

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014766.D
 Acq On : 29 Jan 2020 16:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:44:15 AM

Quant Time: Jan 29 23:42:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	663929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	602634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	254314	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.48	113	211239	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	808768	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	292562	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	289691	48.356	ug/l	98
3) Chloromethane	1.32	50	283260	46.896	ug/l	100
4) Vinyl Chloride	1.40	62	326754	50.032	ug/l	99
5) Bromomethane	1.63	94	206437	46.537	ug/l	98
6) Chloroethane	1.72	64	182836	48.902	ug/l	99
7) Trichlorofluoromethane	1.92	101	369195	48.550	ug/l	99
8) Diethyl Ether	2.18	74	157259	47.379	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223841	50.142	ug/l	99
10) Methyl Iodide	2.50	142	300970	51.381	ug/l	99
11) Tert butyl alcohol	3.03	59	228278	195.013	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212661	47.913	ug/l	98
13) Acrolein	2.28	56	262443	284.346	ug/l	99
14) Allyl chloride	2.72	41	388015	48.636	ug/l	98
15) Acrylonitrile	3.12	53	629548	232.439	ug/l	99
16) Acetone	2.43	43	633944	221.865	ug/l	99
17) Carbon Disulfide	2.56	76	547925	45.168	ug/l	99
18) Methyl Acetate	2.76	43	382875	46.940	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	721155	49.606	ug/l	99
20) Methylene Chloride	2.84	84	245330	46.397	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	230449	47.155	ug/l	99
22) Diisopropyl ether	3.84	45	800372	50.426	ug/l	99
23) Vinyl Acetate	3.80	43	3106236	256.727	ug/l	99
24) 1,1-Dichloroethane	3.68	63	423594	49.142	ug/l	99
25) 2-Butanone	4.65	43	903639	220.713	ug/l	98
26) 2,2-Dichloropropane	4.57	77	350408	50.787	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	270735	49.499	ug/l	98
28) Bromochloromethane	5.00	49	163135	43.068	ug/l	99
29) Tetrahydrofuran	5.11	42	555772	228.716	ug/l	99
30) Chloroform	5.19	83	417678	48.914	ug/l	96
31) Cyclohexane	5.57	56	393818	48.575	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	357236	49.494	ug/l	98
36) 1,1-Dichloropropene	5.78	75	323094	52.372	ug/l	100
37) Ethyl Acetate	4.81	43	344402	48.742	ug/l	99
38) Carbon Tetrachloride	5.77	117	303700	51.546	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	404200	52.299	ug/l	97
40) Benzene	6.13	78	963539	50.549	ug/l	96
41) Methacrylonitrile	5.02	41	195964	48.606	ug/l	99
42) 1,2-Dichloroethane	6.18	62	337907	51.335	ug/l	99
43) Isopropyl Acetate	6.43	43	568673	49.148	ug/l	99
44) Trichloroethene	7.20	130	267377	49.659	ug/l	92
45) 1,2-Dichloropropane	7.50	63	249720	50.852	ug/l	99
46) Dibromomethane	7.65	93	162824	51.195	ug/l	100
47) Bromodichloromethane	7.89	83	324276	51.985	ug/l	98
48) Methyl methacrylate	7.76	41	281675	50.951	ug/l	98
49) 1,4-Dioxane	7.73	88	98998	844.775	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1758179	240.754	ug/l	100
52) Toluene	8.78	92	611286	52.170	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	363366	54.099	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	402261	54.440	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	250949	52.310	ug/l	98
56) Ethyl methacrylate	9.17	69	385074	47.442	ug/l	99
57) 1,3-Dichloropropane	9.36	76	417266	50.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	656322	272.038	ug/l	100
59) 2-Hexanone	9.48	43	1342031	236.821	ug/l	99
60) Dibromochloromethane	9.57	129	261917	52.306	ug/l	99
61) 1,2-Dibromoethane	9.67	107	257774	50.821	ug/l	99
64) Tetrachloroethene	9.33	164	280769	47.067	ug/l	97
65) Chlorobenzene	10.13	112	655627	50.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	240623	50.630	ug/l	99
67) Ethyl Benzene	10.25	91	1177729	53.510	ug/l	100
68) m/p-Xylenes	10.35	106	900656	108.015	ug/l	100
69) o-Xylene	10.69	106	432220	53.694	ug/l	99
70) Styrene	10.70	104	748101	55.402	ug/l	100
71) Bromoform	10.85	173	199521	52.791	ug/l #	99
73) Isopropylbenzene	11.01	105	1168837	52.191	ug/l	100
74) N-amyl acetate	10.89	43	501748	51.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	372073	46.532	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	314160m	42.395	ug/l	
77) Bromobenzene	11.25	156	299506	49.782	ug/l	98
78) n-propylbenzene	11.35	91	1342518	52.812	ug/l	100
79) 2-Chlorotoluene	11.42	91	777664	50.560	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	982008	52.832	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	128503	49.350	ug/l	98
82) 4-Chlorotoluene	11.51	91	907957	51.852	ug/l	100
83) tert-Butylbenzene	11.76	119	917375	52.524	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	986385	52.907	ug/l	100
85) sec-Butylbenzene	11.94	105	1150062	53.749	ug/l	100
86) p-Isopropyltoluene	12.06	119	1056889	53.449	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	542543	50.177	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	540794	49.931	ug/l	100
89) n-Butylbenzene	12.39	91	943593	54.790	ug/l	99
90) Hexachloroethane	12.59	117	183216	49.883	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	539239	50.213	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76130	44.314	ug/l	96

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

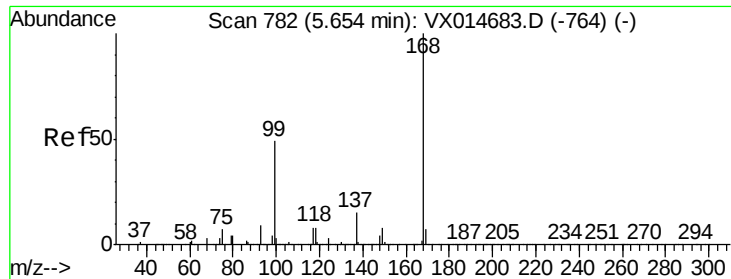
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	373080	53.885	ug/l	100
94) Hexachlorobutadiene	13.78	225	190619	53.492	ug/l	99
95) Naphthalene	13.83	128	1069038	47.921	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372066	53.146	ug/l	97

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



#1

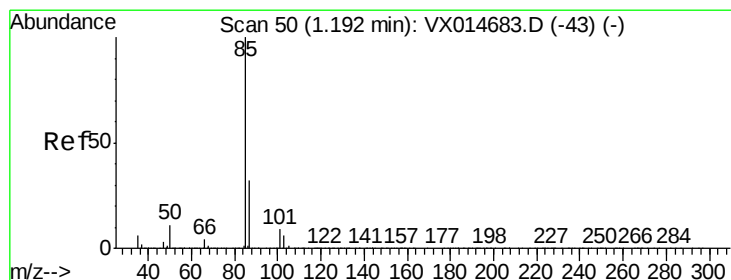
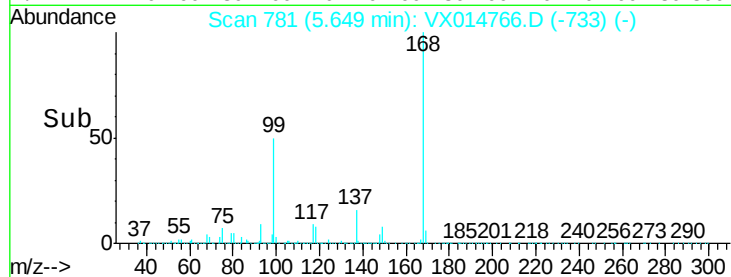
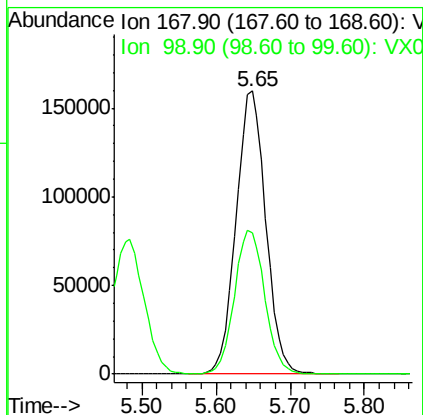
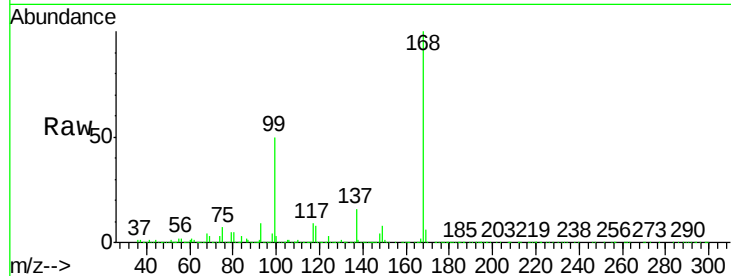
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.8	59.6

Manual Integrations
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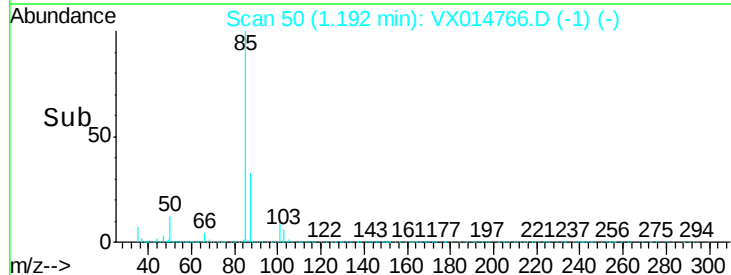
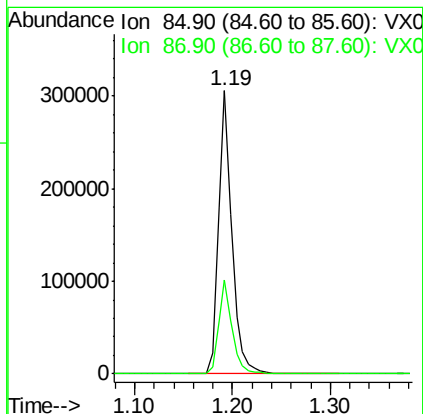
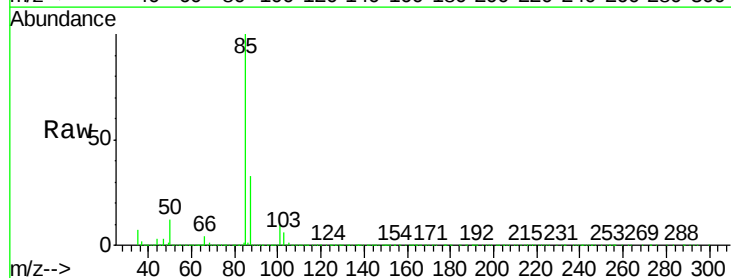
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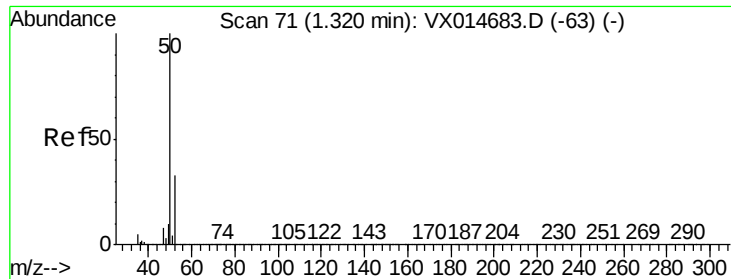


#2

Dichlorodifluoromethane
 Concen: 48.356 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.2	48.5





#3

Chloromethane

Concen: 46.896 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tot Ion: 50 Resp: 283260

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2

Instrument :

MSVOA_X

ClientSampleId :

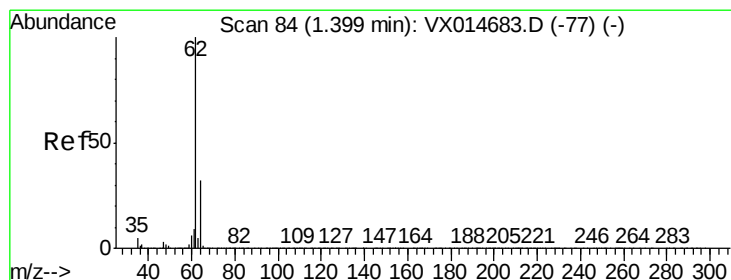
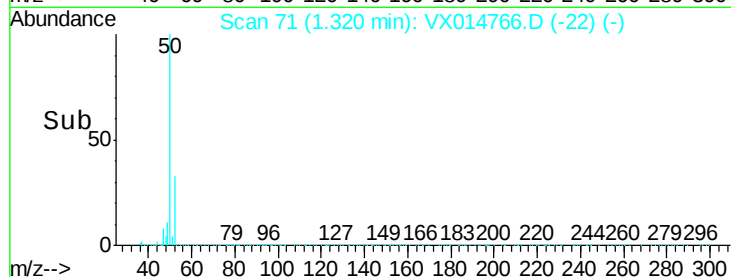
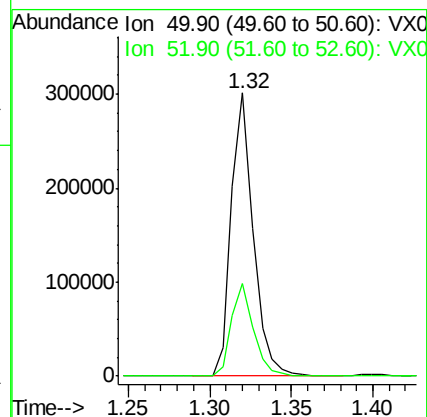
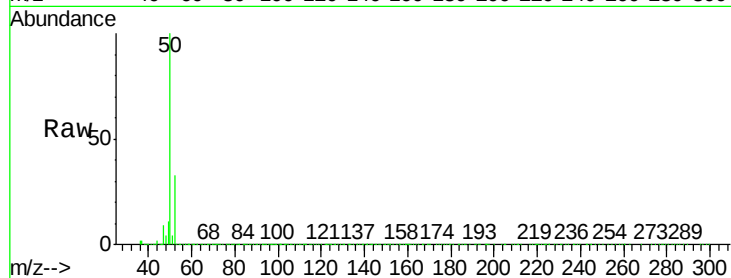
VSTDCCC050EC

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.032 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014766.D

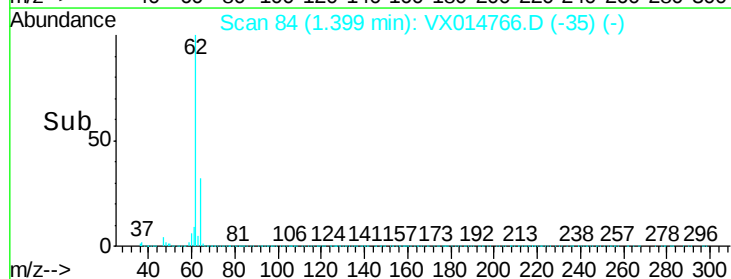
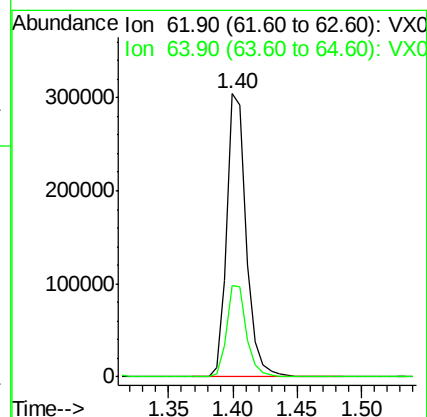
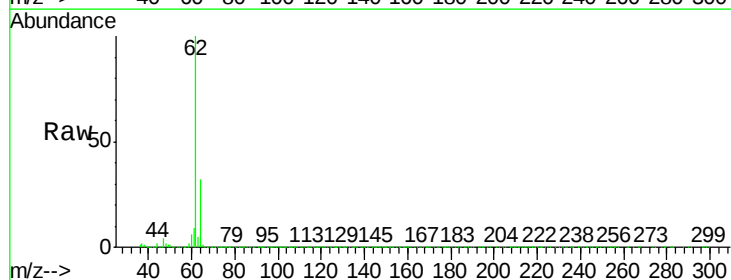
Acq: 29 Jan 2020 16:40

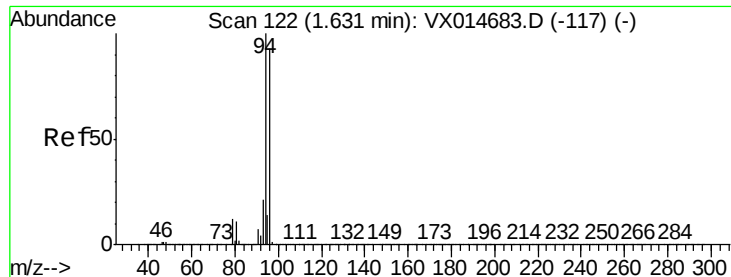
Tgt Ion: 62 Resp: 326754

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 46.537 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 206437

Ion Ratio Lower Upper

94 100

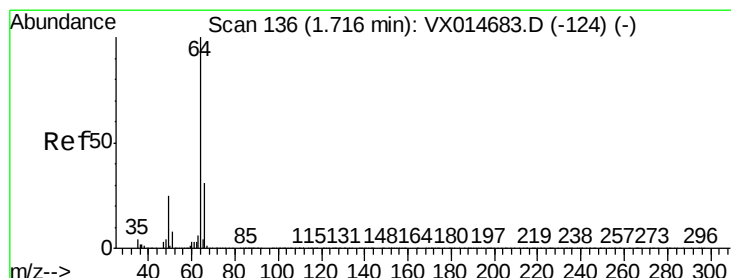
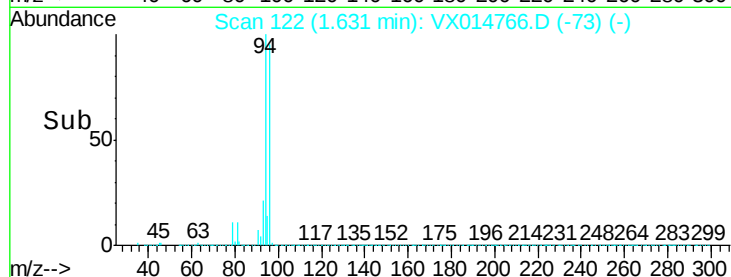
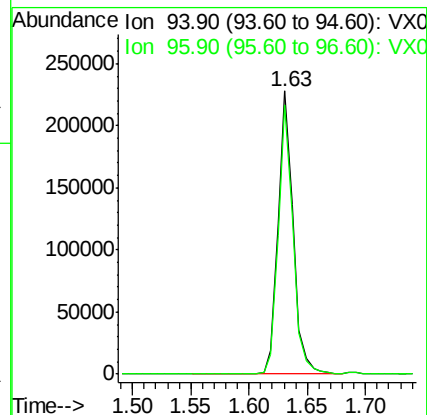
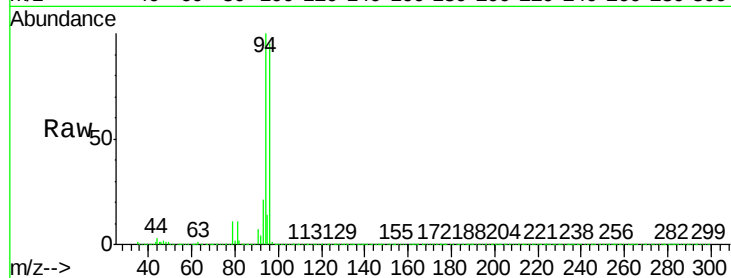
96 95.0 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 48.902 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014766.D

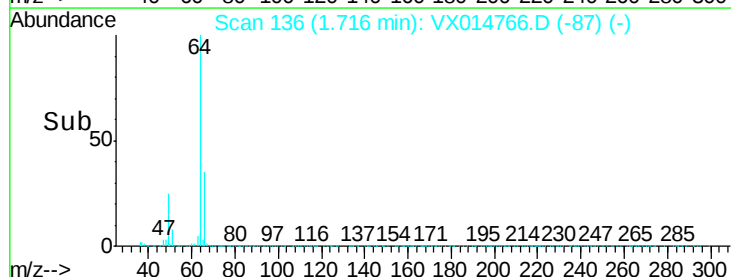
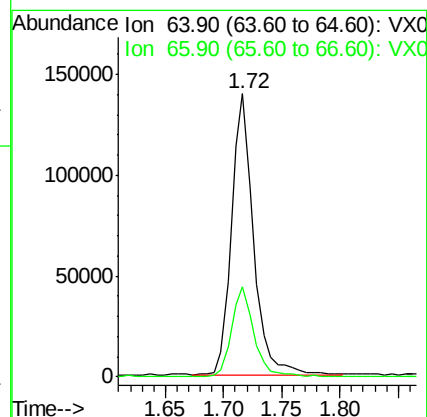
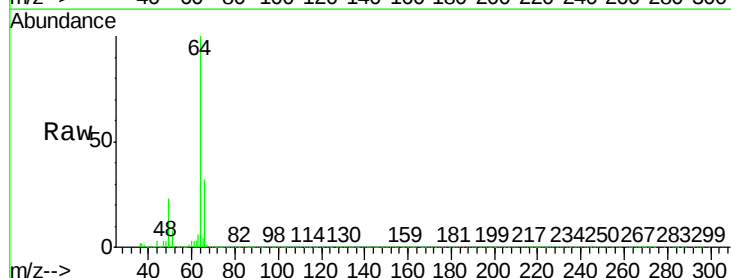
Acq: 29 Jan 2020 16:40

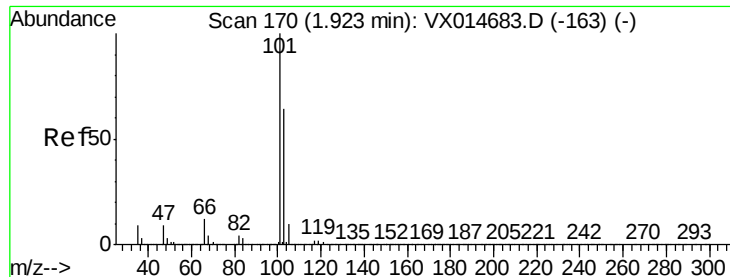
Tgt Ion: 64 Resp: 182836

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8





#7

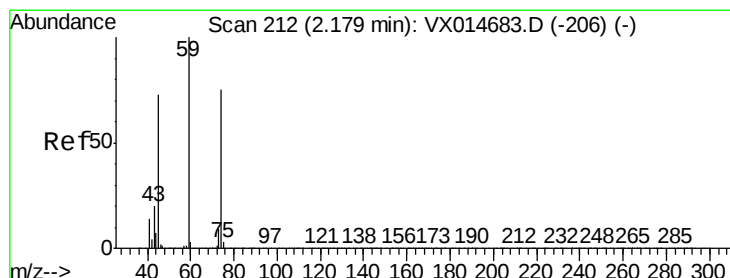
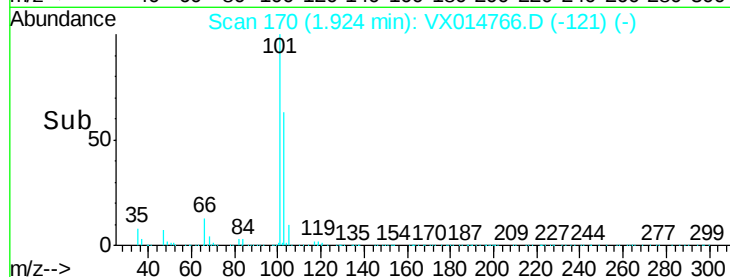
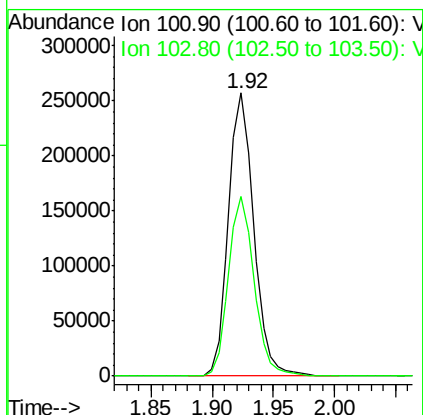
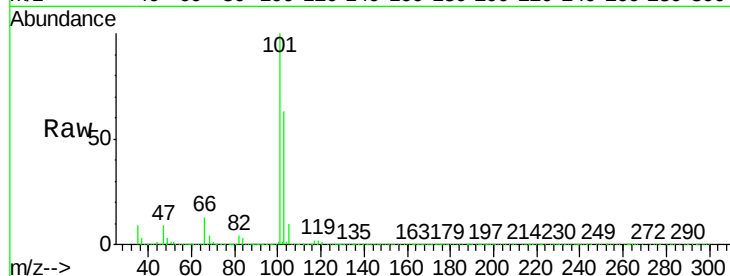
Trichlorofluoromethane
Concen: 48.550 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.0	76.6

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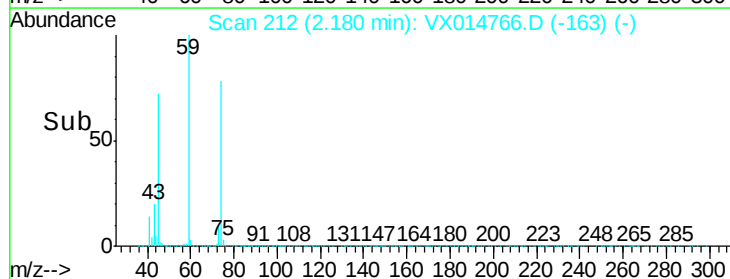
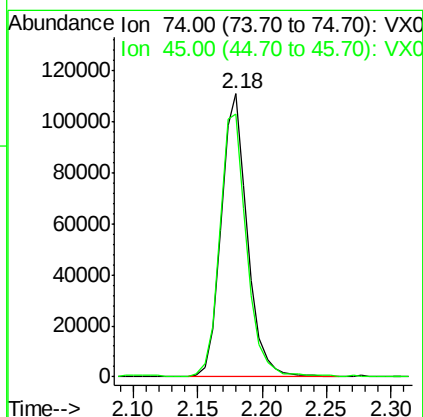
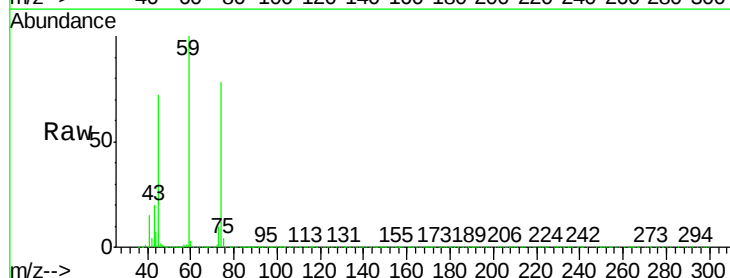
MMDadoda
1/30/2020 10:44:15 AM

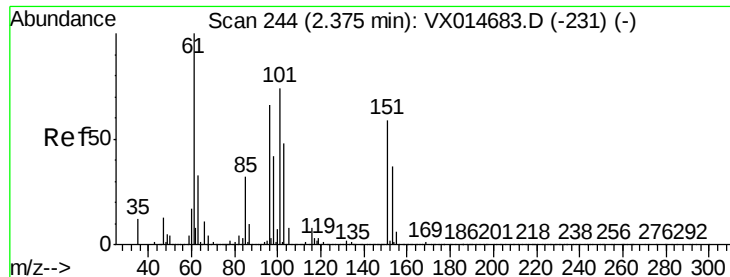


#8

Diethyl Ether
Concen: 47.379 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.142 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

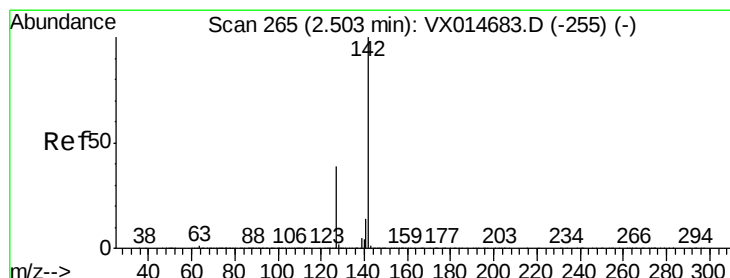
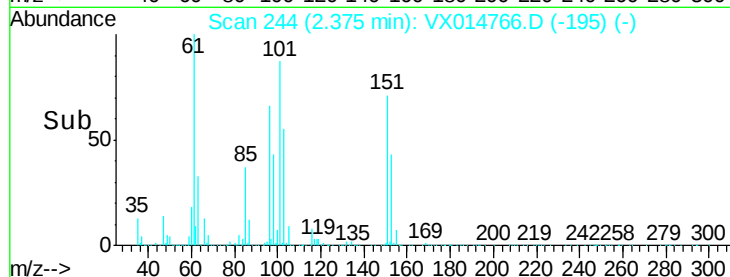
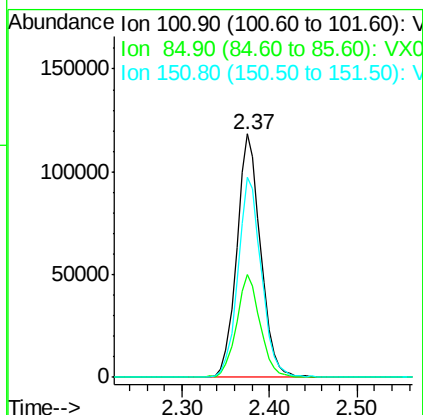
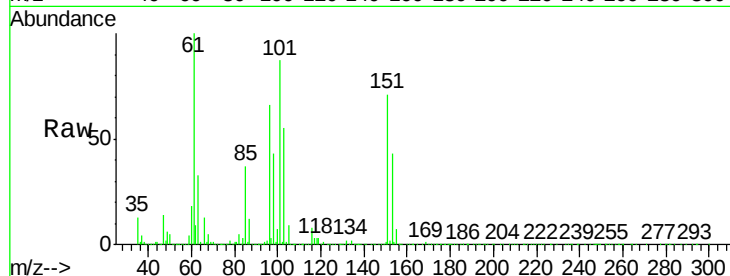
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	223841
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.7	52.1
151	80.7	64.7	97.1

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#10

Methyl Iodide

Concen: 51.381 ug/l

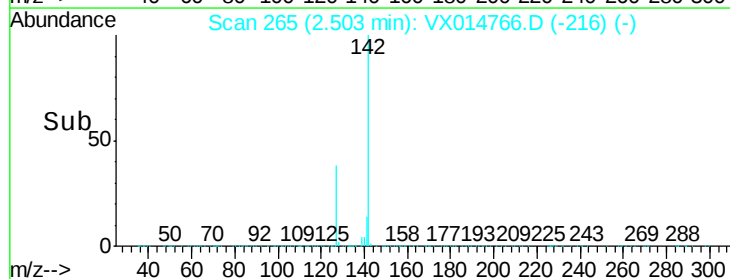
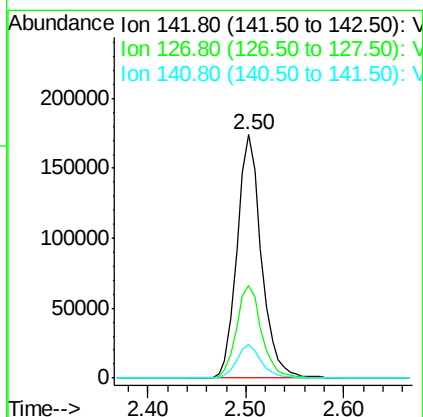
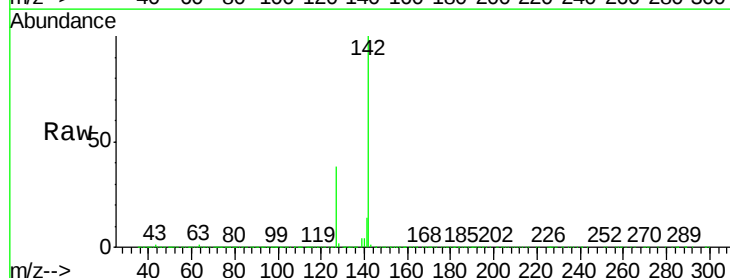
RT: 2.50 min Scan# 265

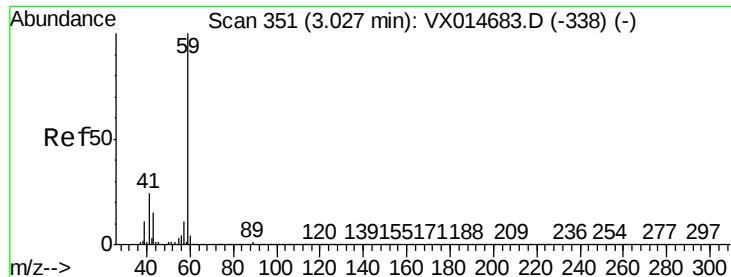
Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	142	Resp:	300970
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.1	46.7
141	13.9	11.3	16.9





#11

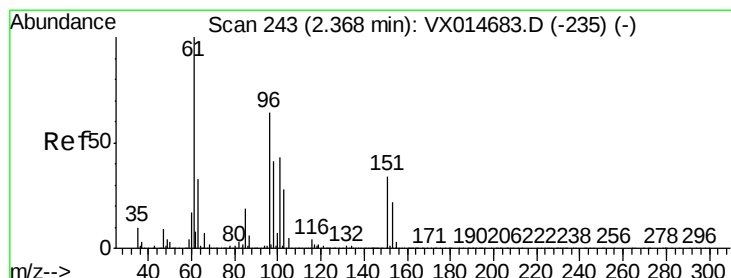
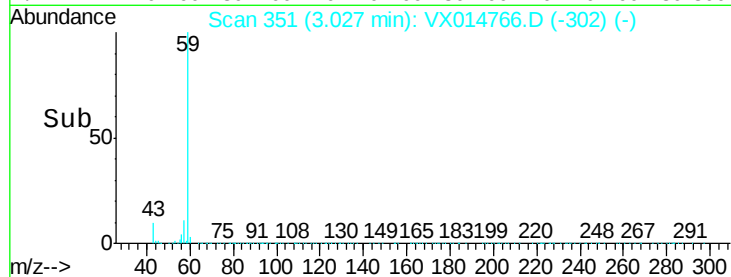
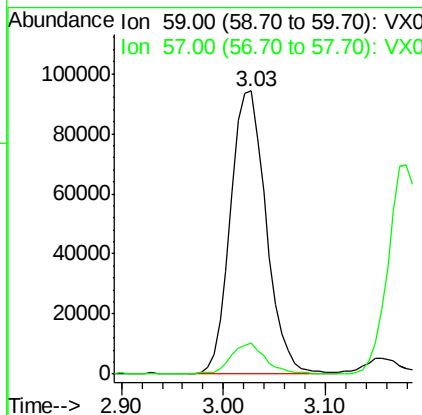
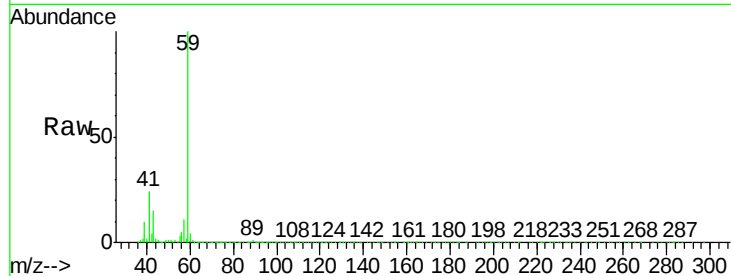
Tert butyl alcohol
Concen: 195.013 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

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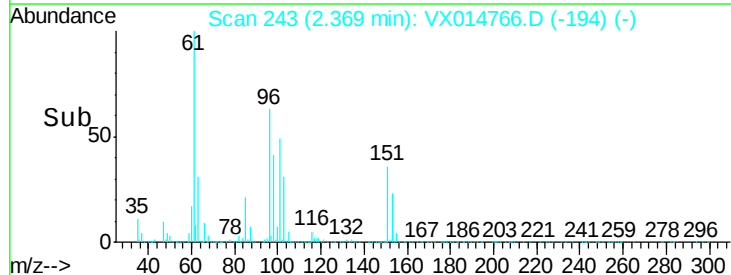
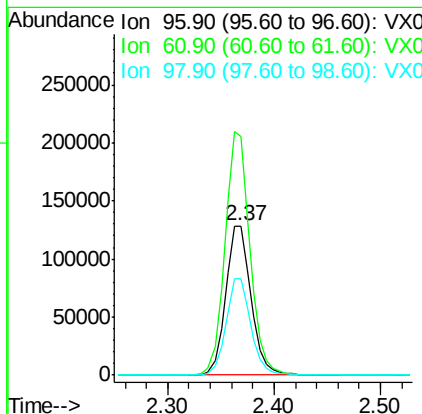
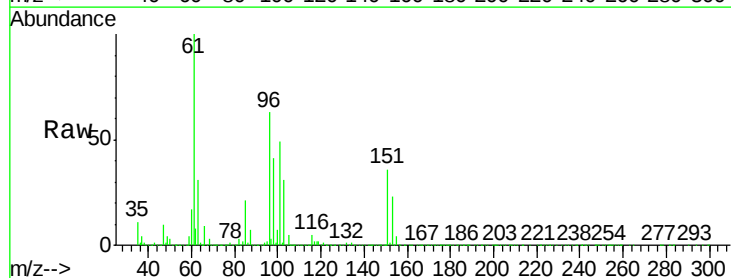
MMDadoda
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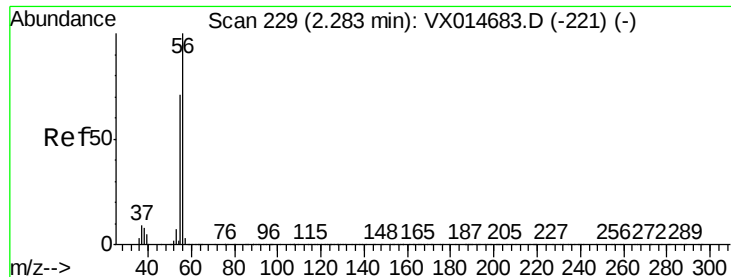


#12

1,1-Dichloroethene
Concen: 47.913 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	125.8	188.8
98	64.9	51.5	77.3





#13

Acrolein

Concen: 284.346 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 262443

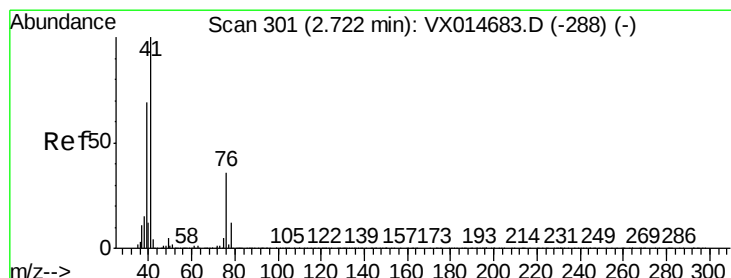
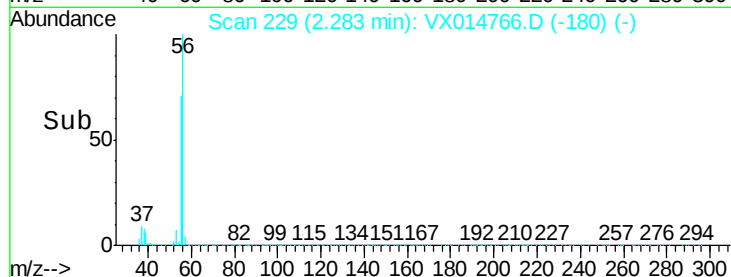
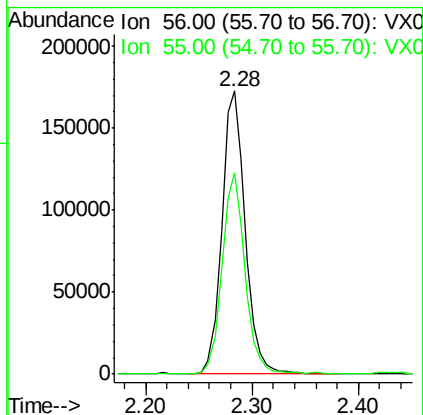
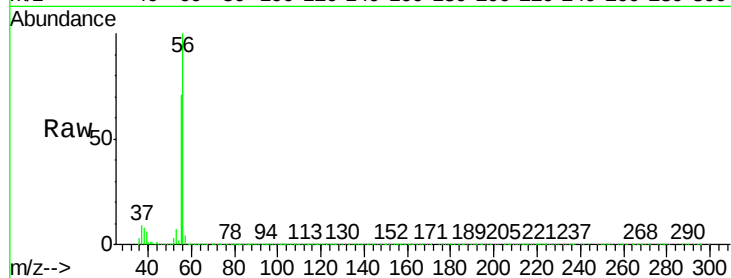
Ion Ratio Lower Upper

56 100

55 70.1 56.6 84.8

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#14

Allyl chloride

Concen: 48.636 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

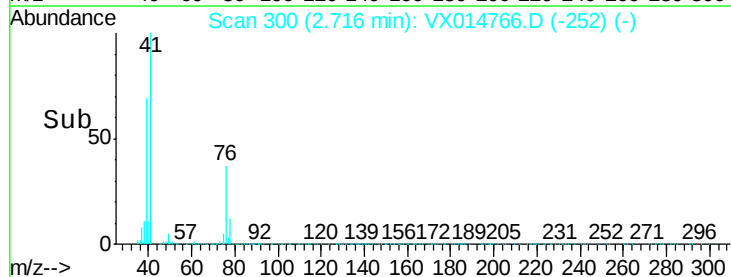
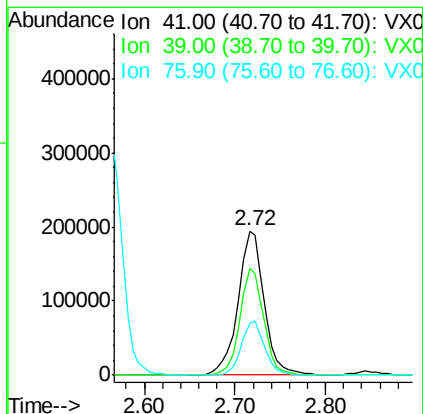
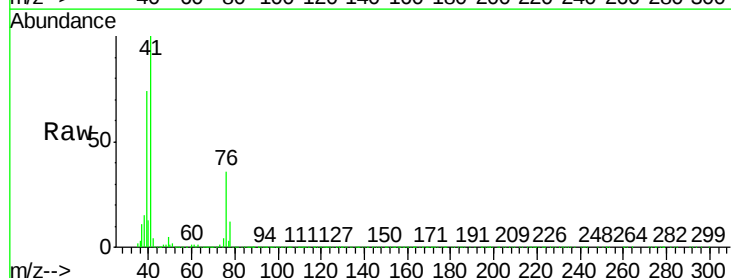
Tgt Ion: 41 Resp: 388015

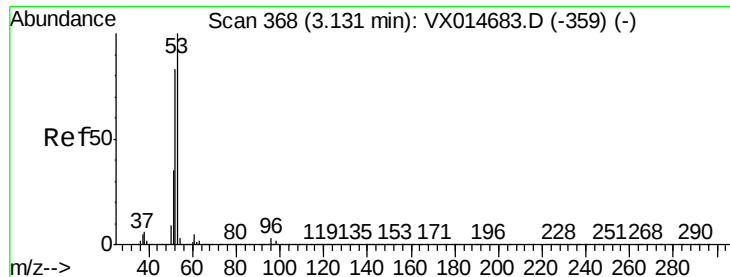
Ion Ratio Lower Upper

41 100

39 67.1 52.0 78.0

76 32.9 26.0 39.0





#15

Acrylonitrile

Concen: 232.439 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

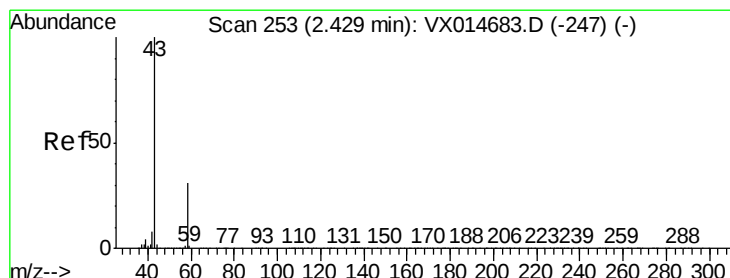
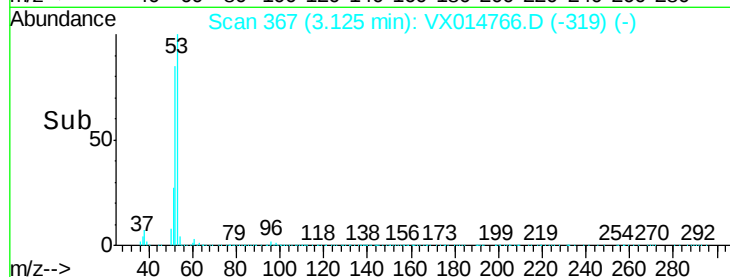
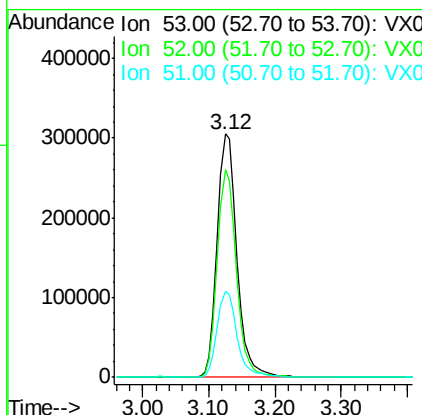
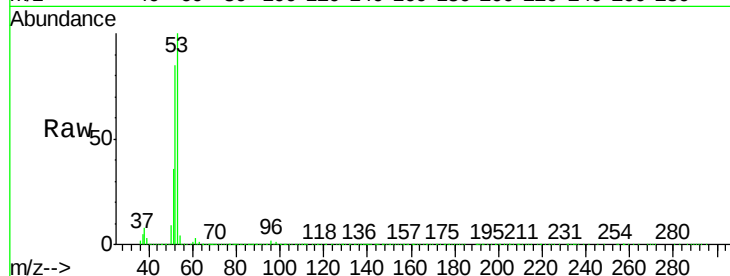
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	629548
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.4	99.6
51	35.5	28.7	43.1

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#16

Acetone

Concen: 221.865 ug/l

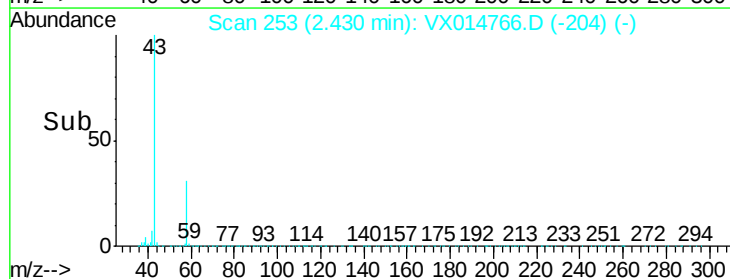
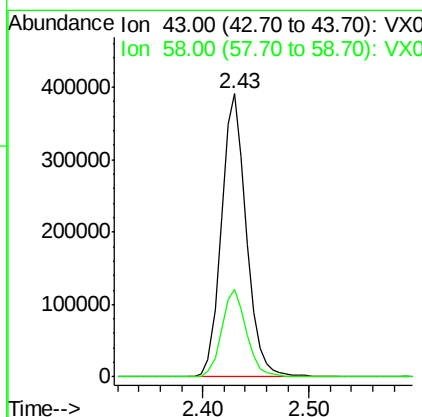
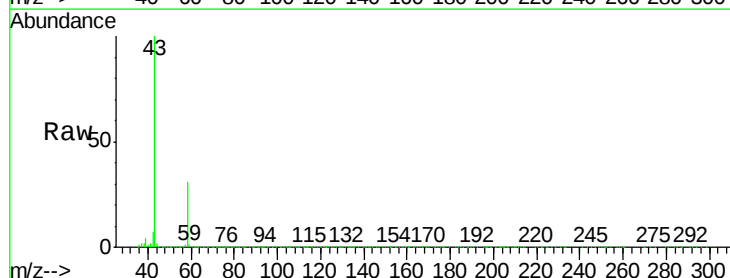
RT: 2.43 min Scan# 253

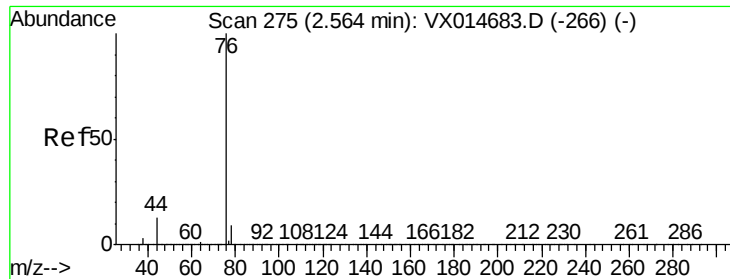
Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	43	Resp:	633944
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.5	36.7





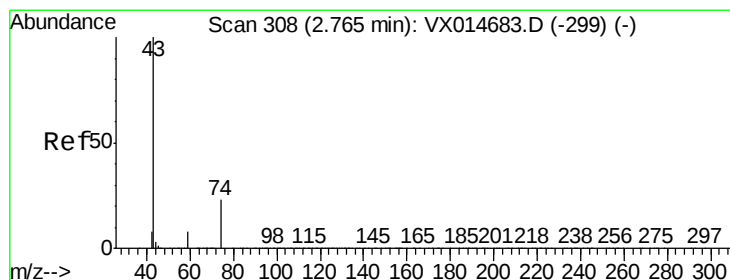
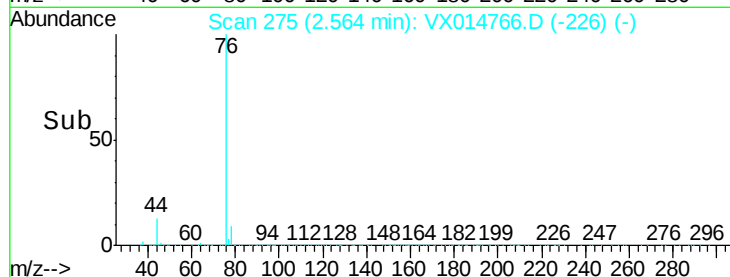
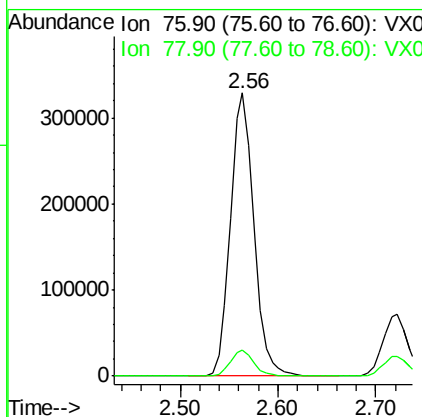
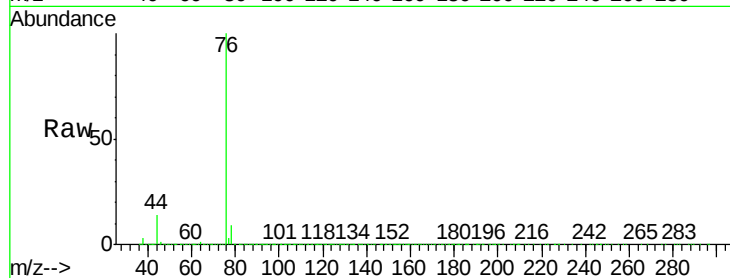
#17
Carbon Disulfide
Concen: 45.168 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

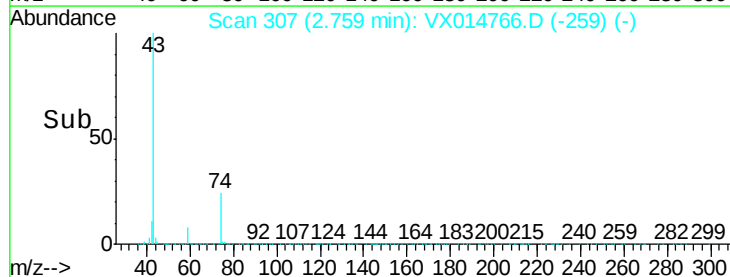
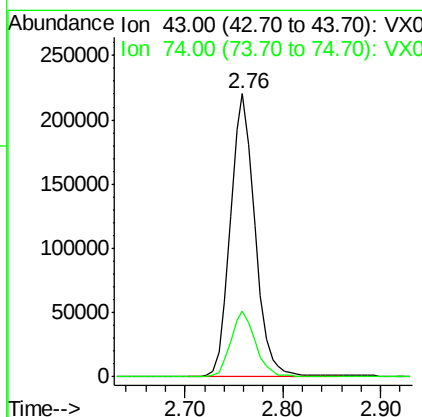
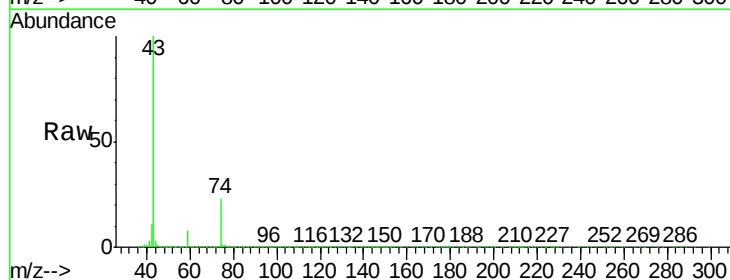
Manual Integrations
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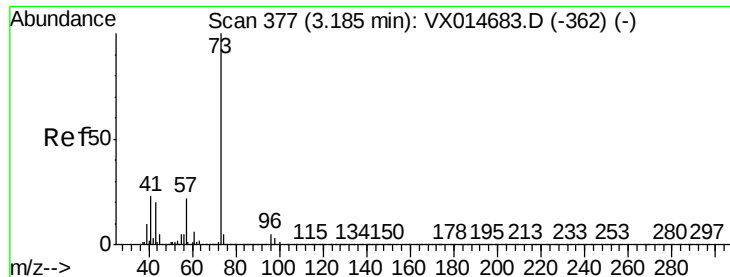
MMDadoda
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#18
Methyl Acetate
Concen: 46.940 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.5	27.7





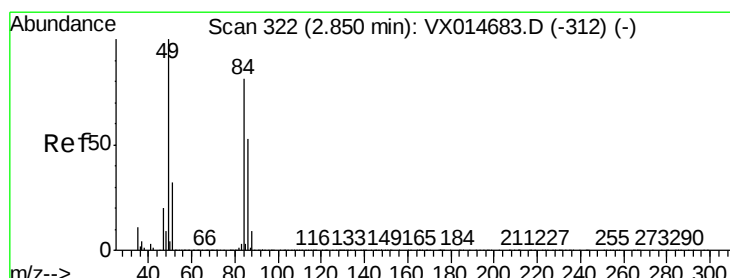
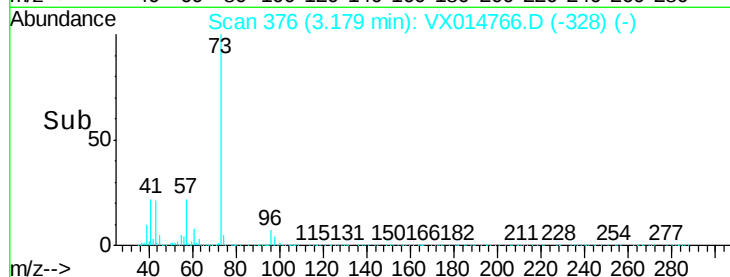
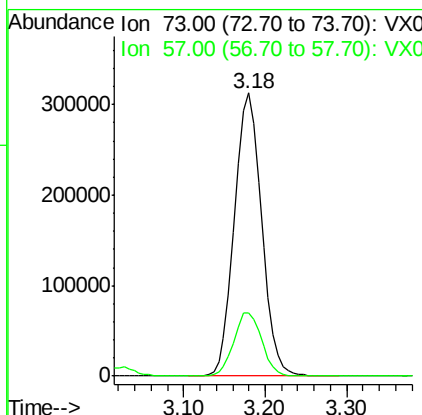
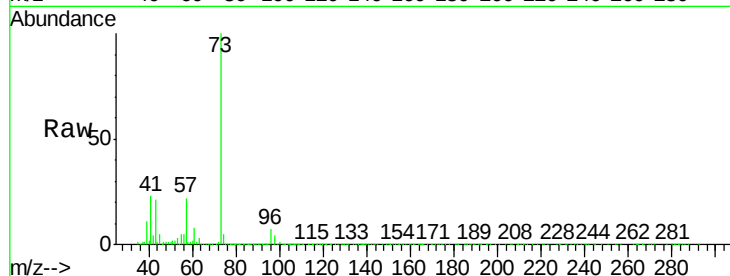
#19
Methvl tert-butvl Ether
Concen: 49.606 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.0	27.0

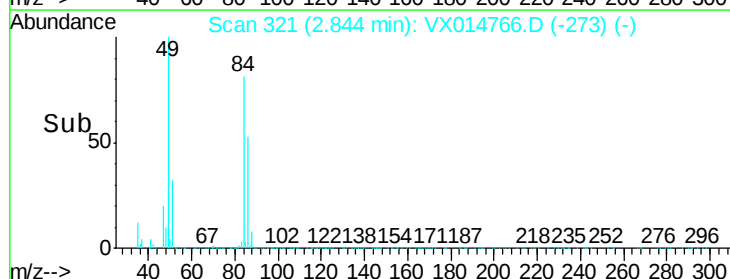
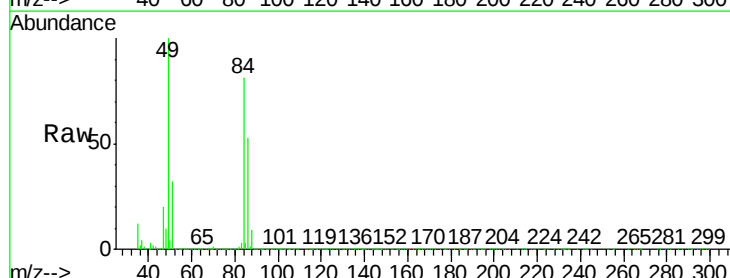
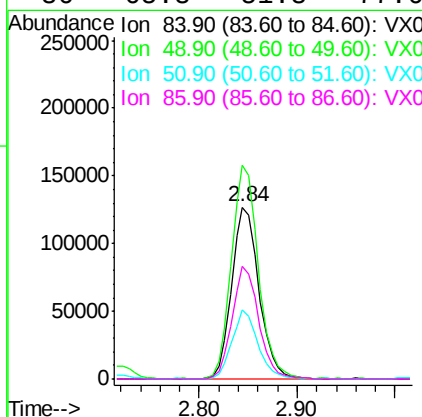
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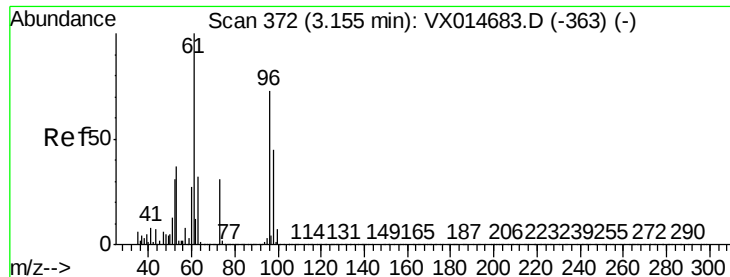
MMDadoda
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#20
Methylene Chloride
Concen: 46.397 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.2	98.2	147.4
51	39.8	31.3	46.9
86	65.8	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.155 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

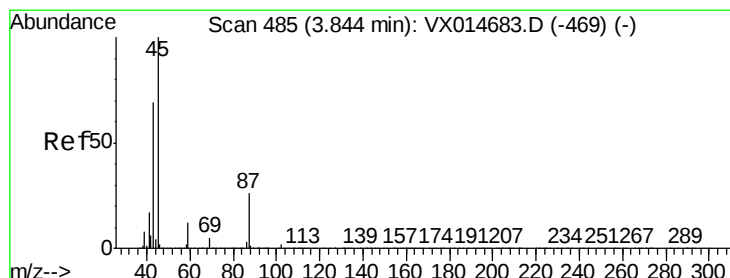
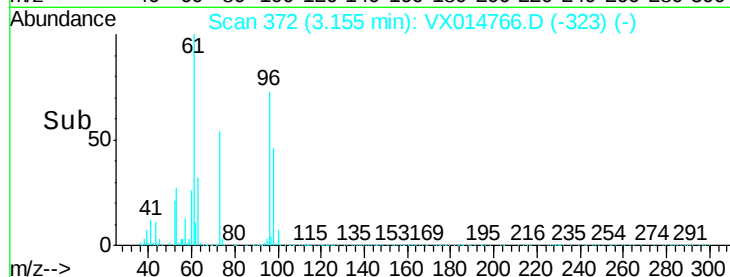
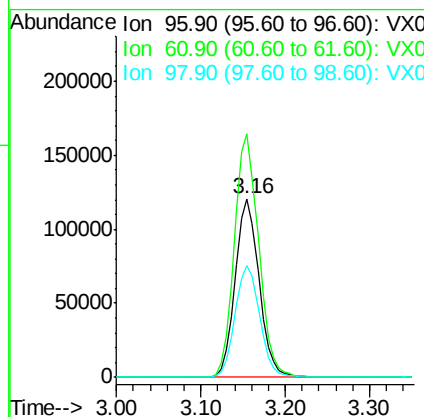
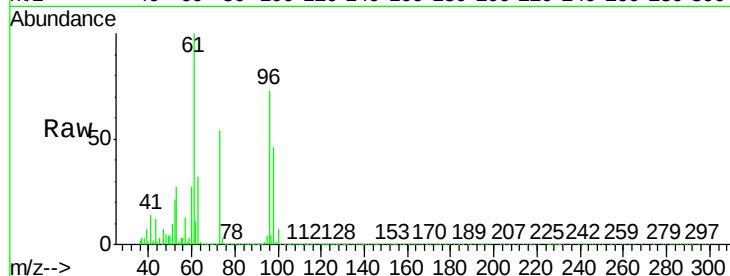
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	230449
Ion	Ratio	Lower	Upper
96	100		
61	136.4	109.8	164.6
98	62.7	49.6	74.4

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#22

Diisopropyl ether

Concen: 50.426 ug/l

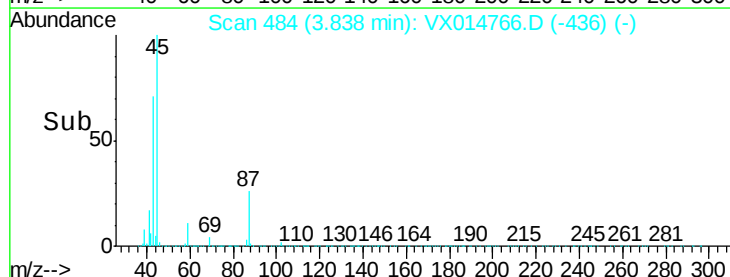
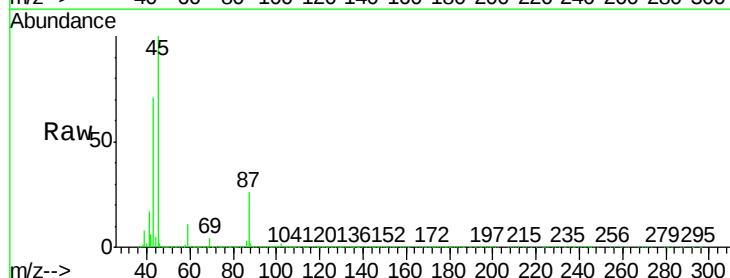
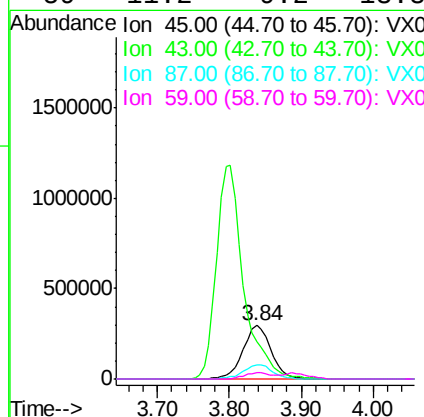
RT: 3.84 min Scan# 484

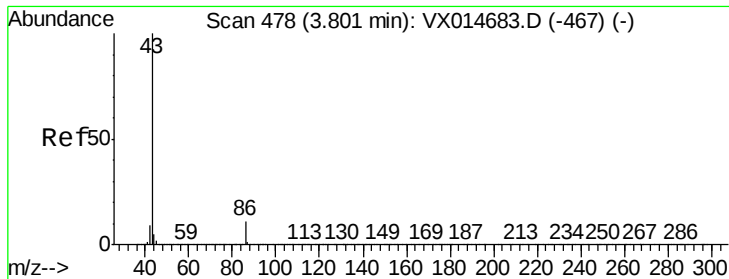
Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	45	Resp:	800372
Ion	Ratio	Lower	Upper
45	100		
43	70.2	55.1	82.7
87	26.3	20.7	31.1
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 256.727 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3106236

Ion Ratio Lower Upper

43 100

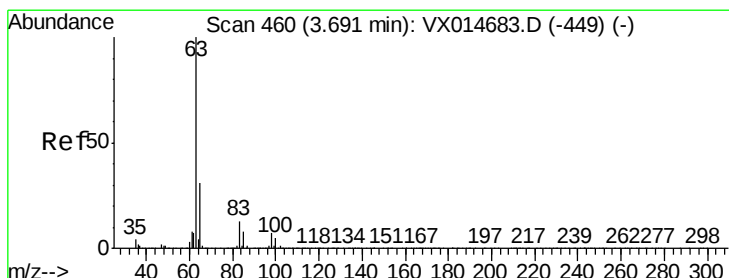
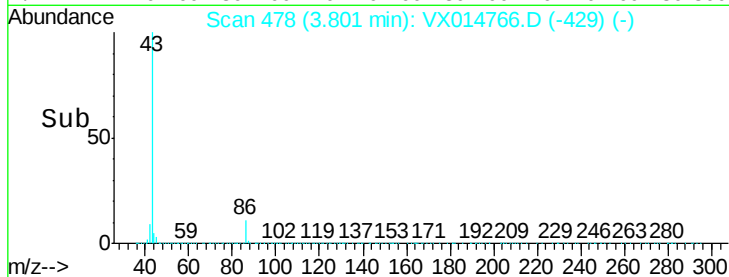
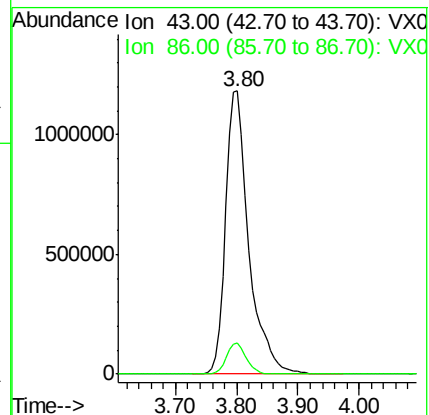
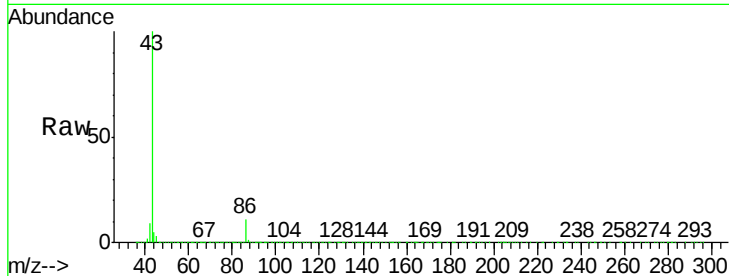
86 10.9 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 49.142 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

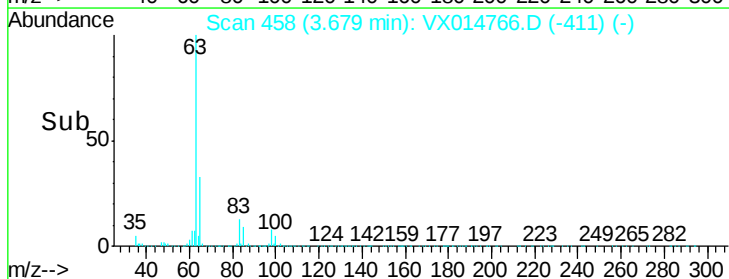
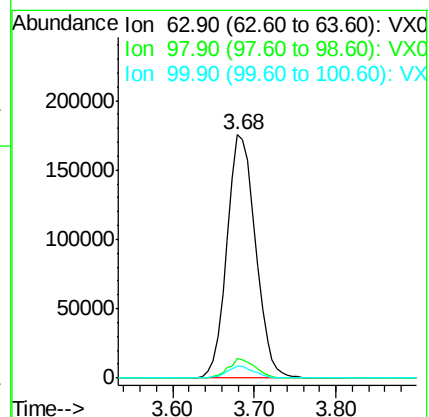
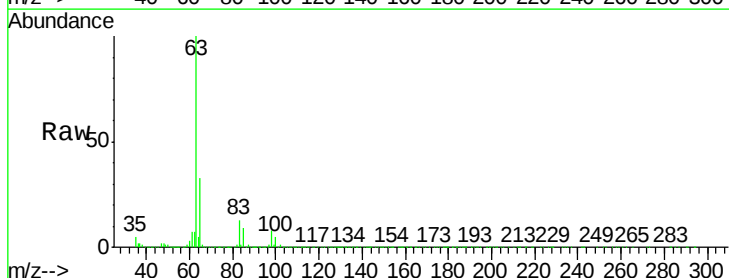
Tgt Ion: 63 Resp: 423594

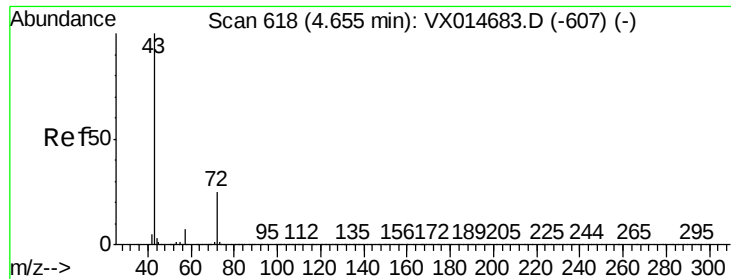
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 220.713 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 903639

Ion Ratio Lower Upper

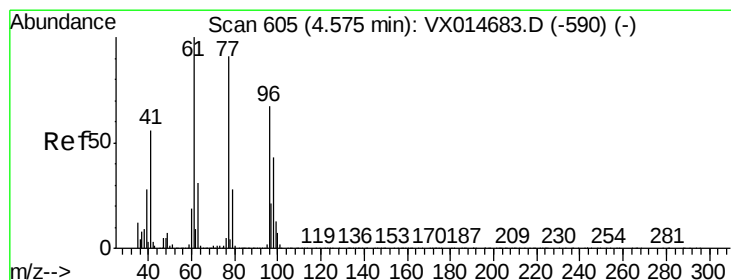
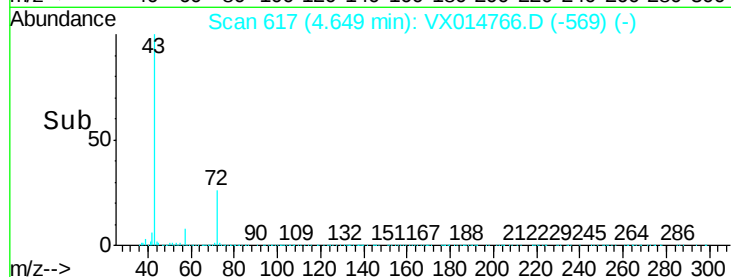
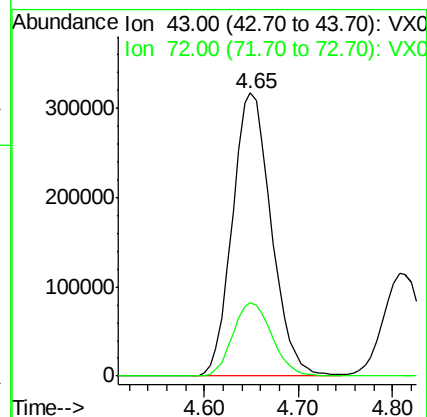
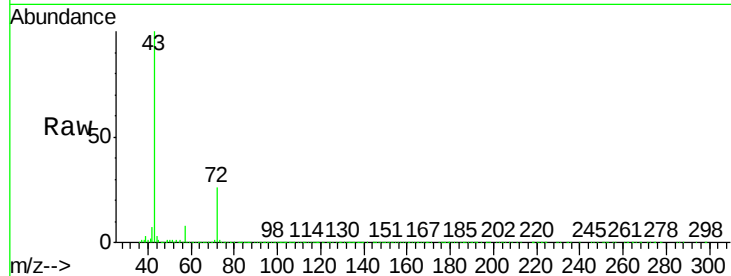
43 100

72 26.0 19.9 29.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 50.787 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014766.D

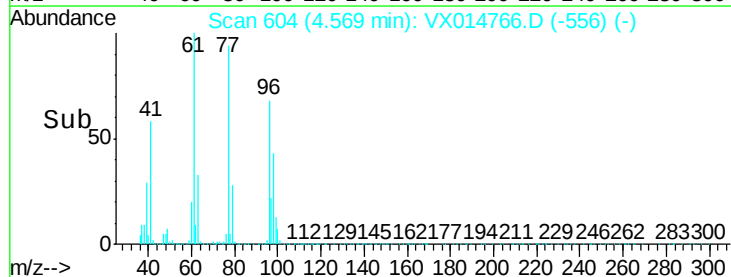
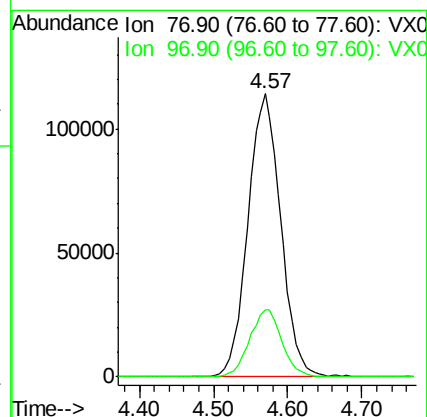
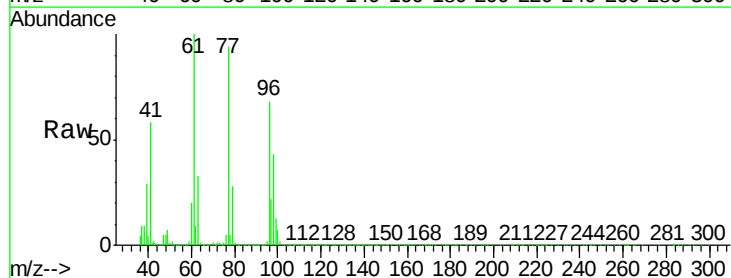
Acq: 29 Jan 2020 16:40

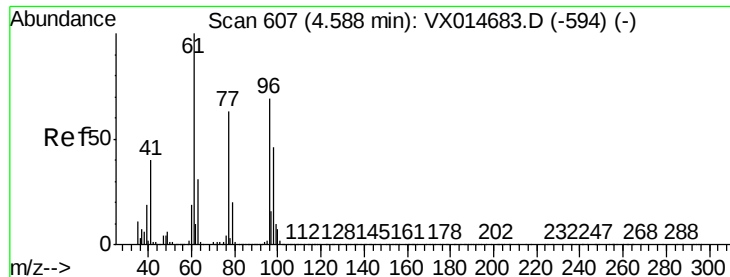
Tgt Ion: 77 Resp: 350408

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3





#27

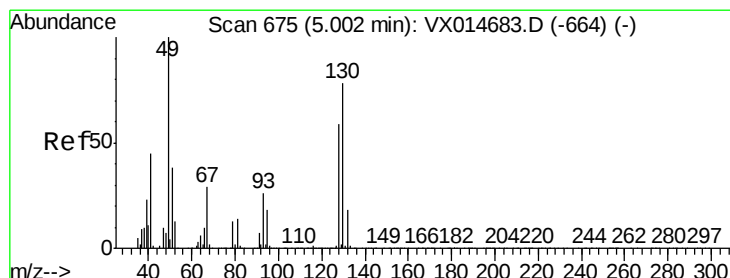
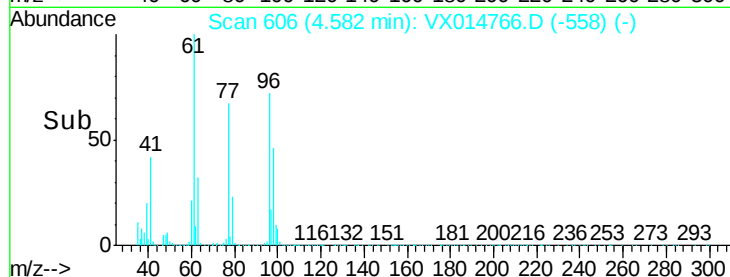
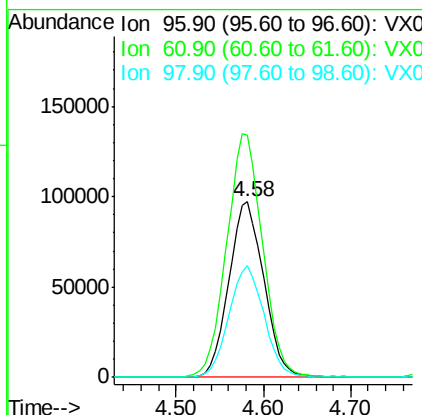
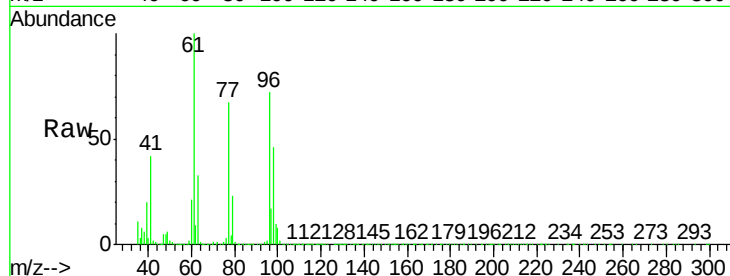
cis-1,2-Dichloroethene
Concen: 49.499 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	270735		
61	143.1	0.0	291.0	
98	63.4	0.0	129.8	

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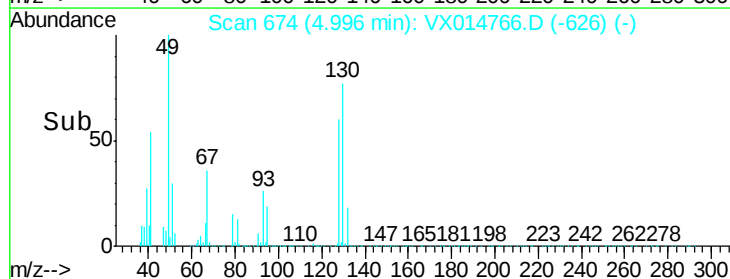
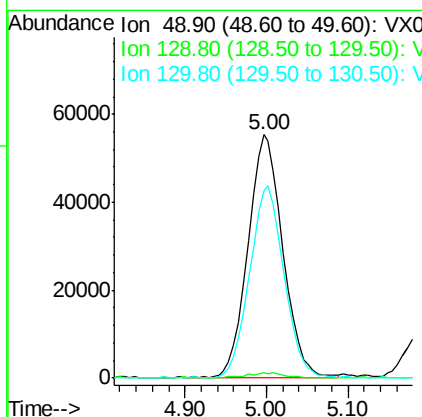
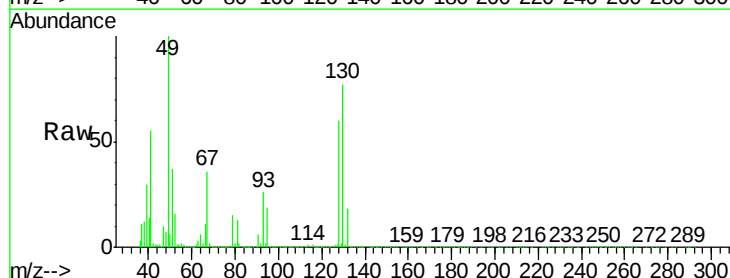
MMDadoda
1/30/2020 10:44:15 AM

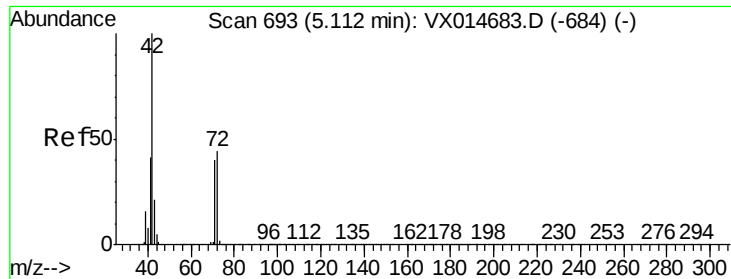


#28

Bromochloromethane
Concen: 43.068 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	163135		
129	2.4	0.0	4.8	
130	78.8	62.4	93.6	





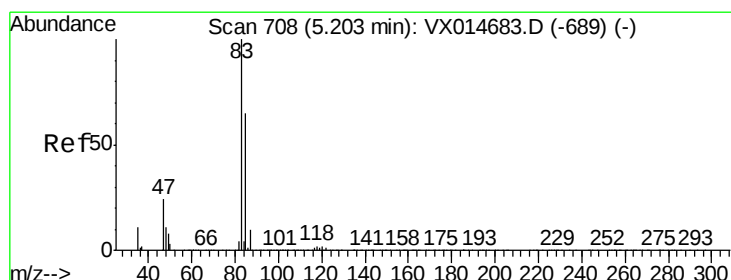
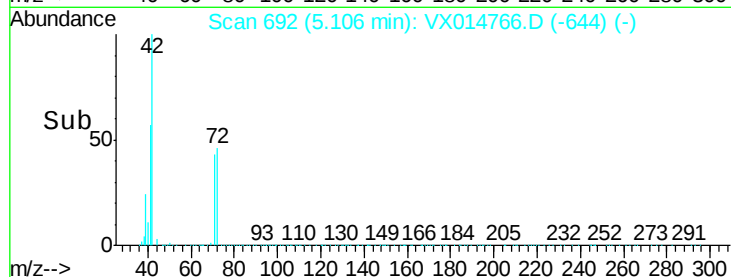
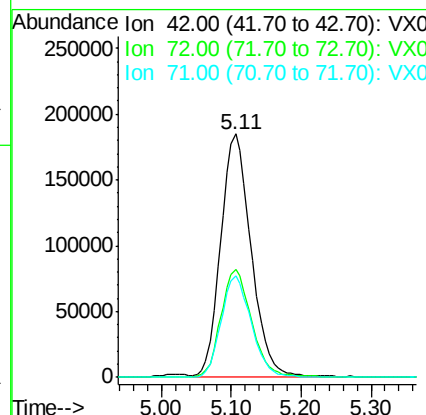
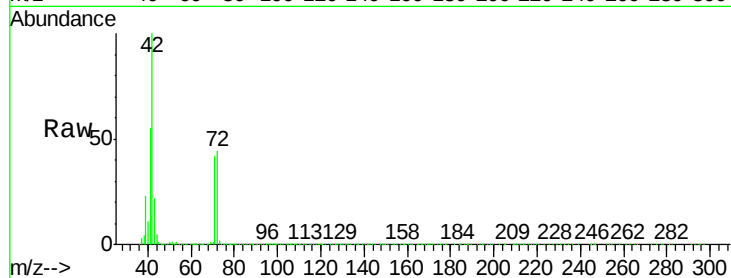
#29
Tetrahydrofuran
Concen: 228.716 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.3	52.9
71	41.5	33.1	49.7

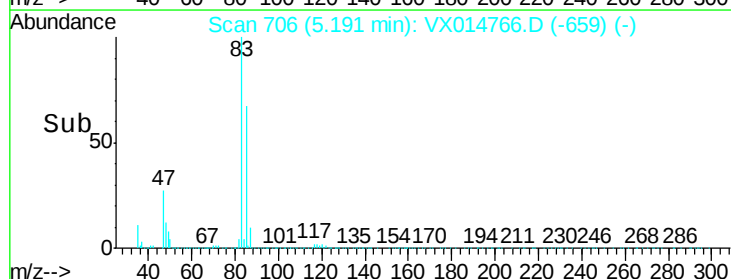
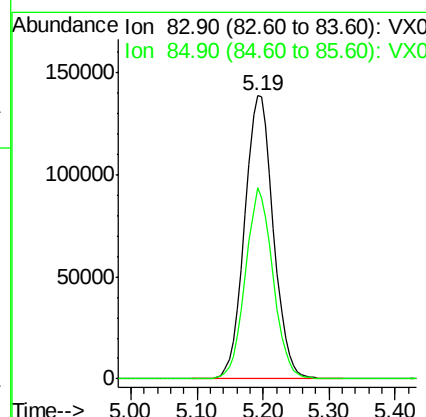
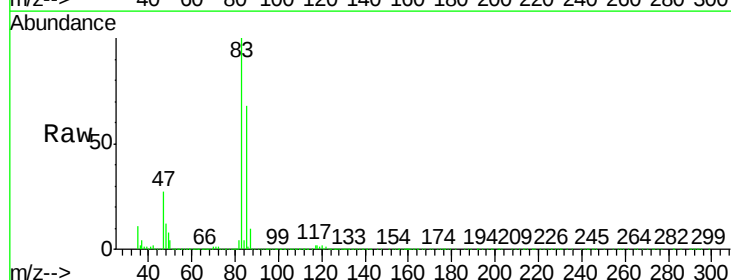
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APPROVED

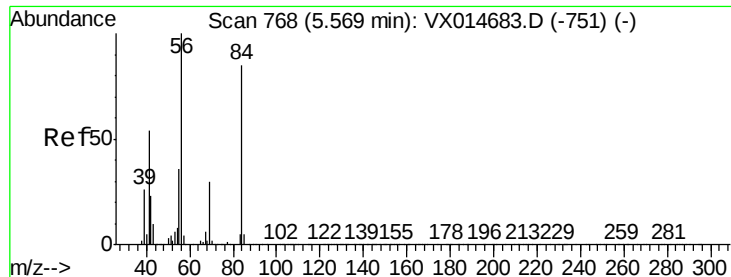
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#30
Chloroform
Concen: 48.914 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.7	77.5





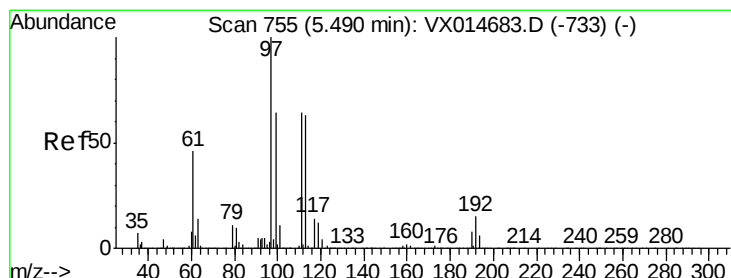
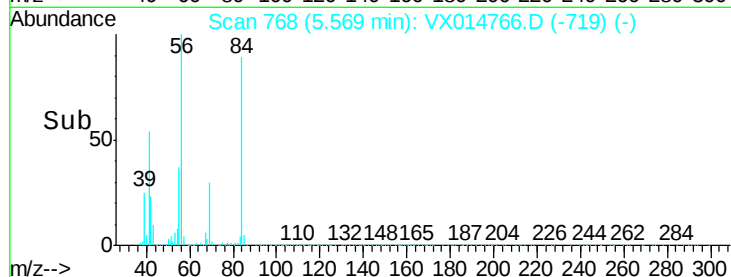
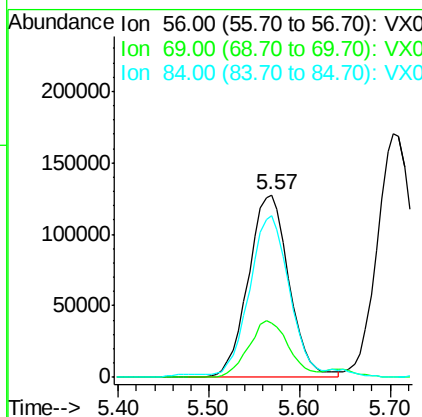
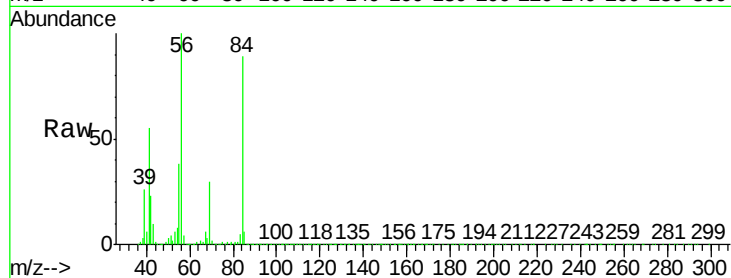
#31
Cyclohexane
Concen: 48.575 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.4	35.2
84	87.2	68.4	102.6

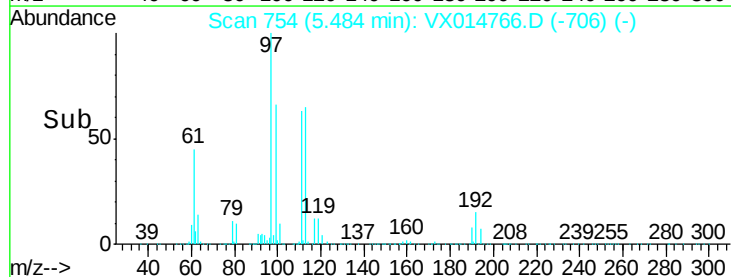
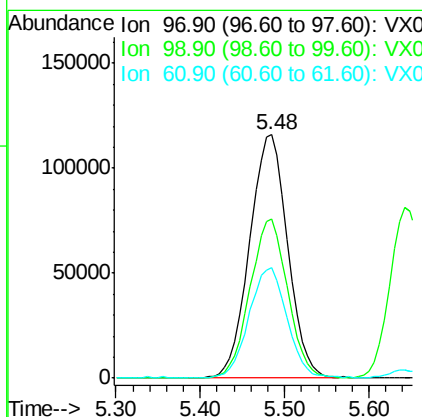
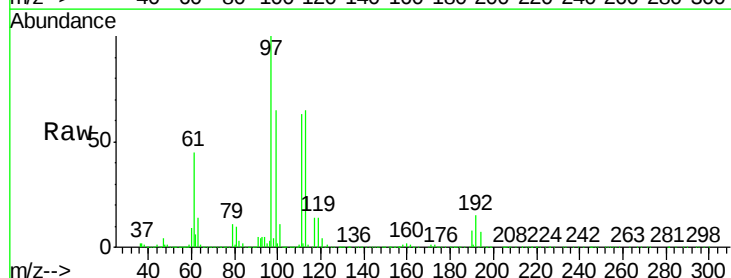
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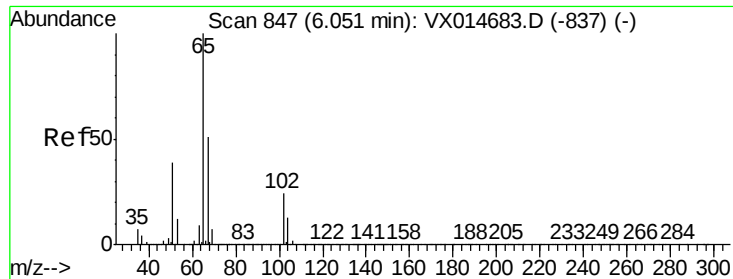
MMDadoda
1/30/2020 10:44:15 AM



#32
1,1,1-Trichloroethane
Concen: 49.494 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.3	78.5
61	45.1	37.2	55.8





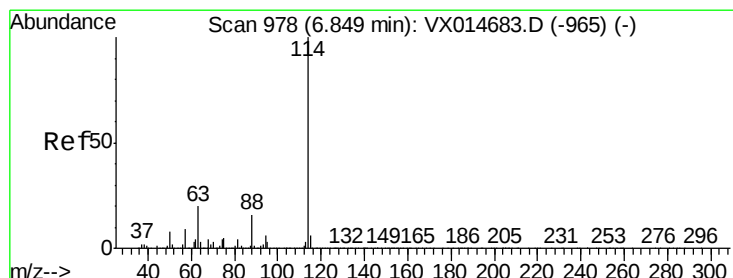
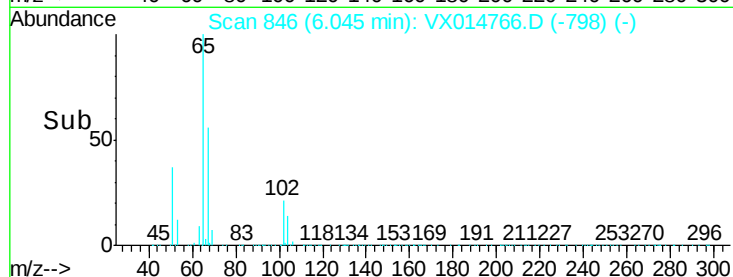
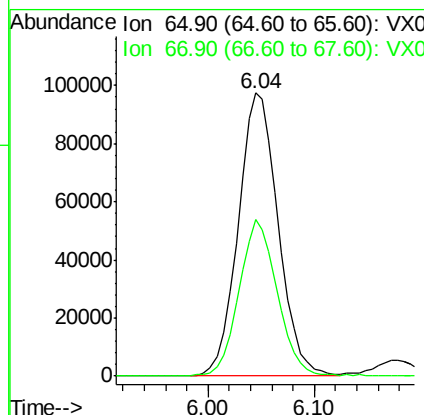
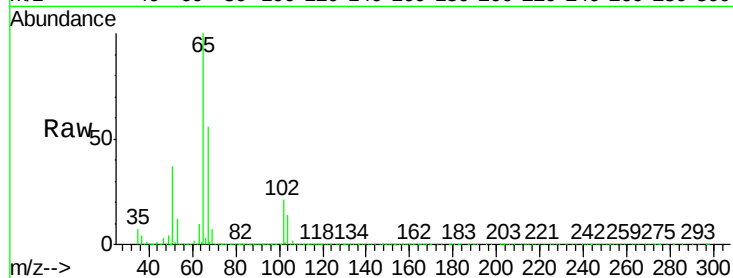
#33
 1,2-Dichloroethane-d4
 Concen: 48.776 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.4

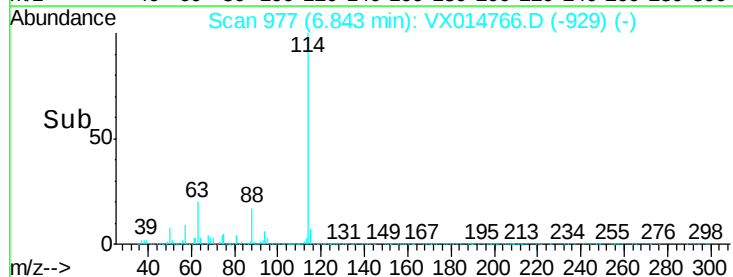
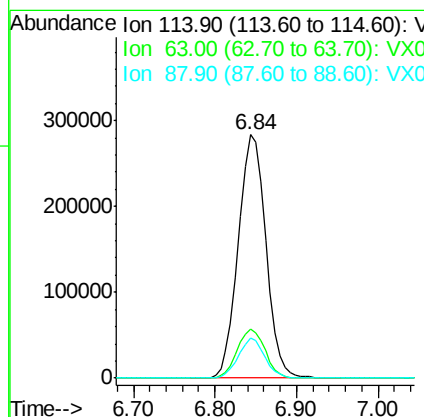
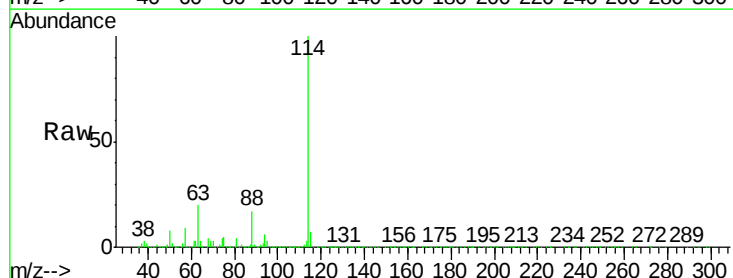
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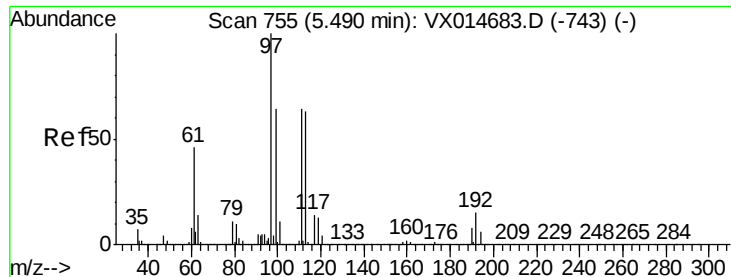
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	16.5	0.0	31.2





#35

Dibromofluoromethane

Concen: 50.423 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

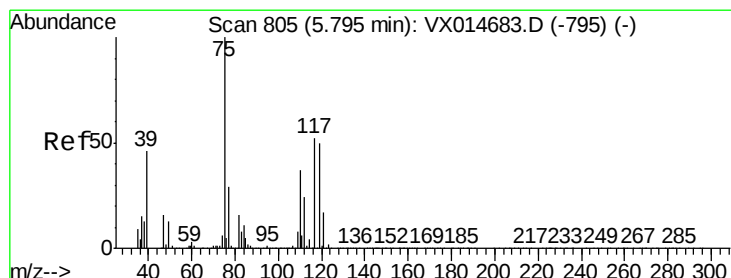
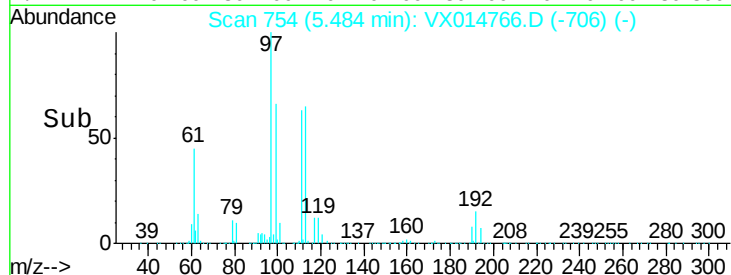
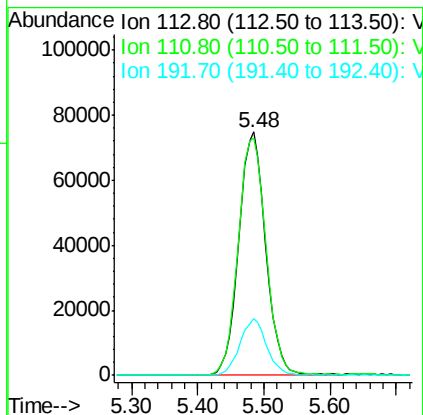
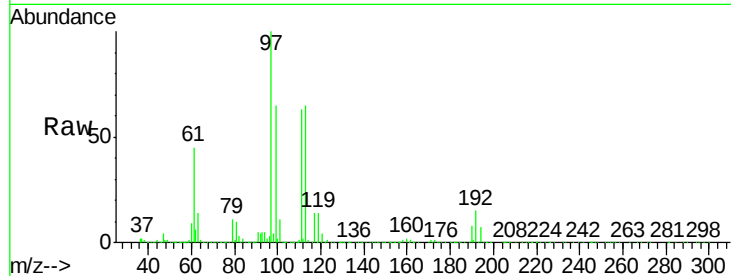
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	211239
Ion Ratio	Lower	Upper	
113	100		
111	101.1	80.7	121.1
192	23.3	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 52.372 ug/l

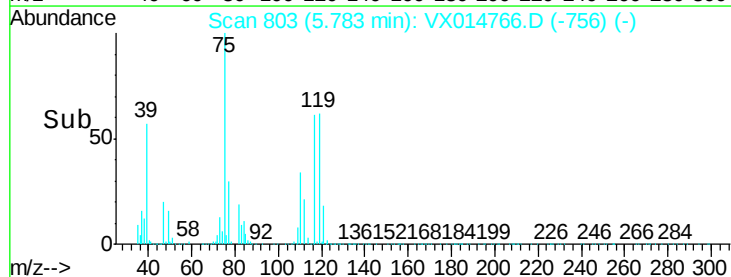
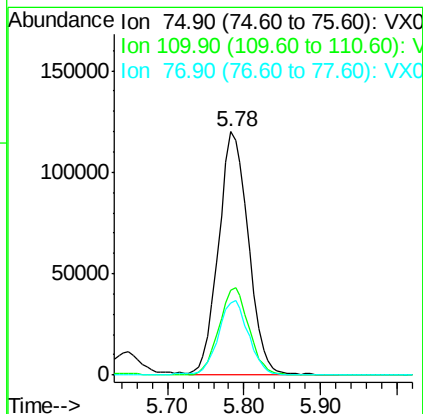
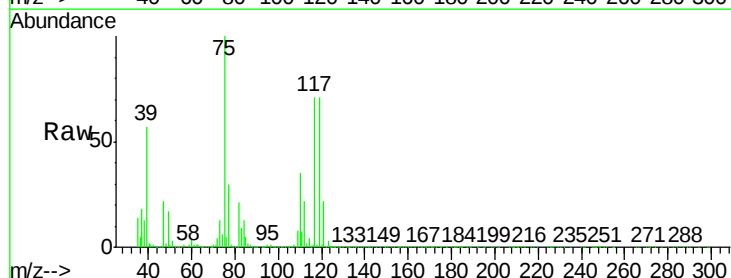
RT: 5.78 min Scan# 803

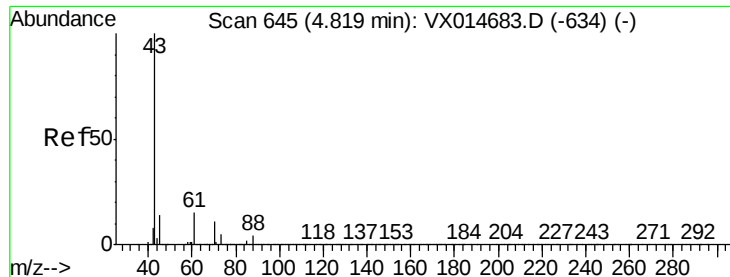
Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	75	Resp:	323094
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.9	53.7
77	30.4	24.1	36.1





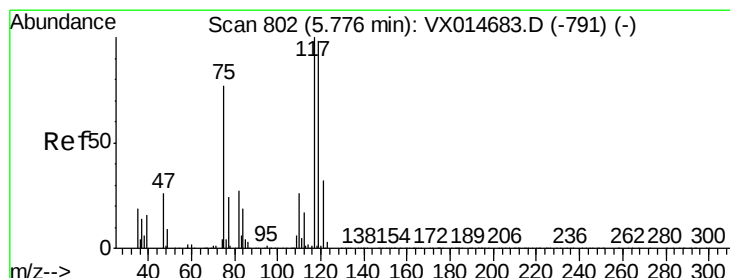
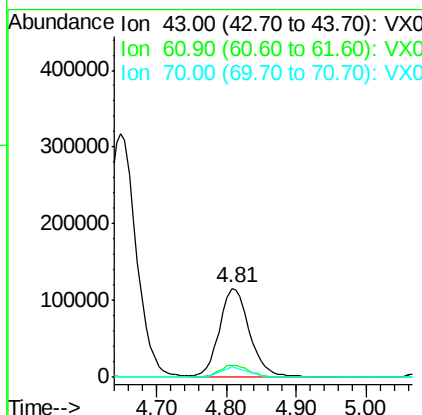
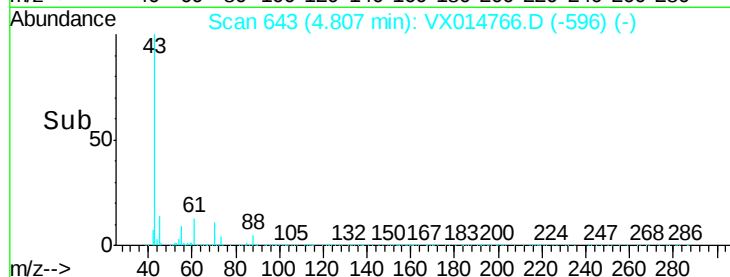
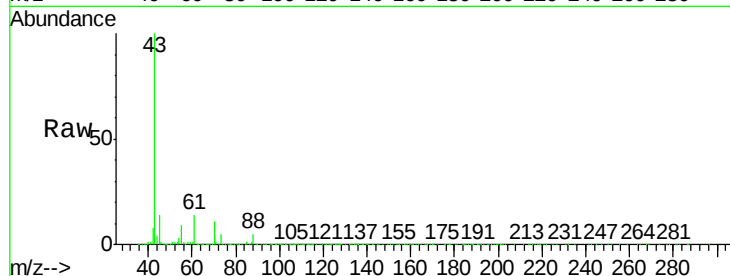
#37
Ethyl Acetate
Concen: 48.742 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	344402
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.0	16.4
70	10.2	8.5	12.7

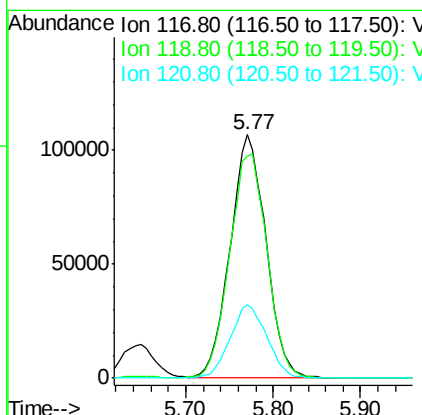
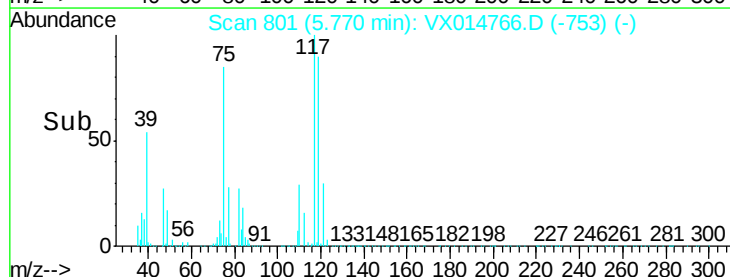
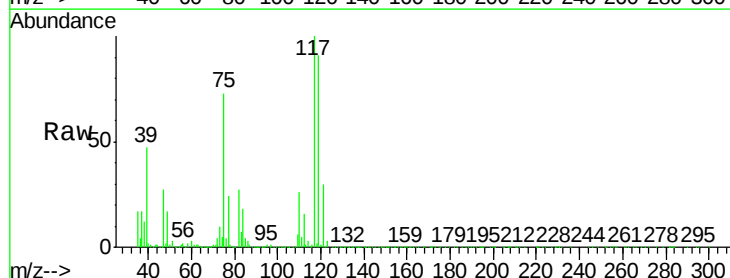
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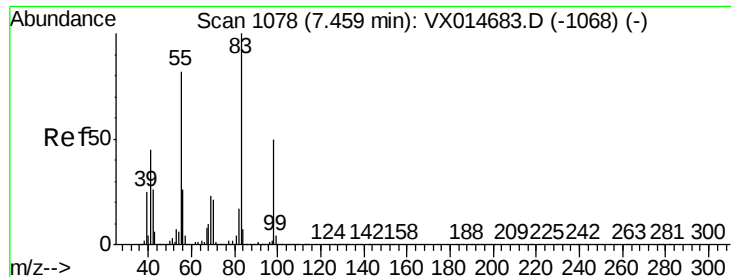
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#38
Carbon Tetrachloride
Concen: 51.546 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	117	Resp	303700
Ion Ratio	Lower	Upper	
117	100		
119	91.2	77.9	116.9
121	30.1	25.4	38.2





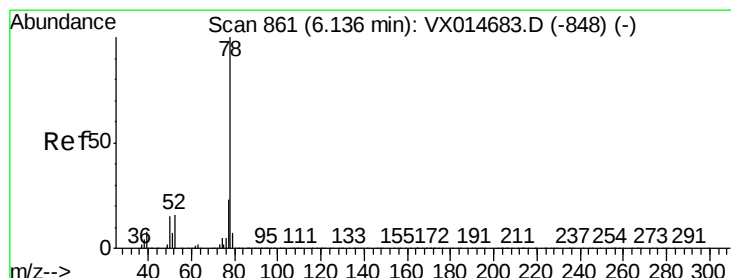
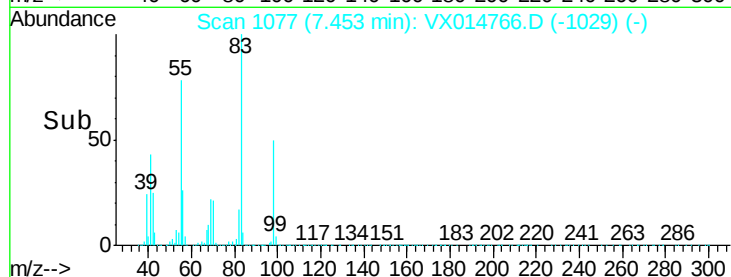
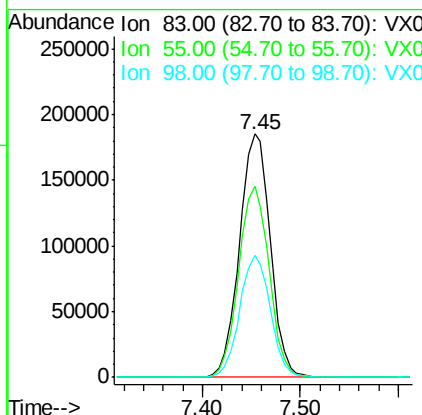
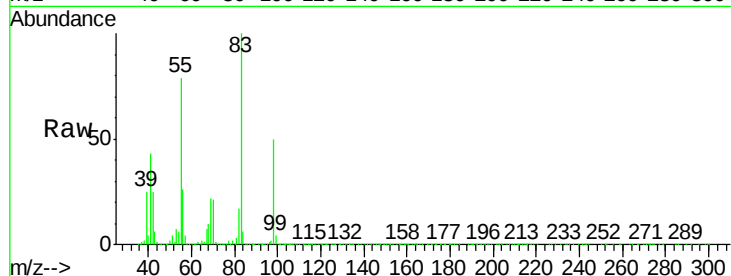
#39
Methvlcvclohexane
Concen: 52.299 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	65.6	98.4
98	50.1	40.2	60.4

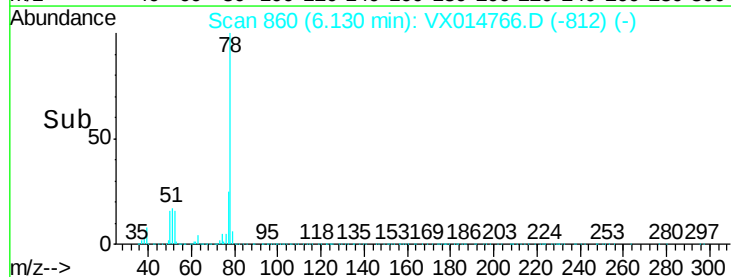
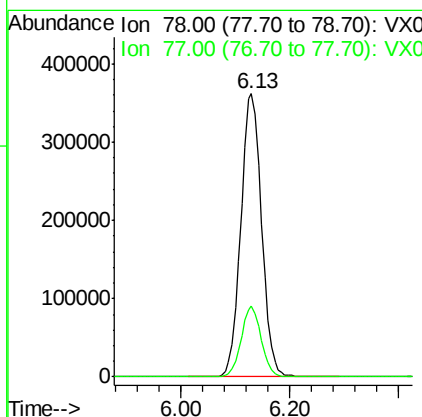
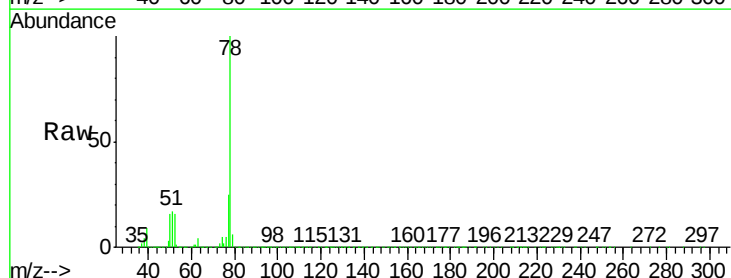
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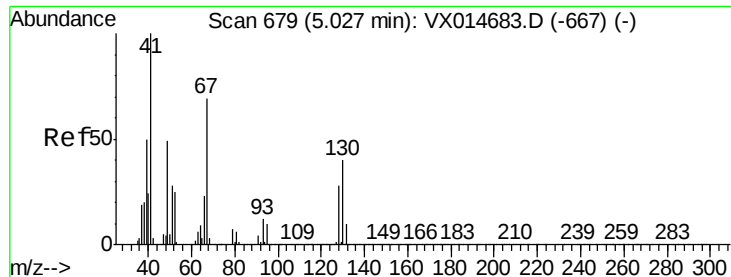
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#40
Benzene
Concen: 50.549 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.7	28.1





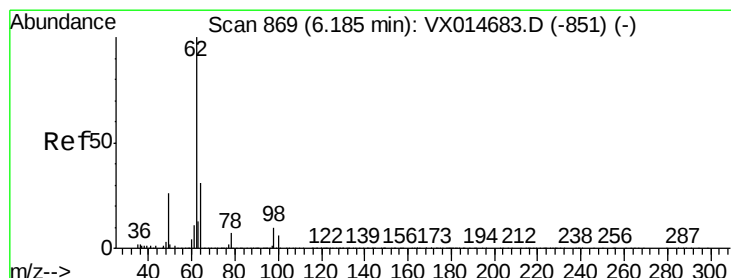
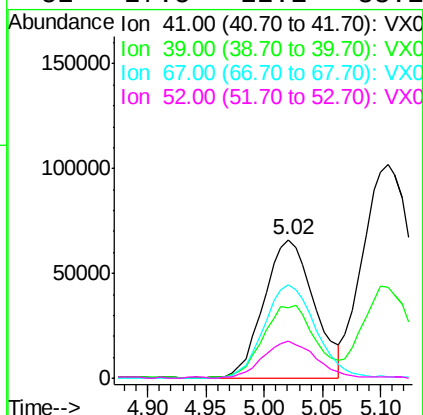
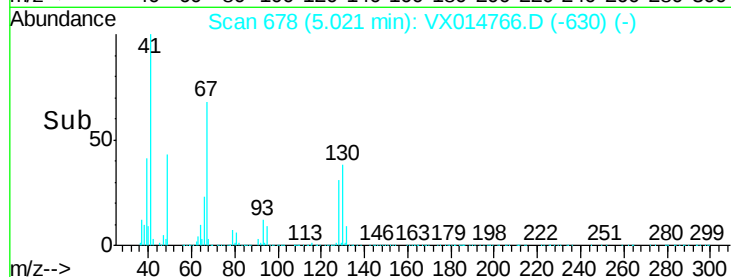
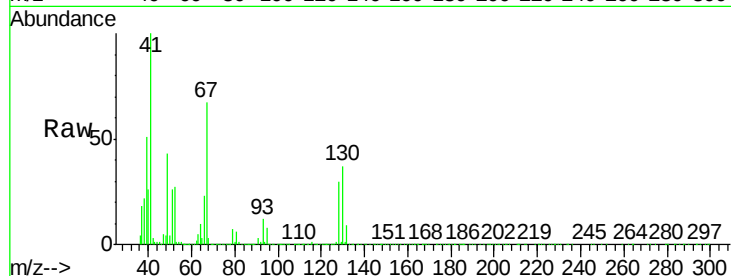
#41
Methacrylonitrile
Concen: 48.606 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		195964		
39	54.1	42.2	63.2		
67	69.2	55.4	83.0		
52	27.5	22.1	33.1		

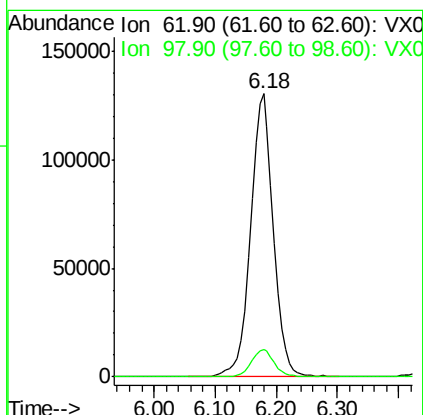
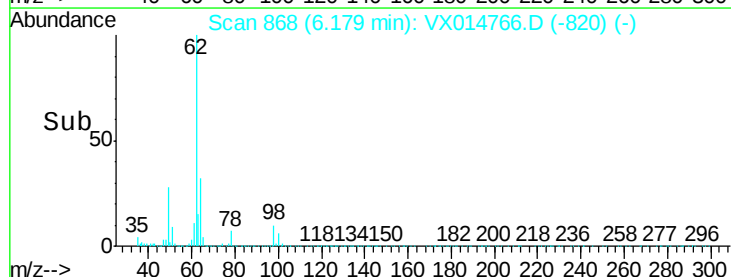
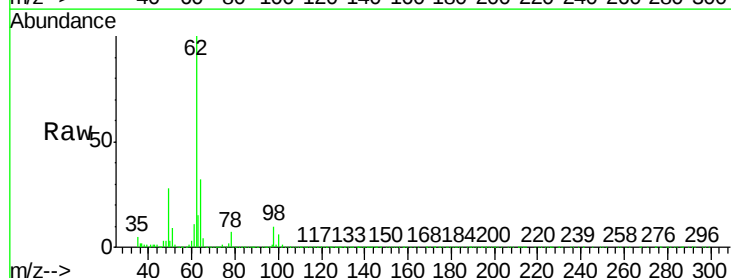
Manual Integrations
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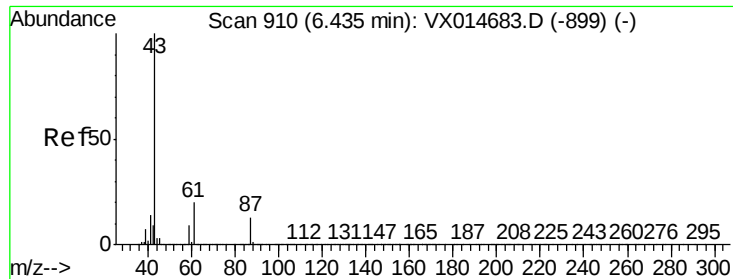
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.335 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		337907		
98	9.5	0.0	20.0		





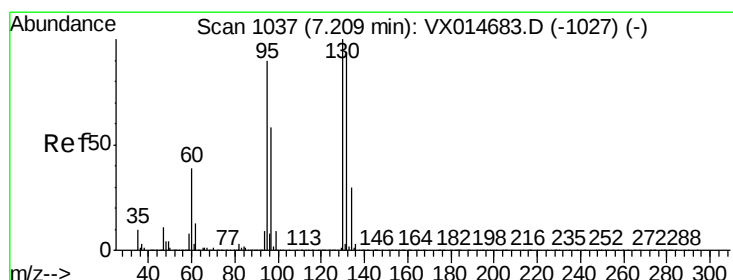
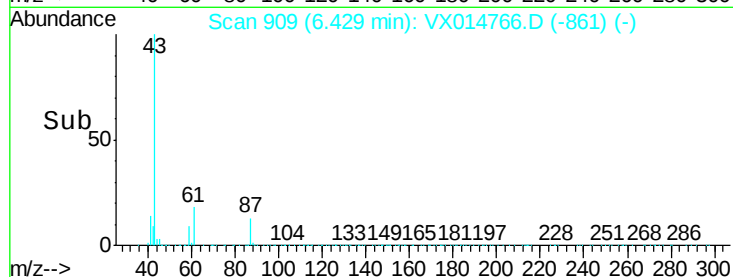
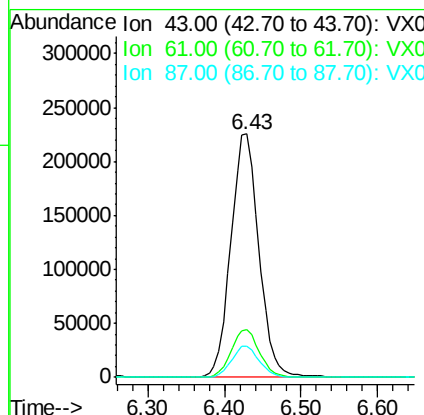
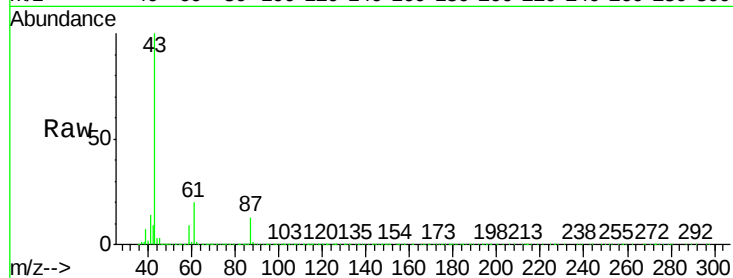
#43
Isopropyl Acetate
Concen: 49.148 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	568673
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	12.6	10.5	15.7

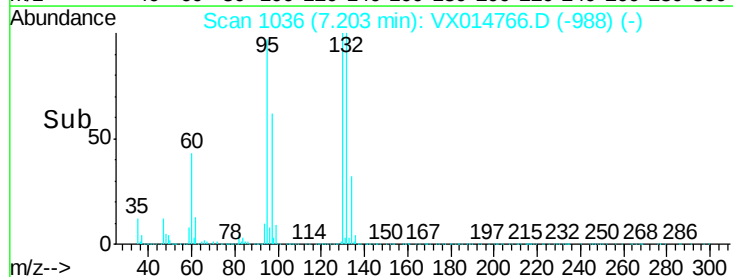
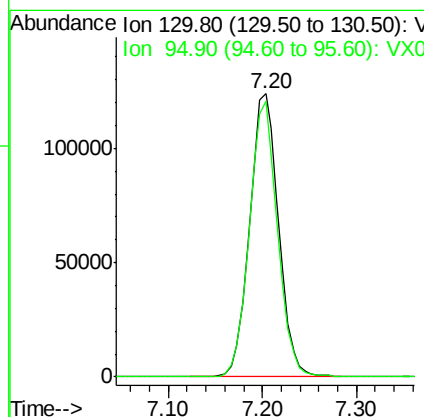
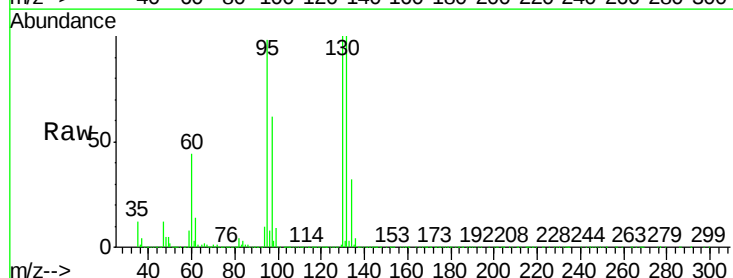
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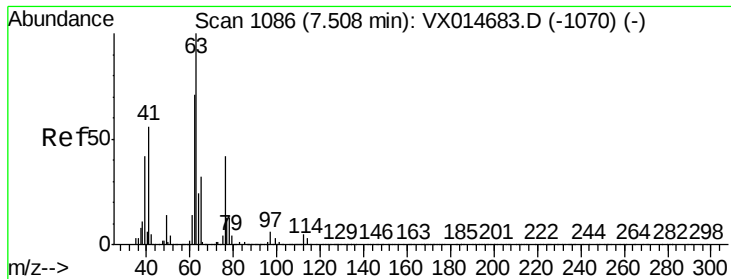
MMDadoda
1/30/2020 10:44:15 AM



#44
Trichloroethene
Concen: 49.659 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion:	130	Resp:	267377
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	179.8





#45

1,2-Dichloropropane

Concen: 50.852 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 249720

Ion Ratio Lower Upper

63 100

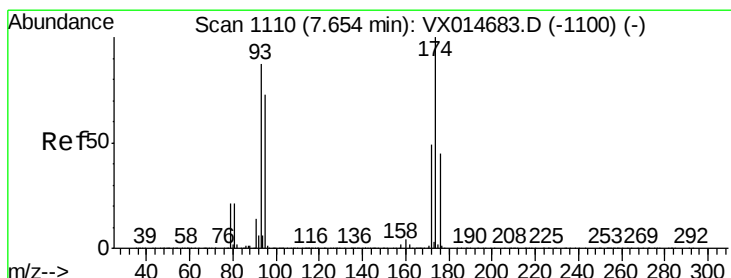
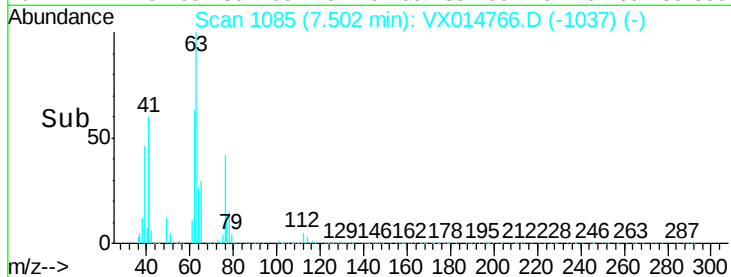
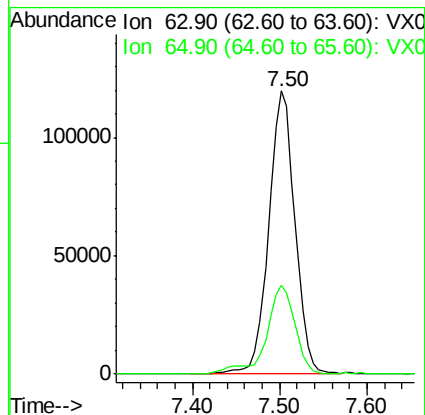
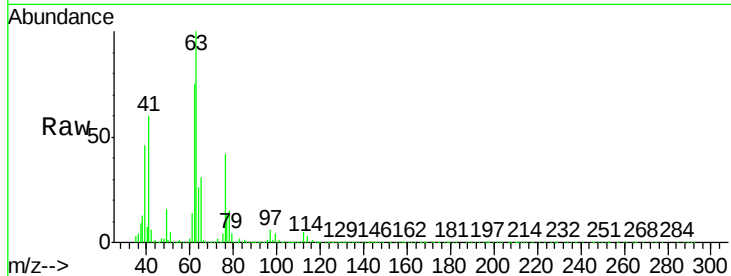
65 31.2 25.2 37.8

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#46

Dibromomethane

Concen: 51.195 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

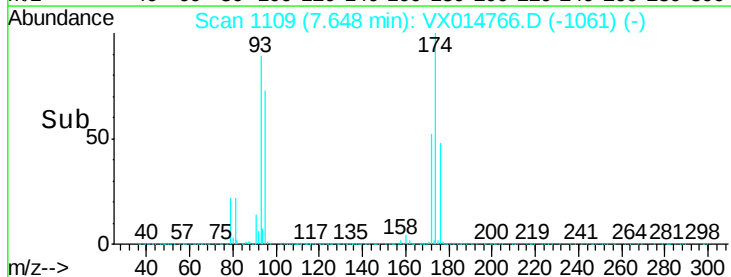
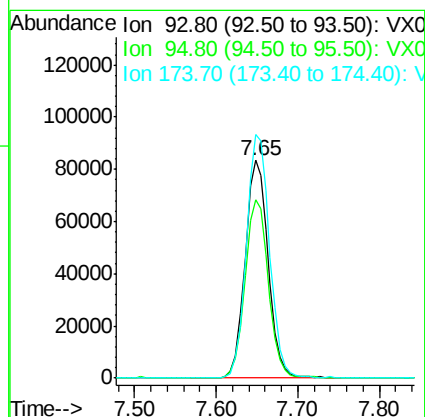
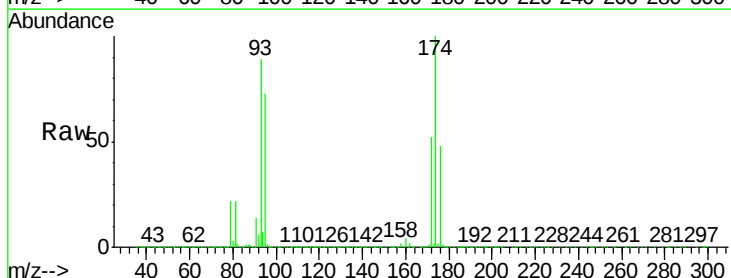
Tgt Ion: 93 Resp: 162824

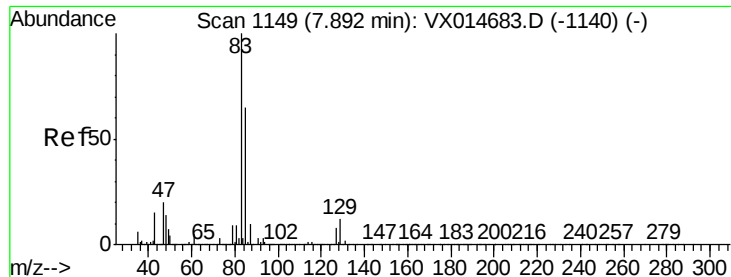
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 112.7 90.2 135.2





#47

Bromodichloromethane

Concen: 51.985 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

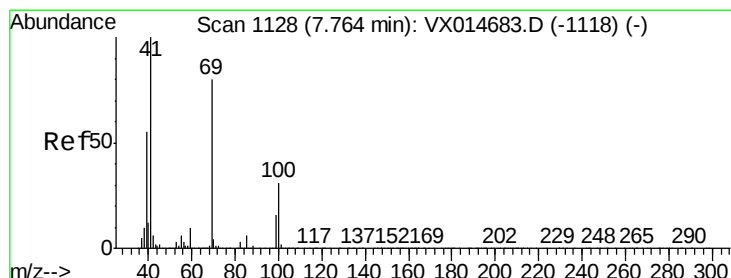
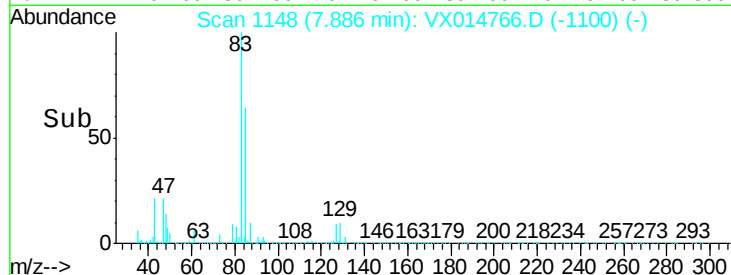
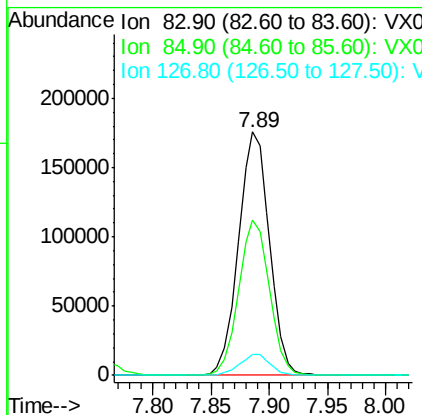
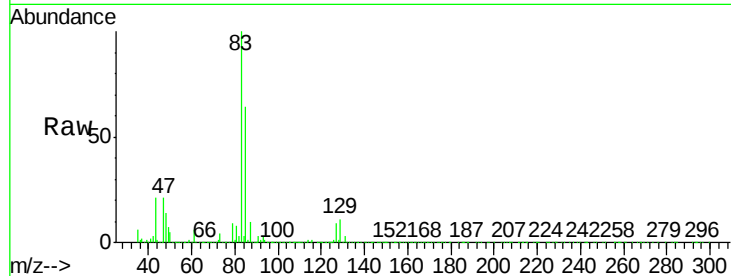
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	324276
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.2	78.2
127	8.7	6.4	9.6

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#48

Methyl methacrylate

Concen: 50.951 ug/l

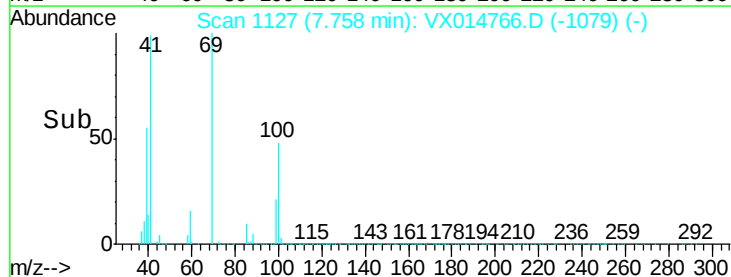
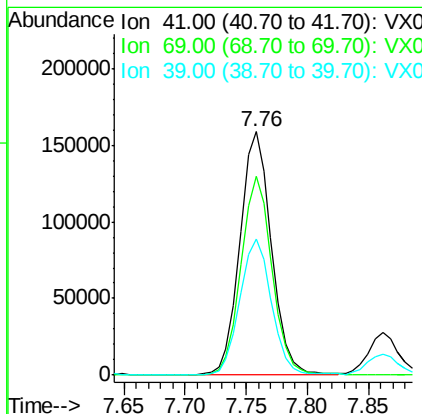
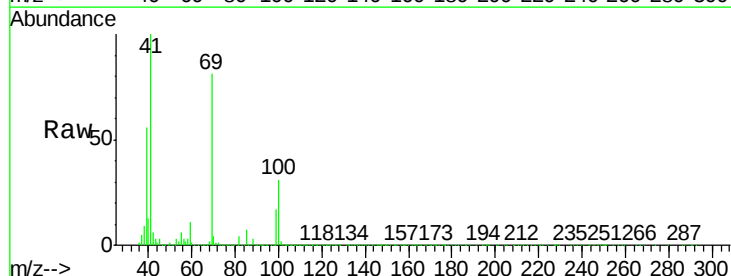
RT: 7.76 min Scan# 1127

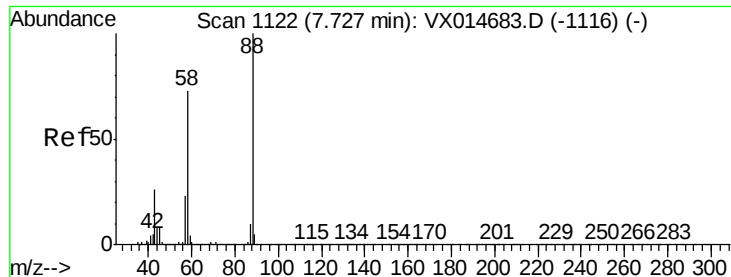
Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	41	Resp:	281675
Ion	Ratio	Lower	Upper
41	100		
69	81.0	63.5	95.3
39	56.4	43.7	65.5





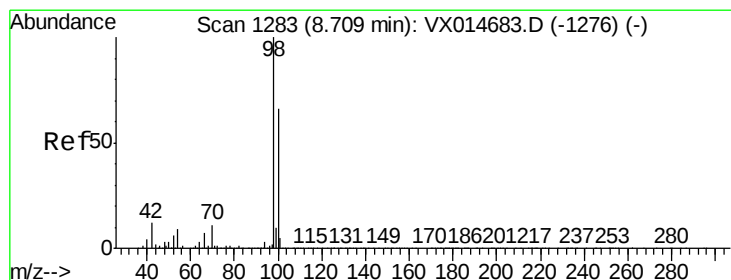
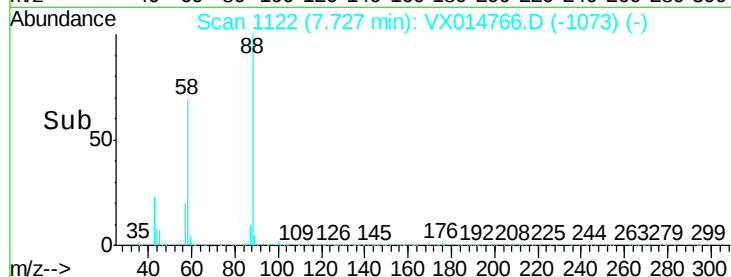
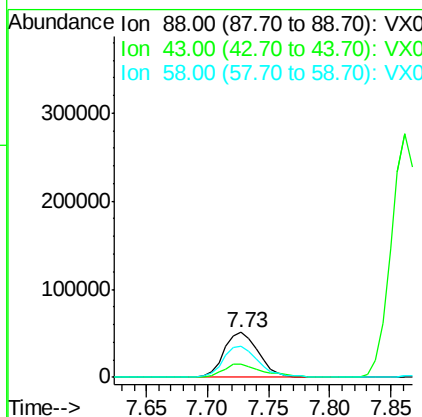
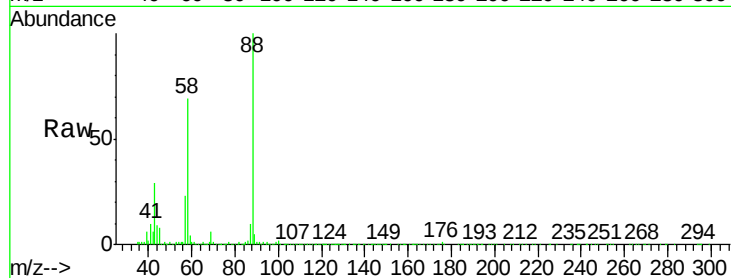
#49
1,4-Dioxane
Concen: 844.775 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.2	39.2
58	71.2	56.6	85.0

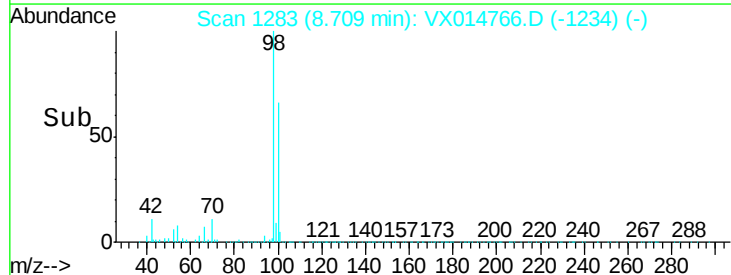
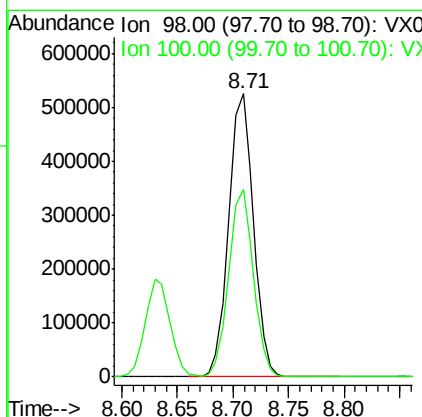
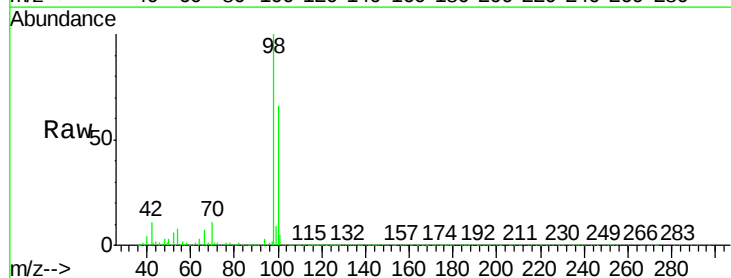
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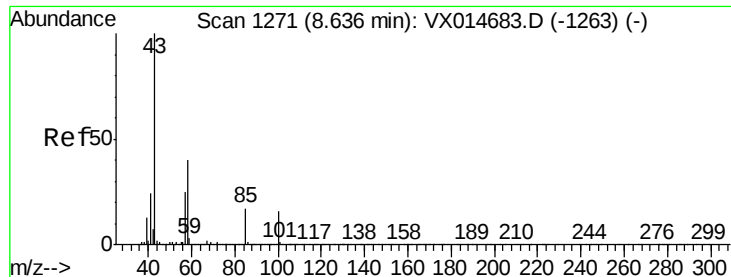
MMDadoda
1/30/2020 10:44:15 AM



#50
Toluene-d8
Concen: 50.217 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 240.754 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1758179

Ion Ratio Lower Upper

43 100

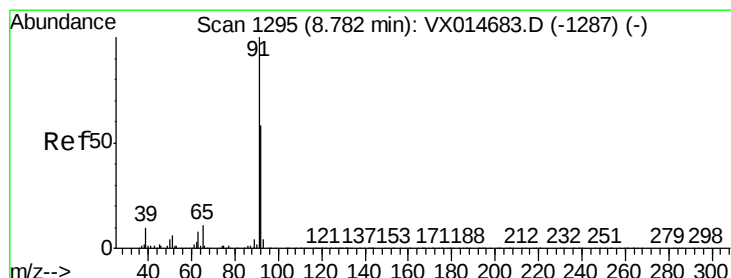
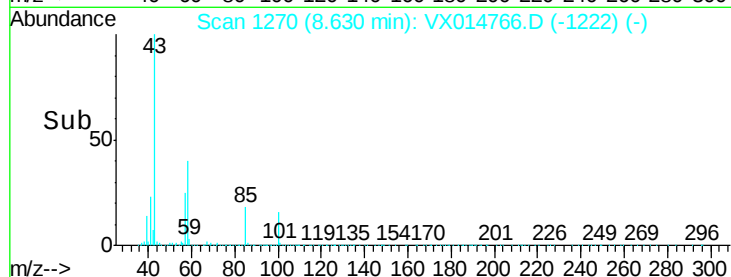
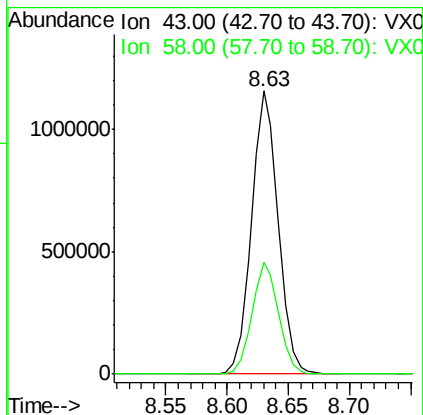
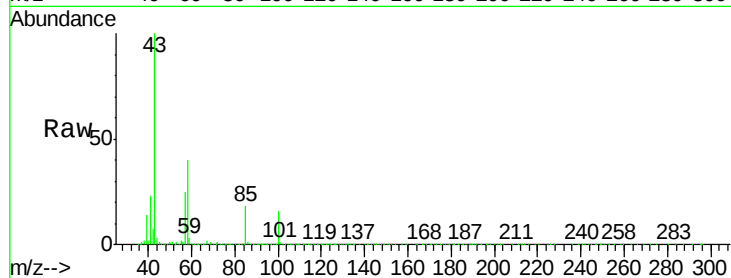
58 39.4 31.6 47.4

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#52

Toluene

Concen: 52.170 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014766.D

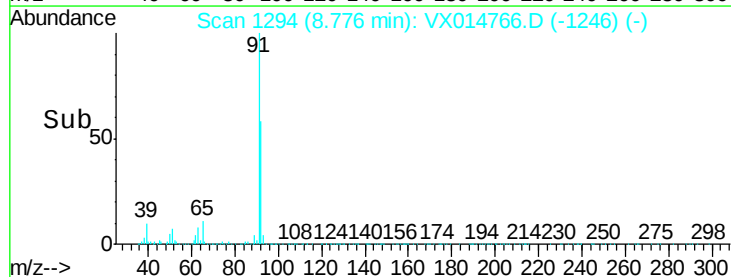
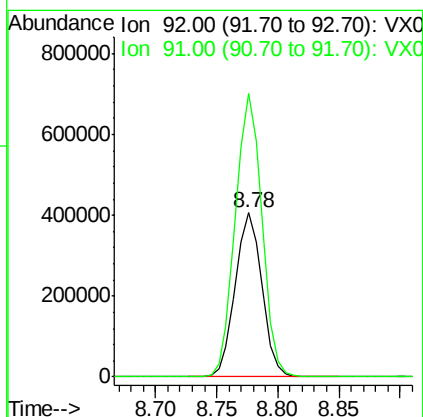
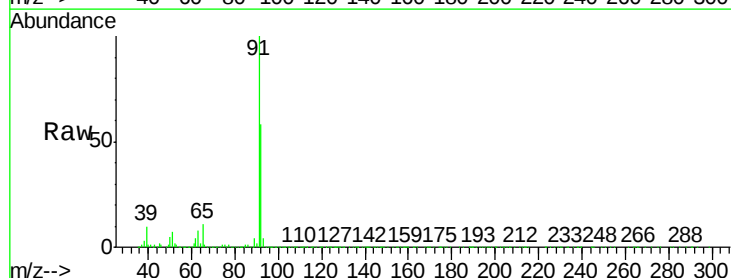
Acq: 29 Jan 2020 16:40

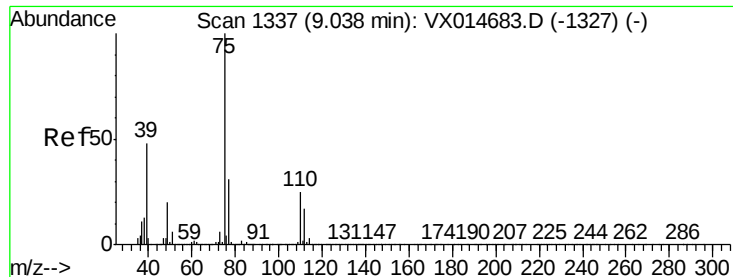
Tgt Ion: 92 Resp: 611286

Ion Ratio Lower Upper

92 100

91 172.0 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 54.099 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 363366

Ion Ratio Lower Upper

75 100

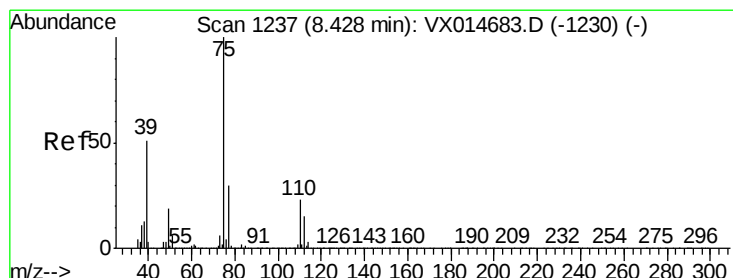
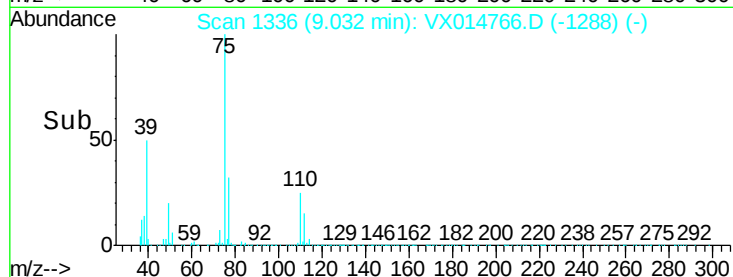
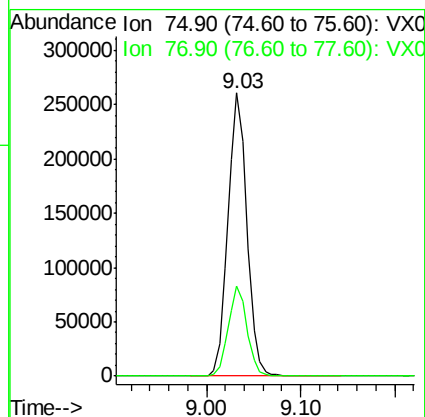
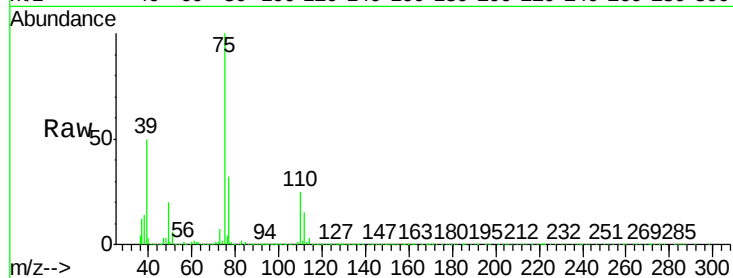
77 31.7 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 54.440 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

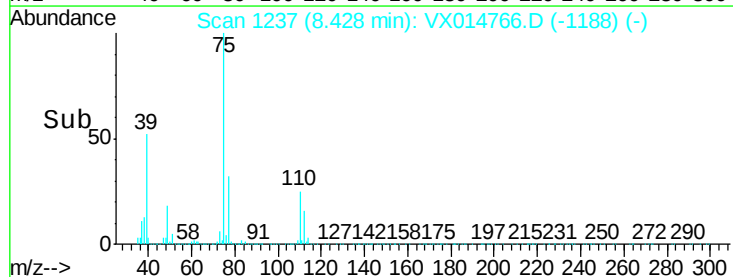
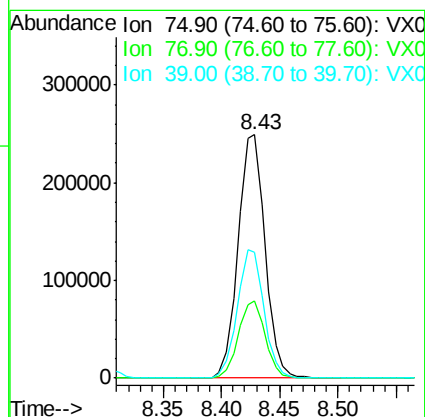
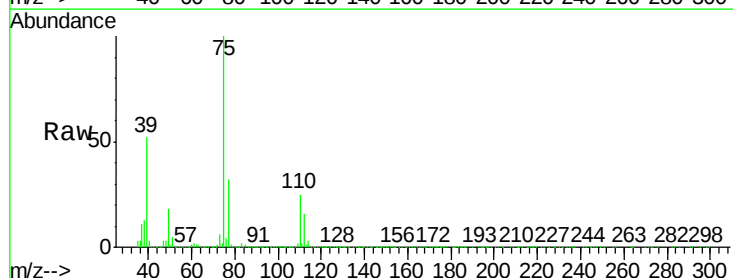
Tgt Ion: 75 Resp: 402261

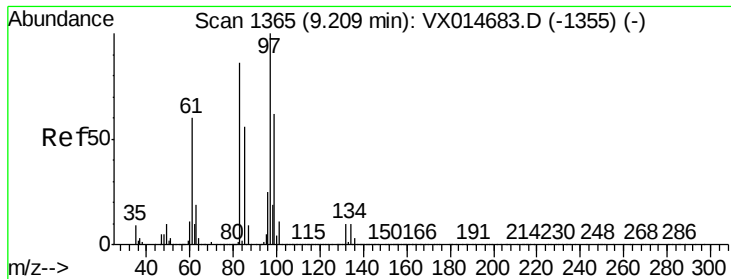
Ion Ratio Lower Upper

75 100

77 31.6 23.9 35.9

39 51.5 40.9 61.3





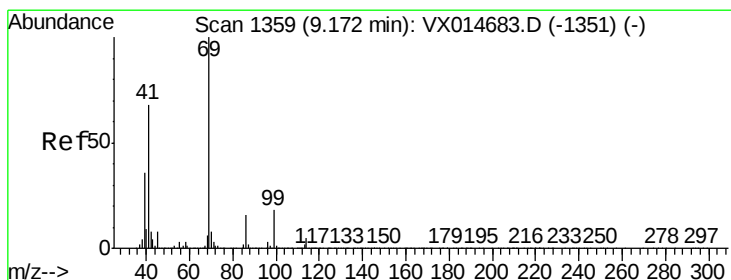
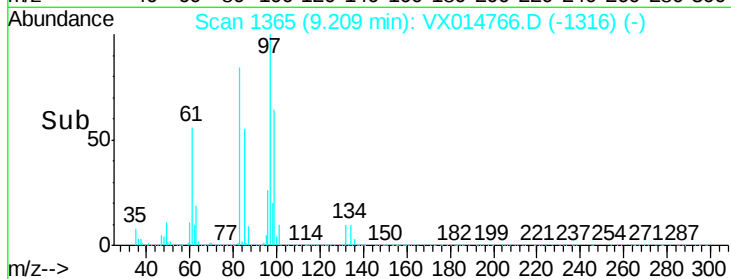
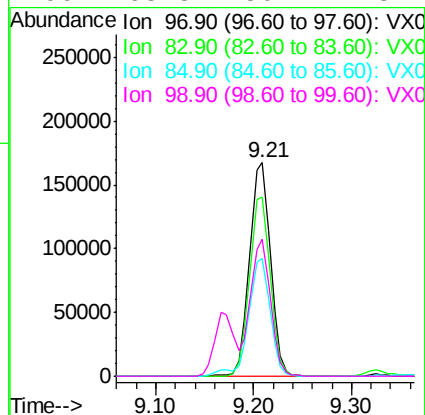
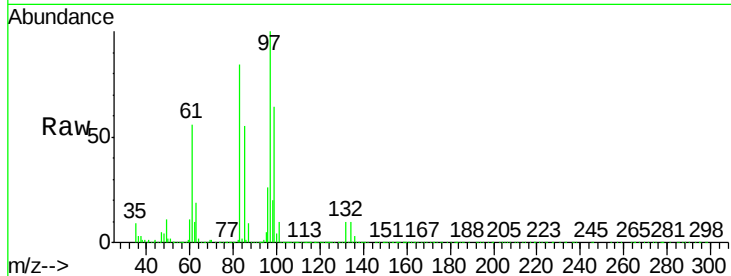
#55
 1,1,2-Trichloroethane
 Concen: 52.310 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		250949		
83	84.2	69.2	103.8		
85	54.7	44.6	67.0		
99	63.8	50.1	75.1		

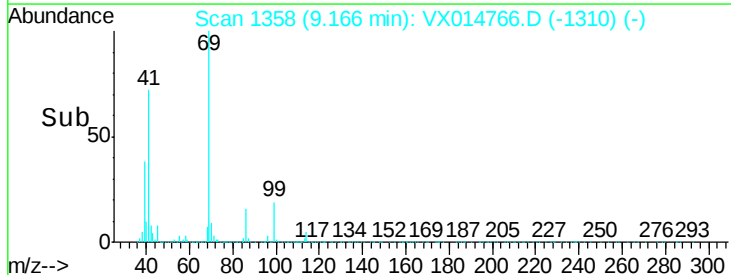
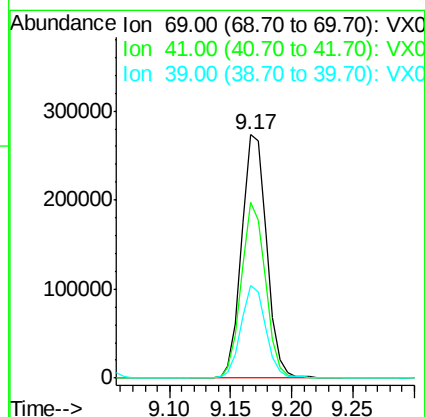
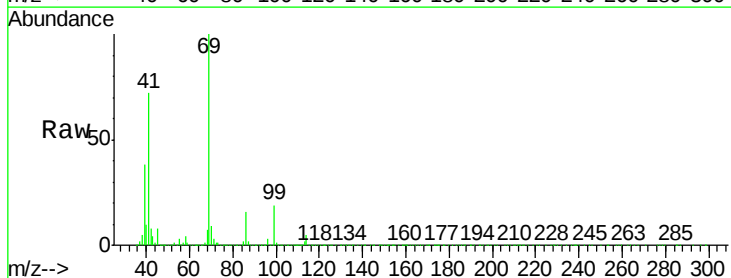
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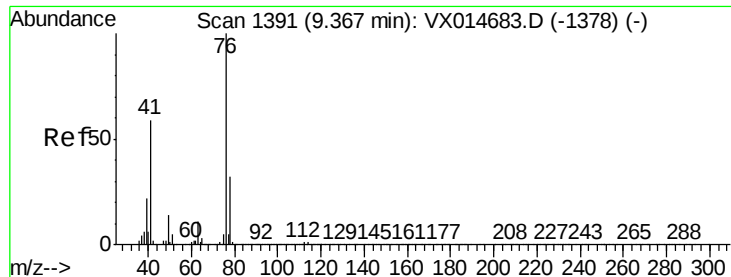
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#56
 Ethyl methacrylate
 Concen: 47.442 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		385074		
41	69.4	54.9	82.3		
39	37.2	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 50.881 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 417266

Ion Ratio Lower Upper

76 100

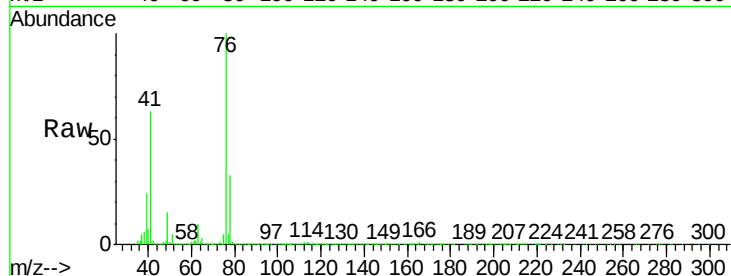
78 32.2 26.0 39.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

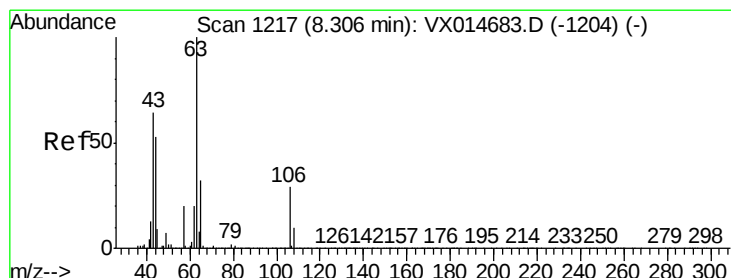
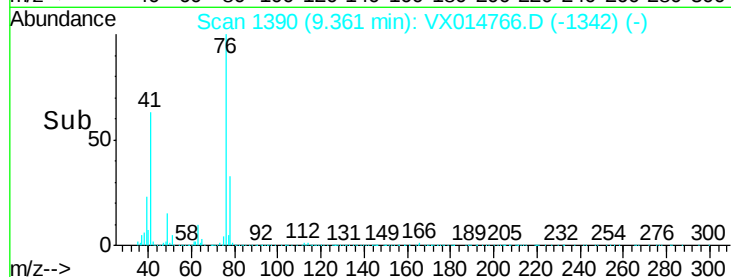
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 272.038 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014766.D

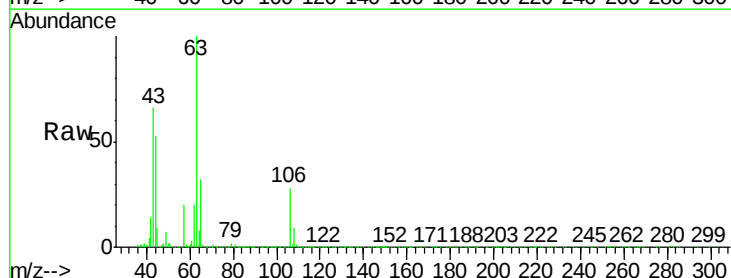
Acq: 29 Jan 2020 16:40

Tgt Ion: 63 Resp: 656322

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

500000

400000

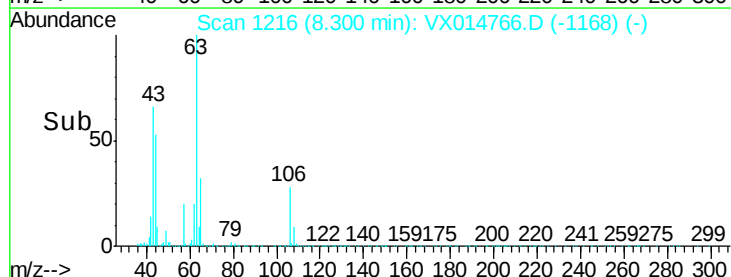
300000

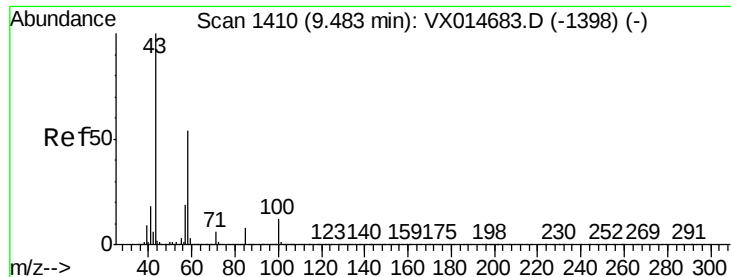
200000

100000

0

Time-->





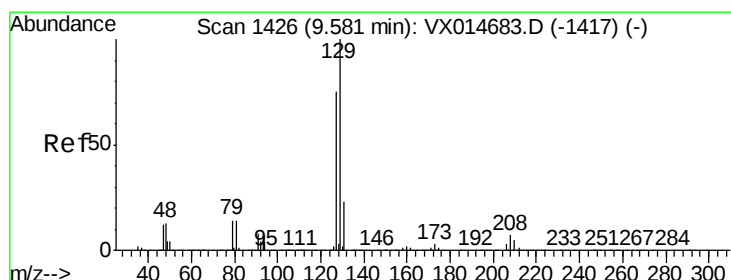
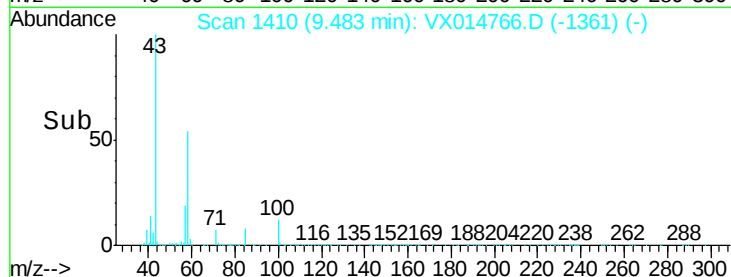
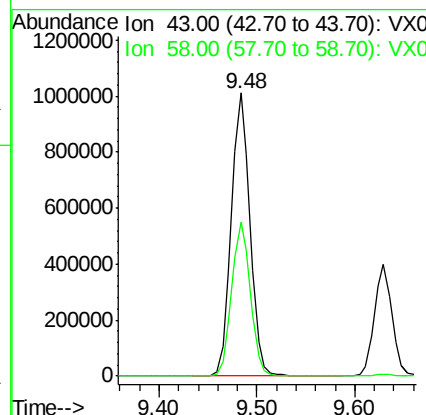
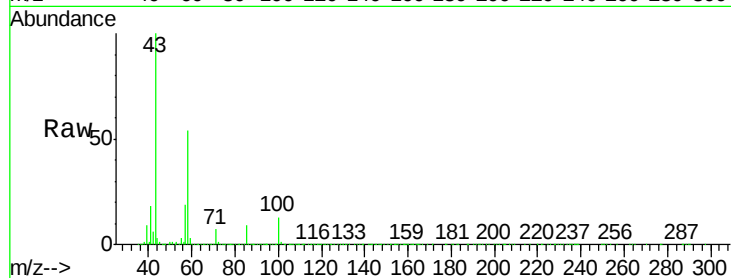
#59
2-Hexanone
Concen: 236.821 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1342031
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

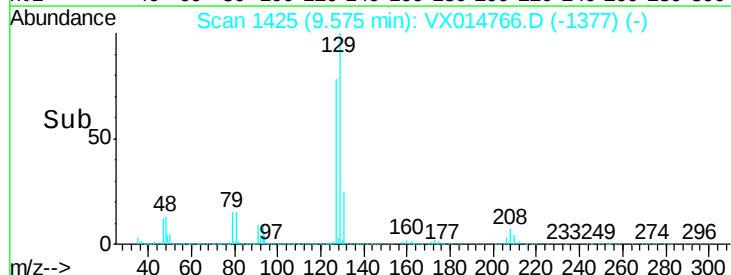
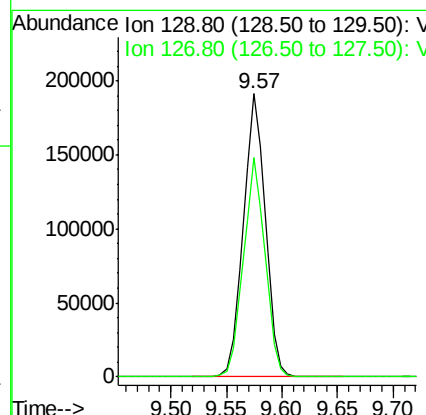
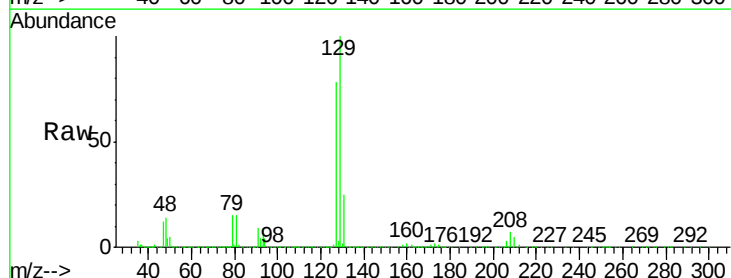
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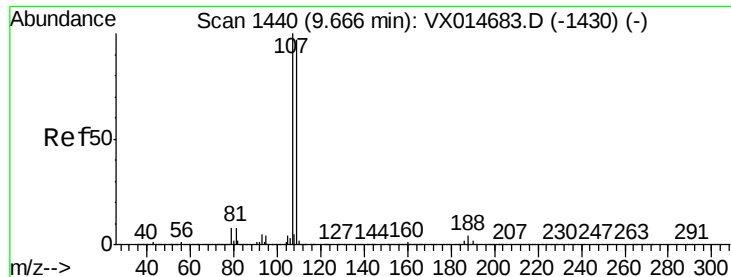
MMDadoda
1/30/2020 10:44:15 AM



#60
Dibromochloromethane
Concen: 52.306 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 129 Resp: 261917
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





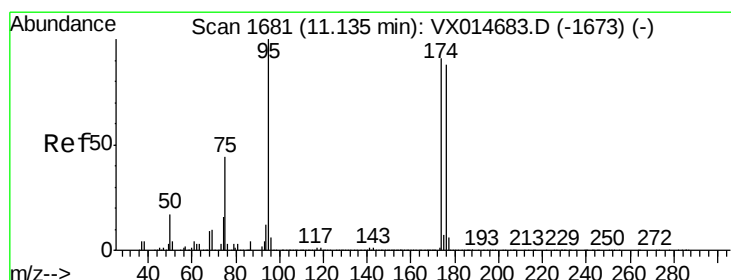
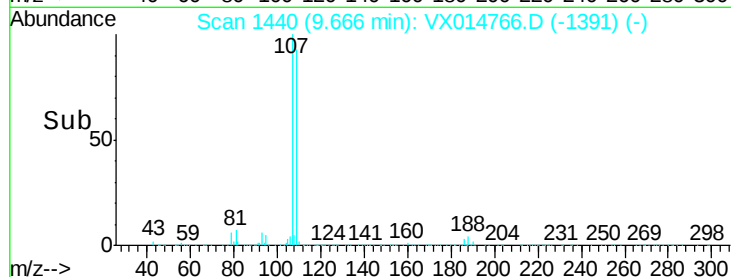
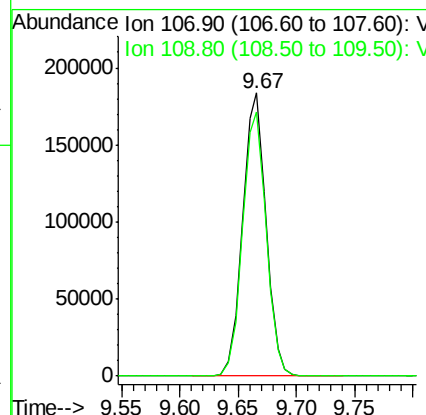
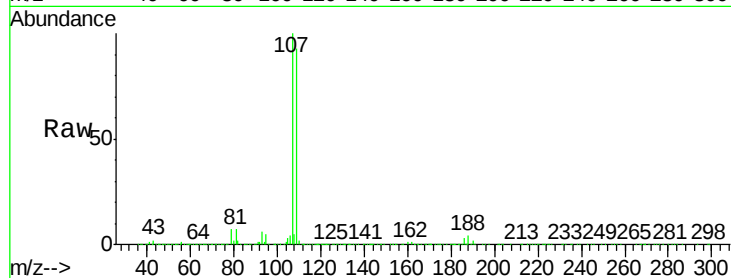
#61
 1,2-Dibromoethane
 Concen: 50.821 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.2	114.2

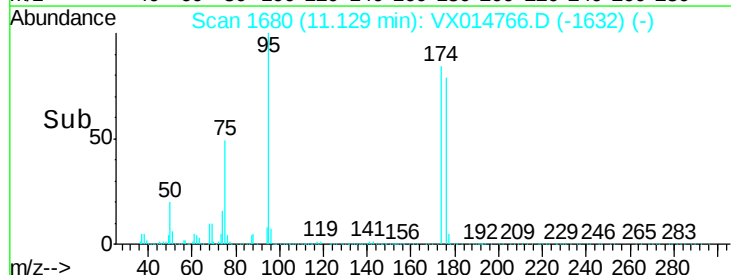
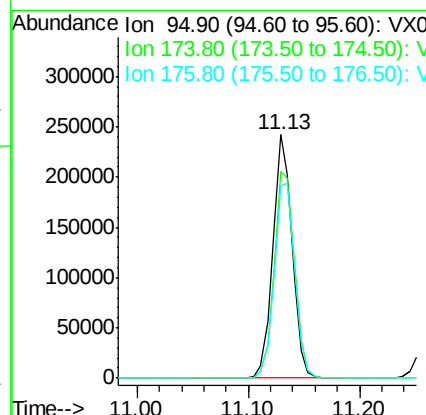
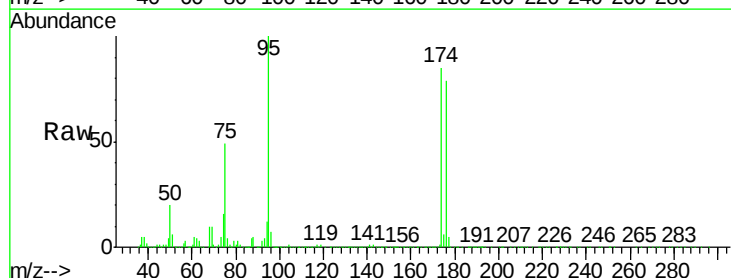
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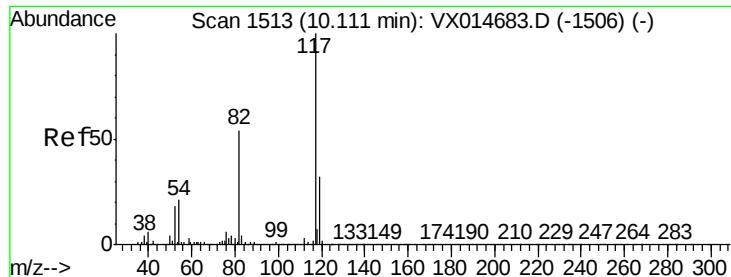
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.994 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	176.0
176	85.8	0.0	172.2





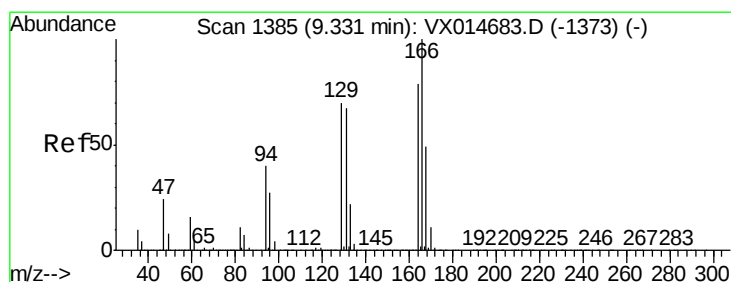
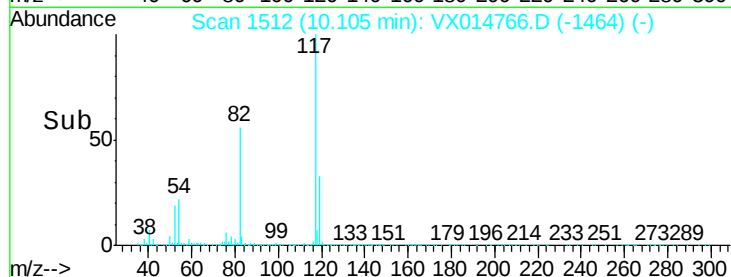
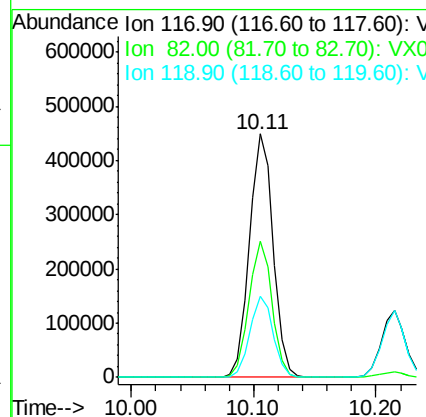
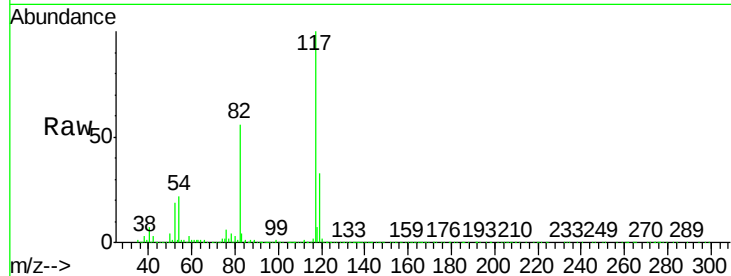
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.2	64.8
119	33.2	25.8	38.6

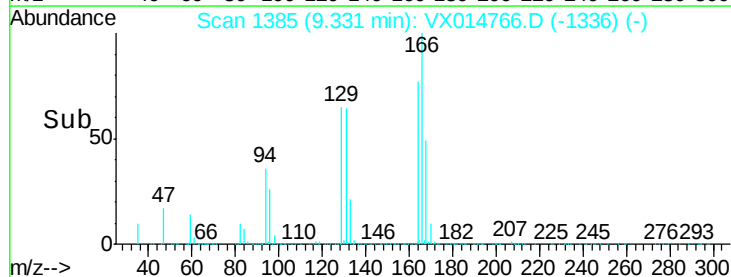
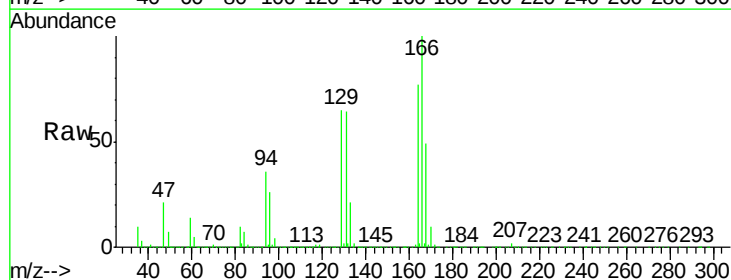
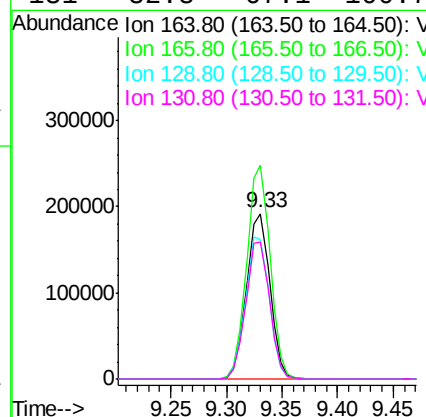
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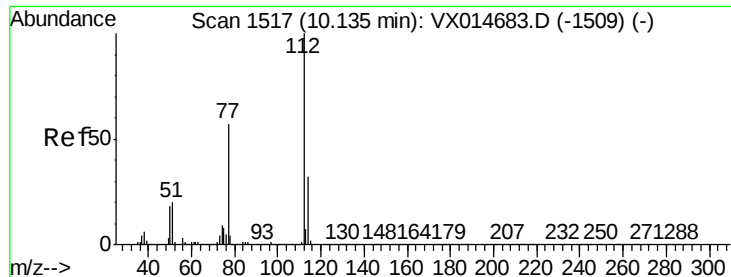
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#64
Tetrachloroethene
Concen: 47.067 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.9	151.3
129	84.4	71.0	106.6
131	82.8	67.1	100.7





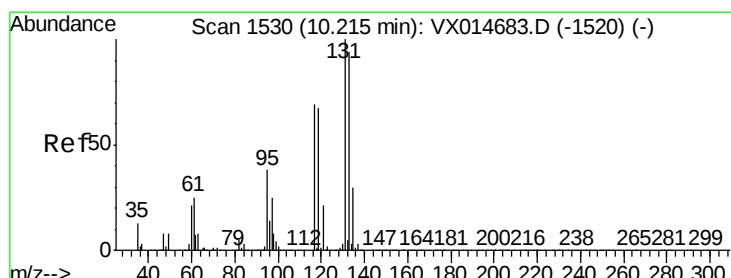
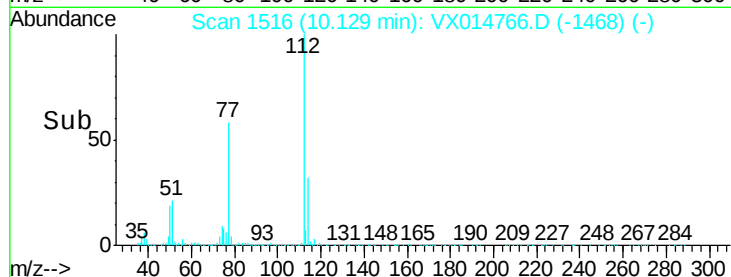
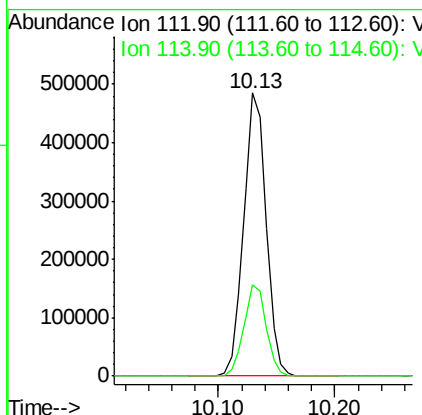
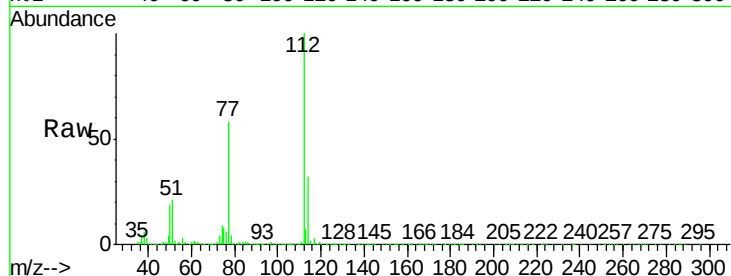
#65
Chlorobenzene
Concen: 50.863 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8

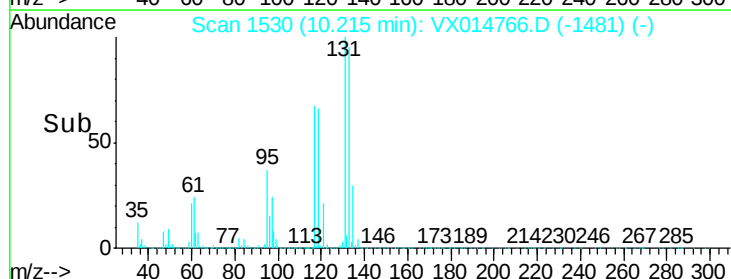
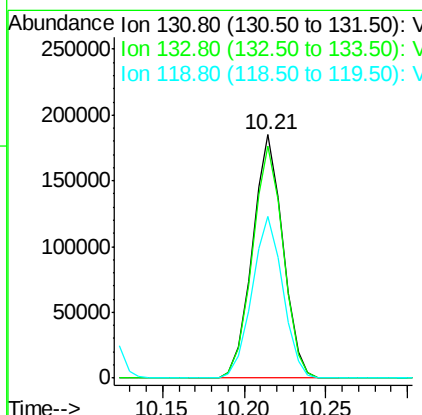
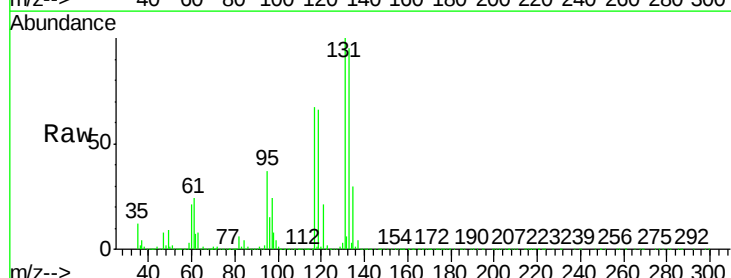
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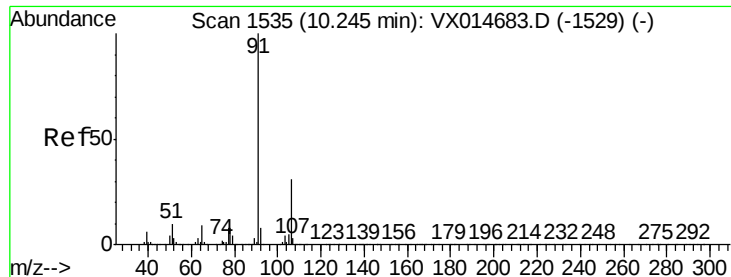
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.630 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.4	142.3
119	67.1	33.3	99.8





#67

Ethyl Benzene

Concen: 53.510 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 1177729

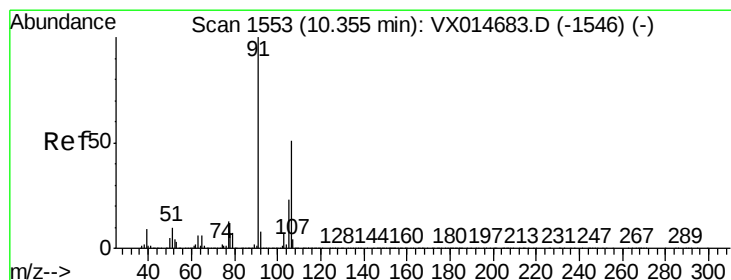
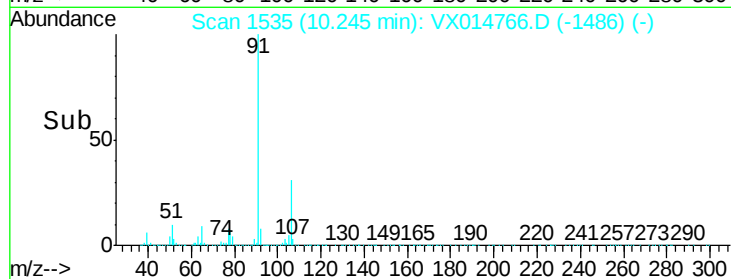
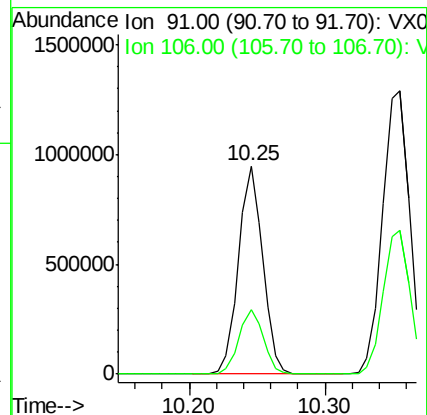
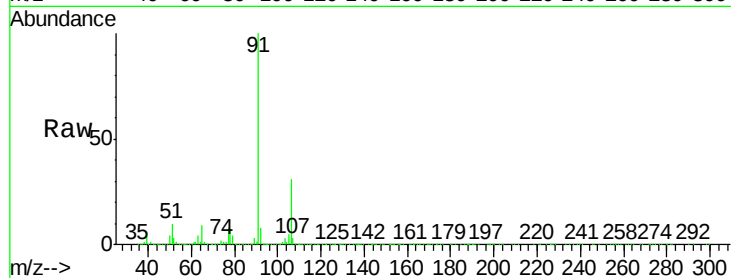
Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 108.015 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014766.D

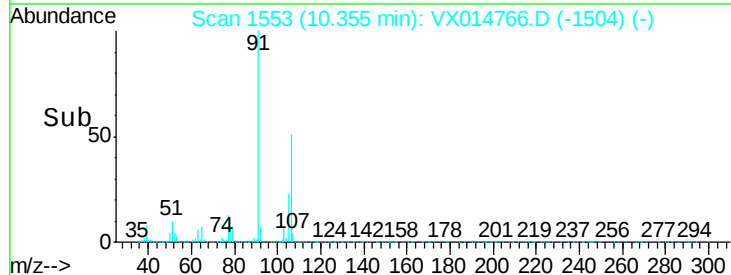
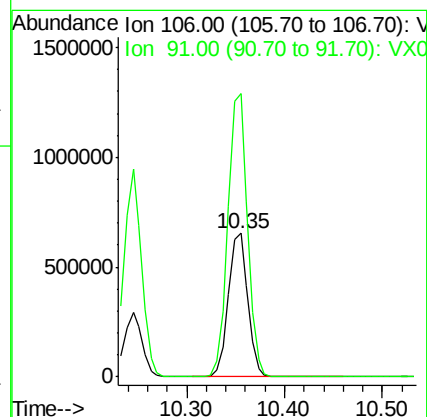
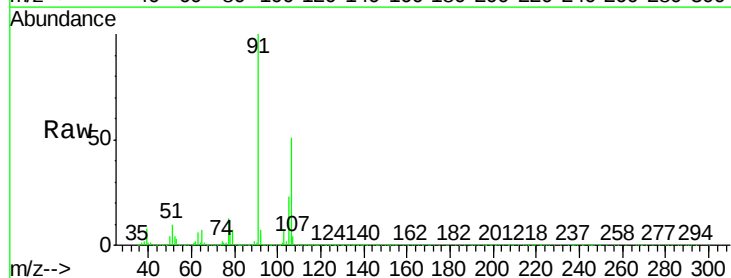
Acq: 29 Jan 2020 16:40

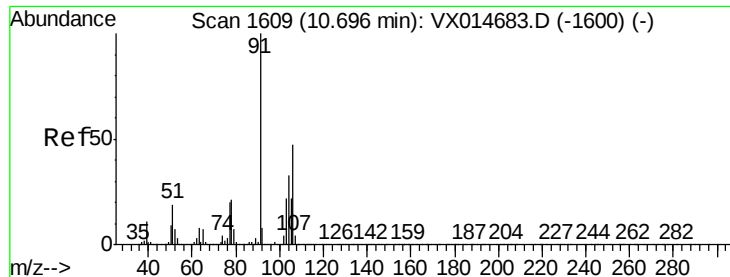
Tgt Ion: 106 Resp: 900656

Ion Ratio Lower Upper

106 100

91 199.4 159.4 239.2





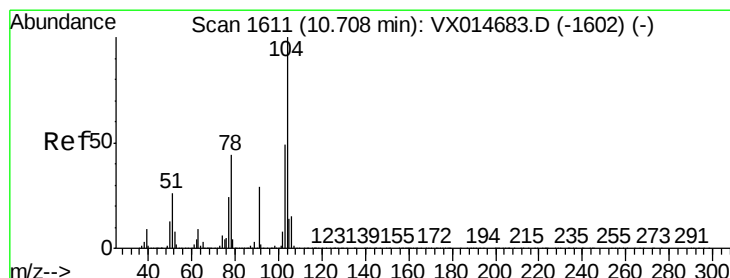
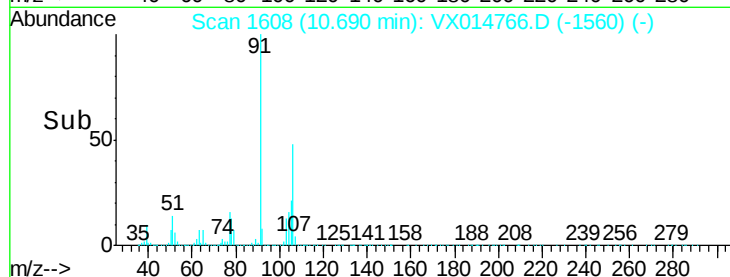
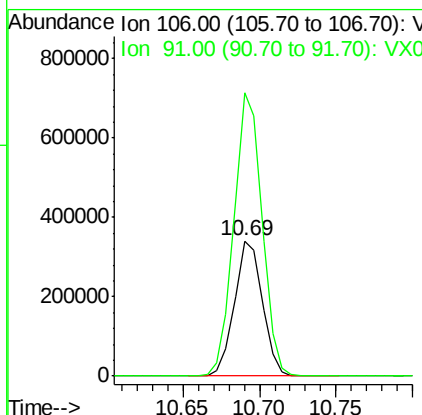
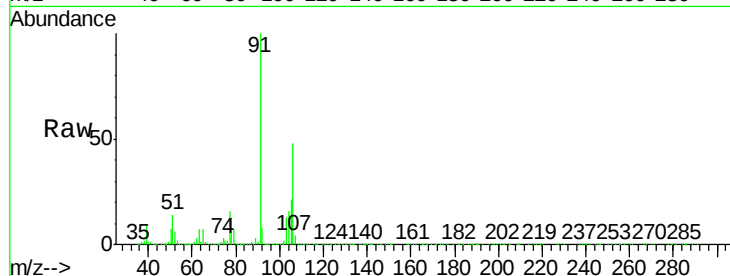
#69
o-Xylene
Concen: 53.694 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.2	106.2	318.6

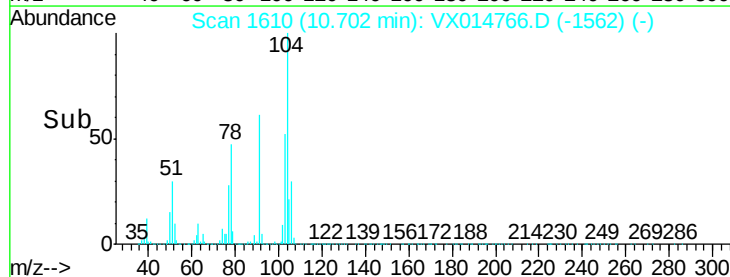
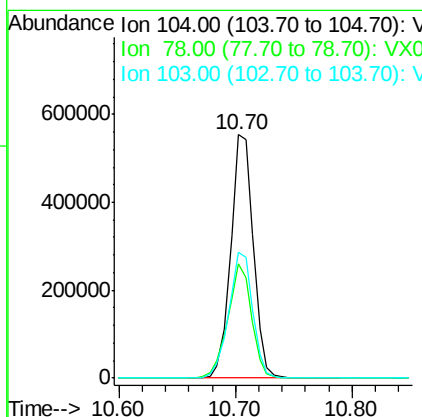
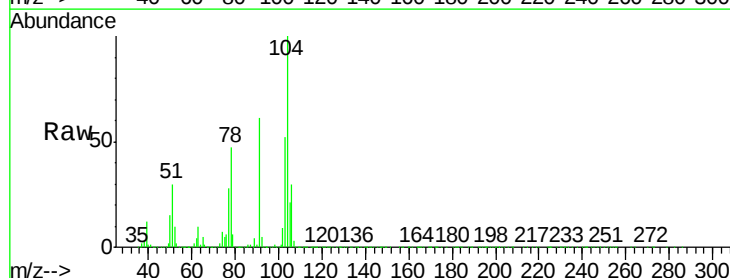
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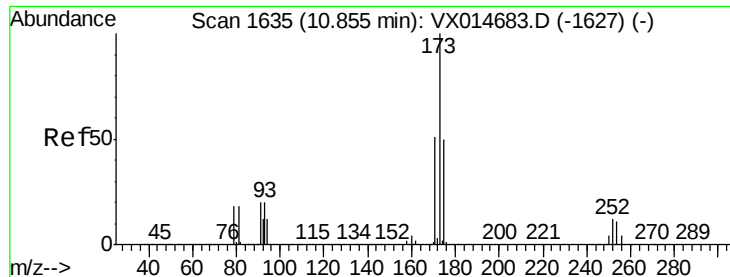
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#70
Styrene
Concen: 55.402 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.3	58.9
103	54.7	43.5	65.3





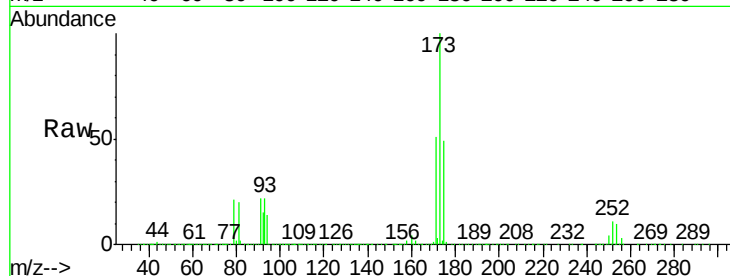
#71
Bromoform
Concen: 52.791 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.6
254	0.2	0.1	0.1#

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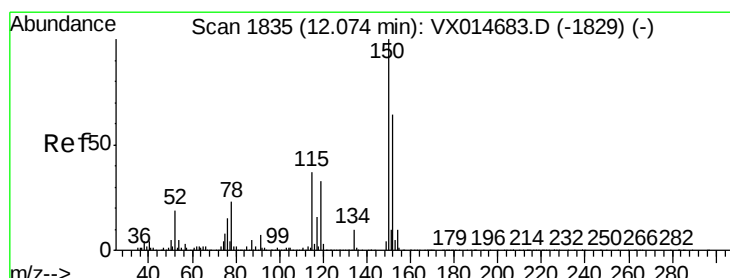
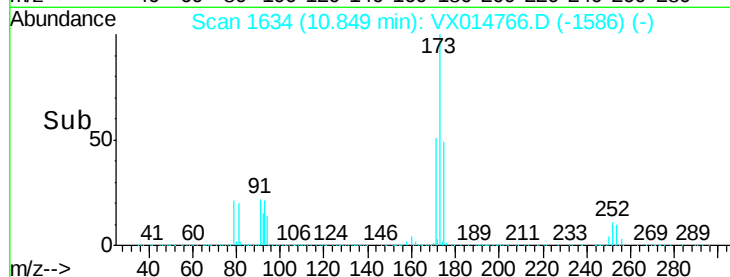
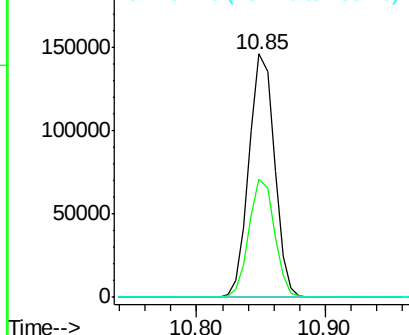


Abundance

Ion 172.70 (172.40 to 173.40): V

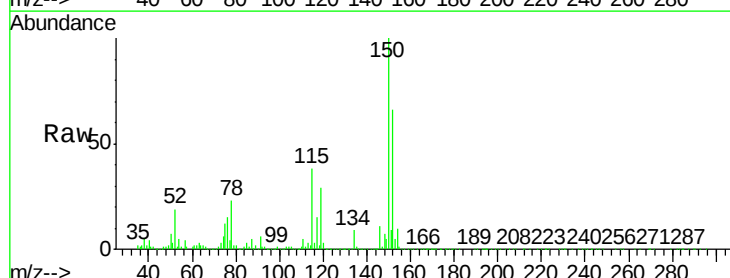
Ion 174.70 (174.40 to 175.40): V

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: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.8	39.4	118.1
150	170.8	0.0	351.2

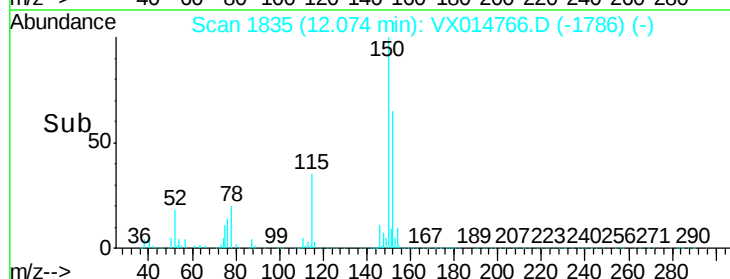
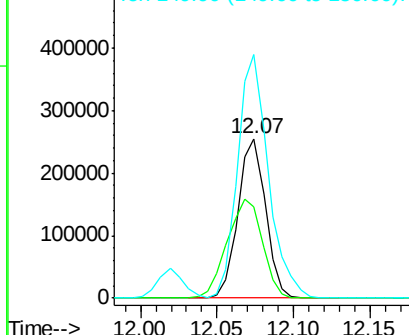


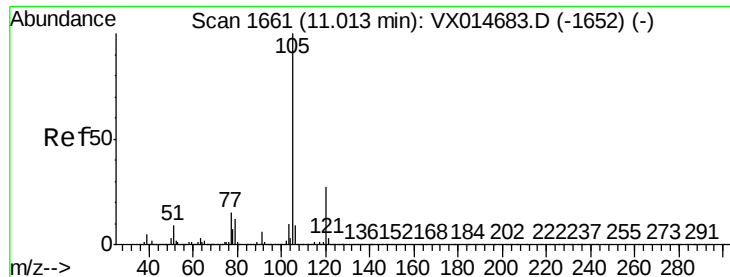
Abundance

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: 52.191 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 105 Resp: 1168837

Ion Ratio Lower Upper

105 100

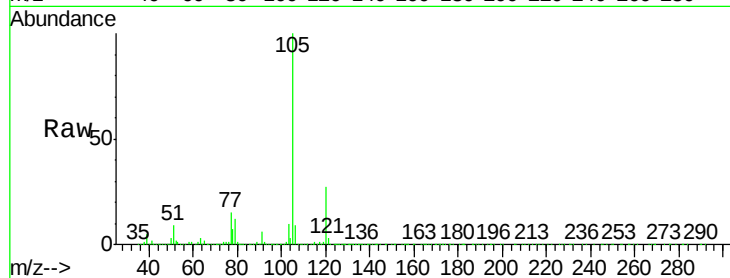
120 27.0 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

1000000

800000

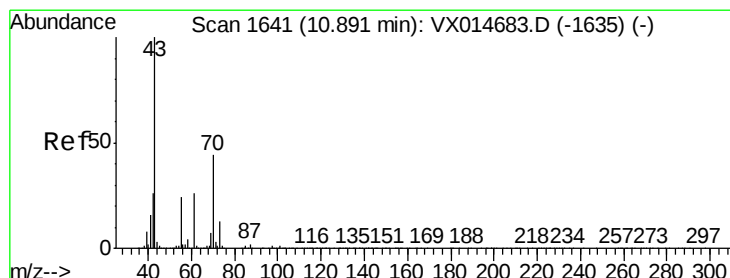
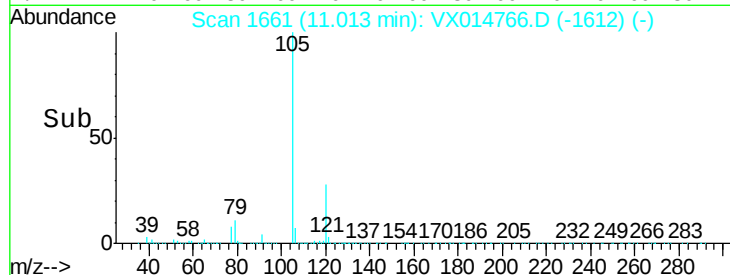
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.127 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion: 43 Resp: 501748

Ion Ratio Lower Upper

43 100

70 42.7 34.6 52.0

55 24.2 19.4 29.2

61 24.4 19.8 29.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

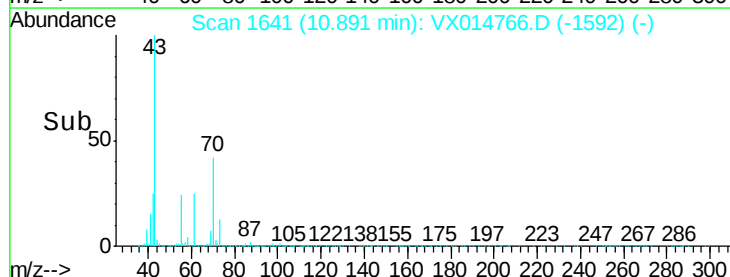
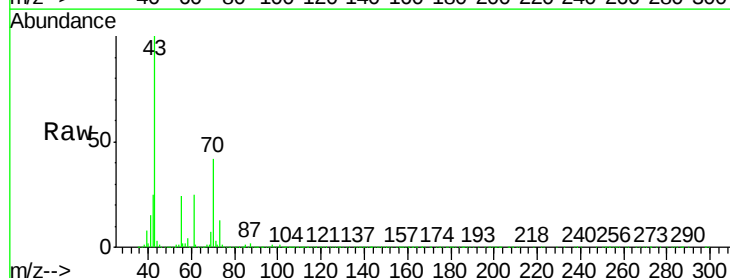
600000

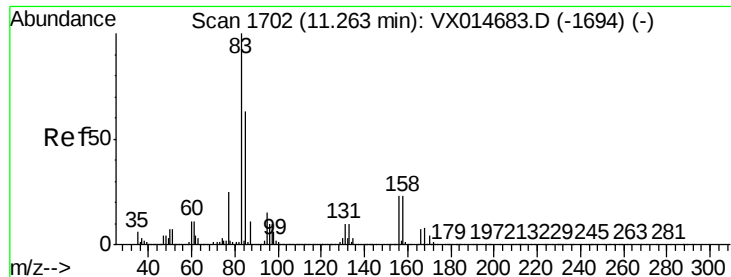
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.532 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

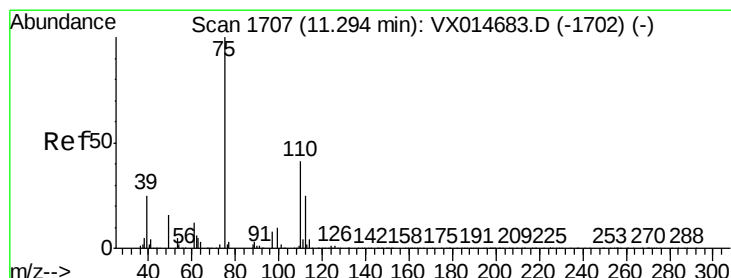
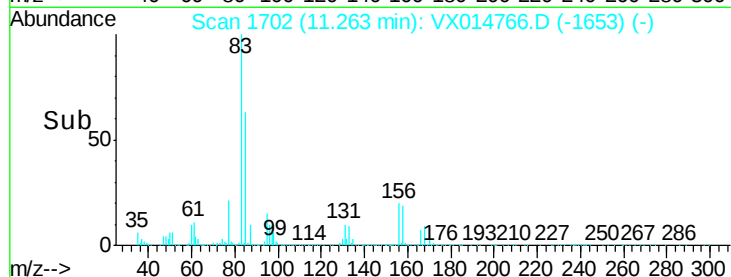
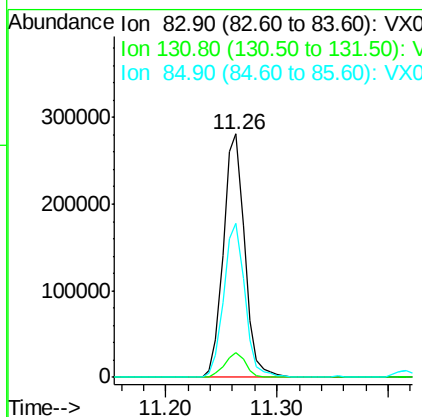
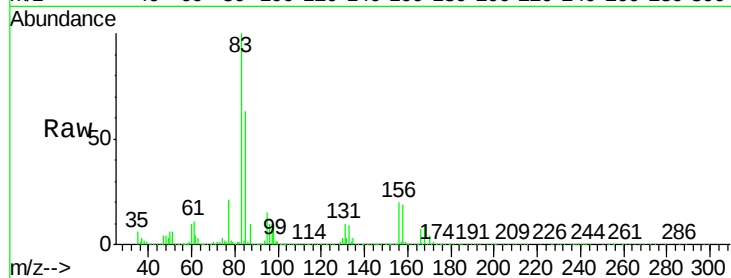
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	372073
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	62.9	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 42.395 ug/l m

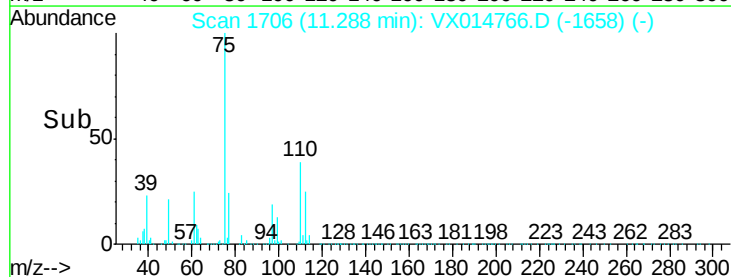
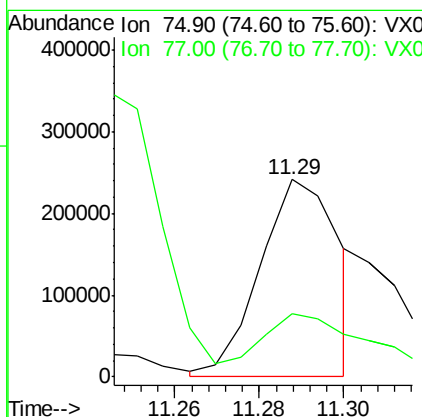
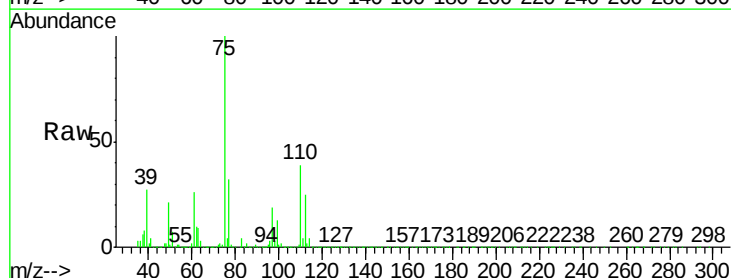
RT: 11.29 min Scan# 1706

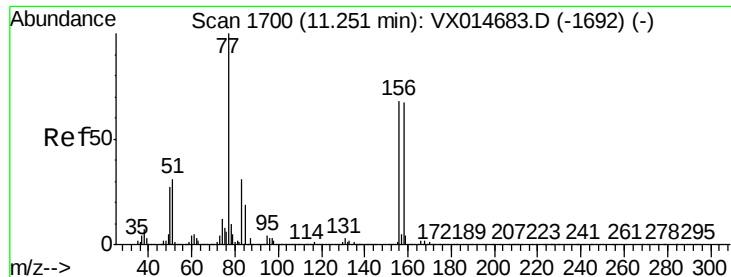
Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	75	Resp:	314160
Ion Ratio	Lower	Upper	
75	100		
77	43.9	18.7	56.1





#77

Bromobenzene

Concen: 49.782 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

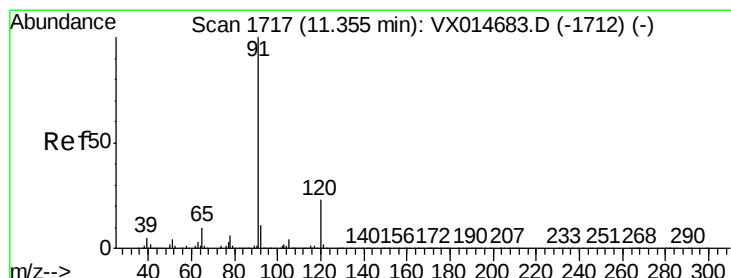
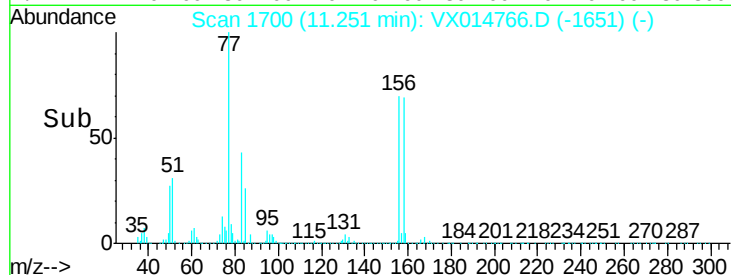
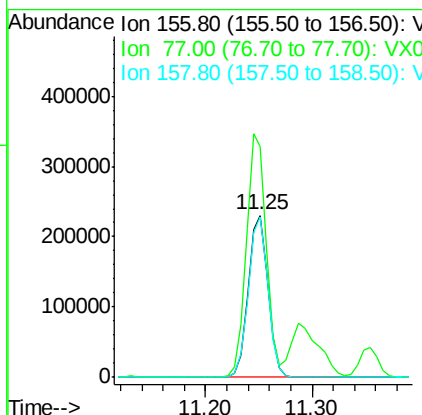
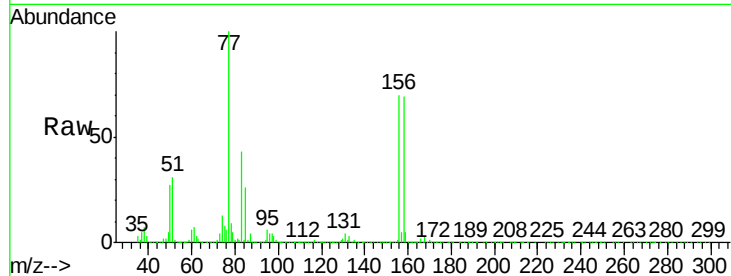
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	299506
Ion Ratio	Lower	Upper	
156	100		
77	151.3	77.5	232.5
158	98.1	49.1	147.3

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#78

n-propylbenzene

Concen: 52.812 ug/l

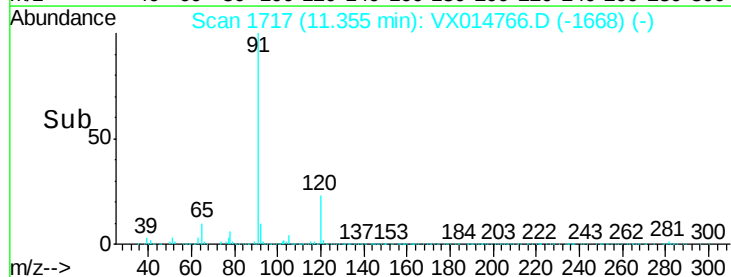
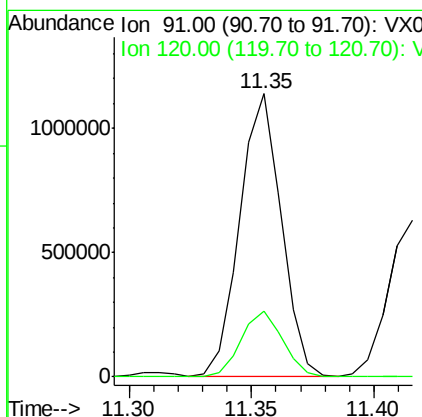
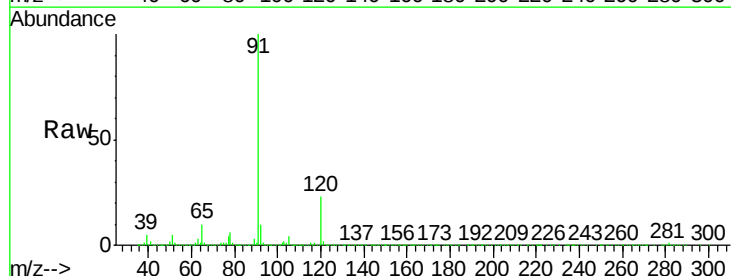
RT: 11.35 min Scan# 1717

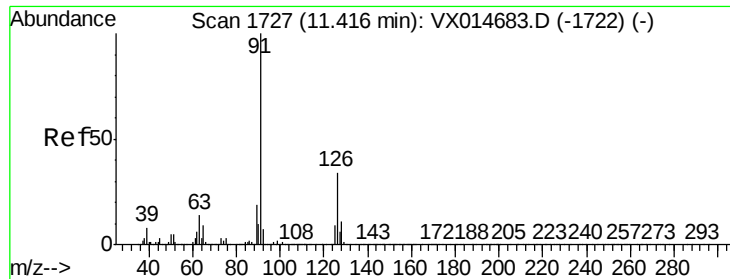
Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	91	Resp:	1342518
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





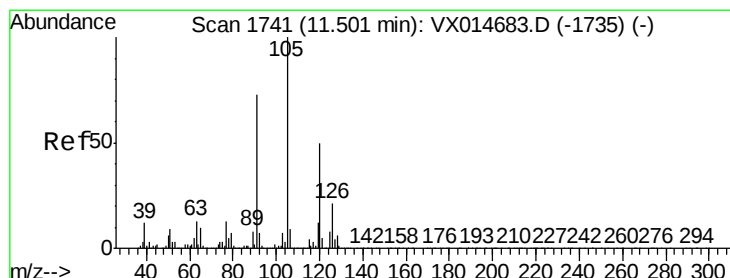
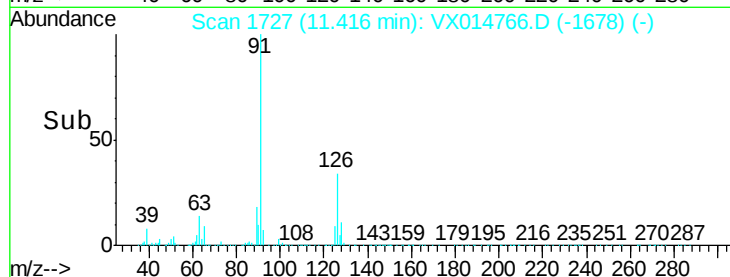
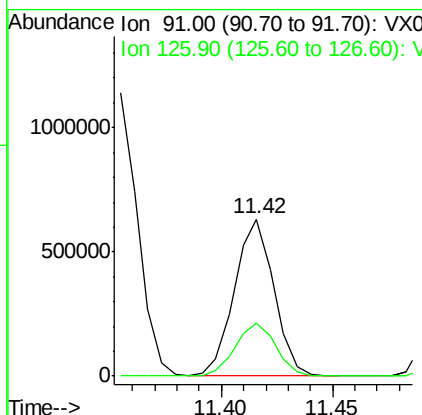
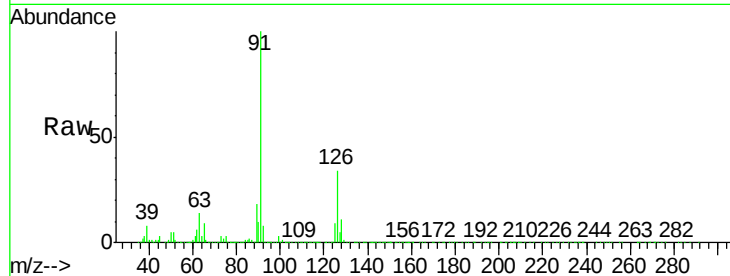
#79
 2-Chlorotoluene
 Concen: 50.560 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 777664
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 51.9

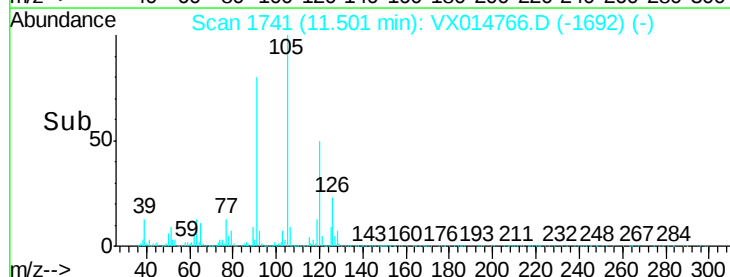
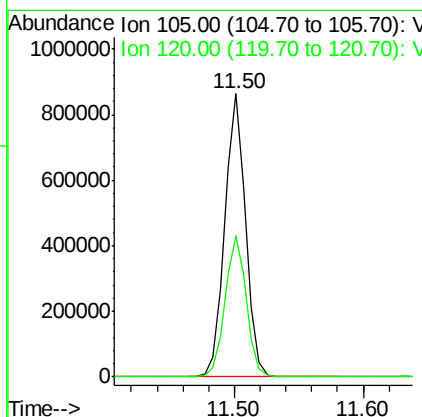
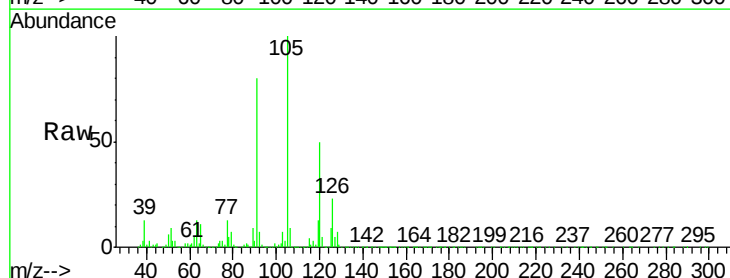
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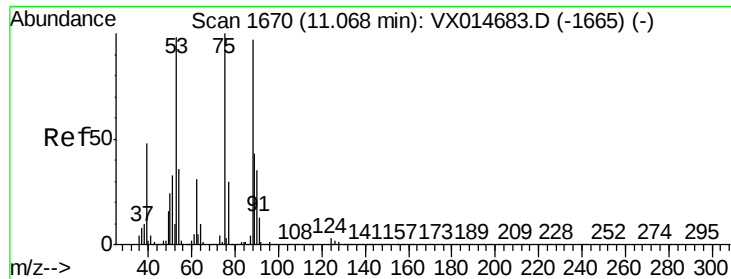
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.832 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion: 105 Resp: 982008
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.6





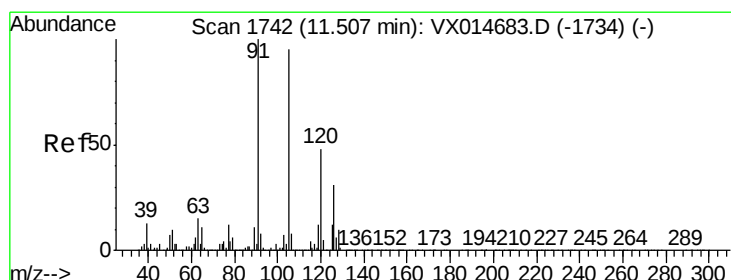
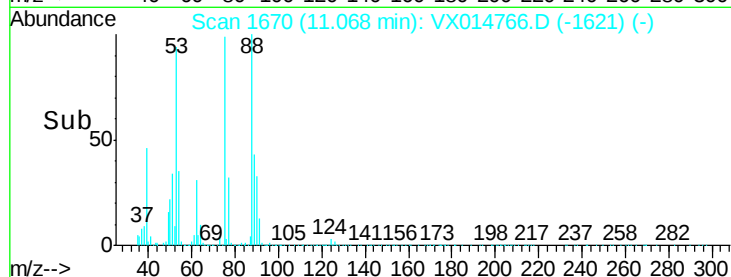
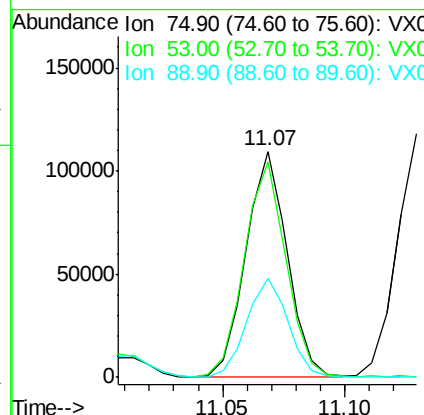
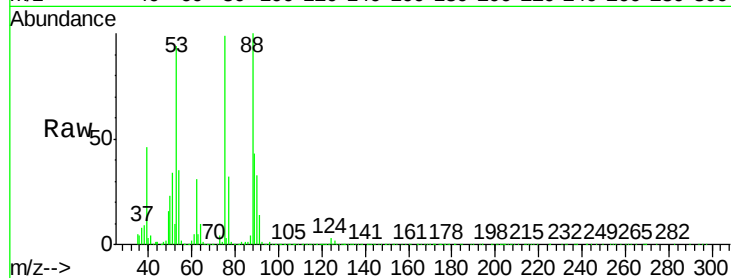
#81
trans-1,4-Dichloro-2-butene
Concen: 49.350 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	78.8	118.2
89	44.4	35.4	53.0

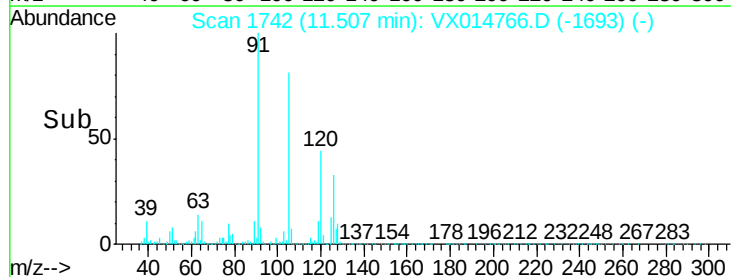
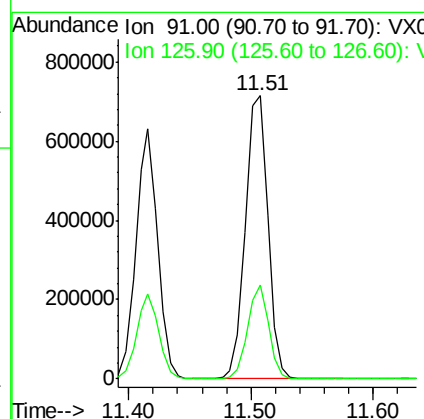
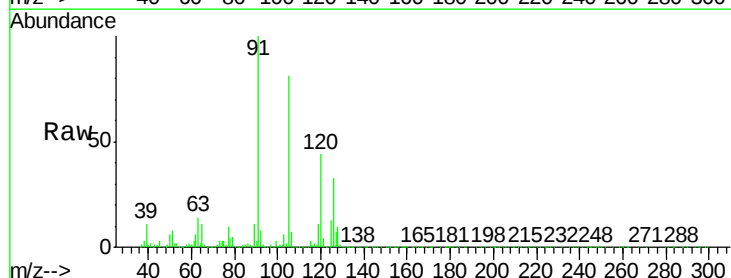
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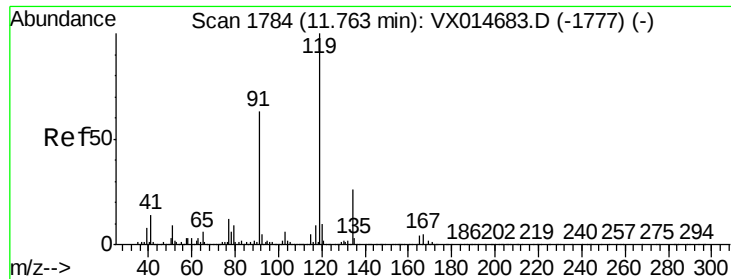
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#82
4-Chlorotoluene
Concen: 51.852 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





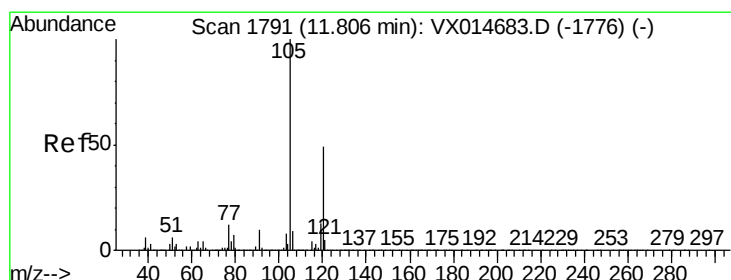
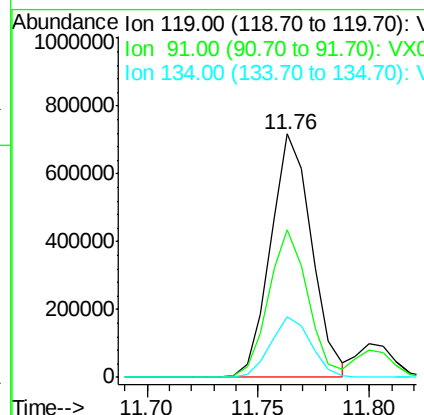
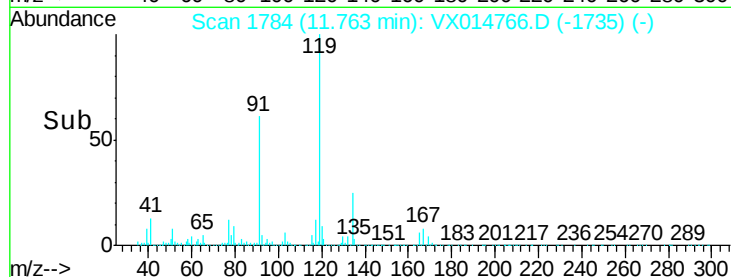
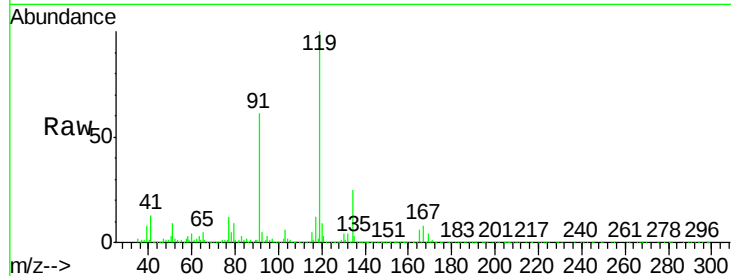
#83
tert-Butylbenzene
Concen: 52.524 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	917375		
91	58.3	30.0	90.0	
134	24.5	12.7	38.0	

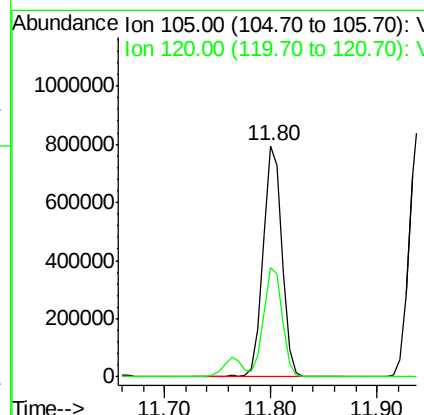
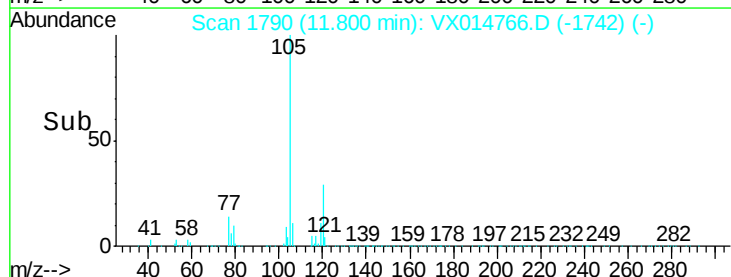
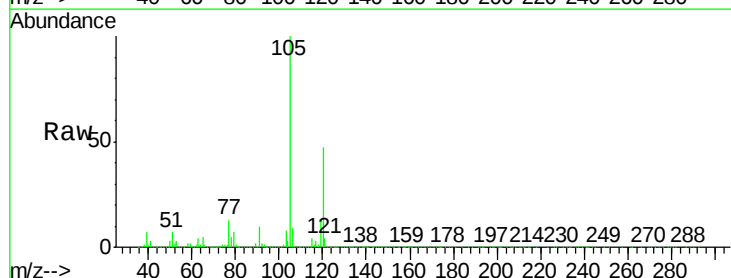
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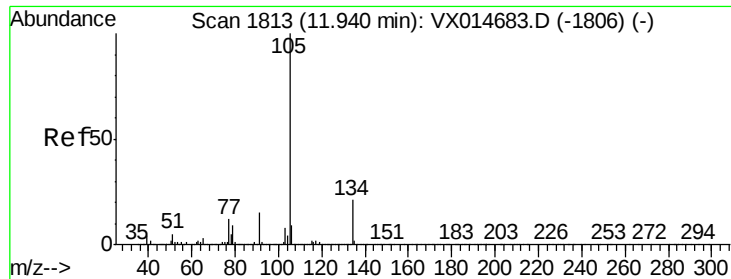
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#84
1,2,4-Trimethylbenzene
Concen: 52.907 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	986385		
120	46.5	23.4	70.0	





#85

sec-Butylbenzene

Concen: 53.749 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1150062

Ion Ratio Lower Upper

105 100

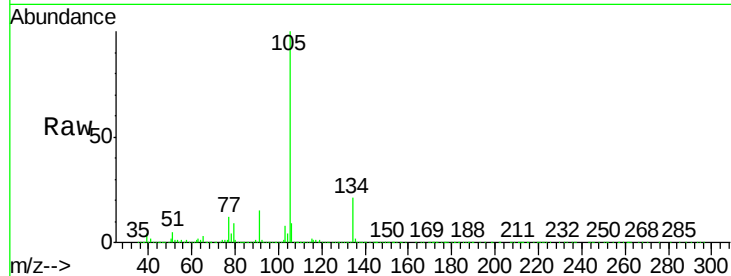
134 20.5 10.3 30.8

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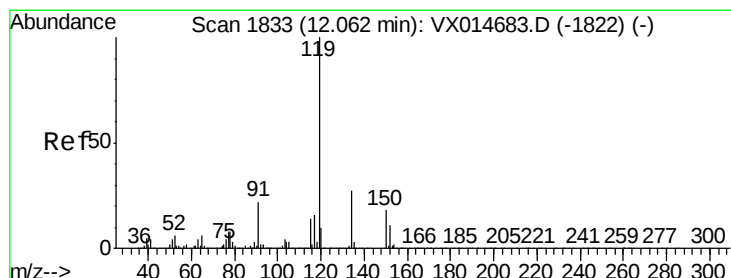
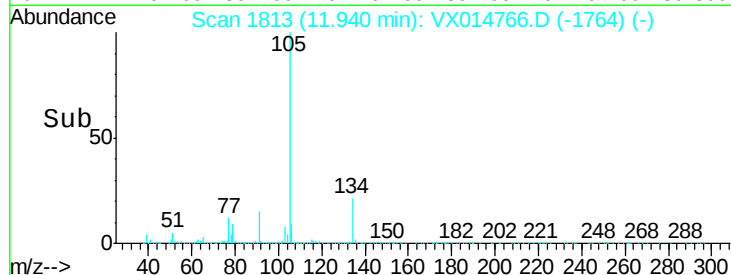
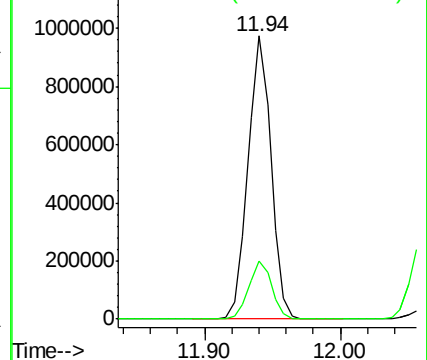
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.449 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

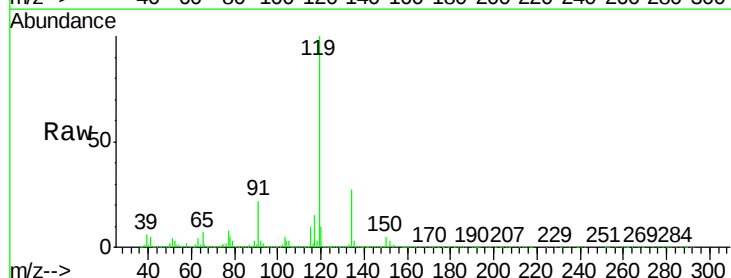
Tgt Ion:119 Resp: 1056889

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

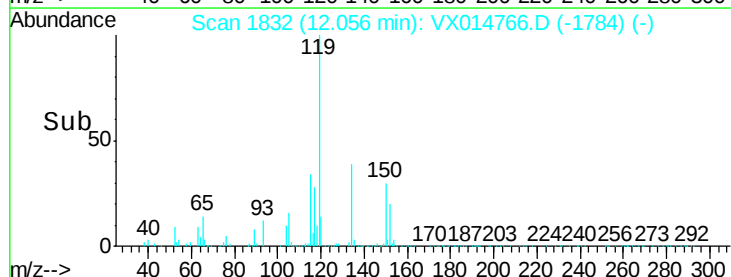
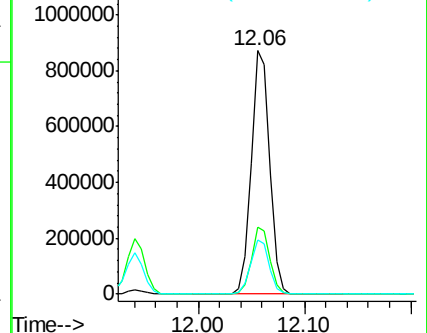
91 22.5 11.3 33.8

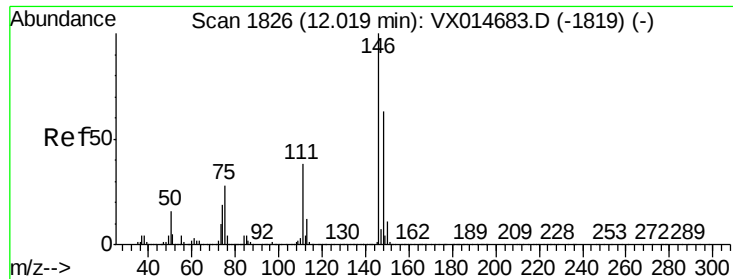


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.177 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014766.D

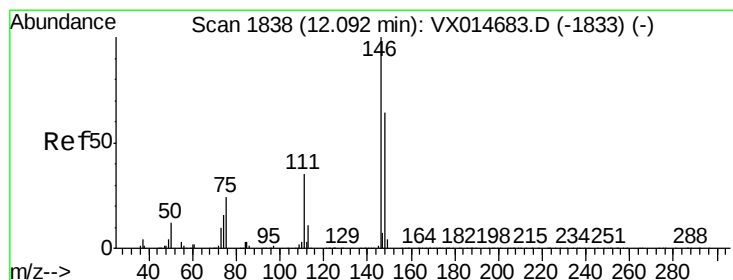
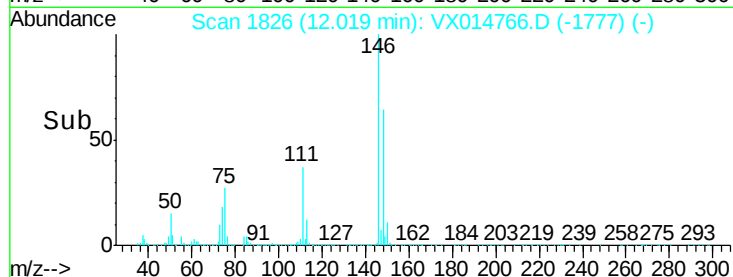
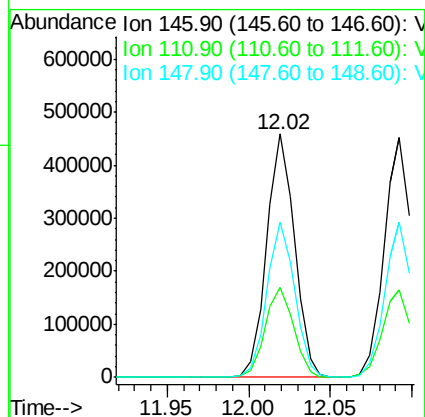
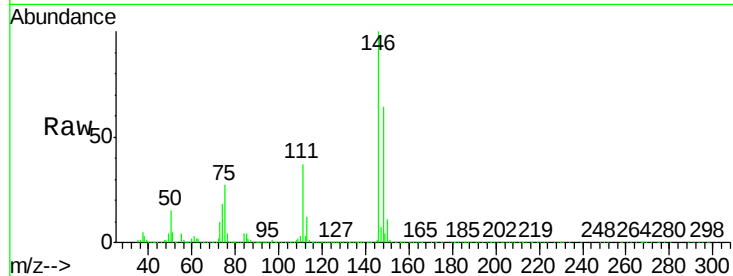
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.3	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 49.931 ug/l

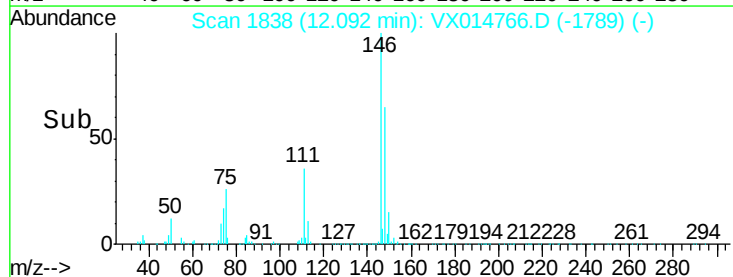
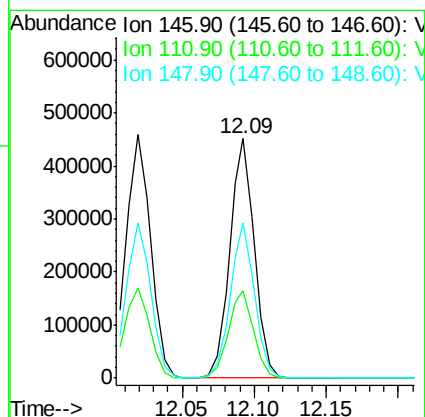
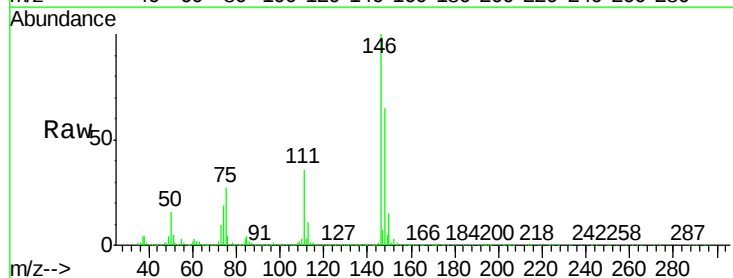
RT: 12.09 min Scan# 1838

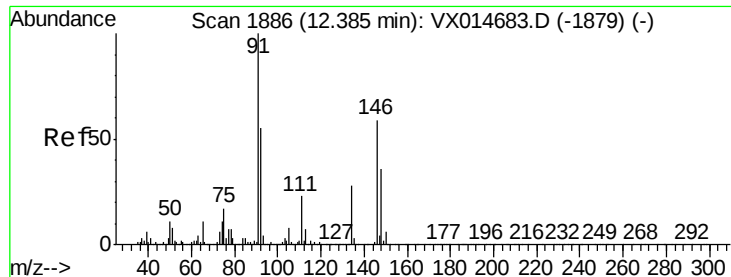
Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	63.9	32.0	96.2





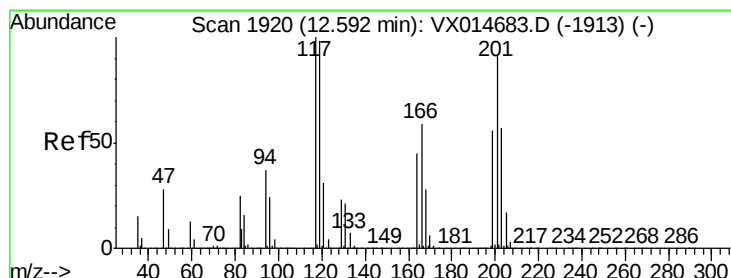
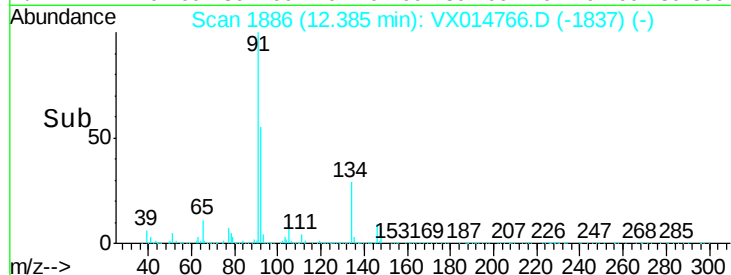
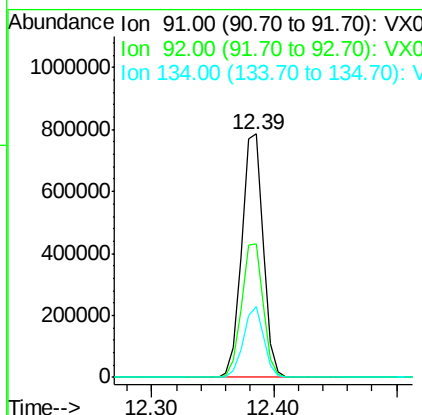
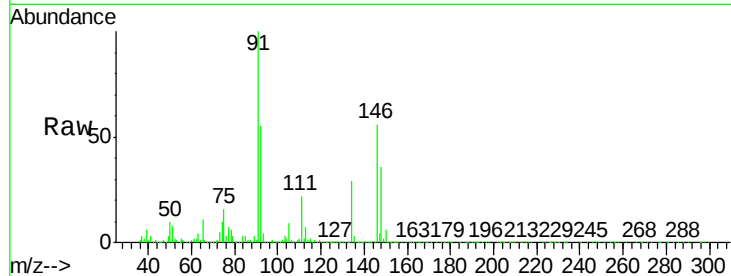
#89
n-Butylbenzene
Concen: 54.790 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	27.5	13.3	39.8

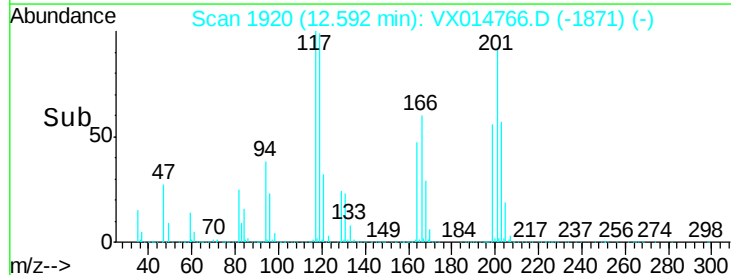
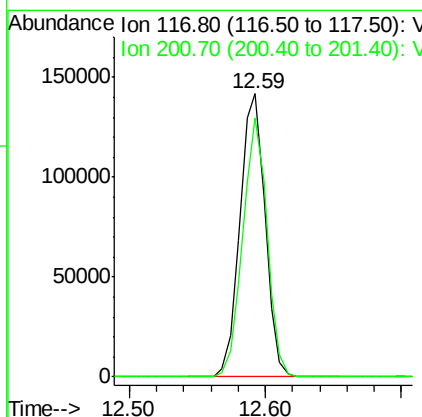
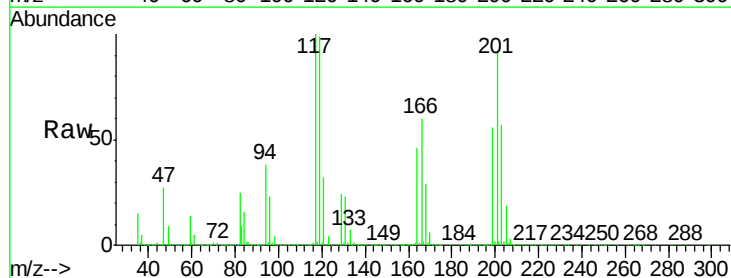
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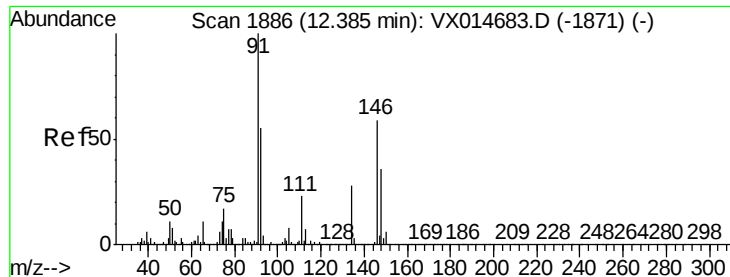
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#90
Hexachloroethane
Concen: 49.883 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.4	133.1





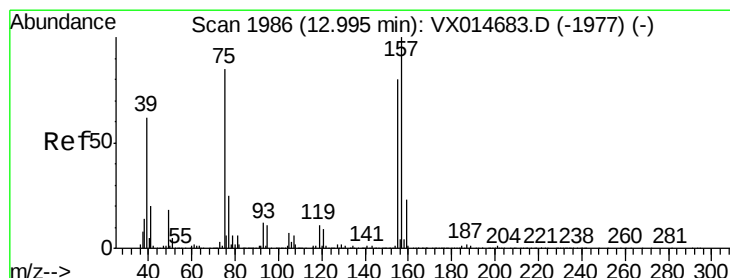
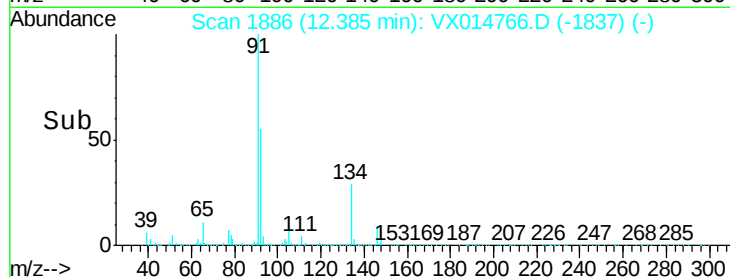
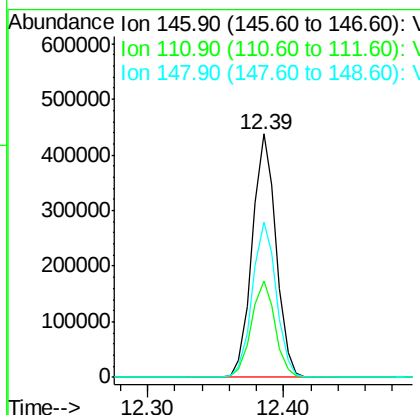
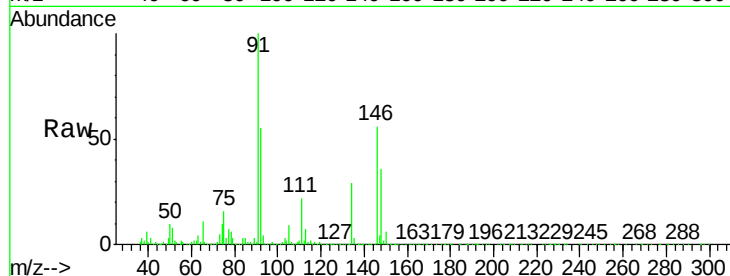
#91
 1,2-Dichlorobenzene
 Concen: 50.213 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	64.3	31.9	95.9

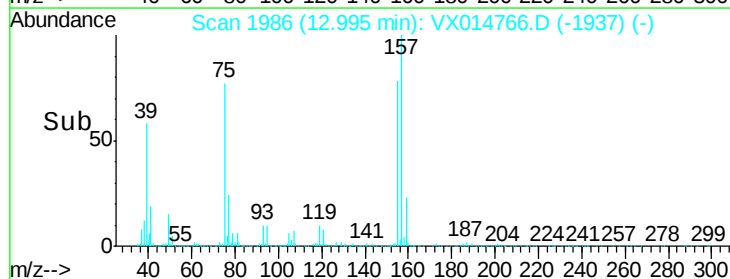
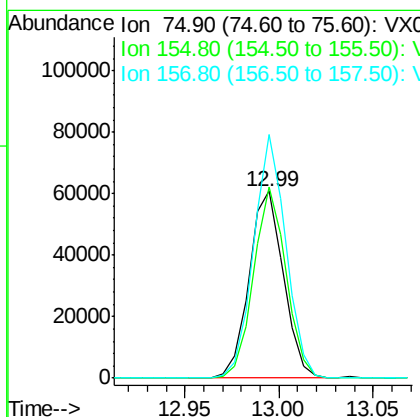
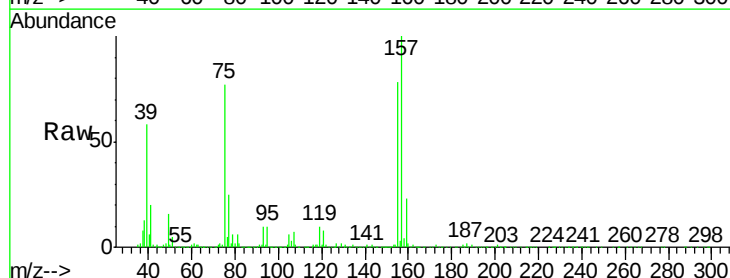
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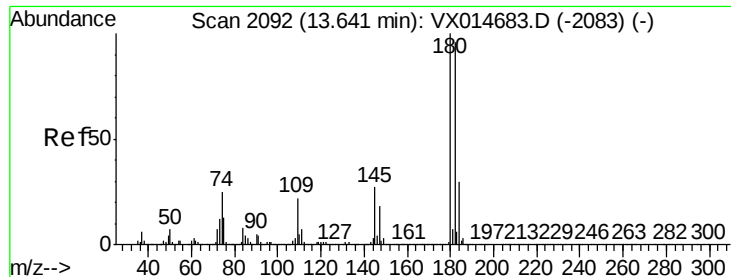
MMDadoda
 1/30/2020 10:44:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.314 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	45.6	136.9
157	123.5	60.3	180.9





#93

1,2,4-Trichlorobenzene

Concen: 53.885 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

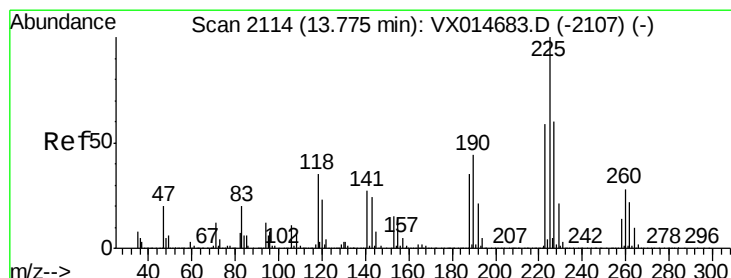
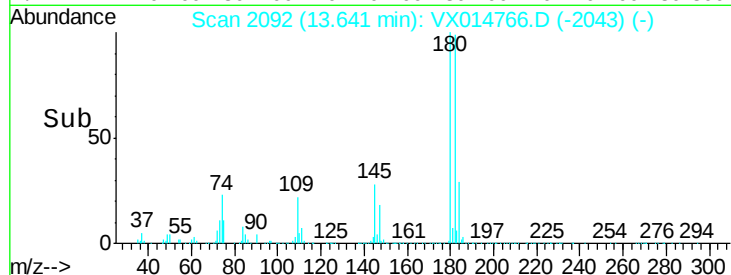
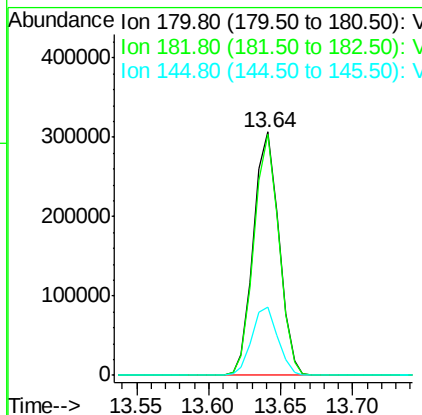
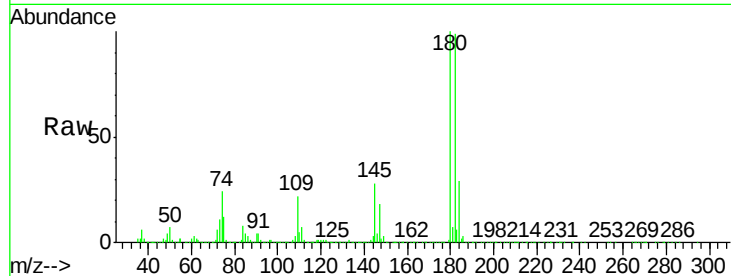
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	373080
Ion Ratio	Lower	Upper	
180	100		
182	97.1	48.5	145.6
145	28.7	14.0	41.9

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 53.492 ug/l

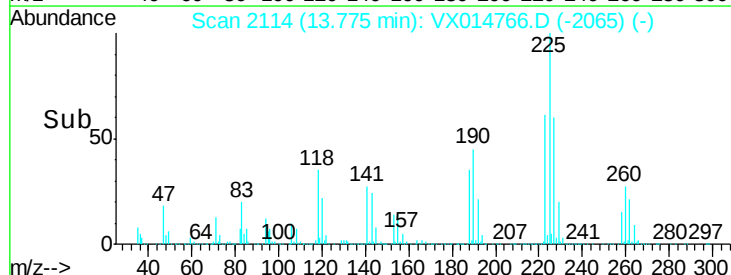
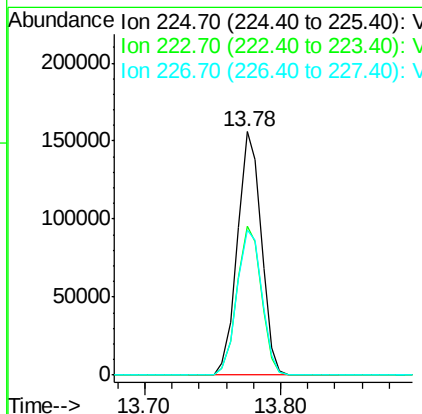
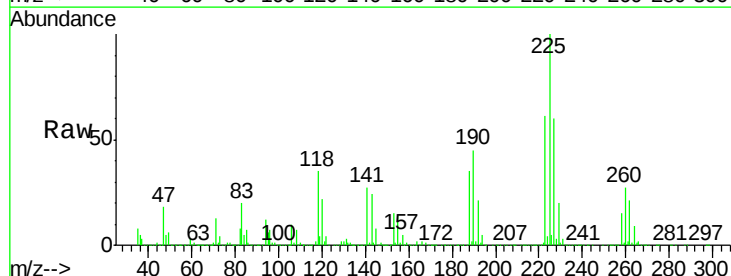
RT: 13.78 min Scan# 2114

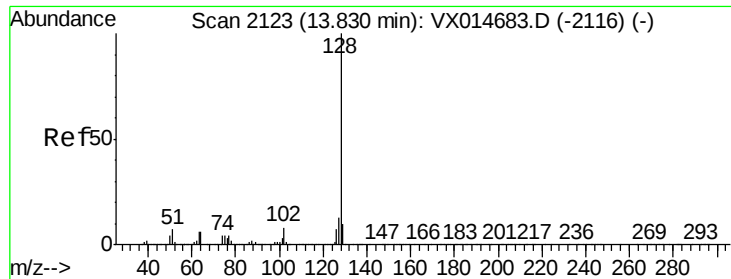
Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	225	Resp:	190619
Ion Ratio	Lower	Upper	
225	100		
223	61.9	30.6	91.8
227	62.2	31.4	94.0





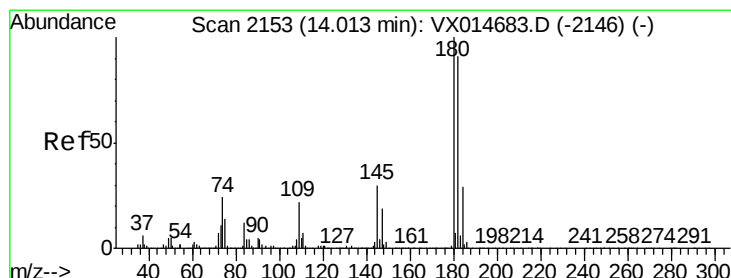
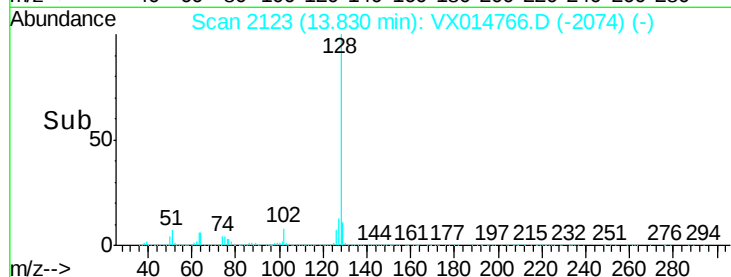
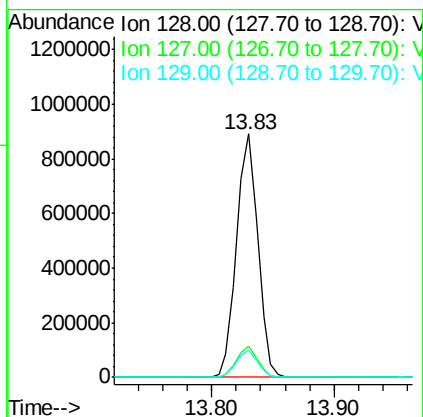
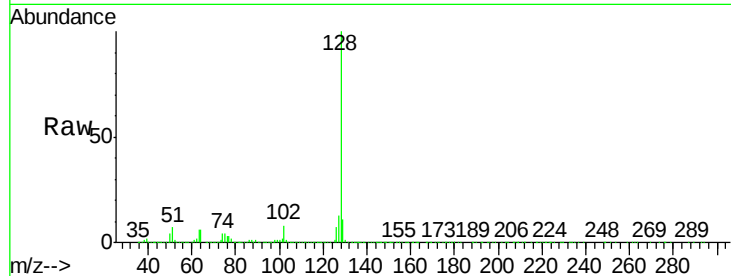
#95
Naphthalene
Concen: 47.921 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 53.146 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.6	139.7
145	30.2	14.7	44.1

