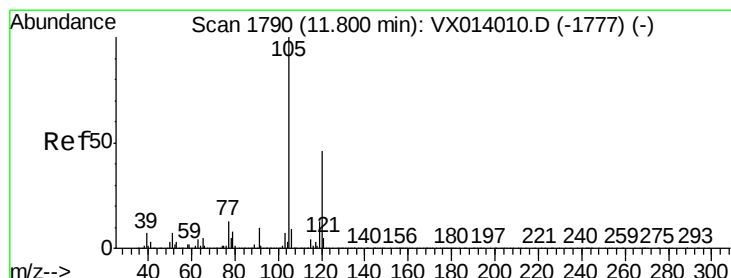
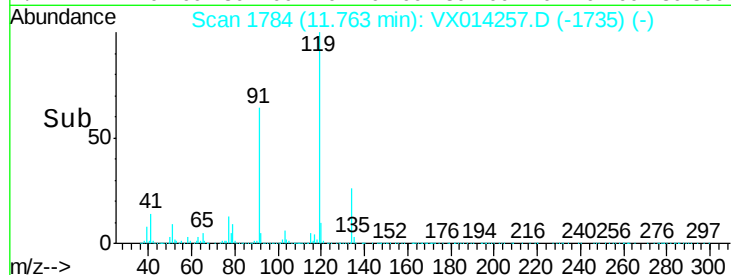
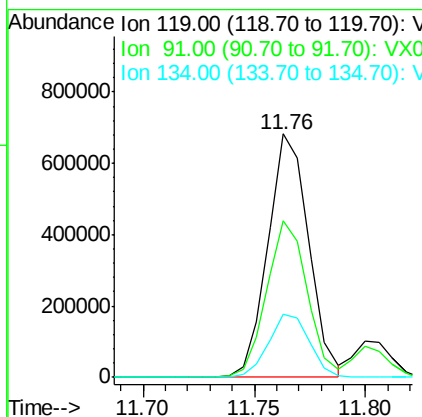
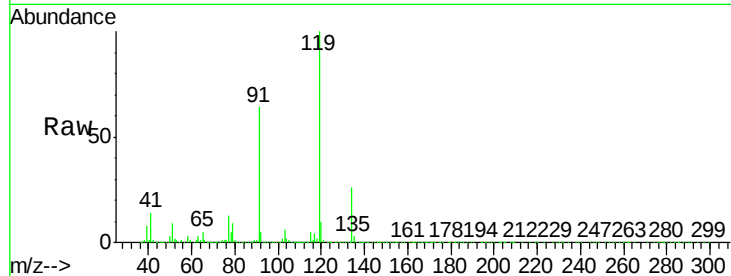
#83
tert-Butylbenzene
Concen: 44.678 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	28.5	85.6
134	26.0	12.2	36.6

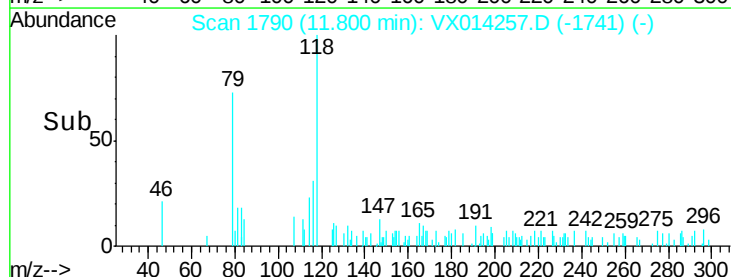
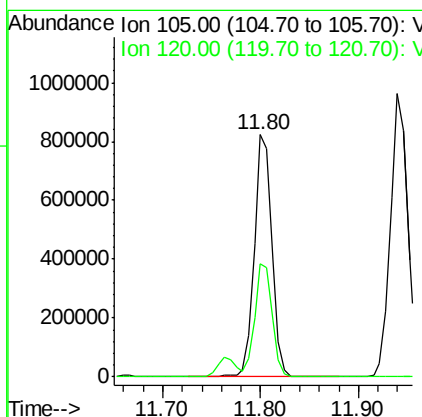
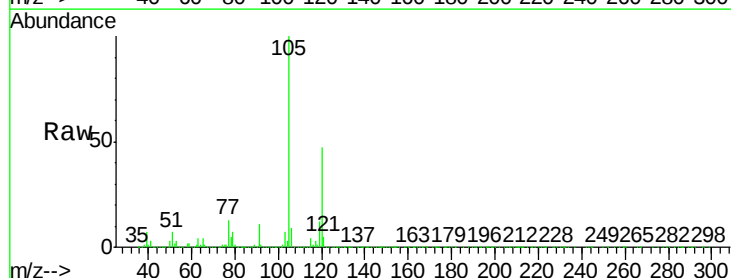
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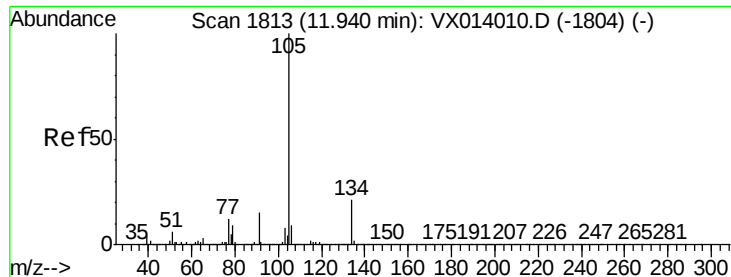
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#84
1,2,4-Trimethylbenzene
Concen: 50.868 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





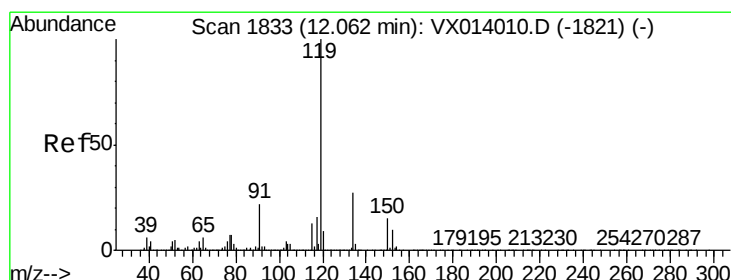
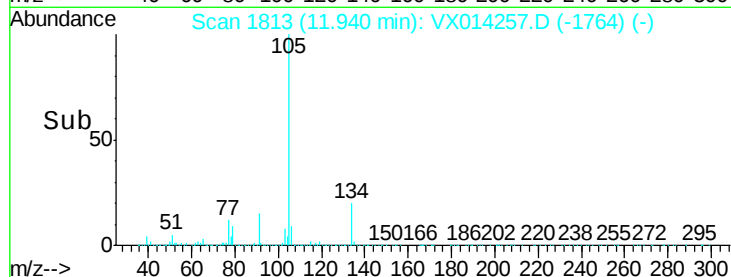
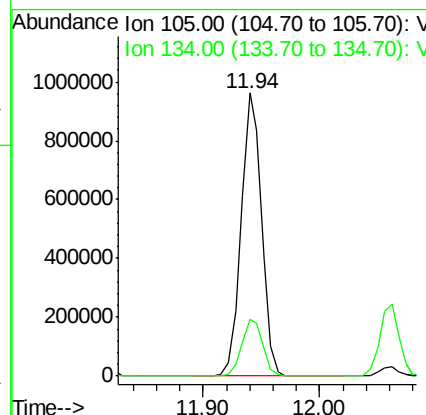
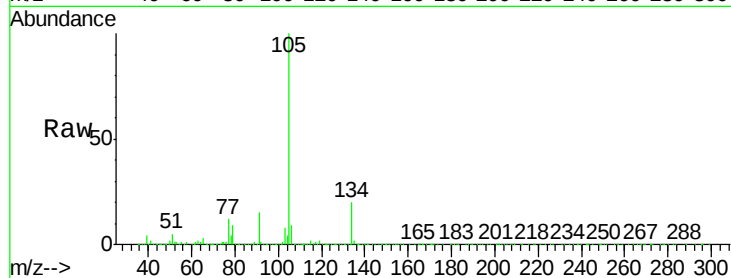
#85
 sec-Butylbenzene
 Concen: 51.113 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1171264
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

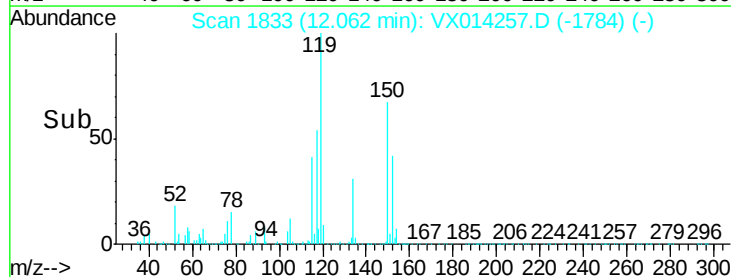
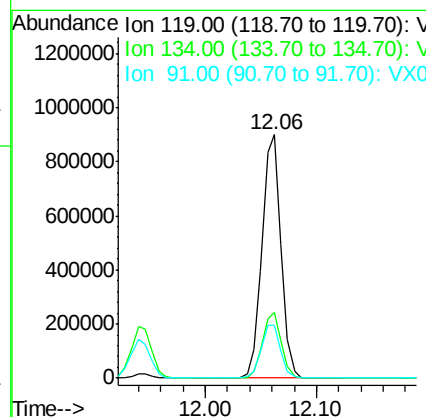
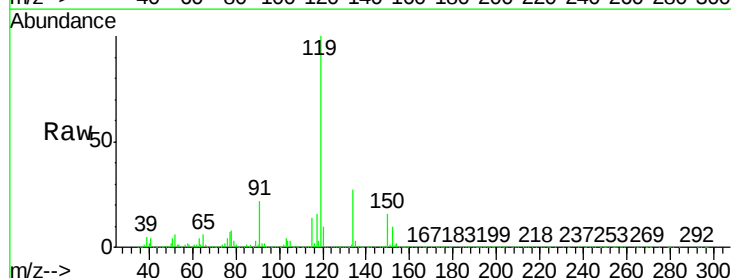
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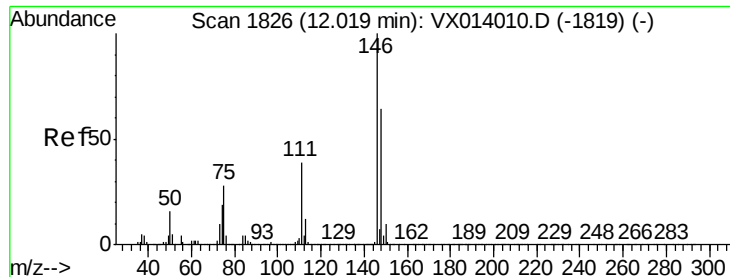
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#86
 p-Isopropyltoluene
 Concen: 51.088 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion:119 Resp: 1070874
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.5 11.4 34.1





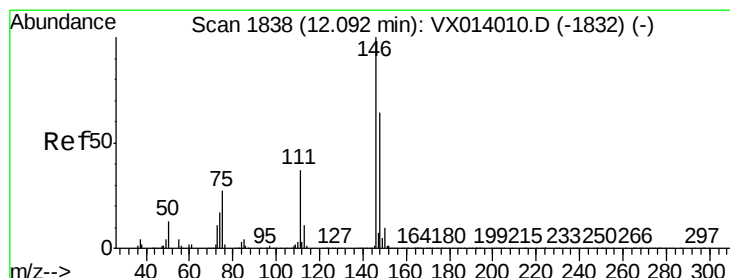
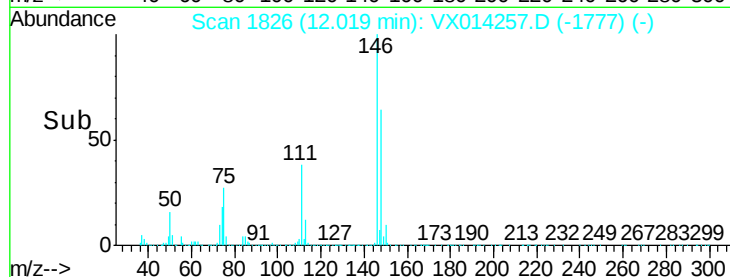
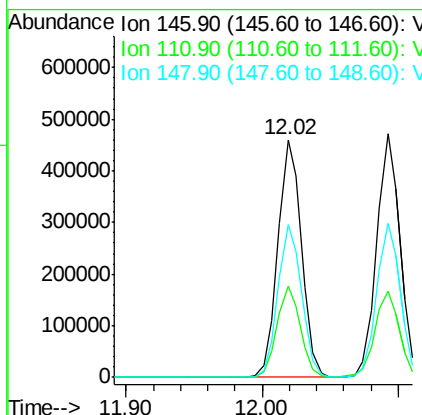
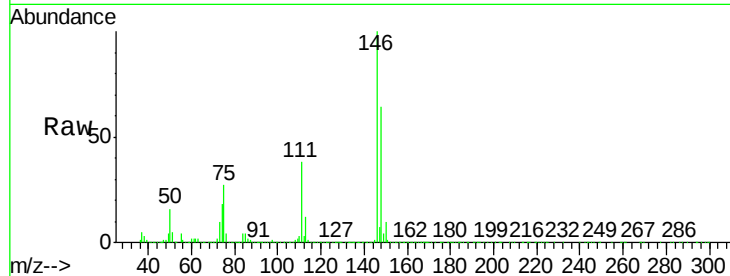
#87
 1,3-Dichlorobenzene
 Concen: 48.606 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.5	32.3	96.9

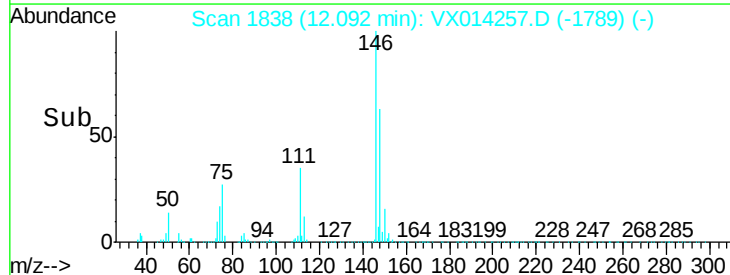
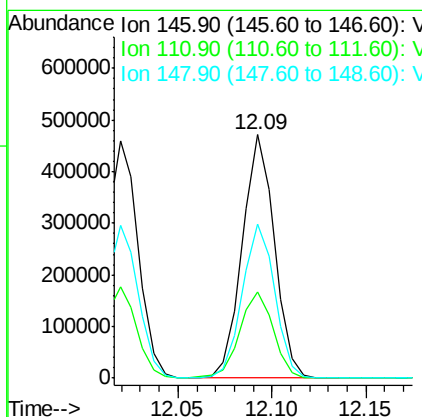
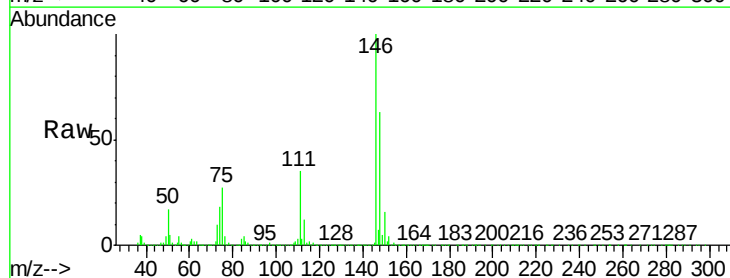
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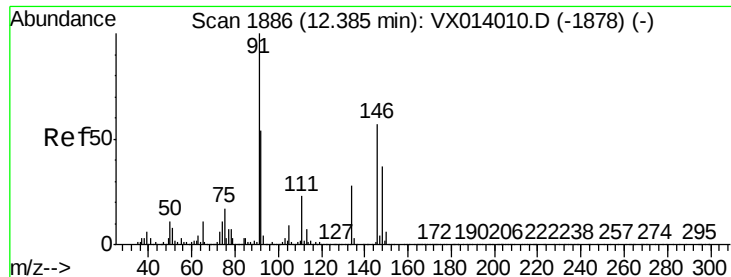
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#88
 1,4-Dichlorobenzene
 Concen: 47.893 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.2	31.9	95.9





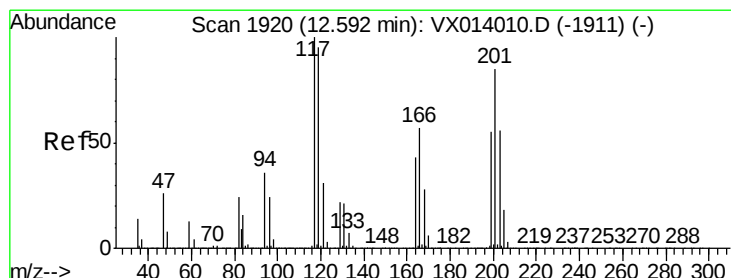
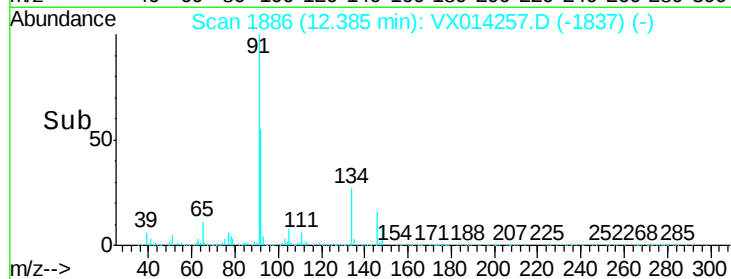
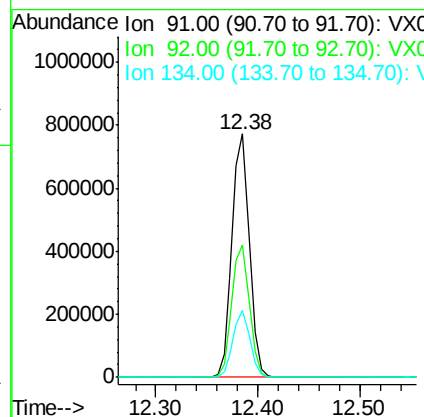
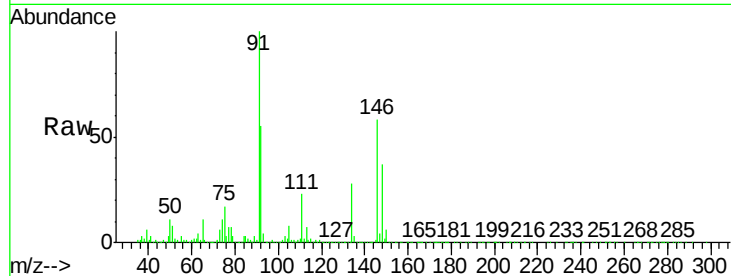
#89
n-Butylbenzene
Concen: 50.891 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.6
134	26.9	13.4	40.1

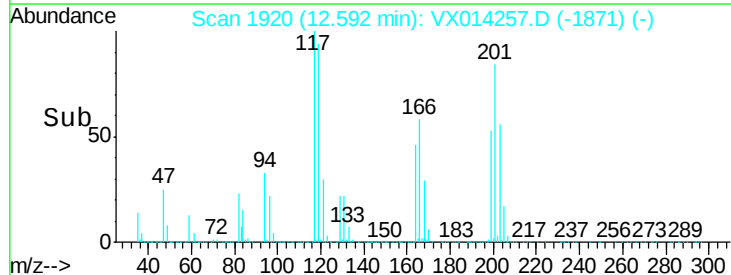
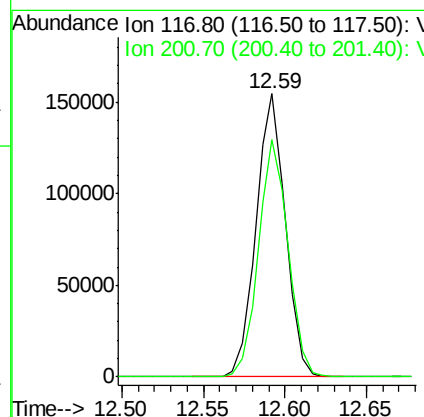
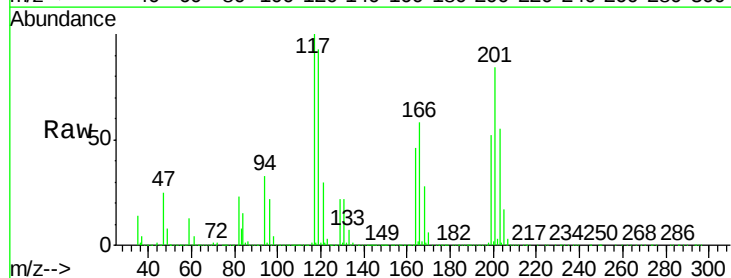
Manual Integrations
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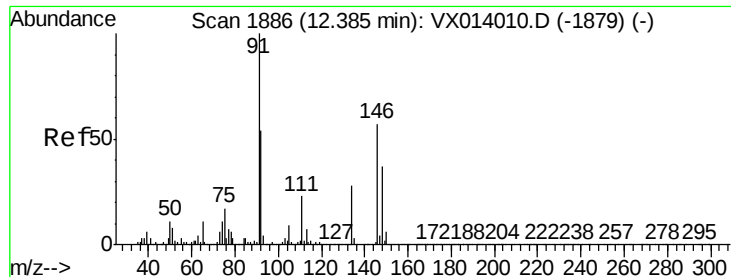
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#90
Hexachloroethane
Concen: 51.072 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 49.118 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

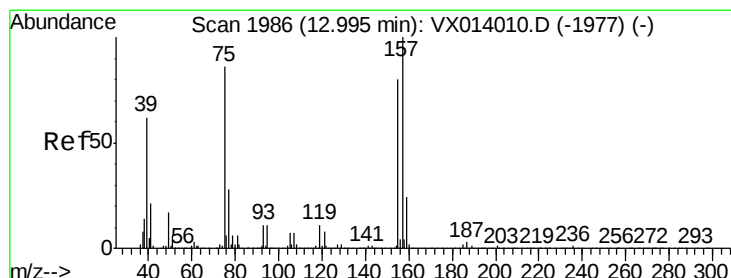
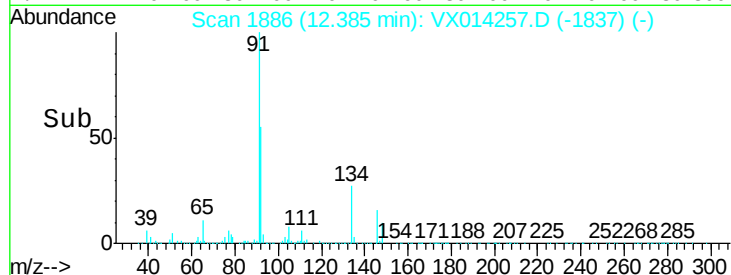
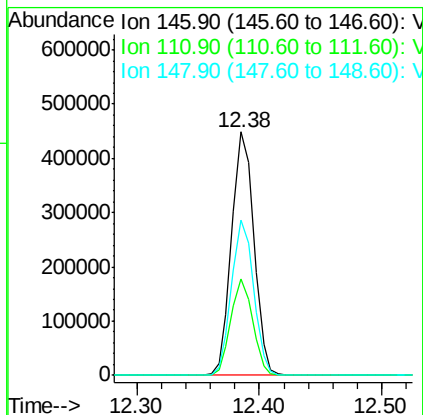
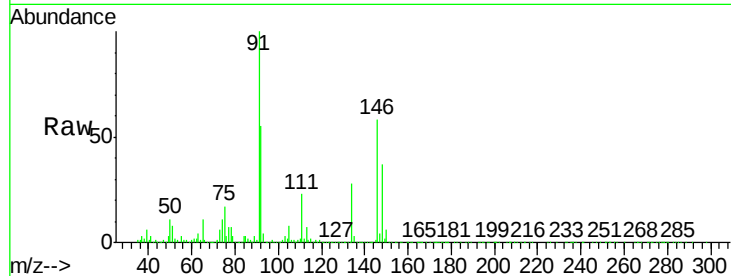
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	565085
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.7	59.1
148	63.4	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.861 ug/l

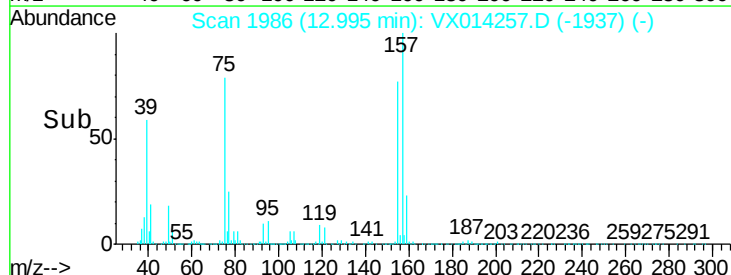
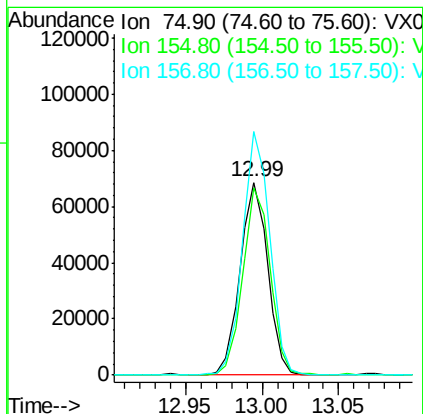
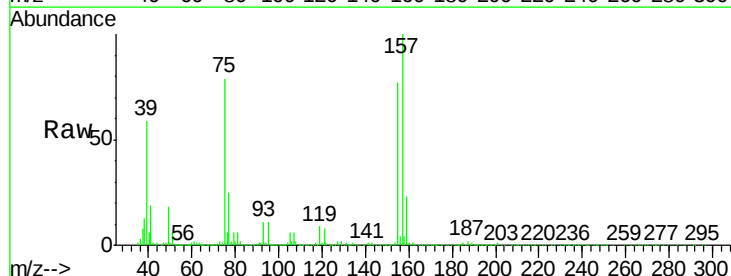
RT: 12.99 min Scan# 1986

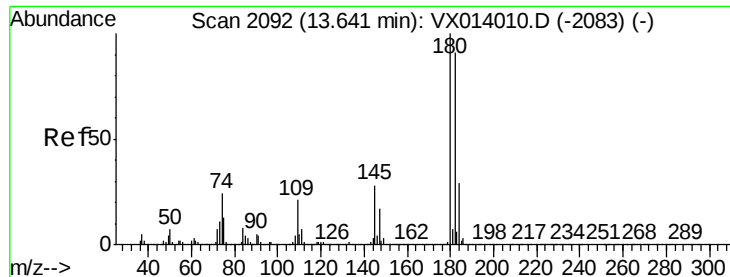
Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion:	75	Resp:	85208
Ion Ratio	Lower	Upper	
75	100		
155	96.9	46.9	140.6
157	125.1	60.8	182.4





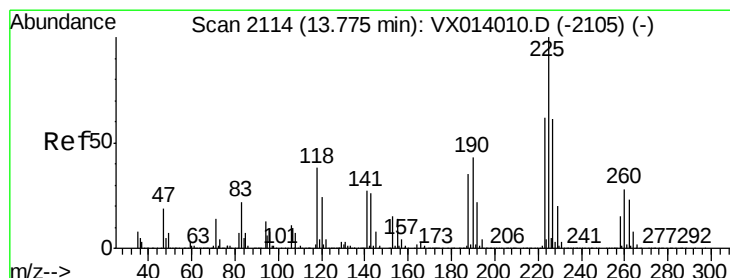
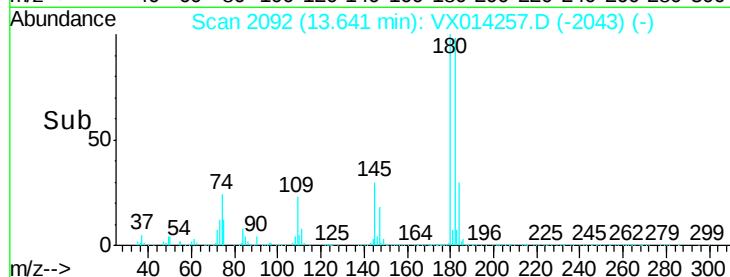
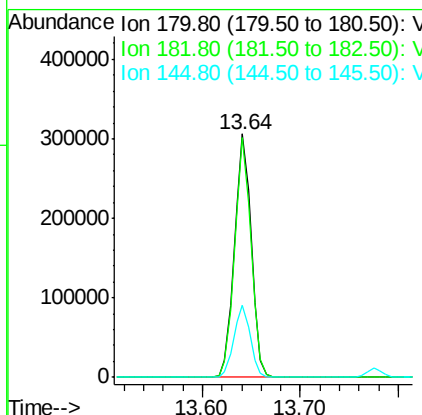
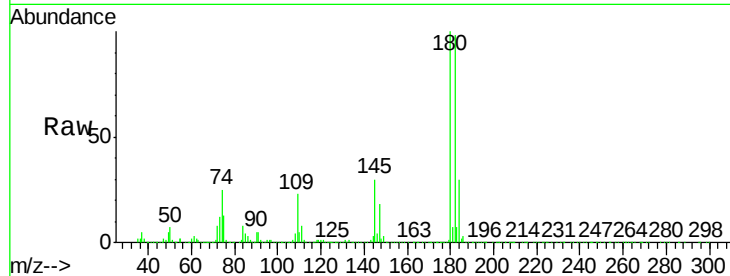
#93
 1,2,4-Trichlorobenzene
 Concen: 48.793 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	364850		
182	96.2	46.6	139.8	
145	28.8	14.2	42.6	

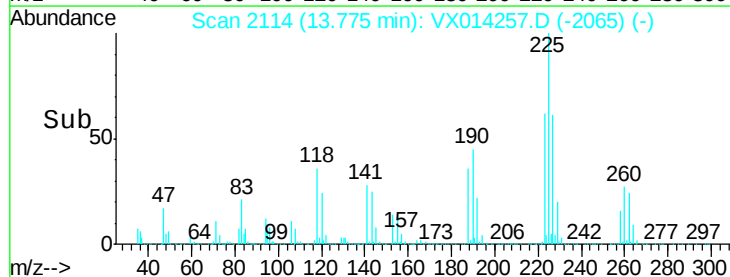
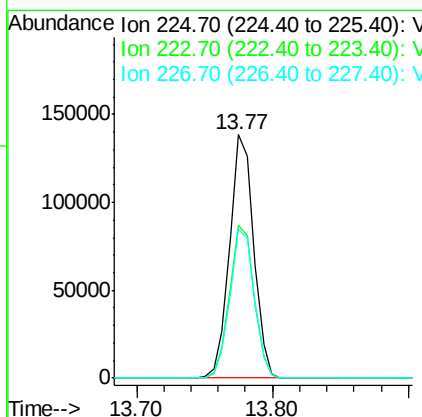
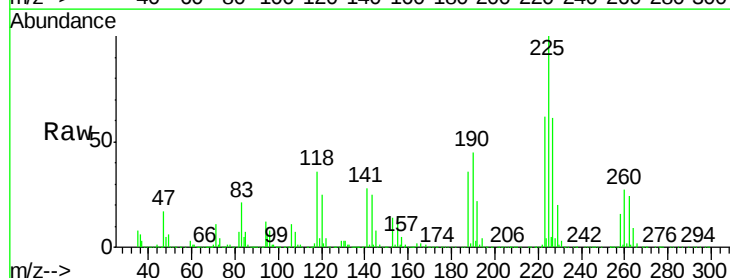
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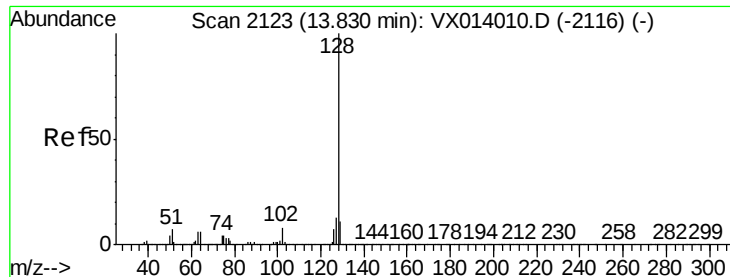
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#94
 Hexachlorobutadiene
 Concen: 47.352 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	170167		
223	64.0	30.9	92.5	
227	62.7	30.9	92.7	





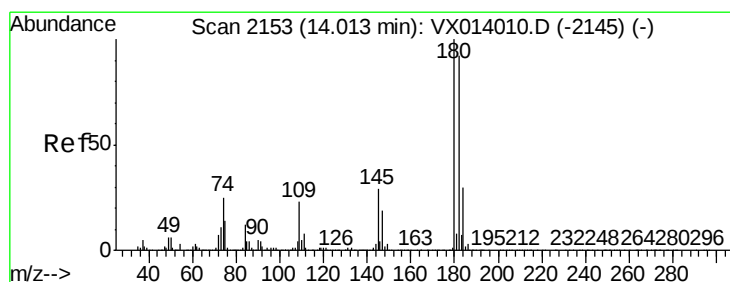
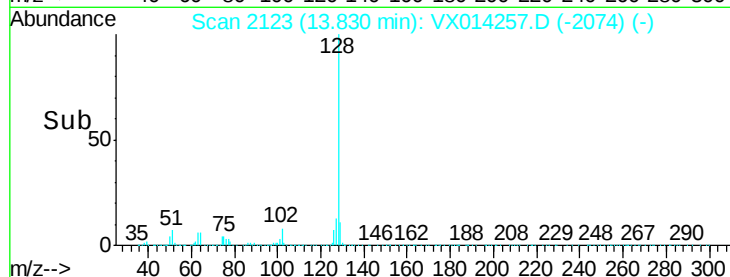
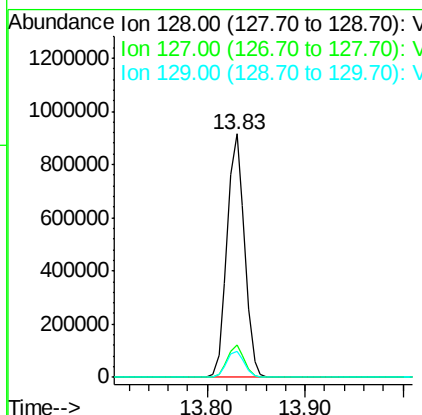
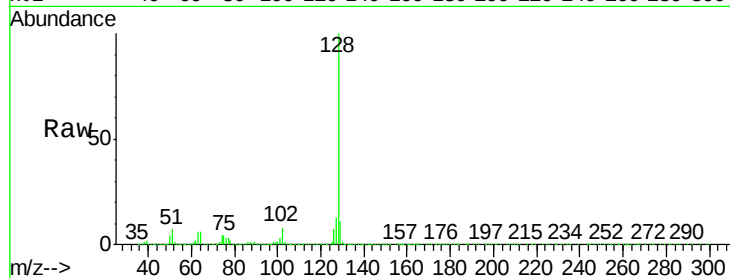
#95
Naphthalene
Concen: 51.808 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 50.708 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.8	140.3
145	30.1	14.8	44.4

