

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011420\
 Data File : VX014607.D
 Acq On : 14 Jan 2020 16:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:24:09 AM

Quant Time: Jan 15 01:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	475397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	707155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	642699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	253464	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.48	113	210466	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.71	98	823711	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	294234	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	310587	52.609	ug/l	100
3) Chloromethane	1.32	50	314602	51.916	ug/l	98
4) Vinyl Chloride	1.40	62	365711	54.159	ug/l	98
5) Bromomethane	1.63	94	217559	48.605	ug/l	98
6) Chloroethane	1.72	64	195432	53.194	ug/l	98
7) Trichlorofluoromethane	1.92	101	397255	51.861	ug/l	100
8) Diethyl Ether	2.18	74	173157	49.549	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	245518	52.684	ug/l	99
10) Methyl Iodide	2.50	142	327377	58.668	ug/l	100
11) Tert butyl alcohol	3.03	59	257326	232.222	ug/l	100
12) 1,1-Dichloroethene	2.37	96	235244	50.102	ug/l	99
13) Acrolein	2.28	56	228531	257.305	ug/l	99
14) Allyl chloride	2.72	41	429819	52.141	ug/l	99
15) Acrylonitrile	3.13	53	695834	260.180	ug/l	99
16) Acetone	2.43	43	643832	241.818	ug/l	99
17) Carbon Disulfide	2.56	76	623902	47.622	ug/l	100
18) Methyl Acetate	2.76	43	417418	54.724	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	788853	52.337	ug/l	99
20) Methylene Chloride	2.84	84	271286	50.813	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	255408	49.827	ug/l	99
22) Diisopropyl ether	3.84	45	870977	54.673	ug/l	97
23) Vinyl Acetate	3.80	43	3392965	275.097	ug/l	99
24) 1,1-Dichloroethane	3.69	63	461100	53.207	ug/l	99
25) 2-Butanone	4.65	43	970911	244.918	ug/l	100
26) 2,2-Dichloropropane	4.57	77	372231	50.704	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	290030	50.614	ug/l	98
28) Bromochloromethane	5.00	49	174558	47.802	ug/l	95
29) Tetrahydrofuran	5.11	42	619185	264.179	ug/l	98
30) Chloroform	5.19	83	457371	54.010	ug/l	100
31) Cyclohexane	5.57	56	439993	54.242	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	389795	53.774	ug/l	99
36) 1,1-Dichloropropene	5.79	75	349402	52.541	ug/l	99
37) Ethyl Acetate	4.81	43	376326	52.098	ug/l	99
38) Carbon Tetrachloride	5.77	117	334331	54.632	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	456173	54.600	ug/l	98
40) Benzene	6.13	78	1060296	53.720	ug/l	98
41) Methacrylonitrile	5.02	41	210519	54.651	ug/l	99
42) 1,2-Dichloroethane	6.18	62	363708	52.703	ug/l	100
43) Isopropyl Acetate	6.43	43	620435	53.170	ug/l	100
44) Trichloroethene	7.20	130	293568	51.756	ug/l	99
45) 1,2-Dichloropropane	7.50	63	279323	55.509	ug/l	99
46) Dibromomethane	7.65	93	176848	50.353	ug/l	99
47) Bromodichloromethane	7.89	83	355495	55.626	ug/l	100
48) Methyl methacrylate	7.76	41	305199	54.609	ug/l	98
49) 1,4-Dioxane	7.73	88	112475	949.789	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1911338	268.797	ug/l	99
52) Toluene	8.78	92	665932	52.706	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	397272	53.395	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	438631	54.574	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	273080	53.810	ug/l	98
56) Ethyl methacrylate	9.17	69	430626	55.386	ug/l	99
57) 1,3-Dichloropropane	9.36	76	455098	53.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	692592	261.818	ug/l	99
59) 2-Hexanone	9.48	43	1443952	256.643	ug/l	100
60) Dibromochloromethane	9.57	129	285171	55.906	ug/l	99
61) 1,2-Dibromoethane	9.67	107	281565	52.376	ug/l	100
64) Tetrachloroethene	9.33	164	312246	48.476	ug/l	99
65) Chlorobenzene	10.13	112	727054	52.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	266791	53.599	ug/l	99
67) Ethyl Benzene	10.25	91	1284290	54.023	ug/l	98
68) m/p-Xylenes	10.35	106	995210	108.511	ug/l	100
69) o-Xylene	10.69	106	473456	54.105	ug/l	98
70) Styrene	10.71	104	814402	53.928	ug/l	100
71) Bromoform	10.85	173	218371	53.621	ug/l	100
73) Isopropylbenzene	11.01	105	1268252	55.032	ug/l	99
74) N-amyl acetate	10.89	43	544414	53.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	402899	54.515	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	341450m	50.286	ug/l	
77) Bromobenzene	11.25	156	326102	51.025	ug/l	99
78) n-propylbenzene	11.35	91	1468127	55.626	ug/l	99
79) 2-Chlorotoluene	11.42	91	842696	53.573	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1066169	55.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138667	53.991	ug/l	98
82) 4-Chlorotoluene	11.51	91	983425	53.262	ug/l	99
83) tert-Butylbenzene	11.76	119	1009007	55.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1070368	55.364	ug/l	100
85) sec-Butylbenzene	11.94	105	1256370	55.903	ug/l	99
86) p-Isopropyltoluene	12.06	119	1167787	55.996	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	588039	51.269	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	580261	53.896	ug/l	98
89) n-Butylbenzene	12.39	91	1032642	54.155	ug/l	99
90) Hexachloroethane	12.59	117	203893	55.659	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	583872	51.958	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	86226	51.867	ug/l	97

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

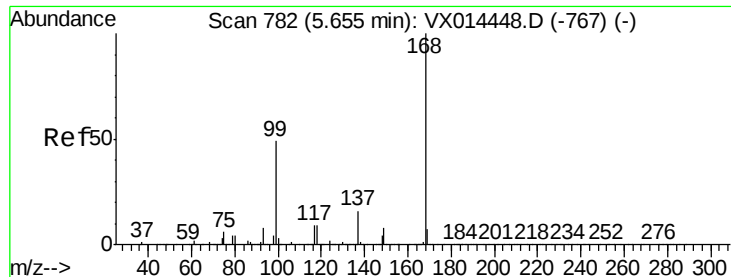
Manual Integrations
APPROVED

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1/15/2020 10:24:09 AM

Quant Time: Jan 15 01:04:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	411544	52.186	ug/l	99
94) Hexachlorobutadiene	13.77	225	203057	54.966	ug/l	98
95) Naphthalene	13.83	128	1168328	47.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	407814	52.702	ug/l	99

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



#1

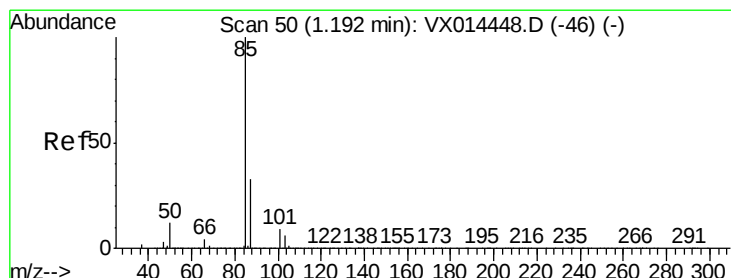
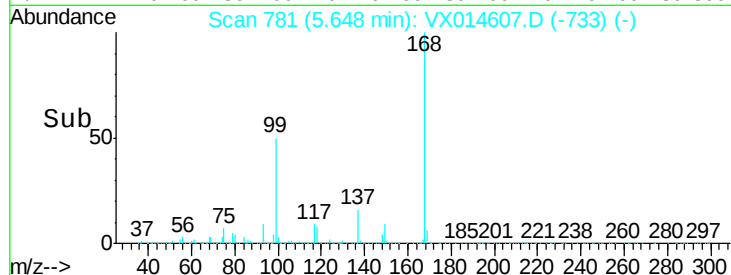
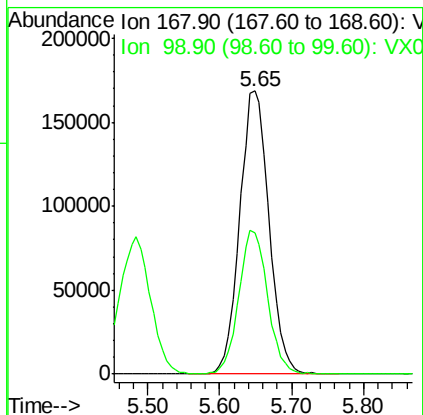
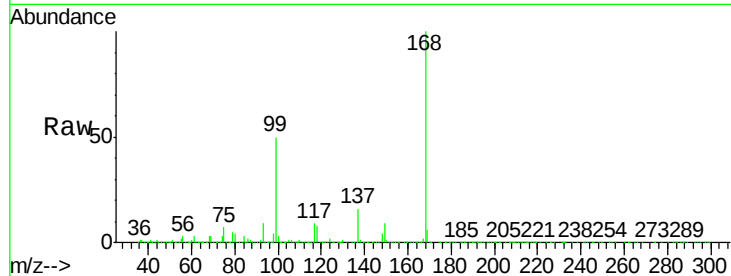
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.2	58.8

Manual Integrations
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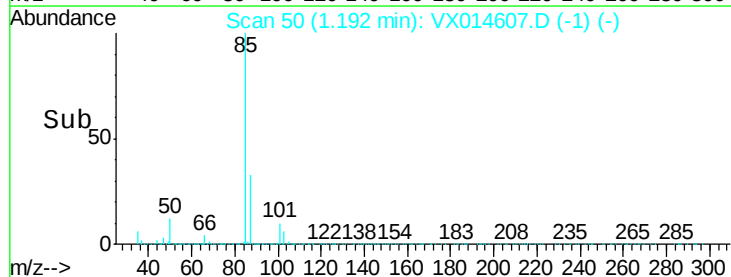
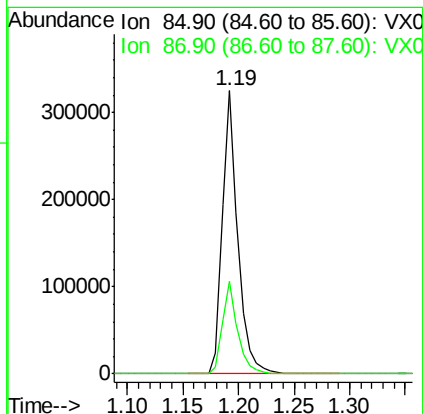
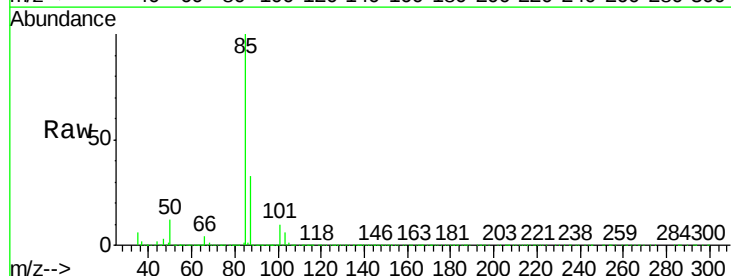
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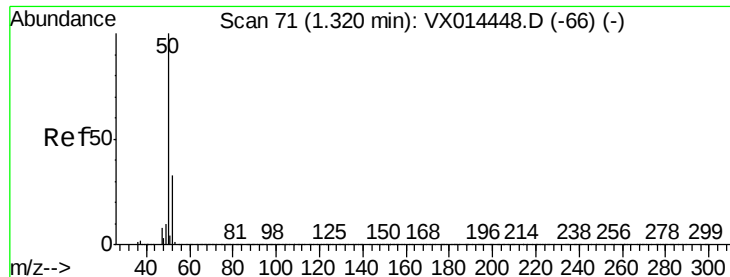


#2

Dichlorodifluoromethane
Concen: 52.609 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.5	49.5





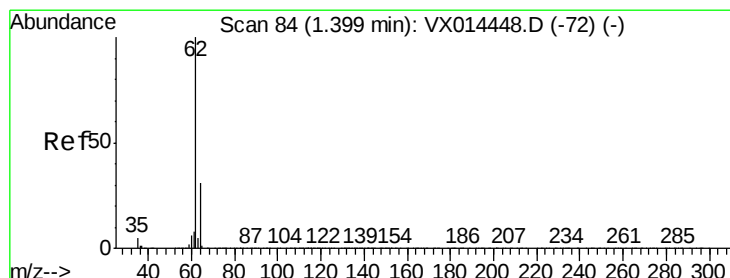
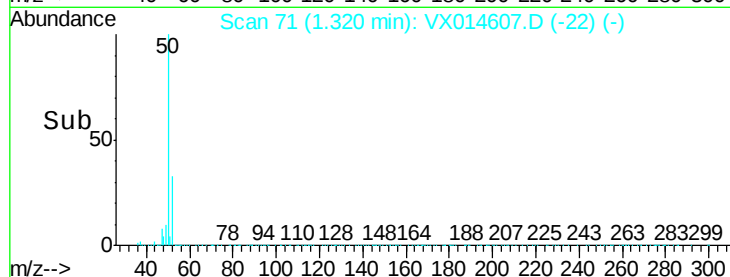
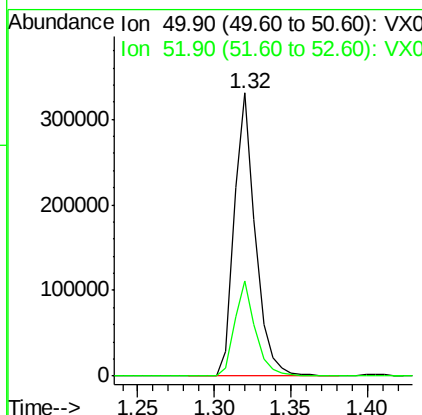
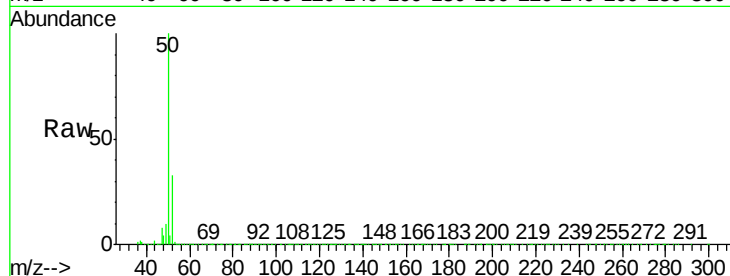
#3
Chloromethane
Concen: 51.916 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.1	39.1

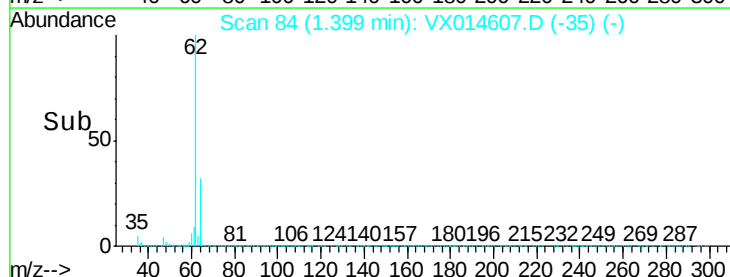
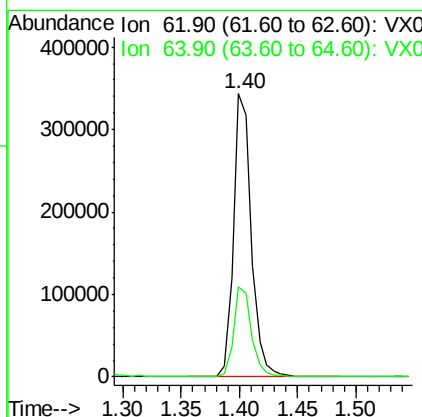
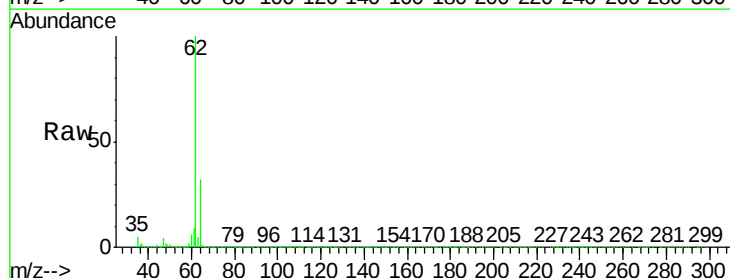
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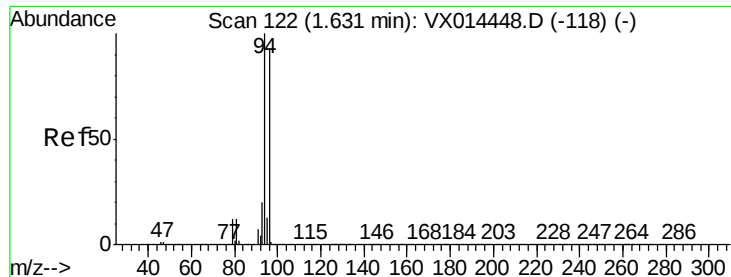
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#4
Vinyl Chloride
Concen: 54.159 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.6	37.0





#5

Bromomethane

Concen: 48.605 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 217559

Ion Ratio Lower Upper

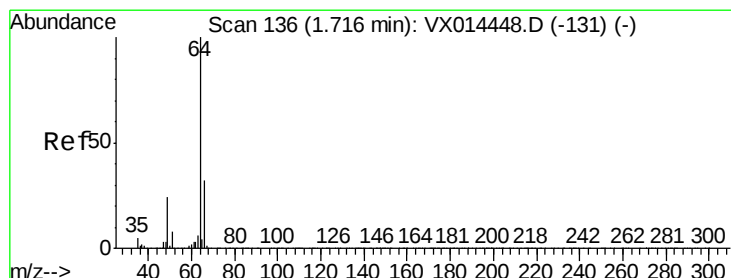
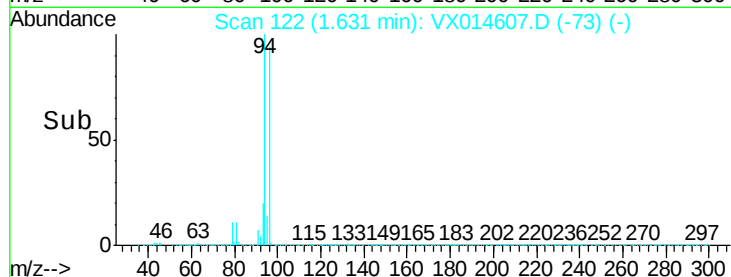
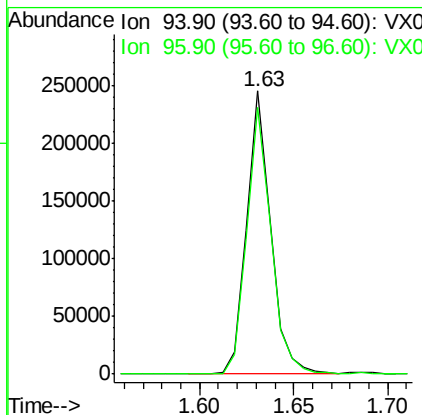
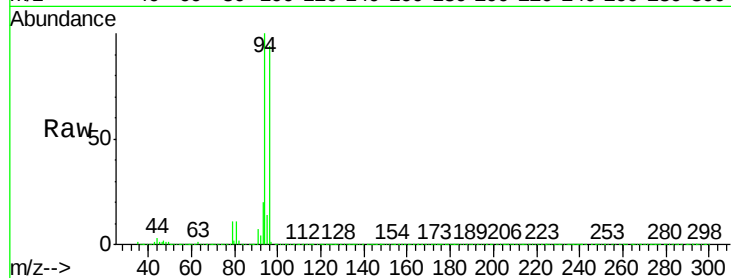
94 100

96 94.3 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 53.194 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014607.D

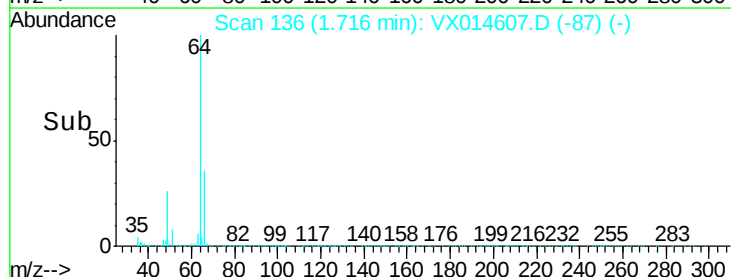
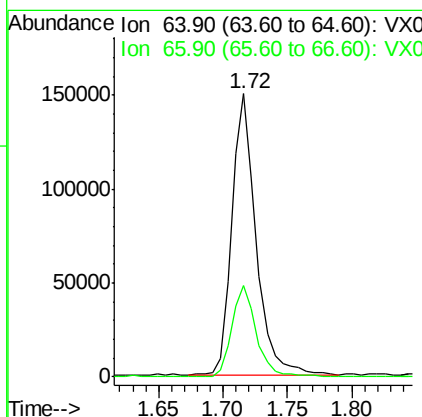
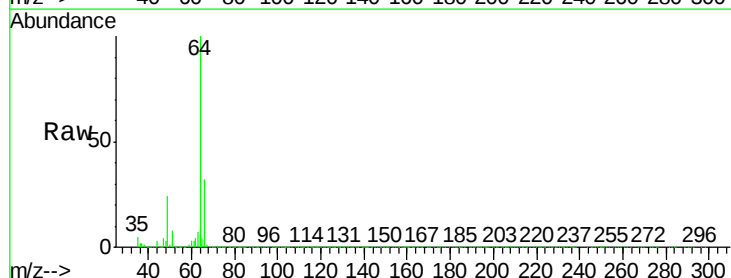
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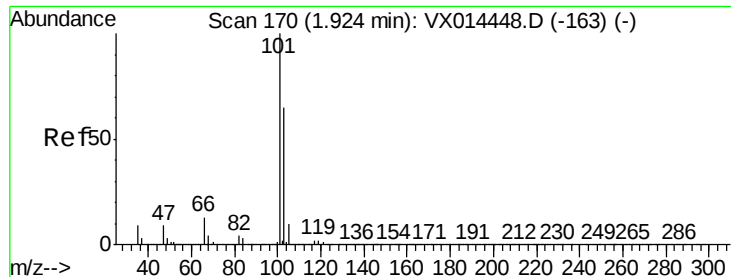
Tgt Ion: 64 Resp: 195432

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9





#7

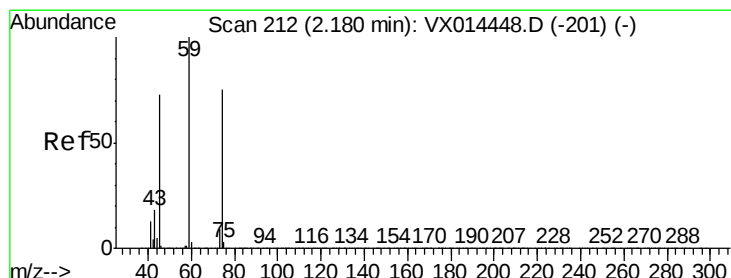
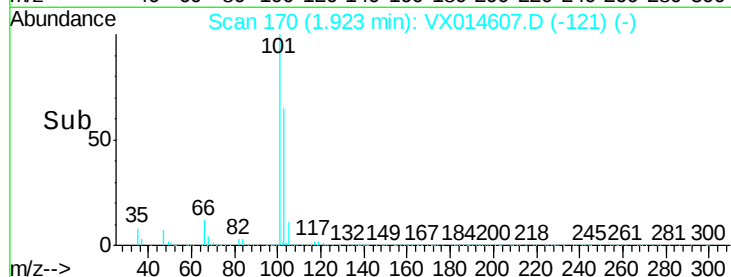
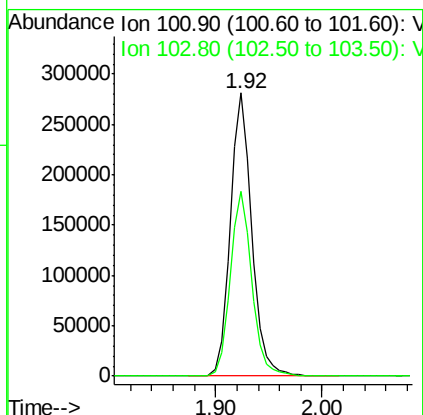
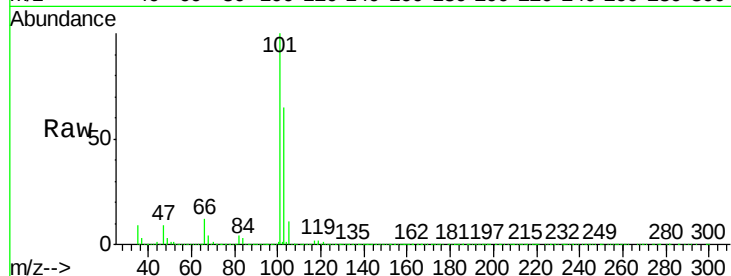
Trichlorofluoromethane
Concen: 51.861 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.2	78.4

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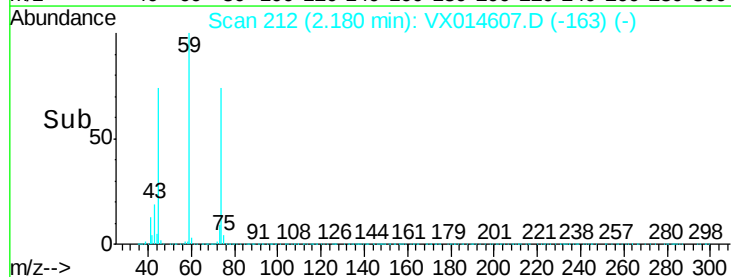
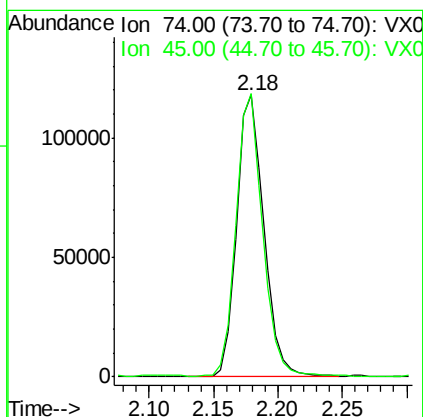
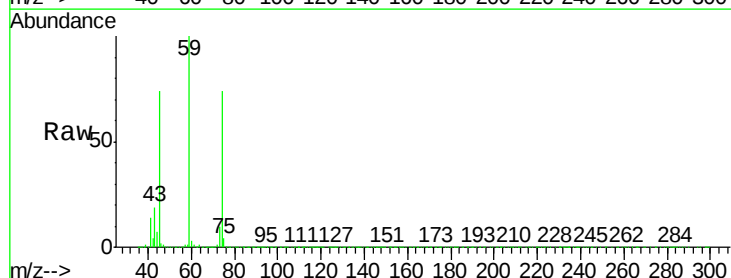
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1/15/2020 10:24:09 AM

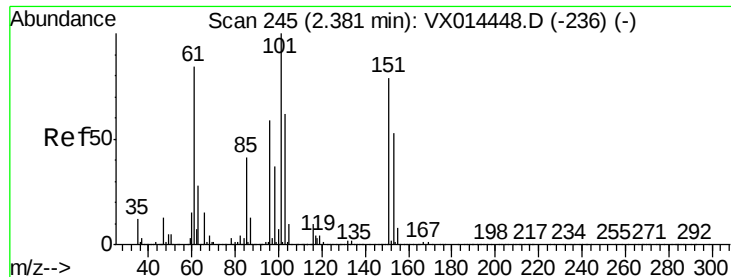


#8

Diethyl Ether
Concen: 49.549 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.684 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

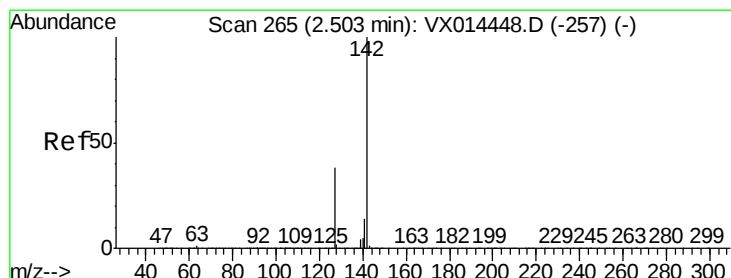
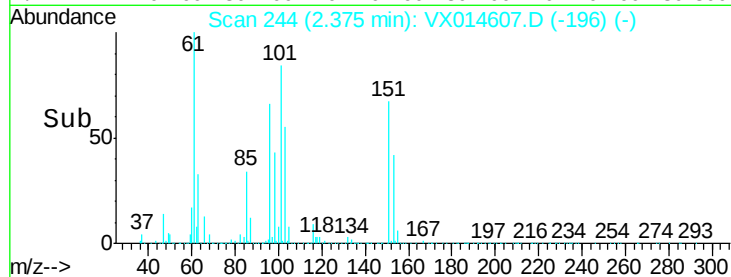
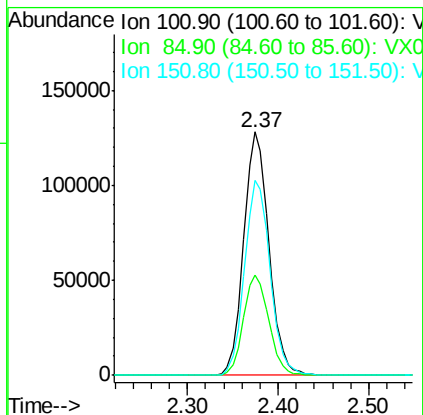
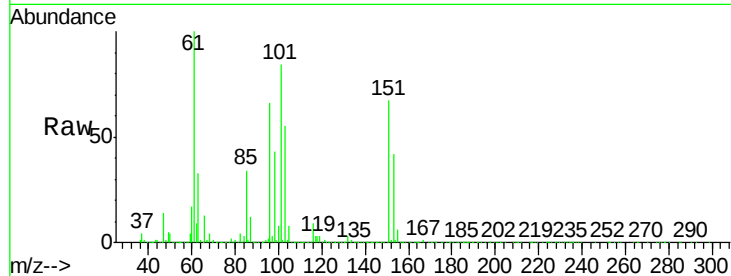
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	24518
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.8	50.8
151	81.2	65.3	97.9

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#10

Methyl Iodide

Concen: 58.668 ug/l

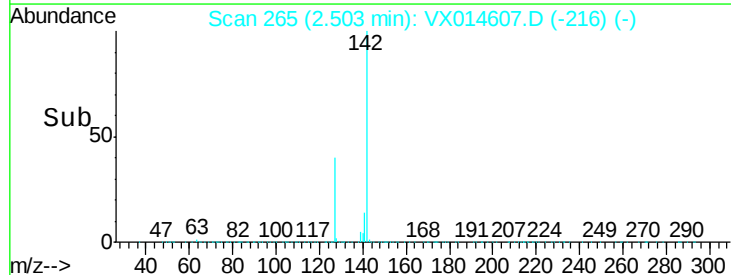
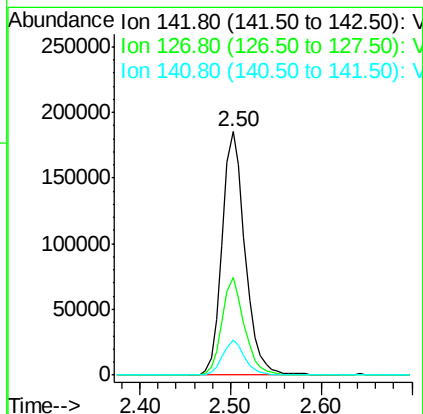
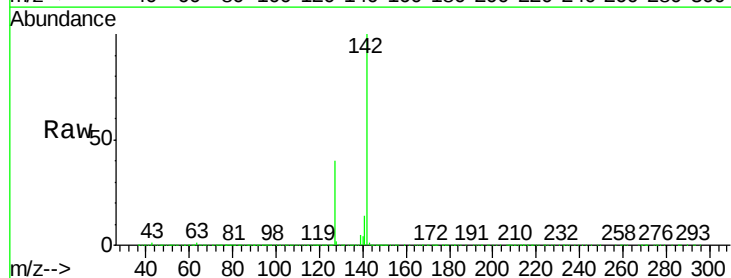
RT: 2.50 min Scan# 265

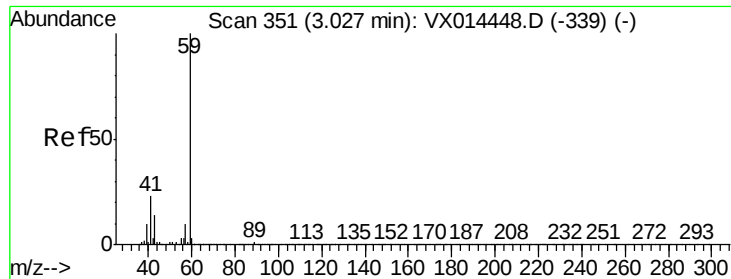
Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	142	Resp:	327377
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.2	46.8
141	14.0	11.4	17.2





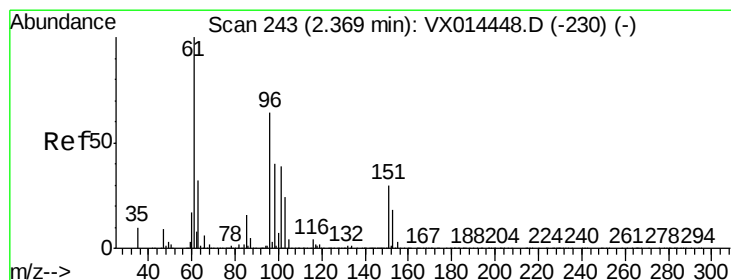
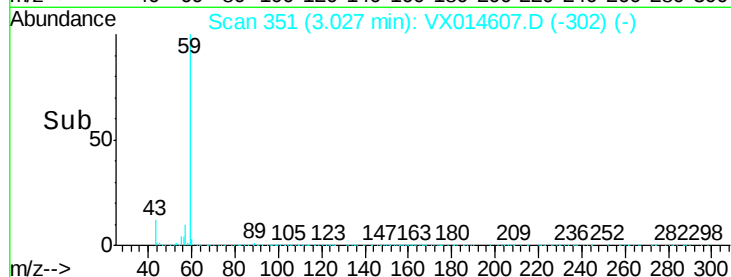
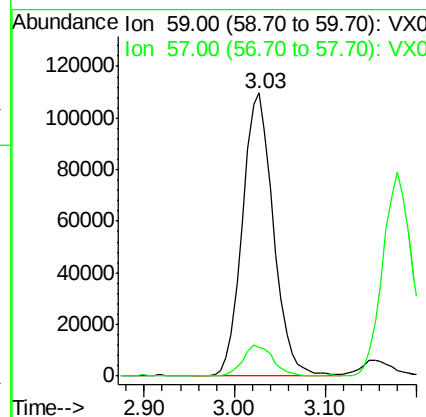
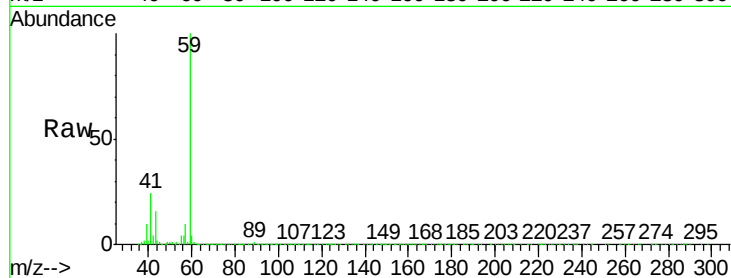
#11
Tert butyl alcohol
Concen: 232.222 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

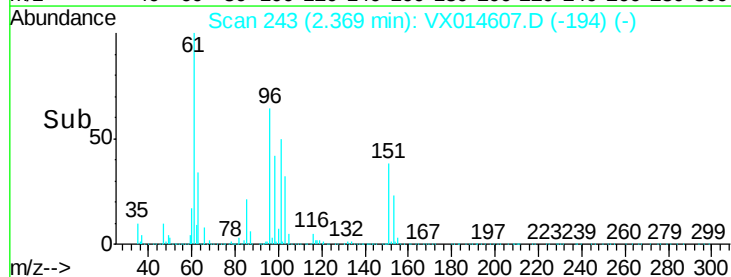
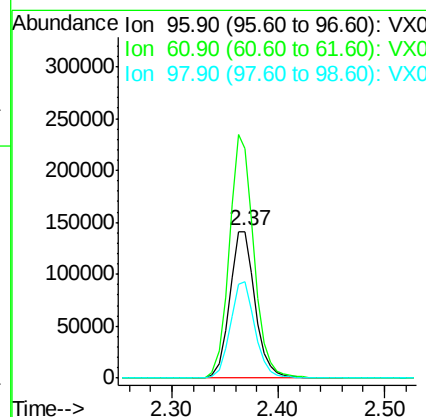
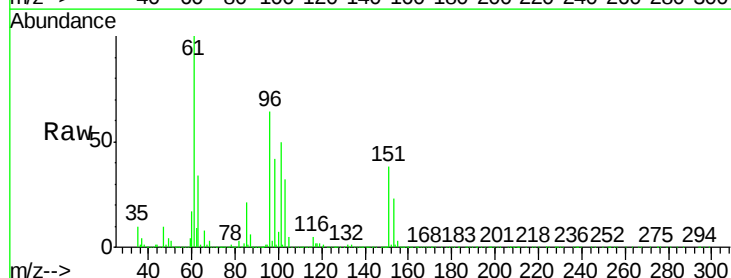
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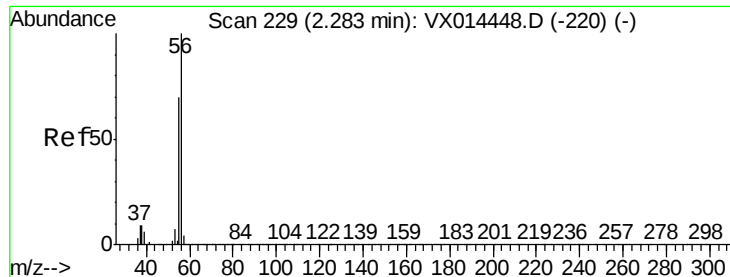
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#12
1,1-Dichloroethene
Concen: 50.102 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.7	125.0	187.6
98	65.8	50.2	75.2





#13

Acrolein

Concen: 257.305 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 228531

Ion Ratio Lower Upper

56 100

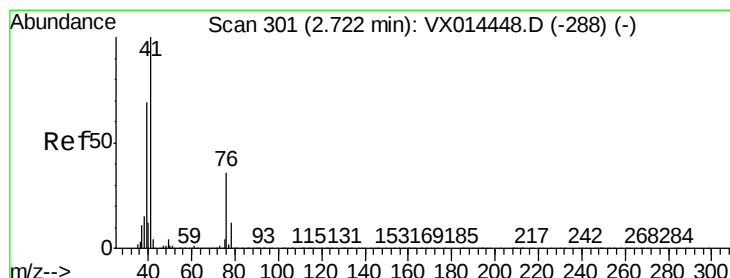
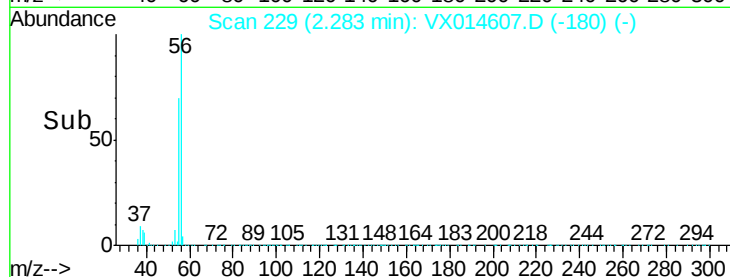
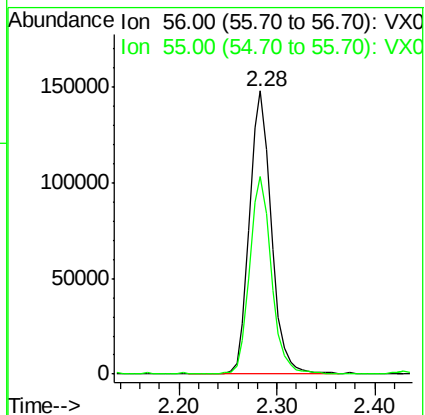
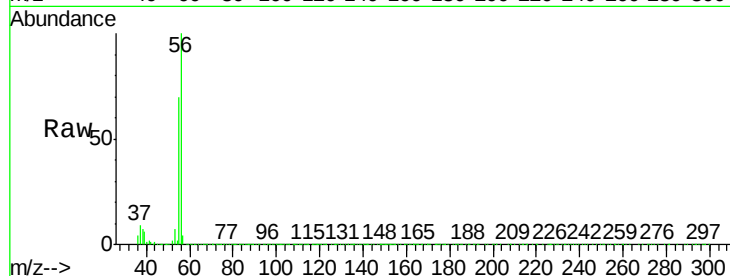
55 69.4 55.0 82.6

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#14

Allyl chloride

Concen: 52.141 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

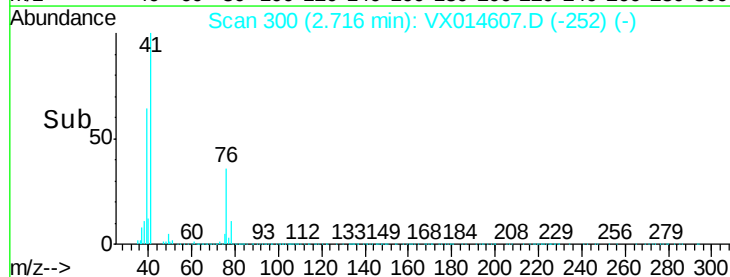
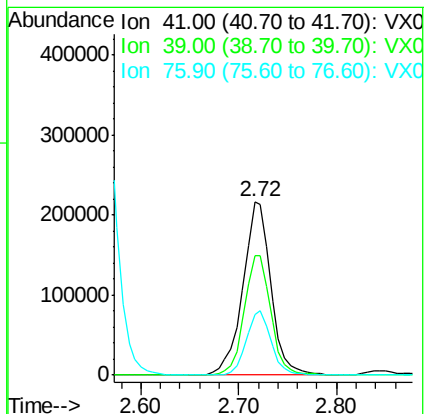
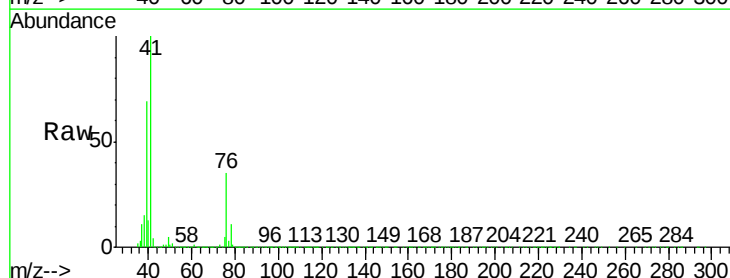
Tgt Ion: 41 Resp: 429819

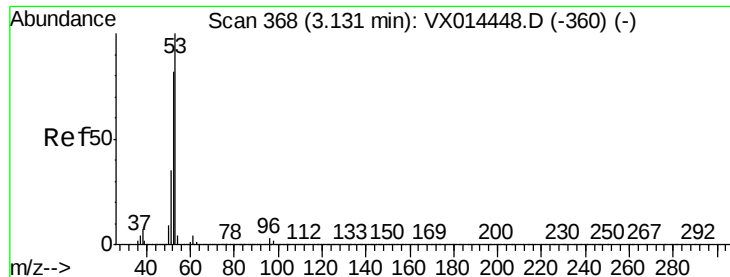
Ion Ratio Lower Upper

41 100

39 64.8 51.7 77.5

76 32.7 26.8 40.2





#15

Acrylonitrile

Concen: 260.180 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

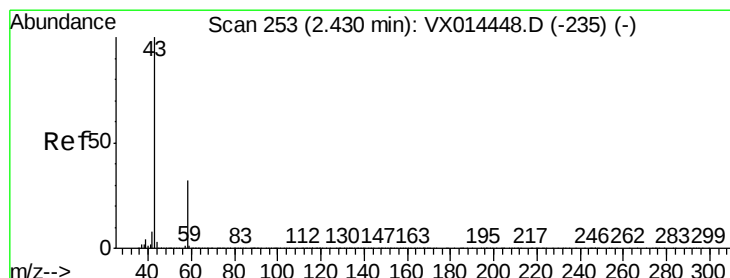
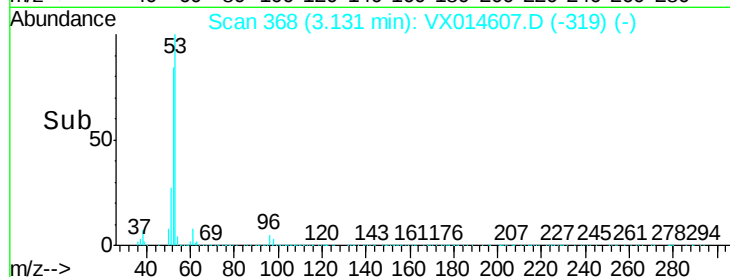
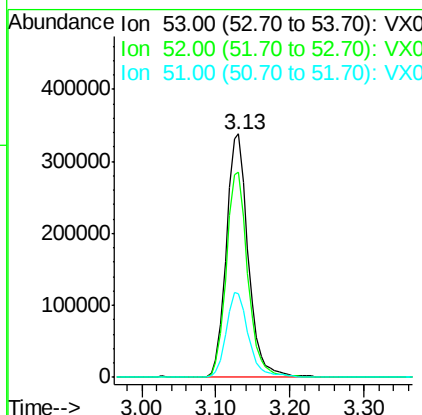
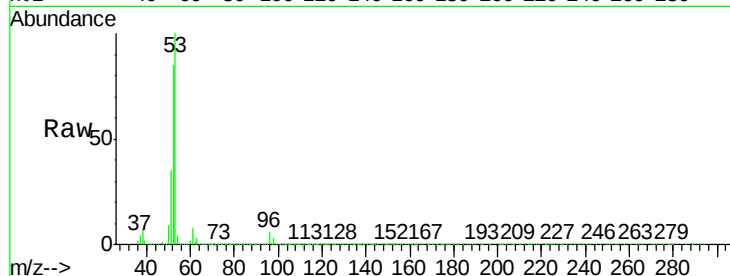
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	695834
Ion Ratio		Lower	Upper
53	100		
52	82.5	67.0	100.4
51	35.7	28.5	42.7

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#16

Acetone

Concen: 241.818 ug/l

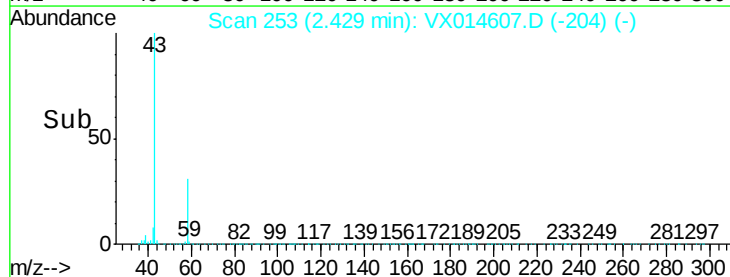
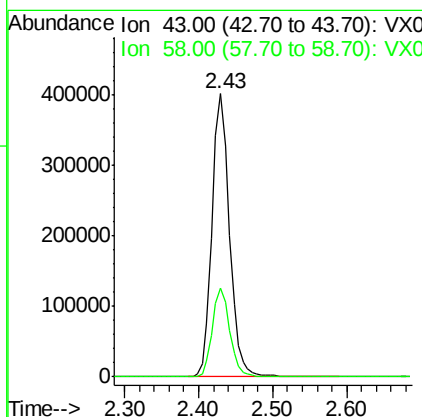
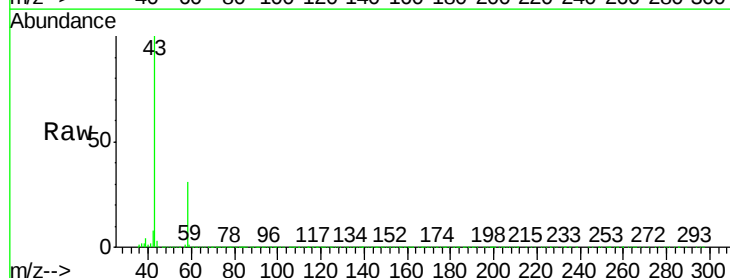
RT: 2.43 min Scan# 253

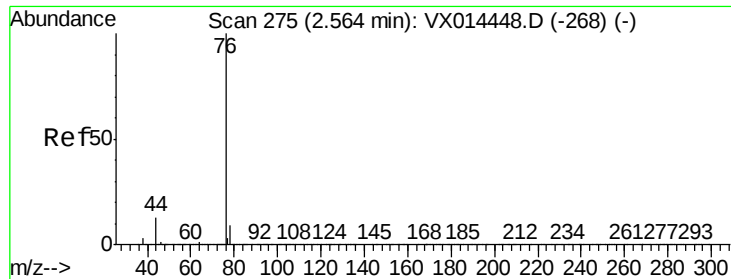
Delta R.T. 0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	43	Resp:	643832
Ion Ratio		Lower	Upper
43	100		
58	31.1	25.4	38.0





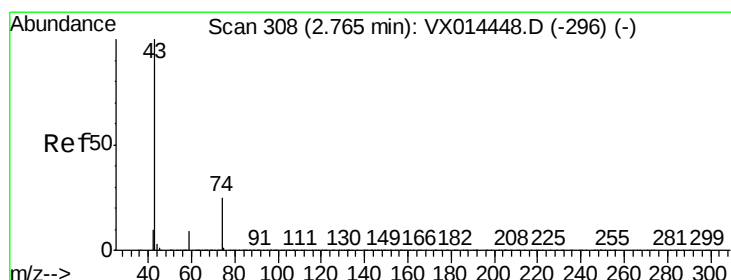
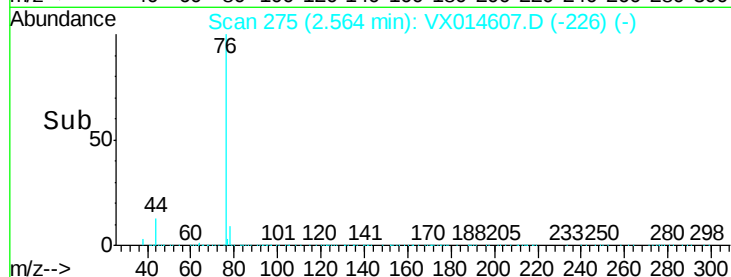
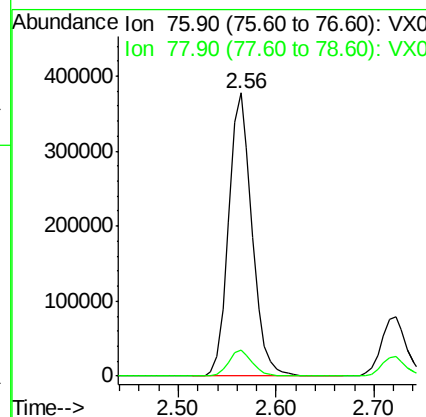
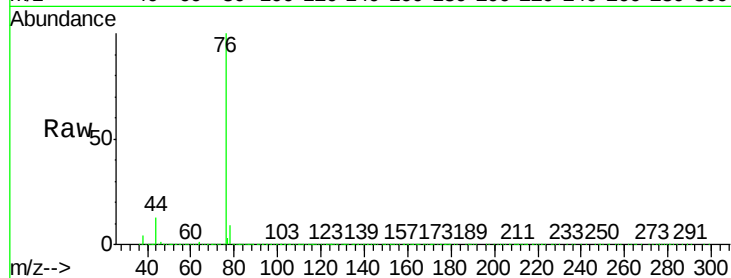
#17
Carbon Disulfide
Concen: 47.622 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

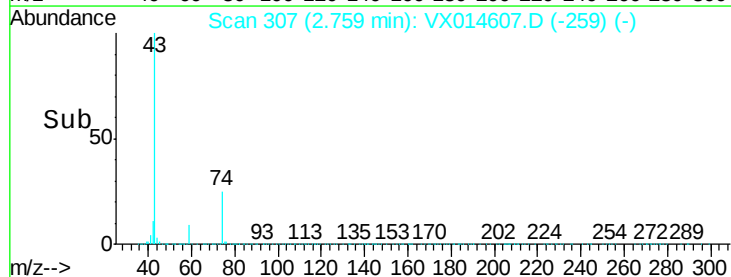
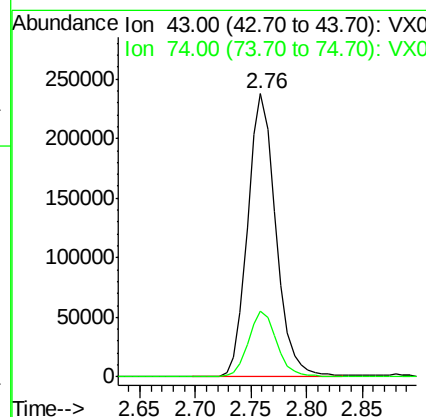
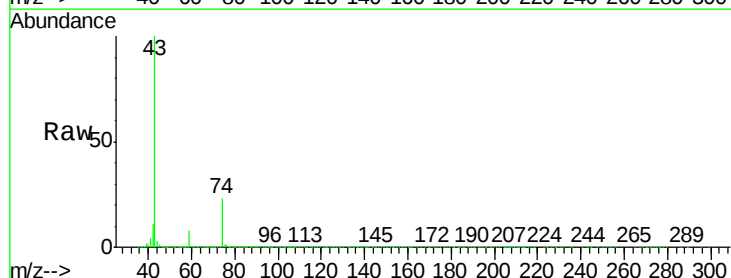
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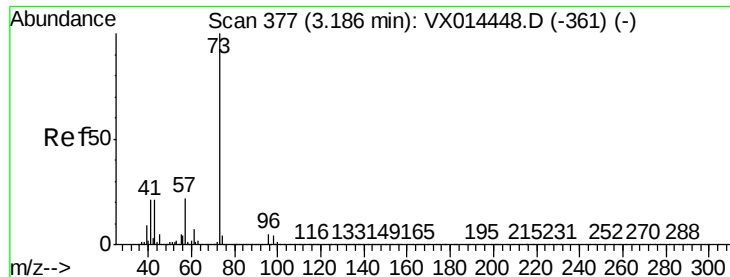
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#18
Methyl Acetate
Concen: 54.724 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.2





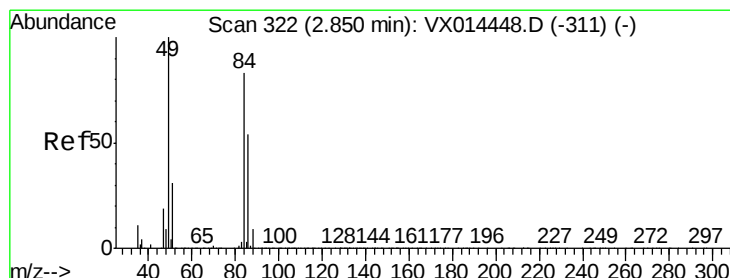
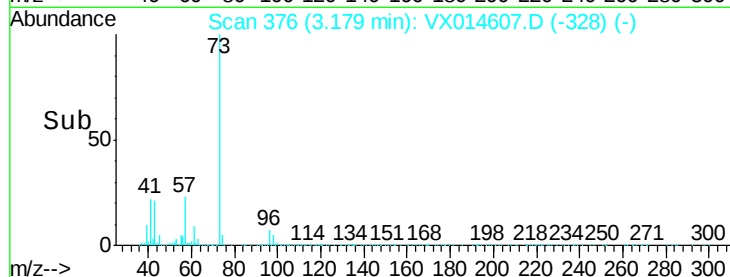
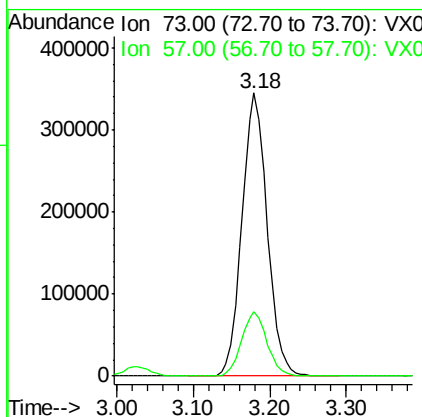
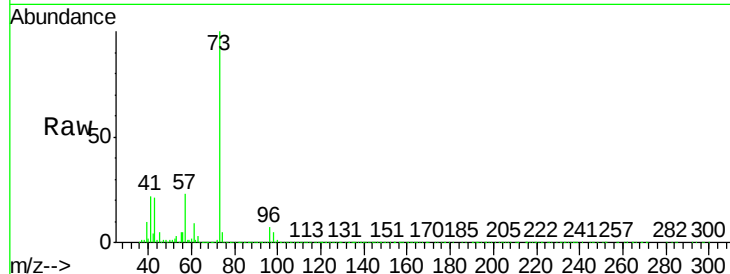
#19
Methvl tert-butvl Ether
Concen: 52.337 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.8	26.8

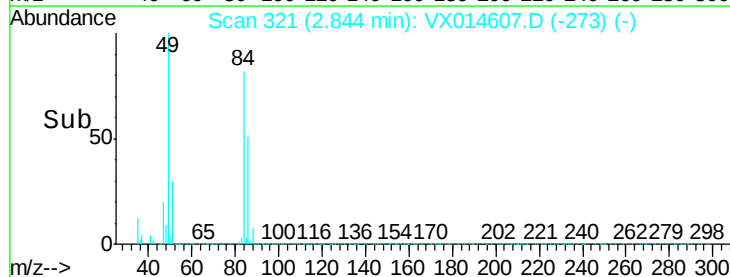
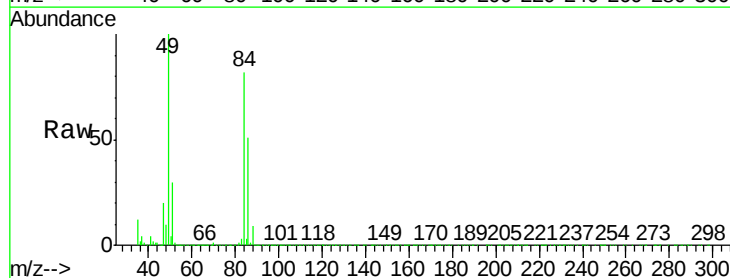
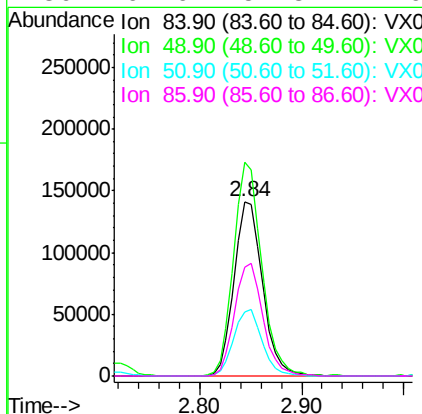
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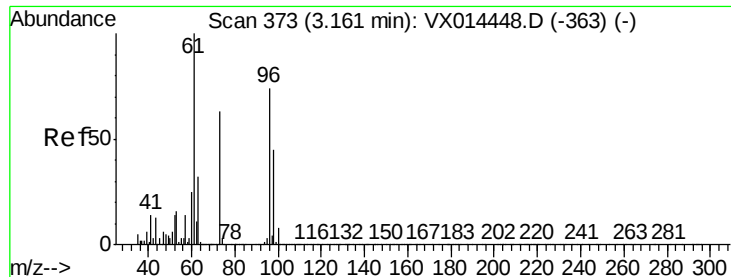
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#20
Methylene Chloride
Concen: 50.813 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.3	95.8	143.8
51	36.5	30.2	45.4
86	62.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 49.827 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

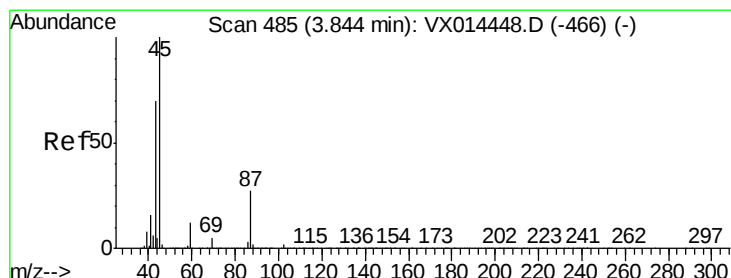
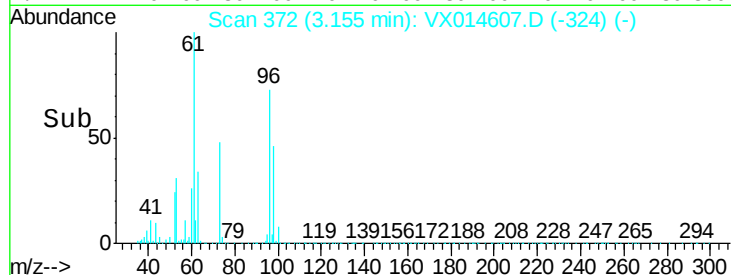
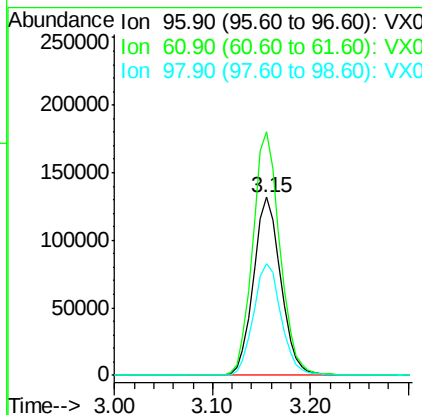
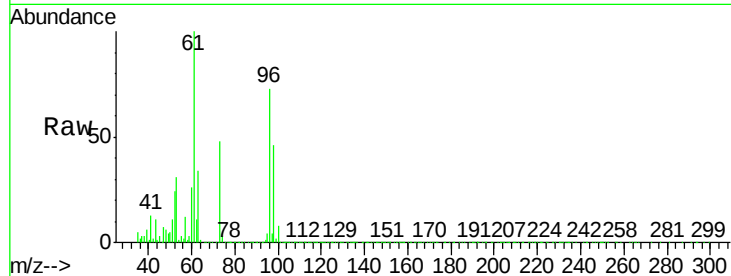
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	255408
Ion Ratio	Lower	Upper	
96	100		
61	136.7	108.2	162.4
98	62.6	48.8	73.2

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#22

Diisopropyl ether

Concen: 54.673 ug/l

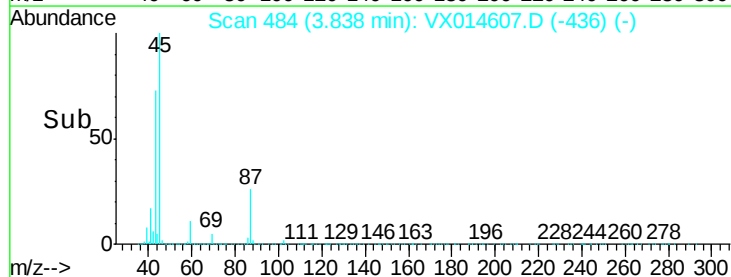
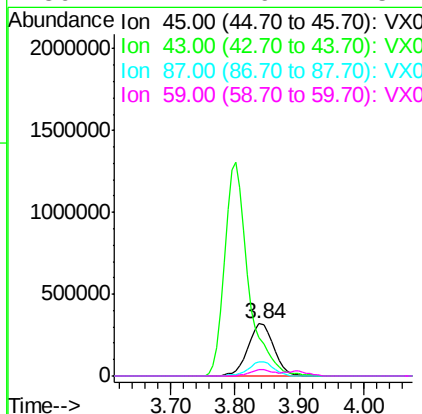
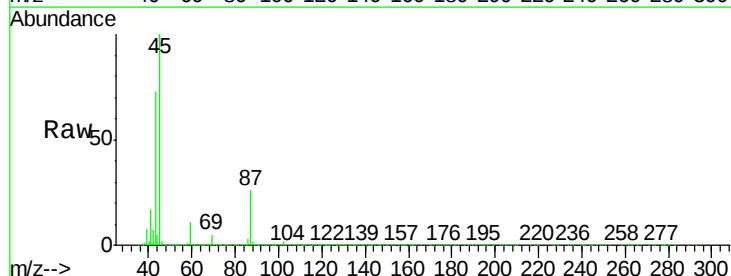
RT: 3.84 min Scan# 484

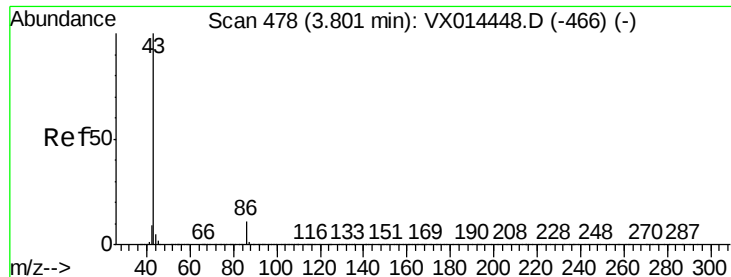
Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	45	Resp:	870977
Ion Ratio	Lower	Upper	
45	100		
43	73.1	55.8	83.6
87	26.2	21.8	32.8
59	11.1	9.1	13.7





#23

Vinyl Acetate

Concen: 275.097 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3392965

Ion Ratio Lower Upper

43 100

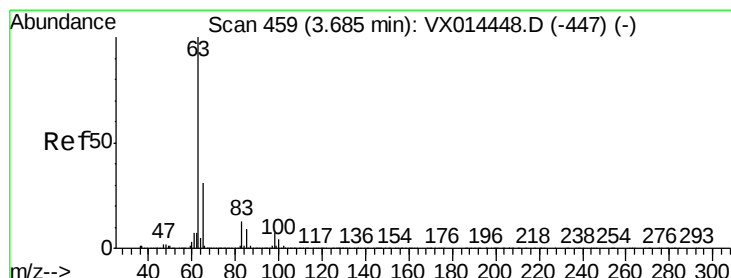
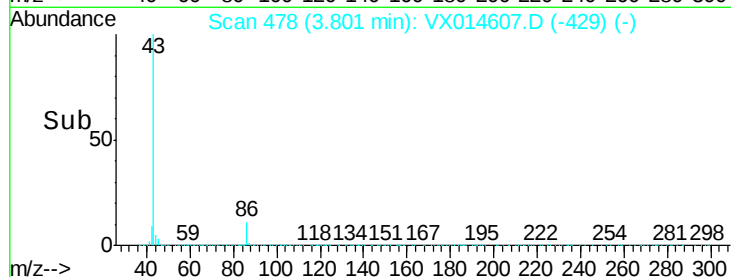
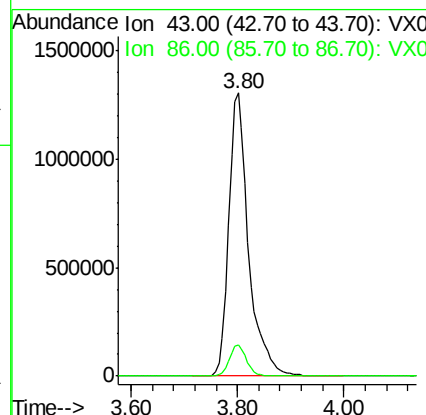
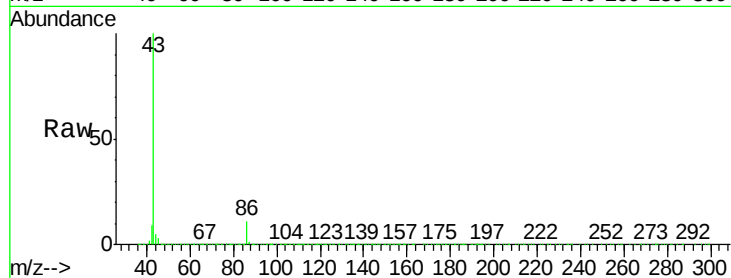
86 11.1 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 53.207 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

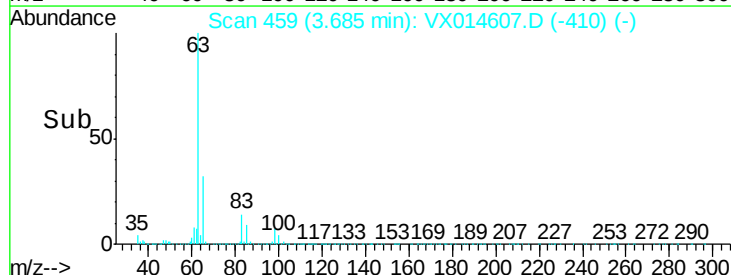
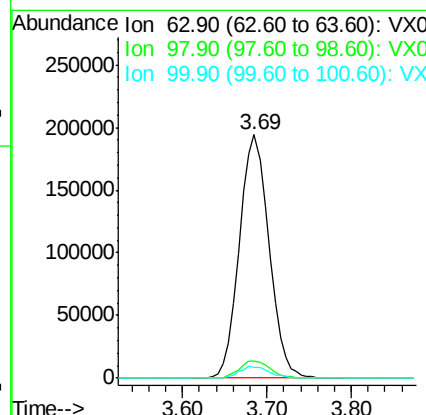
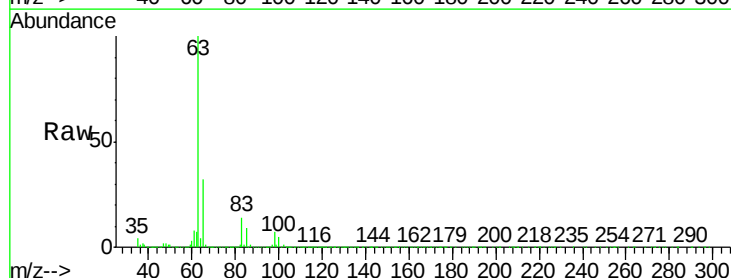
Tgt Ion: 63 Resp: 461100

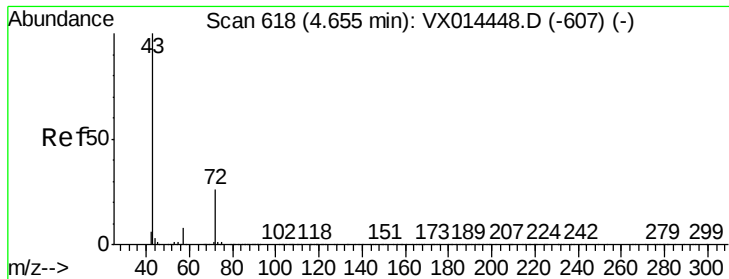
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 244.918 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 970911

Ion Ratio Lower Upper

43 100

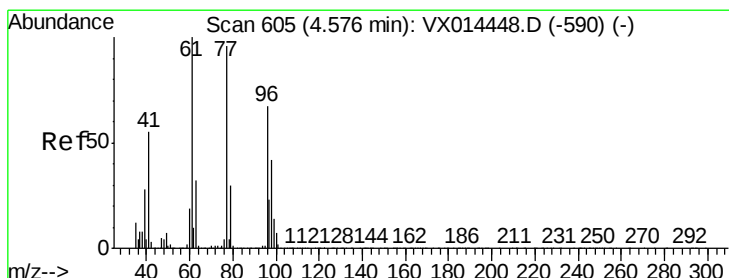
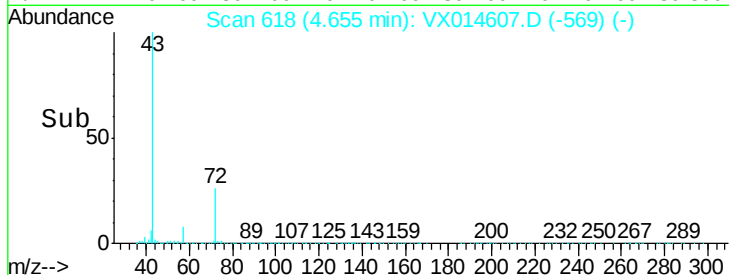
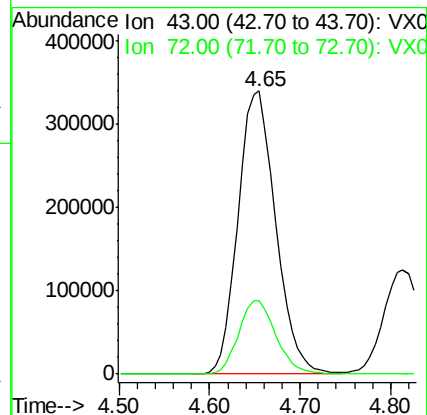
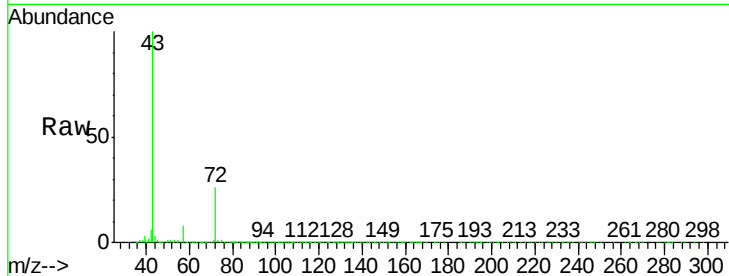
72 26.0 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 50.704 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014607.D

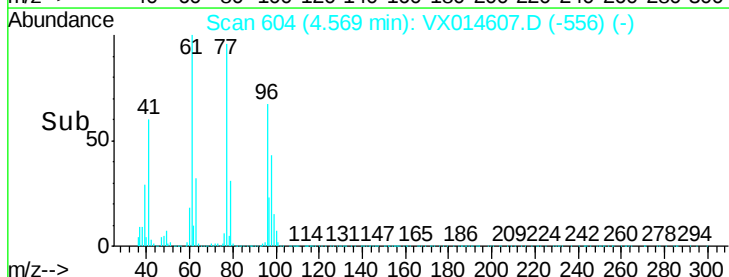
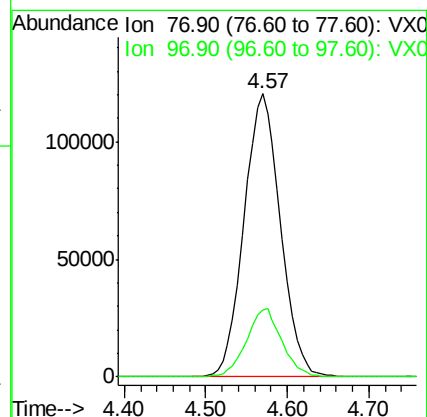
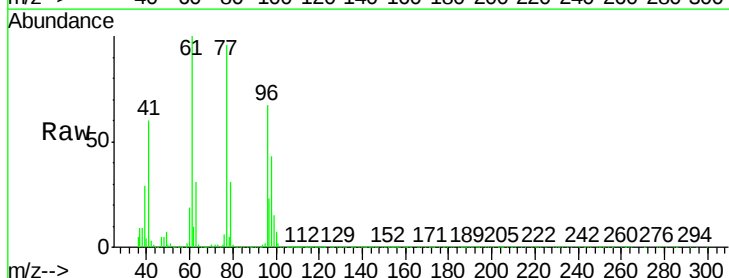
Acq: 14 Jan 2020 16:59

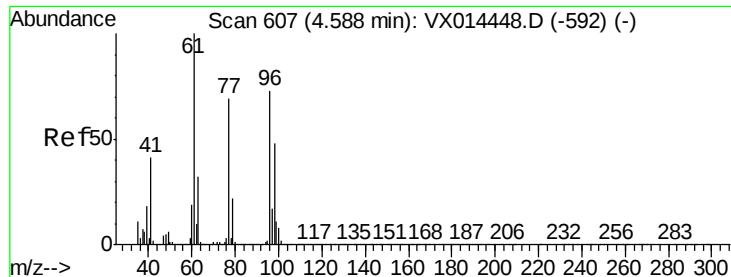
Tgt Ion: 77 Resp: 372231

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1





#27

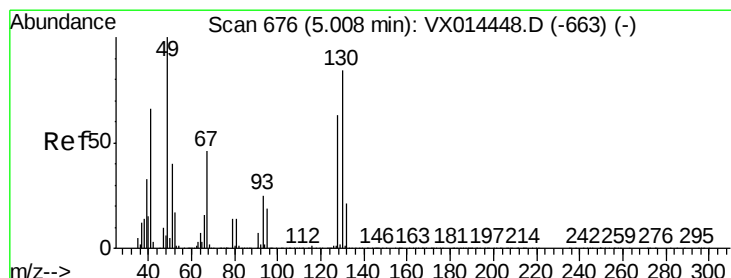
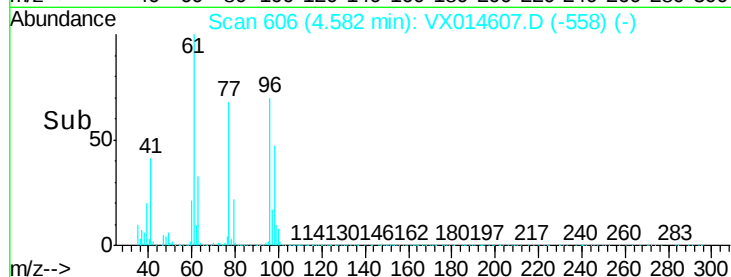
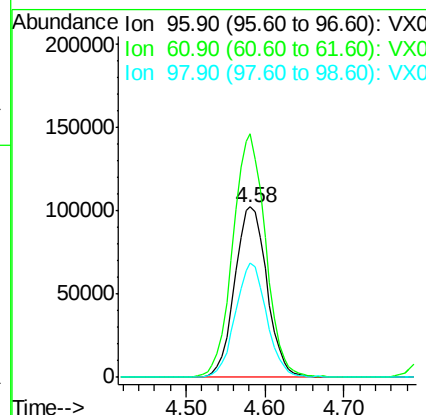
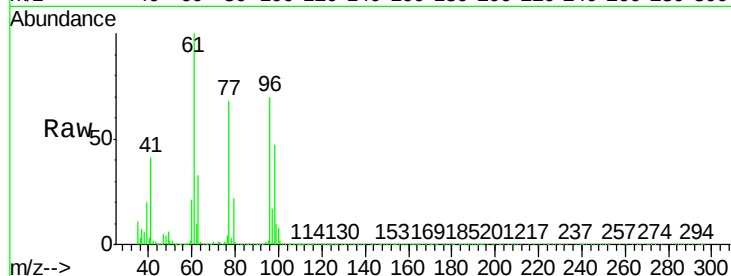
cis-1,2-Dichloroethene
Concen: 50.614 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	144.9	0.0	285.4
98	64.5	0.0	130.6

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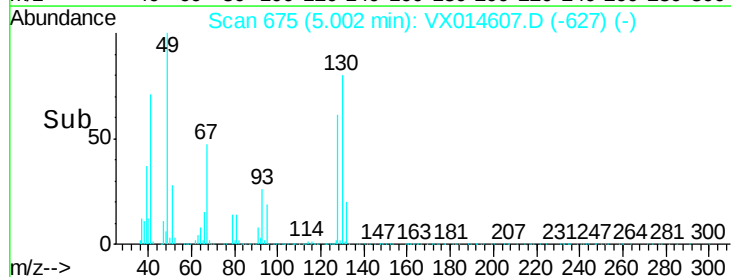
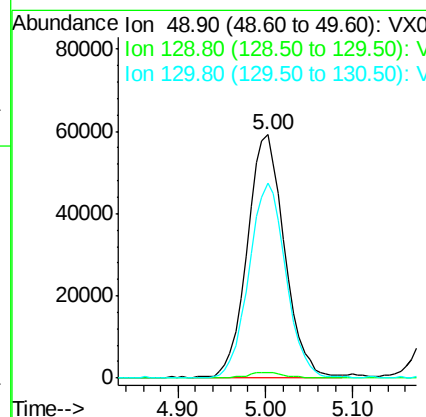
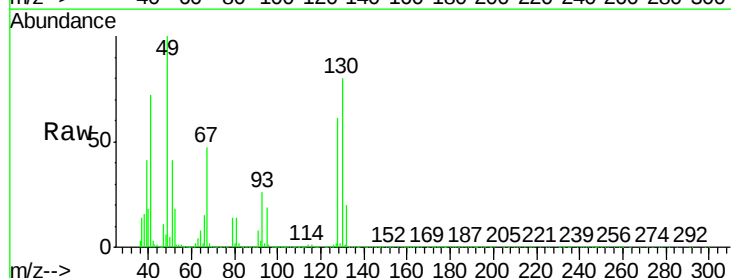
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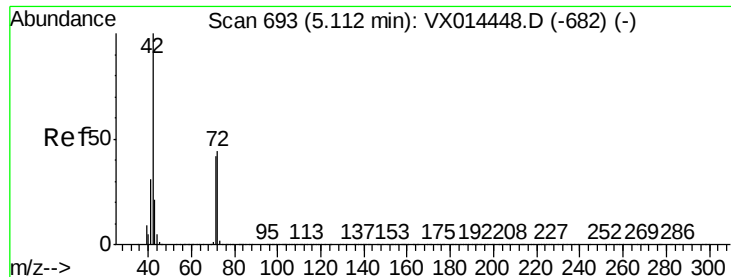


#28

Bromochloromethane
Concen: 47.802 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.2	67.0	100.4





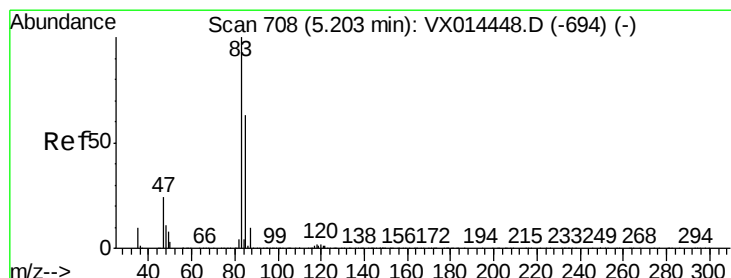
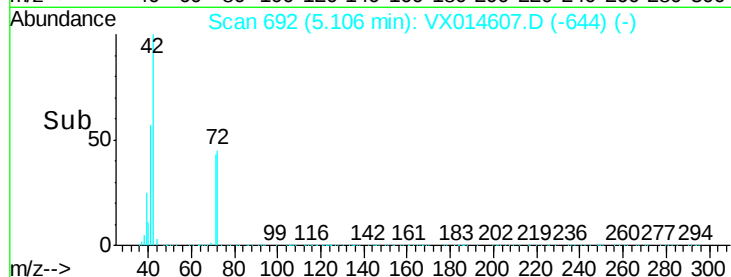
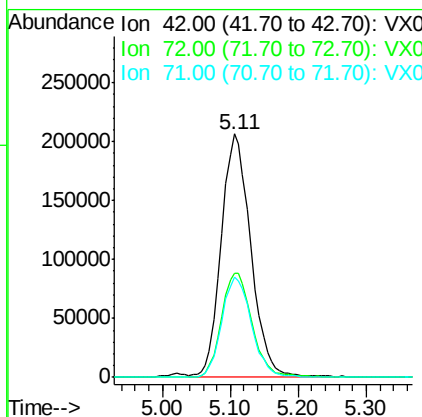
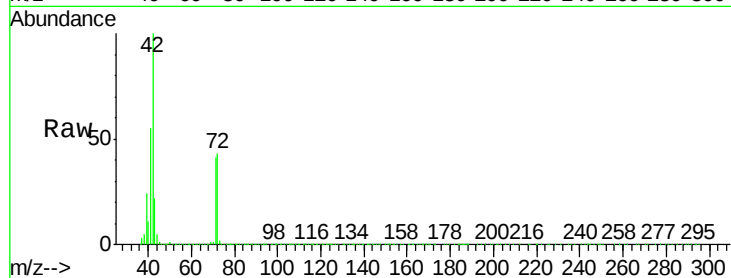
#29
Tetrahydrofuran
Concen: 264.179 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	36.2	54.4
71	41.3	34.1	51.1

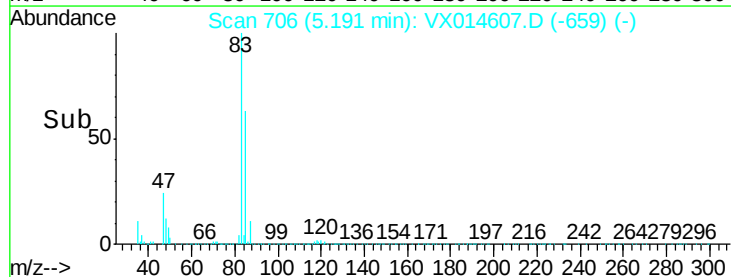
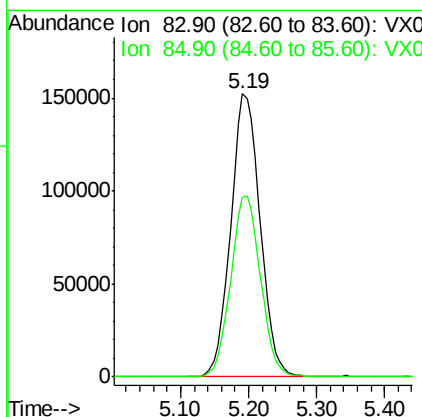
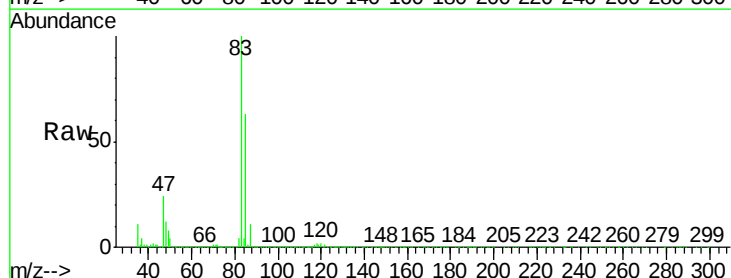
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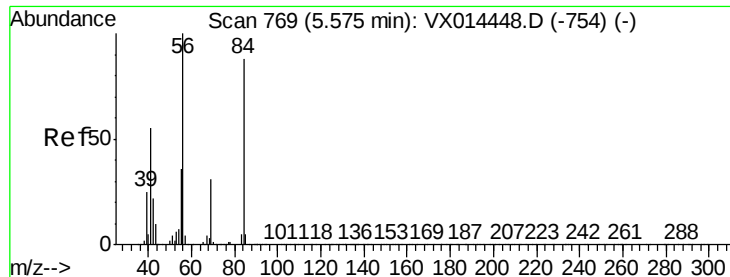
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#30
Chloroform
Concen: 54.010 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	75.8





#31

Cyclohexane

Concen: 54.242 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

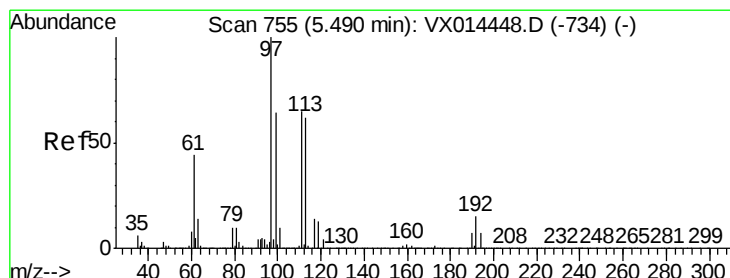
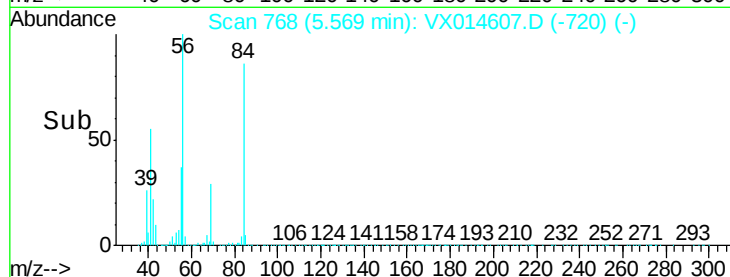
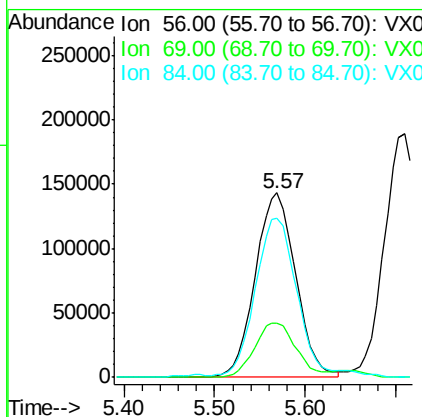
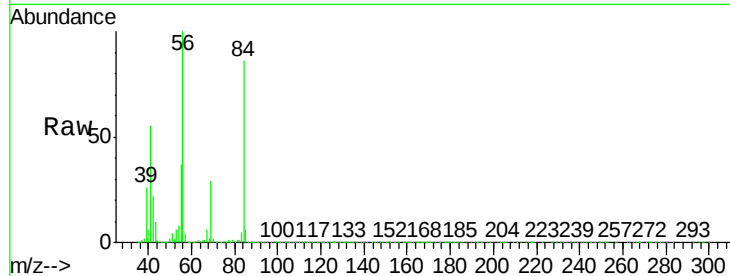
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	439993
Ion Ratio		Lower	Upper
56	100		
69	29.3	24.4	36.6
84	85.0	70.6	106.0

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#32

1,1,1-Trichloroethane

Concen: 53.774 ug/l

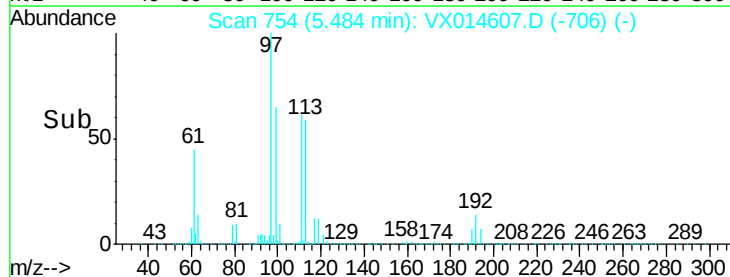
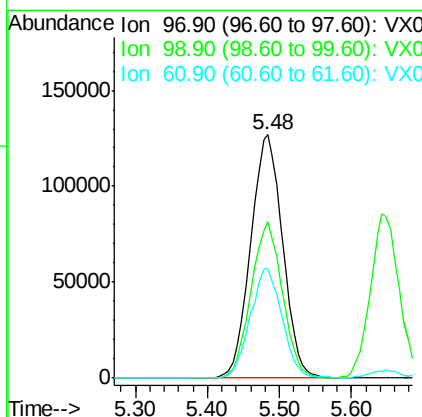
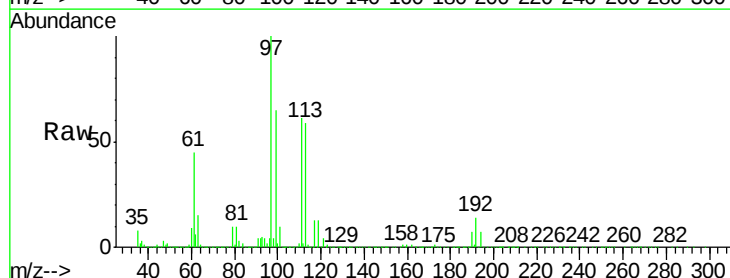
RT: 5.48 min Scan# 754

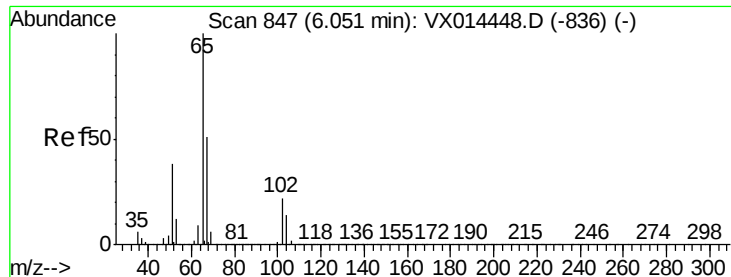
Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	97	Resp:	389795
Ion Ratio		Lower	Upper
97	100		
99	63.3	51.8	77.6
61	44.7	35.9	53.9





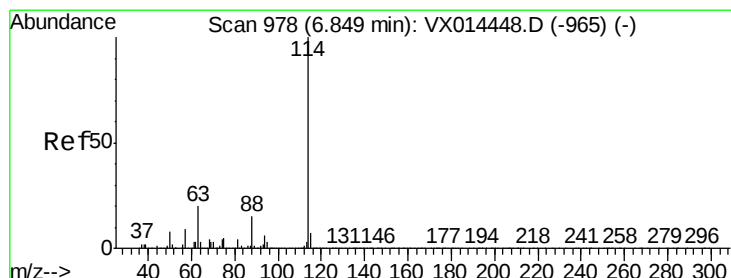
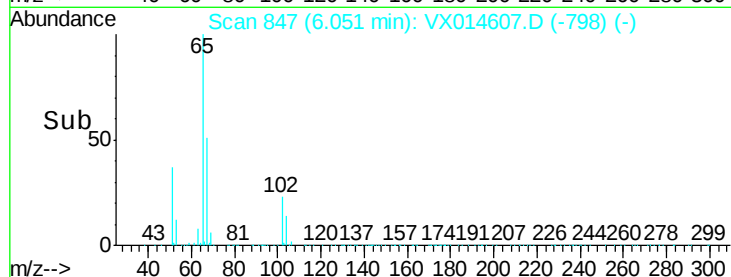
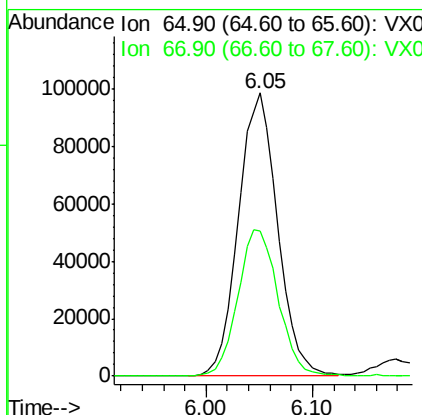
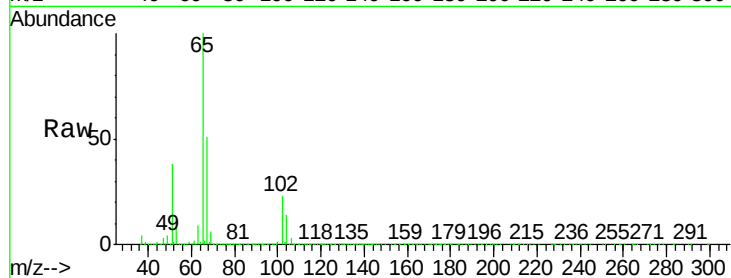
#33
 1,2-Dichloroethane-d4
 Concen: 47.760 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.2

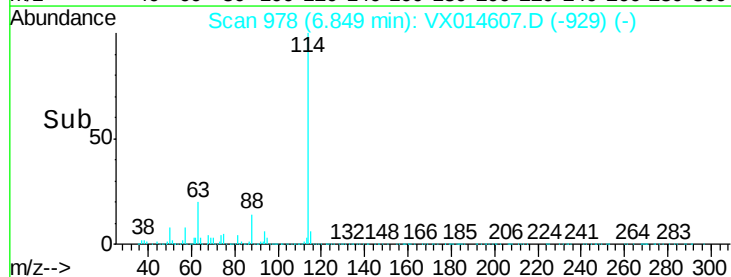
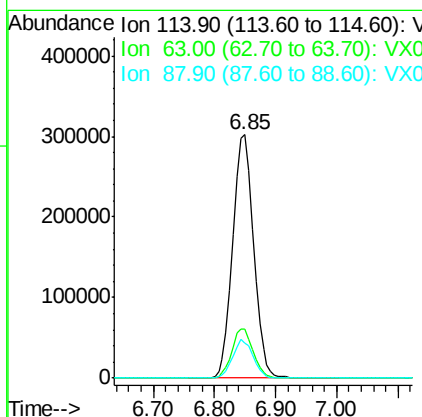
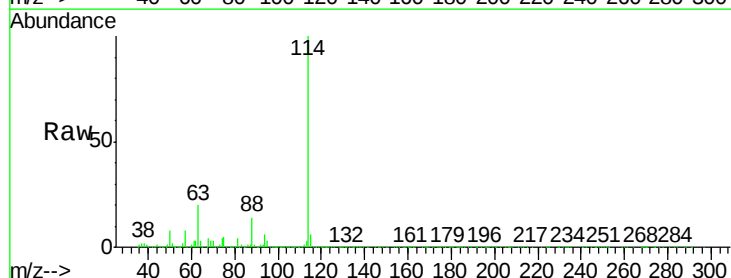
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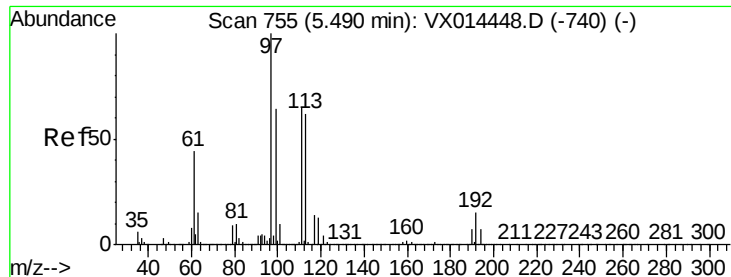
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	14.3	0.0	30.8





#35

Dibromofluoromethane

Concen: 49.166 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

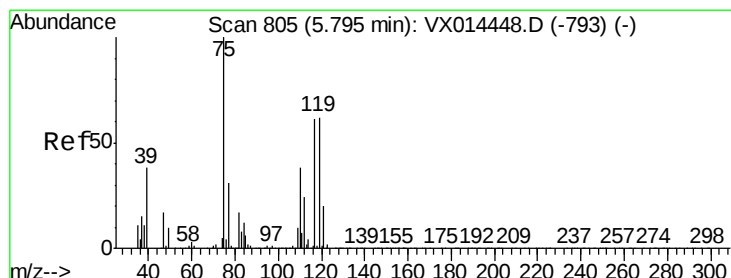
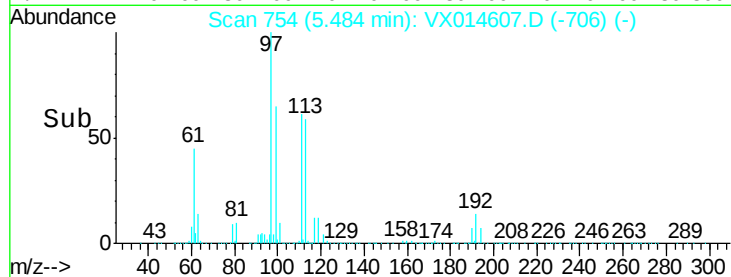
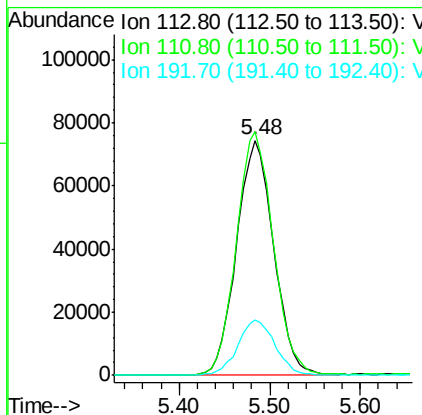
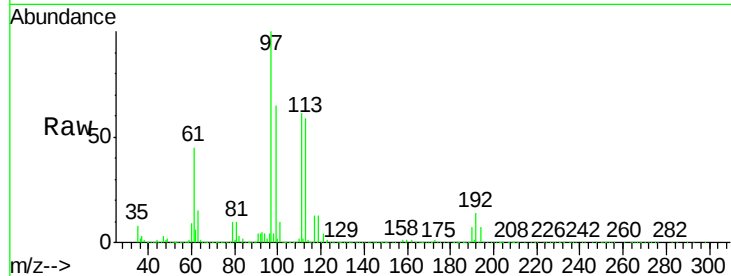
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	210466
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.5	122.3
192	23.5	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 52.541 ug/l

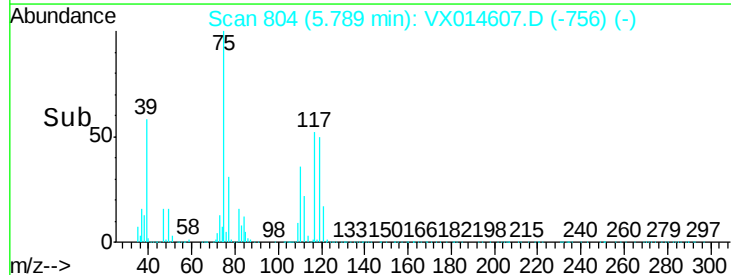
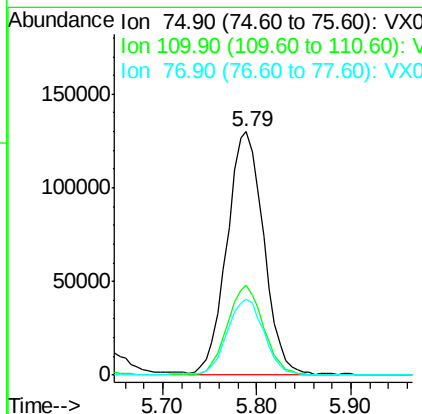
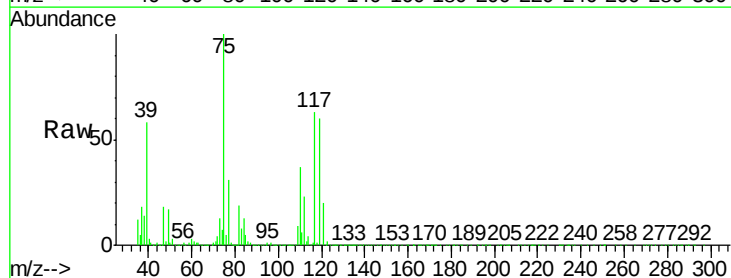
RT: 5.79 min Scan# 804

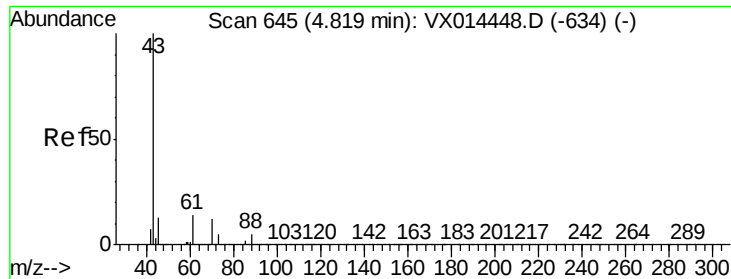
Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	75	Resp:	349402
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.6	55.8
77	30.8	24.5	36.7





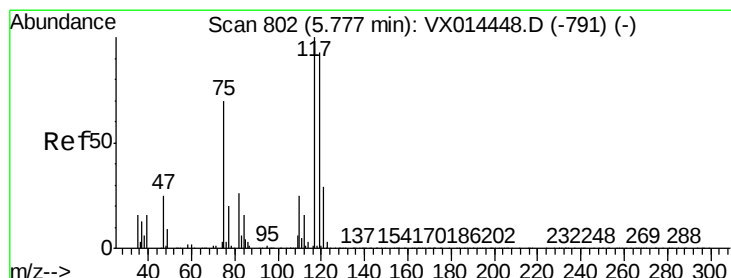
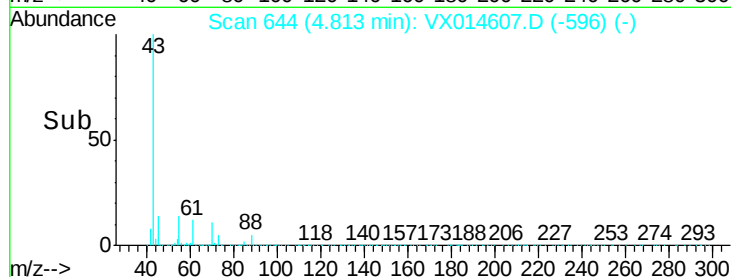
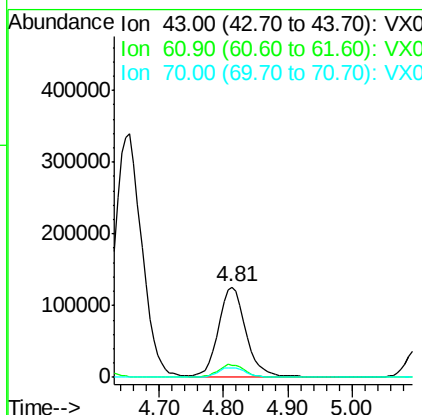
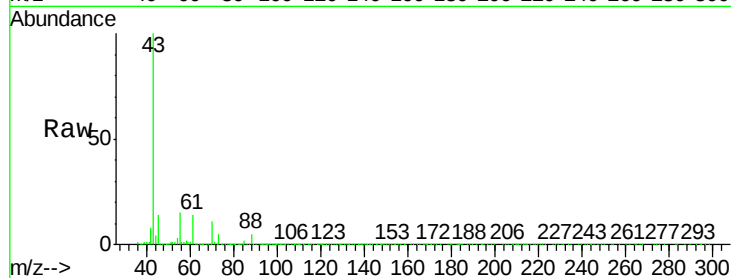
#37
Ethyl Acetate
Concen: 52.098 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.9	8.9	13.3

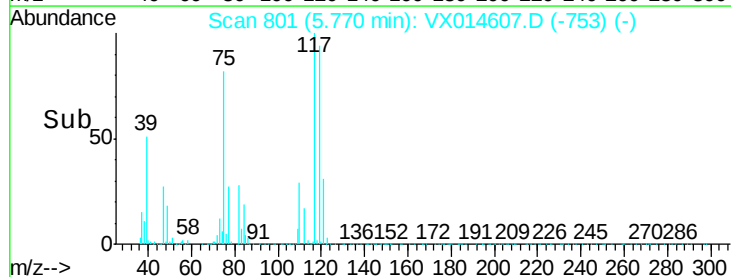
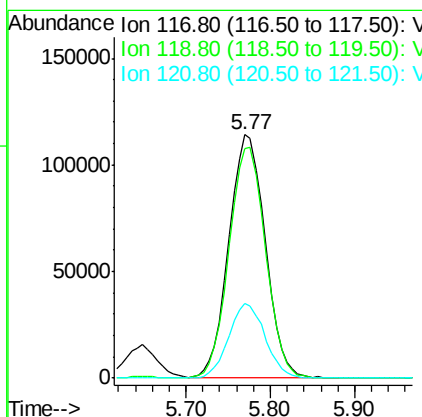
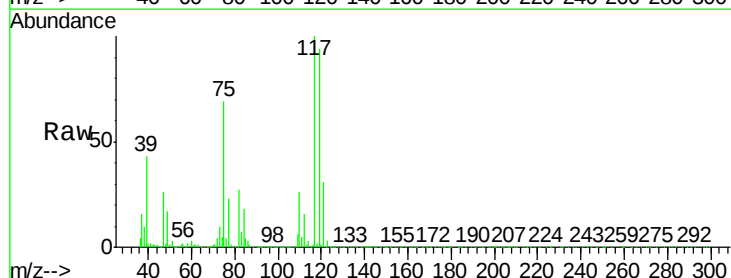
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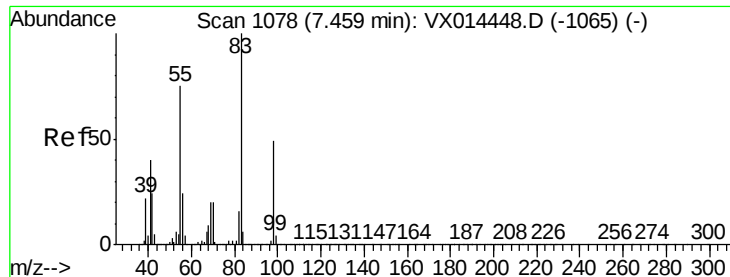
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#38
Carbon Tetrachloride
Concen: 54.632 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	73.8	110.8
121	30.7	23.4	35.0





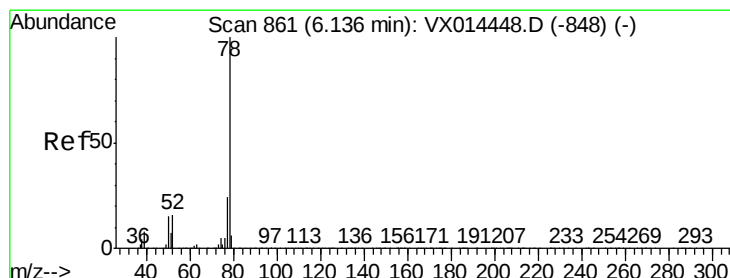
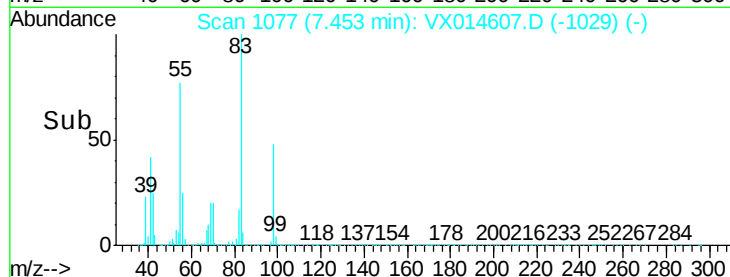
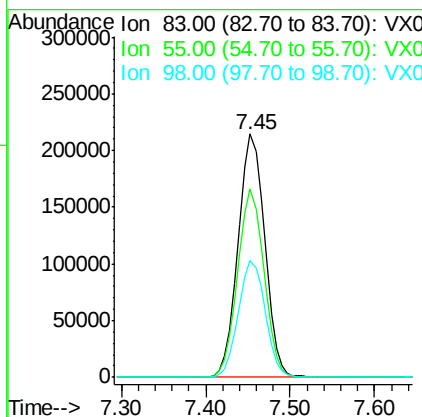
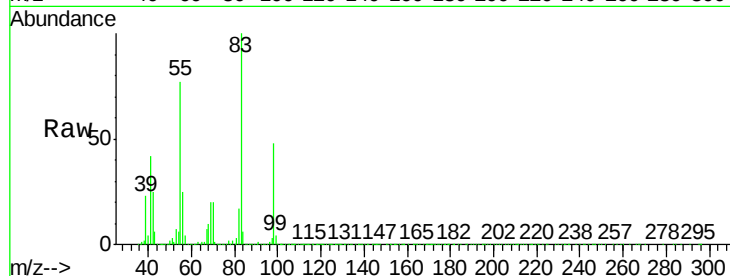
#39
Methvlcvclohexane
Concen: 54.600 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.7	89.5
98	48.0	39.1	58.7

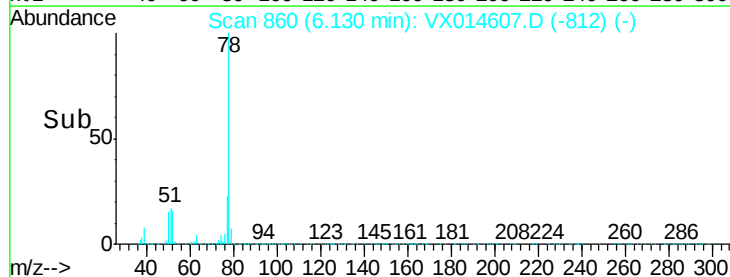
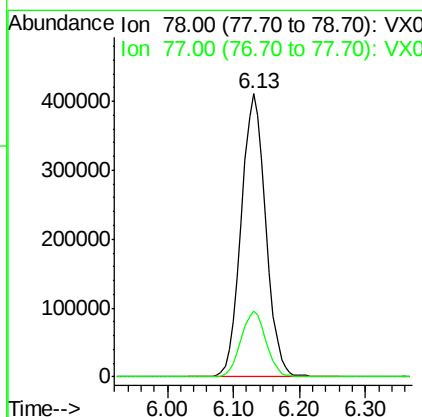
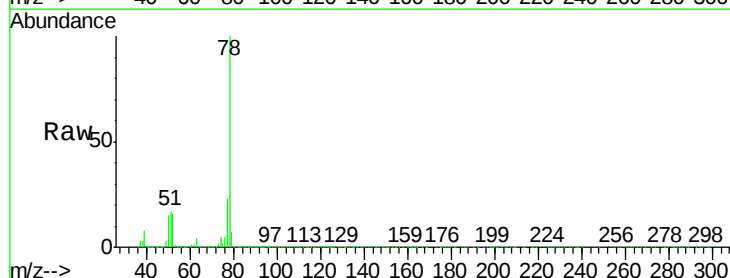
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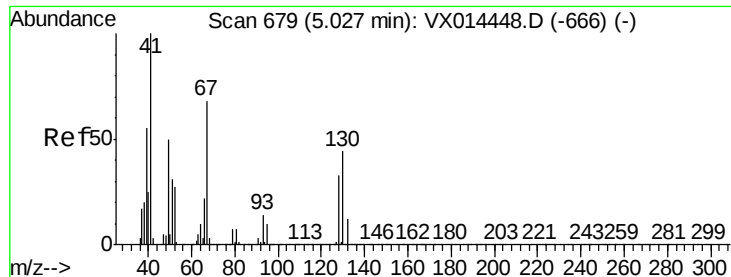
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#40
Benzene
Concen: 53.720 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.5	29.3





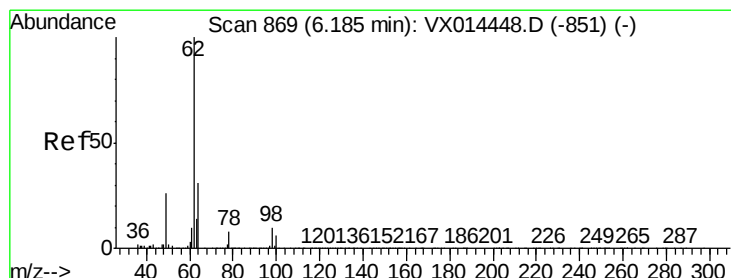
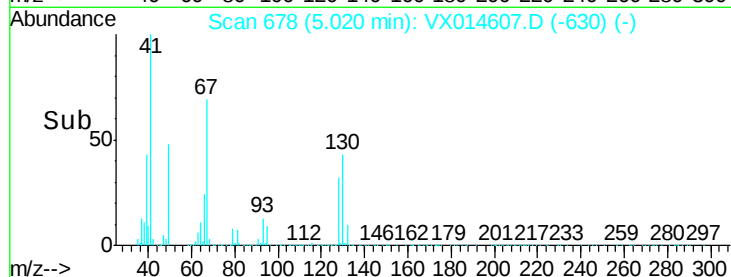
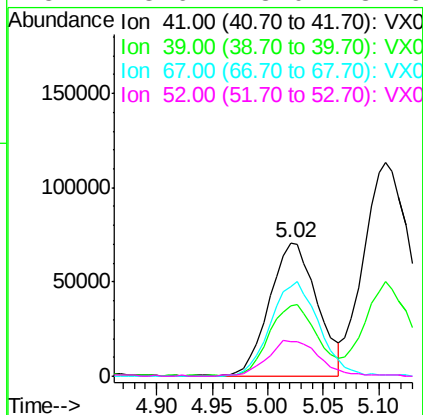
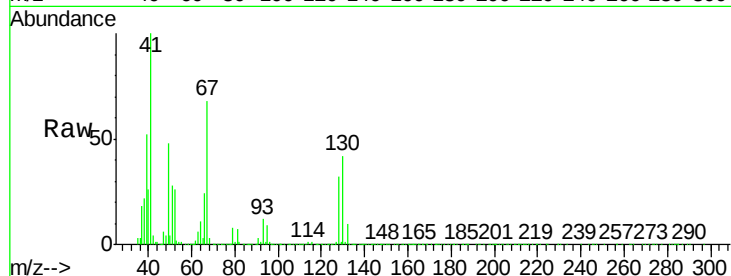
#41
Methacrylonitrile
Concen: 54.651 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.6	65.4
67	71.8	57.9	86.9
52	28.6	23.0	34.6

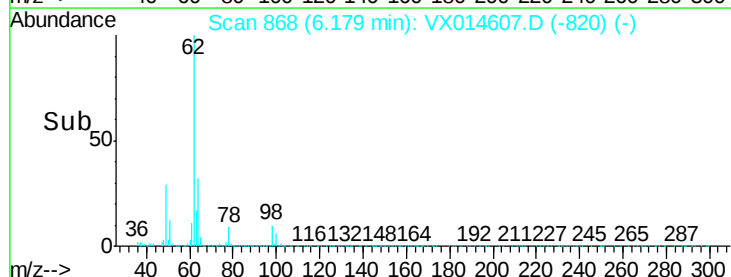
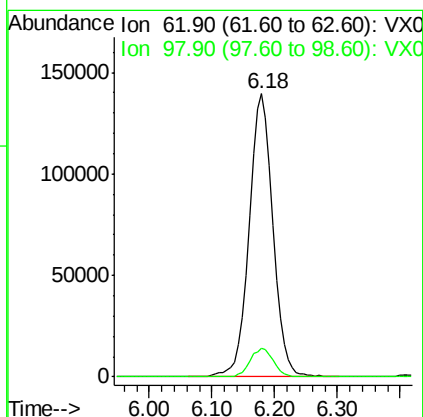
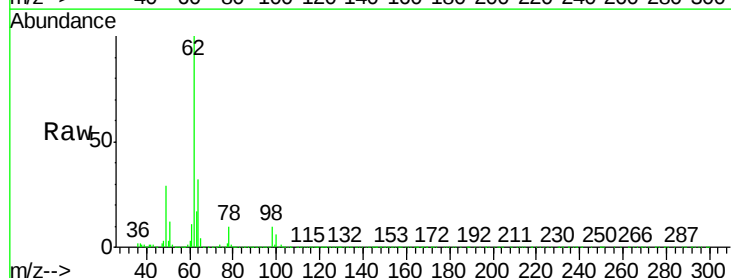
Manual Integrations
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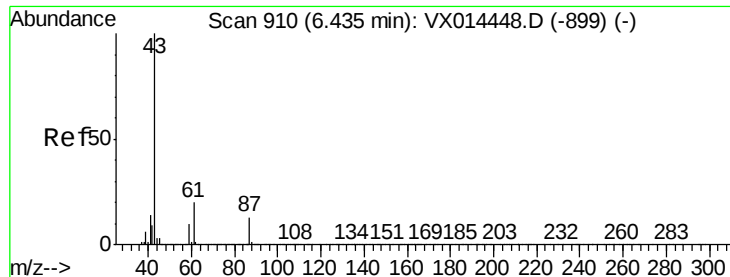
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#42
1,2-Dichloroethane
Concen: 52.703 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

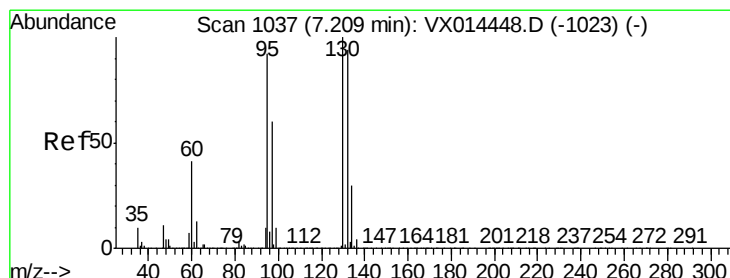
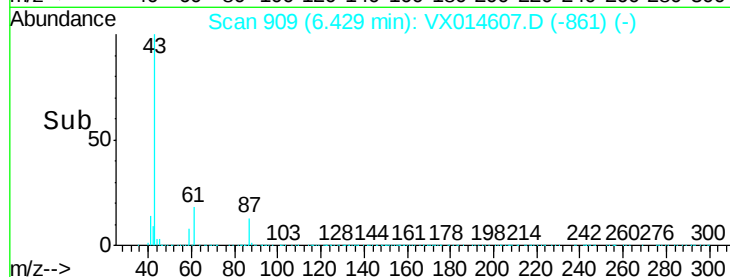
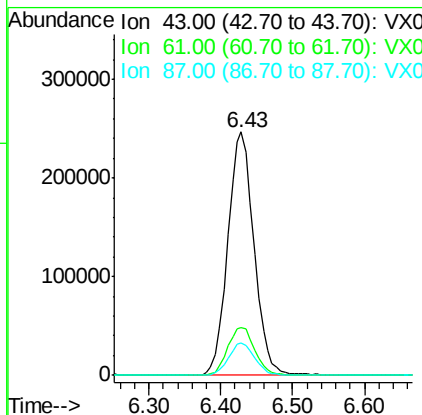
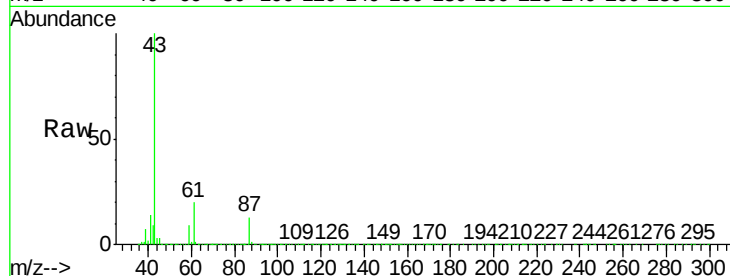
Isopropyl Acetate
 Concen: 53.170 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	620435
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.6	24.8
87	13.3	10.8	16.2

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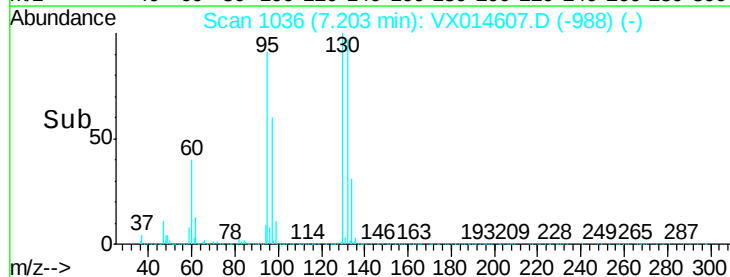
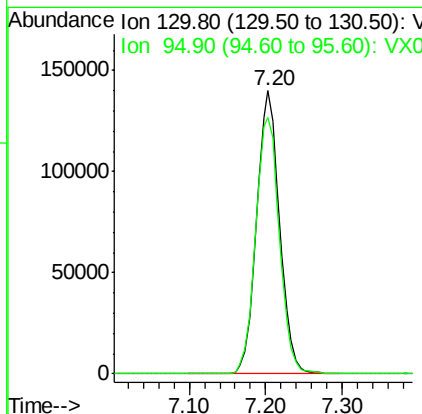
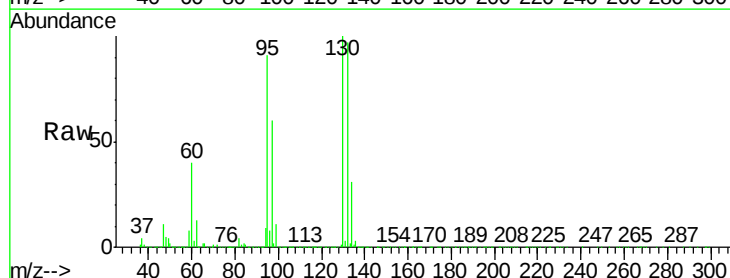
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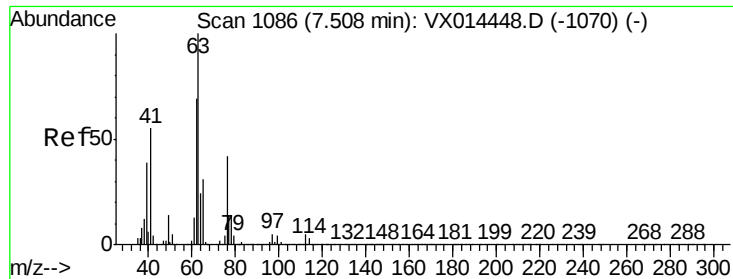


#44

Trichloroethene
 Concen: 51.756 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion:	130	Resp:	293568
Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	184.2





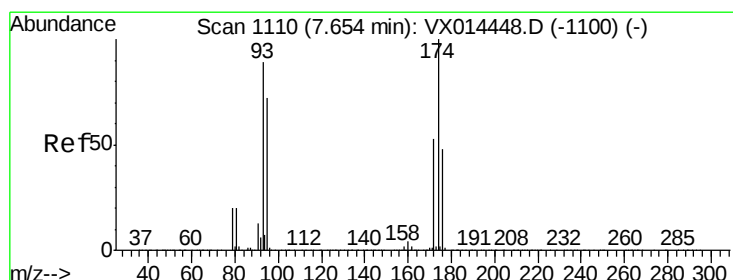
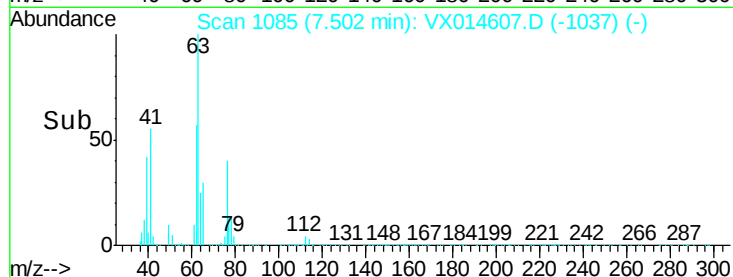
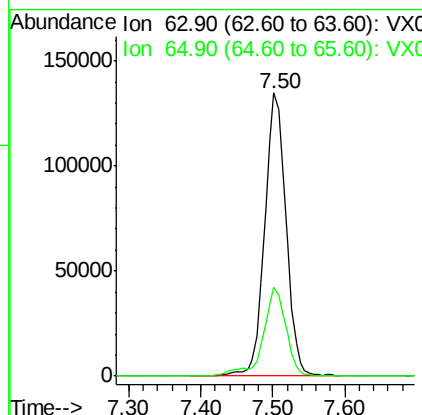
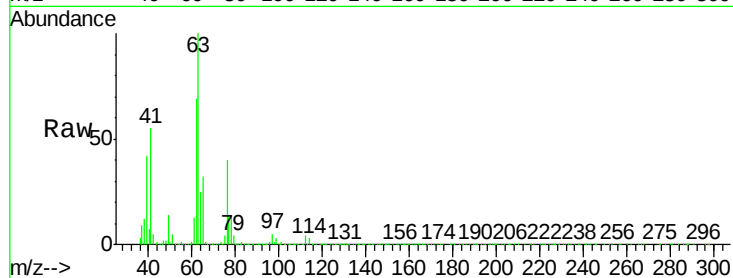
#45
 1,2-Dichloropropane
 Concen: 55.509 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.8	37.2

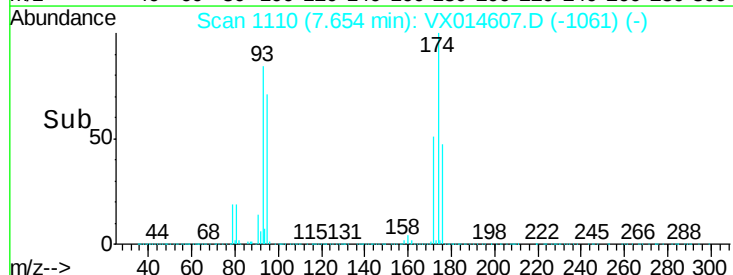
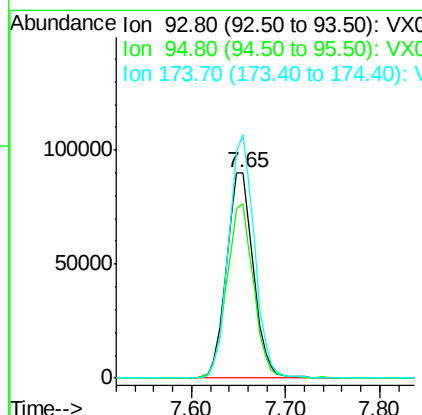
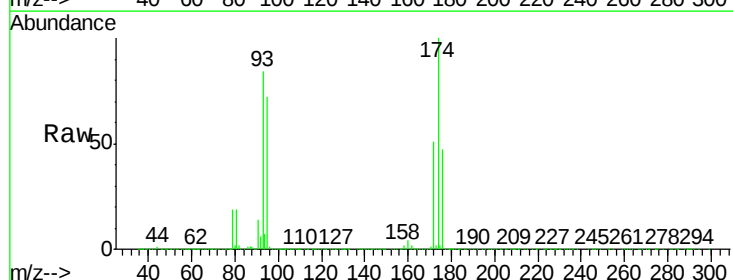
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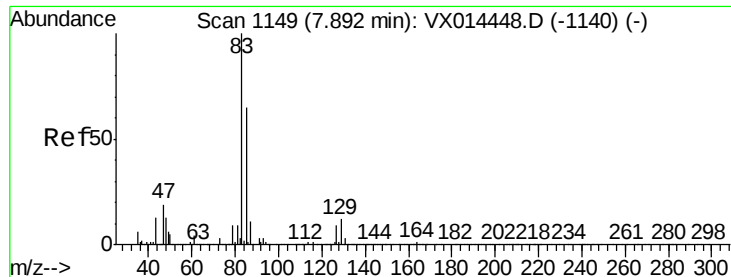
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#46
 Dibromomethane
 Concen: 50.353 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.4	98.2
174	115.2	93.0	139.4





#47

Bromodichloromethane

Concen: 55.626 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

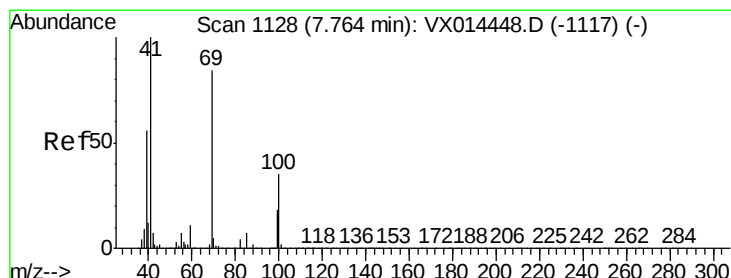
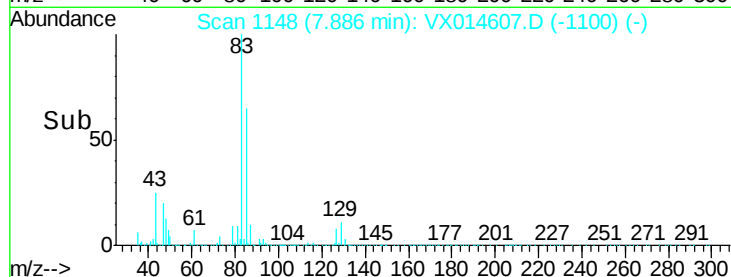
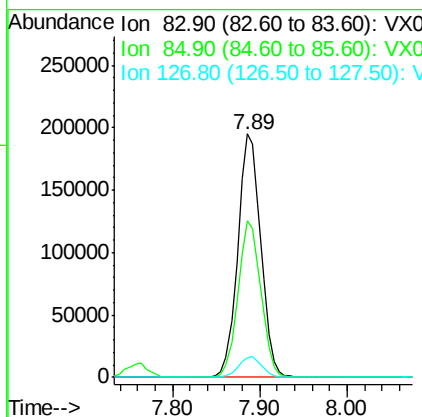
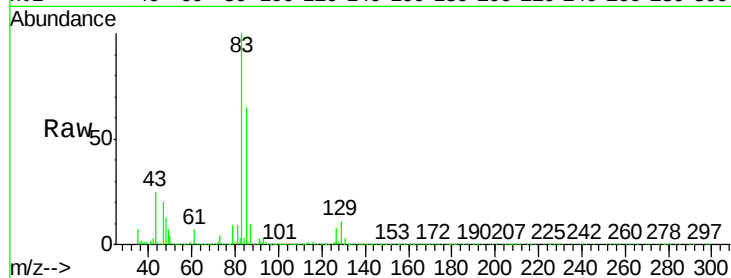
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	355495
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.7	77.5
127	8.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.609 ug/l

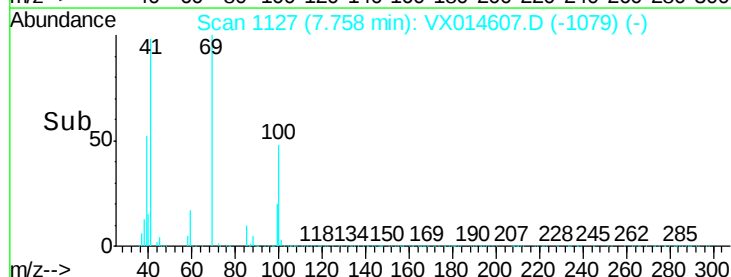
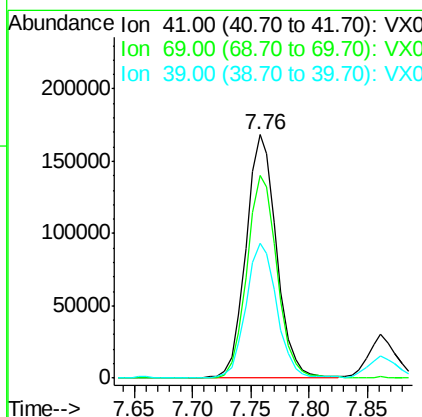
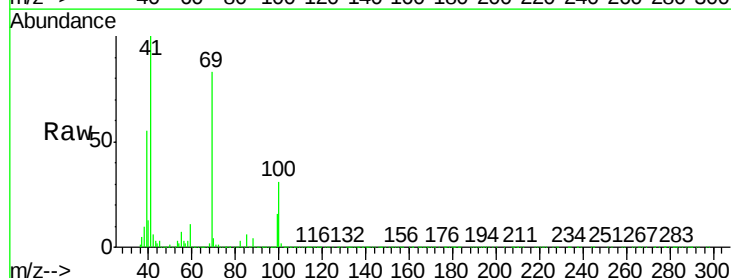
RT: 7.76 min Scan# 1127

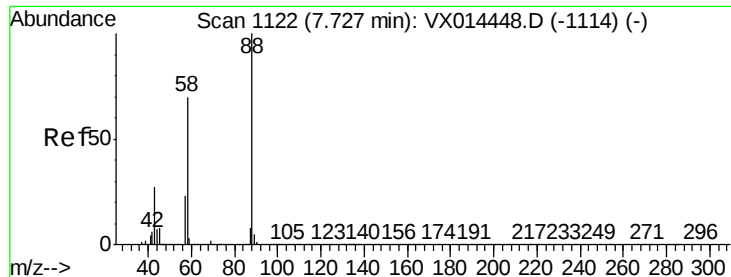
Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	41	Resp:	305199
Ion Ratio	Lower	Upper	
41	100		
69	83.6	65.5	98.3
39	56.1	43.9	65.9





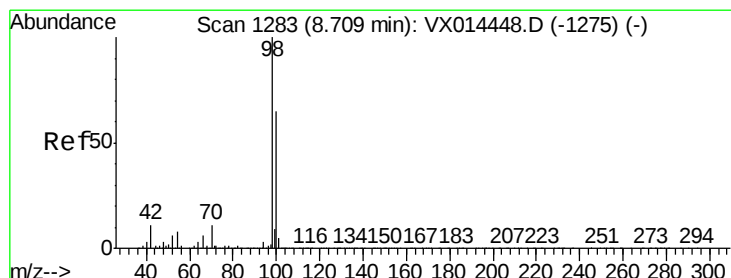
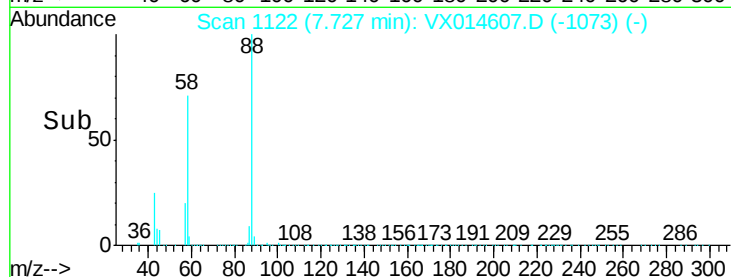
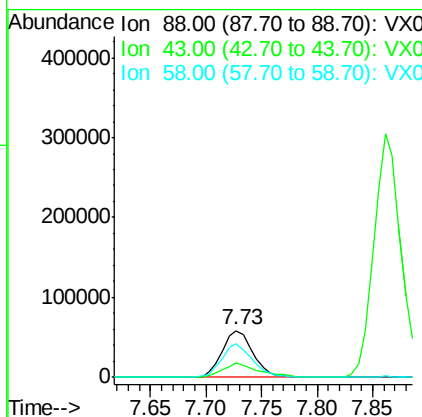
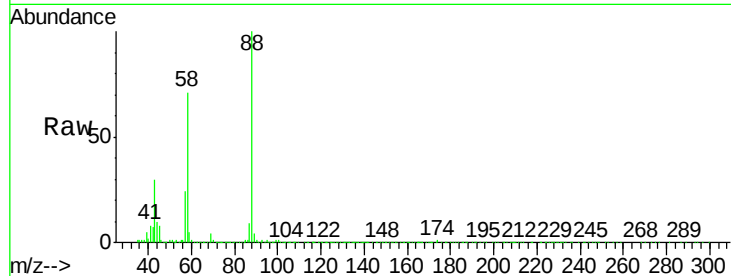
#49
1,4-Dioxane
Concen: 949.789 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.4	41.0
58	73.0	57.1	85.7

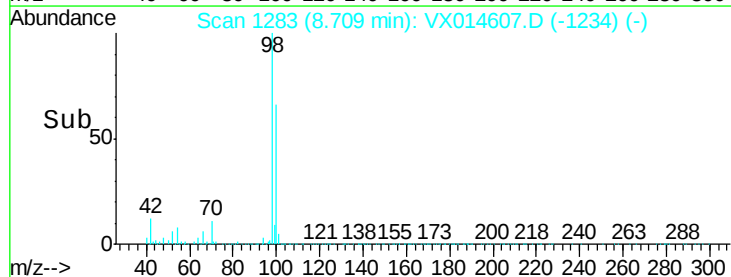
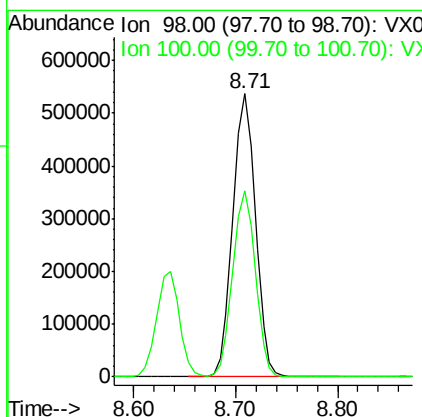
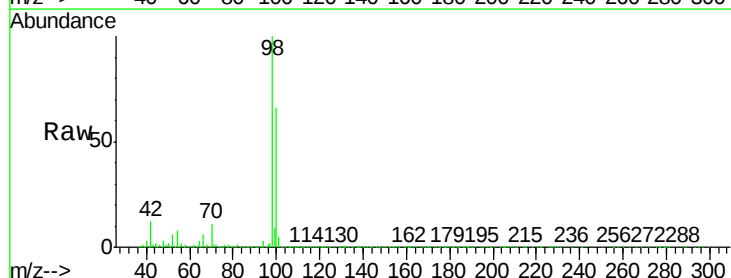
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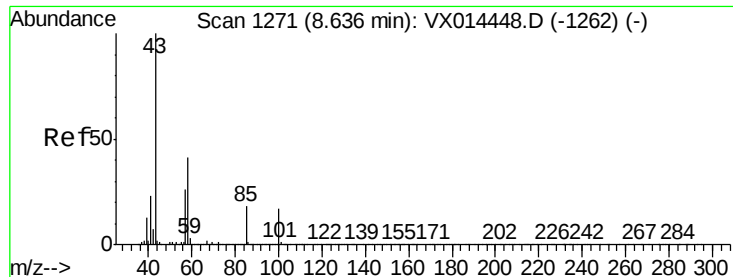
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#50
Toluene-d8
Concen: 49.585 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 268.797 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1911338

Ion Ratio Lower Upper

43 100

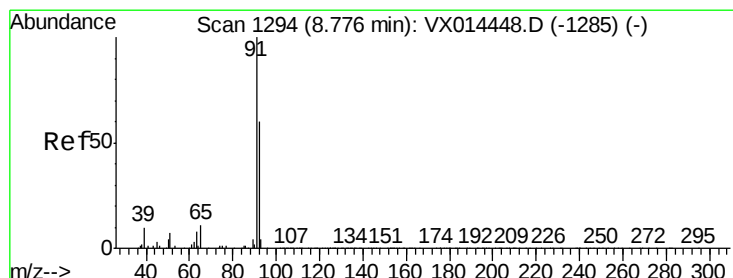
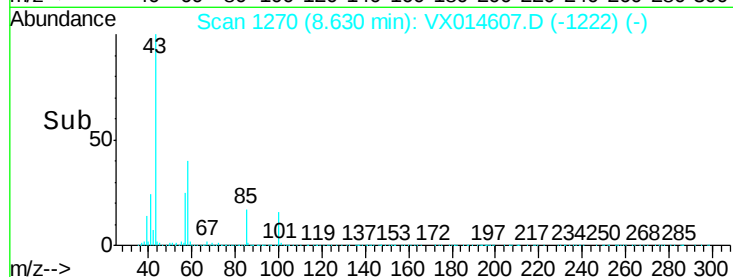
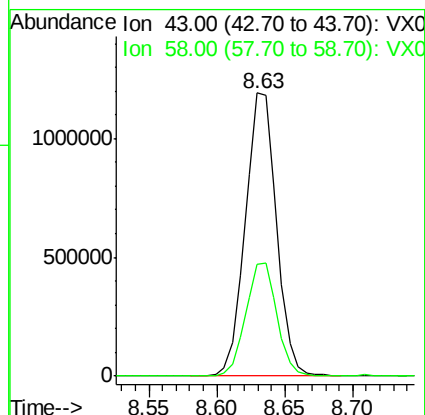
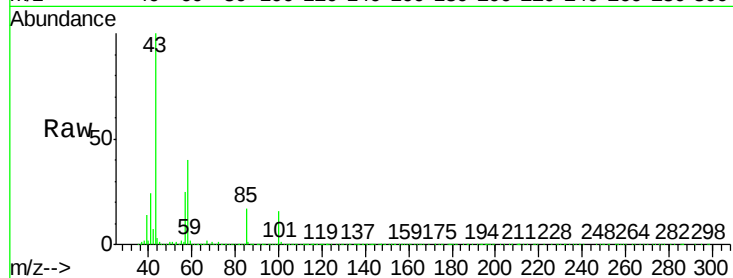
58 39.8 32.4 48.6

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#52

Toluene

Concen: 52.706 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014607.D

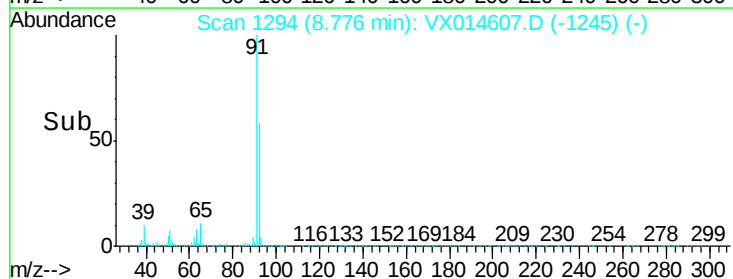
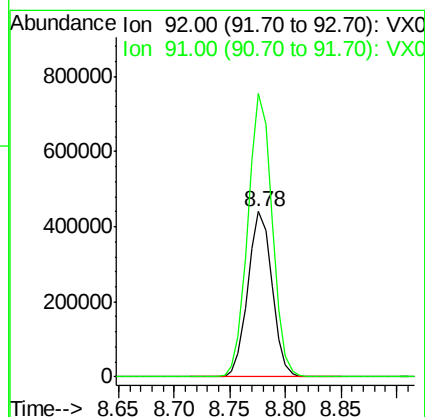
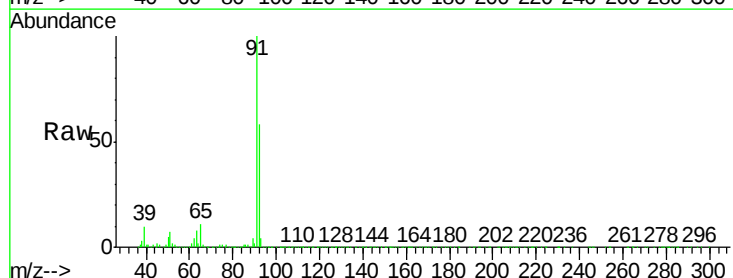
Acq: 14 Jan 2020 16:59

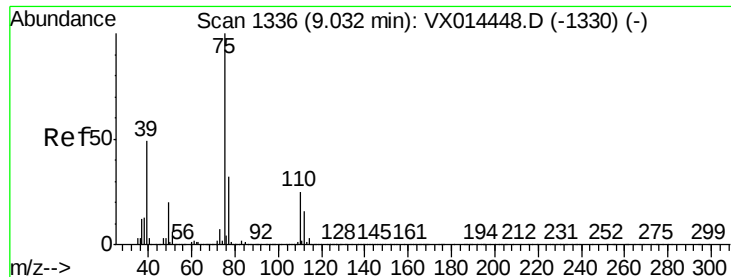
Tgt Ion: 92 Resp: 665932

Ion Ratio Lower Upper

92 100

91 172.1 135.7 203.5





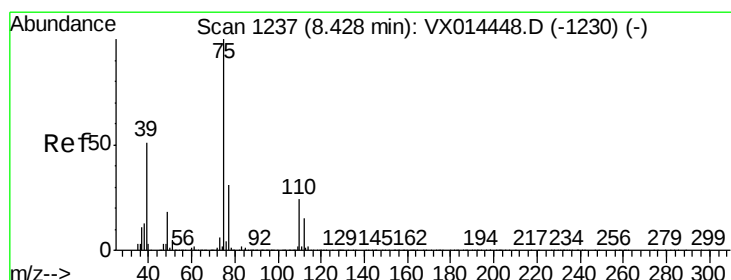
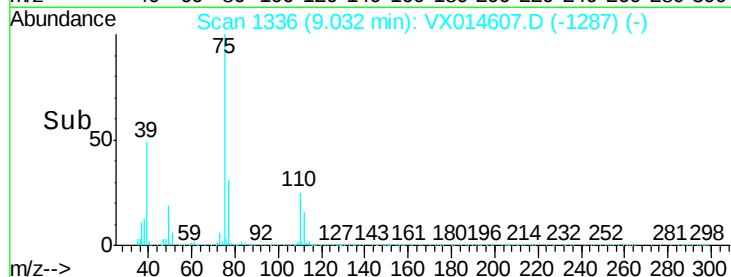
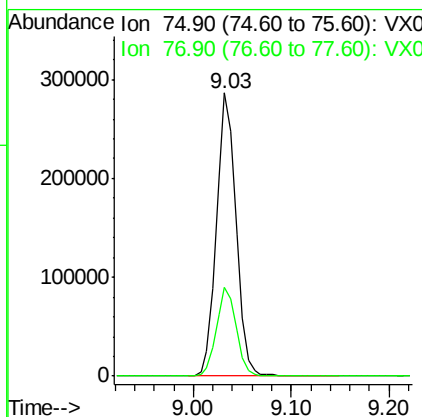
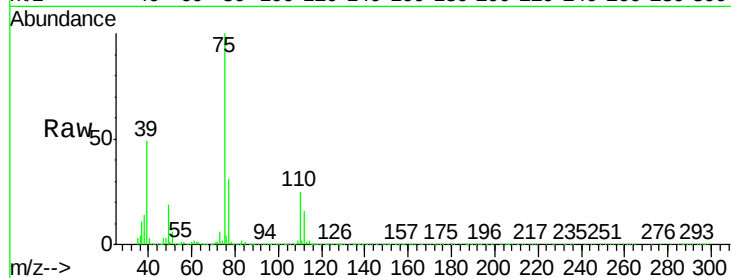
#53
t-1,3-Dichloropropene
Concen: 53.395 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2

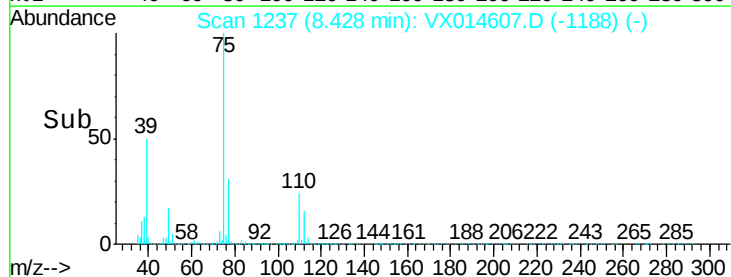
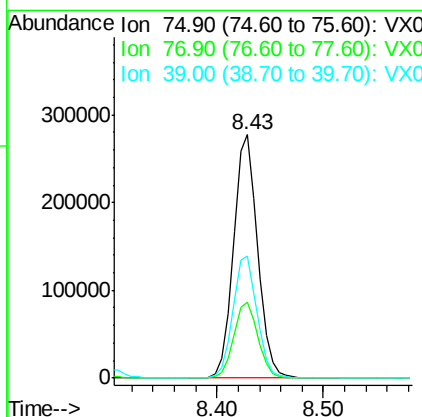
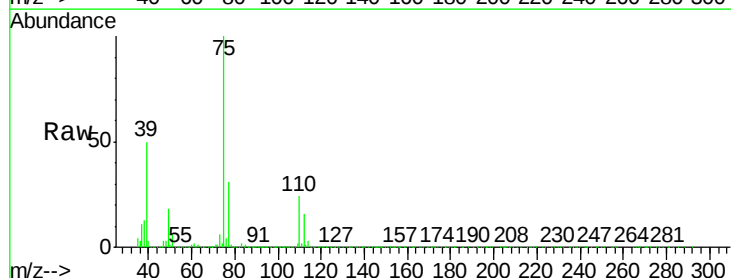
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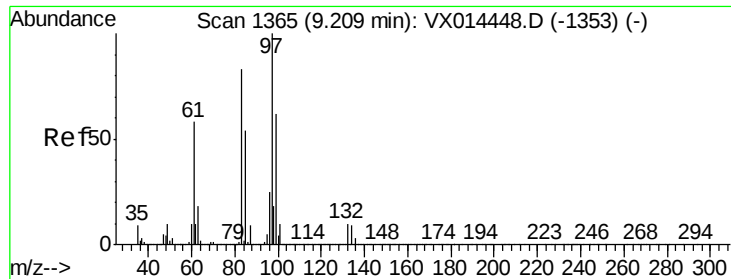
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#54
cis-1,3-Dichloropropene
Concen: 54.574 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	50.2	40.7	61.1





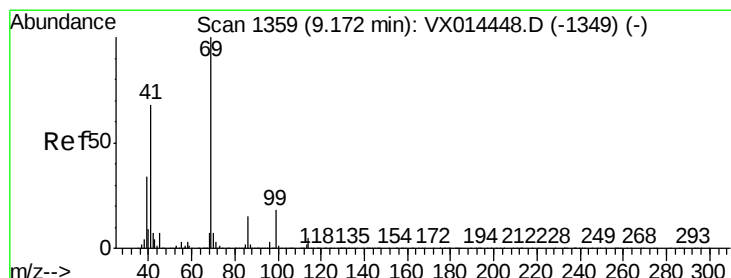
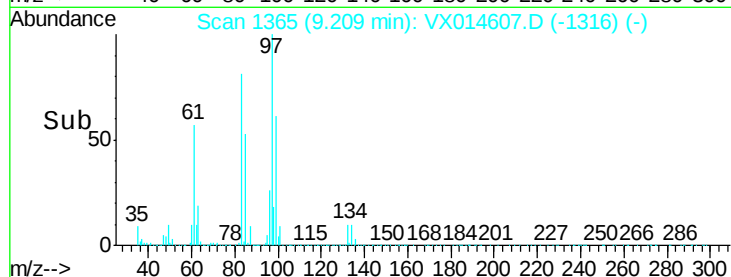
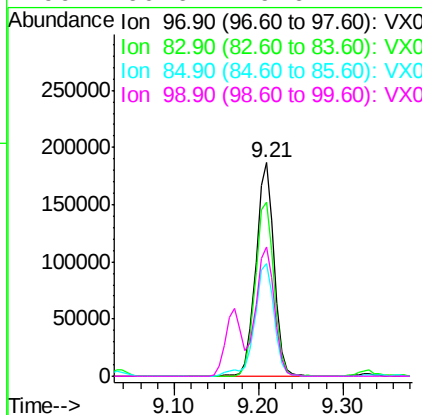
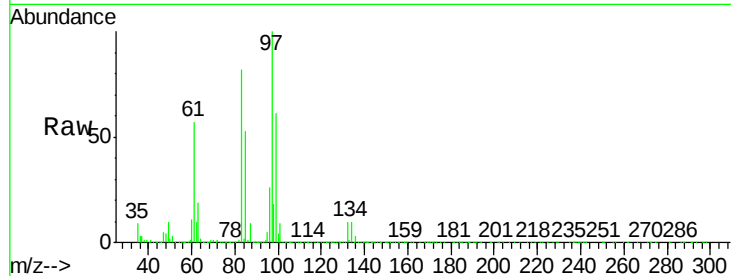
#55
 1,1,2-Trichloroethane
 Concen: 53.810 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		273080		
83	81.4	66.4	99.6		
85	52.9	43.4	65.2		
99	60.6	49.6	74.4		

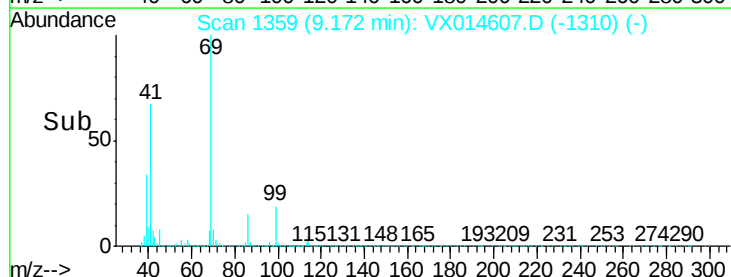
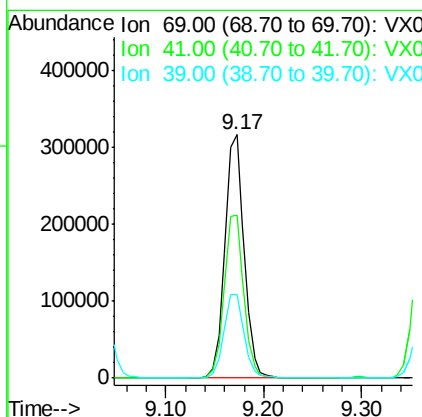
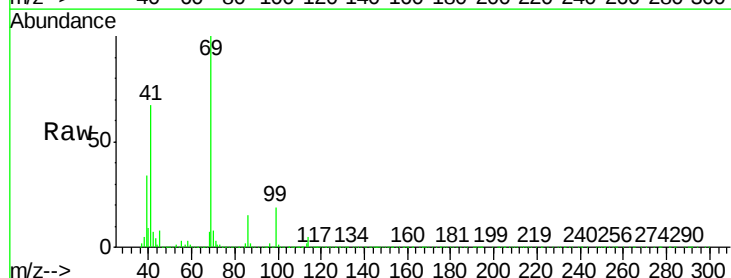
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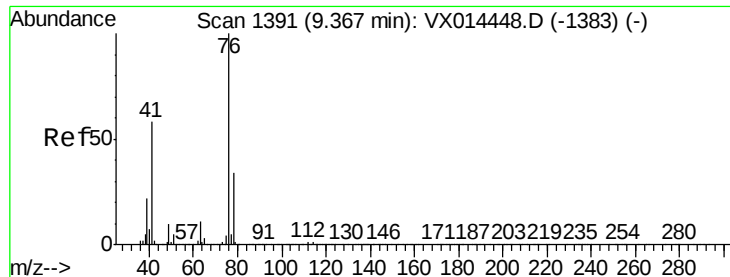
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#56
 Ethyl methacrylate
 Concen: 55.386 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		430626		
41	67.9	54.2	81.2		
39	36.0	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 53.634 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 455098

Ion Ratio Lower Upper

76 100

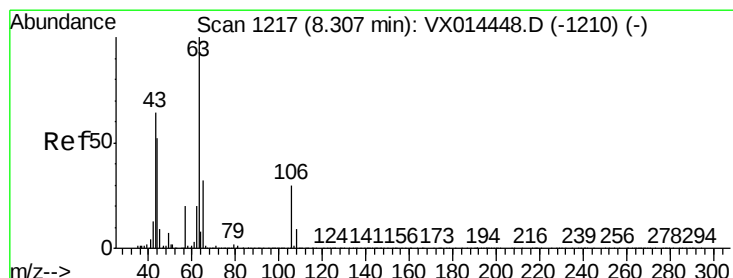
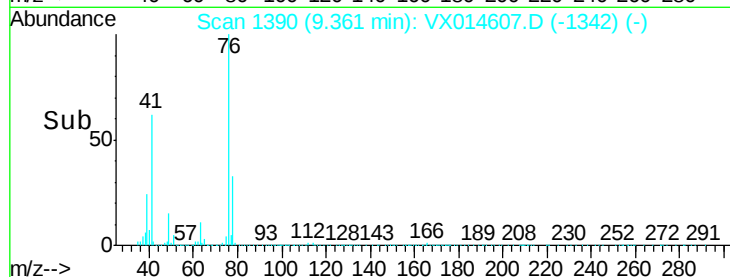
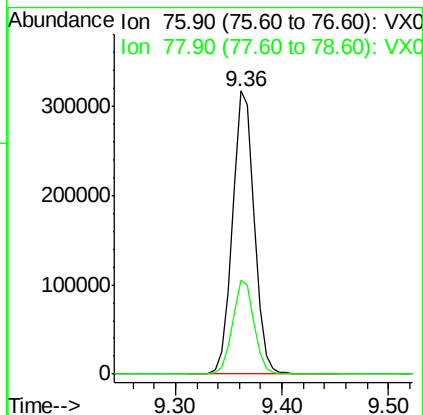
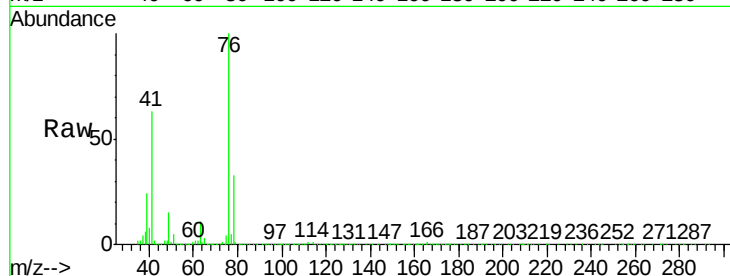
78 32.6 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 261.818 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014607.D

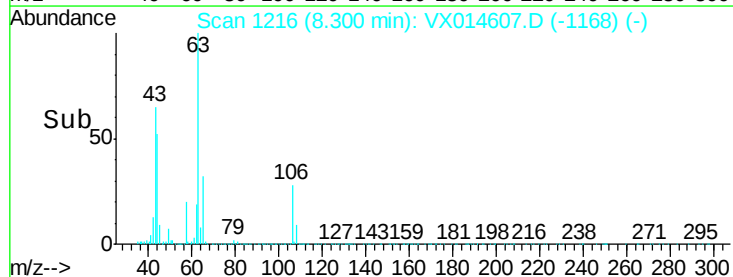
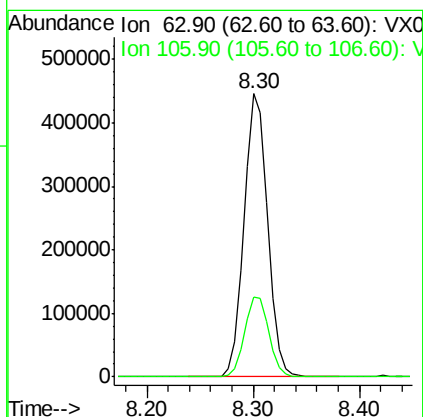
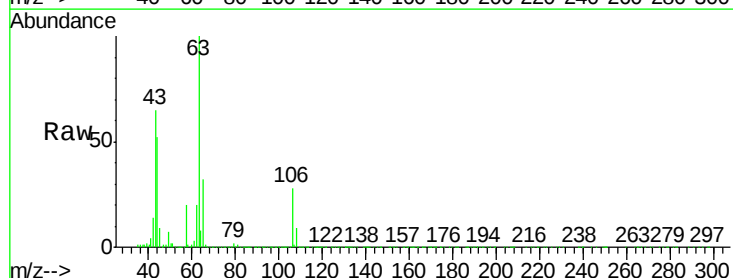
Acq: 14 Jan 2020 16:59

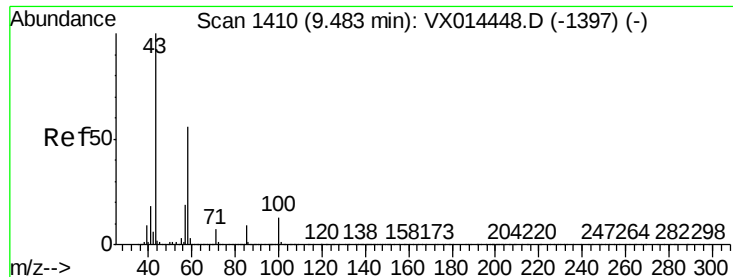
Tgt Ion: 63 Resp: 692592

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





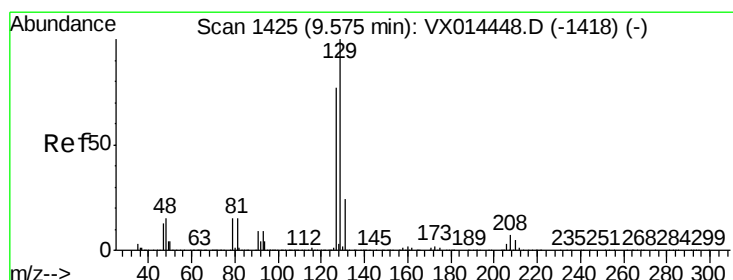
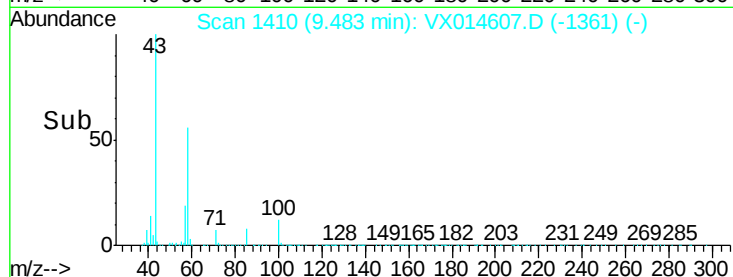
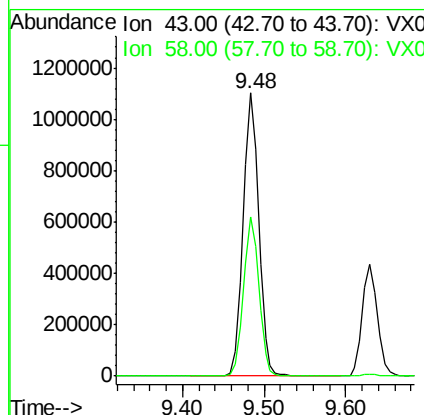
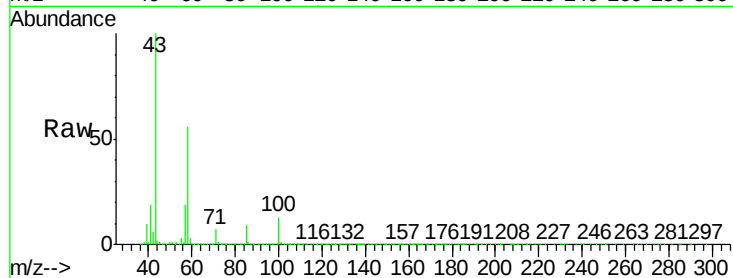
#59
2-Hexanone
Concen: 256.643 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1443952
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.7

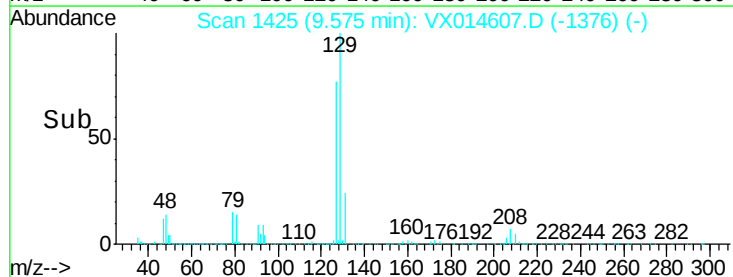
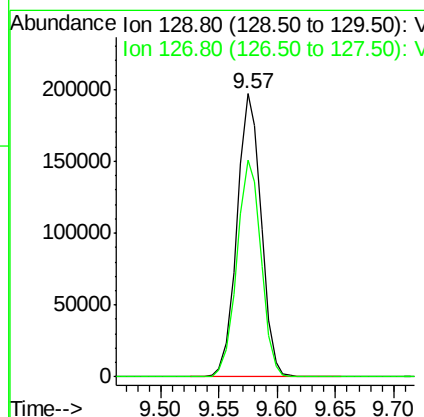
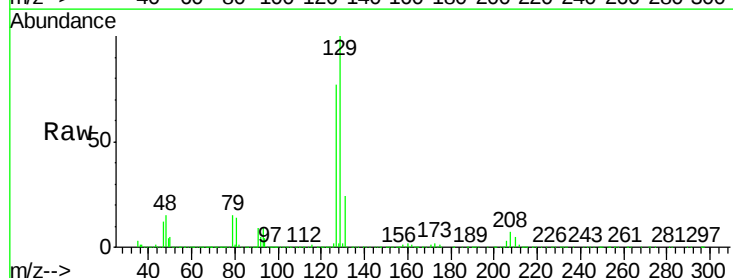
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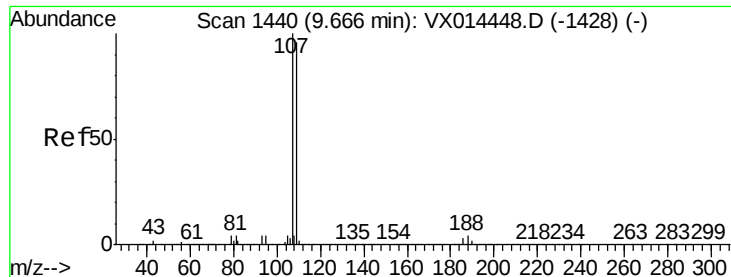
MMDadoda
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#60
Dibromochloromethane
Concen: 55.906 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 129 Resp: 285171
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.376 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 281565

Ion Ratio Lower Upper

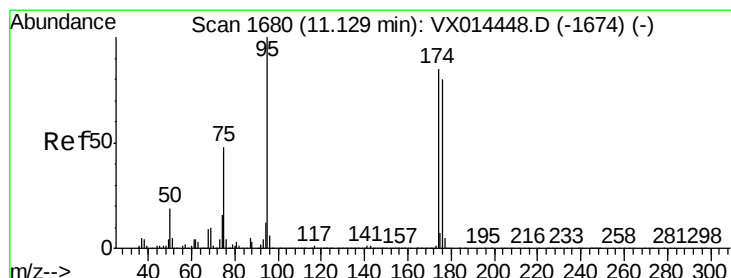
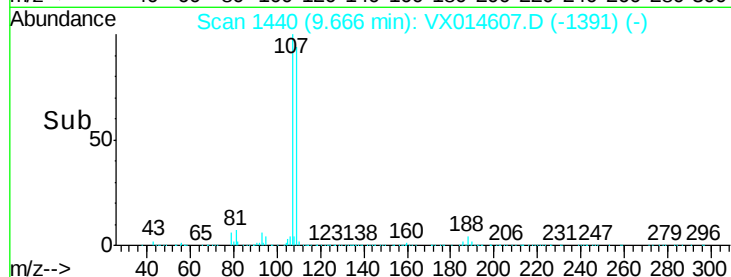
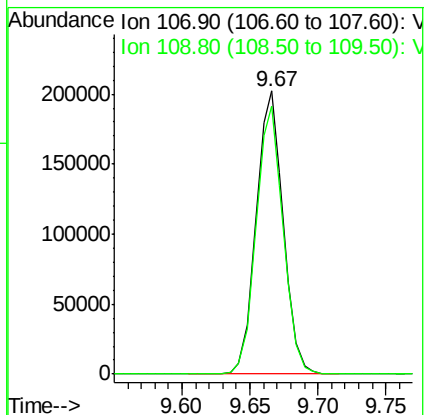
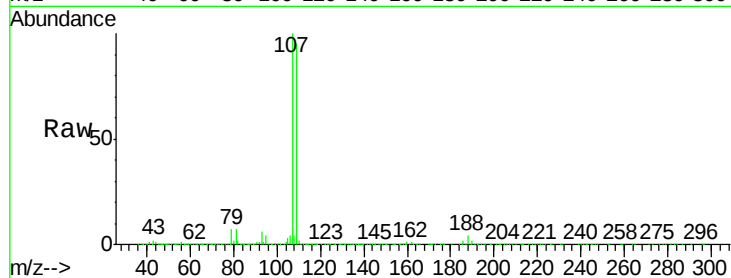
107 100

109 95.2 76.5 114.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.247 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

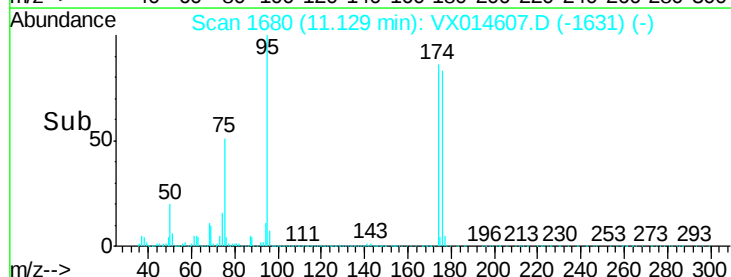
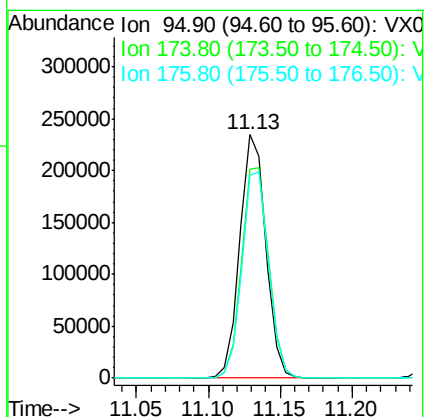
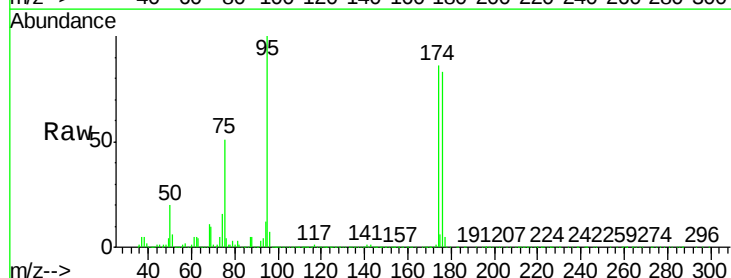
Tgt Ion: 95 Resp: 294234

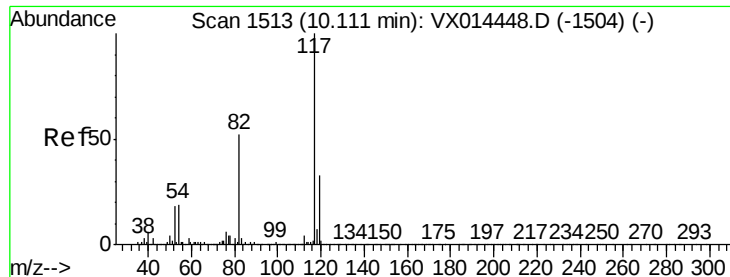
Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.8

176 86.6 0.0 172.8





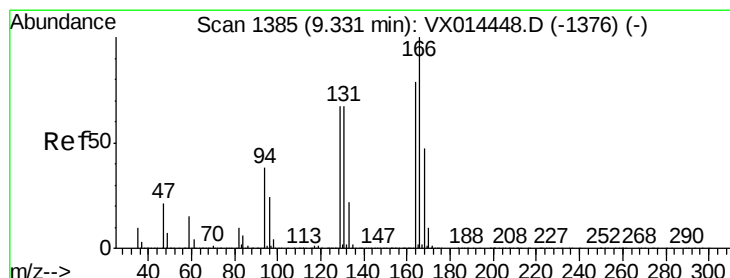
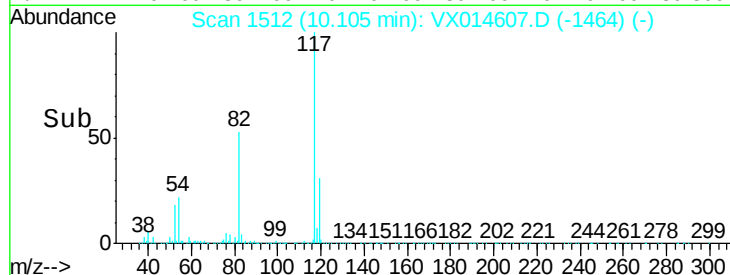
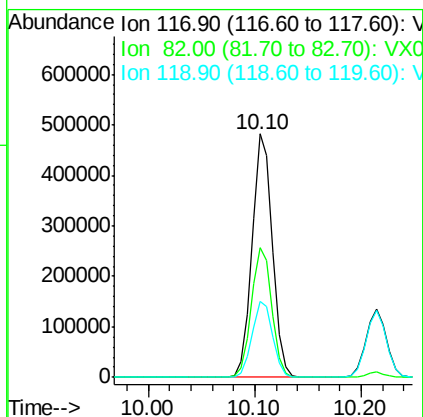
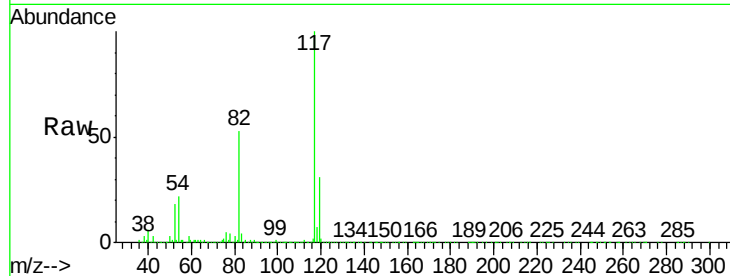
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.6
119	31.3	26.2	39.4

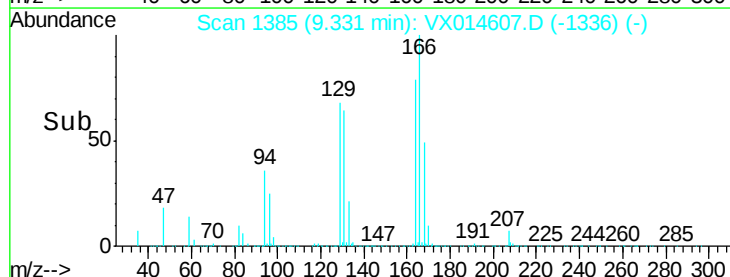
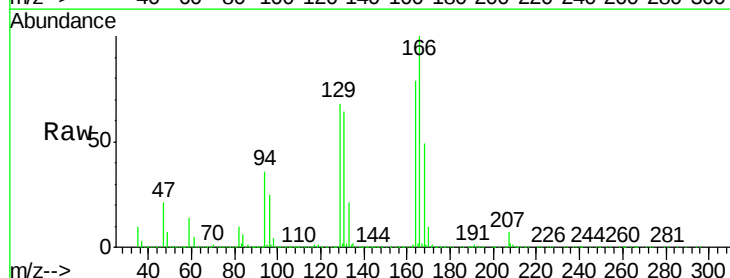
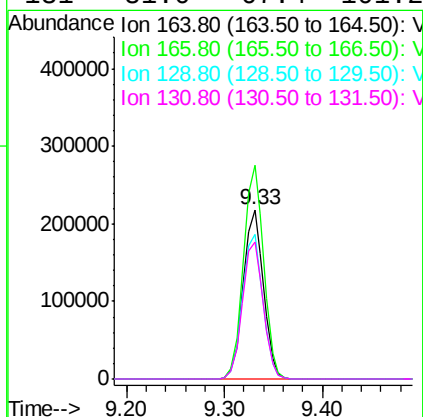
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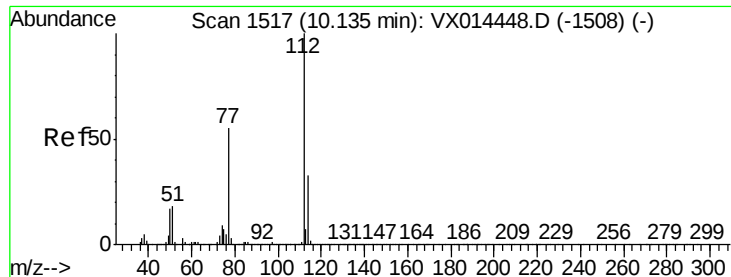
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#64
Tetrachloroethene
Concen: 48.476 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.2	151.8
129	85.7	68.3	102.5
131	81.0	67.4	101.2





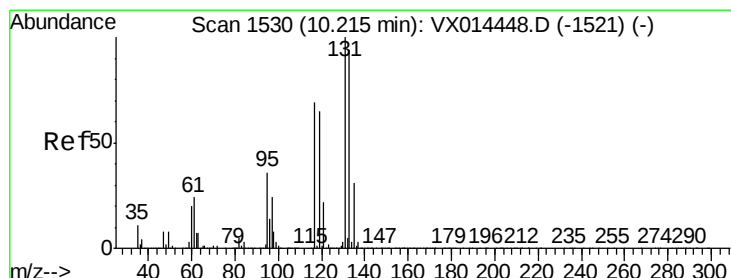
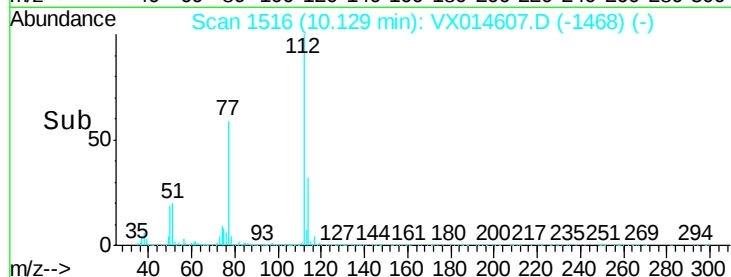
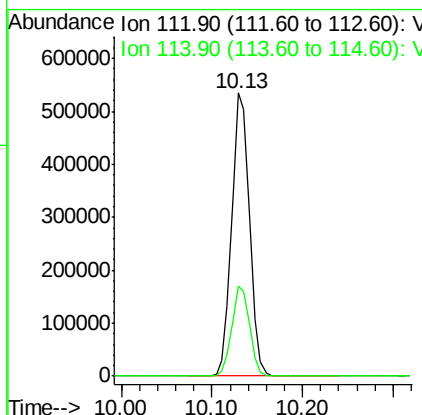
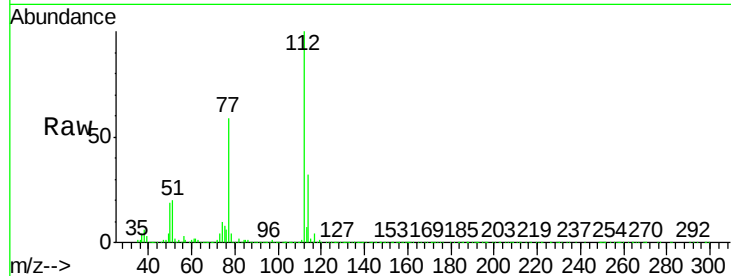
#65
Chlorobenzene
Concen: 52.128 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 727054
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4

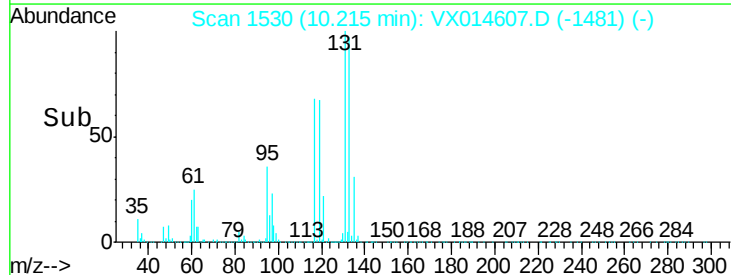
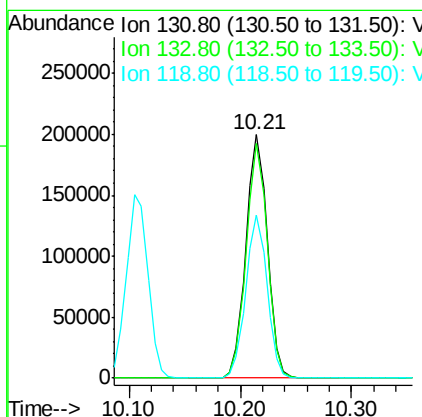
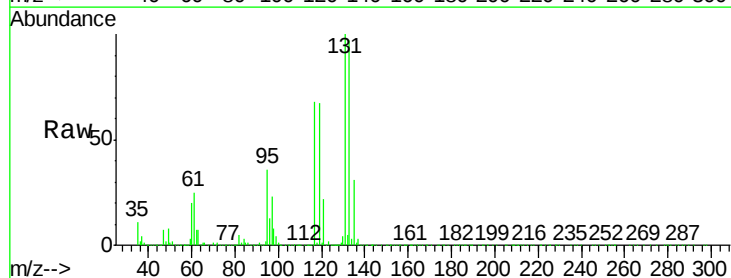
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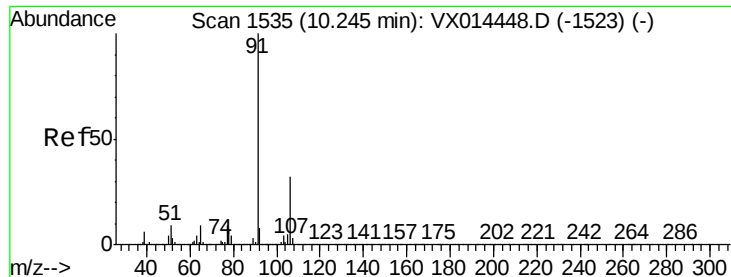
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.599 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion:131 Resp: 266791
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 66.6 32.8 98.4





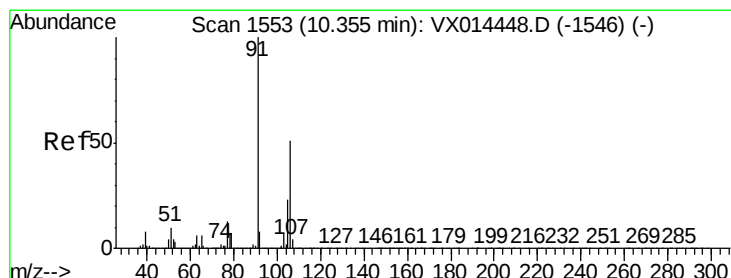
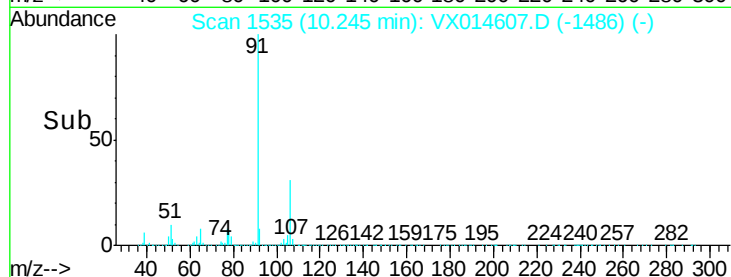
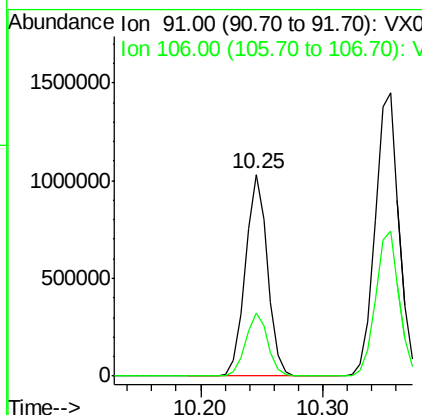
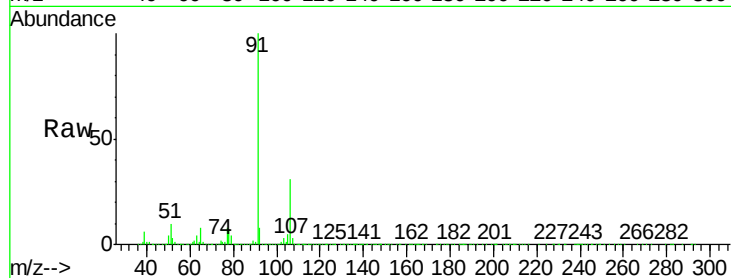
#67
Ethyl Benzene
Concen: 54.023 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1284290
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

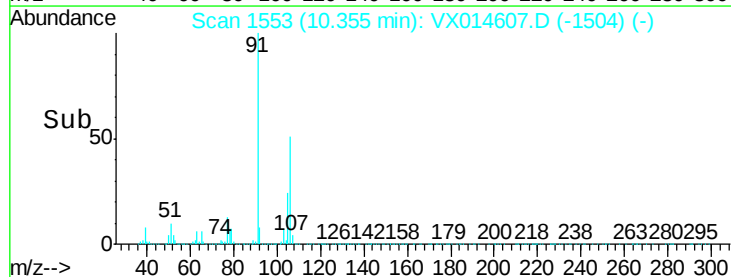
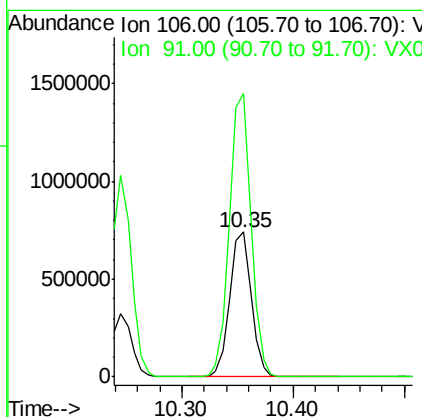
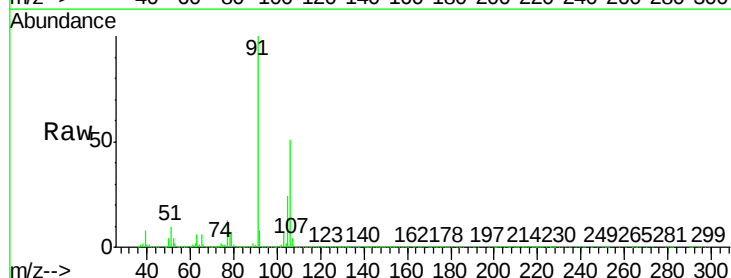
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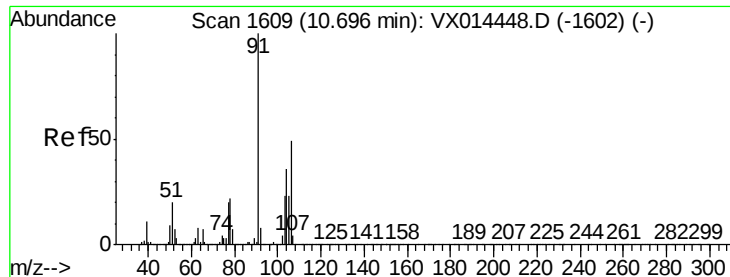
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#68
m/p-Xylenes
Concen: 108.511 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 106 Resp: 995210
Ion Ratio Lower Upper
106 100
91 196.3 157.4 236.0





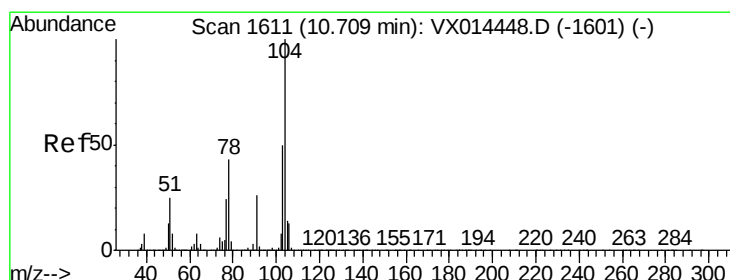
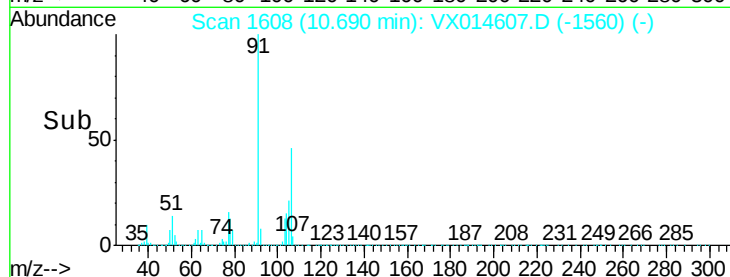
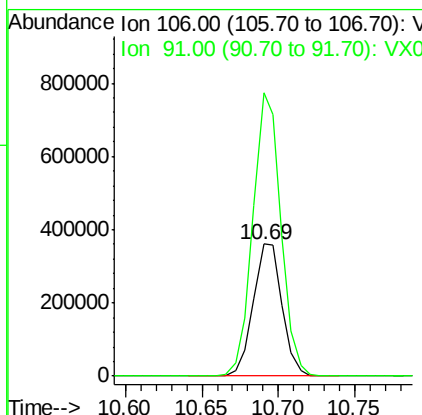
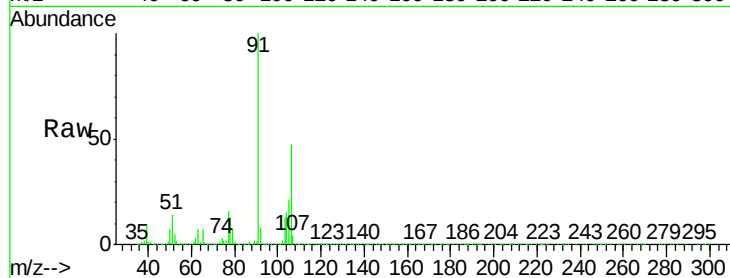
#69
o-Xylene
Concen: 54.105 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.7	105.1	315.1

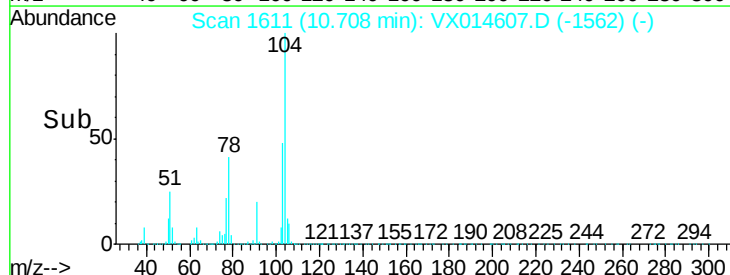
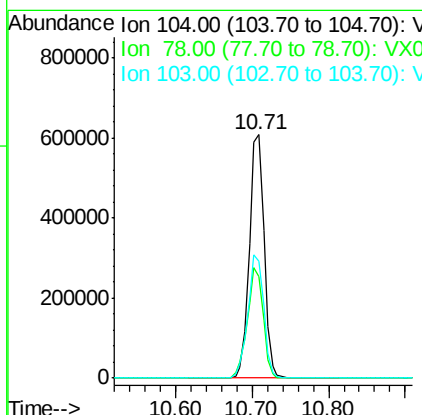
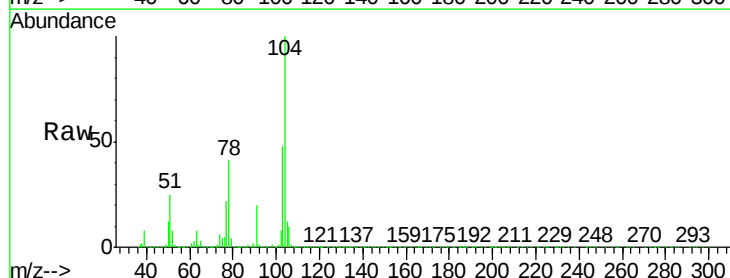
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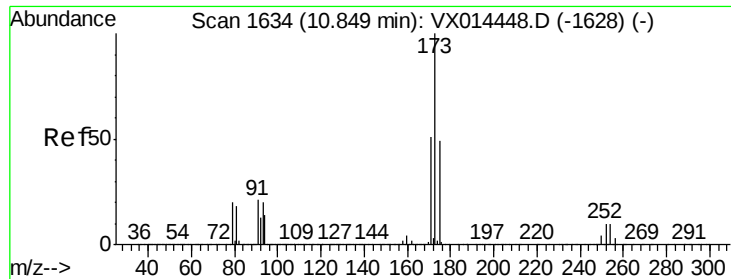
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#70
Styrene
Concen: 53.928 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.6	58.0
103	54.4	43.7	65.5





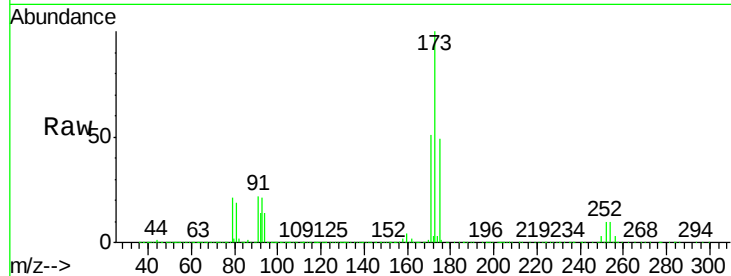
#71
Bromoform
Concen: 53.621 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

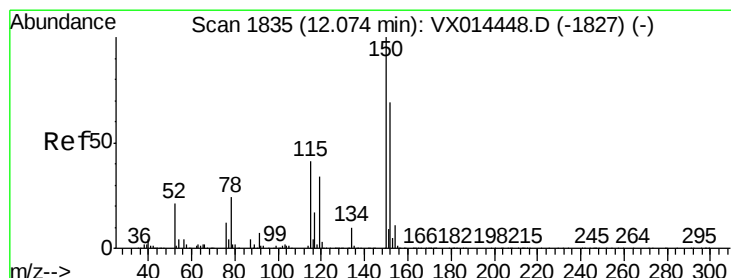
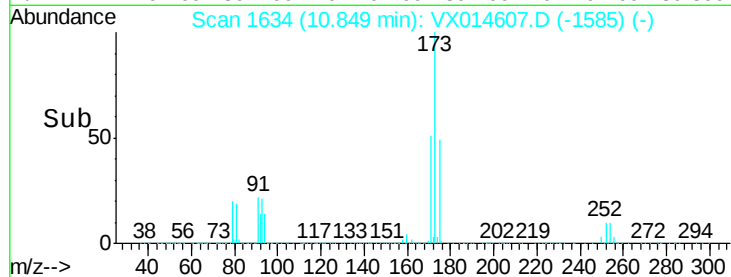
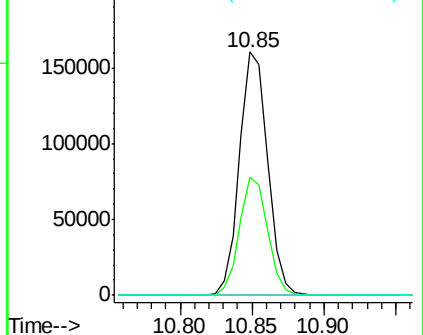
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.2

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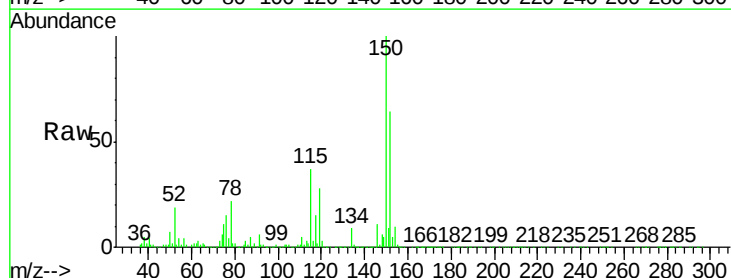


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

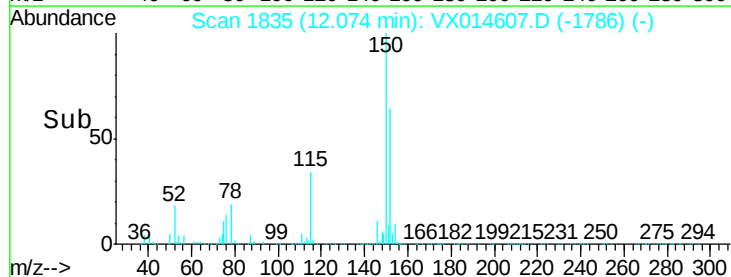
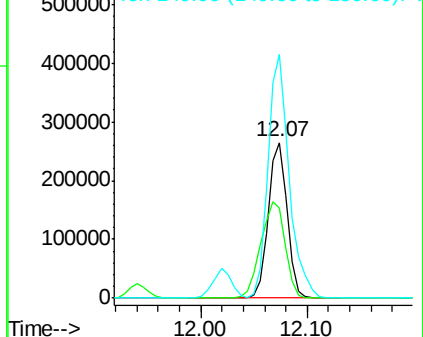


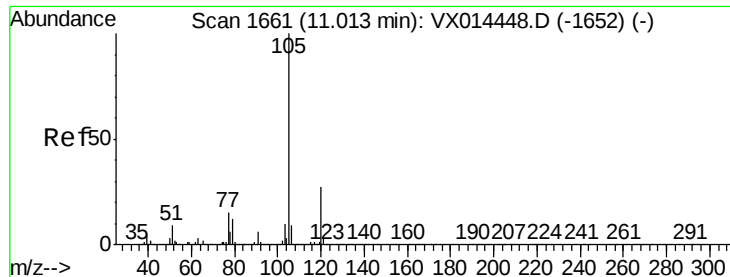
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.0	39.5	118.3
150	175.0	0.0	350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.032 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1268252

Ion Ratio Lower Upper

105 100

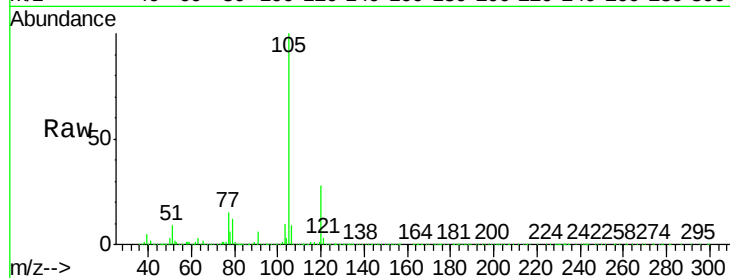
120 27.2 13.4 40.2

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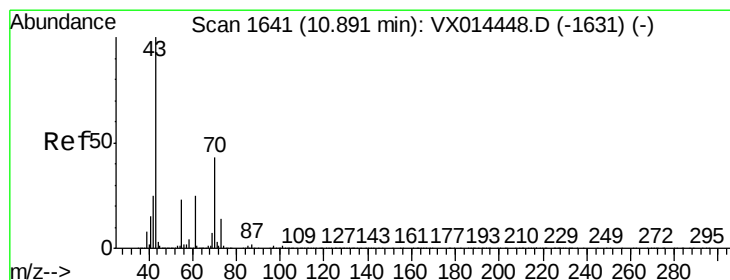
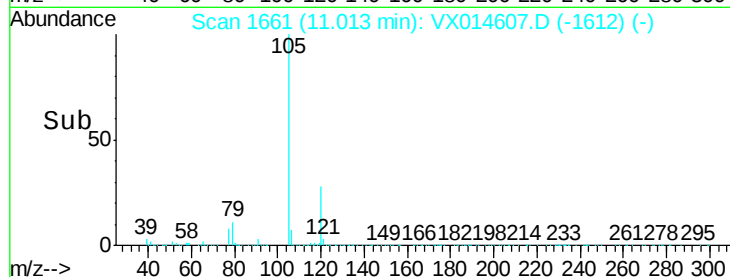
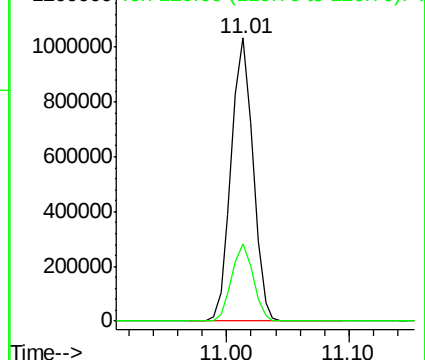
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.545 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion: 43 Resp: 544414

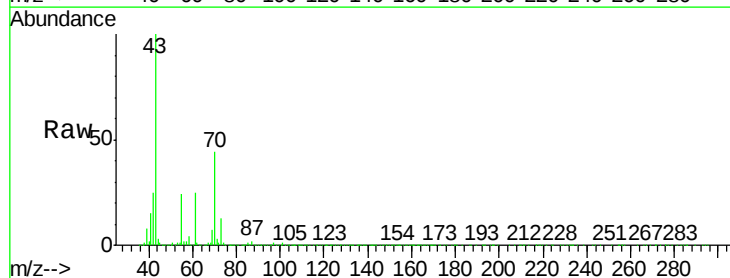
Ion Ratio Lower Upper

43 100

70 43.0 35.1 52.7

55 24.4 19.3 28.9

61 24.6 20.0 30.0

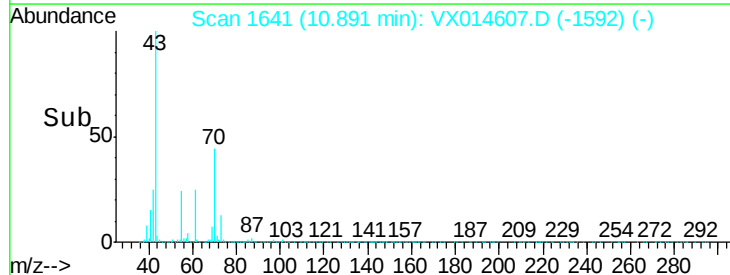
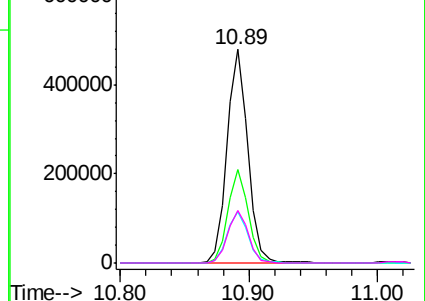


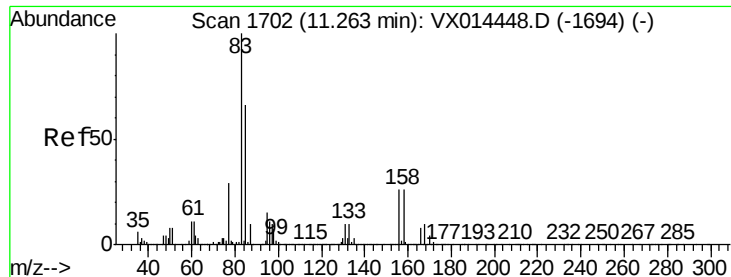
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 54.515 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

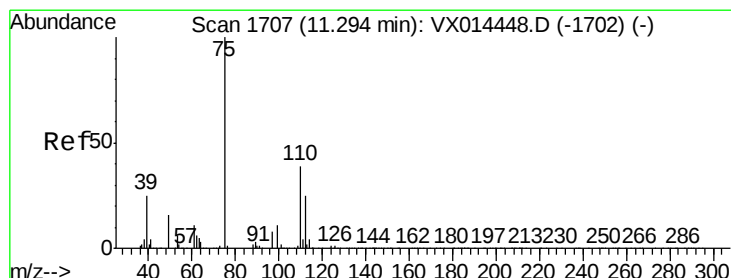
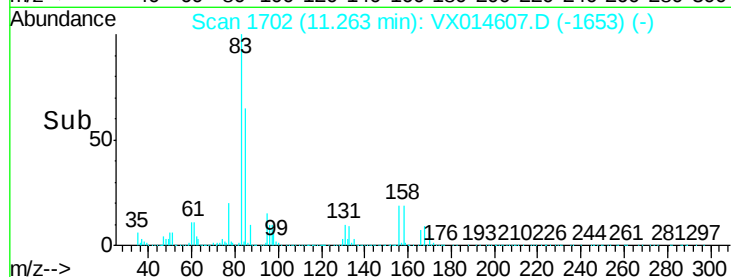
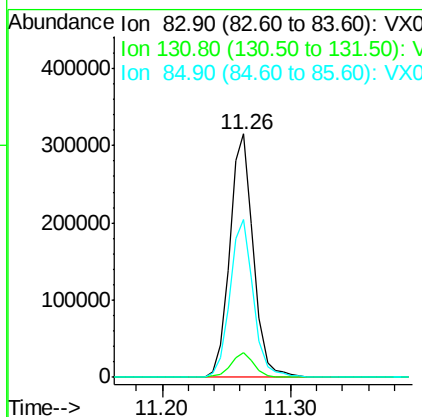
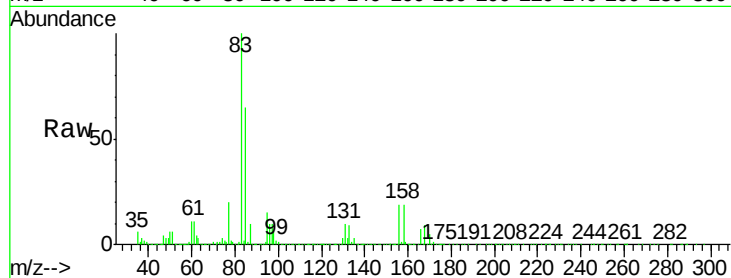
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	402899
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.4
85	64.4	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.286 ug/l m

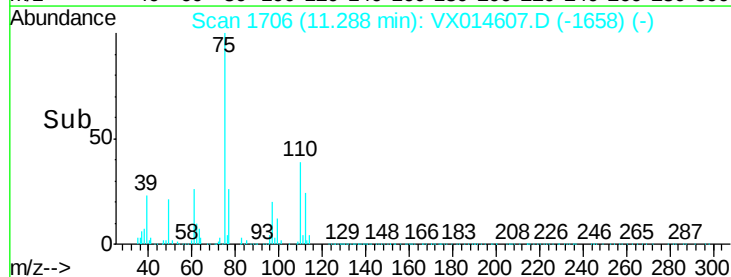
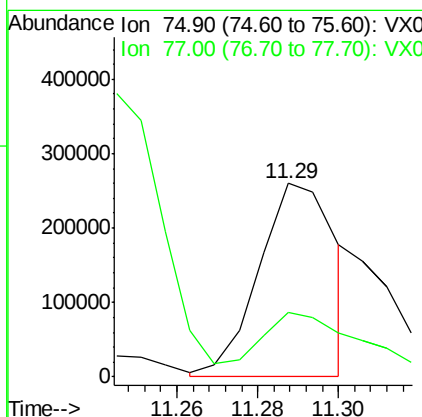
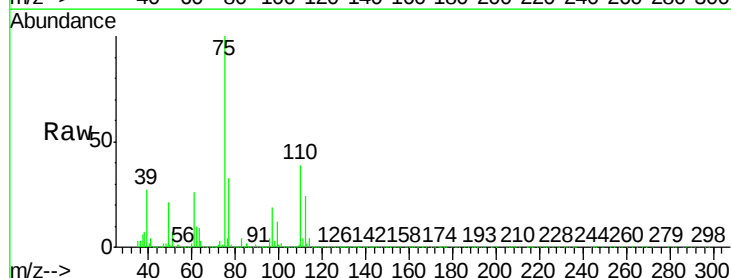
RT: 11.29 min Scan# 1706

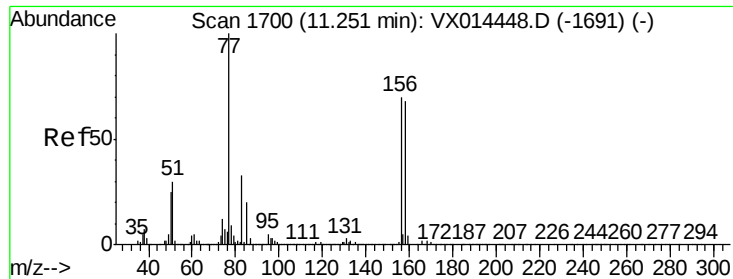
Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	75	Resp:	341450
Ion Ratio	Lower	Upper	
75	100		
77	44.6	21.9	65.7





#77

Bromobenzene

Concen: 51.025 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

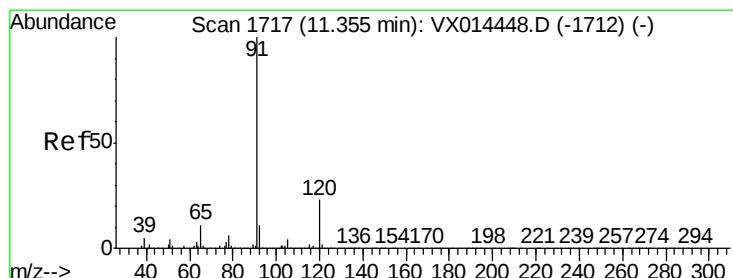
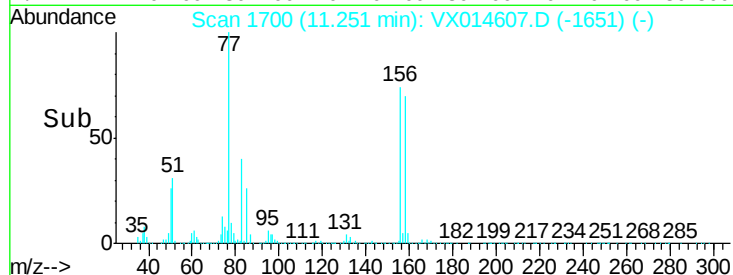
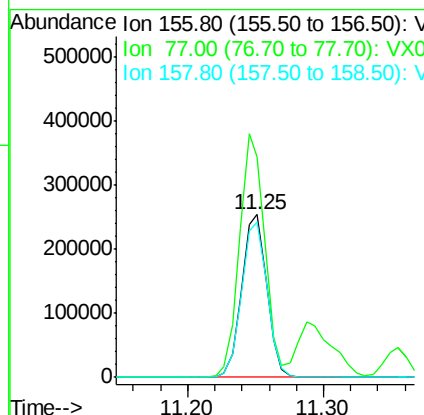
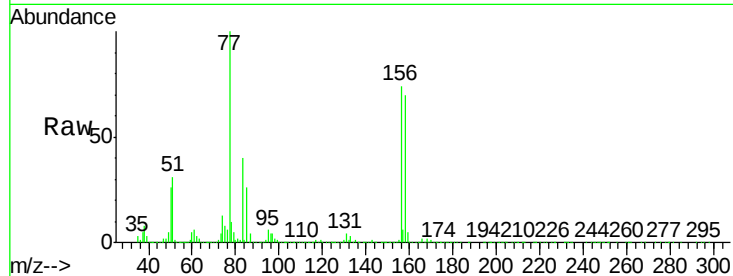
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	326102
Ion Ratio	Lower	Upper	
156	100		
77	149.5	75.4	226.3
158	97.3	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 55.626 ug/l

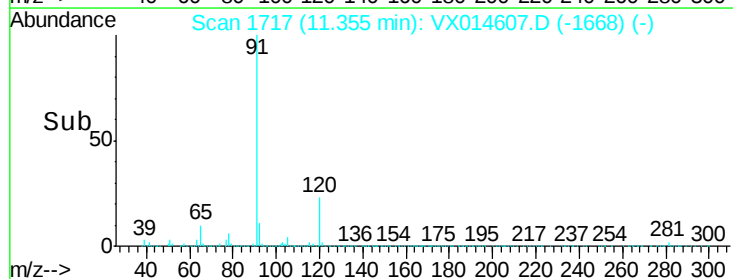
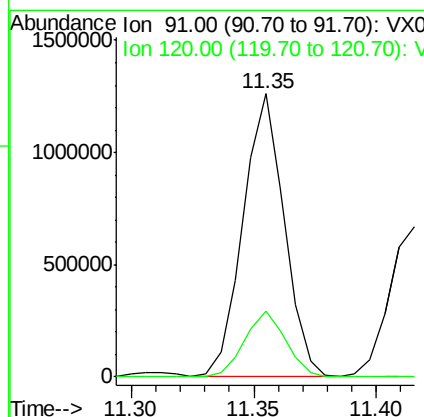
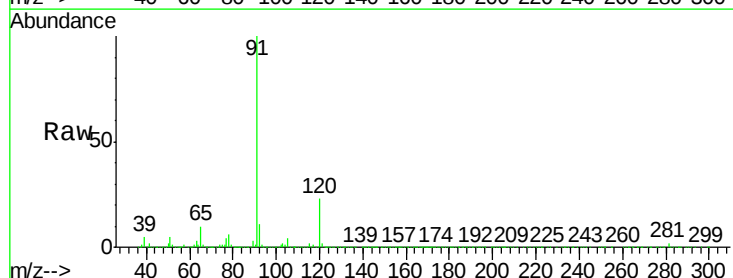
RT: 11.35 min Scan# 1717

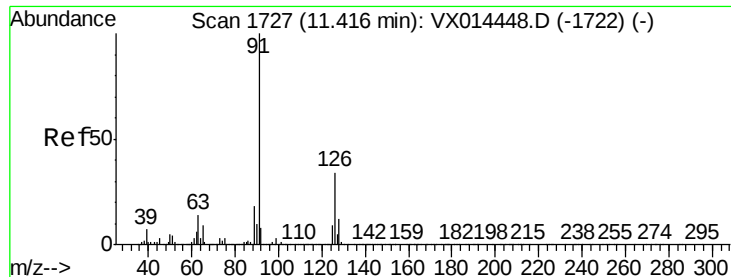
Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	91	Resp:	1468127
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5





#79

2-Chlorotoluene

Concen: 53.573 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 842696

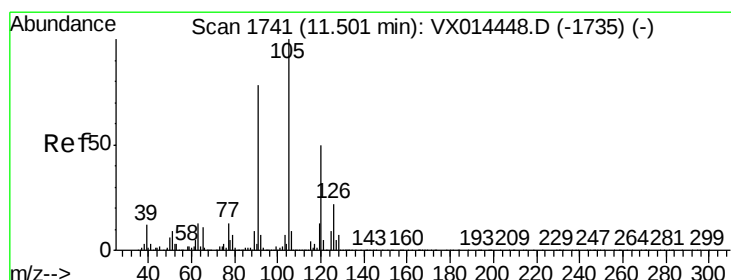
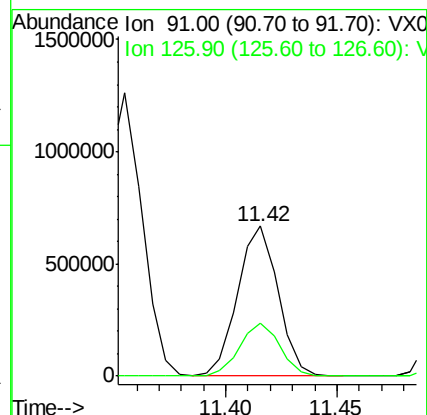
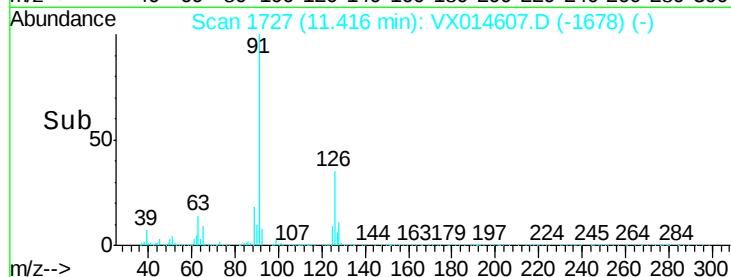
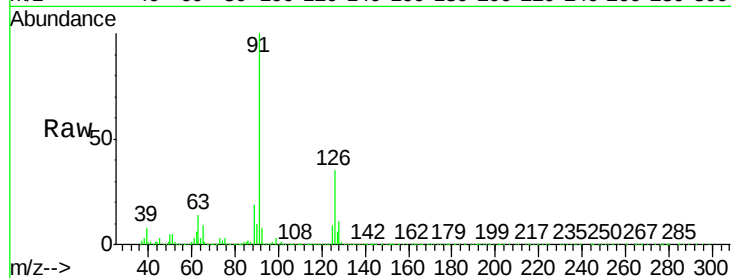
Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 55.723 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014607.D

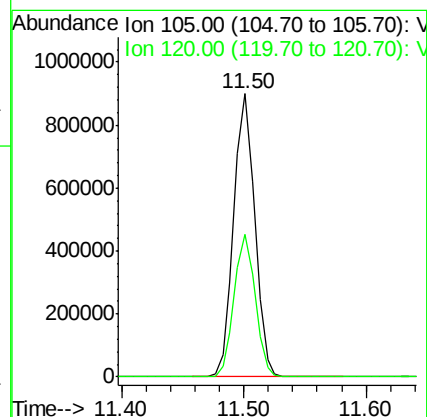
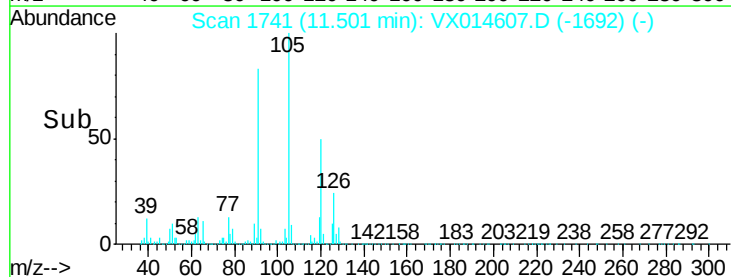
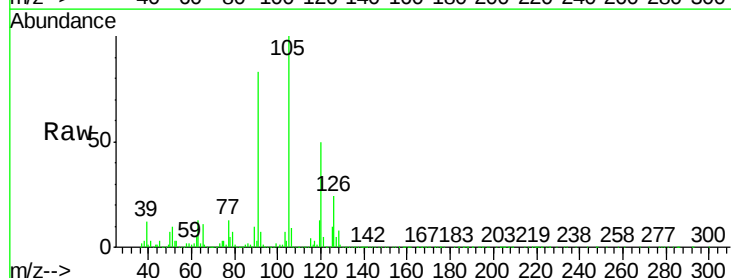
Acq: 14 Jan 2020 16:59

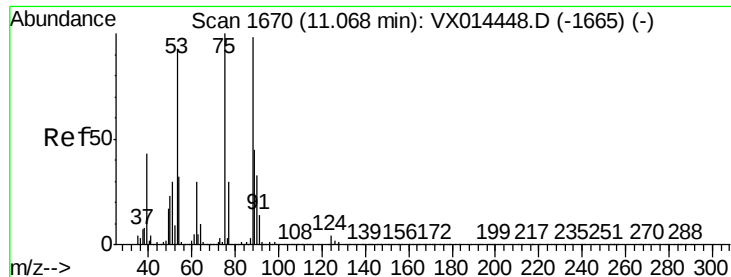
Tgt Ion: 105 Resp: 1066169

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.991 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

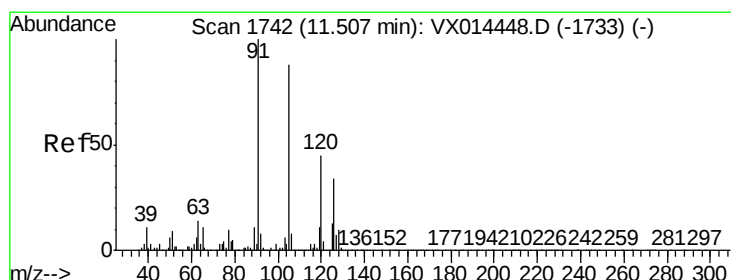
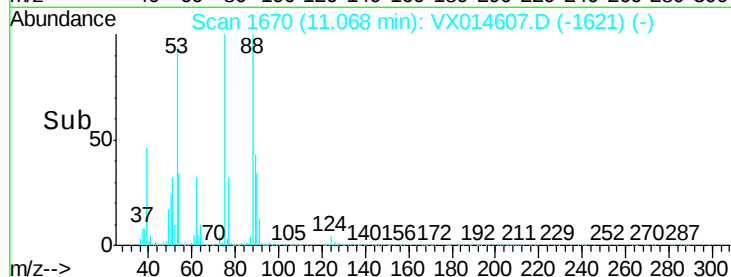
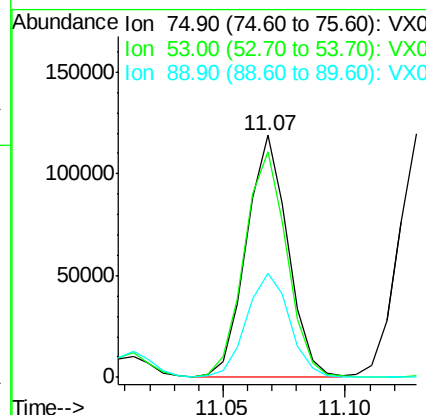
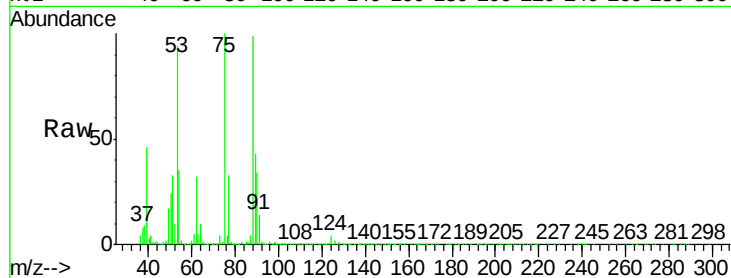
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	138667
Ion Ratio	Lower	Upper	
75	100		
53	96.3	74.8	112.2
89	44.5	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.262 ug/l

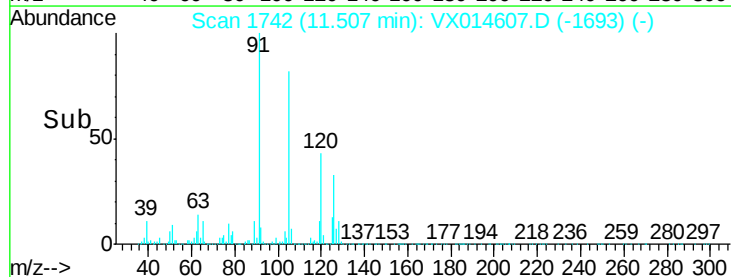
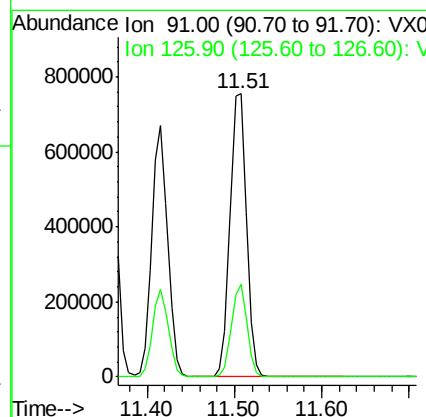
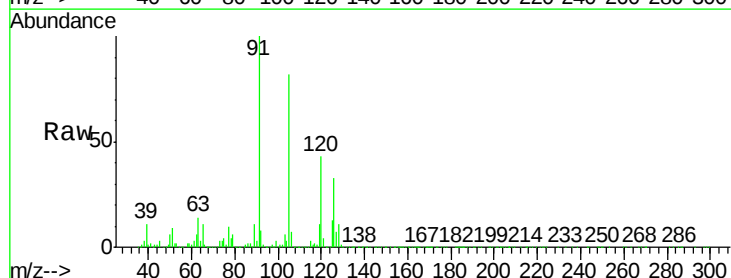
RT: 11.51 min Scan# 1742

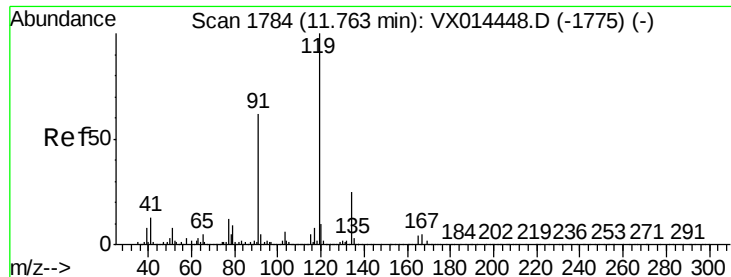
Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:	91	Resp:	983425
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.9	47.7





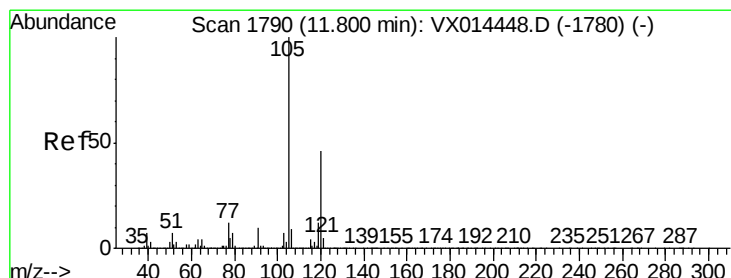
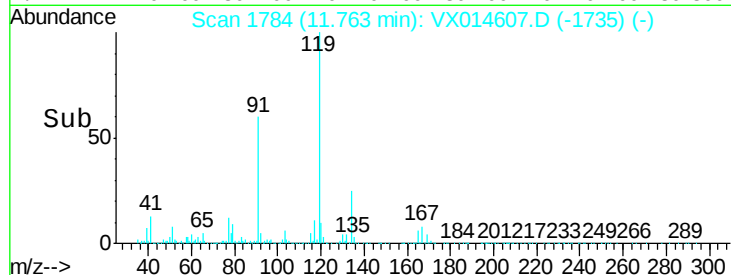
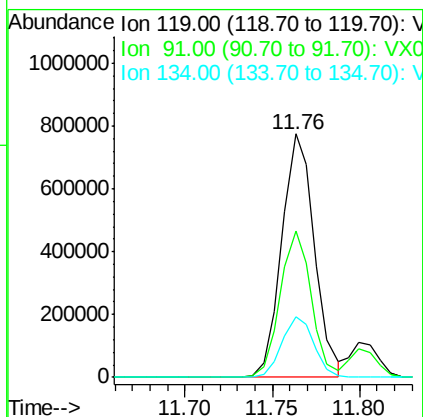
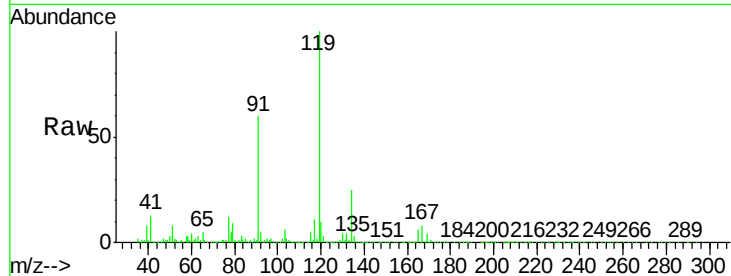
#83
tert-Butylbenzene
Concen: 55.813 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	29.3	88.0
134	24.4	12.4	37.4

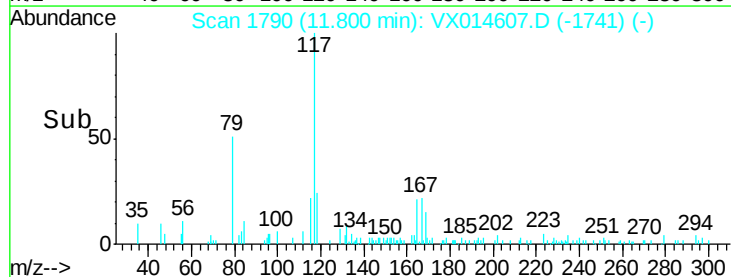
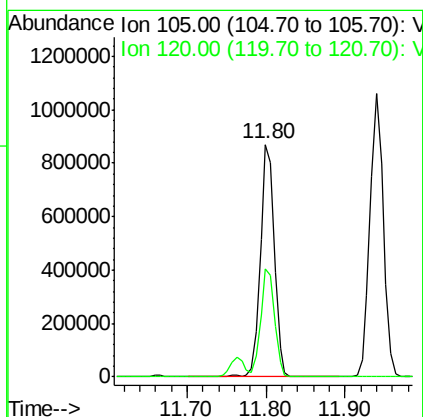
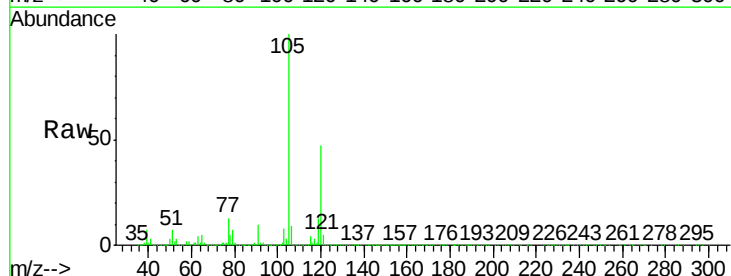
Manual Integrations
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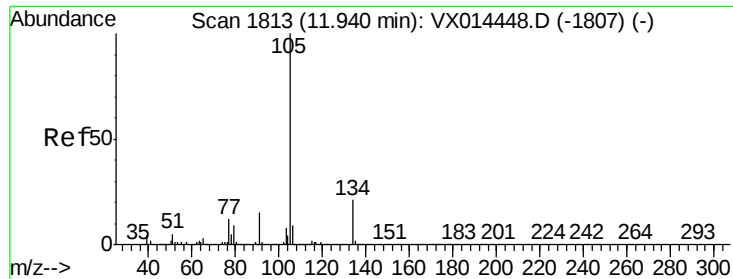
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 55.364 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 55.903 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1256370

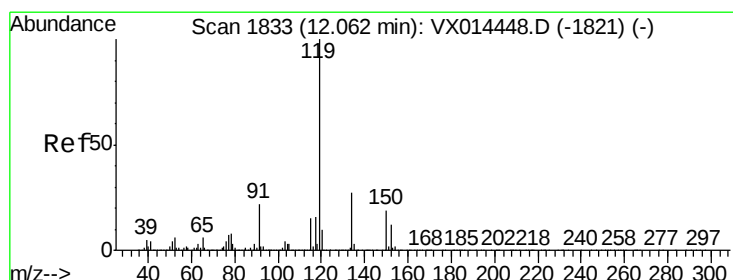
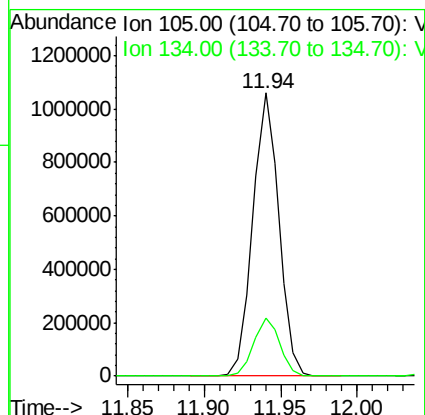
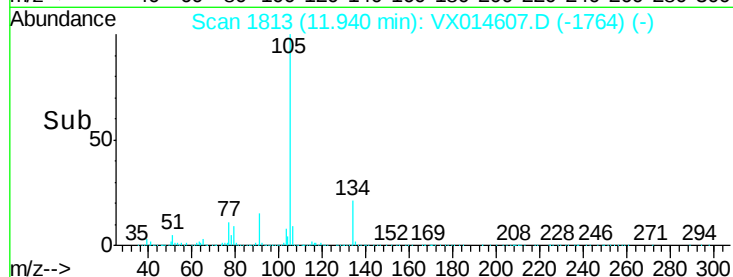
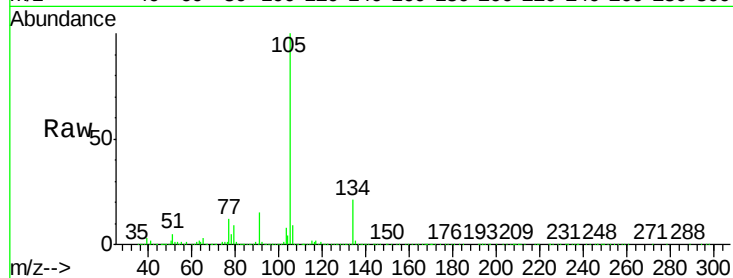
Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 55.996 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

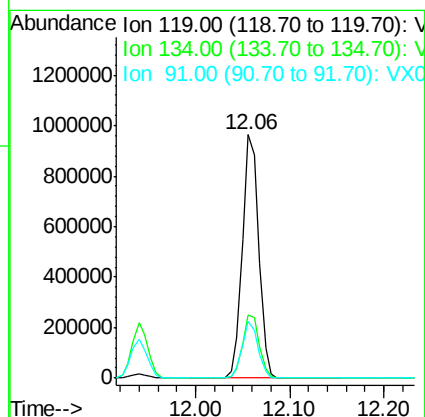
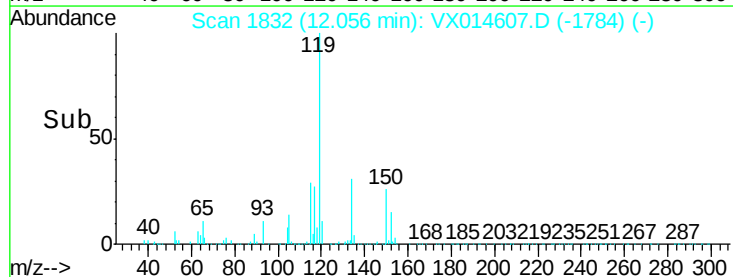
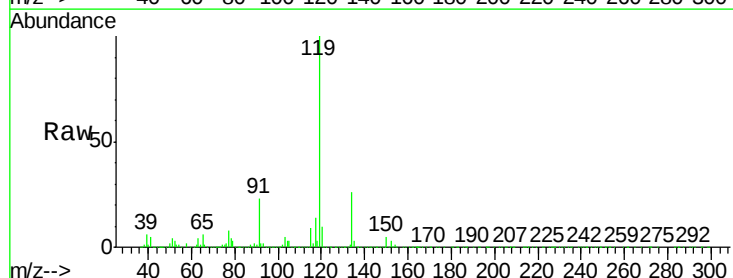
Tgt Ion:119 Resp: 1167787

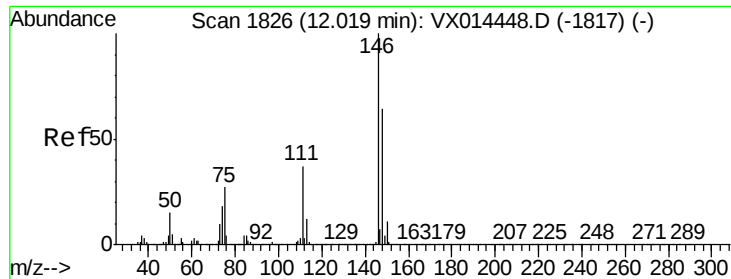
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.5 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 51.269 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

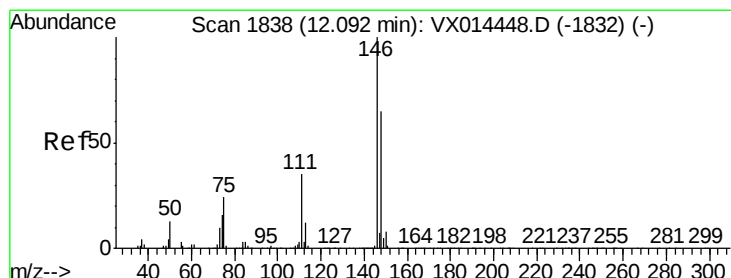
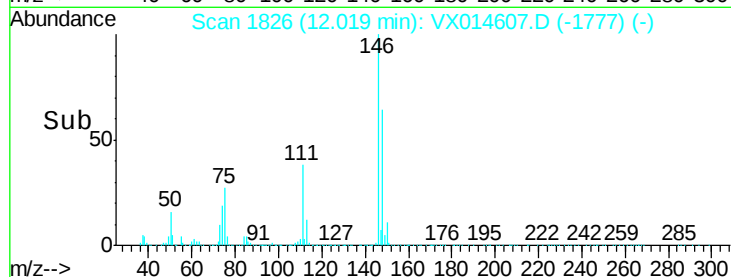
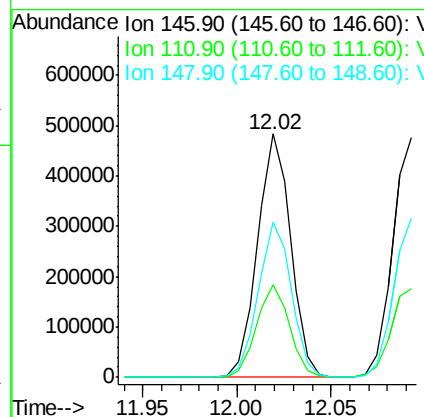
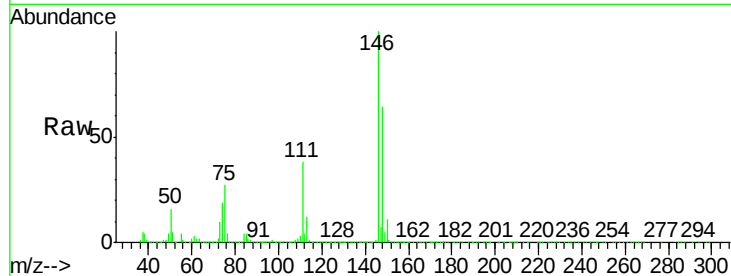
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.2	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.896 ug/l

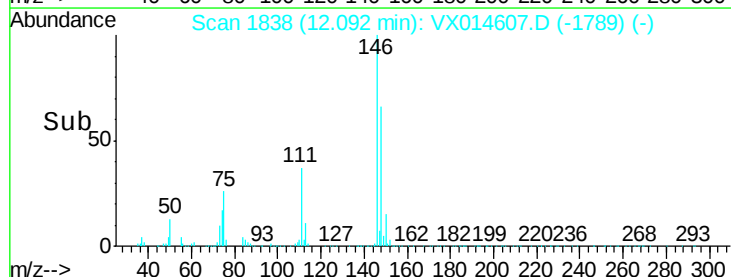
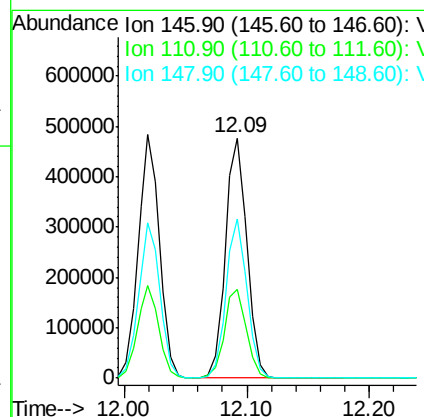
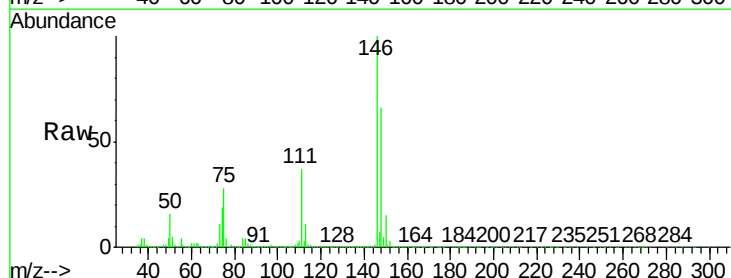
RT: 12.09 min Scan# 1838

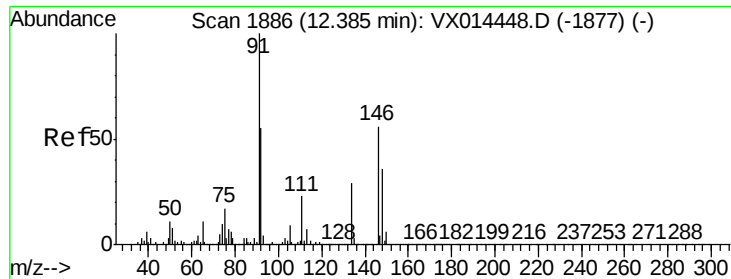
Delta R.T. 0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	64.9	32.1	96.3





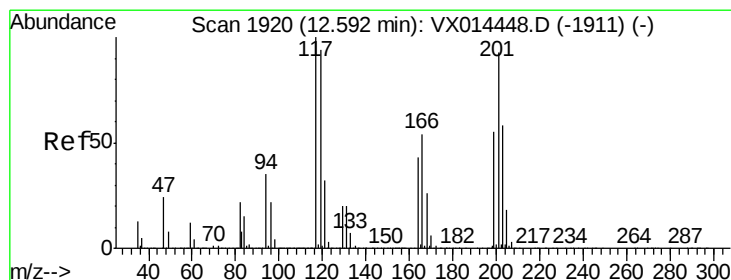
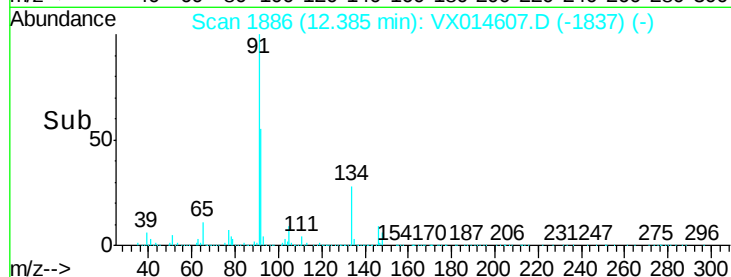
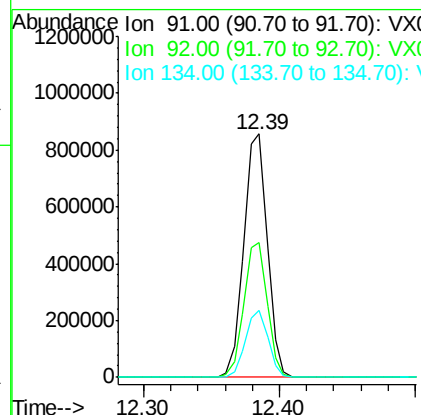
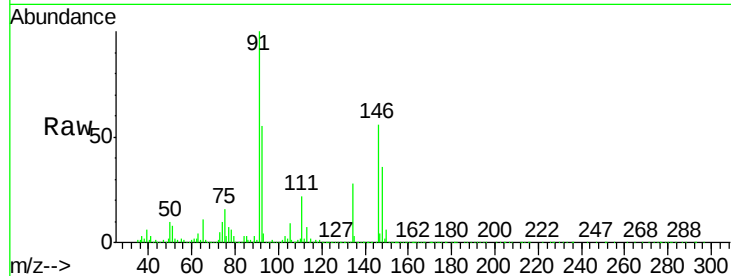
#89
n-Butylbenzene
Concen: 54.155 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1032642
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 26.8 13.9 41.7

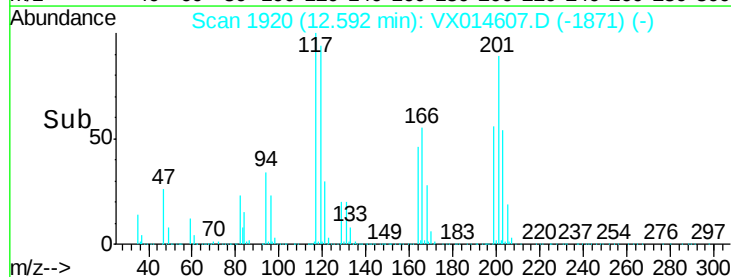
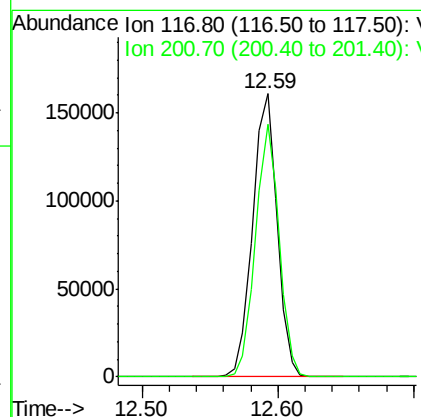
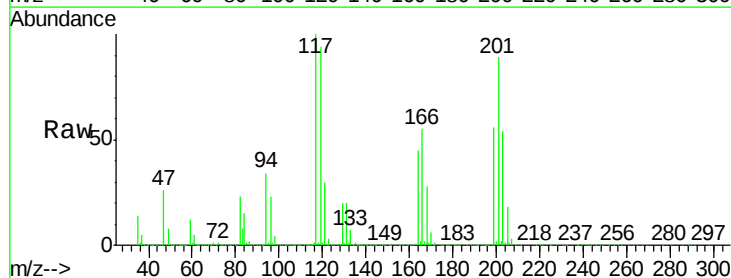
Manual Integrations
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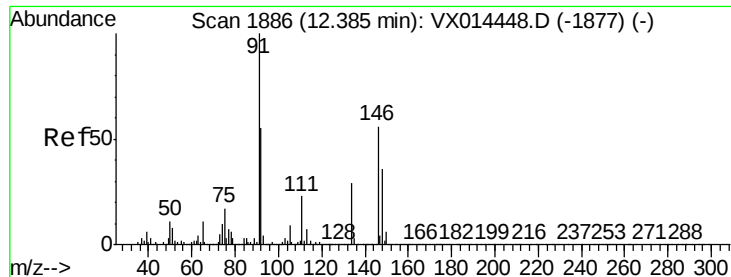
MMDadoda
1/15/2020 10:24:09 AM



#90
Hexachloroethane
Concen: 55.659 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 117 Resp: 203893
Ion Ratio Lower Upper
117 100
201 86.5 44.8 134.3





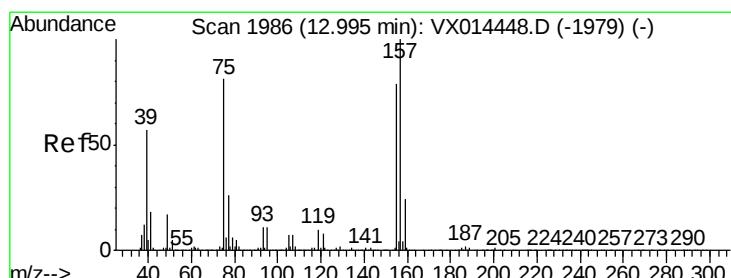
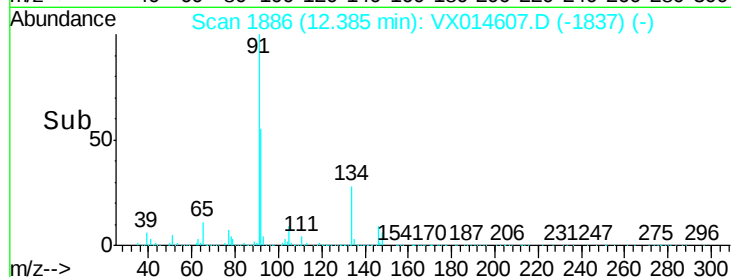
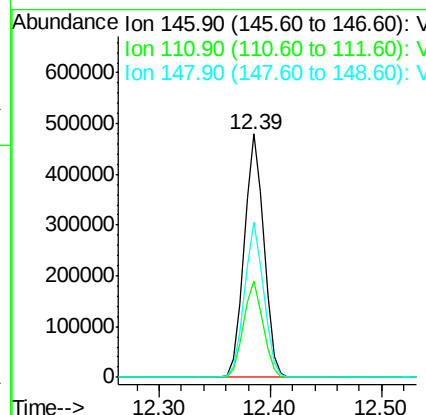
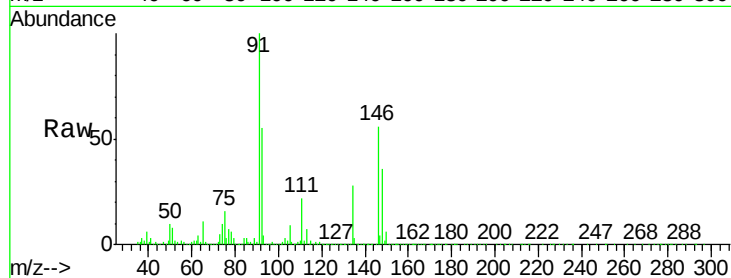
#91
 1,2-Dichlorobenzene
 Concen: 51.958 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	62.8	32.3	96.8

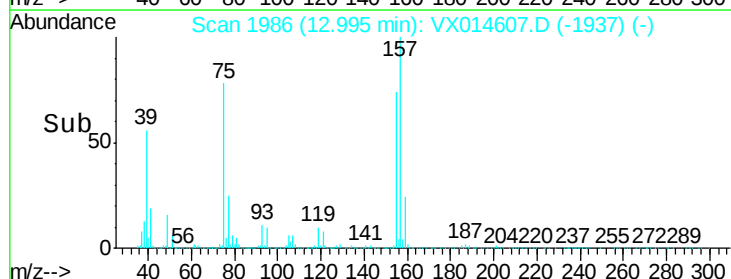
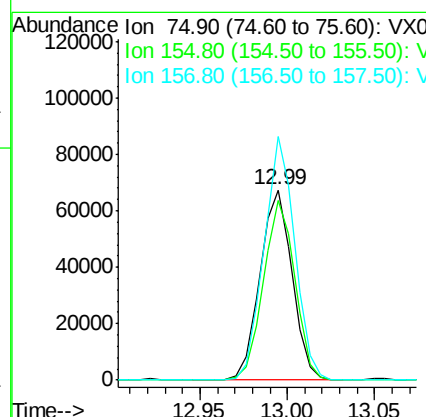
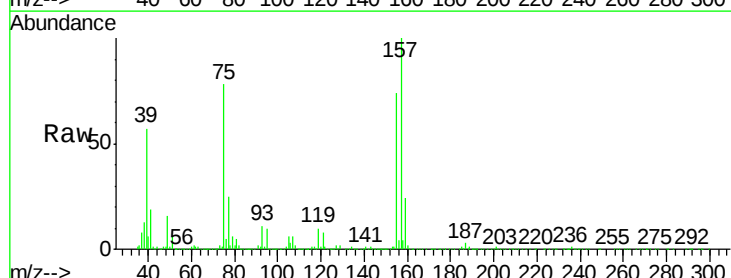
Manual Integrations
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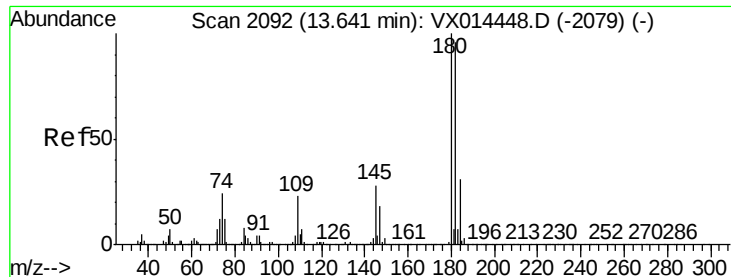
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.867 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	48.7	146.1
157	123.1	62.0	185.9





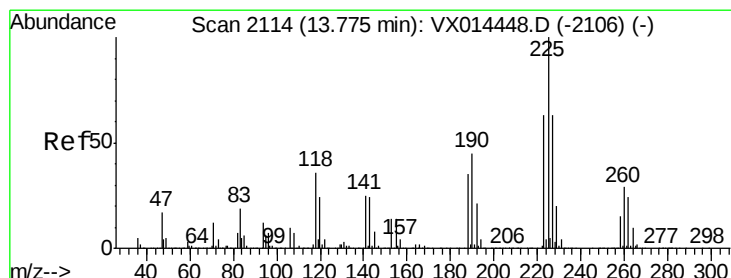
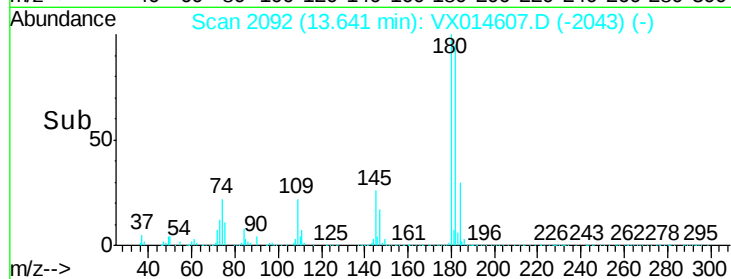
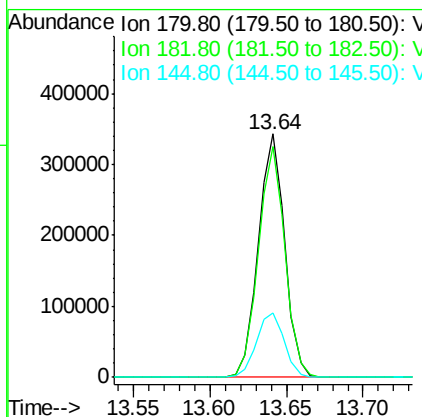
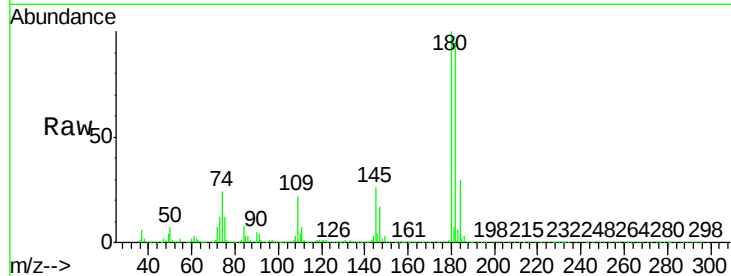
#93
 1,2,4-Trichlorobenzene
 Concen: 52.186 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	411544		
182	95.5	47.5	142.5	
145	28.0	13.9	41.6	

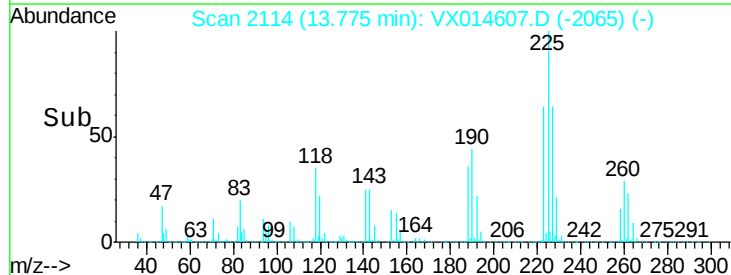
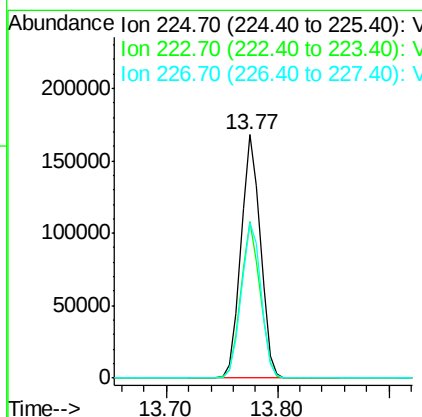
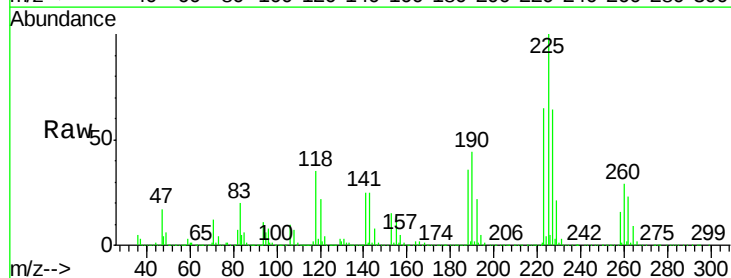
Manual Integrations
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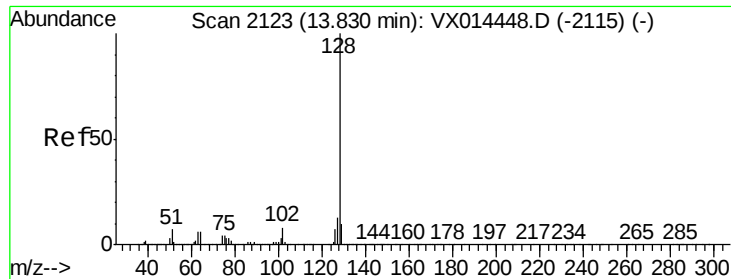
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#94
 Hexachlorobutadiene
 Concen: 54.966 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	203057		
223	63.7	31.1	93.2	
227	64.7	31.4	94.2	





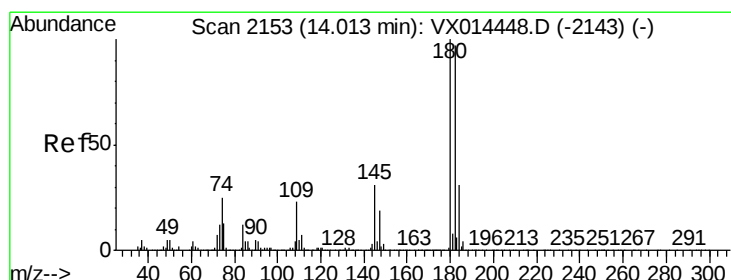
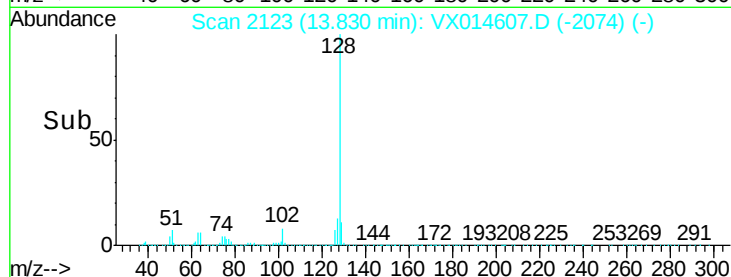
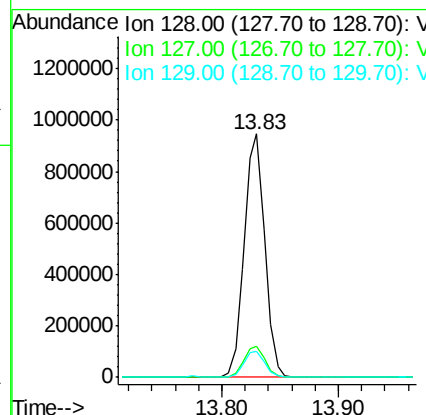
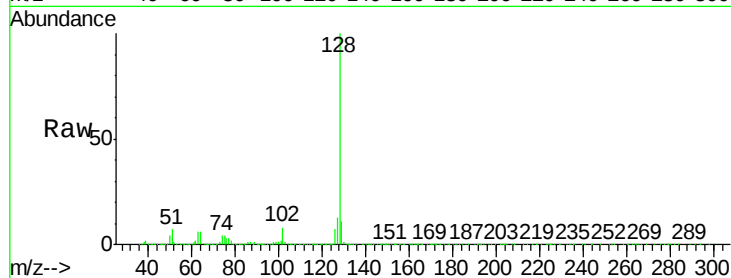
#95
Naphthalene
Concen: 47.727 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.702 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.6
145	30.1	14.8	44.3

