

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014458.D
 Acq On : 07 Jan 2020 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel

1/8/2020 9:16:22 AM

Quant Time: Jan 08 03:16:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	526916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	810449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	391449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	284162	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.49	113	230555	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.71	98	912649	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.13	95	335778	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	323318	49.426	ug/l	98
3) Chloromethane	1.32	50	328866	48.963	ug/l	99
4) Vinyl Chloride	1.40	62	379732	50.737	ug/l	100
5) Bromomethane	1.63	94	209849	42.299	ug/l	98
6) Chloroethane	1.72	64	204192	50.069	ug/l	97
7) Trichlorofluoromethane	1.92	101	404022	47.588	ug/l	100
8) Diethyl Ether	2.18	74	179546	46.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	235462	45.586	ug/l	99
10) Methyl Iodide	2.50	142	274624	44.402	ug/l	99
11) Tert butyl alcohol	3.03	59	305774	248.964	ug/l	99
12) 1,1-Dichloroethene	2.37	96	242530	46.604	ug/l	98
13) Acrolein	2.28	56	233400	237.093	ug/l	98
14) Allyl chloride	2.72	41	429362	46.993	ug/l	99
15) Acrylonitrile	3.13	53	731643	246.821	ug/l	99
16) Acetone	2.43	43	735755	249.457	ug/l	100
17) Carbon Disulfide	2.56	76	669883	46.133	ug/l	99
18) Methyl Acetate	2.76	43	448511	53.051	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	815701	48.827	ug/l	99
20) Methylene Chloride	2.85	84	276837	46.783	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	262308	46.170	ug/l	98
22) Diisopropyl ether	3.84	45	859433	48.674	ug/l	97
23) Vinyl Acetate	3.80	43	2725139	199.347	ug/l	99
24) 1,1-Dichloroethane	3.69	63	469022	48.830	ug/l	100
25) 2-Butanone	4.65	43	1082418	246.349	ug/l	98
26) 2,2-Dichloropropane	4.58	77	357514	43.938	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	302800	47.676	ug/l	98
28) Bromochloromethane	5.01	49	182102	44.992	ug/l	99
29) Tetrahydrofuran	5.11	42	662664	255.086	ug/l	99
30) Chloroform	5.20	83	454047	48.375	ug/l	100
31) Cyclohexane	5.58	56	443198	49.295	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	391679	48.751	ug/l	99
36) 1,1-Dichloropropene	5.79	75	351258	46.088	ug/l	99
37) Ethyl Acetate	4.82	43	401571	48.507	ug/l	99
38) Carbon Tetrachloride	5.78	117	334415	47.681	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	444399	46.411	ug/l	99
40) Benzene	6.14	78	1077747	47.645	ug/l	100
41) Methacrylonitrile	5.03	41	223591	50.646	ug/l	98
42) 1,2-Dichloroethane	6.18	62	366611	46.353	ug/l	100
43) Isopropyl Acetate	6.43	43	659332	49.302	ug/l	99
44) Trichloroethene	7.21	130	315515	48.536	ug/l	99
45) 1,2-Dichloropropane	7.51	63	276324	47.914	ug/l	99
46) Dibromomethane	7.65	93	180216	44.772	ug/l	98
47) Bromodichloromethane	7.89	83	356842	48.720	ug/l	99
48) Methyl methacrylate	7.76	41	325424	50.807	ug/l	100
49) 1,4-Dioxane	7.73	88	132037	972.872	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2043695	250.779	ug/l	99
52) Toluene	8.78	92	683298	47.188	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	405743	47.583	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	445641	48.380	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	274821	47.251	ug/l	97
56) Ethyl methacrylate	9.17	69	446183	50.073	ug/l	99
57) 1,3-Dichloropropane	9.37	76	461172	47.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	776791	256.221	ug/l	99
59) 2-Hexanone	9.48	43	1596733	247.627	ug/l	99
60) Dibromochloromethane	9.57	129	289827	49.577	ug/l	100
61) 1,2-Dibromoethane	9.67	107	287224	46.619	ug/l	100
64) Tetrachloroethene	9.33	164	423927	57.759	ug/l	98
65) Chlorobenzene	10.14	112	739433	46.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	269650	47.544	ug/l	100
67) Ethyl Benzene	10.25	91	1294860	47.802	ug/l	97
68) m/p-Xylenes	10.35	106	992788	94.999	ug/l	99
69) o-Xylene	10.70	106	479162	48.055	ug/l	100
70) Styrene	10.71	104	841643	48.911	ug/l	100
71) Bromoform	10.85	173	228802	49.307	ug/l #	100
73) Isopropylbenzene	11.01	105	1271479	46.255	ug/l	99
74) N-amyl acetate	10.89	43	570534	47.045	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	388475	44.068	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	402224m	49.662	ug/l	
77) Bromobenzene	11.25	156	340099	44.615	ug/l	99
78) n-propylbenzene	11.35	91	1465028	46.537	ug/l	100
79) 2-Chlorotoluene	11.42	91	847858	45.190	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1064949	46.664	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	146261	47.744	ug/l	99
82) 4-Chlorotoluene	11.51	91	995969	45.223	ug/l	100
83) tert-Butylbenzene	11.76	119	918443	42.593	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1068160	46.320	ug/l	100
85) sec-Butylbenzene	11.94	105	1258257	46.939	ug/l	99
86) p-Isopropyltoluene	12.06	119	1148830	46.184	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	608922	44.509	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	606617	47.164	ug/l	99
89) n-Butylbenzene	12.39	91	1027660	45.184	ug/l	100
90) Hexachloroethane	12.59	117	199211	45.592	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	596039	44.468	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93233	47.018	ug/l	100

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Manual Integrations
APPROVED

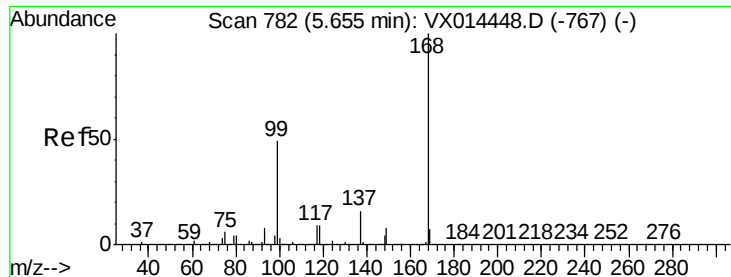
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	442792	47.063	ug/l	99
94) Hexachlorobutadiene	13.78	225	198549	45.070	ug/l	99
95) Naphthalene	13.83	128	1325849	45.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	431609	46.731	ug/l	100

(#) = 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. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 526916

Ion Ratio Lower Upper

168 100

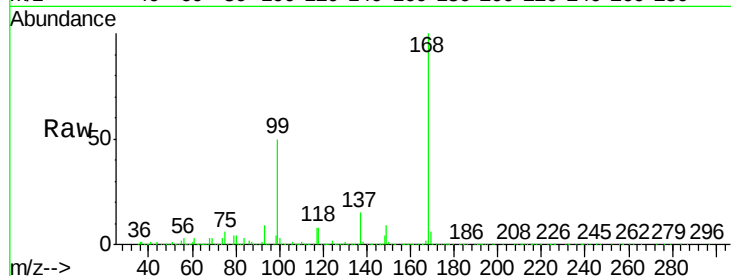
99 49.6 39.2 58.8

Manual Integrations

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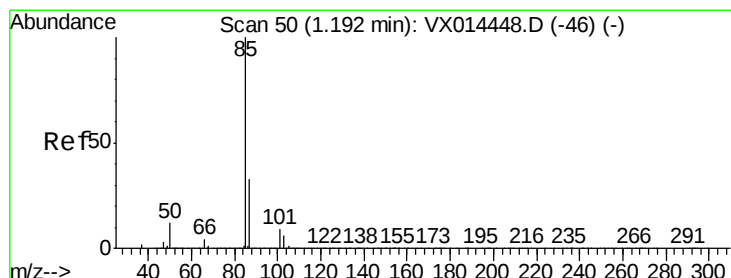
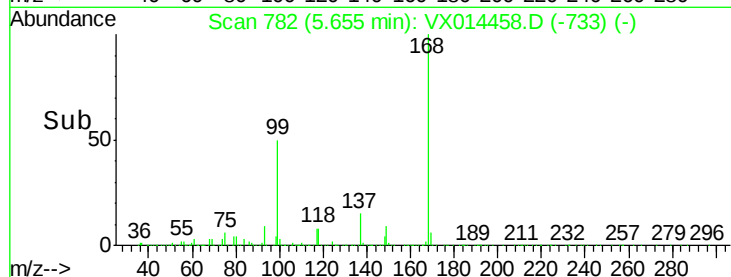
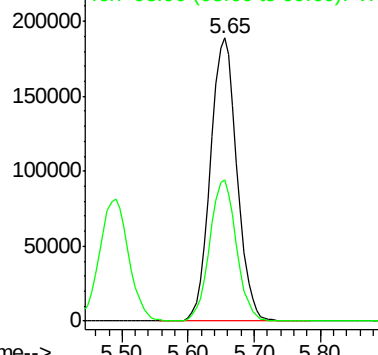
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.426 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014458.D

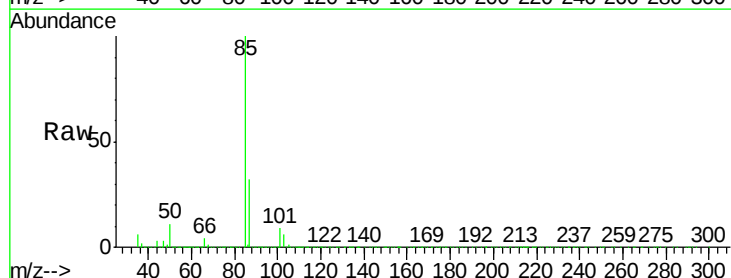
Acq: 07 Jan 2020 20:50

Tgt Ion: 85 Resp: 323318

Ion Ratio Lower Upper

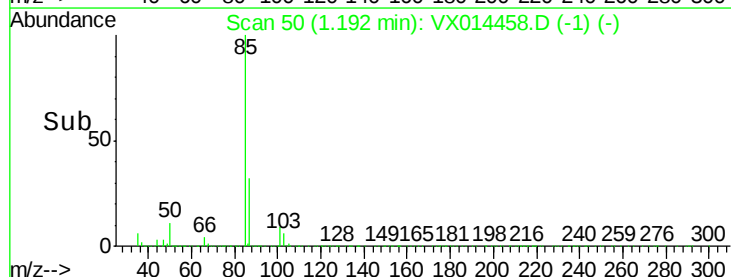
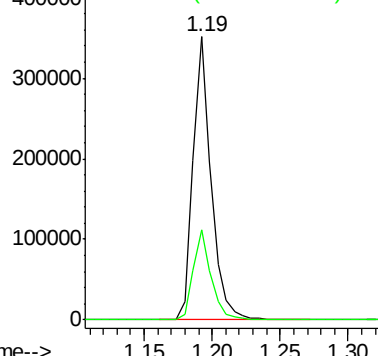
85 100

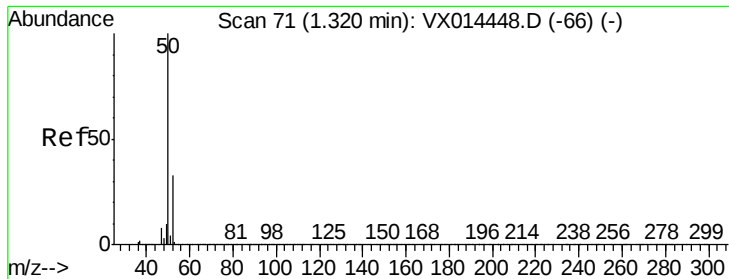
87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.963 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 328866

Ion Ratio Lower Upper

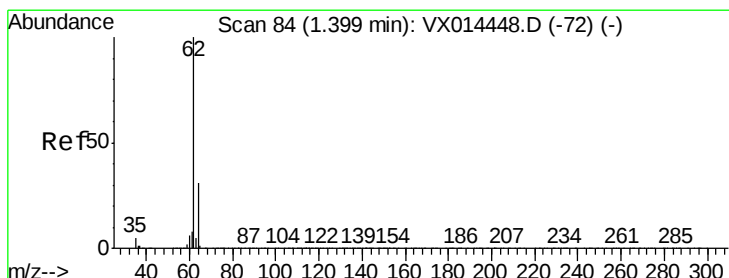
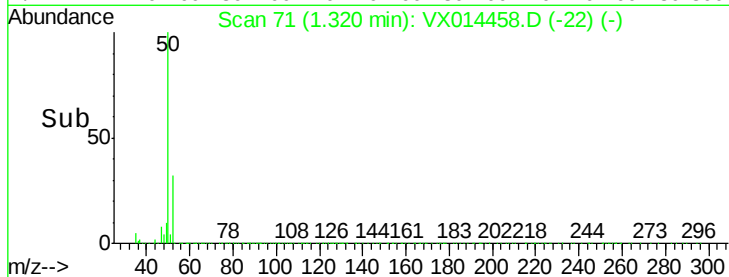
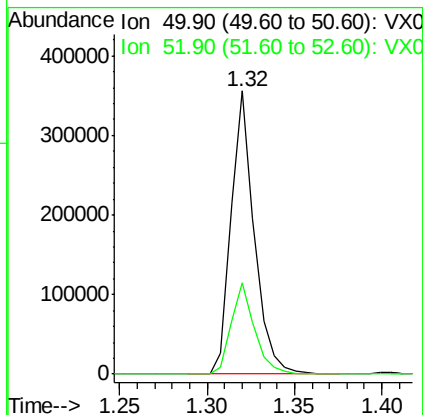
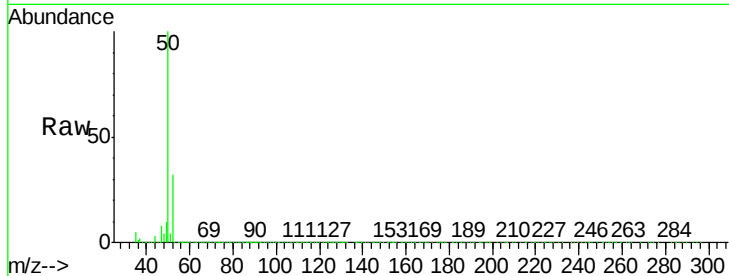
50 100

52 32.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.737 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014458.D

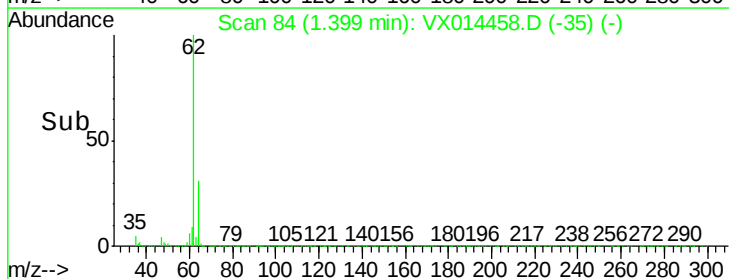
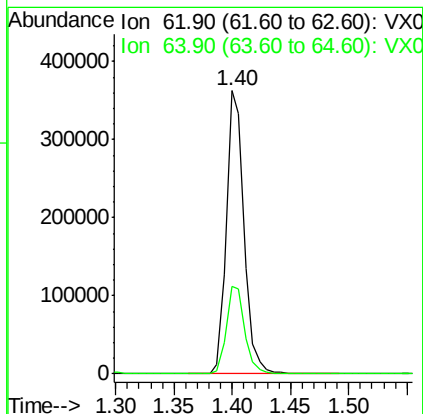
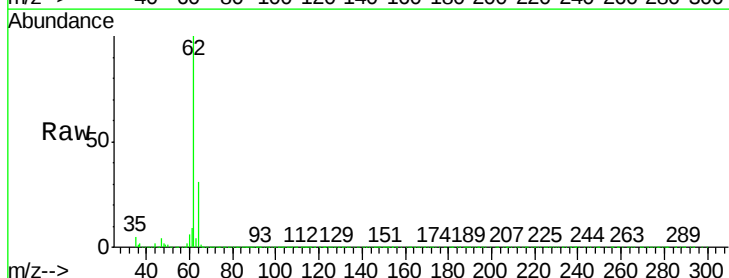
Acq: 07 Jan 2020 20:50

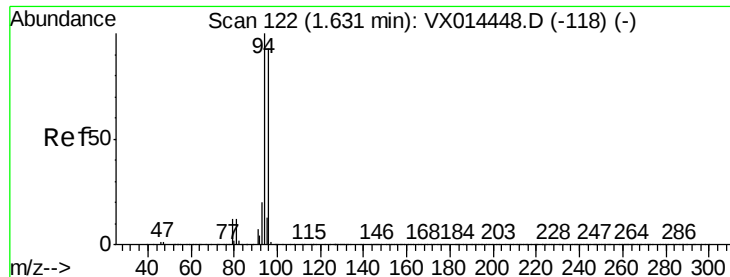
Tgt Ion: 62 Resp: 379732

Ion Ratio Lower Upper

62 100

64 30.9 24.6 37.0





#5

Bromomethane

Concen: 42.299 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 209849

Ion Ratio Lower Upper

94 100

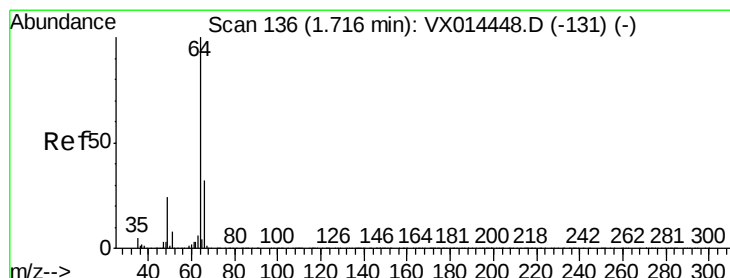
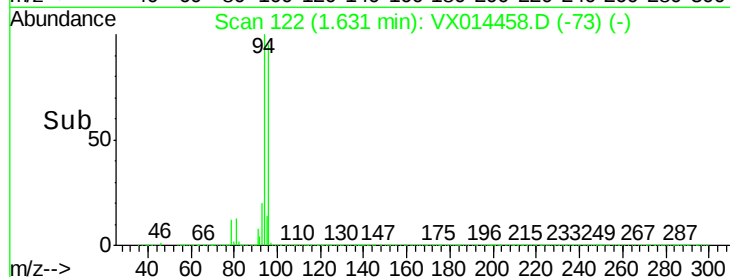
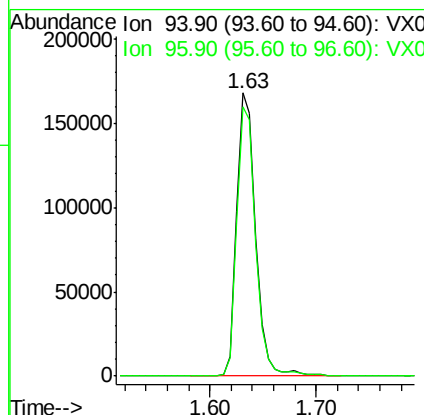
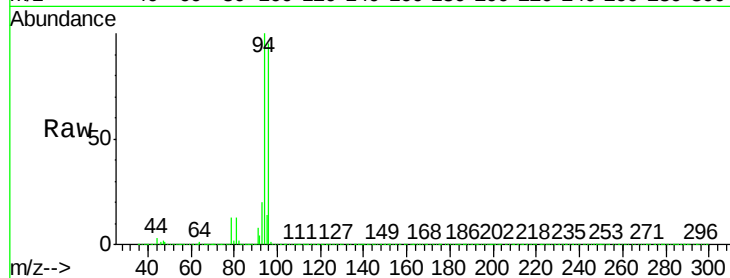
96 94.9 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 50.069 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014458.D

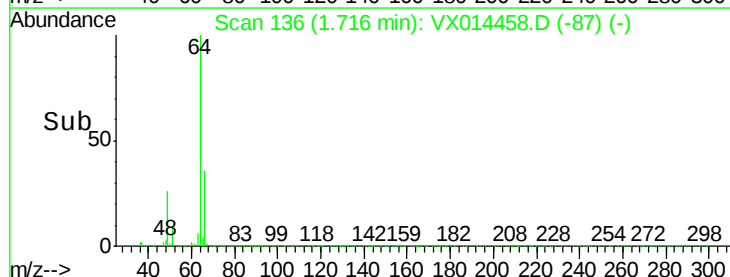
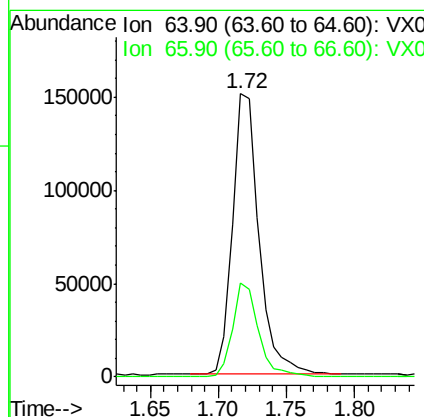
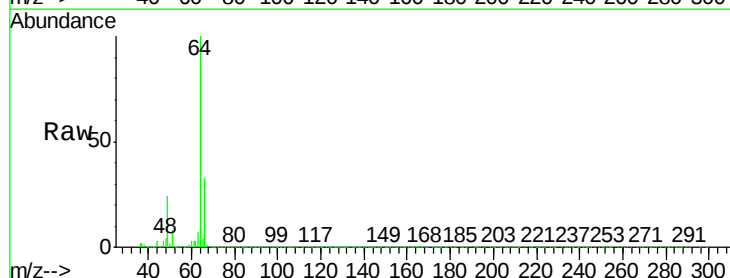
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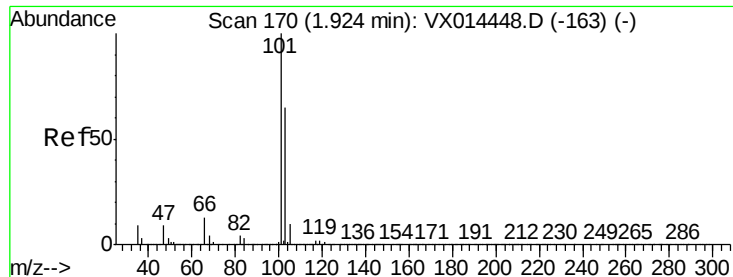
Tgt Ion: 64 Resp: 204192

Ion Ratio Lower Upper

64 100

66 33.1 25.3 37.9





#7

Trichlorofluoromethane
Concen: 47.588 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014458.D
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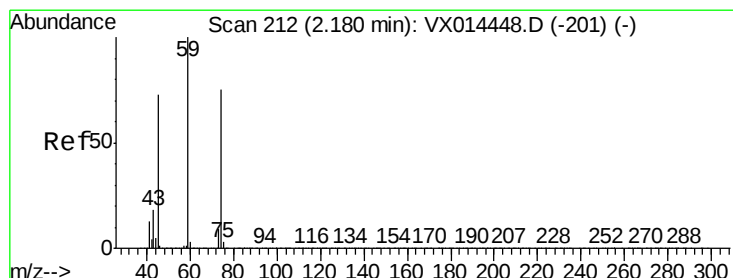
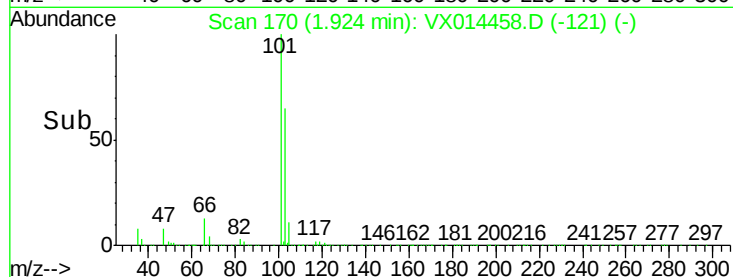
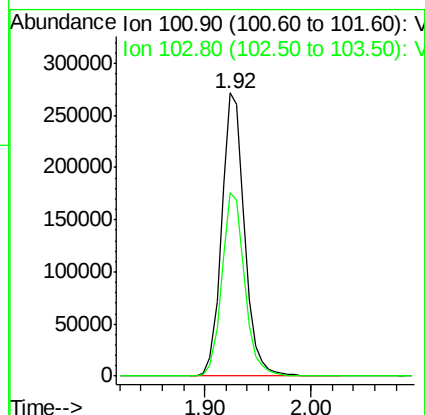
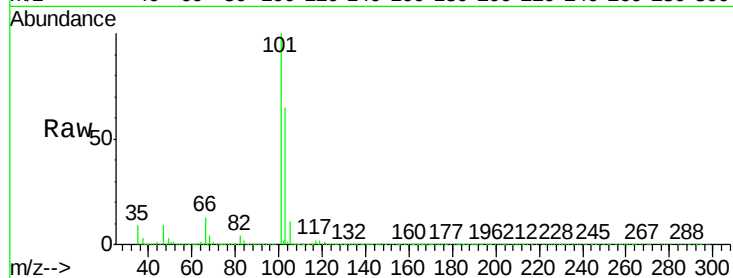
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.2	78.4

Manual Integrations
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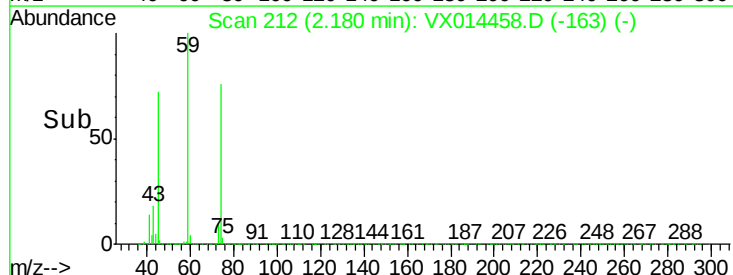
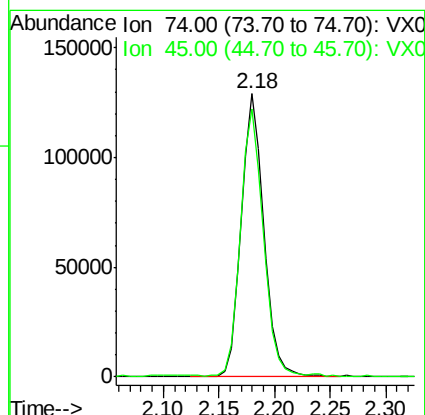
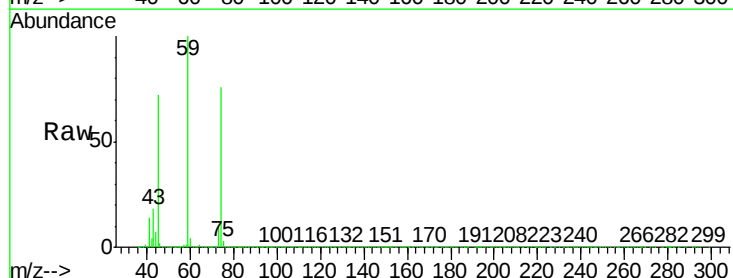
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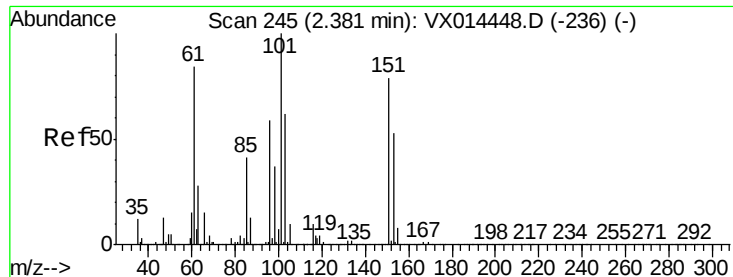


#8

Diethyl Ether
Concen: 46.354 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014458.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.586 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

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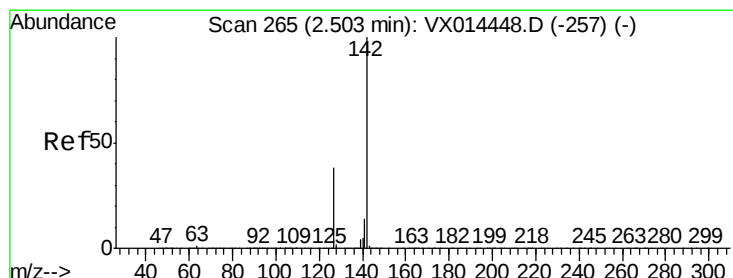
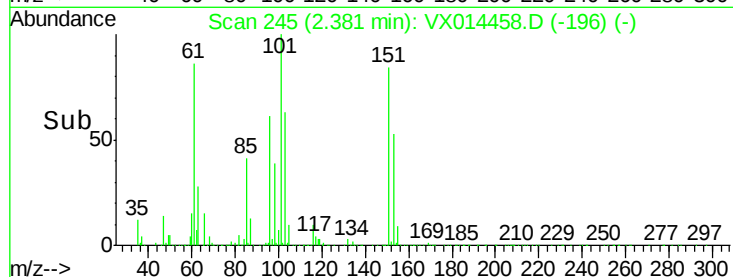
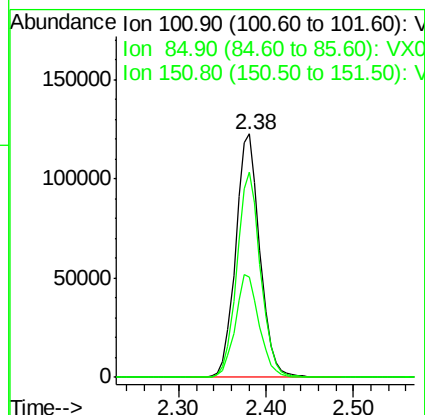
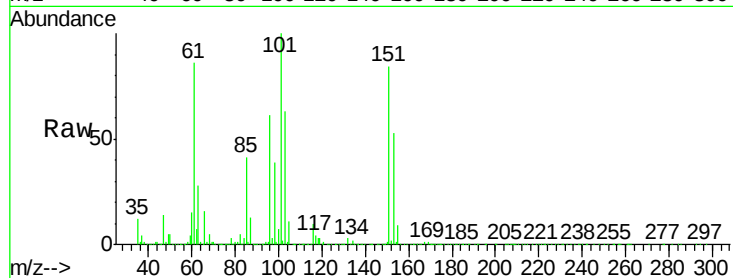
VSTDCCC050EC

Tgt Ion:	101	Resp:	235462
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.8	50.8
151	83.3	65.3	97.9

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#10

Methyl Iodide

Concen: 44.402 ug/l

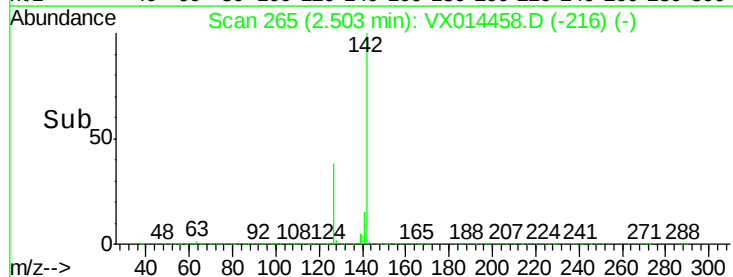
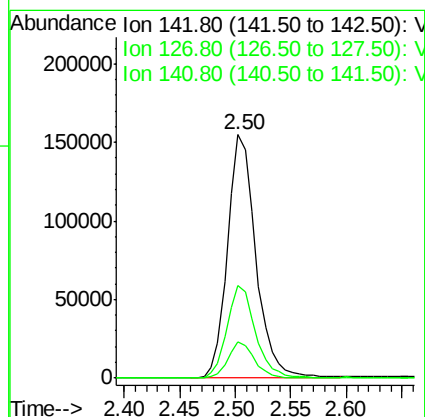
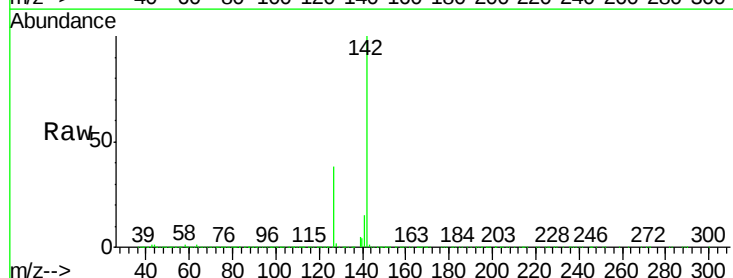
RT: 2.50 min Scan# 265

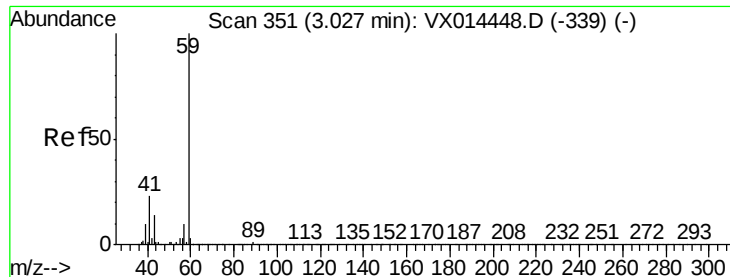
Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:	142	Resp:	274624
Ion Ratio	Lower	Upper	
142	100		
127	38.1	31.2	46.8
141	14.3	11.4	17.2





#11
Tert butyl alcohol
Concen: 248.964 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

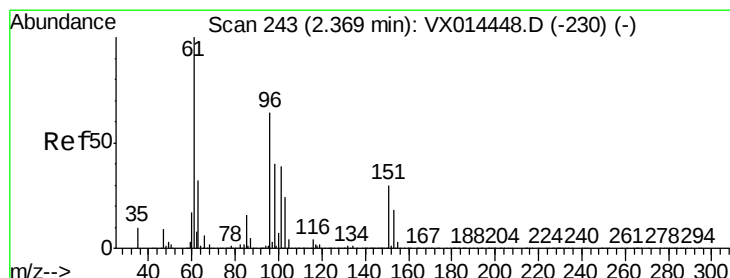
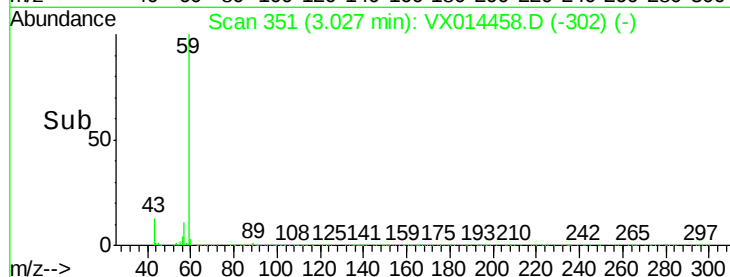
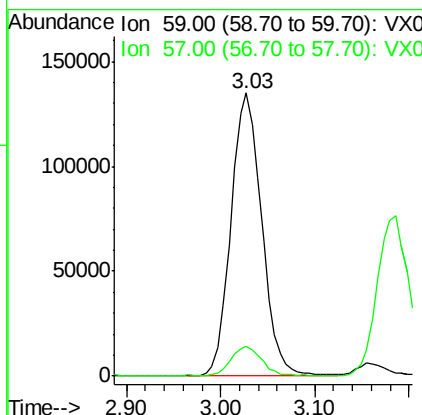
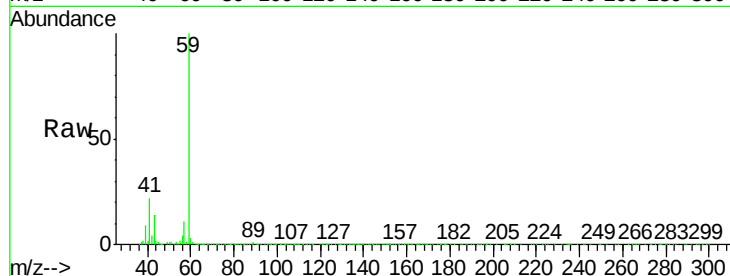
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 305774
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

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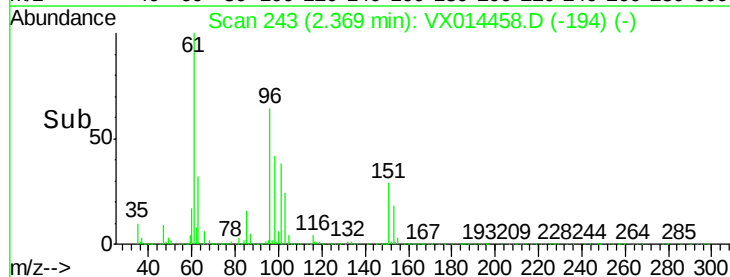
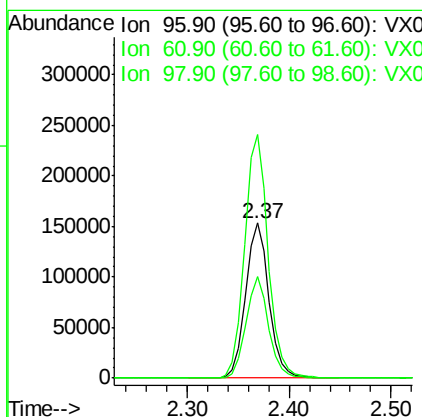
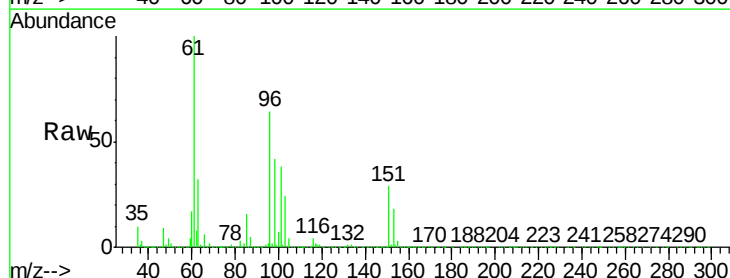
apatel

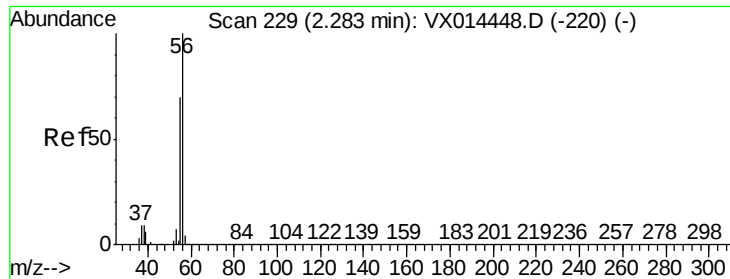
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#12
1,1-Dichloroethene
Concen: 46.604 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 96 Resp: 242530
Ion Ratio Lower Upper
96 100
61 157.2 125.0 187.6
98 65.5 50.2 75.2





#13
Acrolein
Concen: 237.093 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

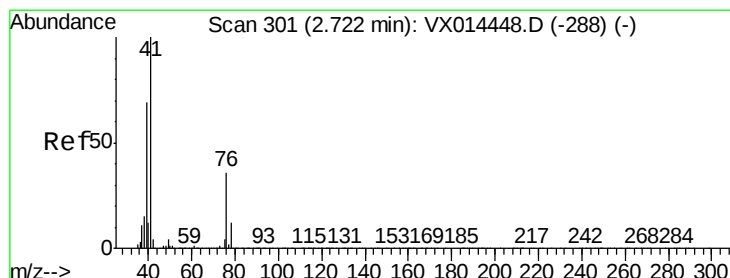
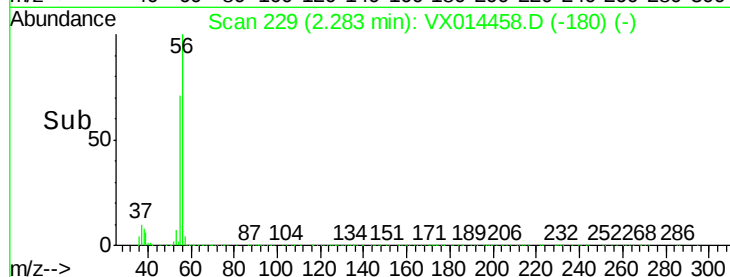
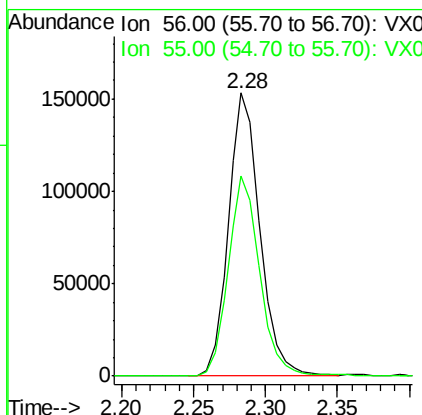
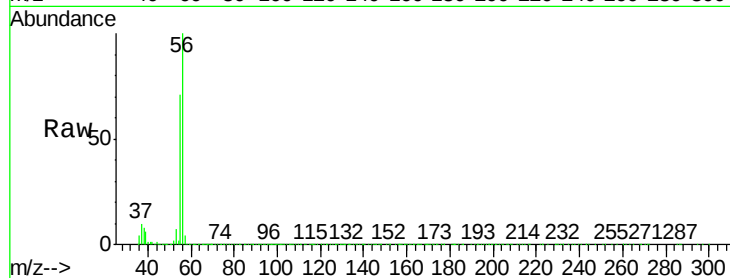
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.4	55.0	82.6

Manual Integrations
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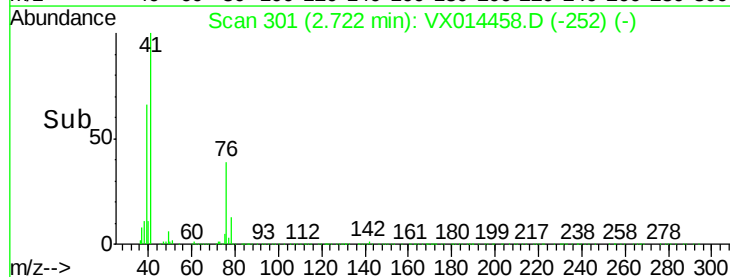
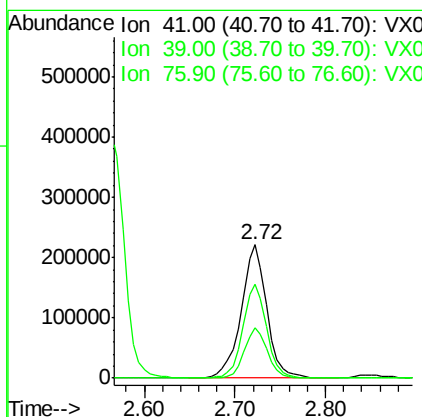
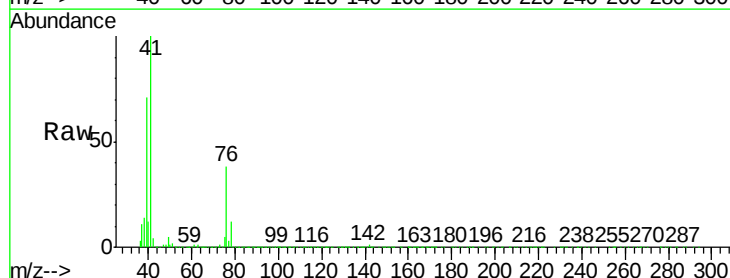
apatel

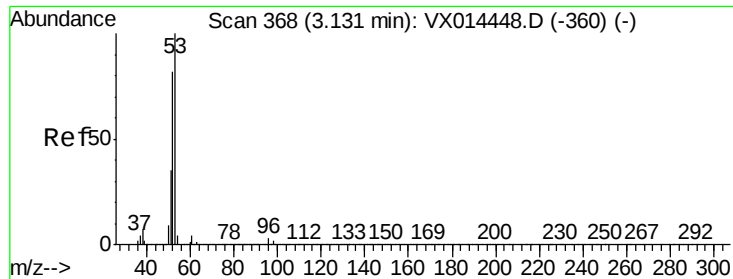
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#14
Allyl chloride
Concen: 46.993 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.4	51.7	77.5
76	33.8	26.8	40.2





#15

Acrylonitrile

Concen: 246.821 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

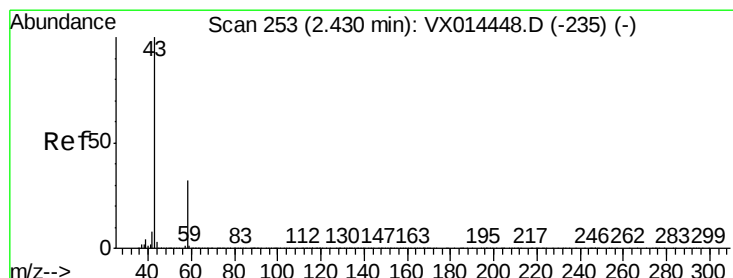
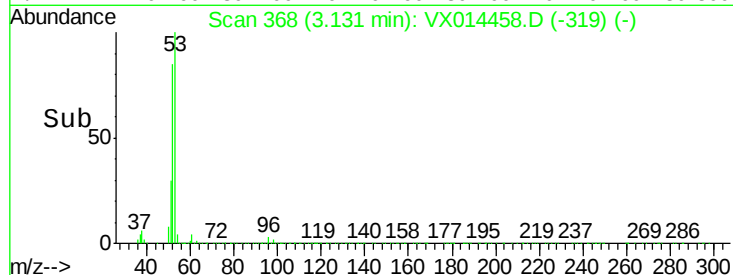
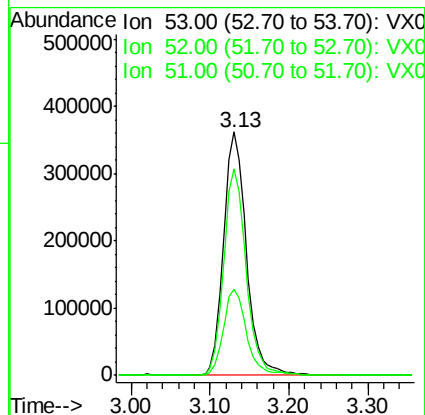
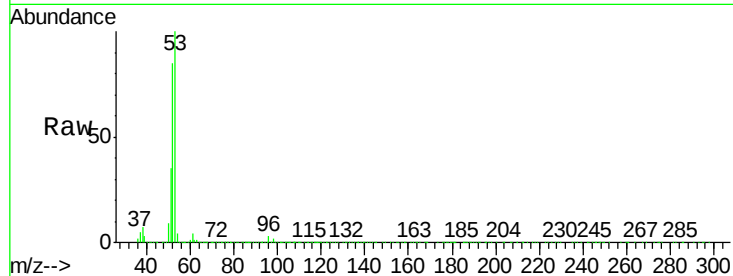
VSTDCCC050EC

Tgt Ion:	53	Resp:	731643
Ion Ratio	Lower	Upper	
53	100		
52	83.2	67.0	100.4
51	35.4	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 249.457 ug/l

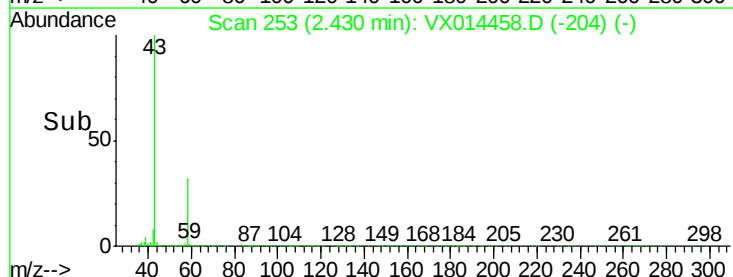
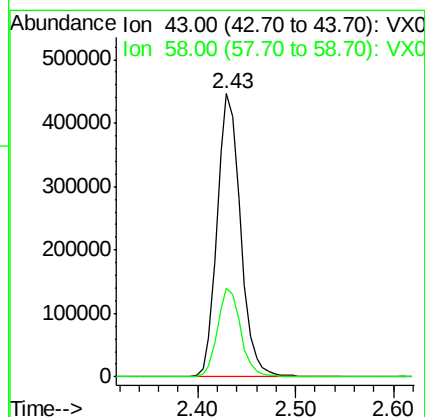
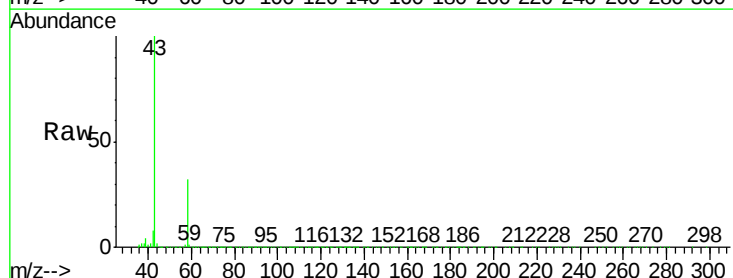
RT: 2.43 min Scan# 253

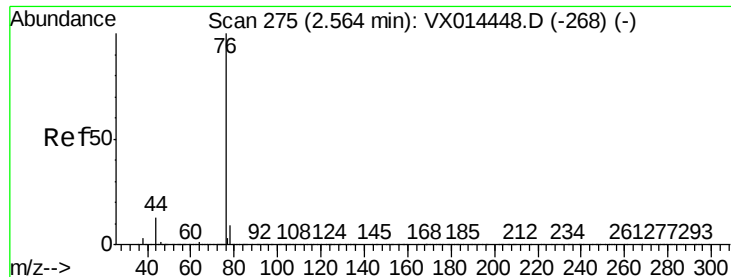
Delta R.T. 0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:	43	Resp:	735755
Ion Ratio	Lower	Upper	
43	100		
58	31.5	25.4	38.0





#17
Carbon Disulfide
Concen: 46.133 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

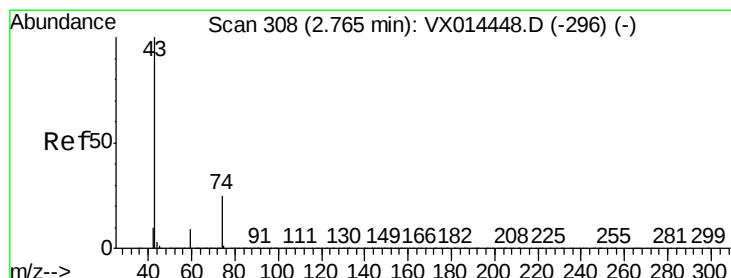
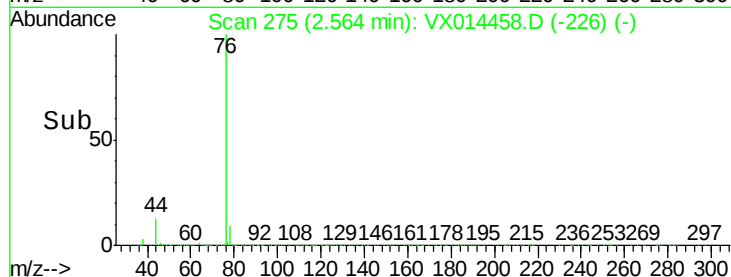
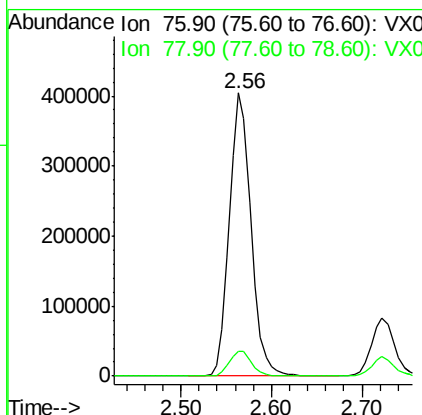
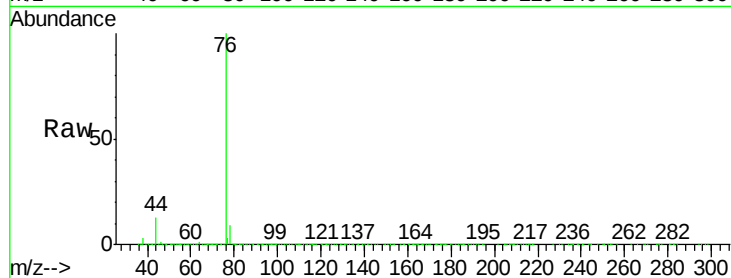
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

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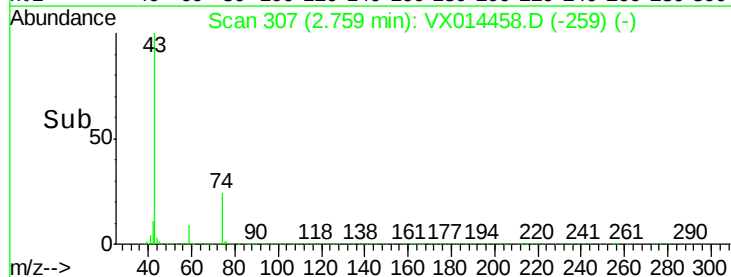
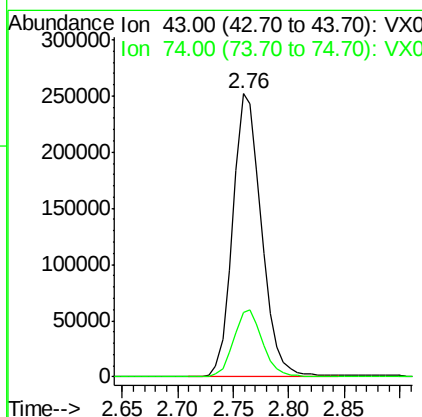
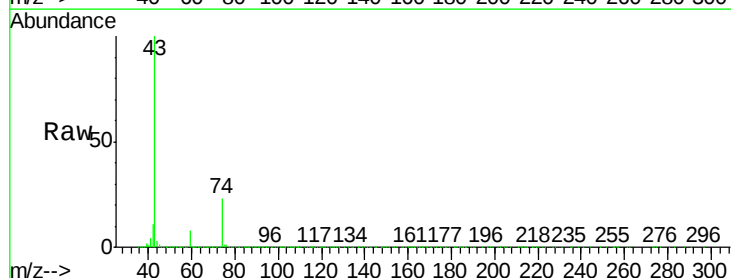
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#18
Methyl Acetate
Concen: 53.051 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.2





#19
Methyl tert-butyl Ether
Concen: 48.827 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

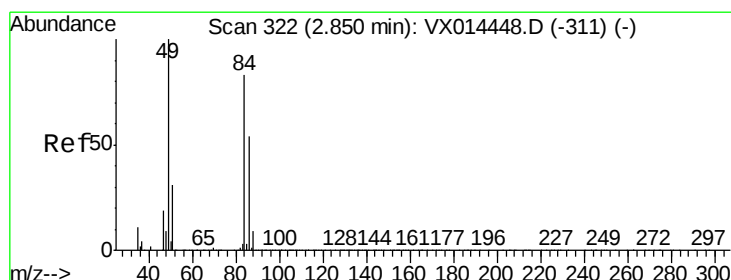
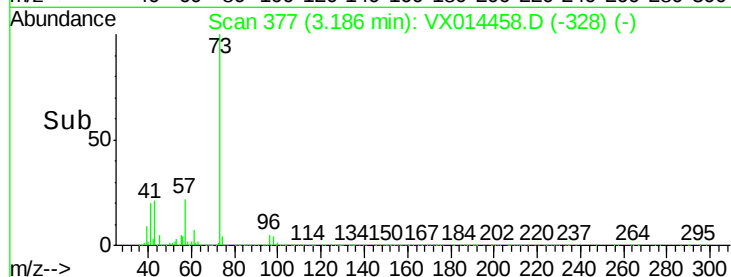
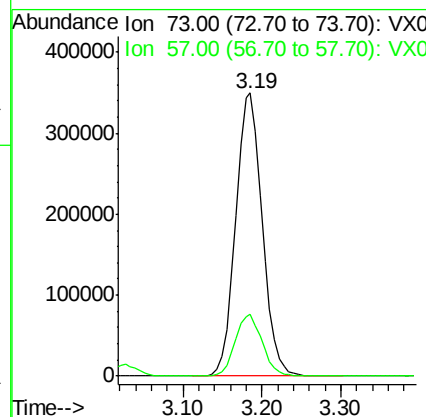
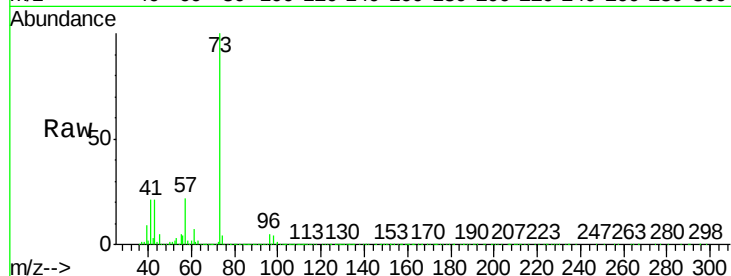
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8

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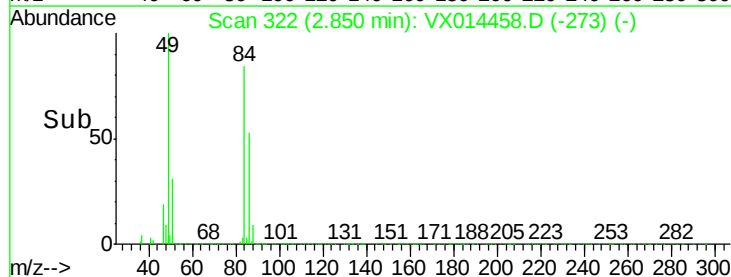
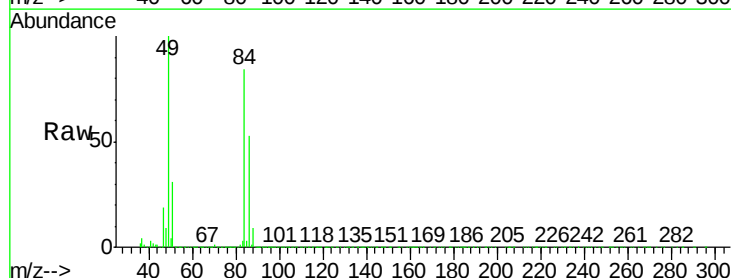
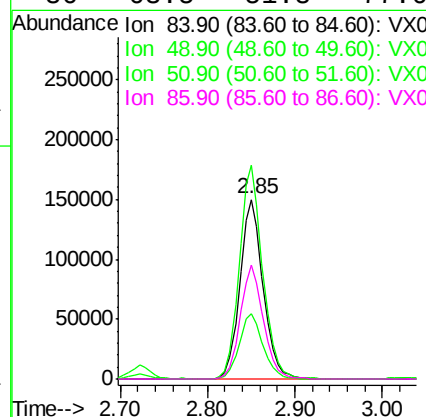
apatel

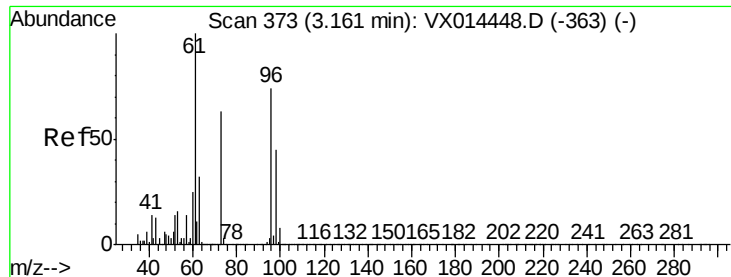
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#20
Methylene Chloride
Concen: 46.783 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	95.8	143.8
51	36.3	30.2	45.4
86	63.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 46.170 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

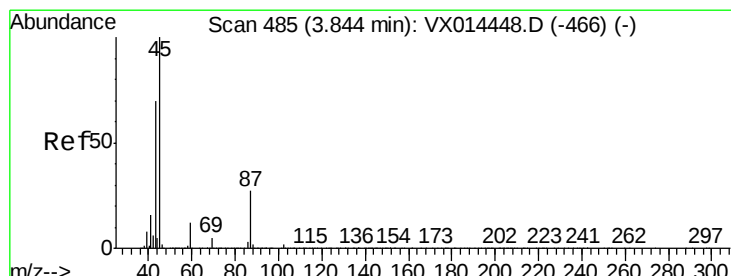
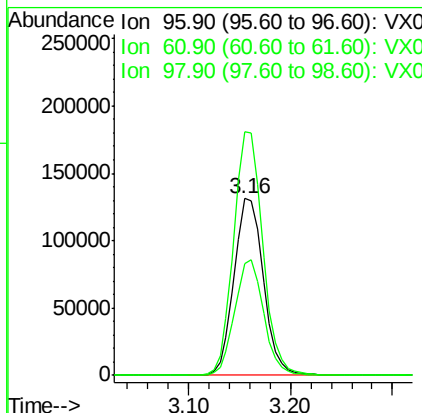
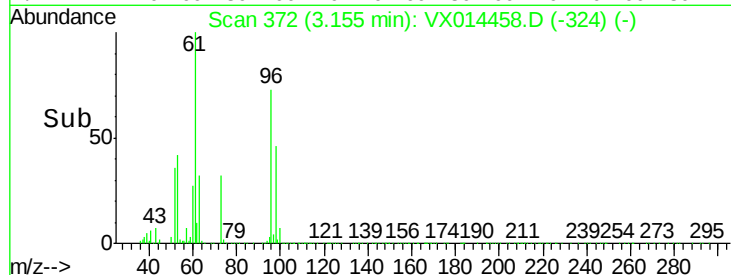
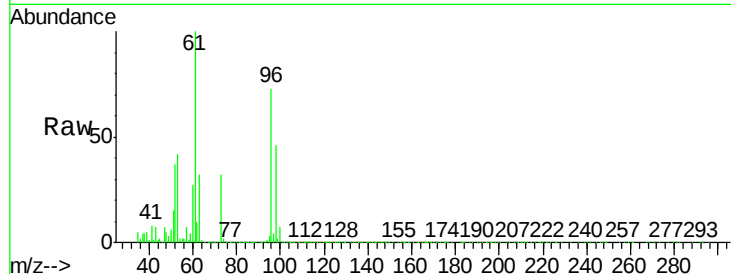
VSTDCCC050EC

Tgt Ion:	96	Resp:	262308
Ion Ratio	Lower	Upper	
96	100		
61	137.6	108.2	162.4
98	62.8	48.8	73.2

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#22

Diisopropyl ether

Concen: 48.674 ug/l

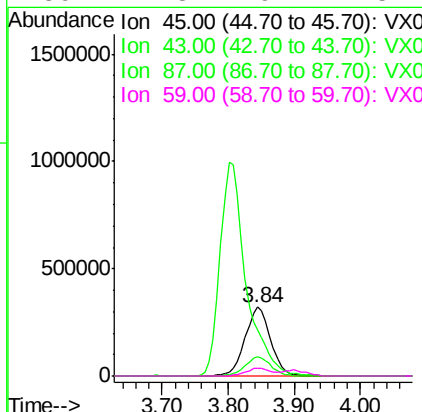
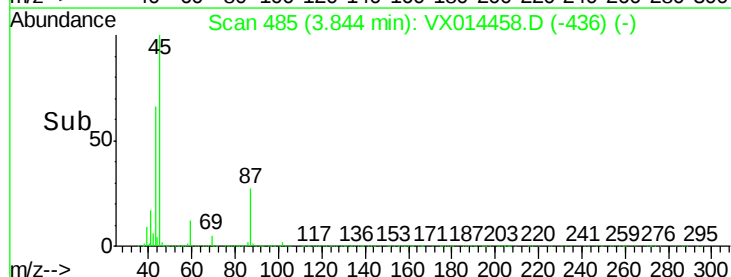
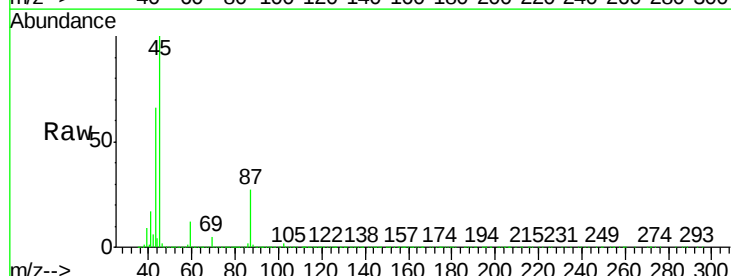
RT: 3.84 min Scan# 485

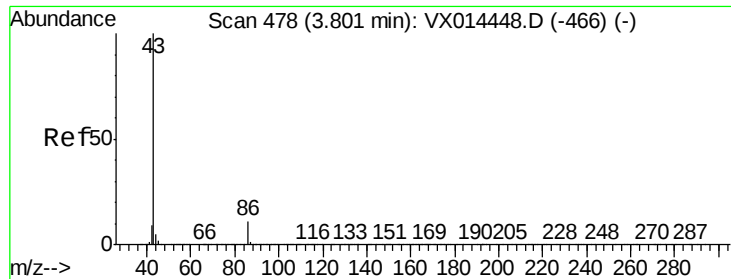
Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:	45	Resp:	859433
Ion Ratio	Lower	Upper	
45	100		
43	66.1	55.8	83.6
87	27.3	21.8	32.8
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 199.347 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2725139

Ion Ratio Lower Upper

43 100

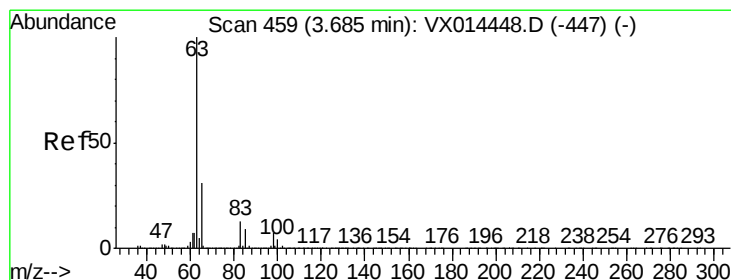
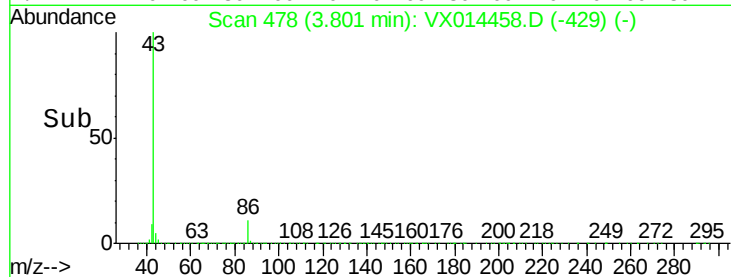
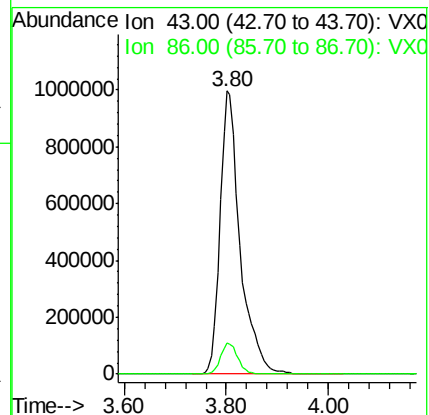
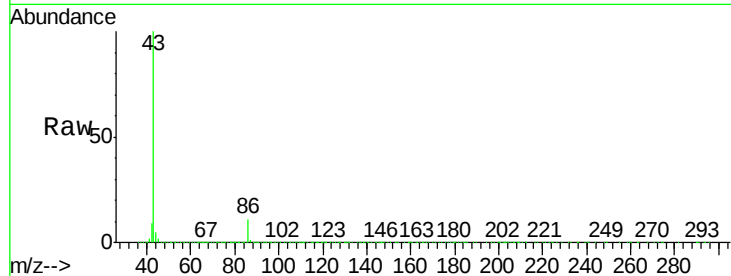
86 10.9 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.830 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

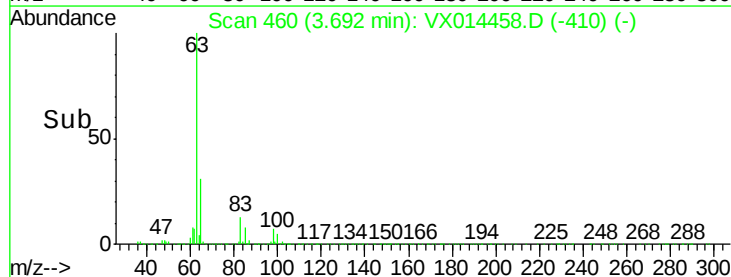
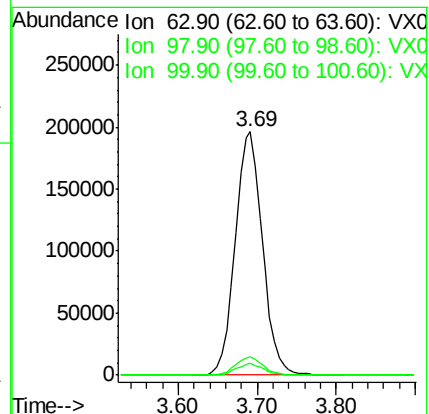
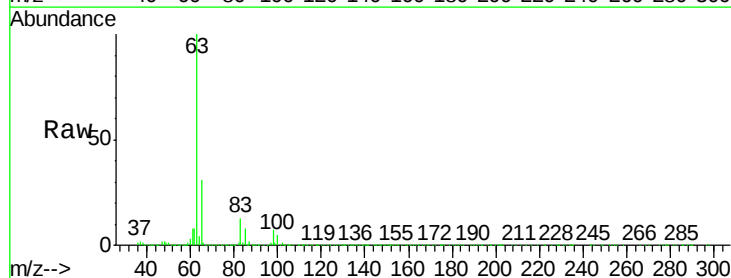
Tgt Ion: 63 Resp: 469022

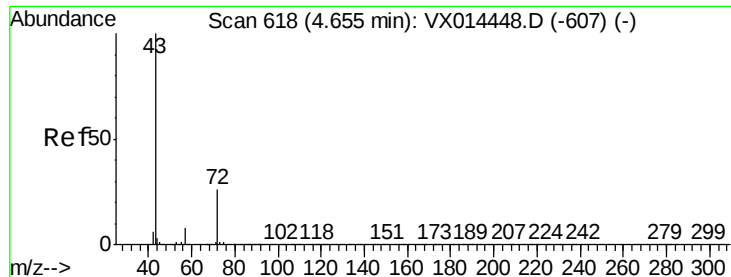
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 246.349 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1082418

Ion Ratio Lower Upper

43 100

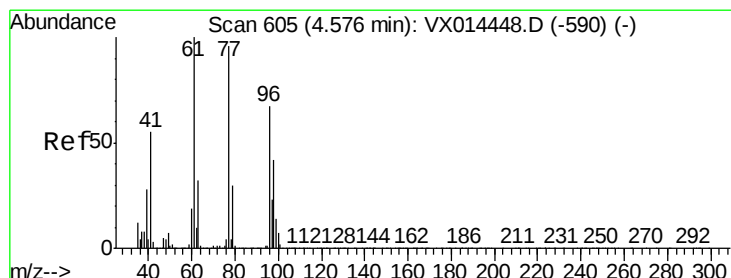
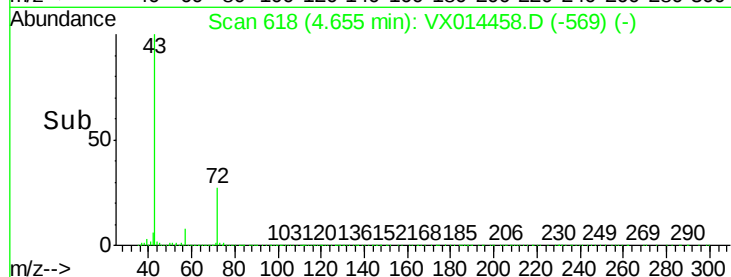
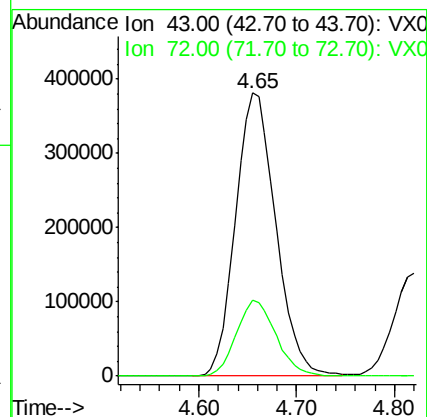
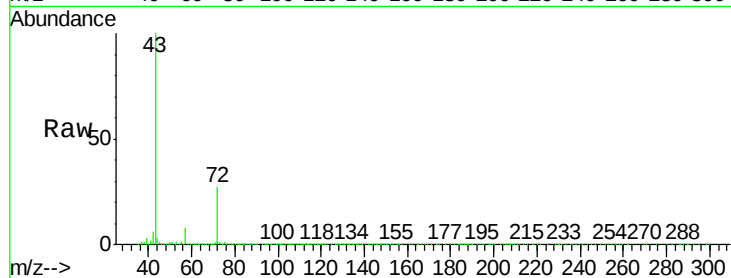
72 26.9 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.938 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014458.D

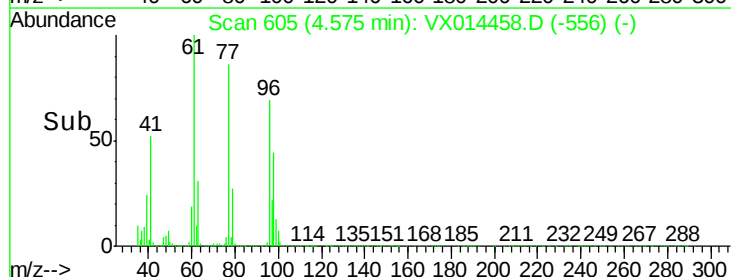
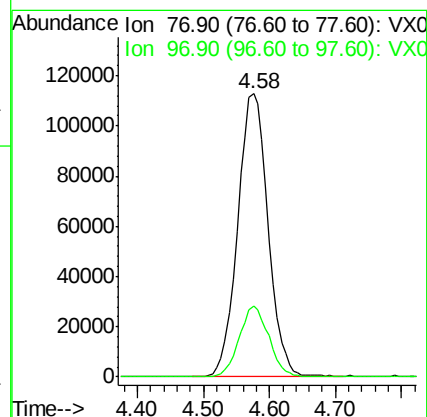
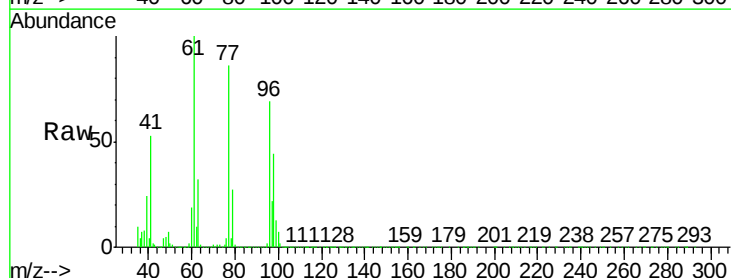
Acq: 07 Jan 2020 20:50

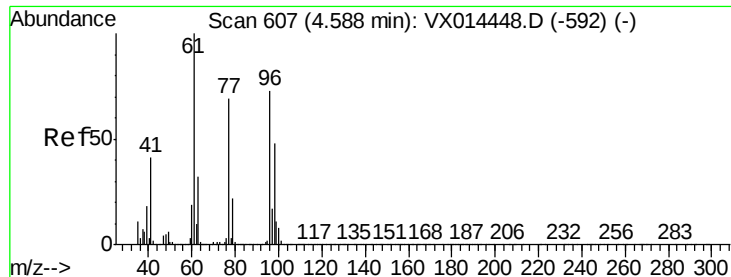
Tgt Ion: 77 Resp: 357514

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1





#27

cis-1,2-Dichloroethene
Concen: 47.676 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

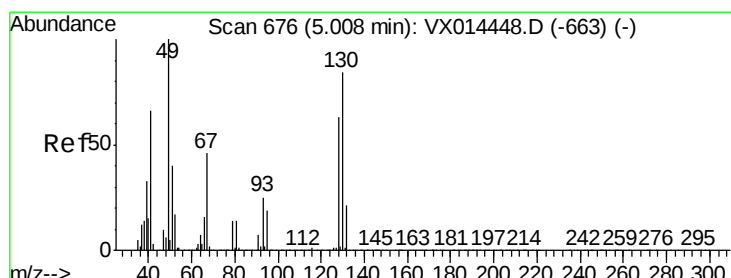
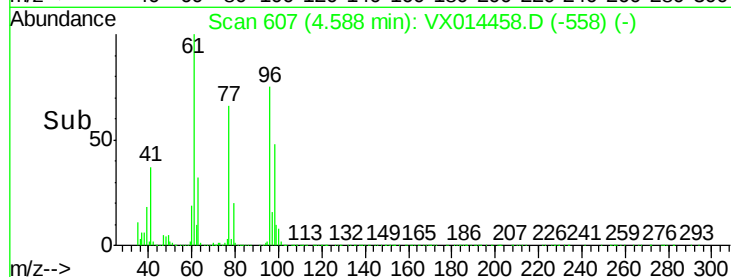
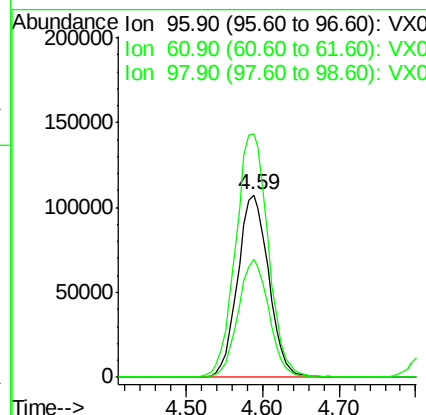
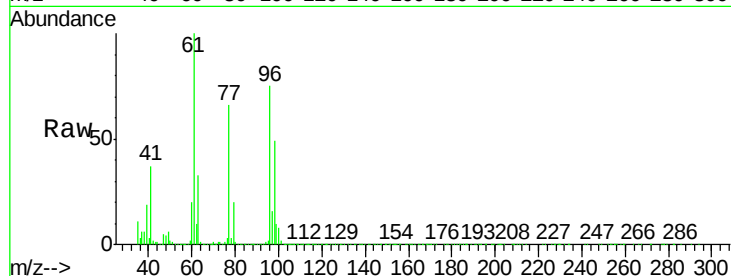
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	302800		
61	139.9	0.0	285.4	
98	63.9	0.0	130.6	

Manual Integrations
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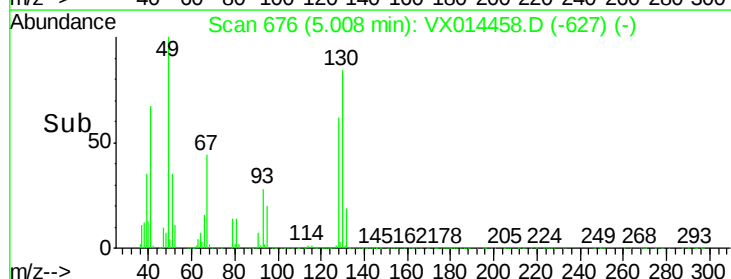
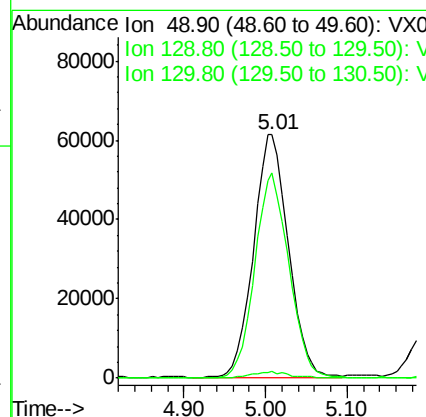
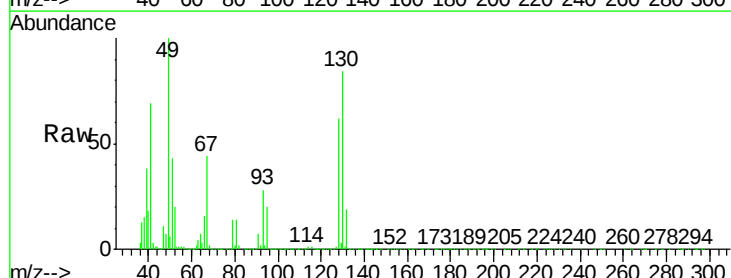
1/8/2020 9:16:22 AM



#28

Bromochloromethane
Concen: 44.992 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	182102		
129	2.9	0.0	4.4	
130	83.0	67.0	100.4	





#29
Tetrahydrofuran
Concen: 255.086 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

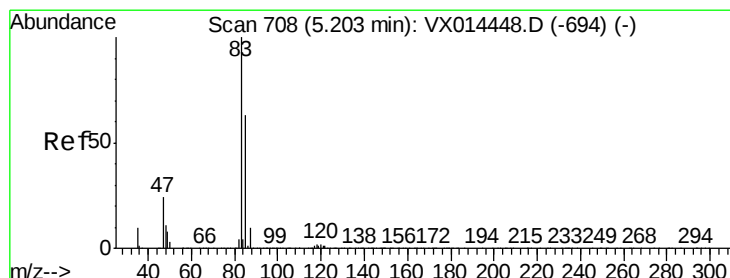
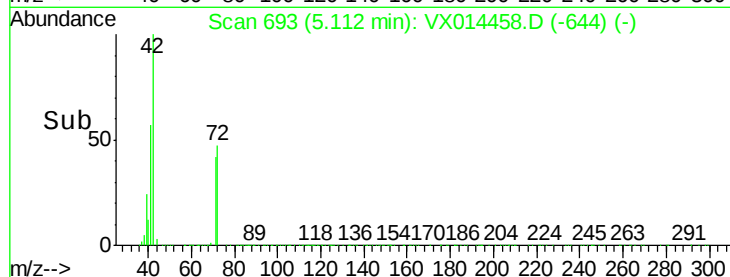
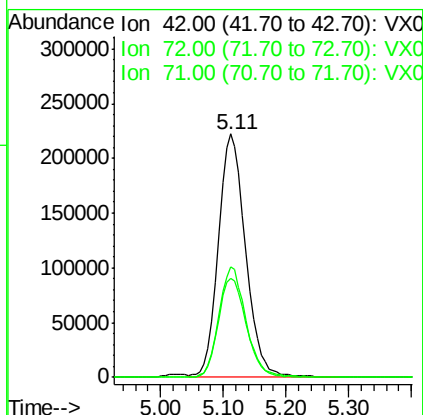
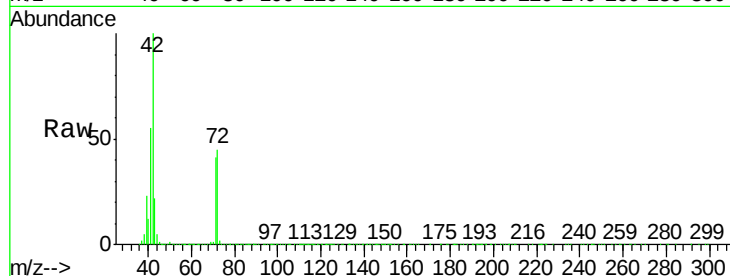
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.2	54.4
71	42.1	34.1	51.1

Manual Integrations
APPROVED

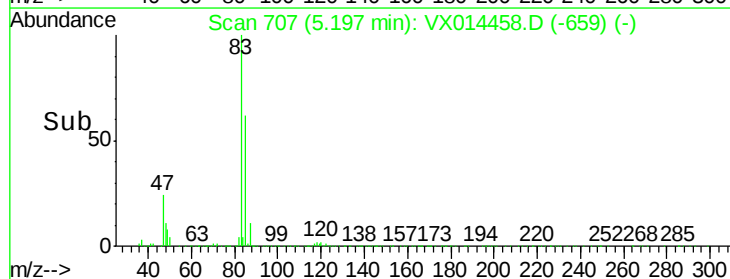
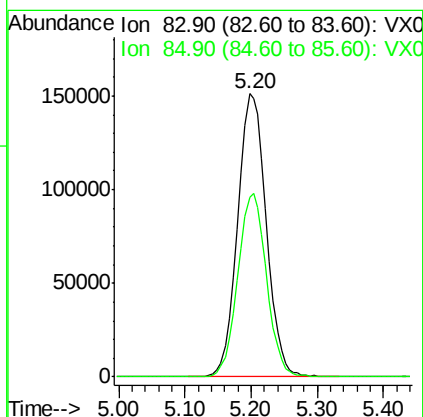
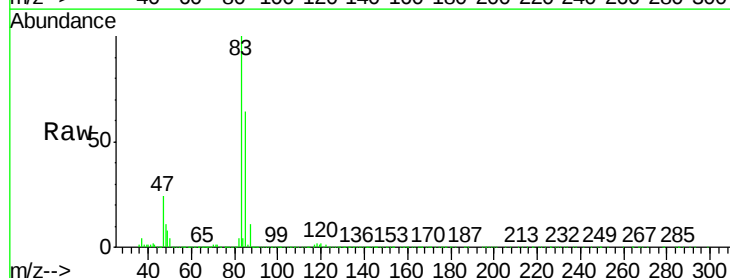
apatel

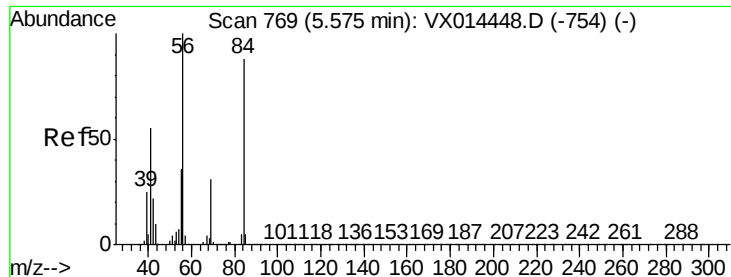
1/8/2020 9:16:22 AM



#30
Chloroform
Concen: 48.375 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	75.8





#31
Cyclohexane
Concen: 49.295 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

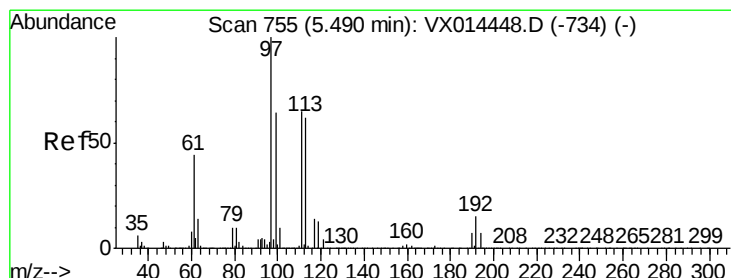
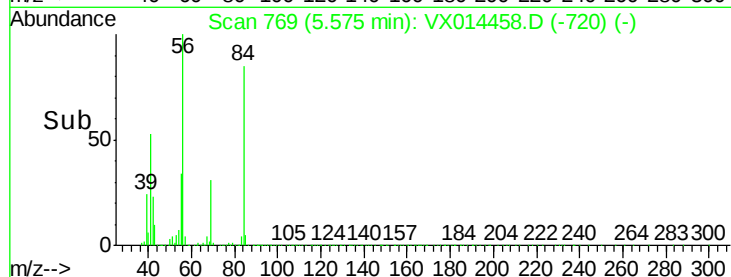
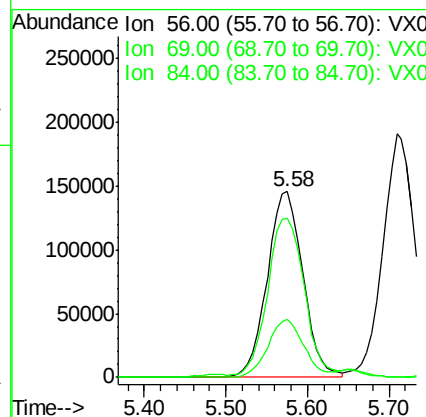
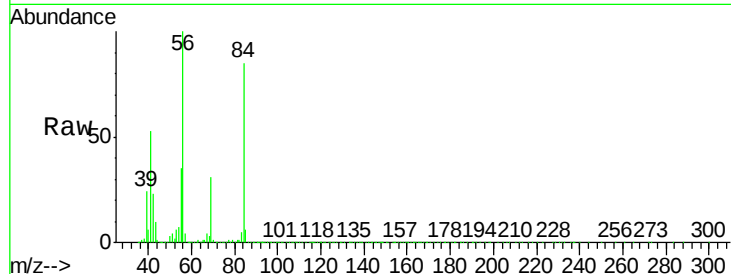
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.4	36.6
84	84.6	70.6	106.0

Manual Integrations
APPROVED

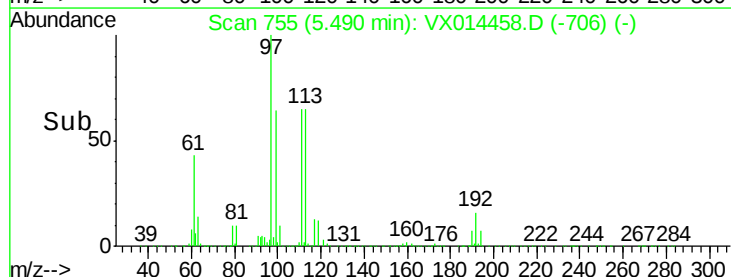
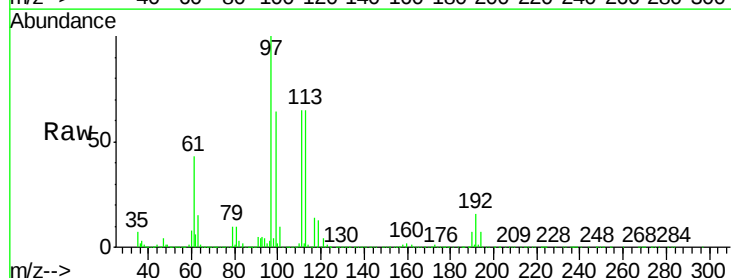
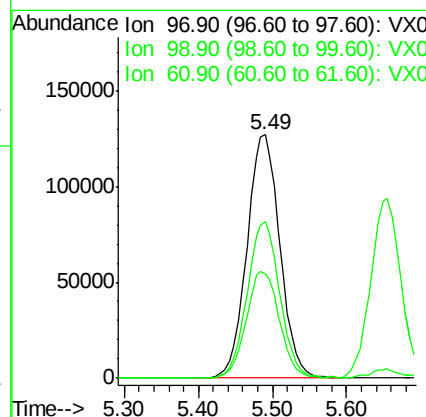
apatel

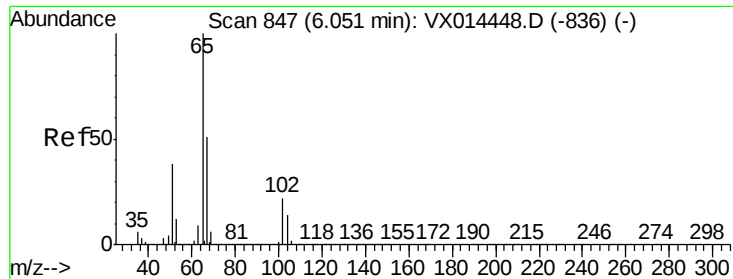
1/8/2020 9:16:22 AM



#32
1,1,1-Trichloroethane
Concen: 48.751 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	44.5	35.9	53.9





#33
 1,2-Dichloroethane-d4
 Concen: 48.309 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

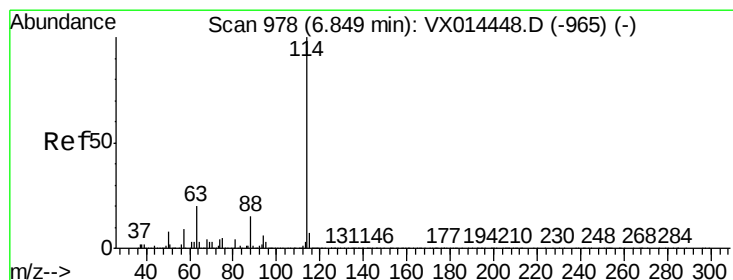
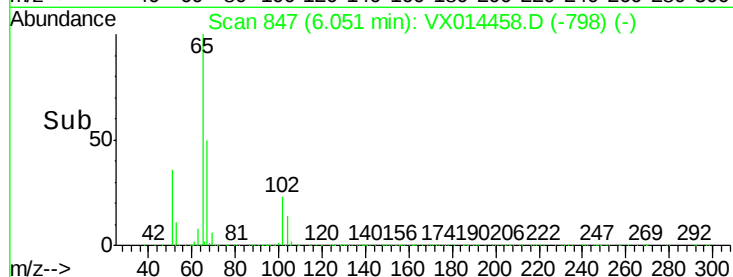
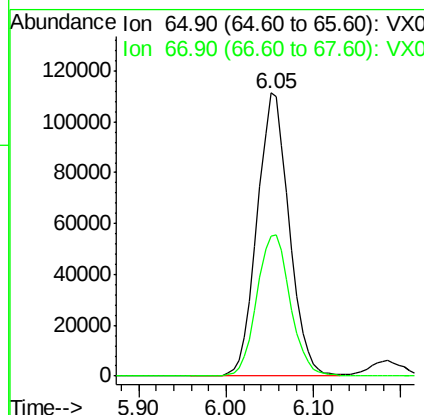
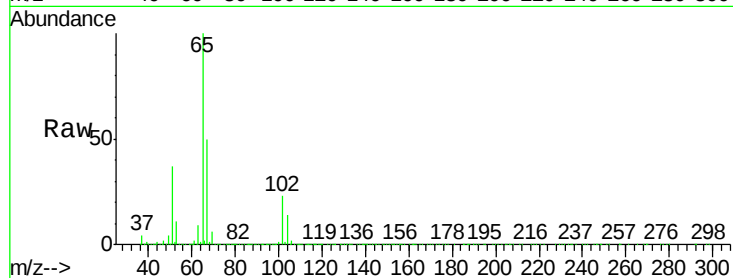
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 284162
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2

Manual Integrations
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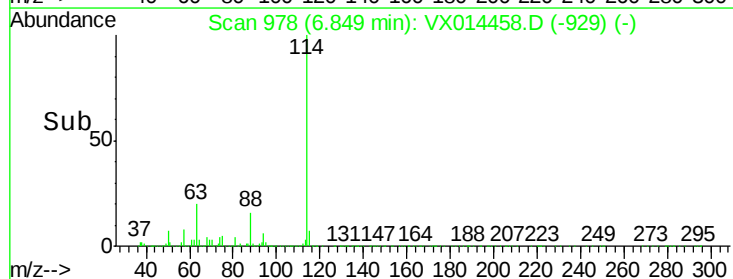
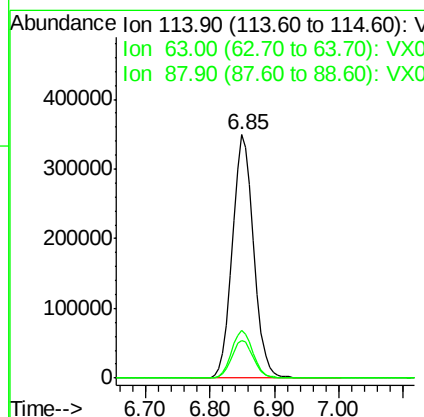
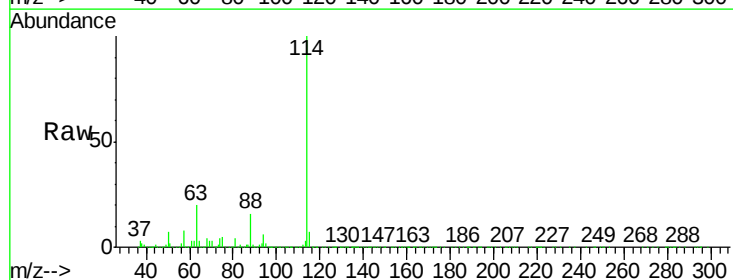
apatel

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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: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion: 114 Resp: 810449
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.994 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

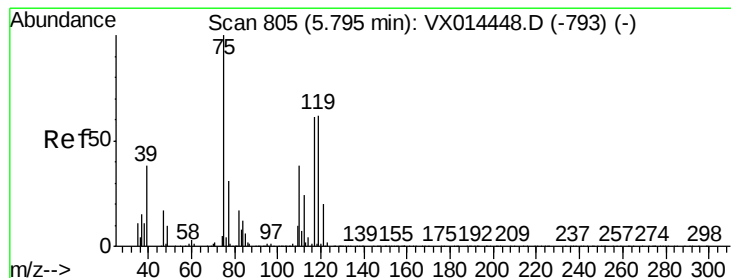
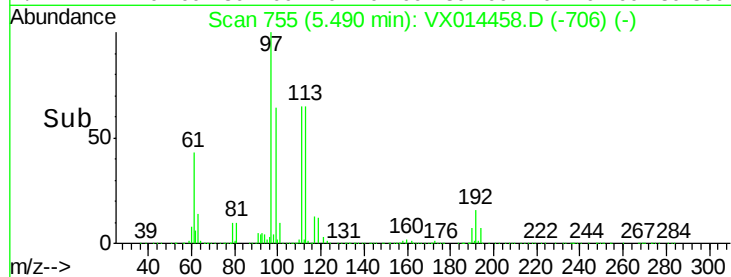
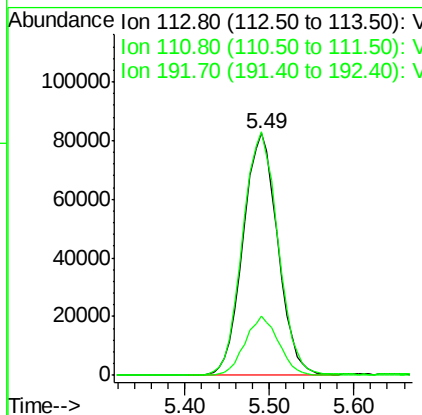
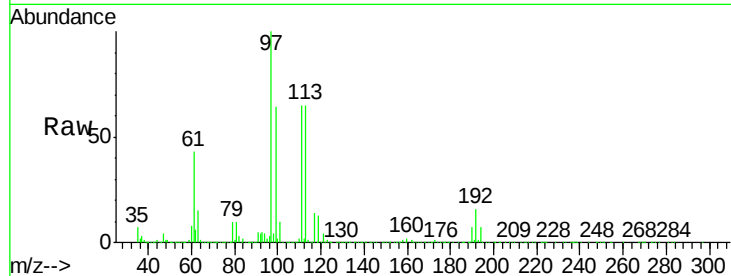
VSTDCCC050EC

Tgt Ion:	113	Resp:	230555
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.5	122.3
192	23.7	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.088 ug/l

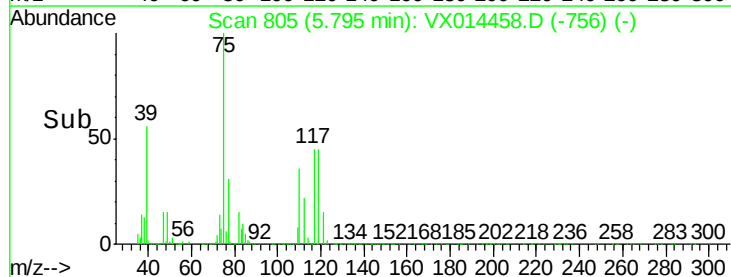
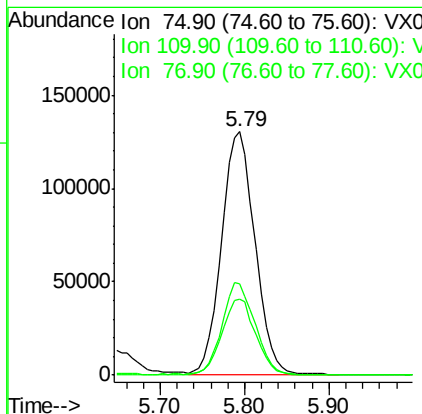
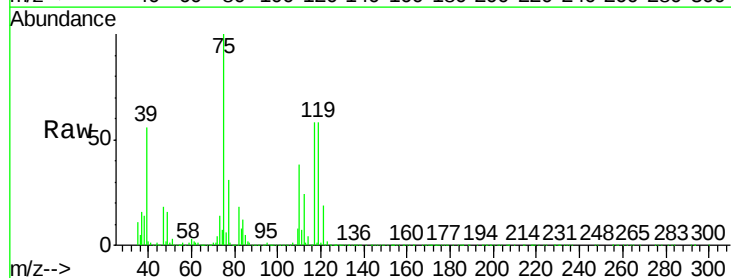
RT: 5.79 min Scan# 805

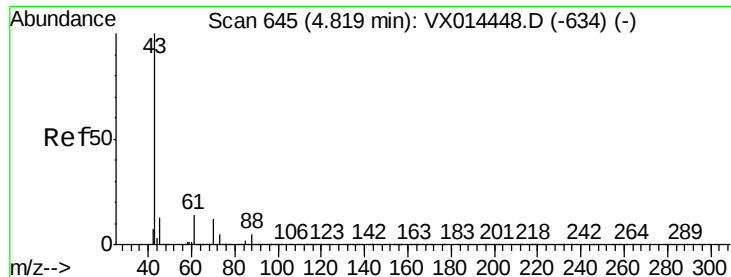
Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:	75	Resp:	351258
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.6	55.8
77	31.6	24.5	36.7





#37
Ethyl Acetate
Concen: 48.507 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

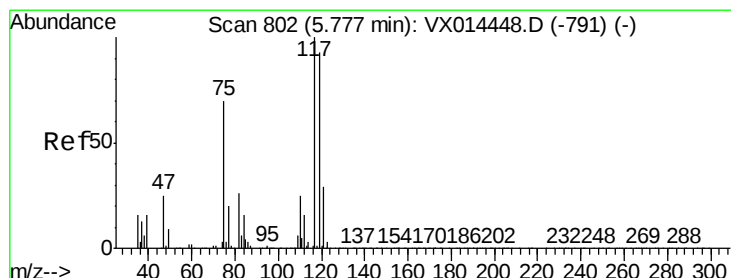
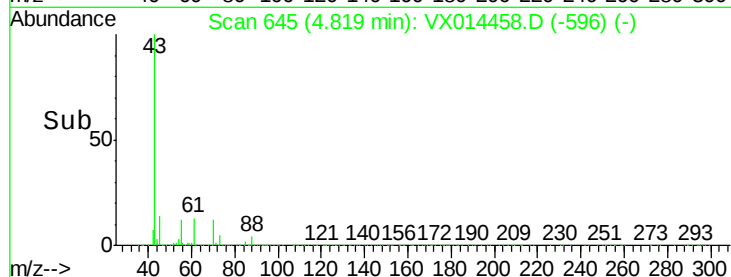
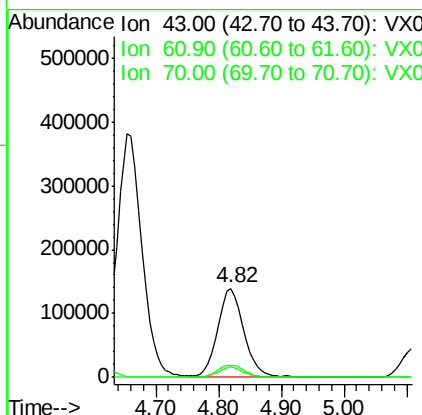
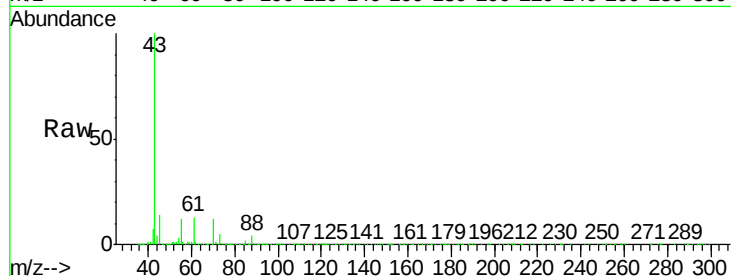
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	10.8	8.9	13.3

Manual Integrations
APPROVED

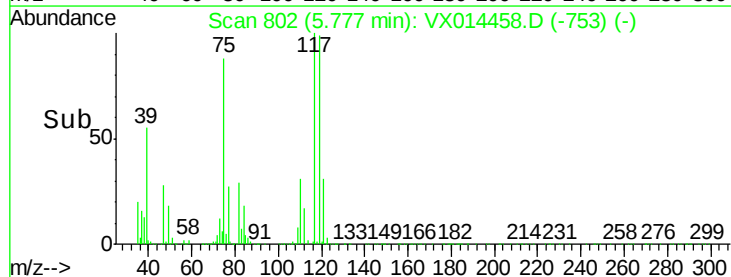
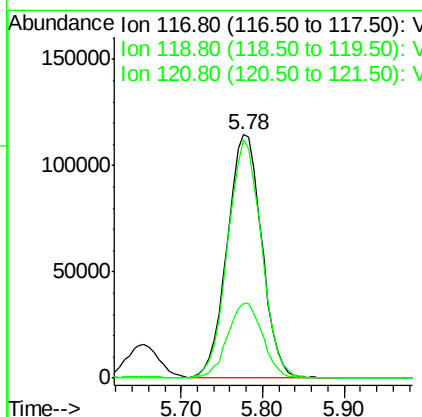
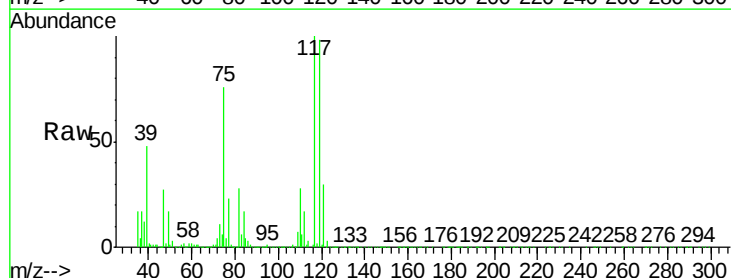
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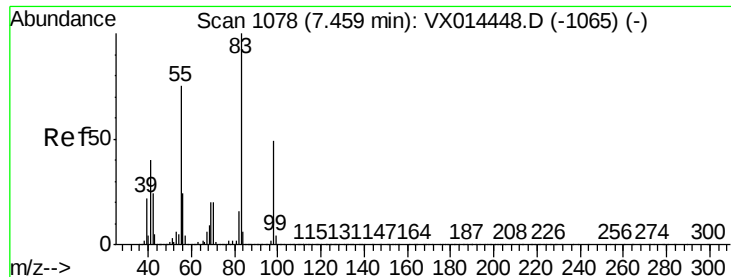
1/8/2020 9:16:22 AM



#38
Carbon Tetrachloride
Concen: 47.681 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	73.8	110.8
121	30.4	23.4	35.0





#39
Methylcyclohexane
Concen: 46.411 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

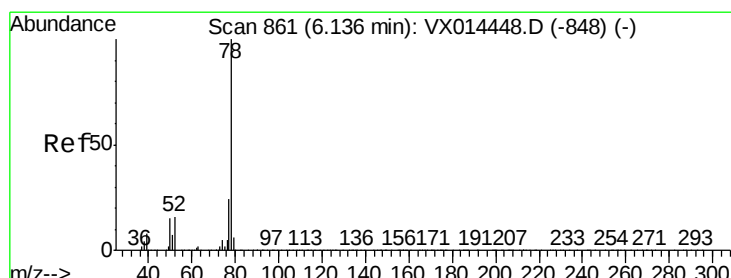
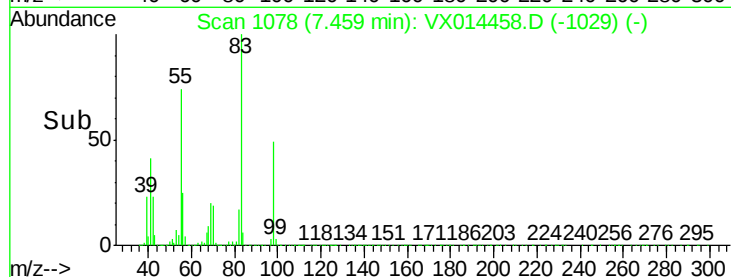
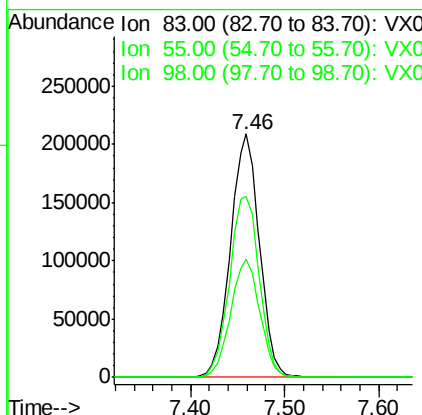
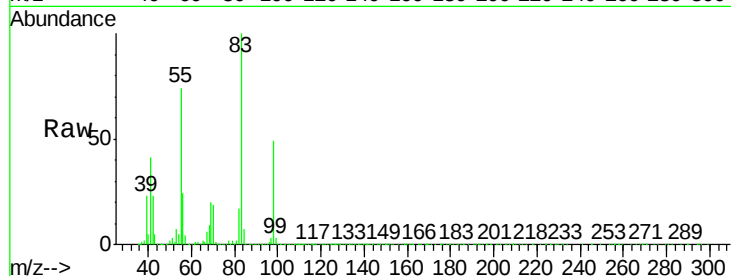
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.1	59.7	89.5
98	48.6	39.1	58.7

Manual Integrations
APPROVED

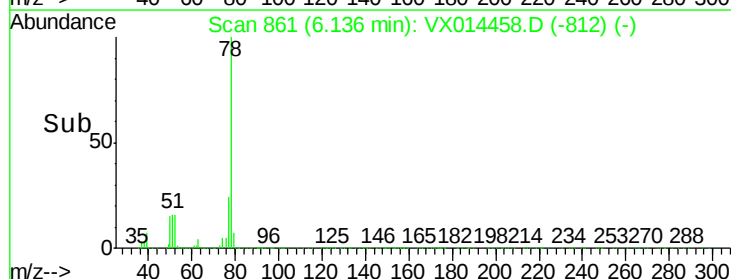
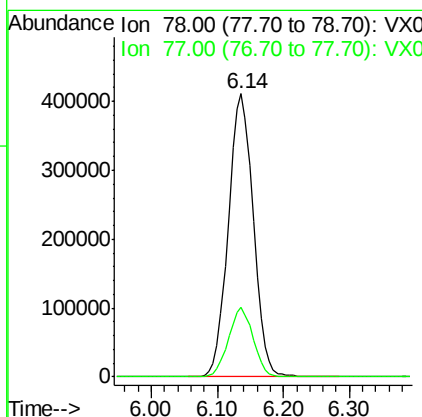
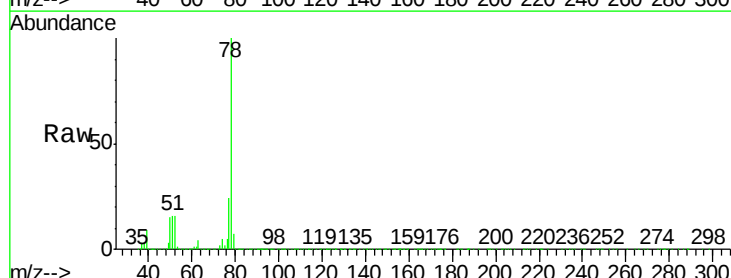
apatel

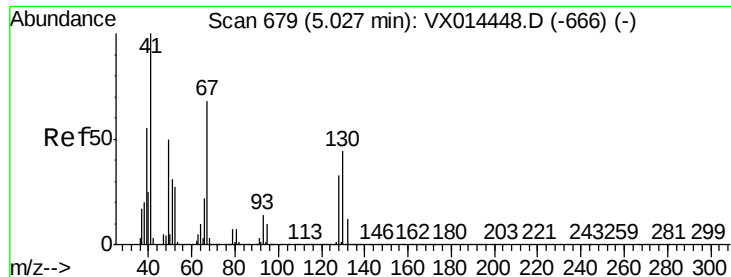
1/8/2020 9:16:22 AM



#40
Benzene
Concen: 47.645 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





#41

Methacrylonitrile

Concen: 50.646 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampled :

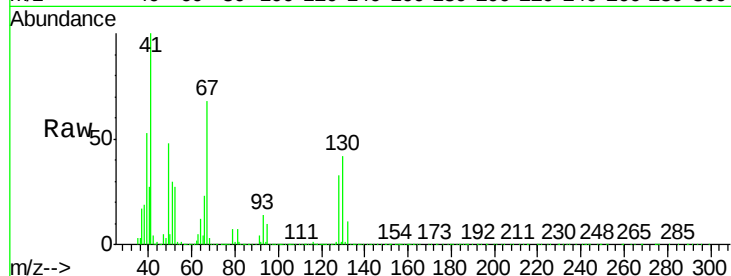
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.6	65.4
67	69.9	57.9	86.9
52	28.2	23.0	34.6

Manual Integrations
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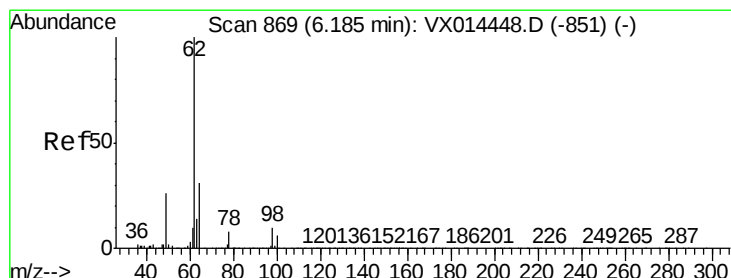
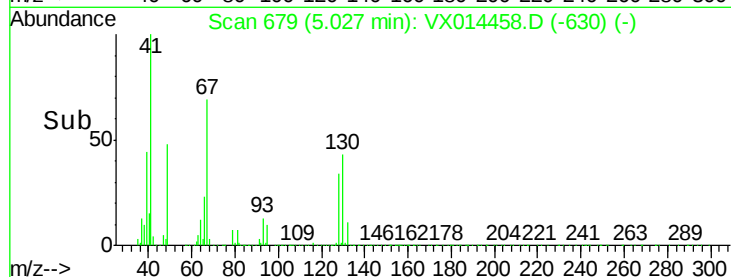
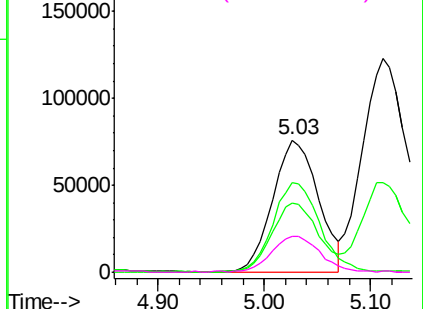


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.353 ug/l

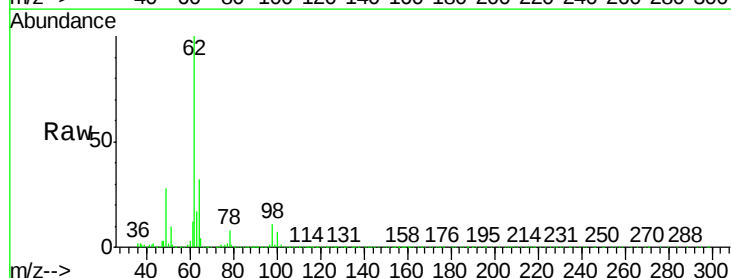
RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX014458.D

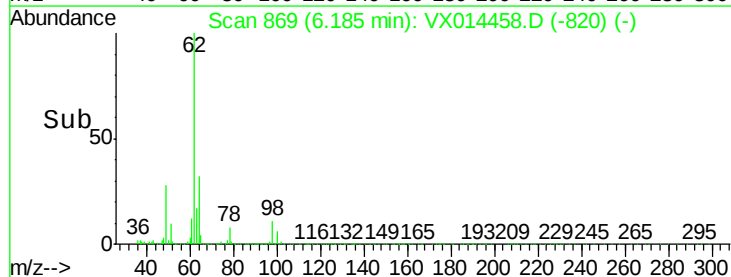
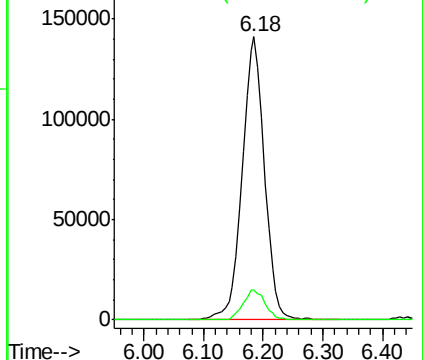
Acq: 07 Jan 2020 20:50

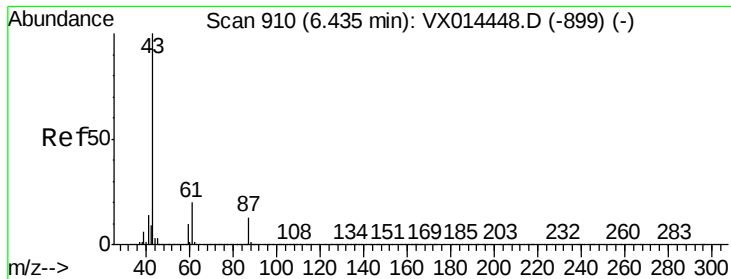
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate
 Concen: 49.302 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

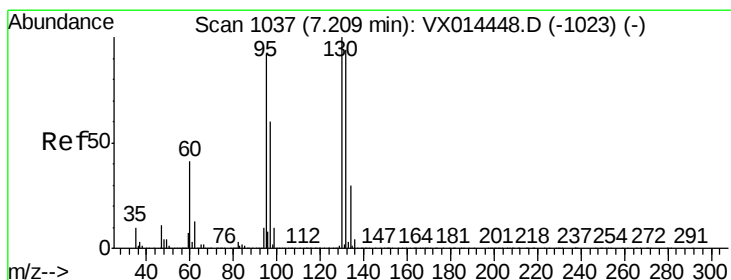
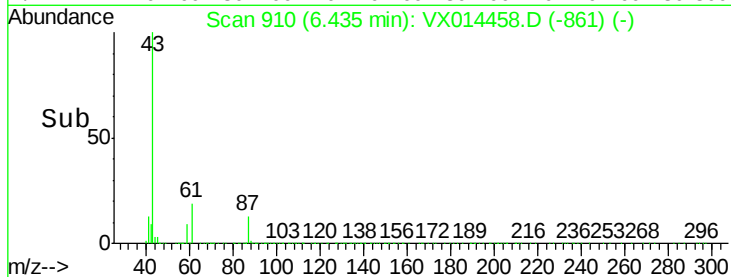
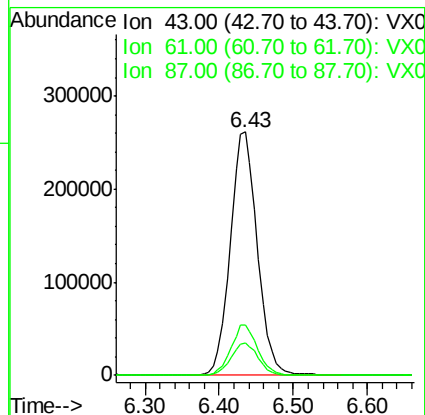
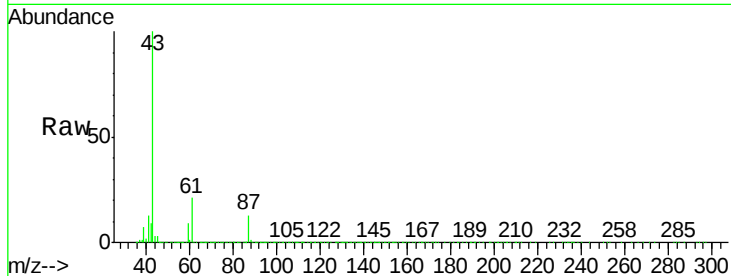
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.6	24.8
87	13.3	10.8	16.2

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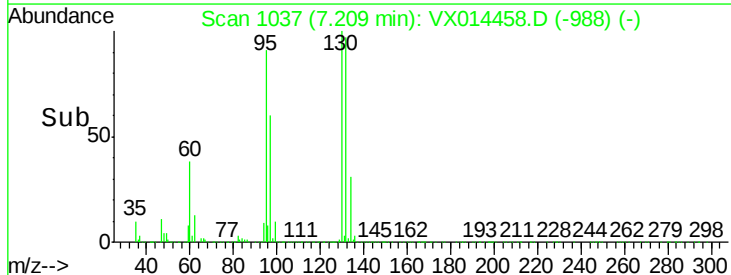
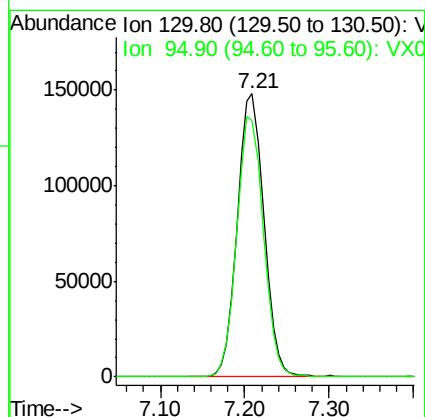
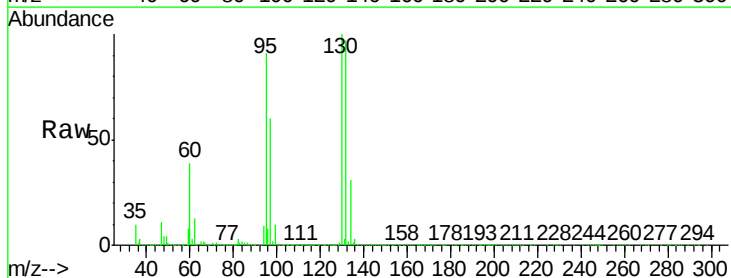
1/8/2020 9:16:22 AM

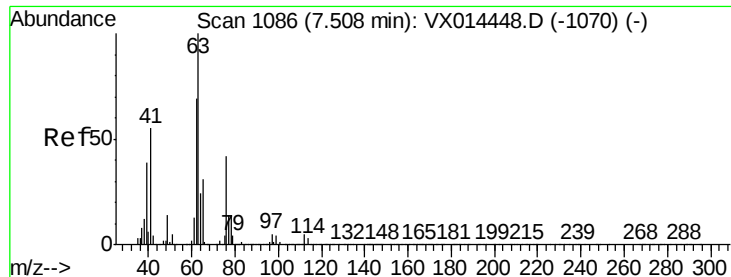


#44

Trichloroethene
 Concen: 48.536 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	184.2





#45

1,2-Dichloropropane

Concen: 47.914 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 276324

Ion Ratio Lower Upper

63 100

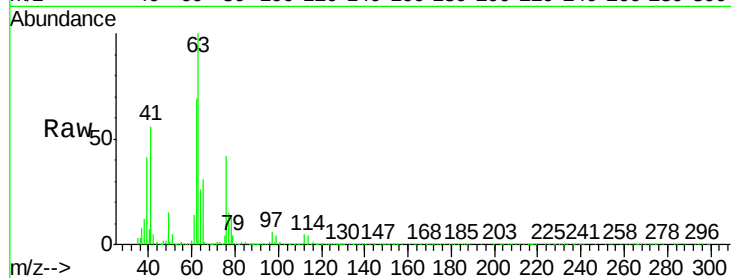
65 30.5 24.8 37.2

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

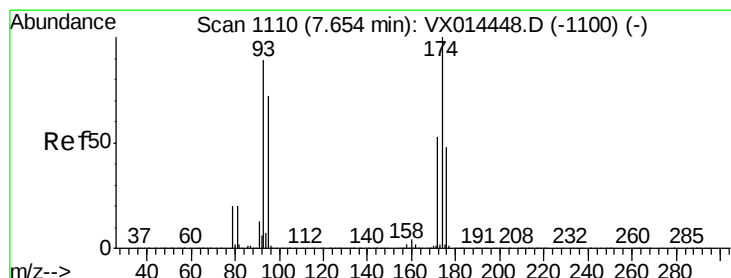
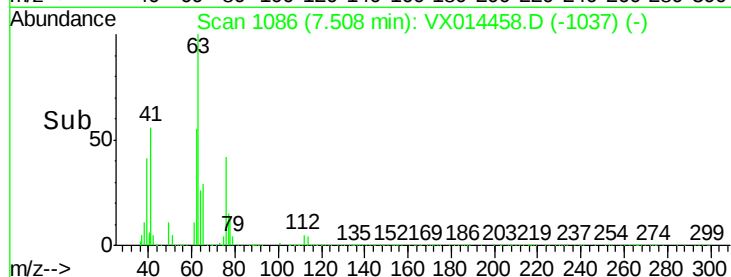
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 44.772 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

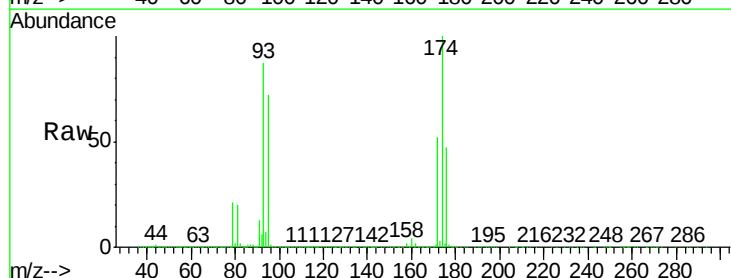
Tgt Ion: 93 Resp: 180216

Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.2

174 118.4 93.0 139.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

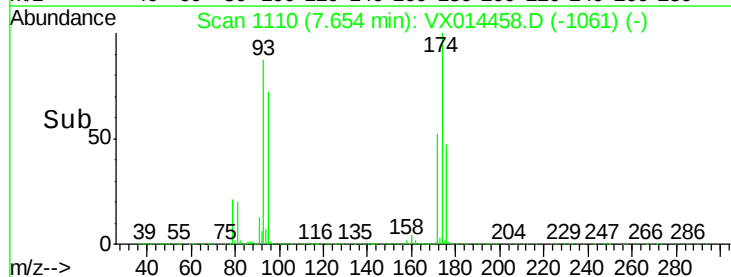
150000

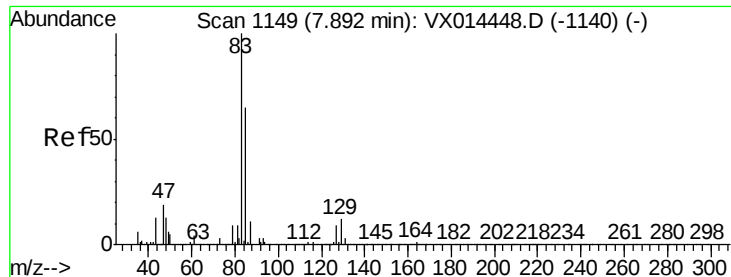
100000

50000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 48.720 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

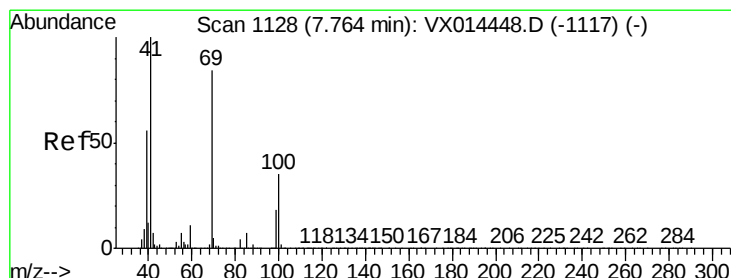
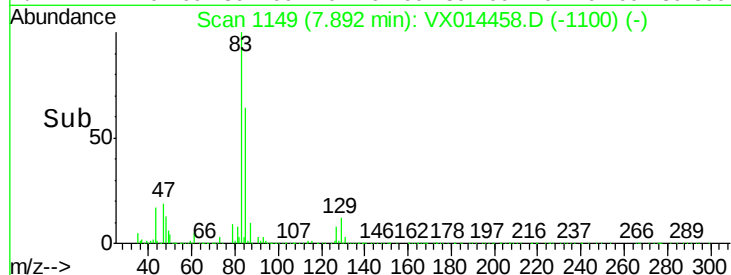
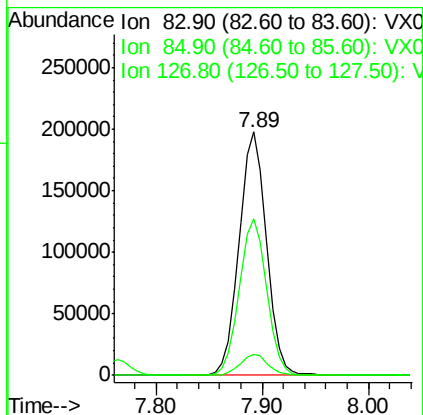
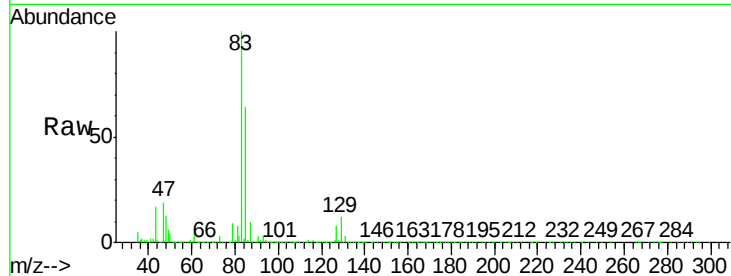
VSTDCCC050EC

Tgt Ion:	83	Resp:	356842
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.7	77.5
127	8.3	7.1	10.7

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#48

Methyl methacrylate

Concen: 50.807 ug/l

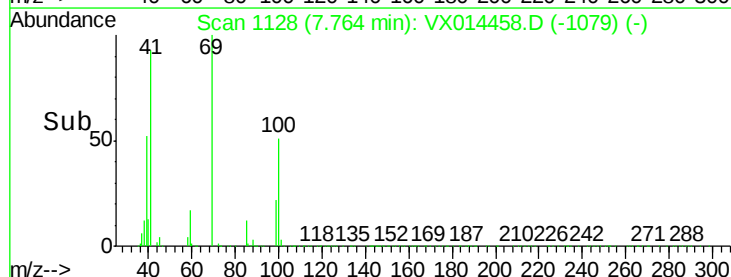
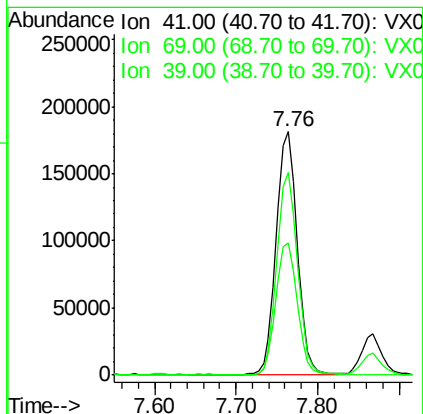
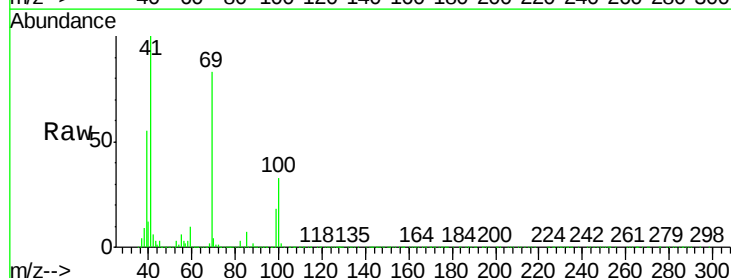
RT: 7.76 min Scan# 1128

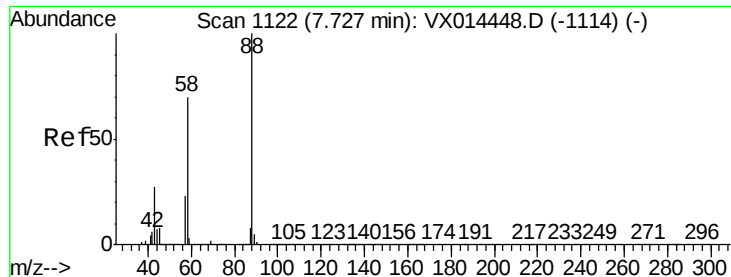
Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:	41	Resp:	325424
Ion Ratio	Lower	Upper	
41	100		
69	81.6	65.5	98.3
39	55.0	43.9	65.9





#49

1,4-Dioxane

Concen: 972.872 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

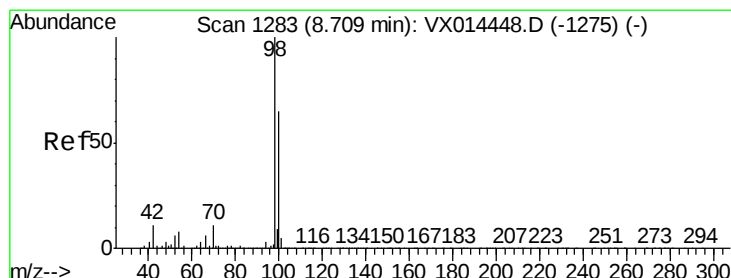
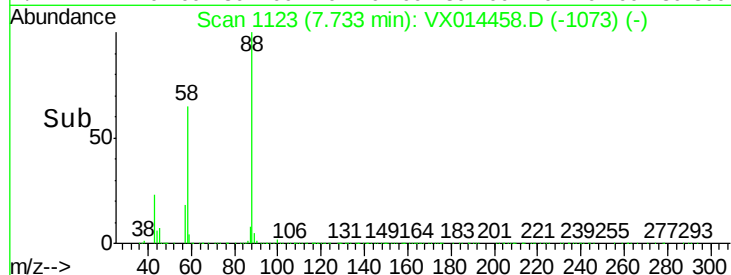
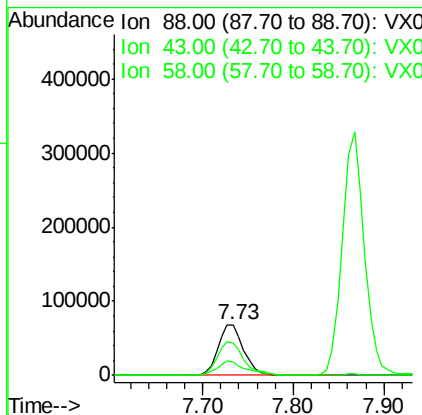
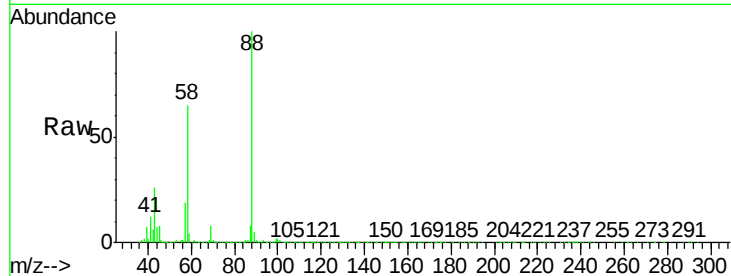
VSTDCCC050EC

Tgt Ion:	88	Resp:	132037
Ion Ratio	Lower	Upper	
88	100		
43	31.6	27.4	41.0
58	68.3	57.1	85.7

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#50

Toluene-d8

Concen: 47.937 ug/l

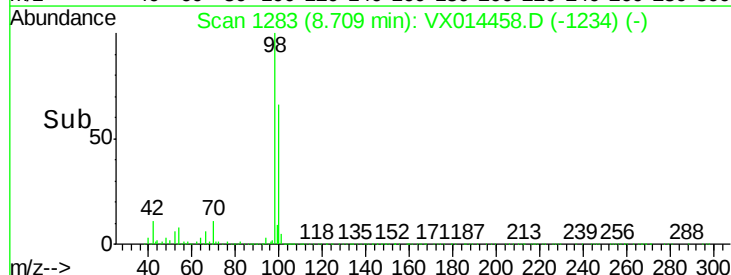
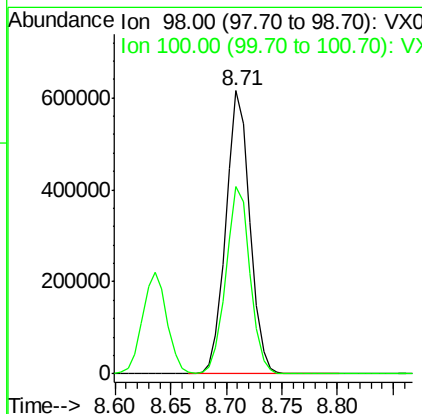
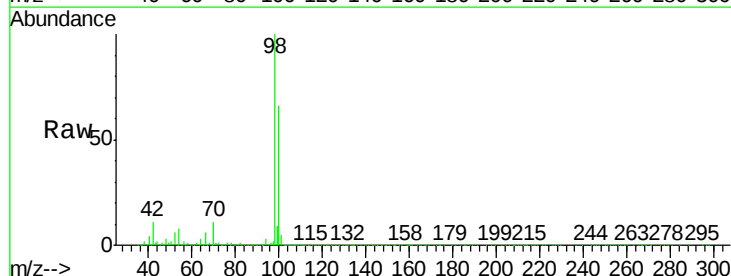
RT: 8.71 min Scan# 1283

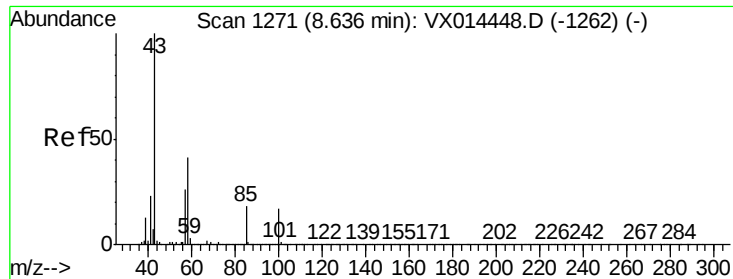
Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:	98	Resp:	912649
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 250.779 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2043695

Ion Ratio Lower Upper

43 100

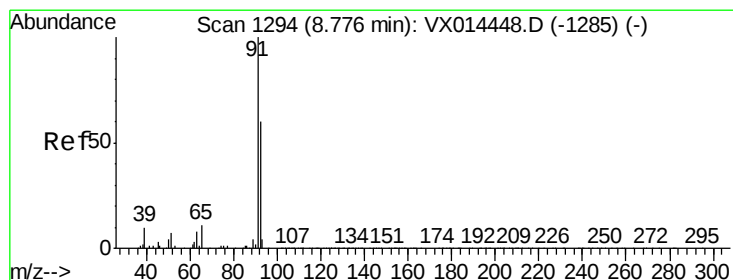
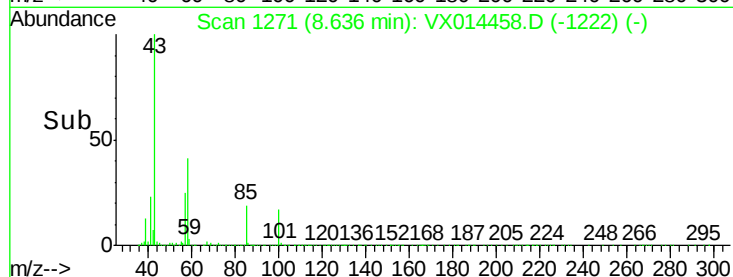
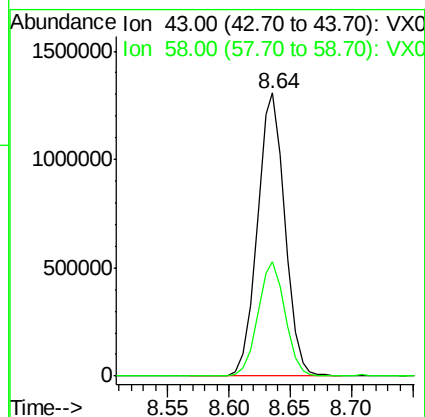
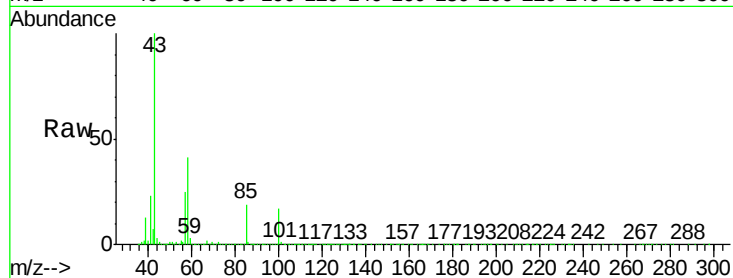
58 40.1 32.4 48.6

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#52

Toluene

Concen: 47.188 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014458.D

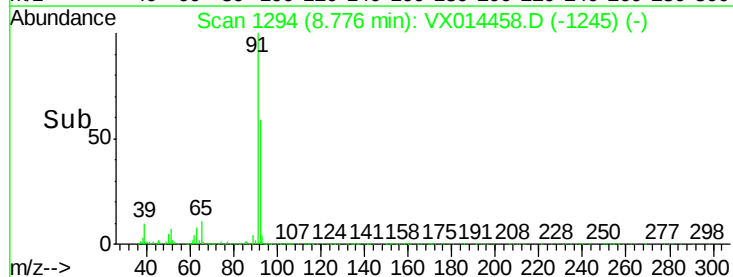
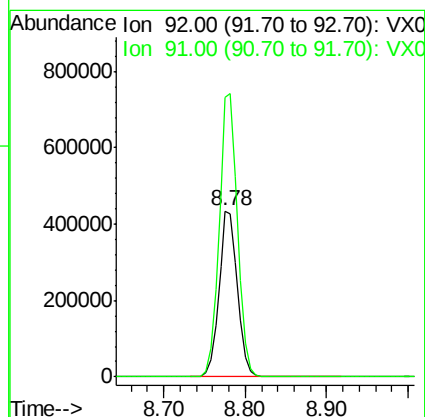
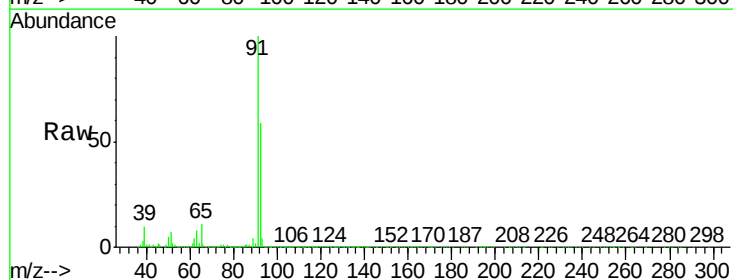
Acq: 07 Jan 2020 20:50

Tgt Ion: 92 Resp: 683298

Ion Ratio Lower Upper

92 100

91 170.6 135.7 203.5





#53
t-1,3-Dichloropropene
Concen: 47.583 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

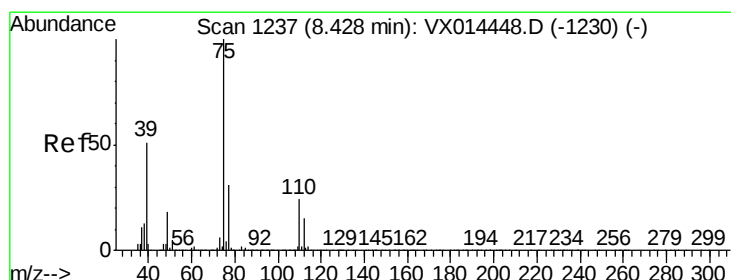
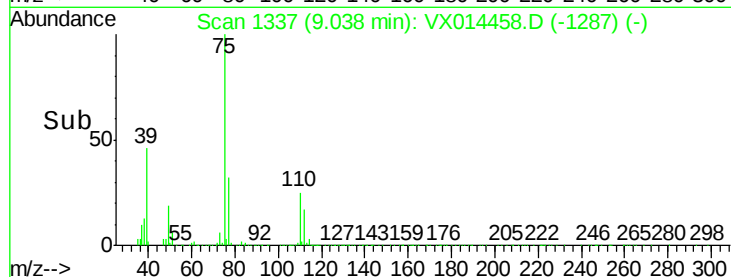
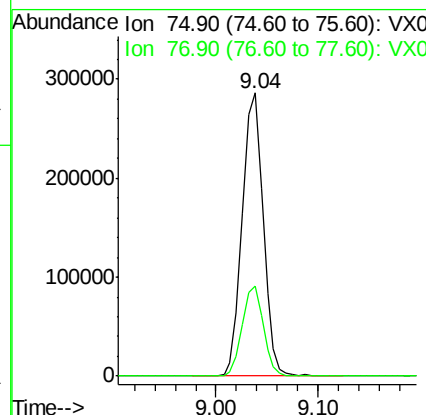
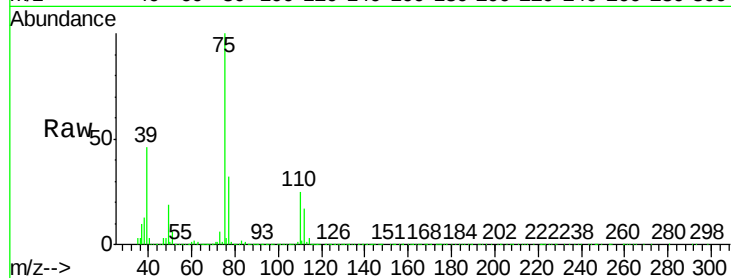
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 405743
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

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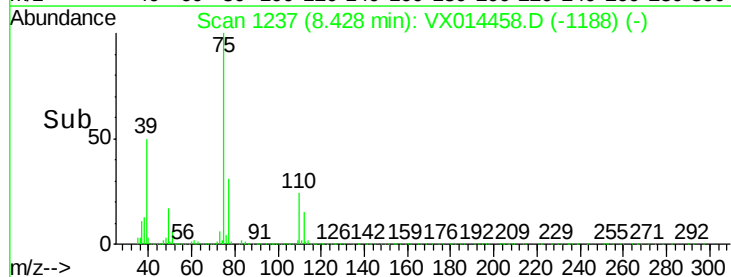
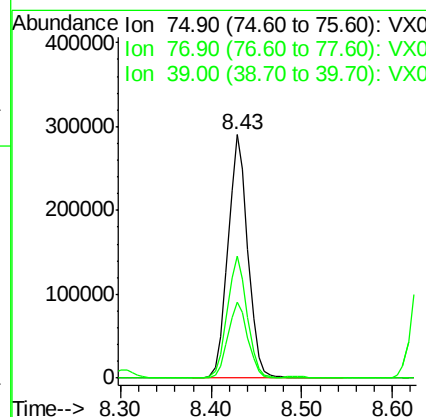
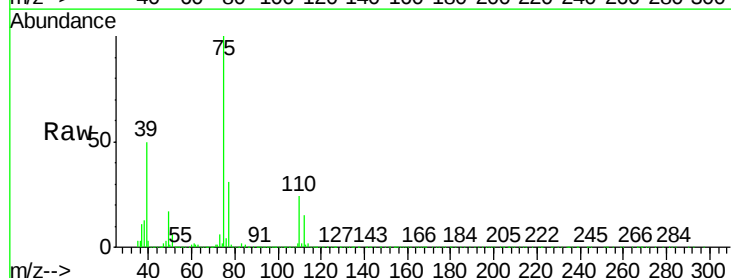
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#54
cis-1,3-Dichloropropene
Concen: 48.380 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 75 Resp: 445641
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4
39 50.1 40.7 61.1





#55
 1,1,2-Trichloroethane
 Concen: 47.251 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

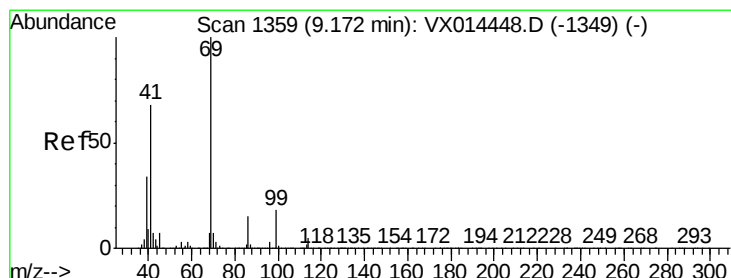
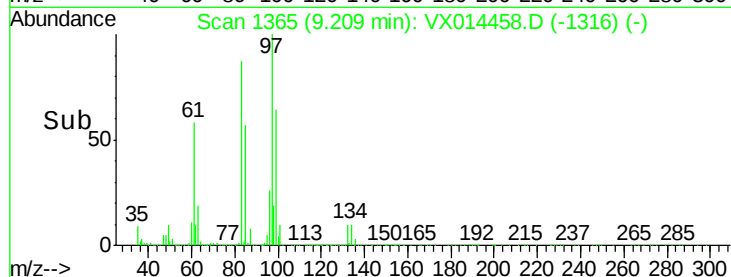
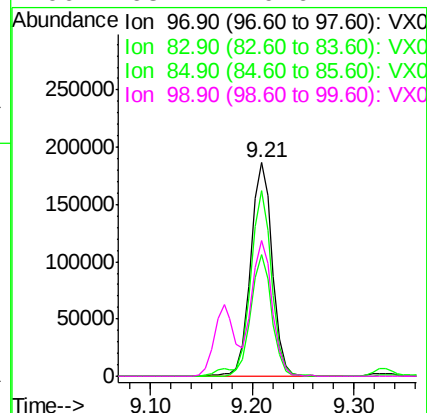
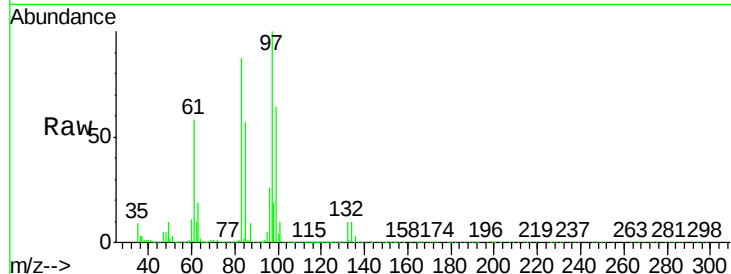
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	274821		
83	86.7	66.4	99.6	
85	57.1	43.4	65.2	
99	63.7	49.6	74.4	

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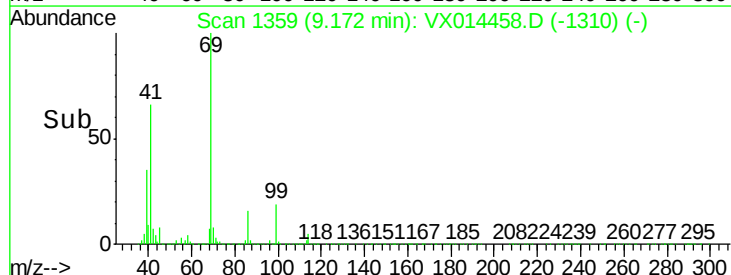
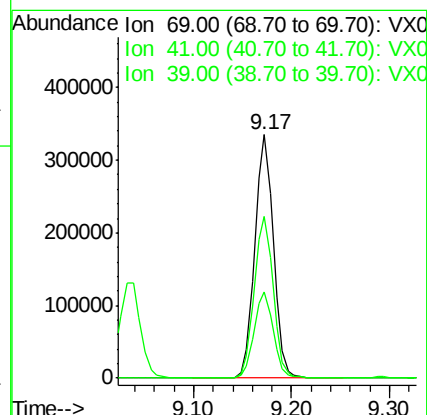
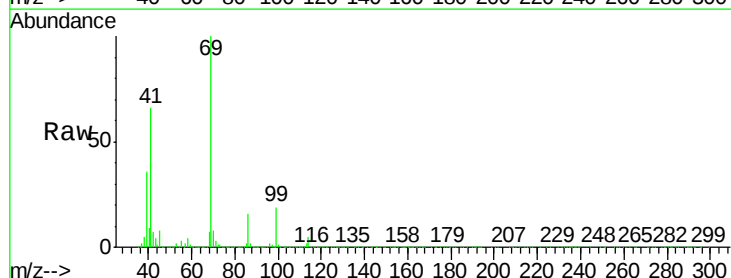
apatel

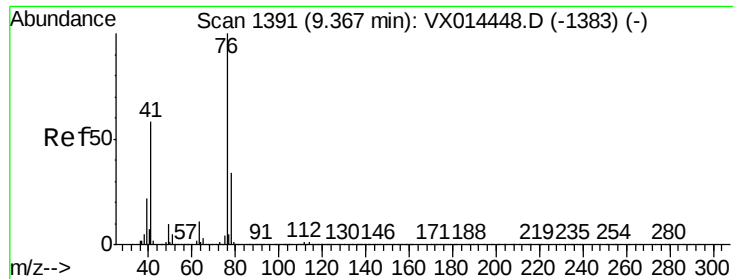
1/8/2020 9:16:22 AM



#56
 Ethyl methacrylate
 Concen: 50.073 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	446183		
41	67.0	54.2	81.2	
39	36.1	28.2	42.2	





#57
 1,3-Dichloropropane
 Concen: 47.423 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

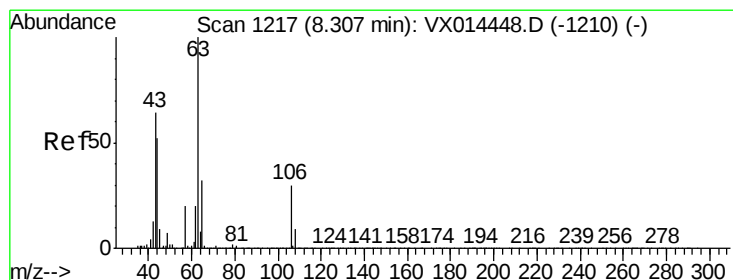
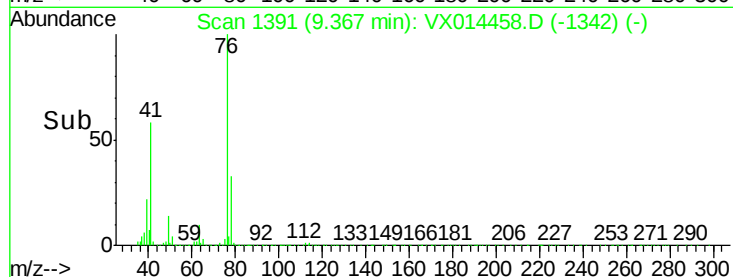
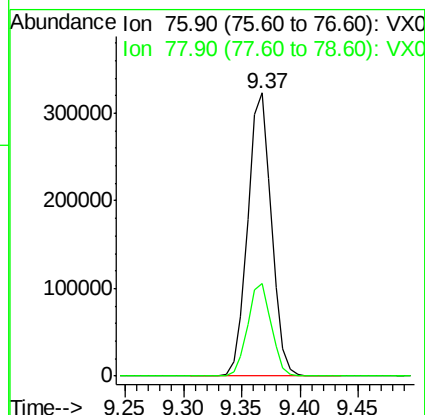
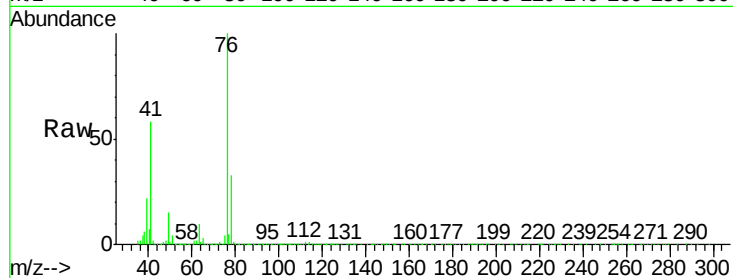
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 461172
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6

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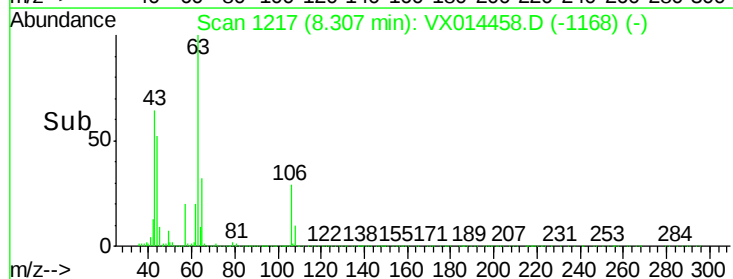
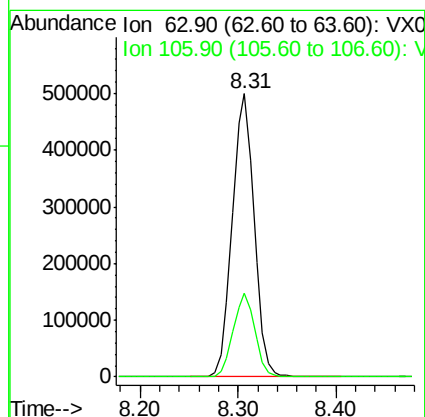
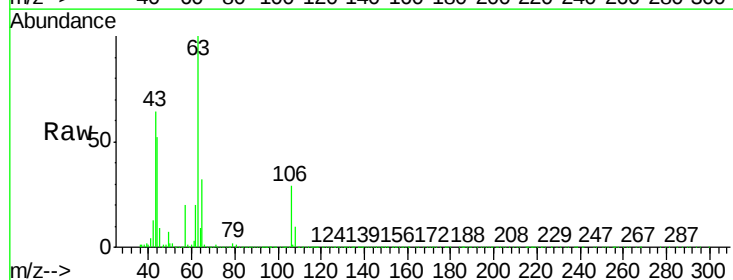
apatel

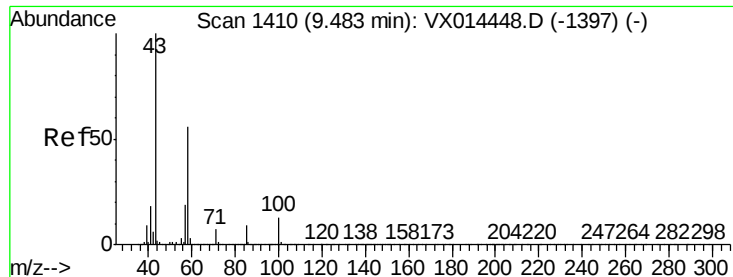
1/8/2020 9:16:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.221 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion: 63 Resp: 776791
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.6 35.4





#59
2-Hexanone
Concen: 247.627 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

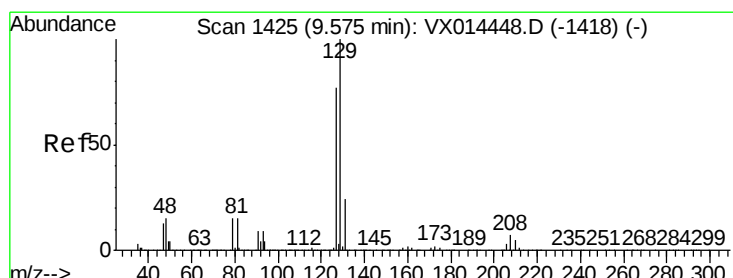
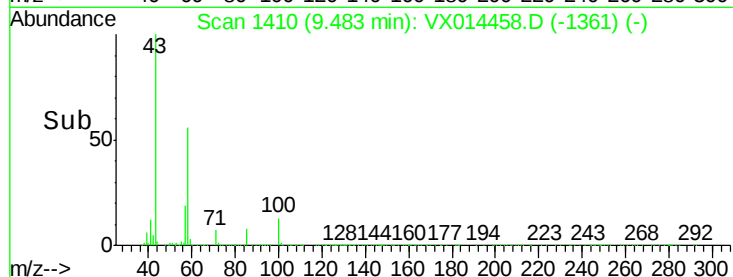
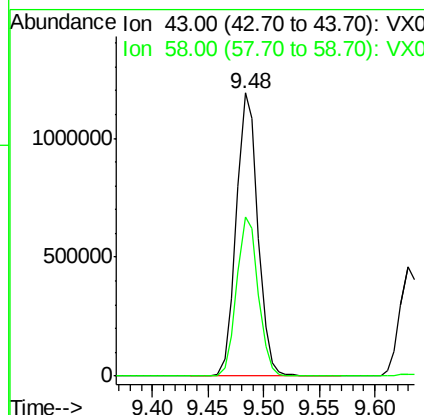
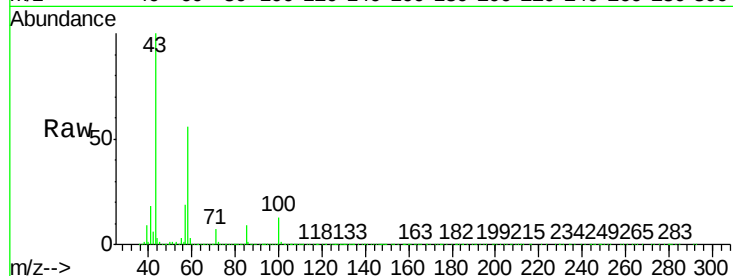
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1596733
Ion Ratio Lower Upper
43 100
58 56.3 27.9 83.7

Manual Integrations
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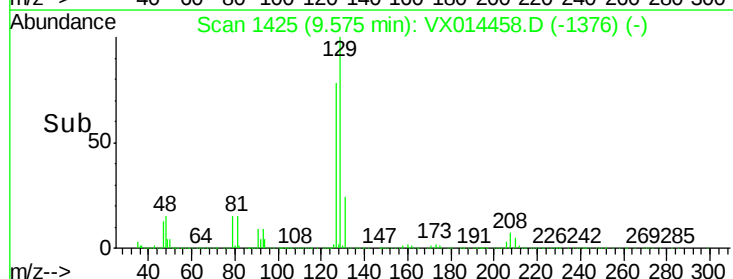
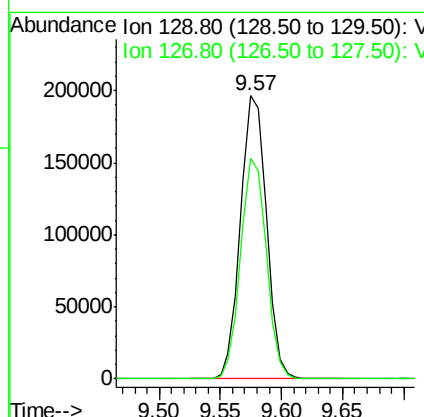
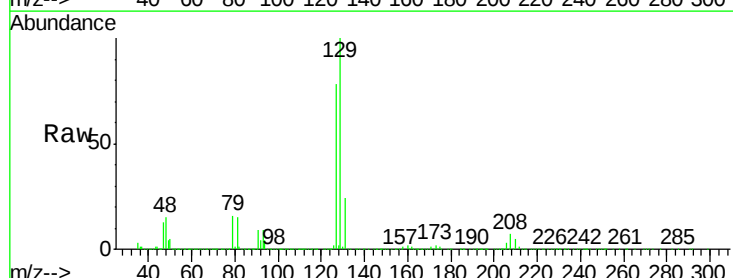
apatel

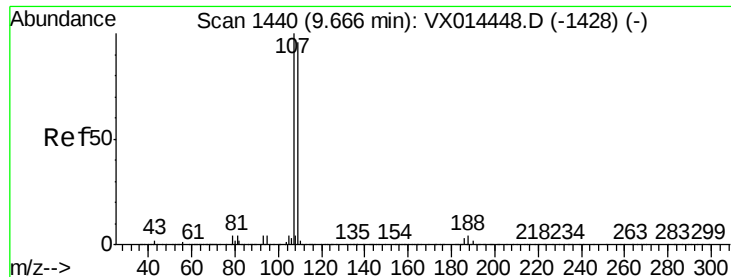
1/8/2020 9:16:22 AM



#60
Dibromochloromethane
Concen: 49.577 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 129 Resp: 289827
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 46.619 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 287224

Ion Ratio Lower Upper

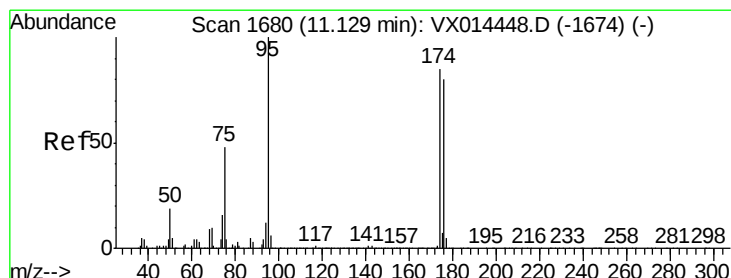
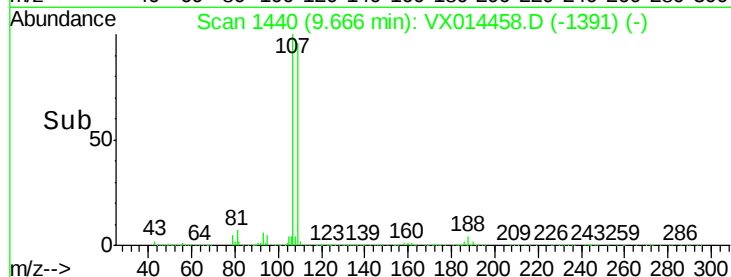
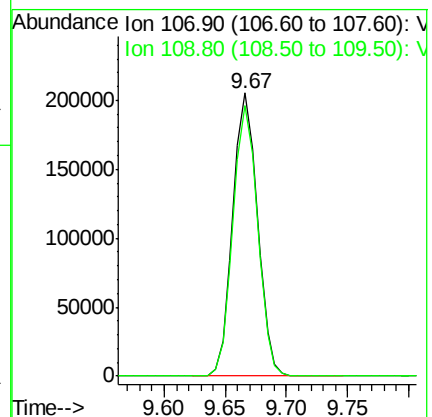
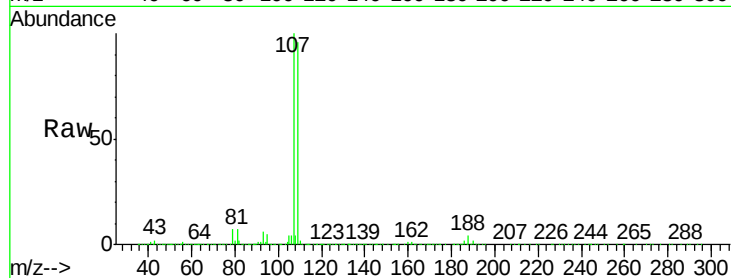
107 100

109 95.3 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 48.042 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

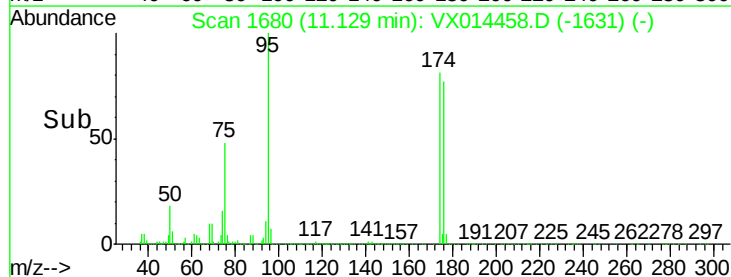
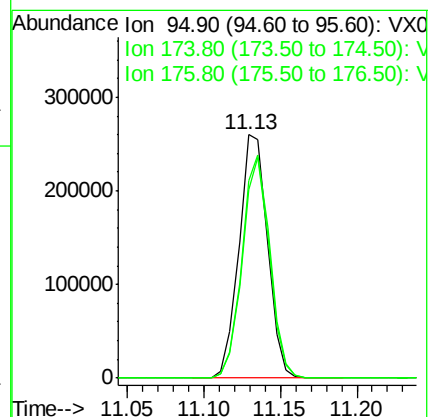
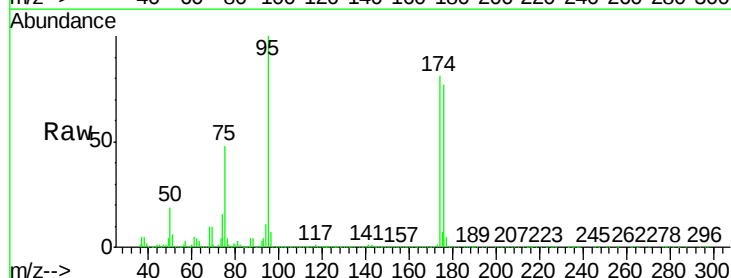
Tgt Ion: 95 Resp: 335778

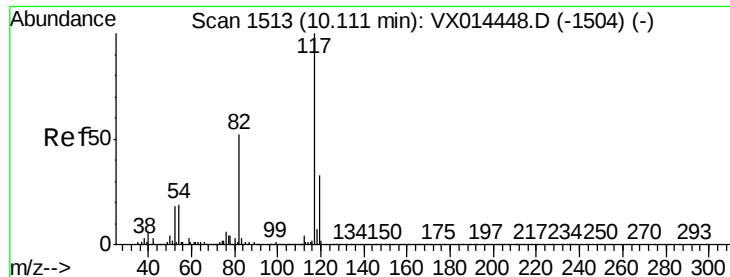
Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.8

176 86.1 0.0 172.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

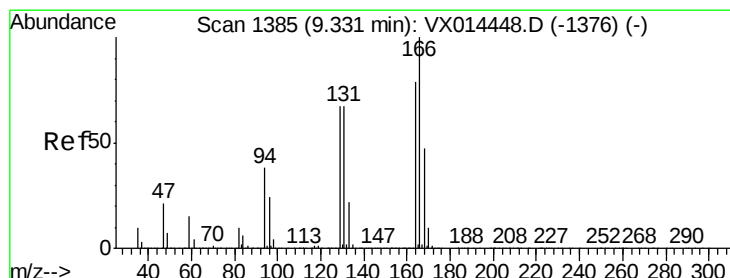
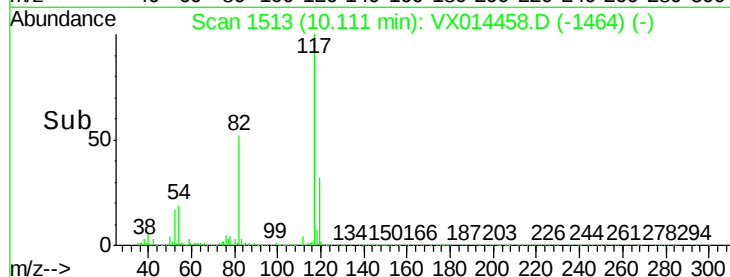
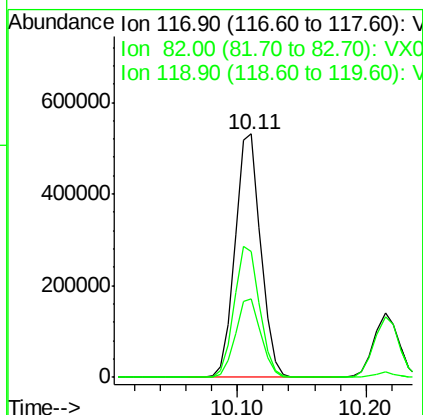
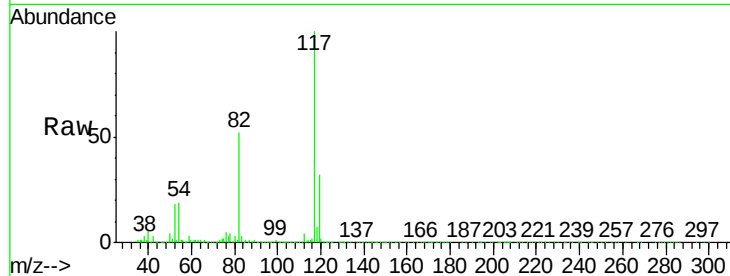
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	51.8	41.8	62.6
119	32.4	26.2	39.4

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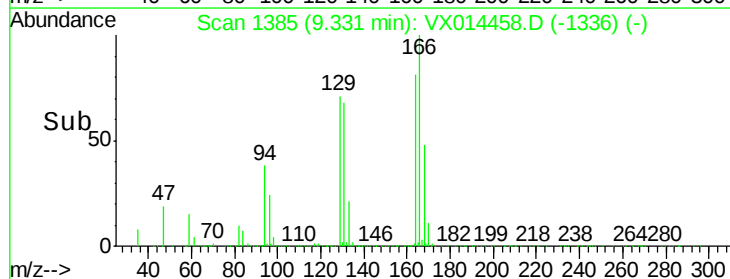
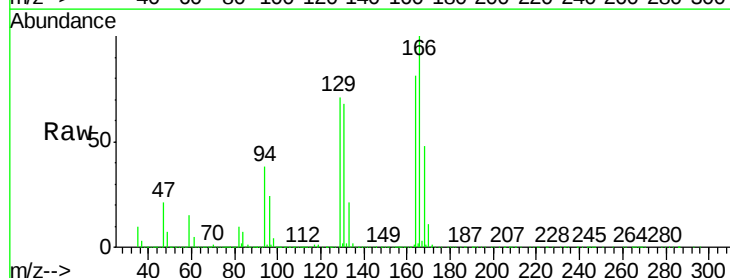
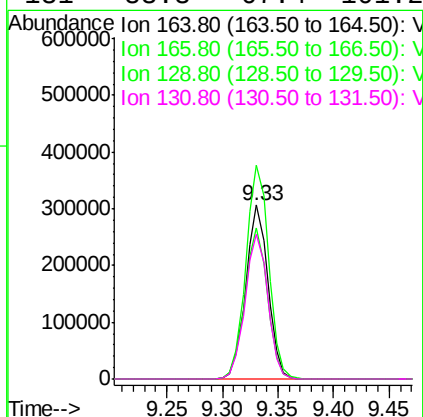
apatel

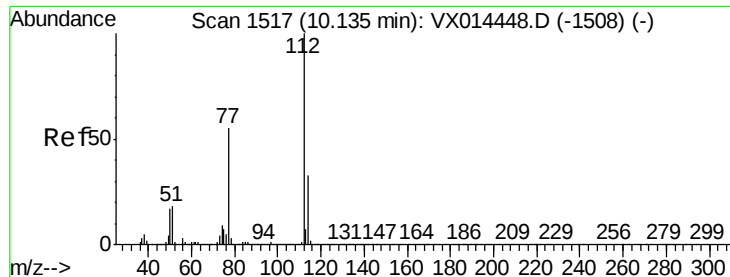
1/8/2020 9:16:22 AM



#64
Tetrachloroethene
Concen: 57.759 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	122.9	101.2	151.8
129	86.7	68.3	102.5
131	83.3	67.4	101.2





#65
Chlorobenzene
Concen: 46.527 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

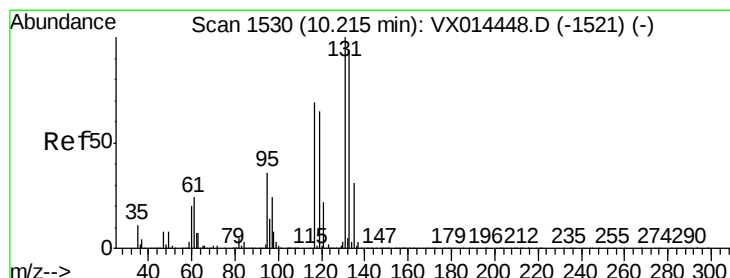
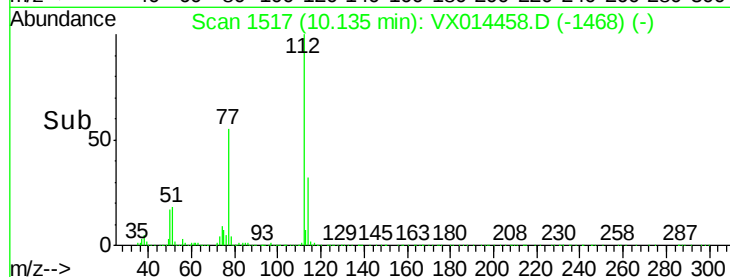
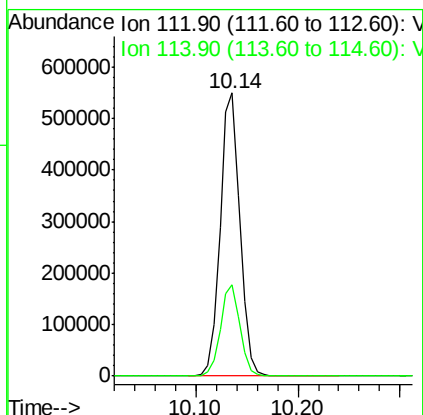
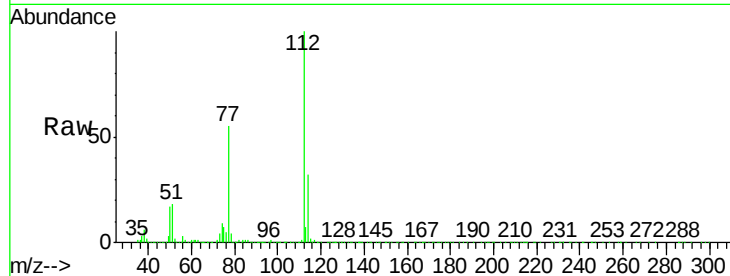
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 739433
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

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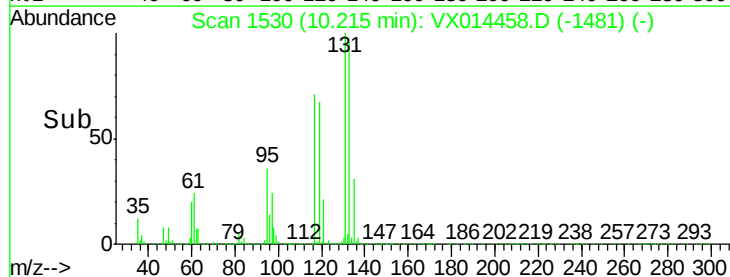
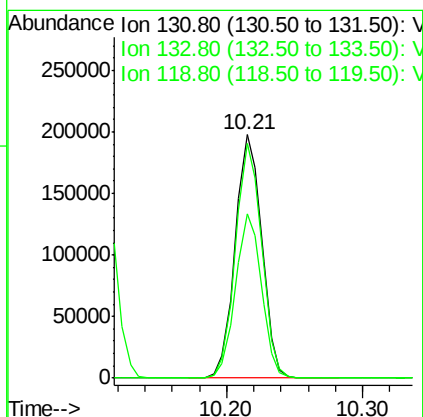
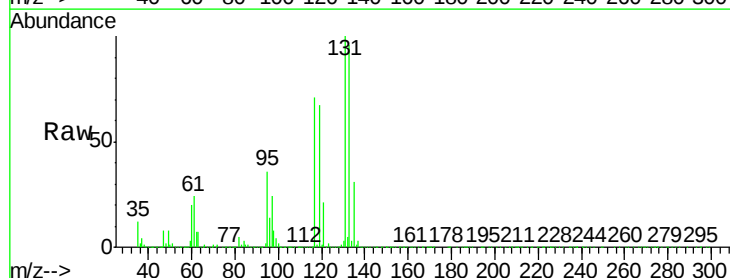
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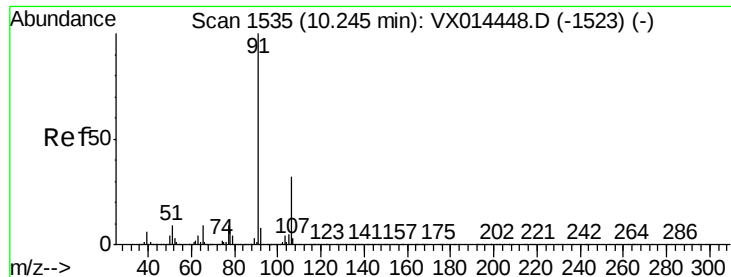
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.544 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion:131 Resp: 269650
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 65.7 32.8 98.4





#67

Ethyl Benzene

Concen: 47.802 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1294860

Ion Ratio Lower Upper

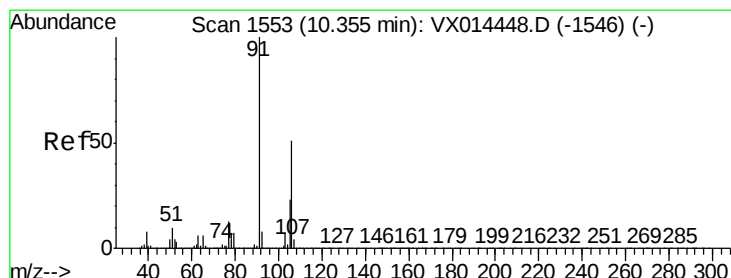
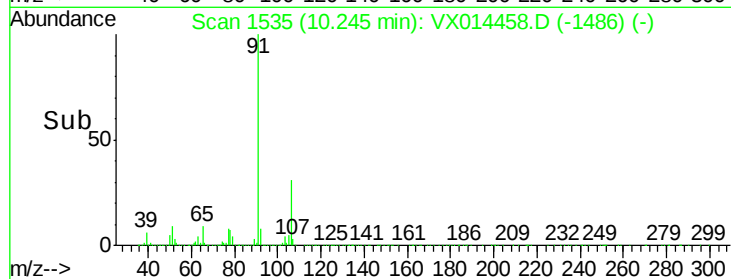
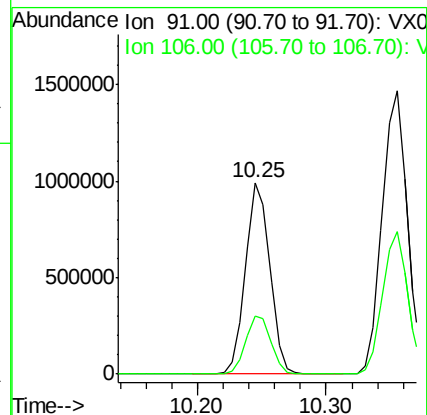
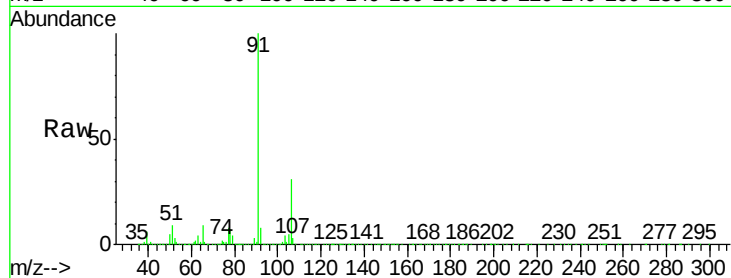
91 100

106 30.5 25.6 38.4

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#68

m/p-Xylenes

Concen: 94.999 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014458.D

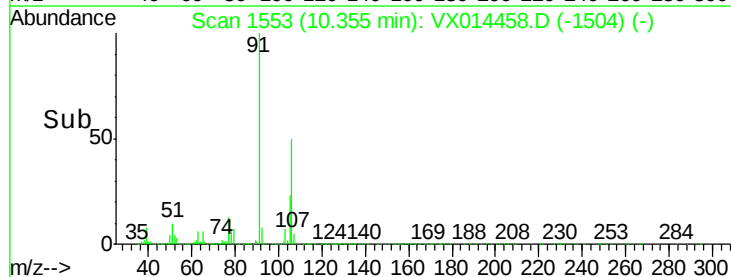
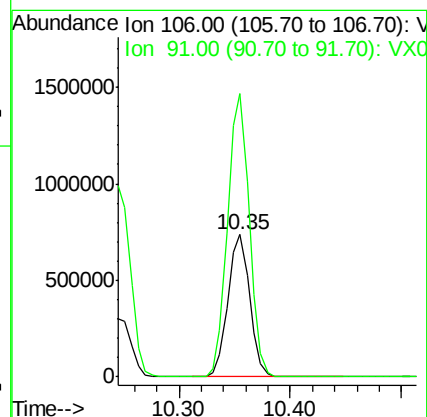
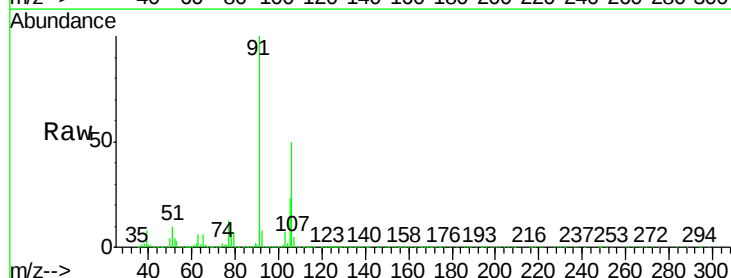
Acq: 07 Jan 2020 20:50

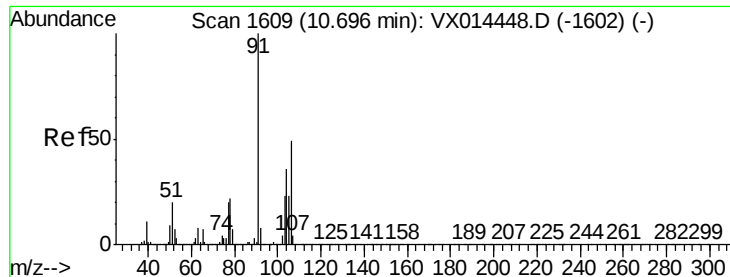
Tgt Ion: 106 Resp: 992788

Ion Ratio Lower Upper

106 100

91 198.9 157.4 236.0





#69
o-Xylene
Concen: 48.055 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

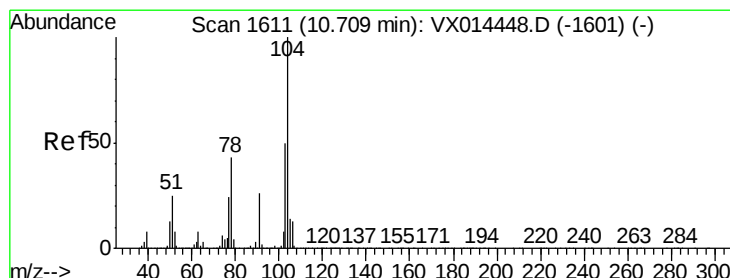
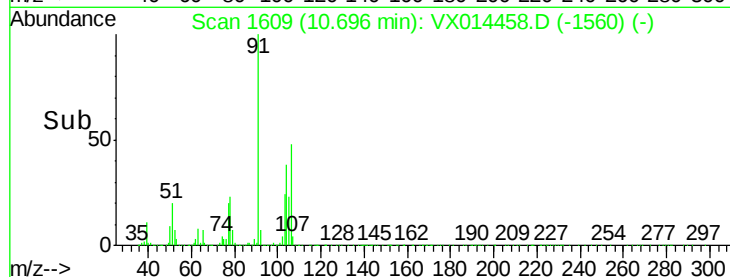
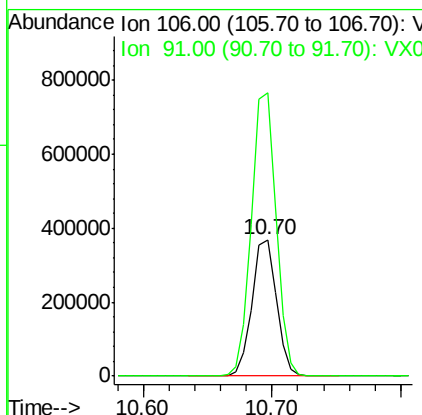
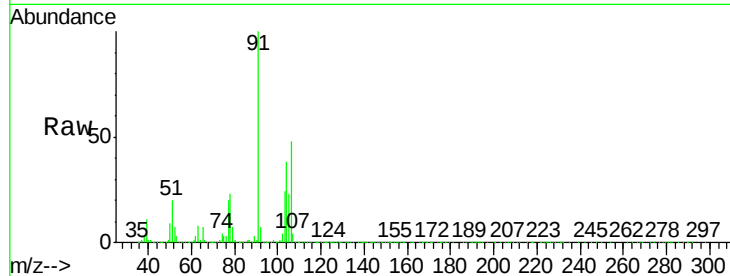
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 479162
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1

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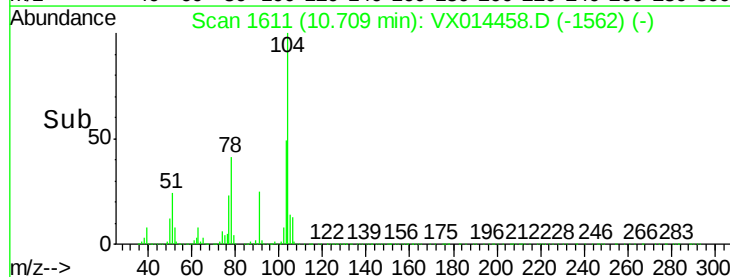
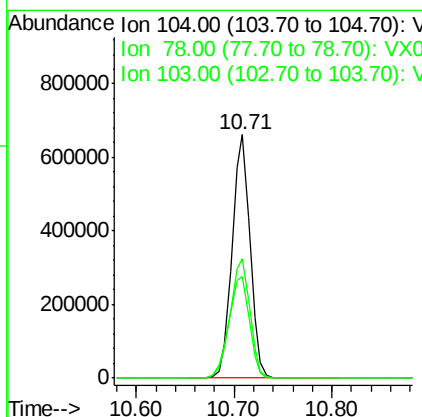
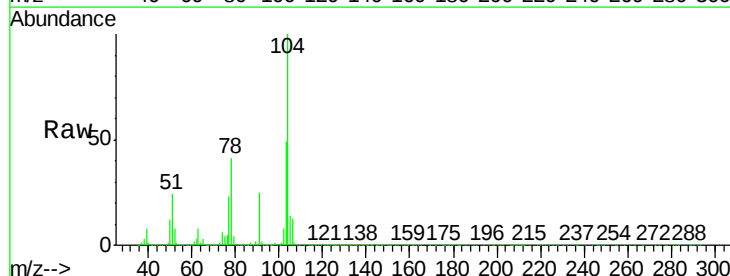
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#70
Styrene
Concen: 48.911 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion:104 Resp: 841643
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 54.2 43.7 65.5





#71
Bromoform
Concen: 49.307 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

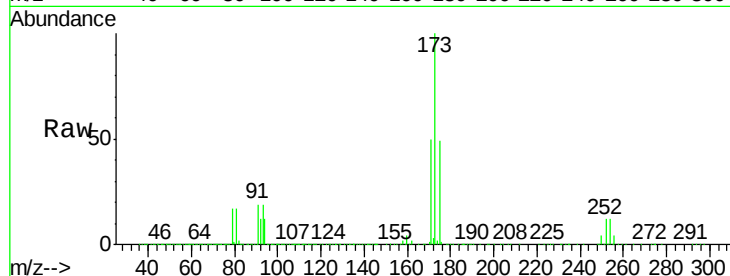
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.3	0.2	0.2#

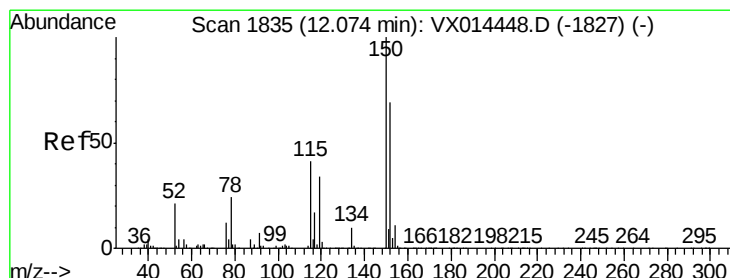
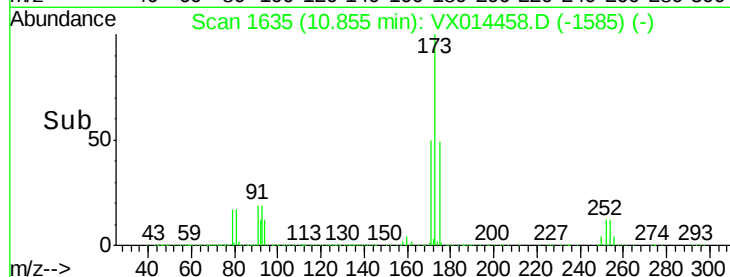
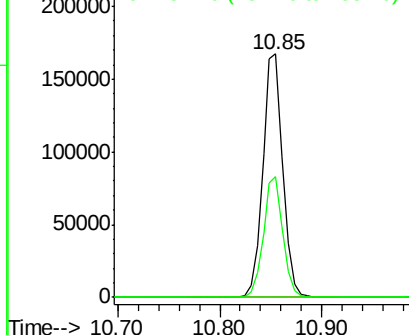
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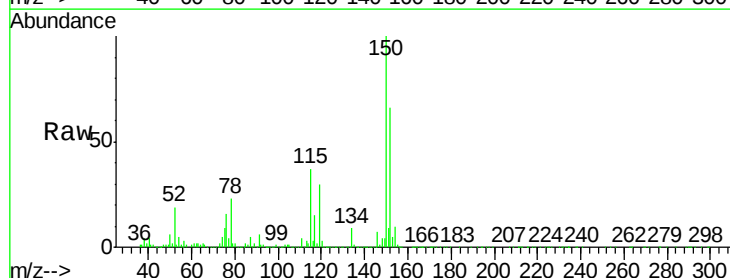


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

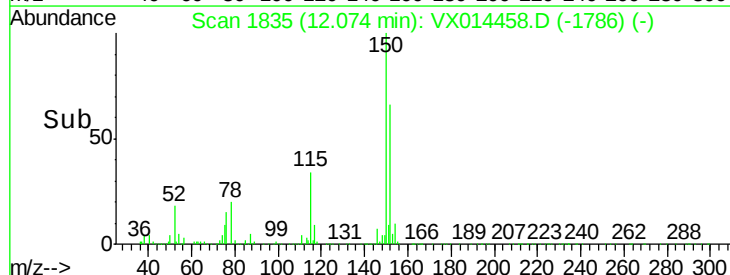
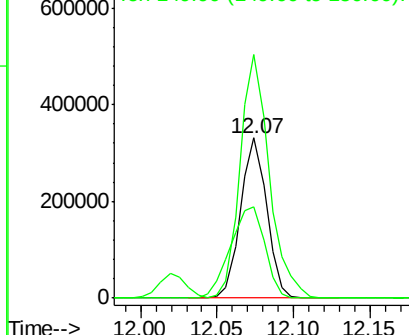


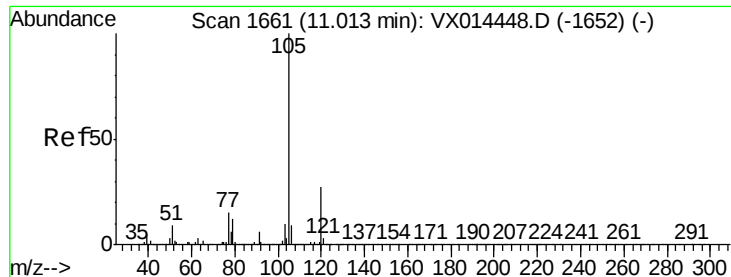
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.1	39.5	118.3
150	170.2	0.0	350.2



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: 46.255 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1271479

Ion Ratio Lower Upper

105 100

120 27.3

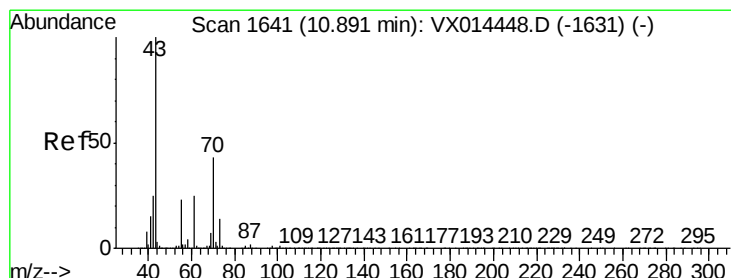
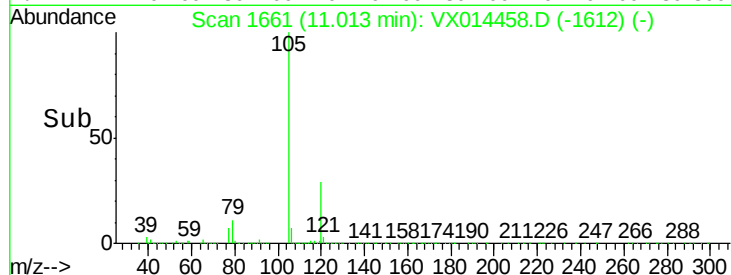
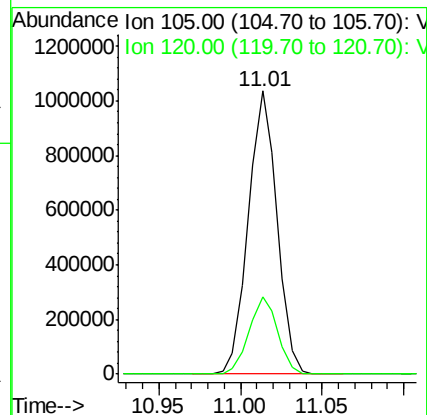
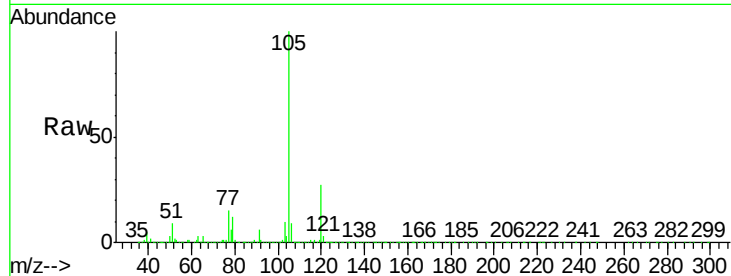
13.4

40.2

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#74

N-ethyl acetate

Concen: 47.045 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion: 43 Resp: 570534

Ion Ratio Lower Upper

43 100

70 44.0

35.1

52.7

55 24.0

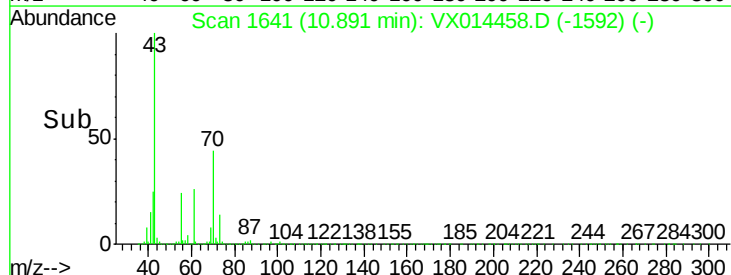
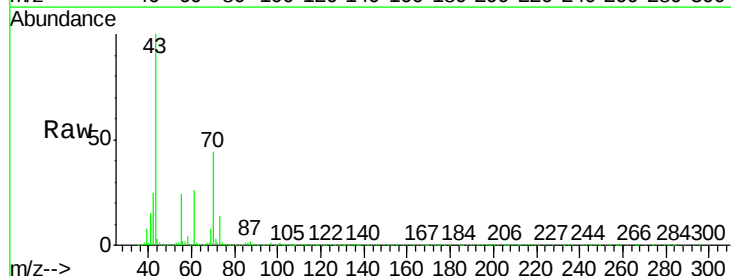
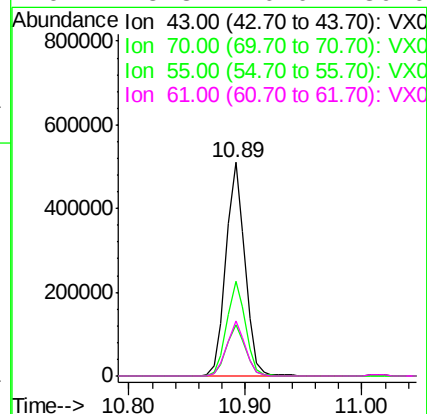
19.3

28.9

61 25.3

20.0

30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.068 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 388475
Ion Ratio Lower Upper

83 100

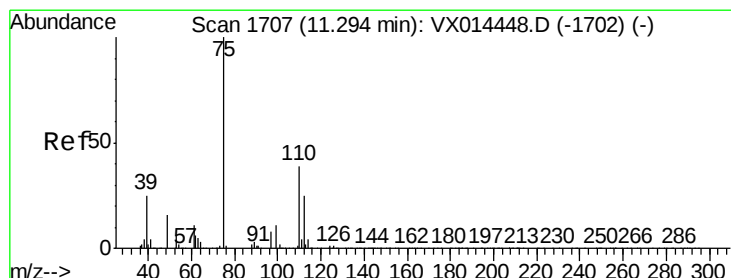
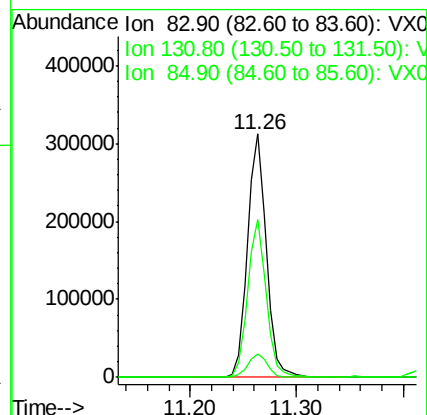
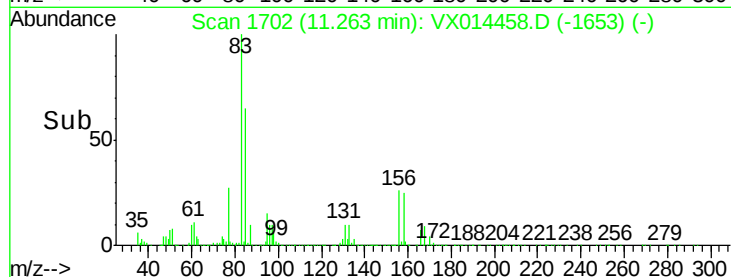
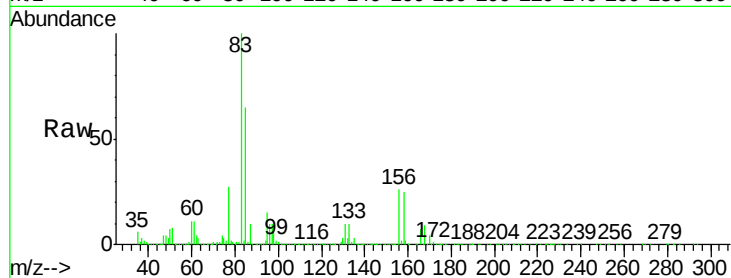
131 10.0 5.1 15.4

85 64.1 32.5 97.4

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#76

1,2,3-Trichloropropane

Concen: 49.662 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

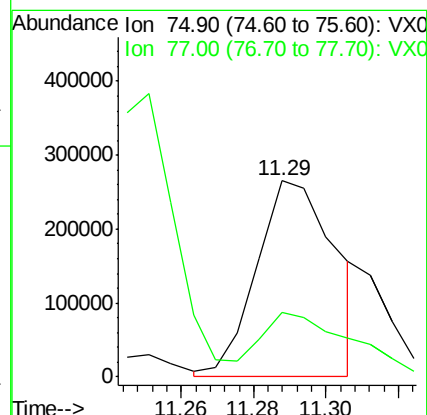
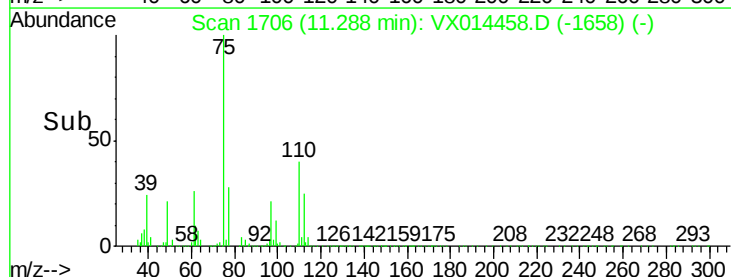
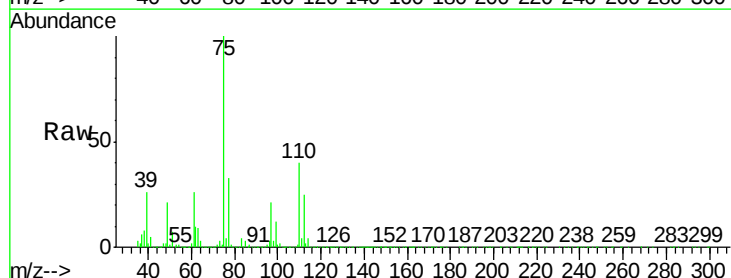
Lab File: VX014458.D

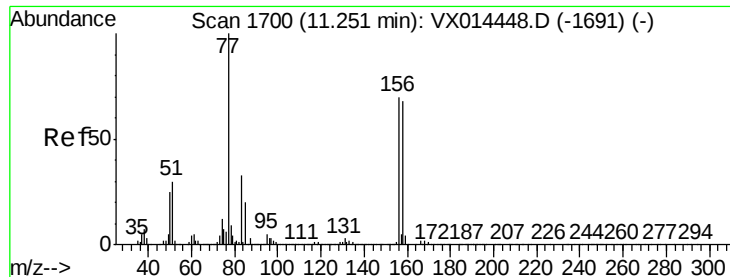
Acq: 07 Jan 2020 20:50

Tgt Ion: 75 Resp: 402224
Ion Ratio Lower Upper

75 100

77 37.4 21.9 65.7





#77
Bromobenzene
Concen: 44.615 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

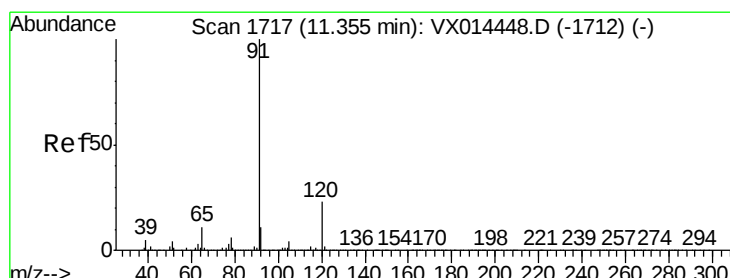
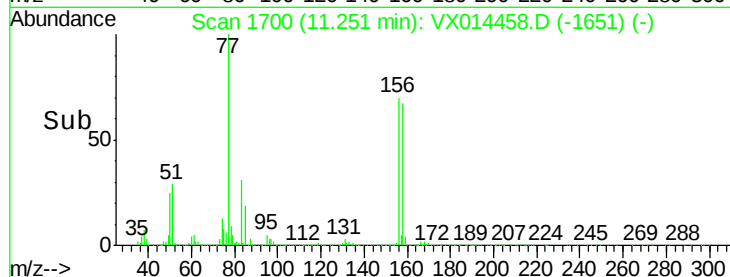
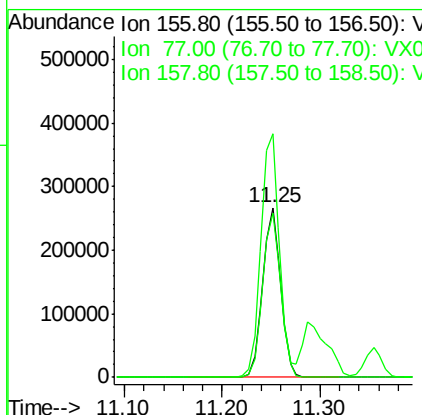
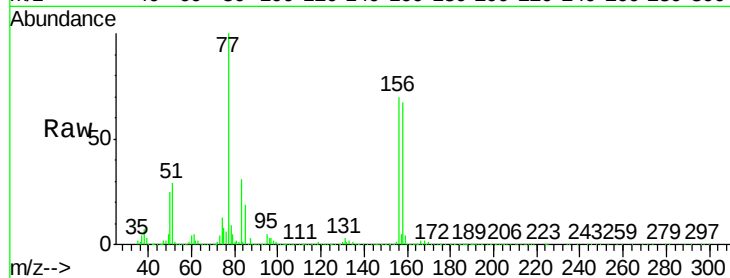
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	148.7	75.4	226.3
158	97.1	48.8	146.3

Manual Integrations
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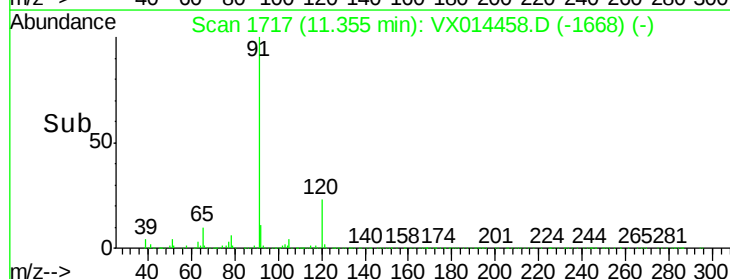
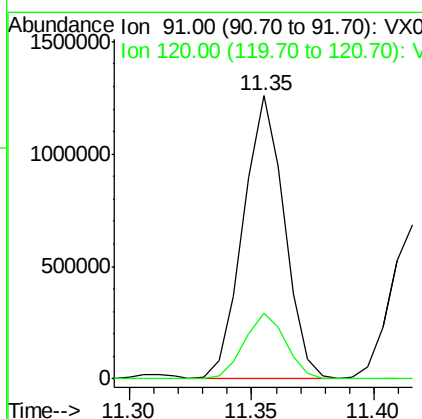
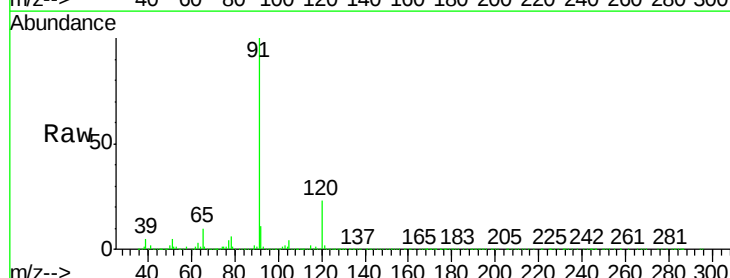
apatel

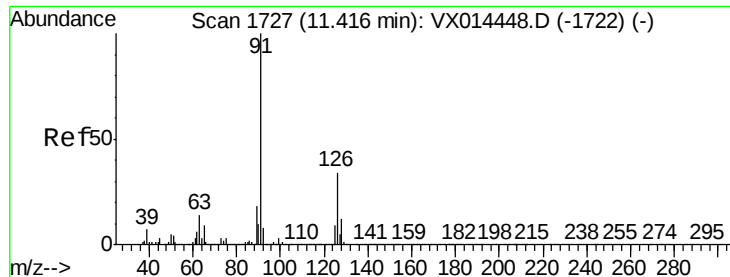
1/8/2020 9:16:22 AM



#78
n-propylbenzene
Concen: 46.537 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5





#79

2-Chlorotoluene

Concen: 45.190 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 847858

Ion Ratio Lower Upper

91 100

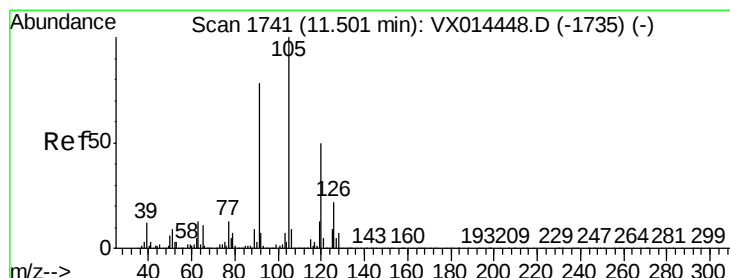
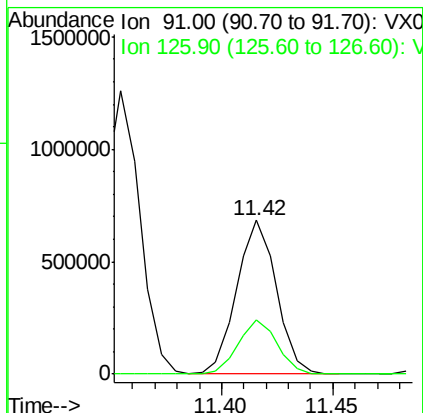
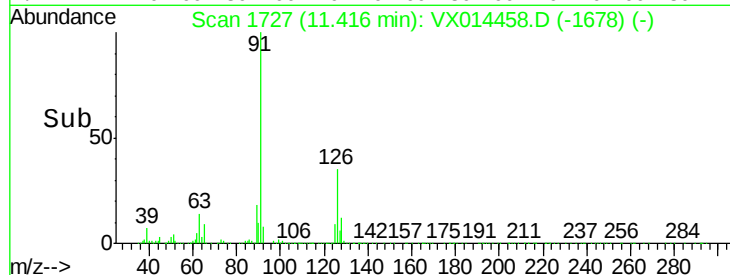
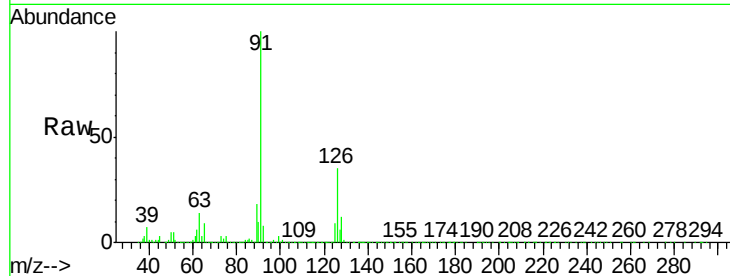
126 35.0 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 46.664 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014458.D

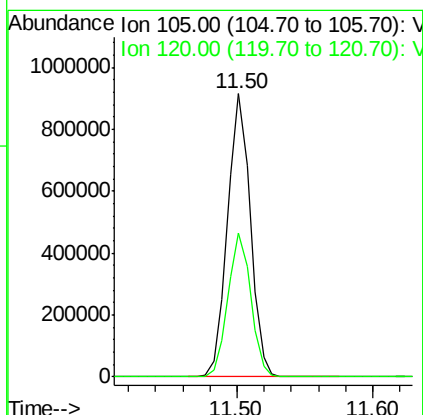
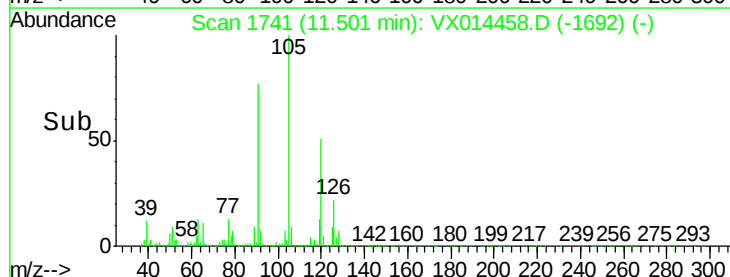
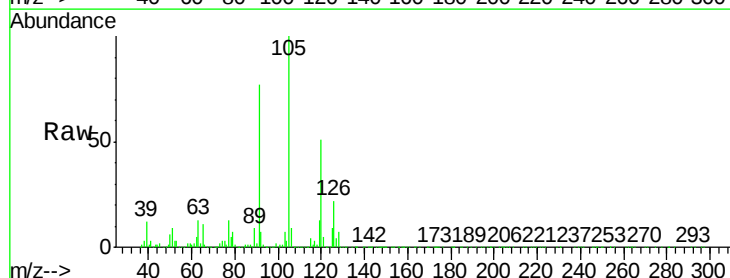
Acq: 07 Jan 2020 20:50

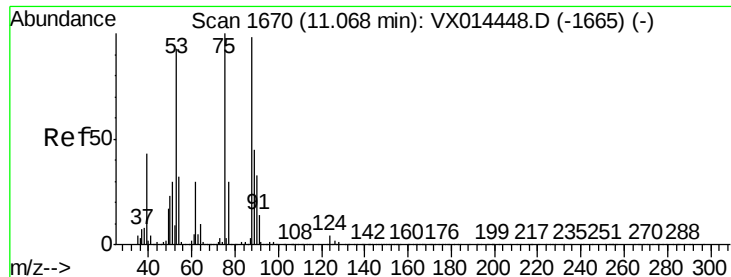
Tgt Ion: 105 Resp: 1064949

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.744 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

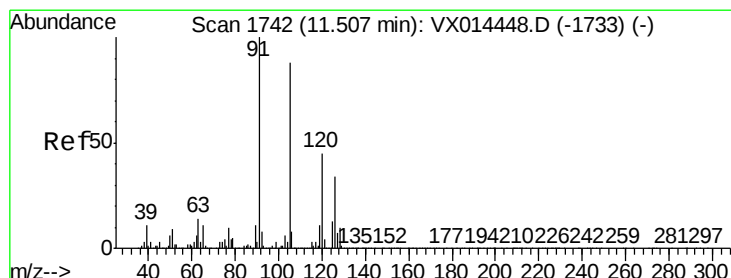
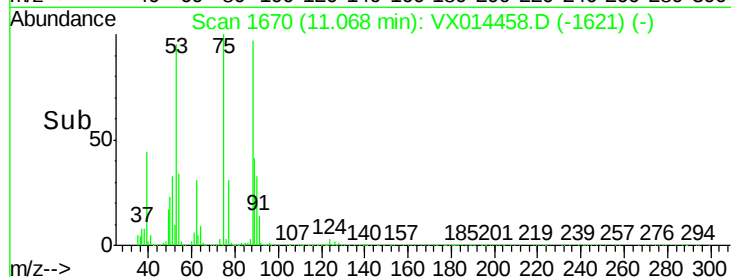
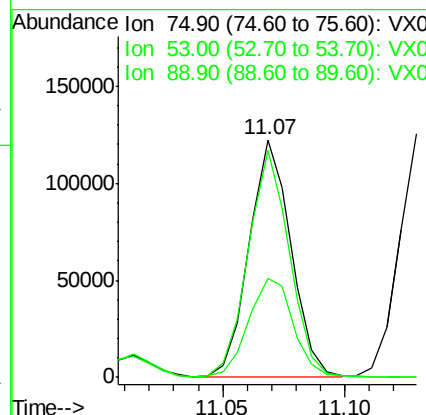
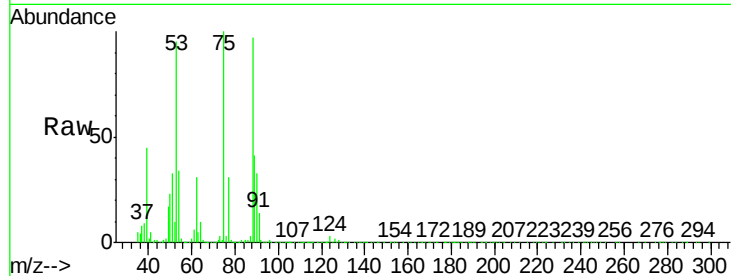
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.4	74.8	112.2
89	44.3	36.3	54.5

Manual Integrations
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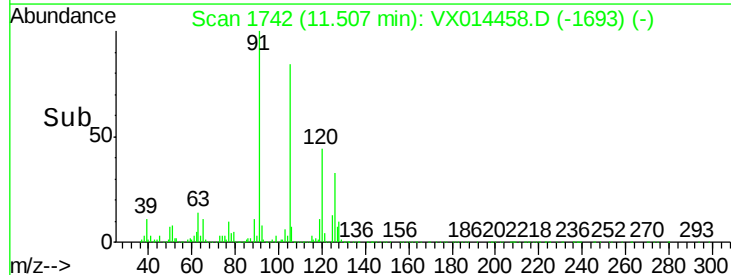
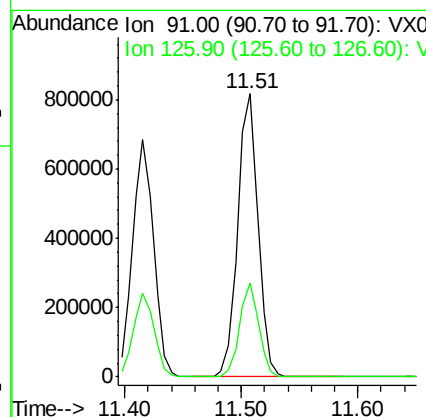
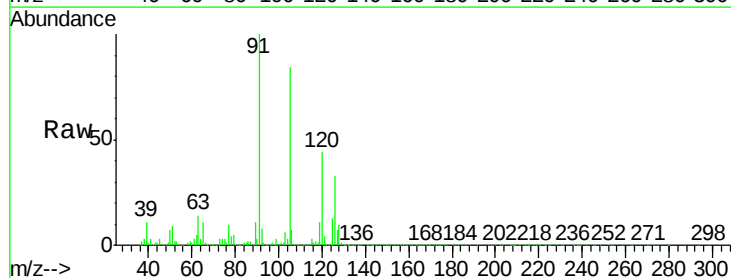
apatel

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#82
4-Chlorotoluene
Concen: 45.223 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.9	47.7





#83
tert-Butylbenzene
Concen: 42.593 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

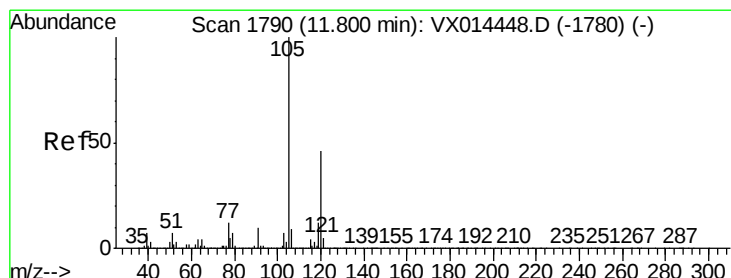
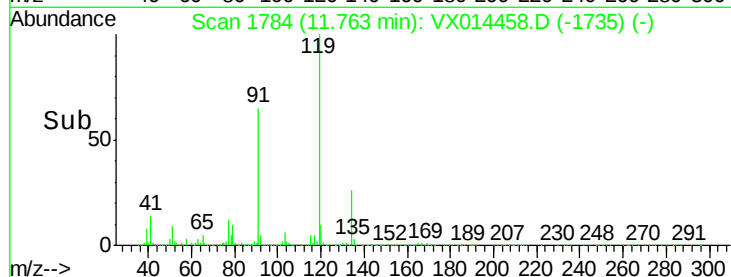
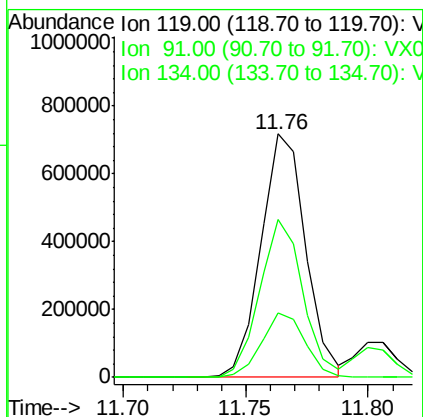
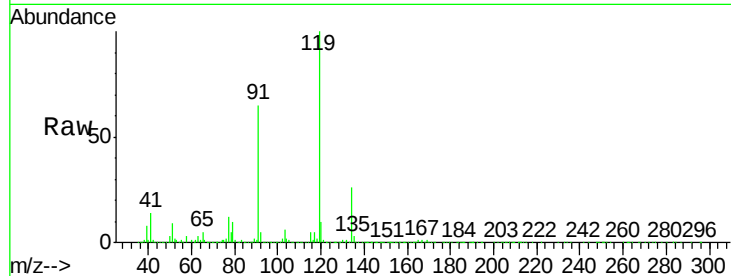
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	918443		
91	62.8	29.3	88.0	
134	25.8	12.4	37.4	

Manual Integrations
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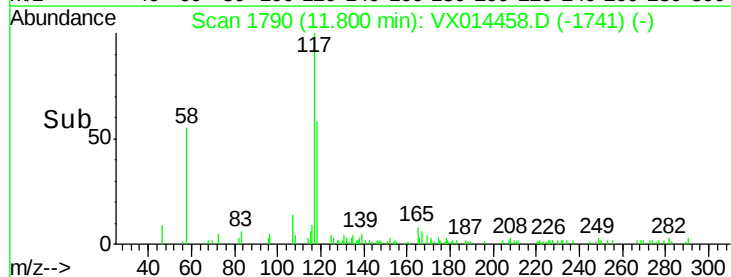
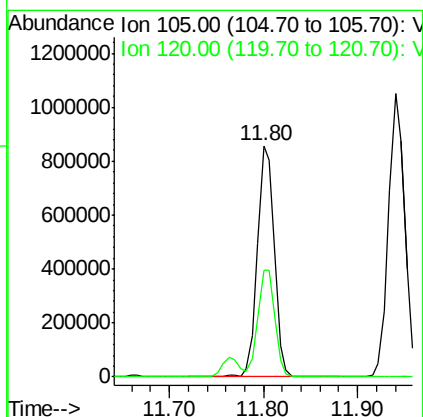
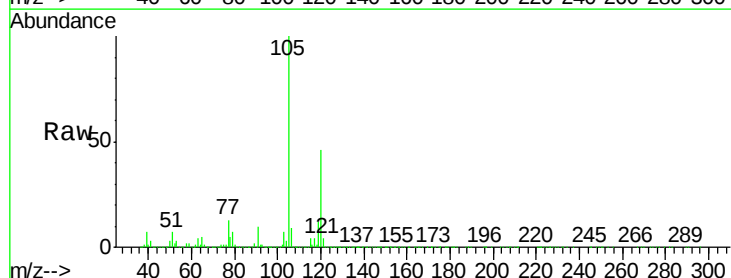
apatel

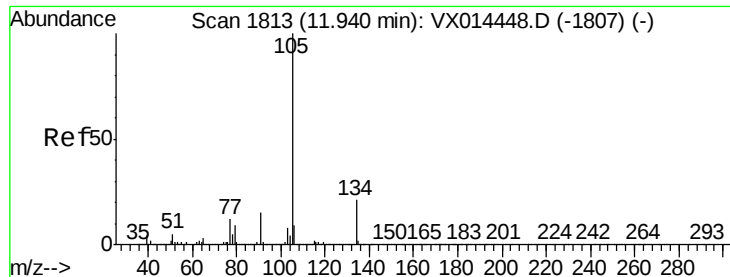
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#84
1,2,4-Trimethylbenzene
Concen: 46.320 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1068160		
120	46.3	23.1	69.3	





#85
 sec-Butylbenzene
 Concen: 46.939 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

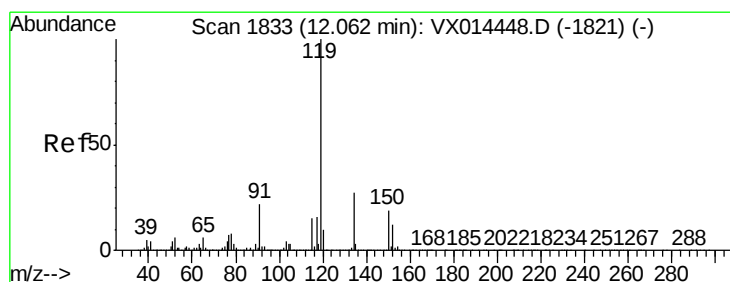
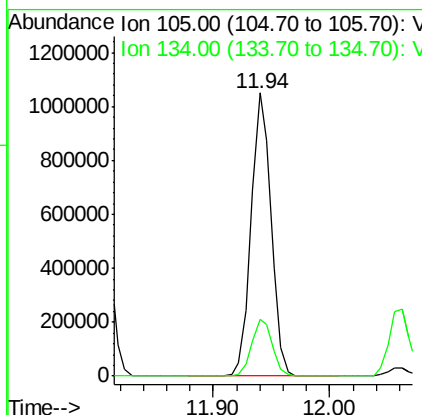
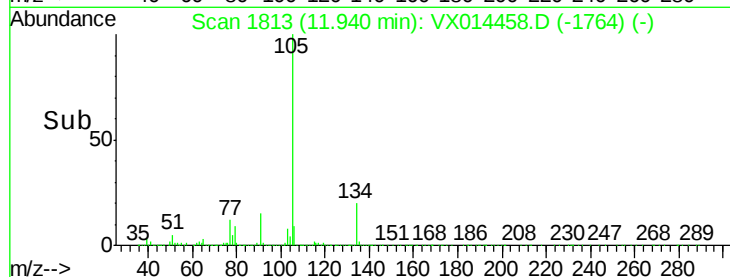
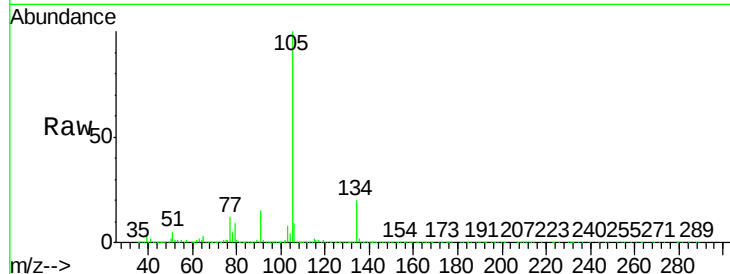
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1258257
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5

Manual Integrations
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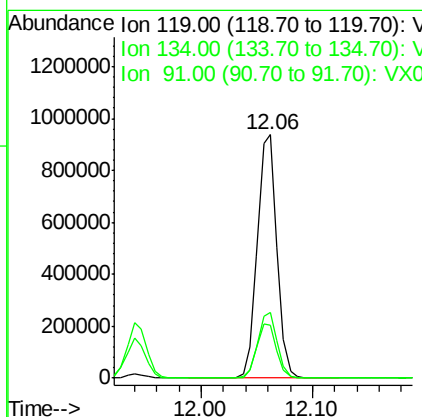
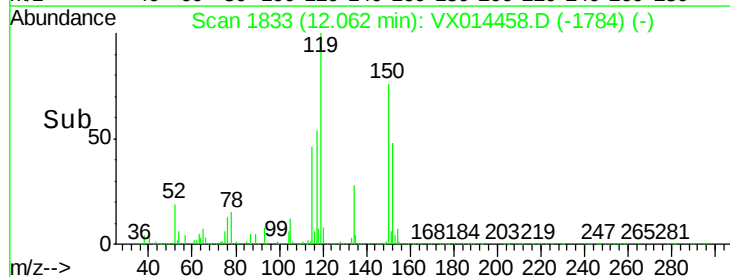
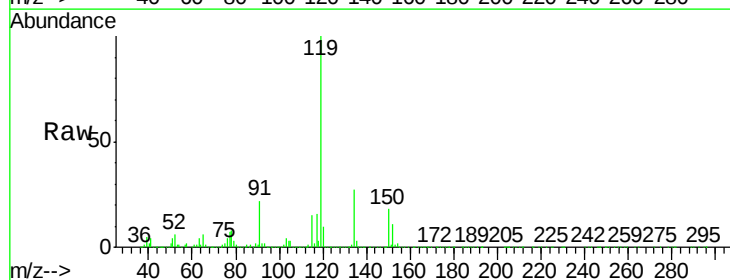
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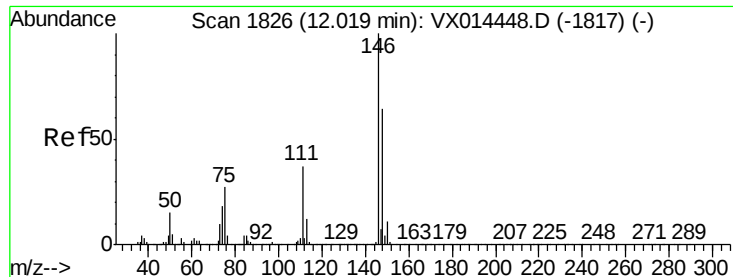
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#86
 p-Isopropyltoluene
 Concen: 46.184 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014458.D
 Acq: 07 Jan 2020 20:50

Tgt Ion:119 Resp: 1148830
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 22.4 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 44.509 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :
MSVOA_X

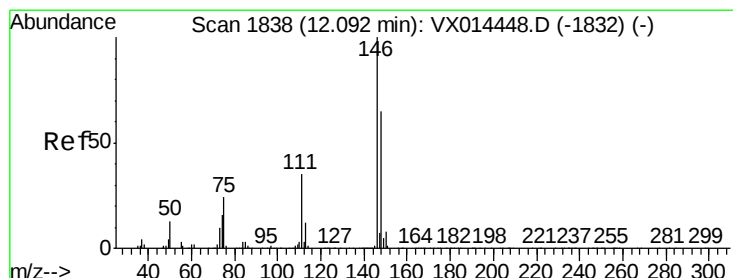
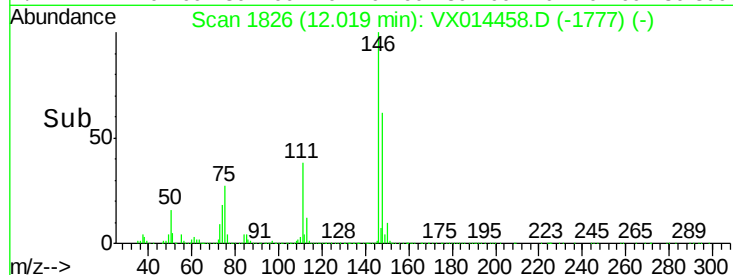
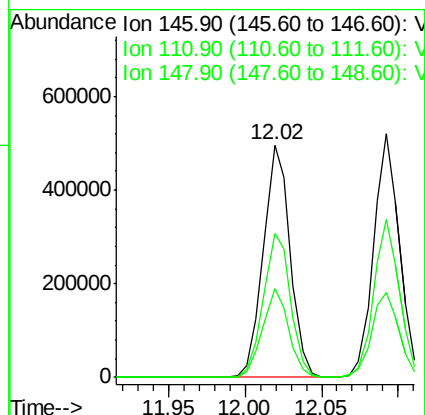
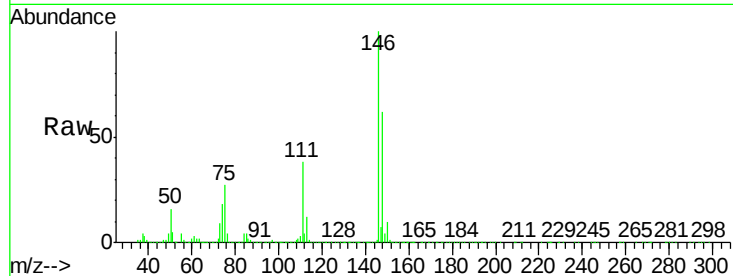
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	63.0	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.164 ug/l

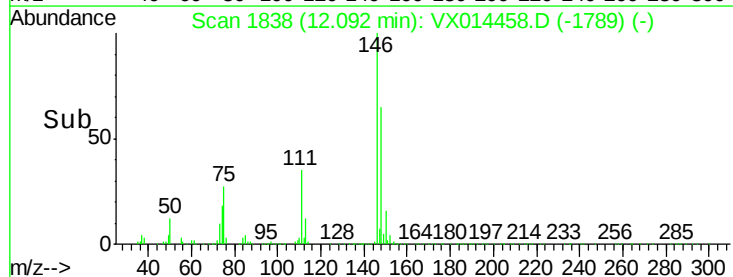
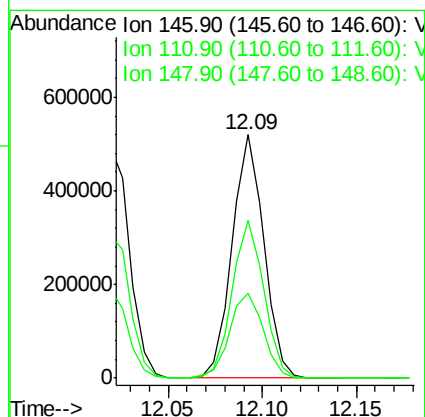
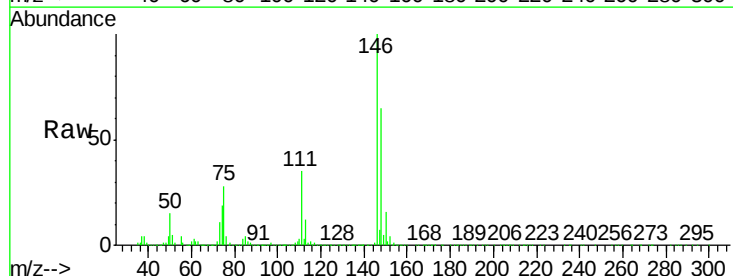
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.7	32.1	96.3





#89
n-Butylbenzene
Concen: 45.184 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

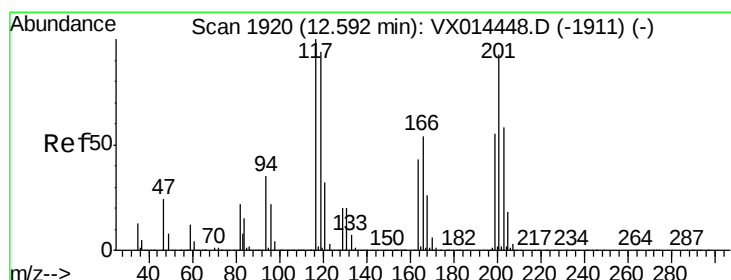
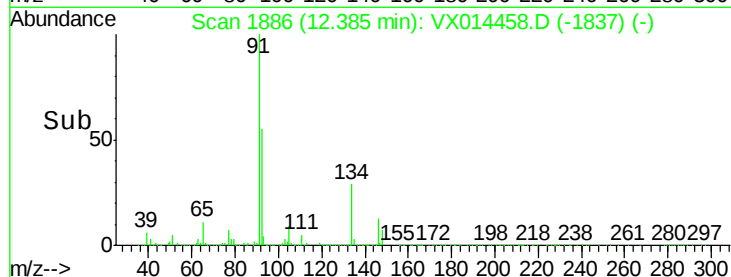
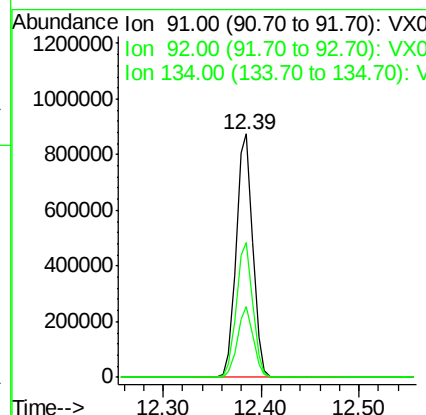
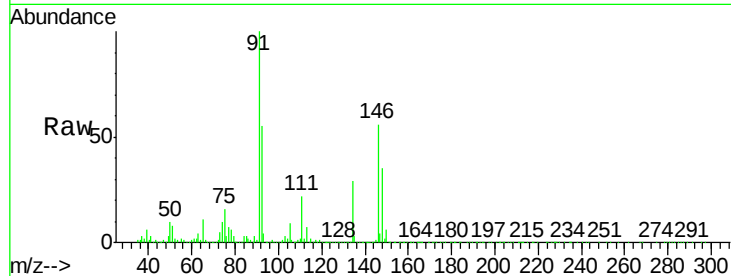
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1027660
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 27.8 13.9 41.7

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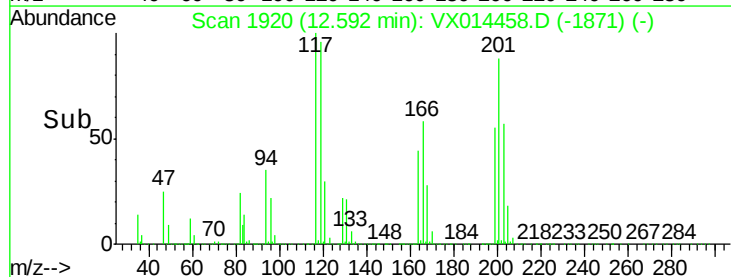
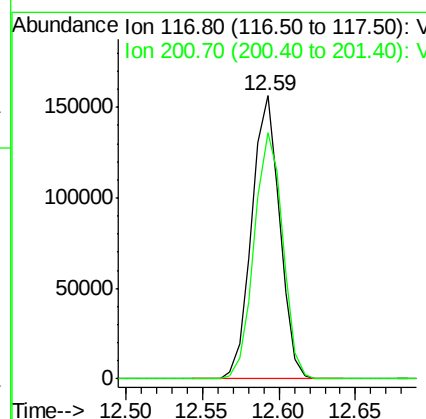
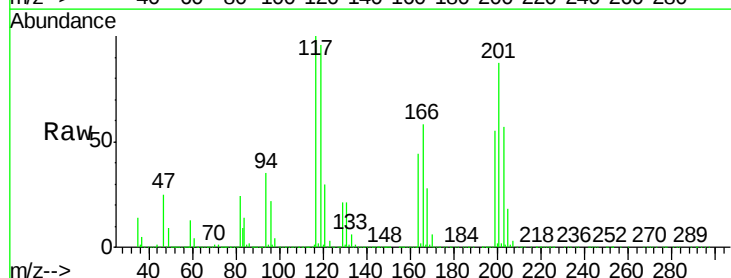
apatel

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#90
Hexachloroethane
Concen: 45.592 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion: 117 Resp: 199211
Ion Ratio Lower Upper
117 100
201 88.9 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 44.468 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

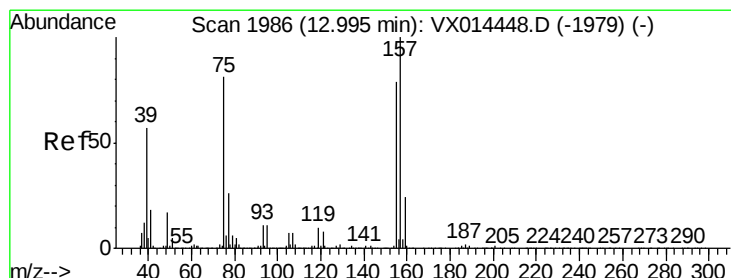
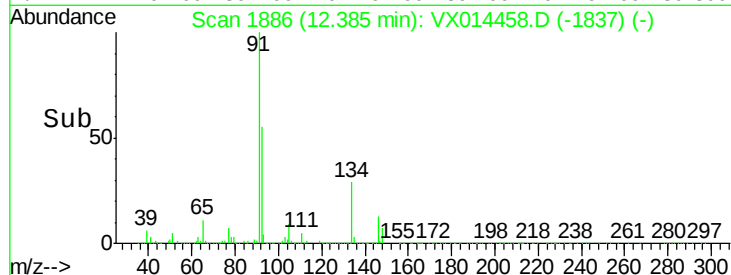
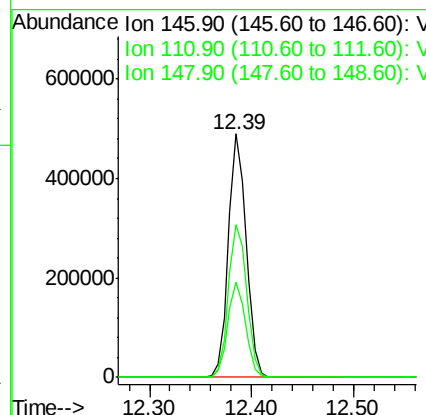
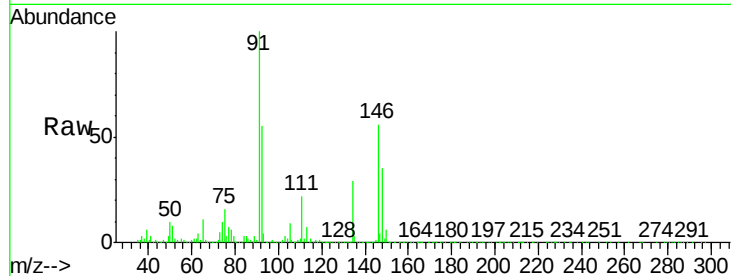
VSTDCCC050EC

Tgt Ion:	146	Resp:	596039
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.8	59.4
148	64.3	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.018 ug/l

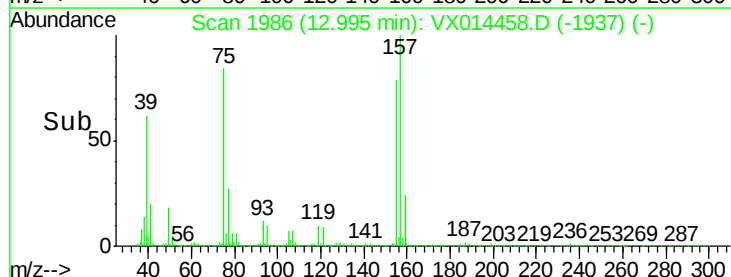
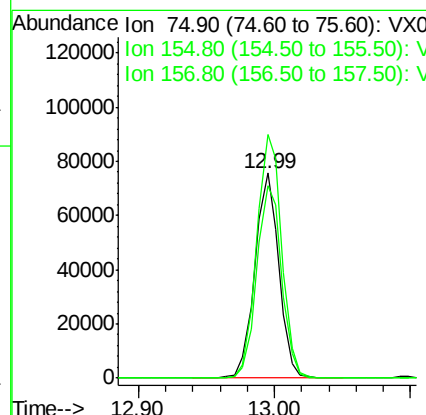
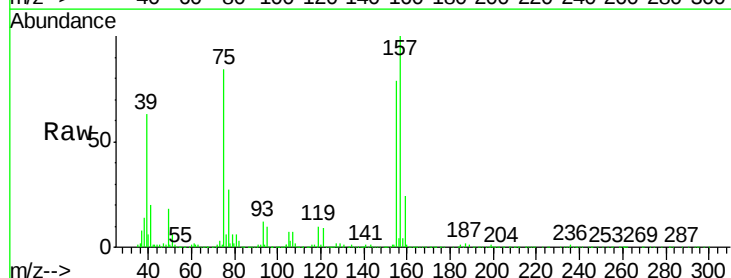
RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:	75	Resp:	93233
Ion Ratio	Lower	Upper	
75	100		
155	97.9	48.7	146.1
157	124.1	62.0	185.9





#93

1,2,4-Trichlorobenzene

Concen: 47.063 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

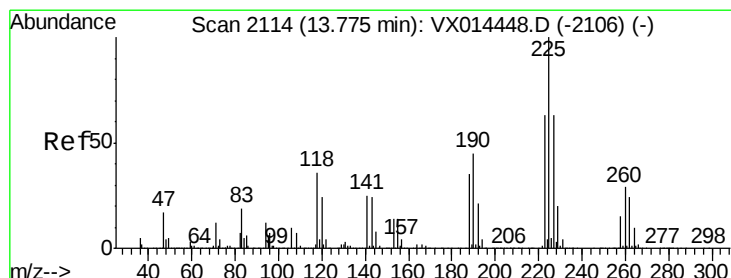
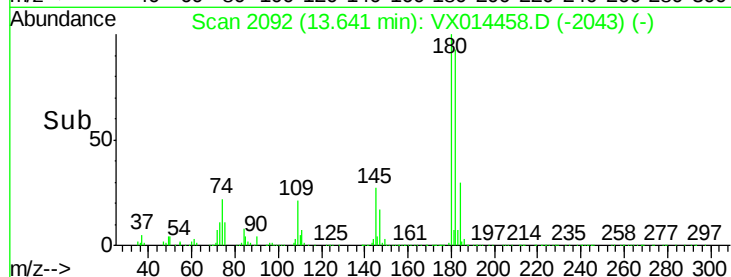
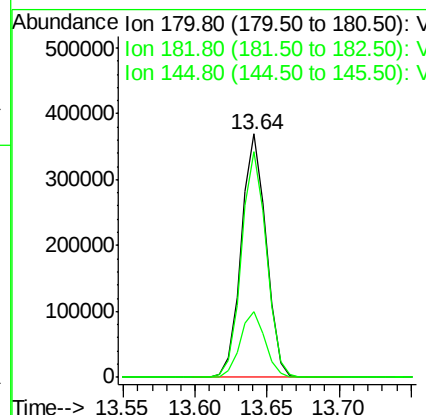
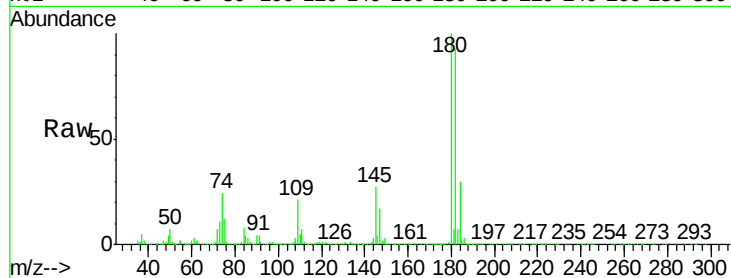
VSTDCCC050EC

Tgt Ion:	180	Resp:	442792
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.5	142.5
145	27.3	13.9	41.6

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 45.070 ug/l

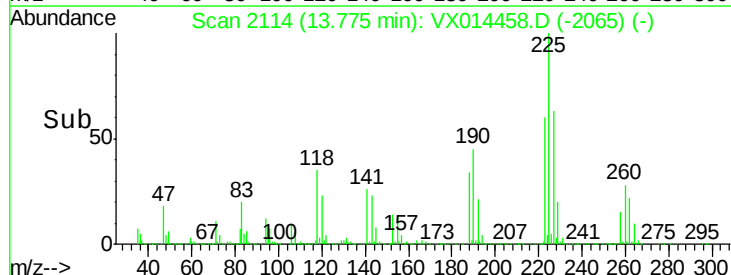
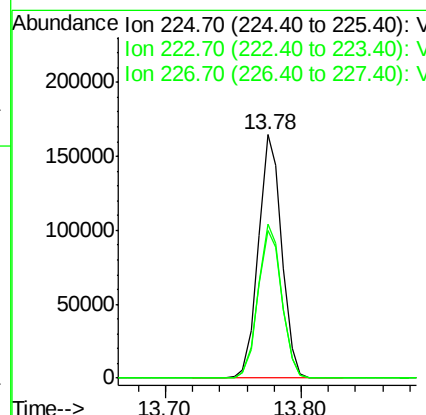
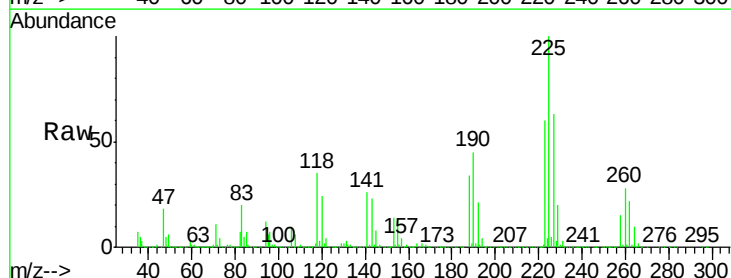
RT: 13.78 min Scan# 2114

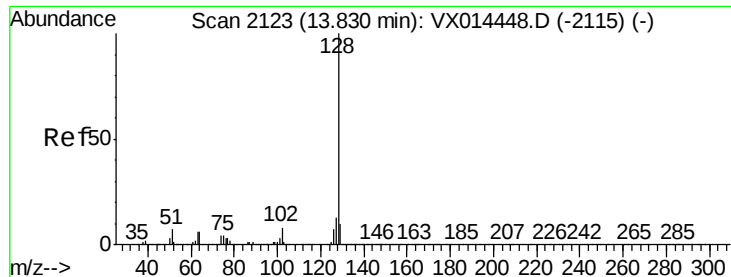
Delta R.T. 0.00 min

Lab File: VX014458.D

Acq: 07 Jan 2020 20:50

Tgt Ion:	225	Resp:	198549
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.1	93.2
227	63.7	31.4	94.2





#95
Naphthalene
Concen: 45.408 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

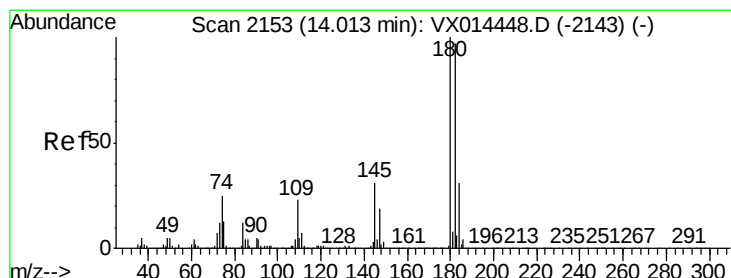
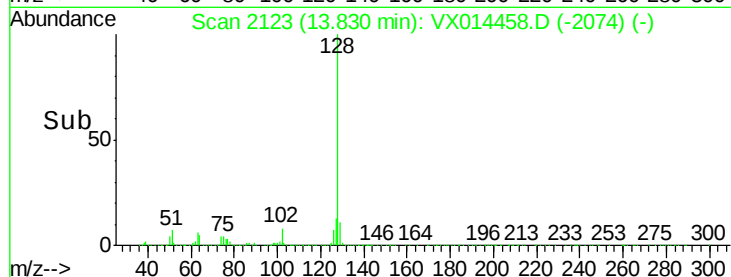
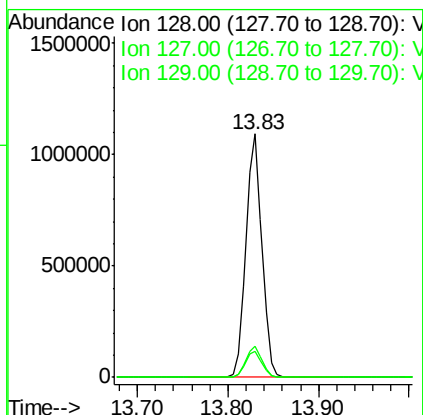
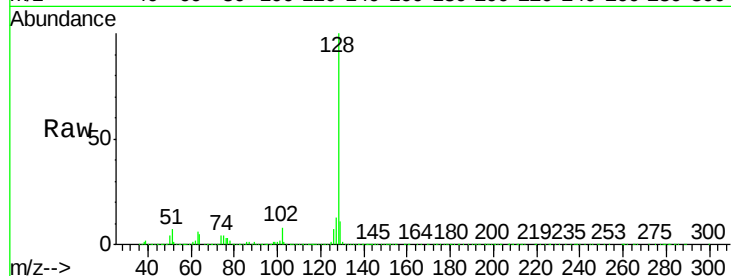
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel

1/8/2020 9:16:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.731 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014458.D
Acq: 07 Jan 2020 20:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.6
145	29.7	14.8	44.3

