

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010820\
 Data File : VX014460.D
 Acq On : 08 Jan 2020 10:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 1/9/2020 2:33:35 PM

Quant Time: Jan 08 13:34:39 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	542869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	784799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	720491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	375610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	260681	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	
35) Dibromofluoromethane	5.48	113	215390	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
50) Toluene-d8	8.71	98	853270	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
62) 4-Bromofluorobenzene	11.13	95	309133	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	344876	51.163	ug/l	99
3) Chloromethane	1.32	50	343067	49.577	ug/l	99
4) Vinyl Chloride	1.40	62	404844	52.502	ug/l	97
5) Bromomethane	1.63	94	224665	43.954	ug/l	100
6) Chloroethane	1.72	64	215891	51.417	ug/l	97
7) Trichlorofluoromethane	1.92	101	430997	49.273	ug/l	99
8) Diethyl Ether	2.18	74	185430	46.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	260703	48.990	ug/l	99
10) Methyl Iodide	2.50	142	297529	46.692	ug/l	99
11) Tert butyl alcohol	3.02	59	280269	221.491	ug/l	99
12) 1,1-Dichloroethene	2.37	96	258241	48.165	ug/l	97
13) Acrolein	2.28	56	273029	269.199	ug/l	99
14) Allyl chloride	2.72	41	456788	48.526	ug/l	99
15) Acrylonitrile	3.13	53	724150	237.114	ug/l	100
16) Acetone	2.43	43	798549	263.018	ug/l	100
17) Carbon Disulfide	2.56	76	728433	48.691	ug/l	100
18) Methyl Acetate	2.76	43	435062	49.948	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	838425	48.713	ug/l	100
20) Methylene Chloride	2.84	84	284127	46.604	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	280458	47.914	ug/l	98
22) Diisopropyl ether	3.84	45	908818	49.958	ug/l	95
23) Vinyl Acetate	3.80	43	3599702	255.584	ug/l	100
24) 1,1-Dichloroethane	3.69	63	491168	49.633	ug/l	99
25) 2-Butanone	4.65	43	1089996	240.784	ug/l	100
26) 2,2-Dichloropropane	4.57	77	413458	49.320	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	314163	48.012	ug/l	100
28) Bromochloromethane	5.00	49	183456	43.995	ug/l	98
29) Tetrahydrofuran	5.11	42	643554	240.450	ug/l	100
30) Chloroform	5.19	83	478270	49.458	ug/l	99
31) Cyclohexane	5.57	56	476961	51.491	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	410297	49.568	ug/l	99
36) 1,1-Dichloropropene	5.79	75	381714	51.721	ug/l	99
37) Ethyl Acetate	4.81	43	397017	49.525	ug/l	99
38) Carbon Tetrachloride	5.77	117	359174	52.885	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	493591	53.233	ug/l	98
40) Benzene	6.13	78	1134007	51.770	ug/l	99
41) Methacrylonitrile	5.02	41	220040	51.471	ug/l	99
42) 1,2-Dichloroethane	6.18	62	381719	49.841	ug/l	100
43) Isopropyl Acetate	6.43	43	660298	50.988	ug/l	100
44) Trichloroethene	7.20	130	319638	50.777	ug/l	98
45) 1,2-Dichloropropane	7.50	63	287050	51.400	ug/l	99
46) Dibromomethane	7.65	93	186211	47.773	ug/l	99
47) Bromodichloromethane	7.89	83	376630	53.103	ug/l	100
48) Methyl methacrylate	7.76	41	324943	52.390	ug/l	99
49) 1,4-Dioxane	7.73	88	120388	916.032	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	2019984	255.971	ug/l	99
52) Toluene	8.78	92	726822	51.834	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	432019	52.320	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	480139	53.829	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	282253	50.115	ug/l	98
56) Ethyl methacrylate	9.17	69	462517	53.602	ug/l	100
57) 1,3-Dichloropropane	9.36	76	478763	50.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	901243	306.987	ug/l	99
59) 2-Hexanone	9.48	43	1581545	253.288	ug/l	100
60) Dibromochloromethane	9.57	129	307052	54.240	ug/l	100
61) 1,2-Dibromoethane	9.67	107	298565	50.044	ug/l	99
64) Tetrachloroethene	9.33	164	339495	47.015	ug/l	99
65) Chlorobenzene	10.13	112	772564	49.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	283441	50.796	ug/l	99
67) Ethyl Benzene	10.25	91	1391199	52.202	ug/l	99
68) m/p-Xylenes	10.35	106	1069631	104.034	ug/l	99
69) o-Xylene	10.69	106	503000	51.275	ug/l	100
70) Styrene	10.71	104	882026	52.100	ug/l	100
71) Bromoform	10.85	173	236478	51.798	ug/l #	99
73) Isopropylbenzene	11.01	105	1351324	51.233	ug/l	99
74) N-amyl acetate	10.89	43	589071	50.622	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	417129	49.314	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	357995m	46.065	ug/l	
77) Bromobenzene	11.25	156	353554	48.335	ug/l	99
78) n-propylbenzene	11.35	91	1585652	52.493	ug/l	100
79) 2-Chlorotoluene	11.42	91	899957	49.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1144749	52.276	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	154734	52.640	ug/l	99
82) 4-Chlorotoluene	11.51	91	1073858	50.816	ug/l	99
83) tert-Butylbenzene	11.76	119	1083125	52.348	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1152823	52.099	ug/l	100
85) sec-Butylbenzene	11.94	105	1361400	52.928	ug/l	99
86) p-Isopropyltoluene	12.06	119	1264552	52.980	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	648025	49.365	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	658003	53.394	ug/l	100
89) n-Butylbenzene	12.39	91	1158422	53.081	ug/l	100
90) Hexachloroethane	12.59	117	216215	51.570	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	630898	49.054	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93790	49.294	ug/l	98

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ClientSampleId :
VSTDCCC050

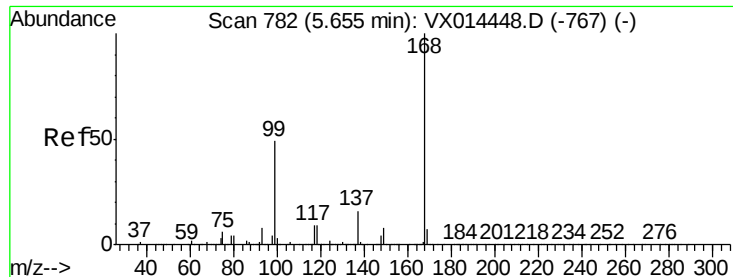
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	476379	52.781	ug/l	98
94) Hexachlorobutadiene	13.78	225	229884	54.371	ug/l	99
95) Naphthalene	13.83	128	1364381	48.698	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	466716	52.698	ug/l	98

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



#1

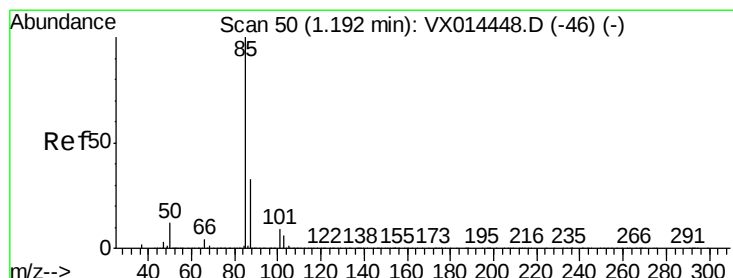
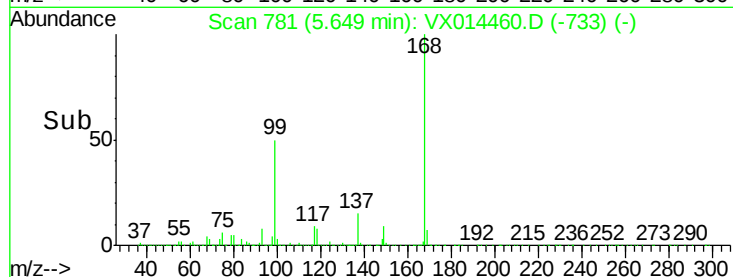
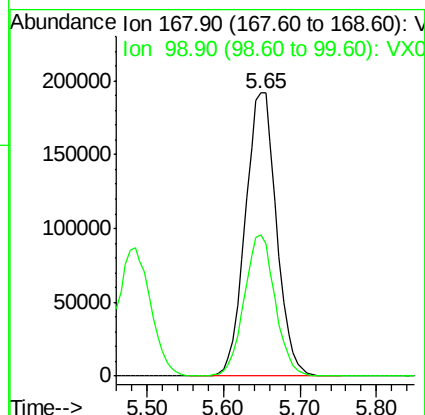
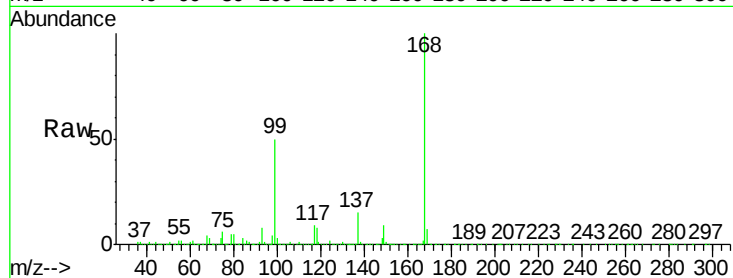
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.2	58.8

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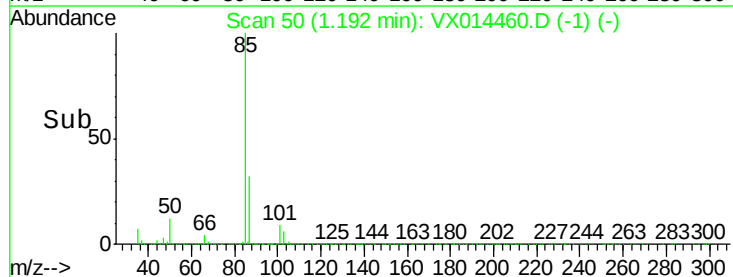
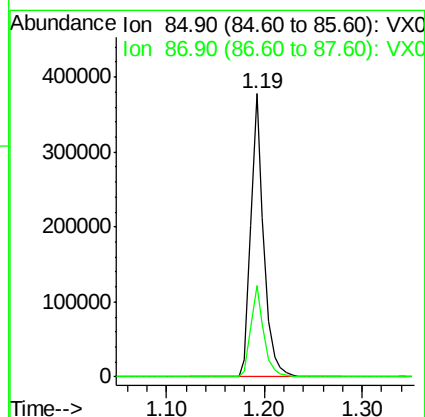
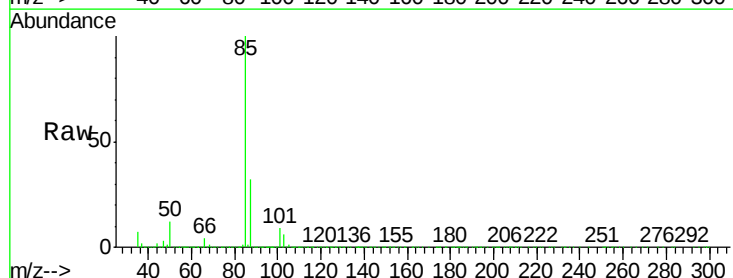
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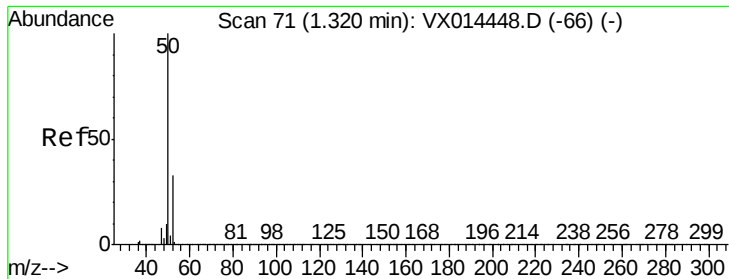


#2

Dichlorodifluoromethane
 Concen: 51.163 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.5	49.5





#3

Chloromethane

Concen: 49.577 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 343067

Ion Ratio Lower Upper

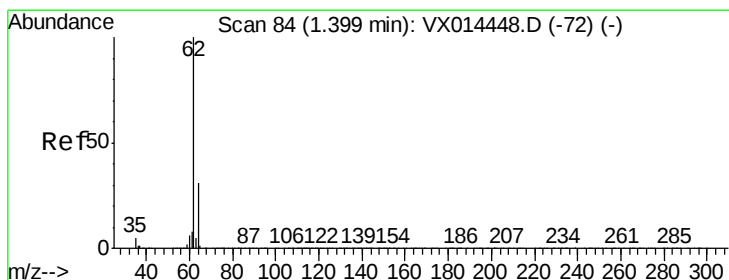
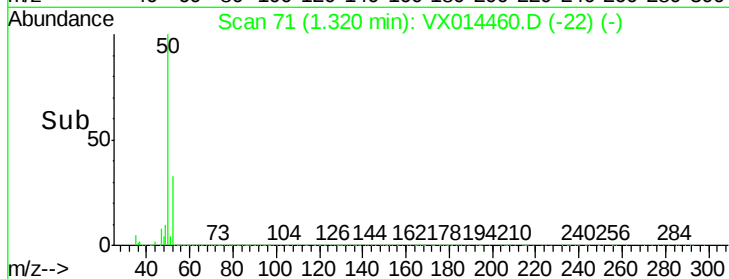
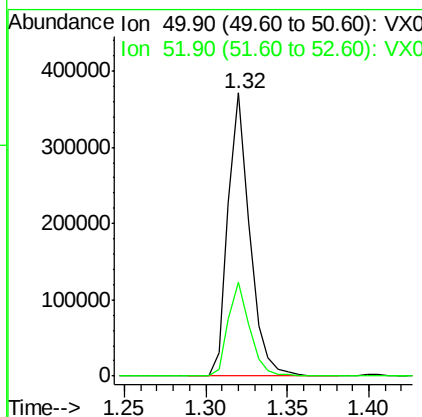
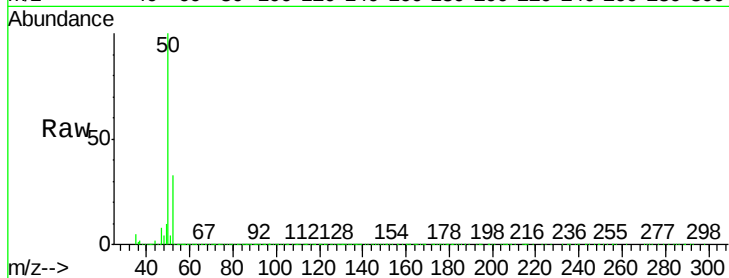
50 100

52 33.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 52.502 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014460.D

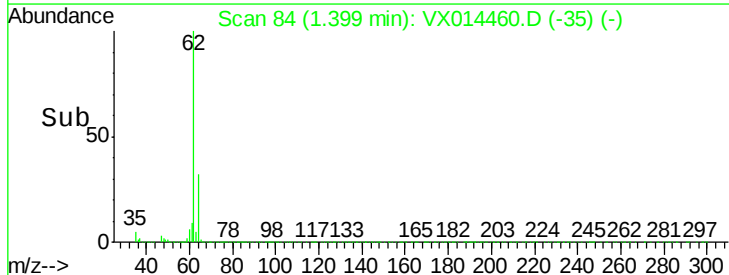
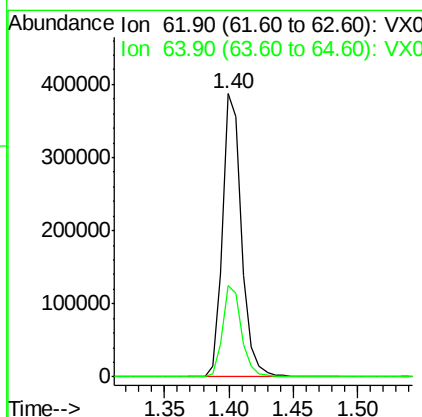
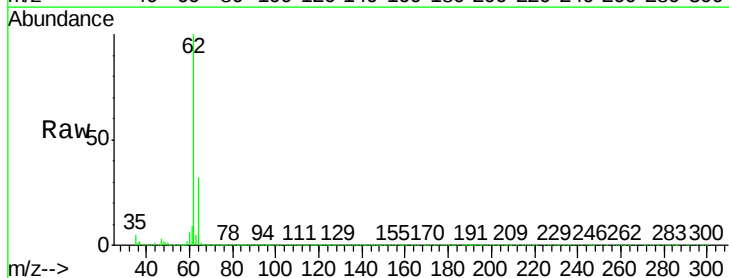
Acq: 08 Jan 2020 10:26

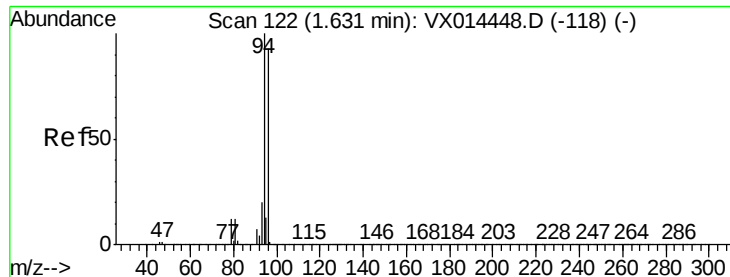
Tgt Ion: 62 Resp: 404844

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 43.954 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 224665

Ion Ratio Lower Upper

94 100

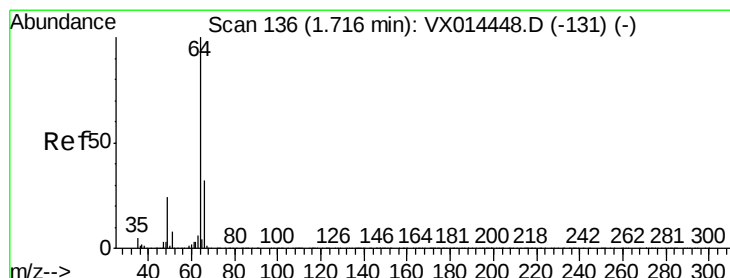
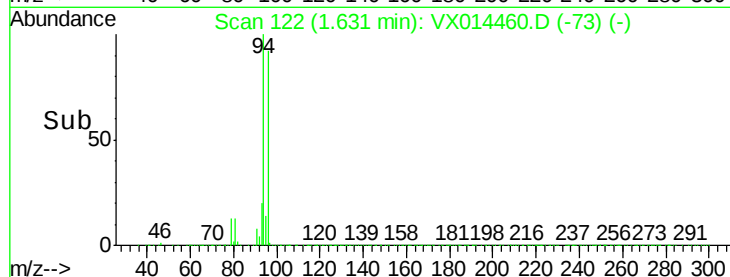
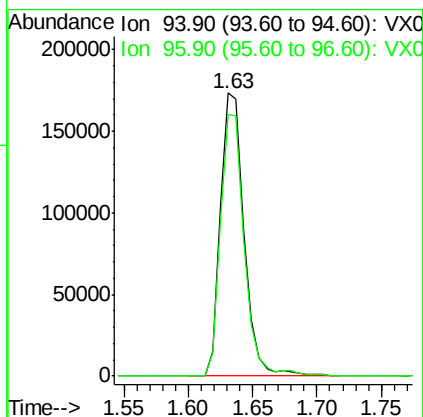
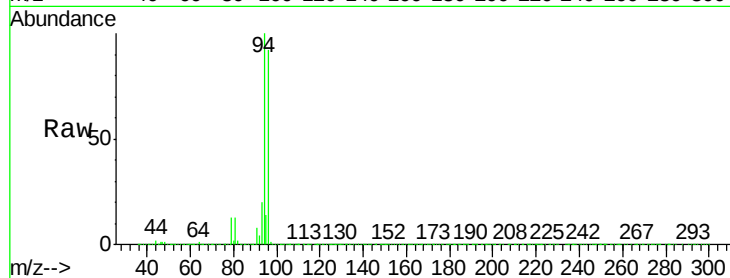
96 92.2 74.2 111.2

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#6

Chloroethane

Concen: 51.417 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014460.D

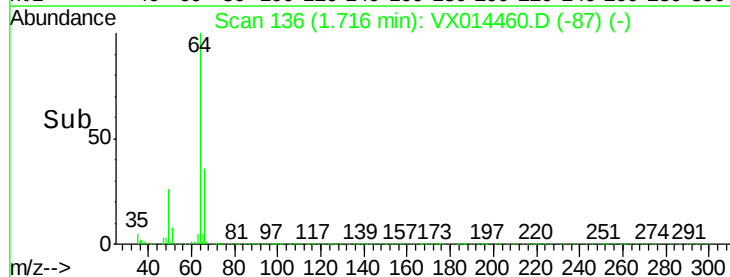
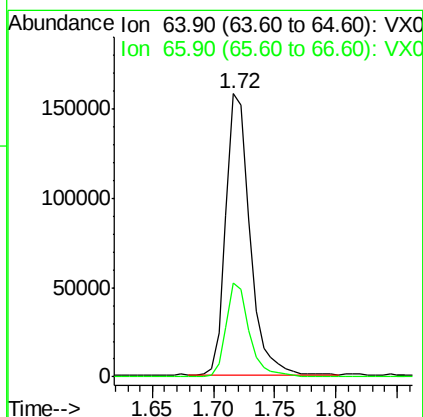
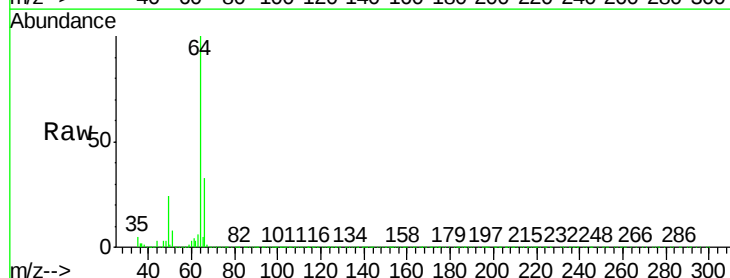
Acq: 08 Jan 2020 10:26

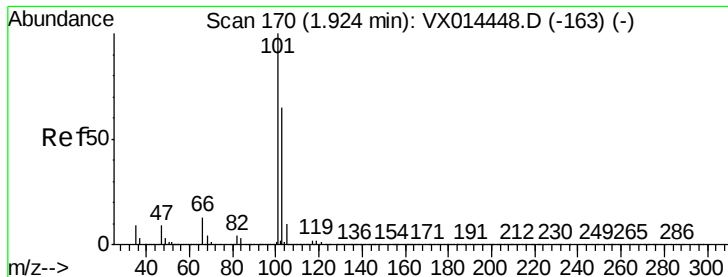
Tgt Ion: 64 Resp: 215891

Ion Ratio Lower Upper

64 100

66 33.5 25.3 37.9





#7

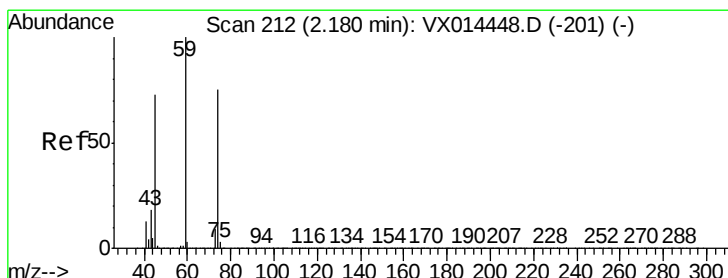
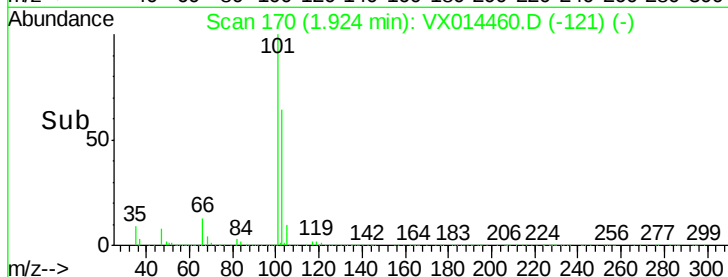
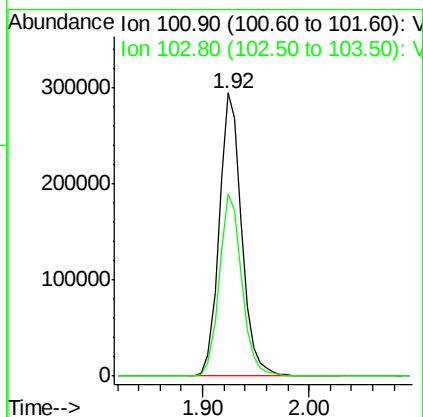
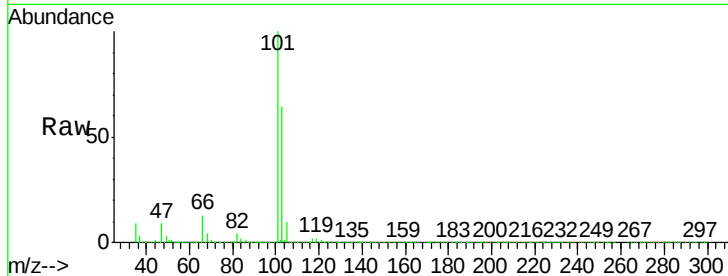
Trichlorofluoromethane
Concen: 49.273 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.2	78.4

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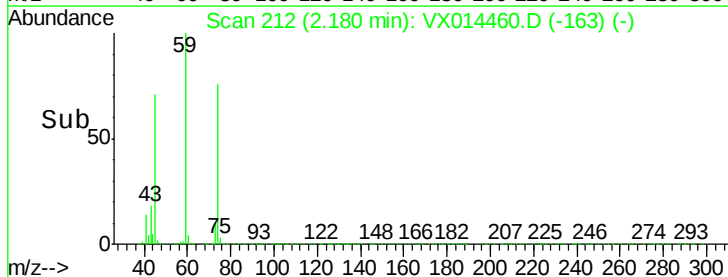
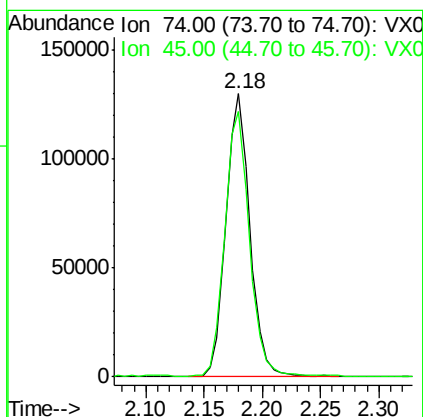
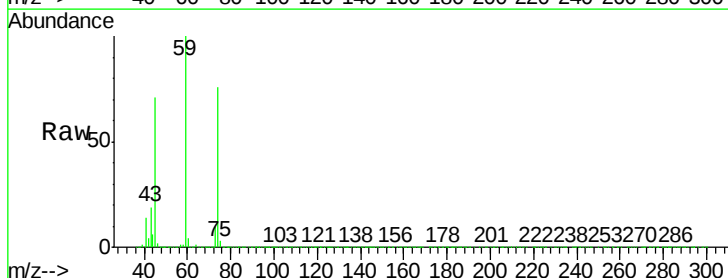
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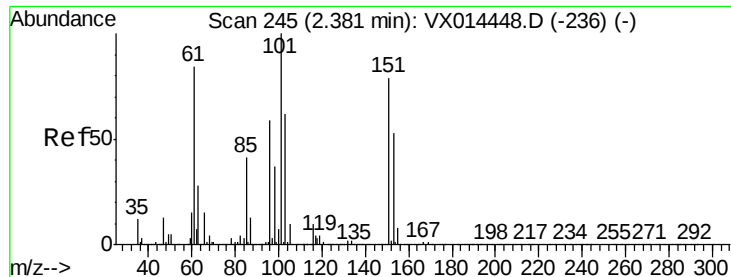


#8

Diethyl Ether
Concen: 46.467 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.990 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

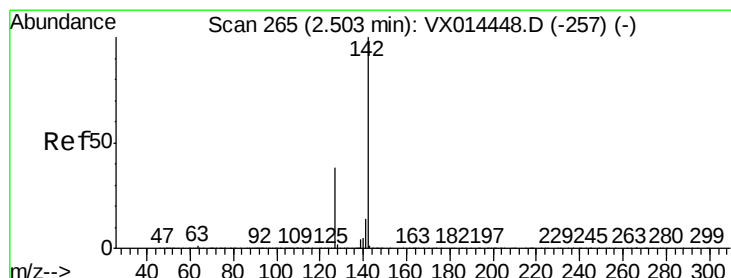
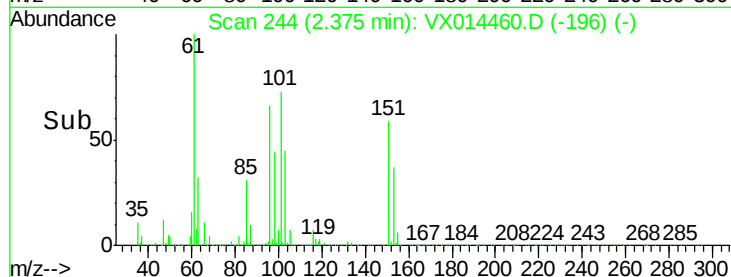
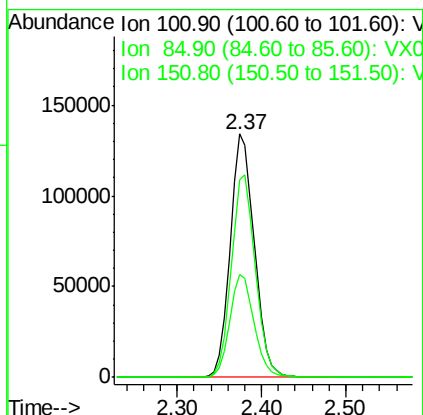
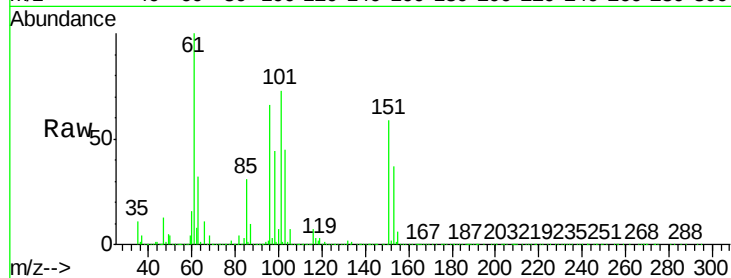
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	260703
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.8	50.8
151	82.4	65.3	97.9

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#10

Methyl Iodide

Concen: 46.692 ug/l

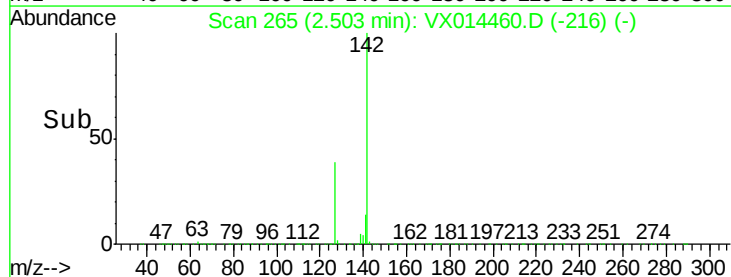
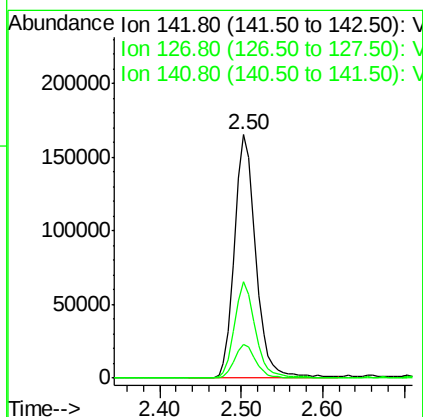
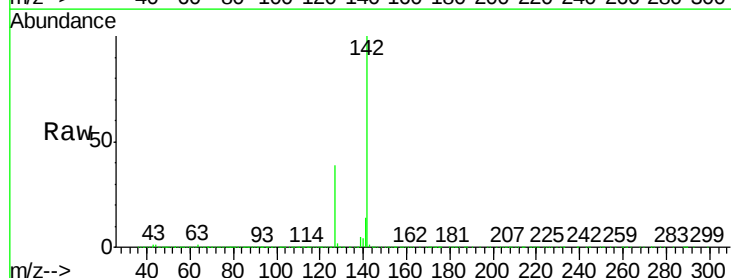
RT: 2.50 min Scan# 265

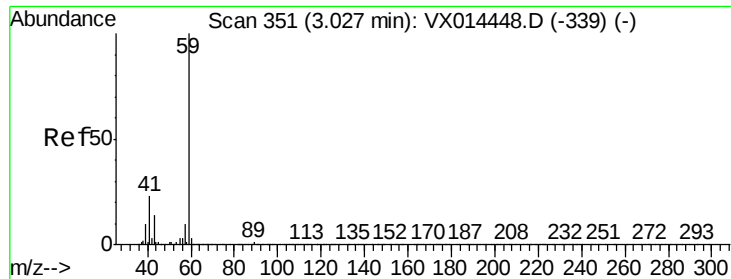
Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion:	142	Resp:	297529
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.2	46.8
141	13.8	11.4	17.2





#11

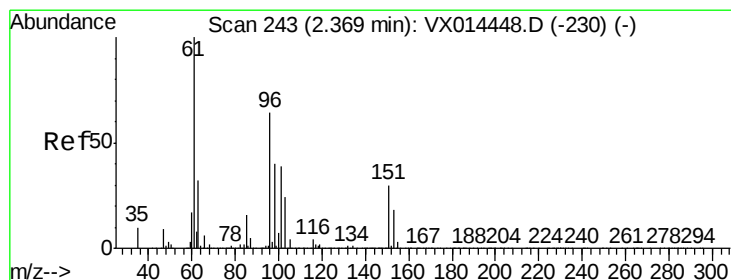
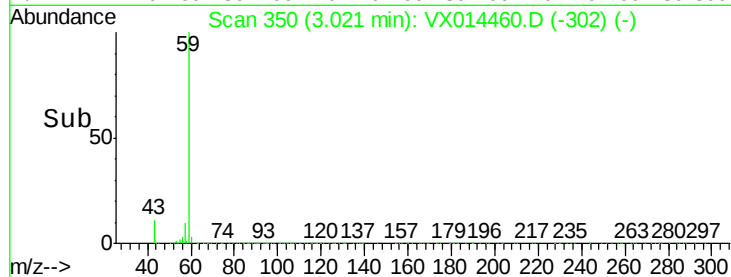
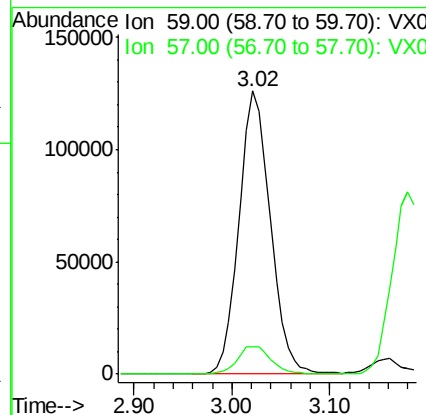
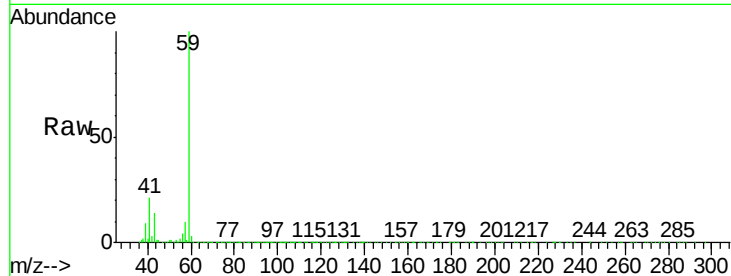
Tert butyl alcohol
Concen: 221.491 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.5	12.7

Manual Integrations
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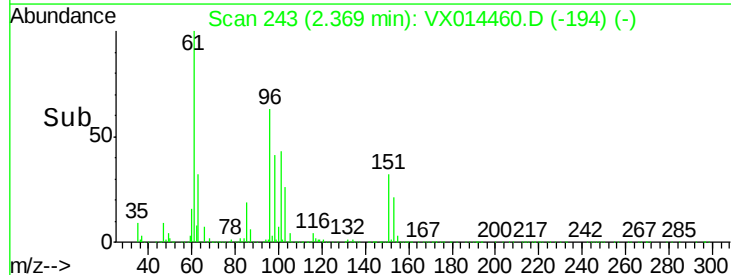
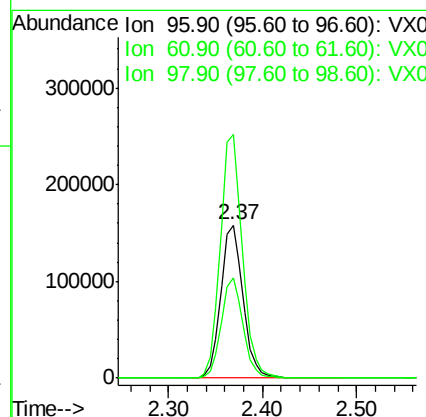
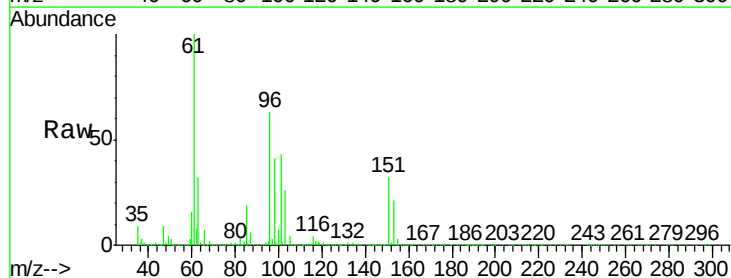
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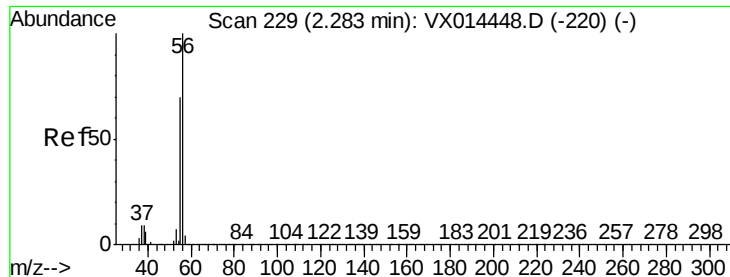


#12

1,1-Dichloroethene
Concen: 48.165 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.4	125.0	187.6
98	65.8	50.2	75.2





#13

Acrolein

Concen: 269.199 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 273029

Ion Ratio Lower Upper

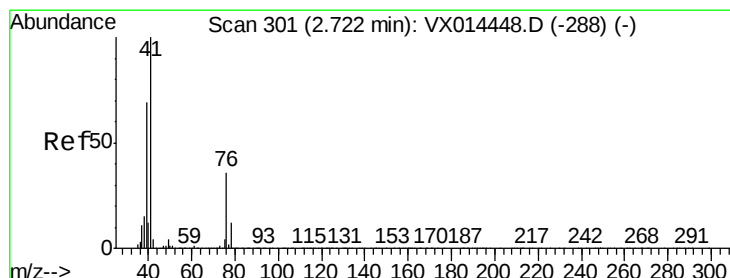
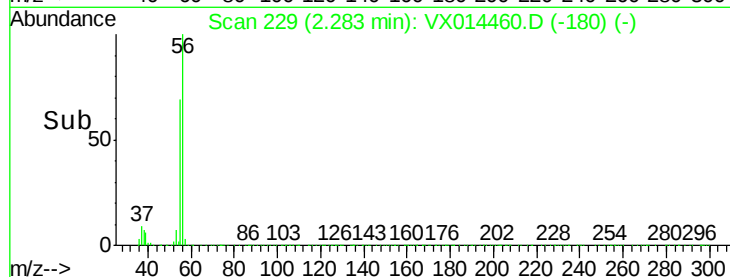
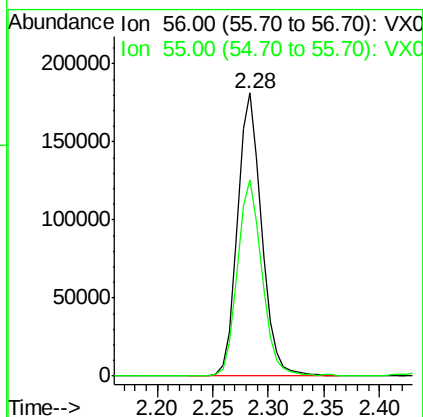
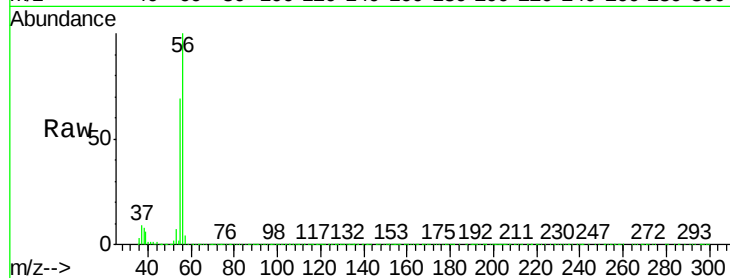
56 100

55 70.0 55.0 82.6

Manual Integrations
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#14

Allyl chloride

Concen: 48.526 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

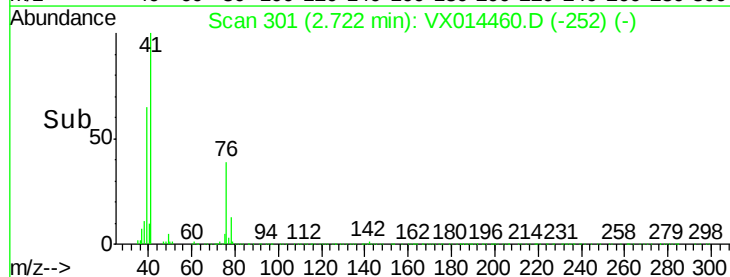
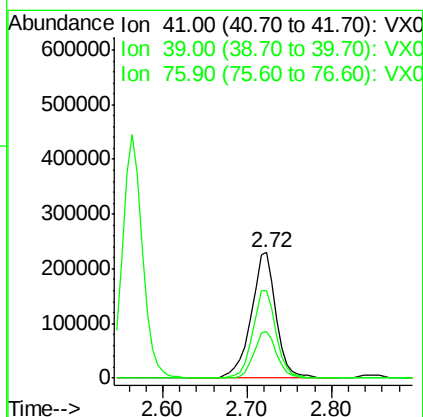
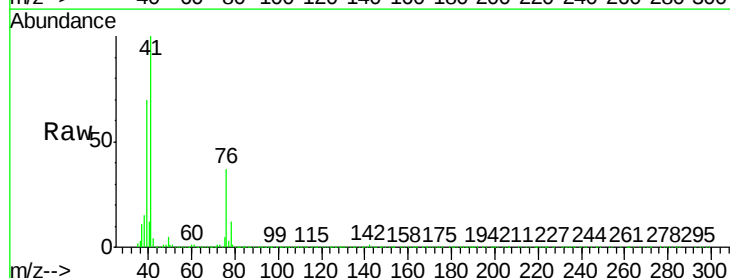
Tgt Ion: 41 Resp: 456788

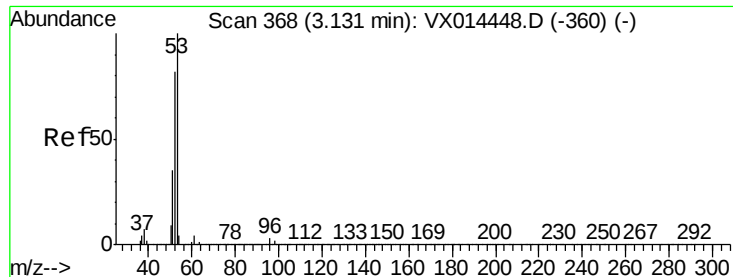
Ion Ratio Lower Upper

41 100

39 65.5 51.7 77.5

76 33.8 26.8 40.2





#15

Acrylonitrile

Concen: 237.114 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

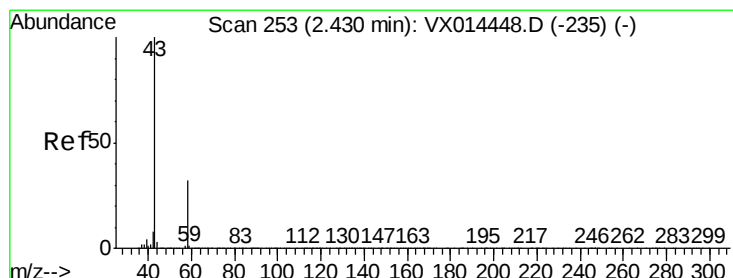
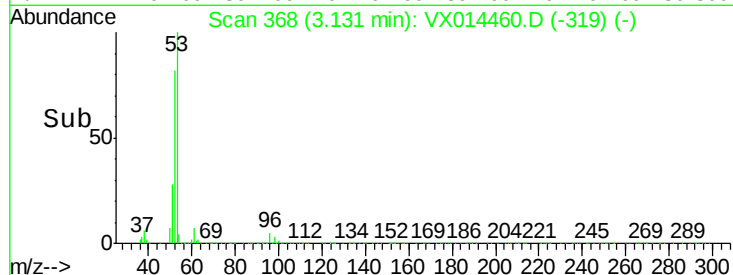
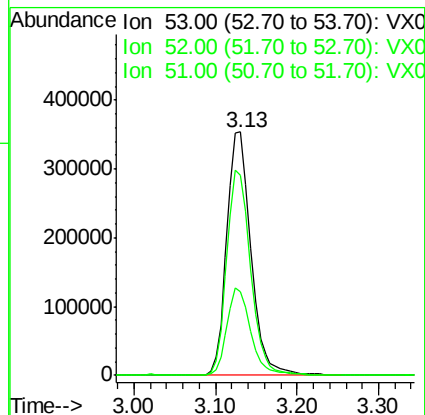
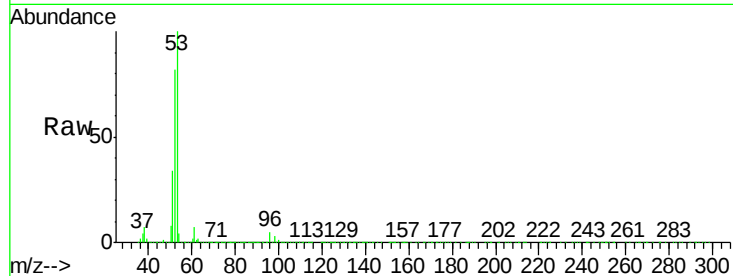
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	724150
Ion Ratio	Lower	Upper	
53	100		
52	83.5	67.0	100.4
51	35.7	28.5	42.7

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#16

Acetone

Concen: 263.018 ug/l

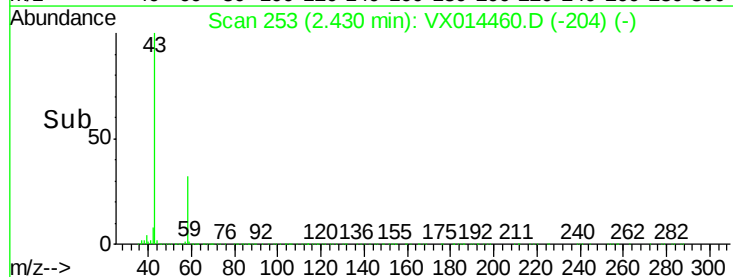
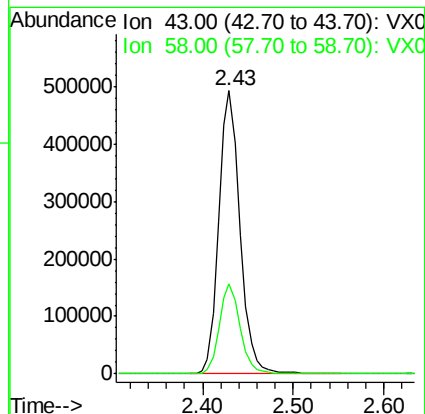
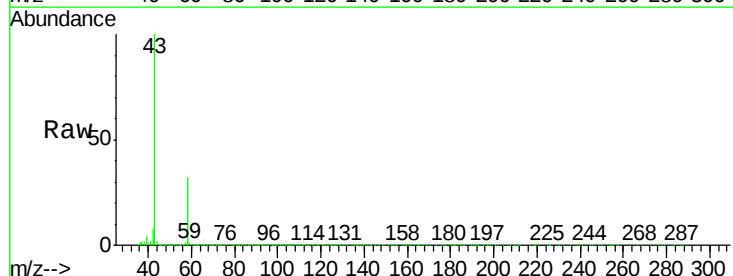
RT: 2.43 min Scan# 253

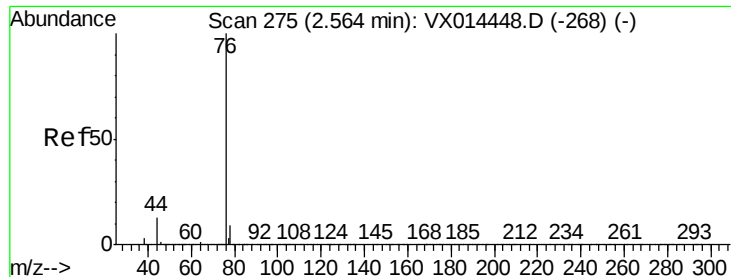
Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion:	43	Resp:	798549
Ion Ratio	Lower	Upper	
43	100		
58	31.7	25.4	38.0





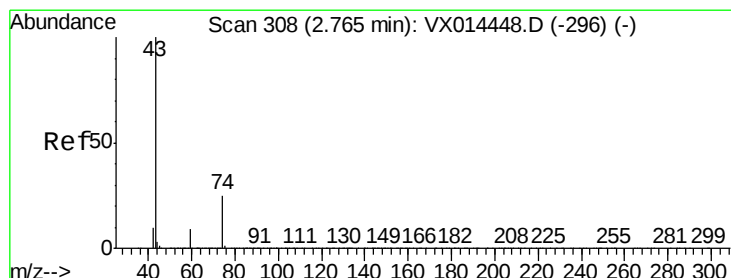
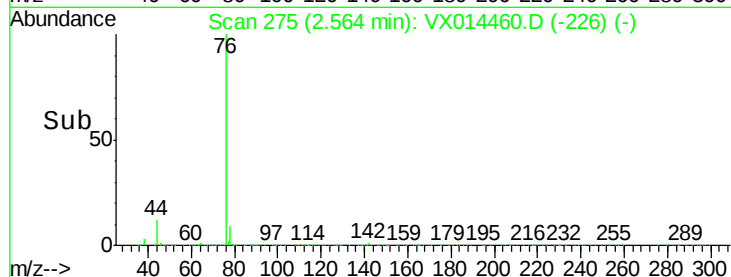
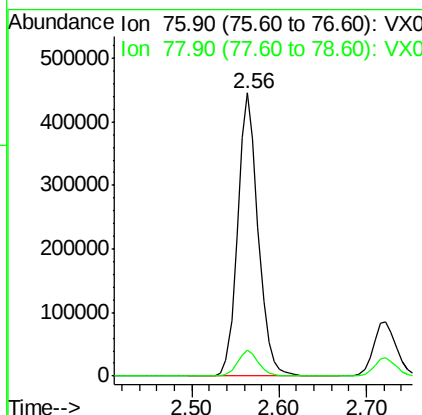
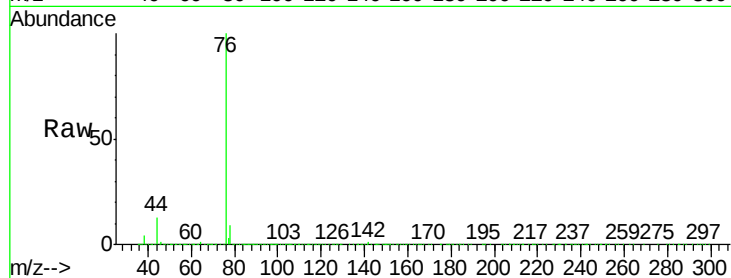
#17
Carbon Disulfide
Concen: 48.691 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

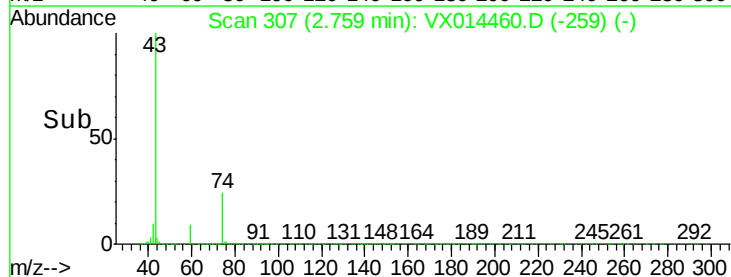
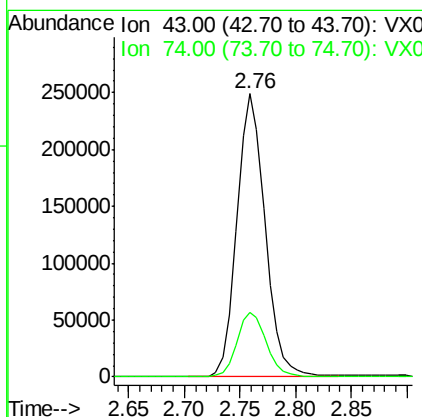
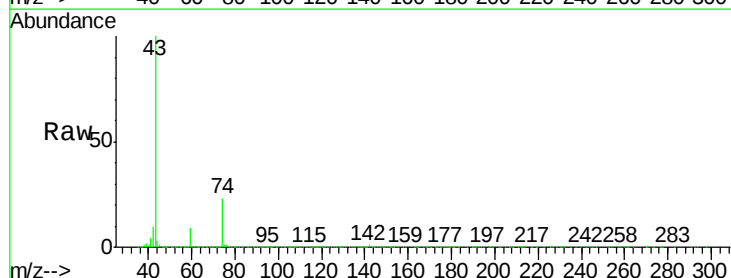
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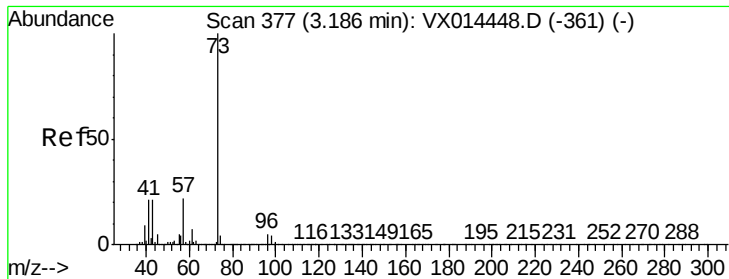
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#18
Methyl Acetate
Concen: 49.948 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.2





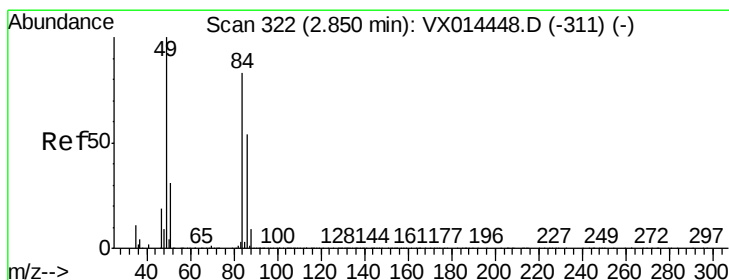
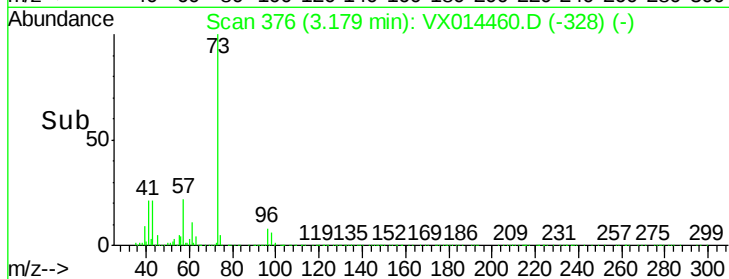
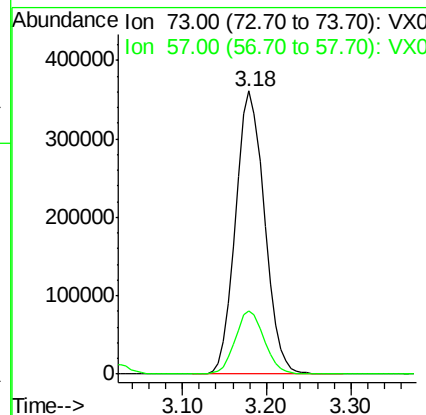
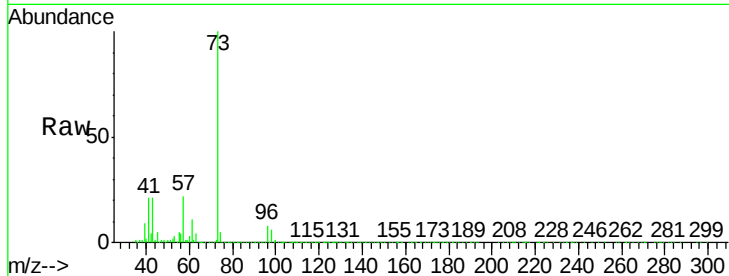
#19
Methyl tert-butyl Ether
Concen: 48.713 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.8

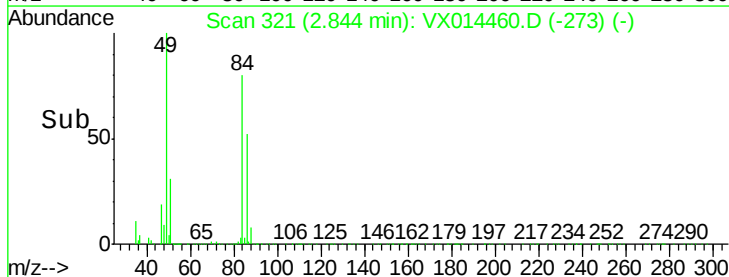
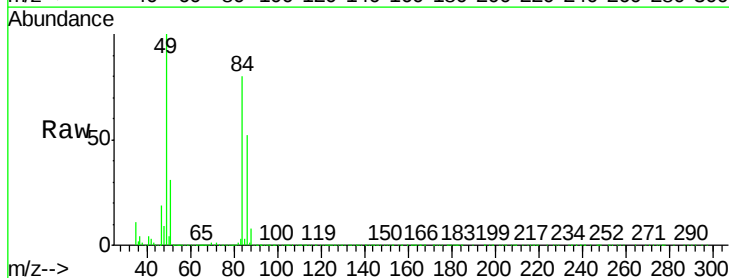
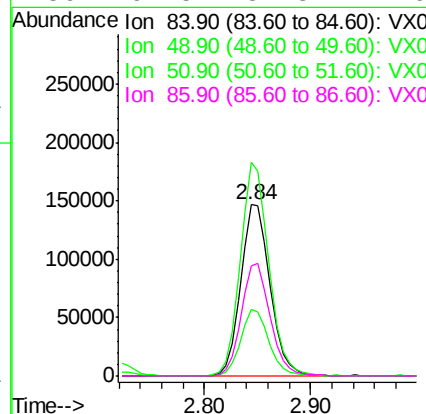
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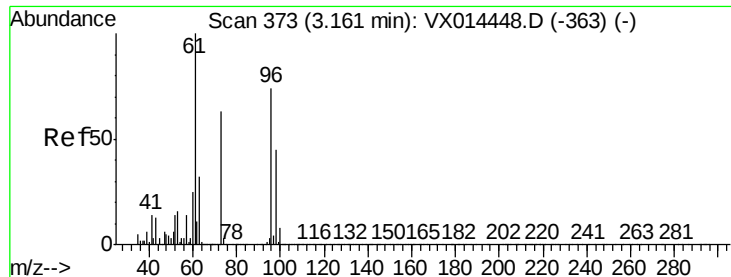
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#20
Methylene Chloride
Concen: 46.604 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	95.8	143.8
51	38.4	30.2	45.4
86	64.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.914 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

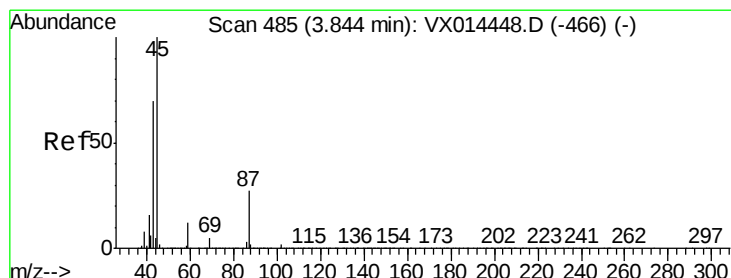
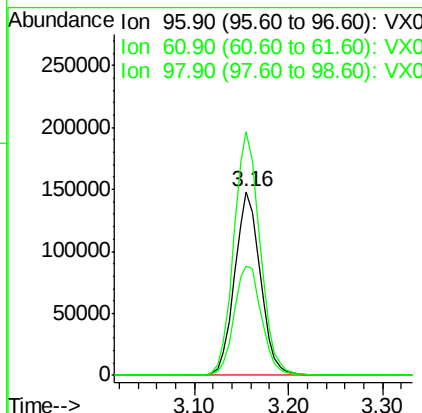
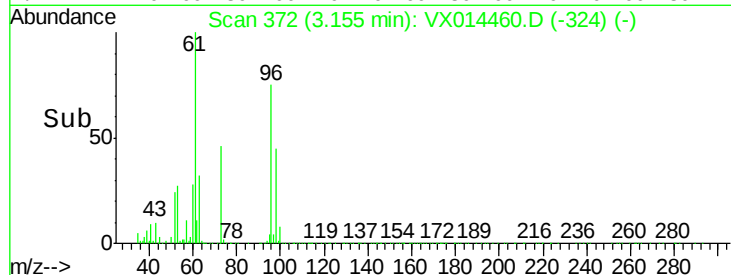
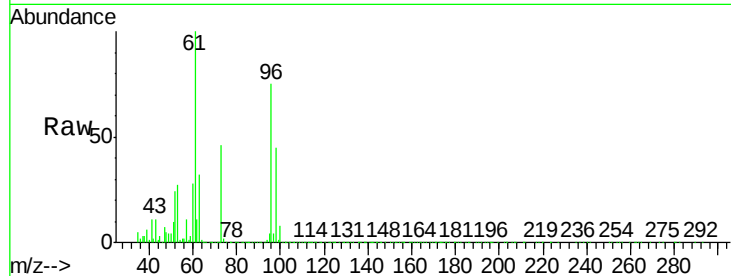
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	280458
Ion	Ratio	Lower	Upper
96	100		
61	132.7	108.2	162.4
98	59.7	48.8	73.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.958 ug/l

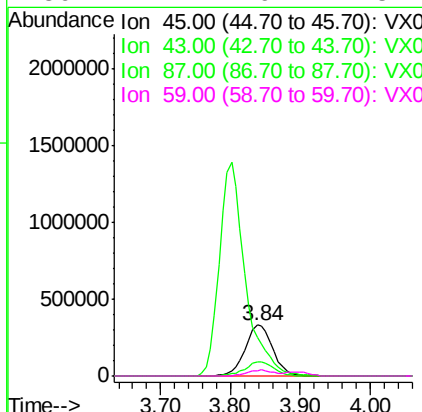
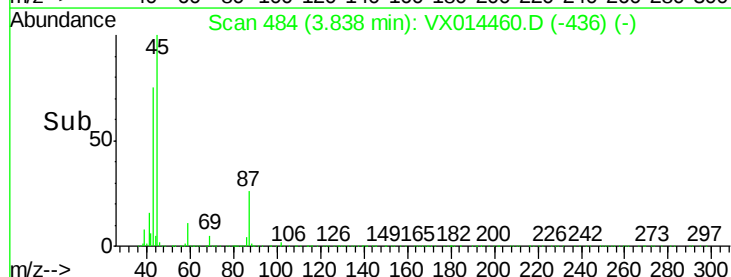
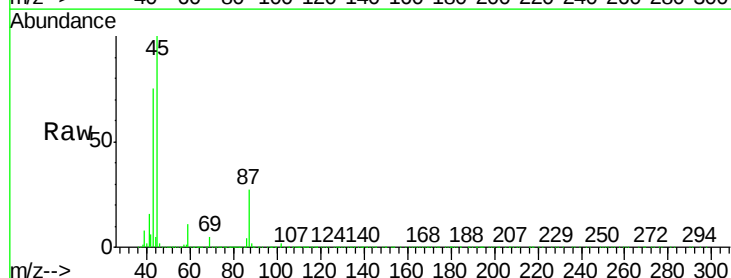
RT: 3.84 min Scan# 484

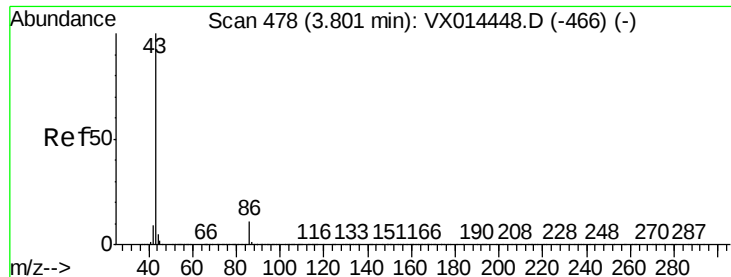
Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion:	45	Resp:	908818
Ion	Ratio	Lower	Upper
45	100		
43	75.2	55.8	83.6
87	26.4	21.8	32.8
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 255.584 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 3599702

Ion Ratio Lower Upper

43 100

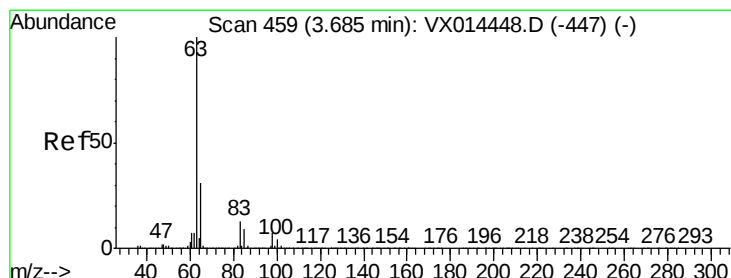
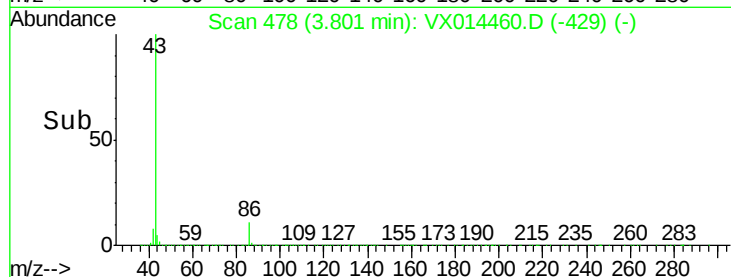
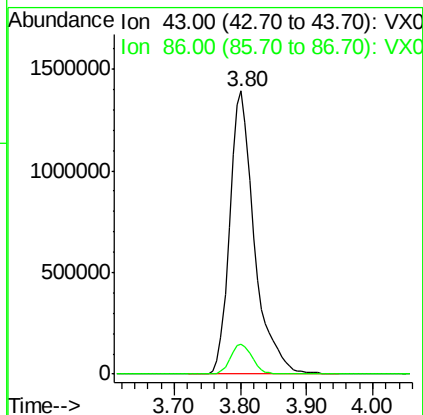
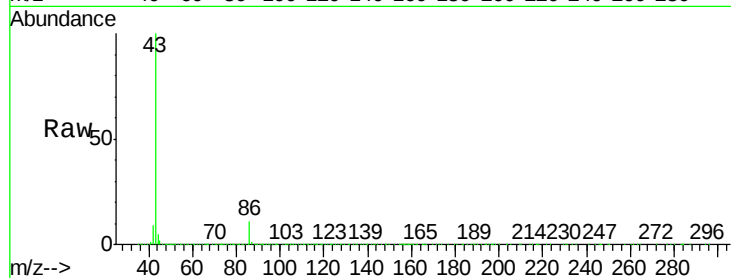
86 10.6 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 49.633 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

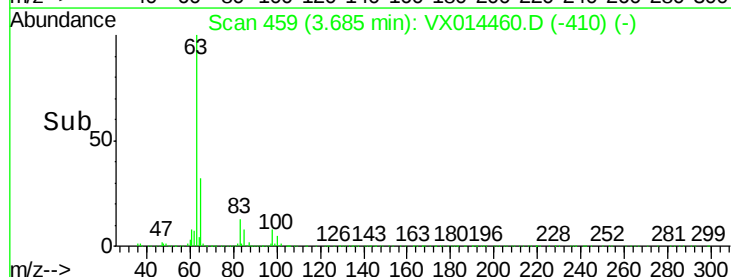
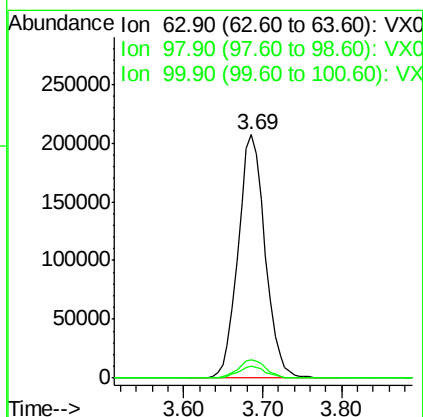
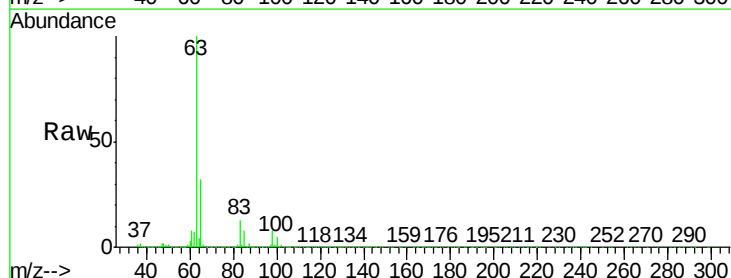
Tgt Ion: 63 Resp: 491168

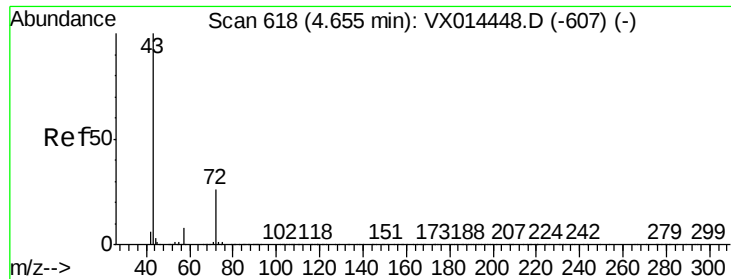
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 5.1 2.3 6.8





#25

2-Butanone

Concen: 240.784 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1089996

Ion Ratio Lower Upper

43 100

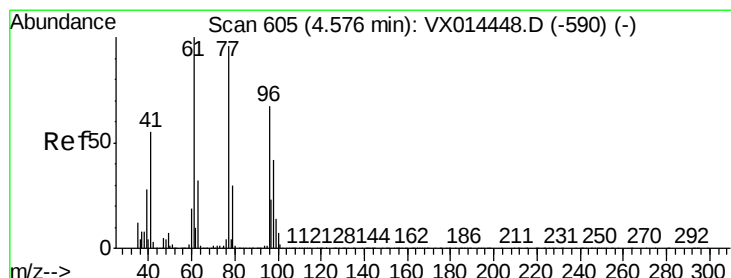
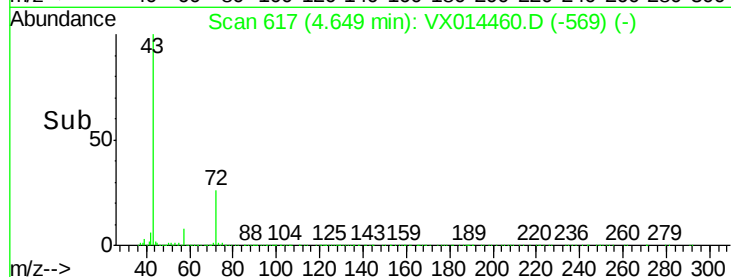
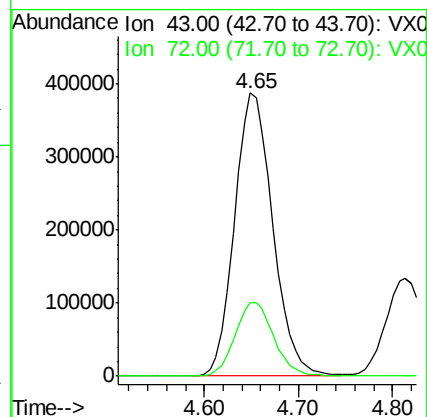
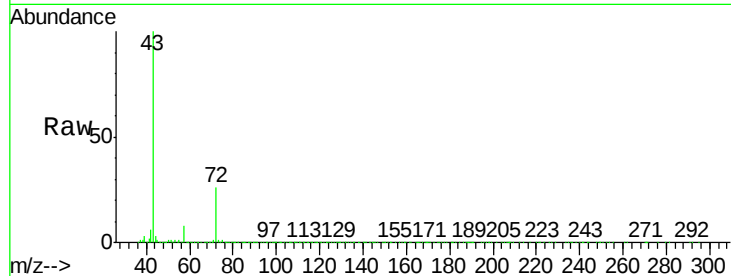
72 25.6 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.320 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014460.D

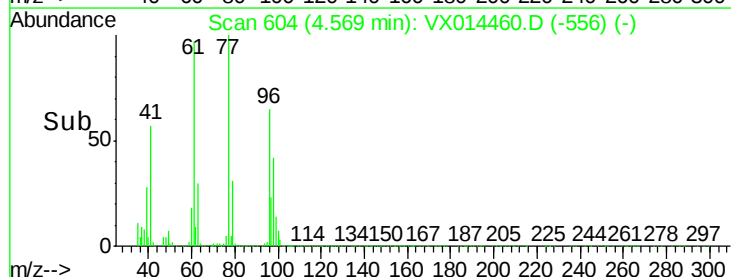
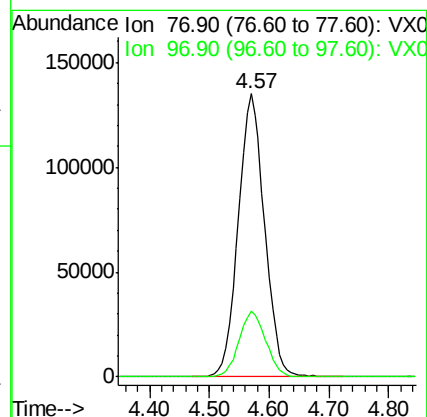
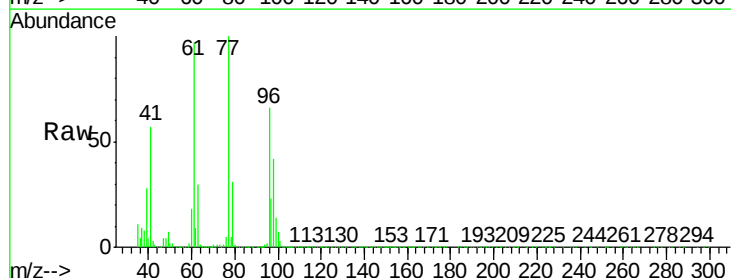
Acq: 08 Jan 2020 10:26

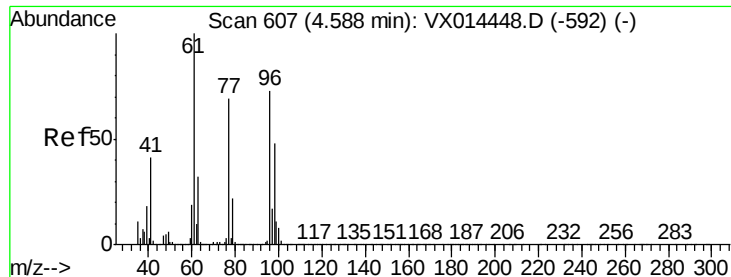
Tgt Ion: 77 Resp: 413458

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

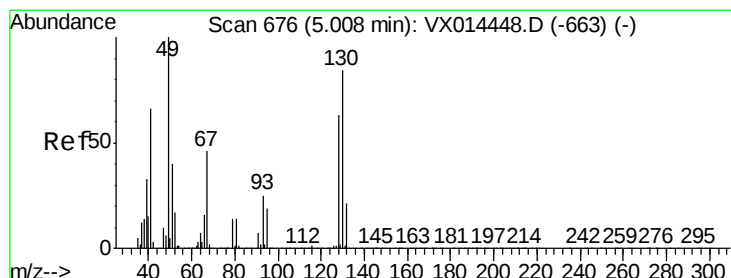
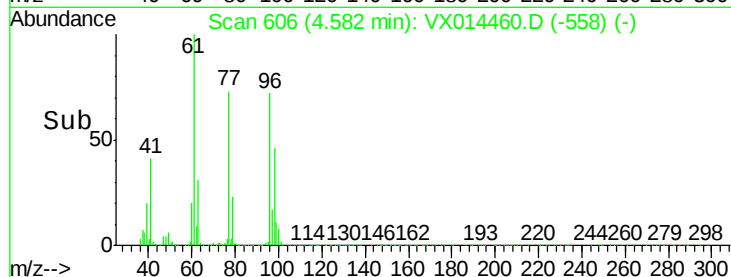
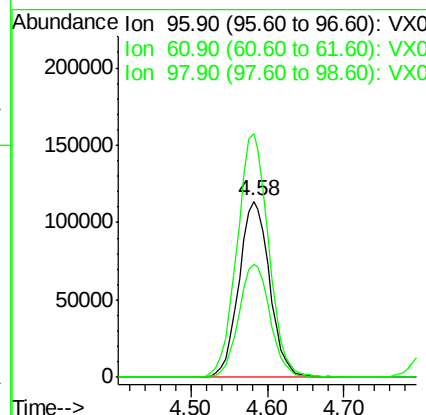
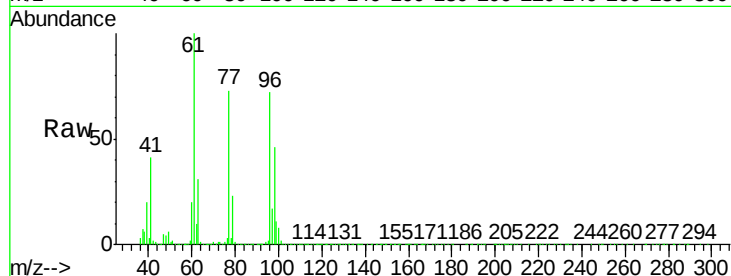
cis-1,2-Dichloroethene
Concen: 48.012 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	314163		
61	143.0	0.0	285.4	
98	65.7	0.0	130.6	

Manual Integrations
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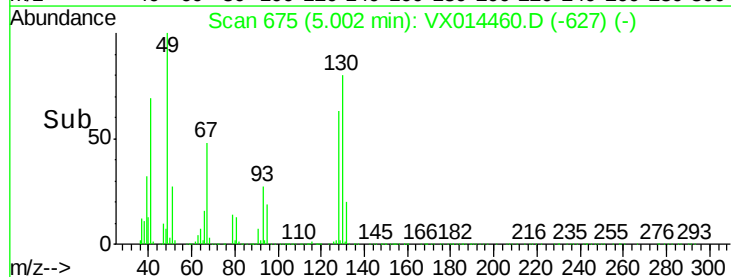
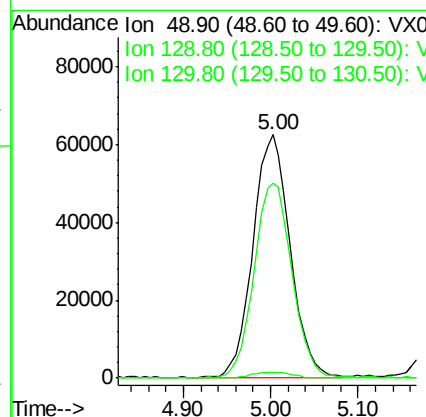
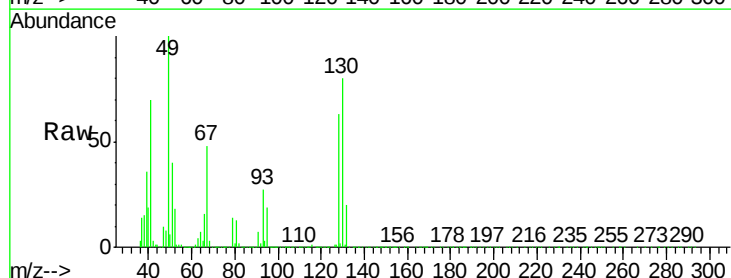
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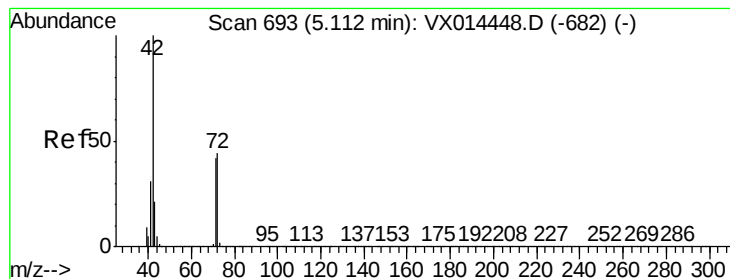


#28

Bromochloromethane
Concen: 43.995 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	183456		
129	2.6	0.0	4.4	
130	82.2	67.0	100.4	





#29

Tetrahydrofuran

Concen: 240.450 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

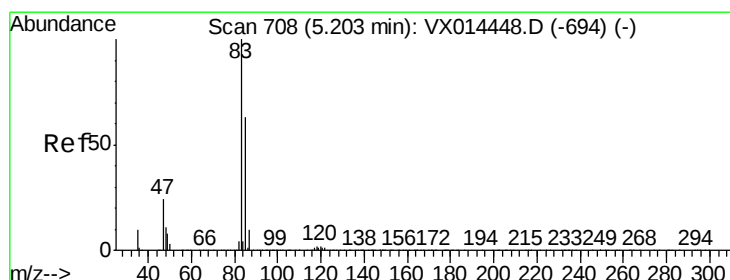
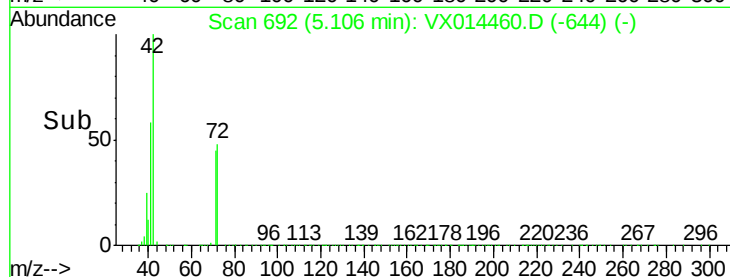
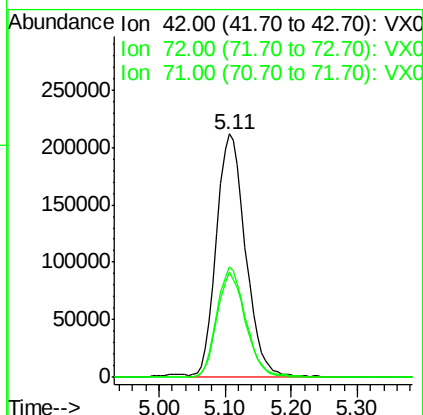
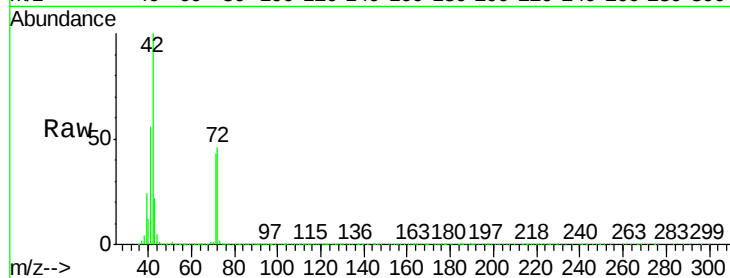
ClientSampled :

VSTDCCC050

Tgt Ion:	42	Resp:	643554
Ion Ratio	Lower	Upper	
42	100		
72	45.7	36.2	54.4
71	42.5	34.1	51.1

Manual Integrations
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#30

Chloroform

Concen: 49.458 ug/l

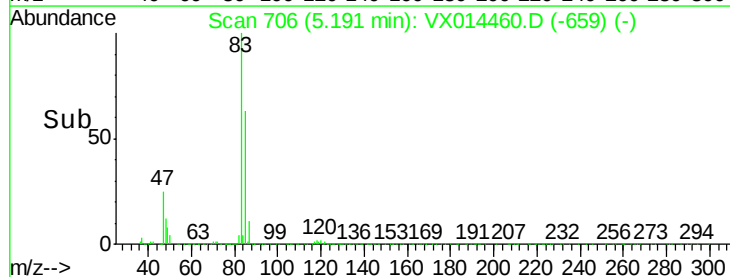
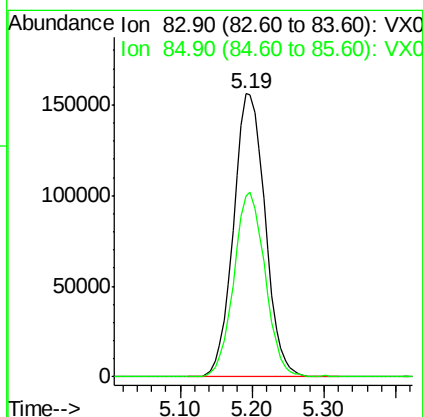
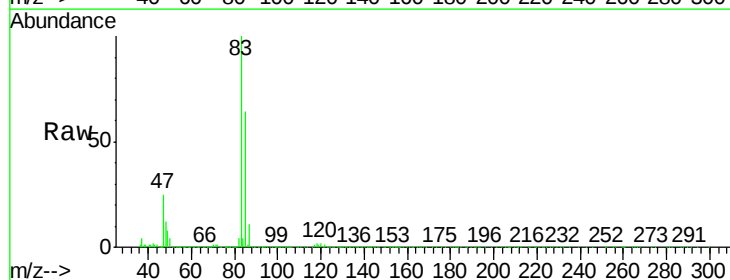
RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion:	83	Resp:	478270
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.6	75.8





#31

Cyclohexane

Concen: 51.491 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

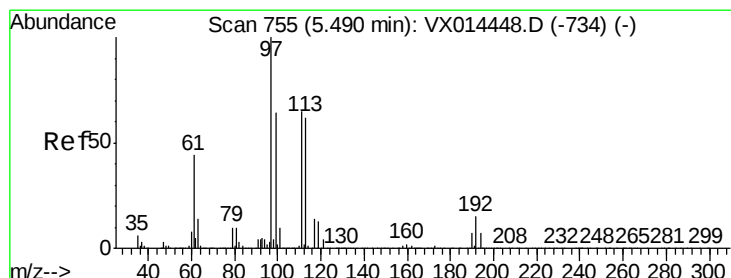
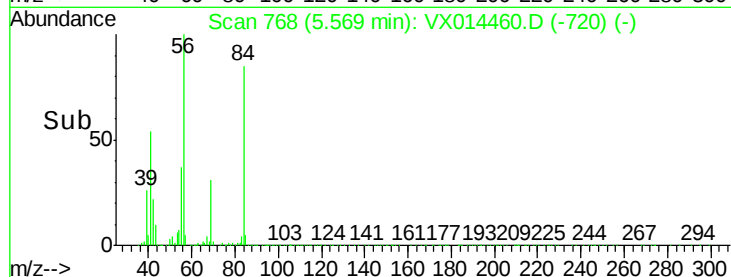
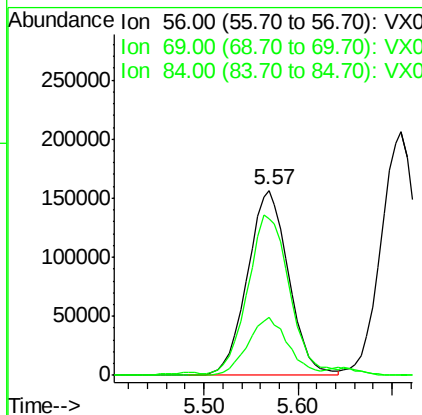
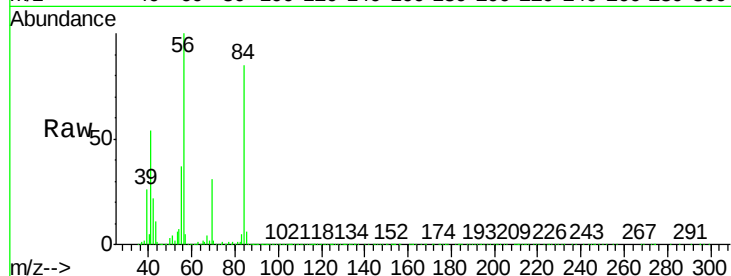
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	476961
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.4	36.6
84	83.5	70.6	106.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.568 ug/l

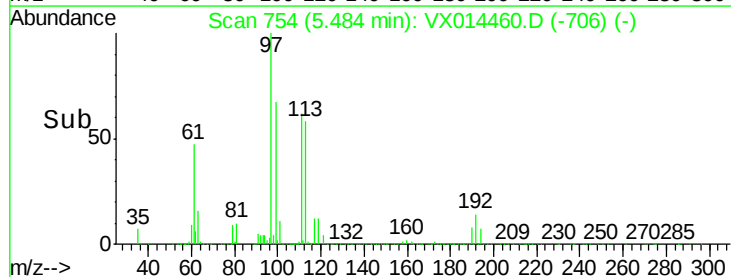
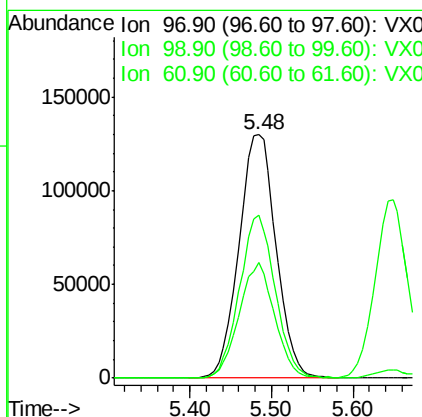
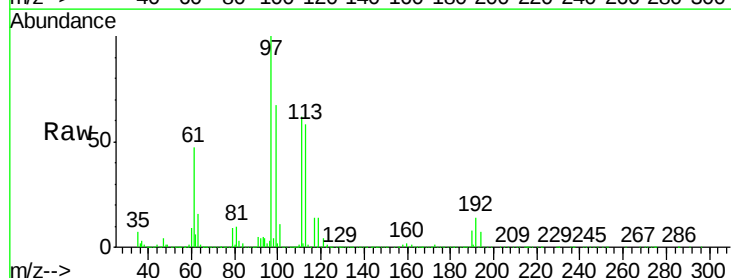
RT: 5.48 min Scan# 754

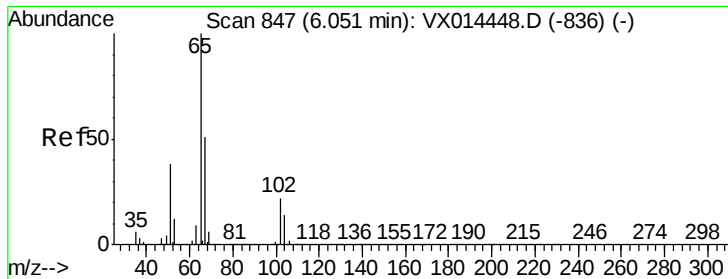
Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion:	97	Resp:	410297
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	45.4	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 43.015 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 260681

Ion Ratio Lower Upper

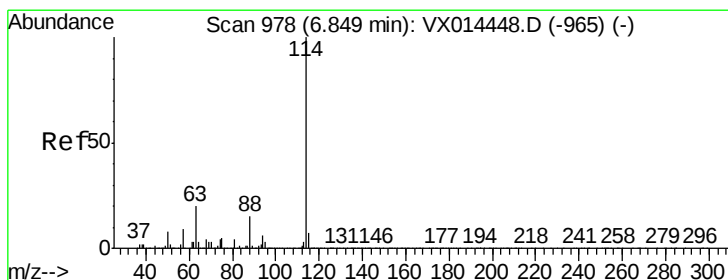
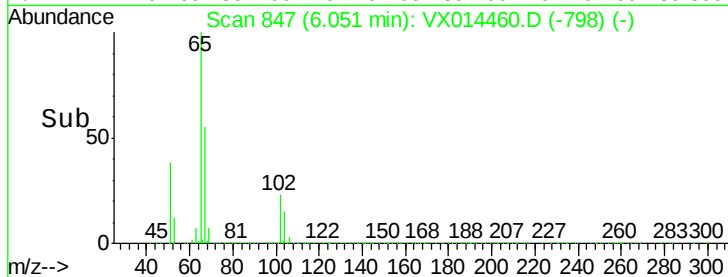
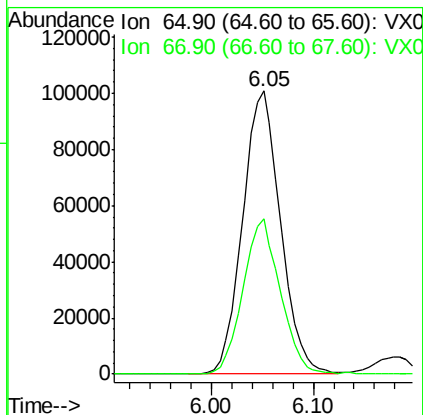
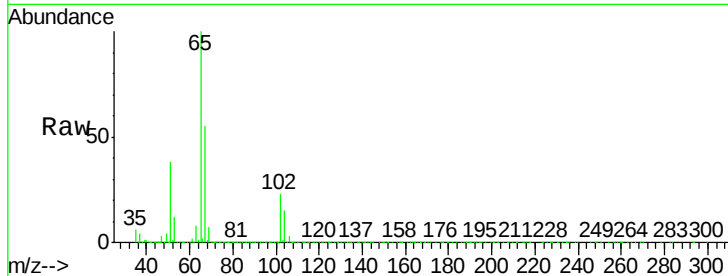
65 100

67 53.5 0.0 106.2

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

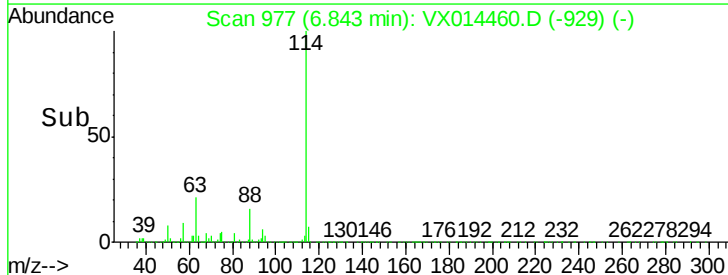
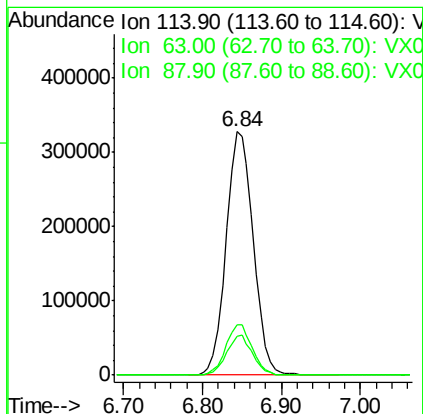
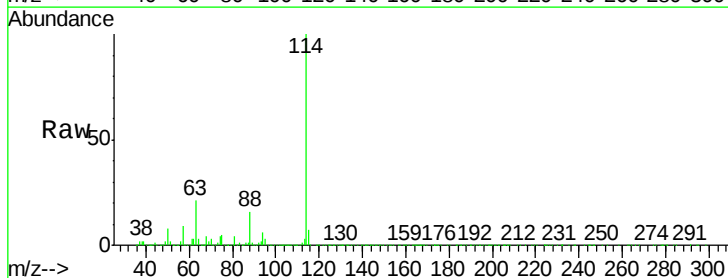
Tgt Ion: 114 Resp: 784799

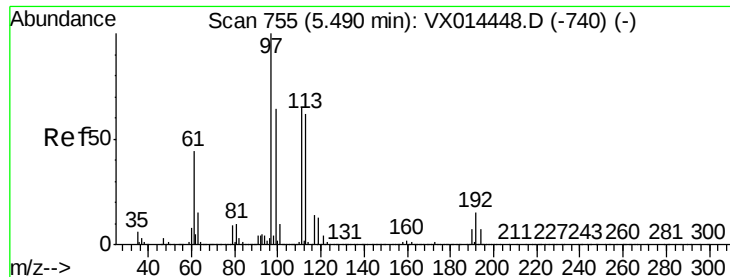
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 16.0 0.0 30.8





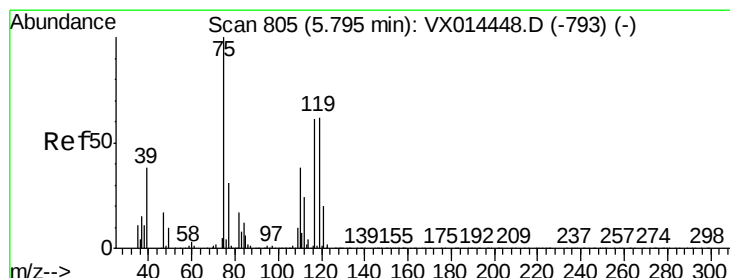
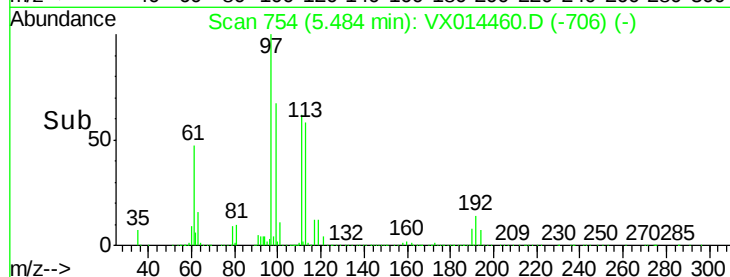
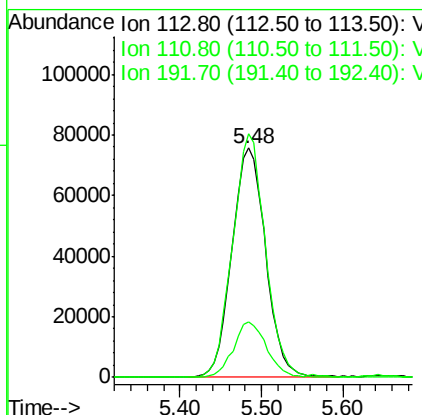
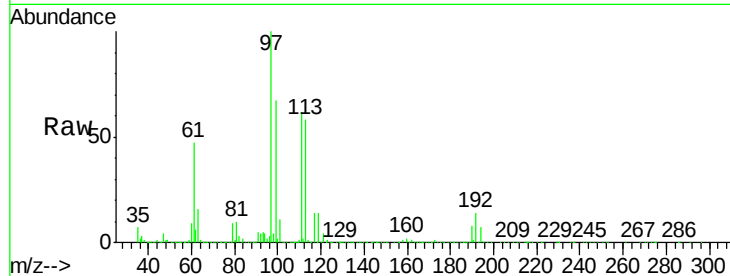
#35
Dibromofluoromethane
Concen: 45.338 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	215390		
111	103.6	81.5	122.3	
192	24.1	19.2	28.8	

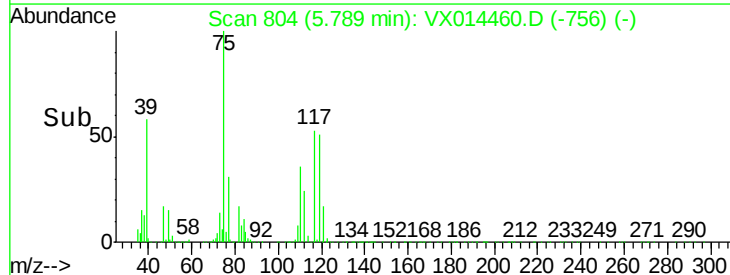
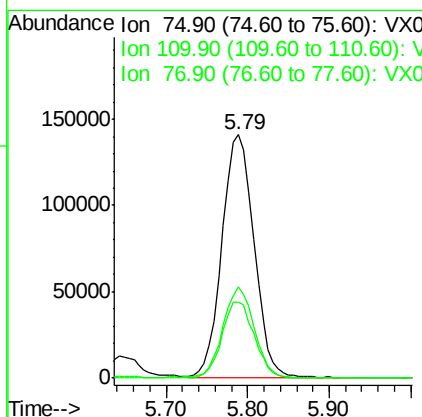
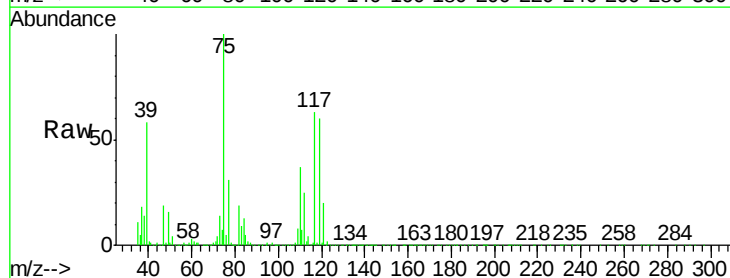
Manual Integrations
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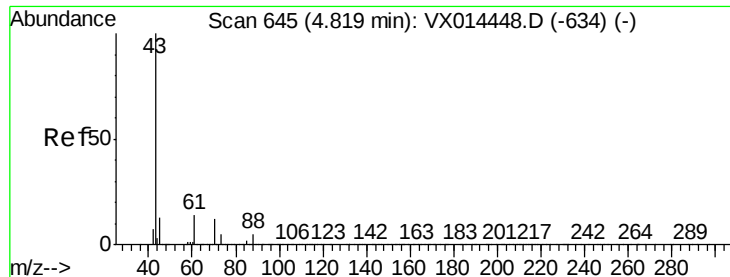
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#36
1,1-Dichloropropene
Concen: 51.721 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	381714		
110	36.5	18.6	55.8	
77	31.6	24.5	36.7	





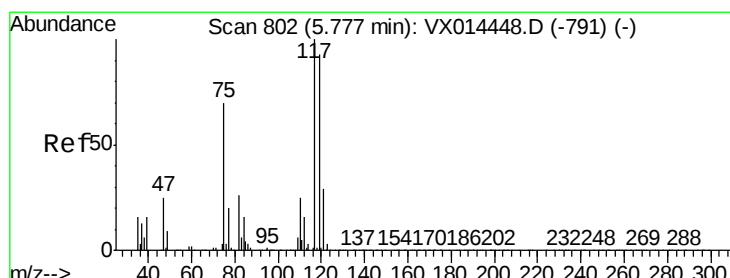
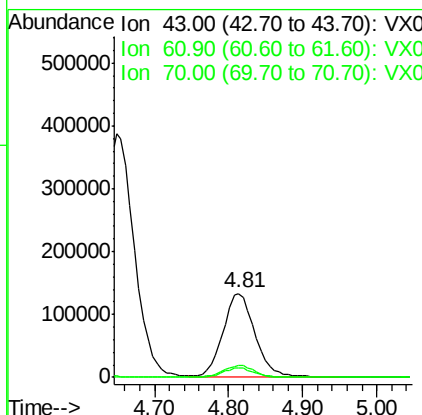
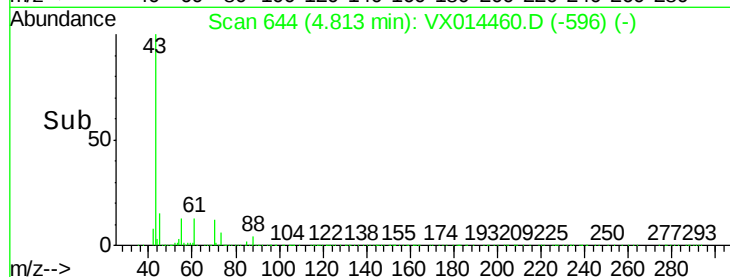
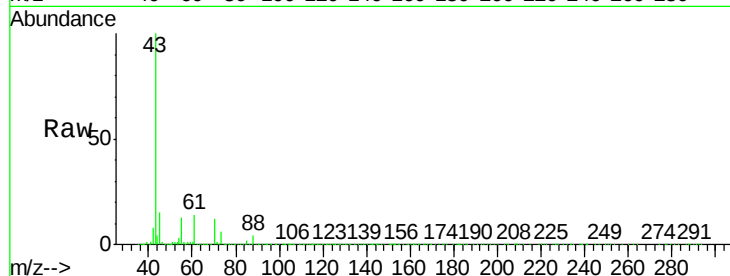
#37
Ethyl Acetate
Concen: 49.525 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	10.7	8.9	13.3

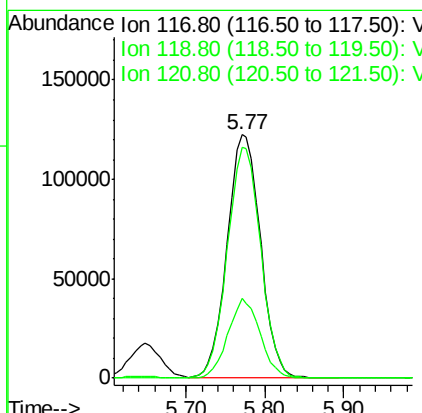
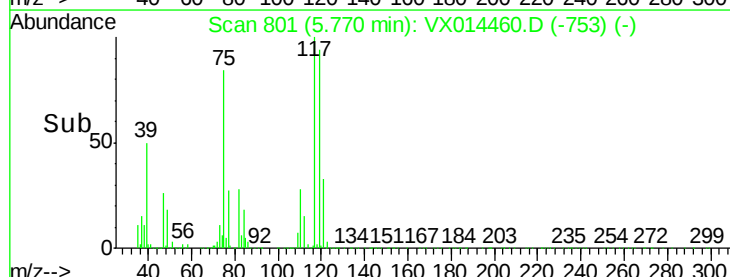
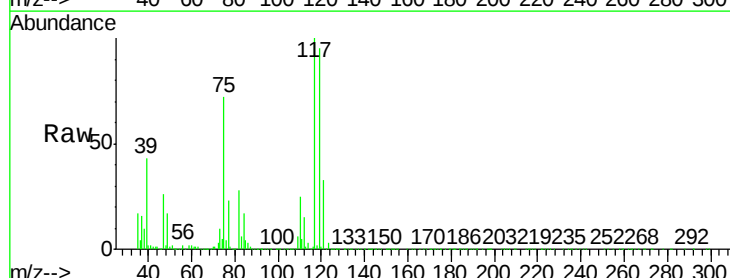
Manual Integrations
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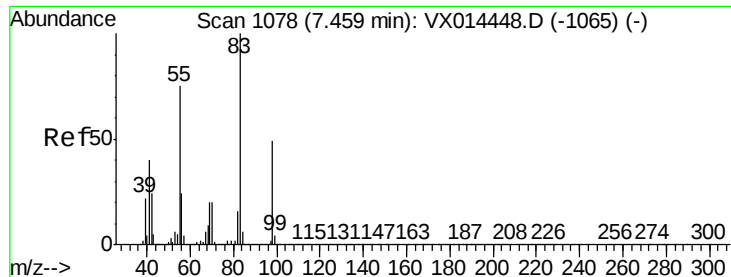
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#38
Carbon Tetrachloride
Concen: 52.885 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	73.8	110.8
121	32.6	23.4	35.0





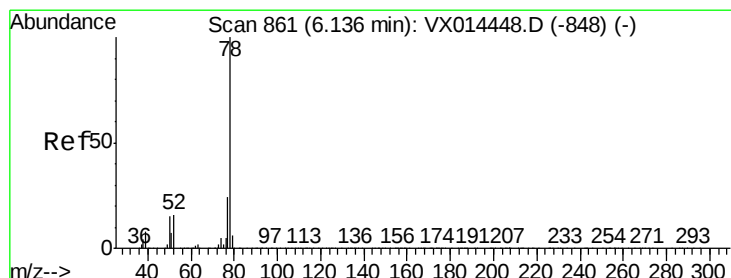
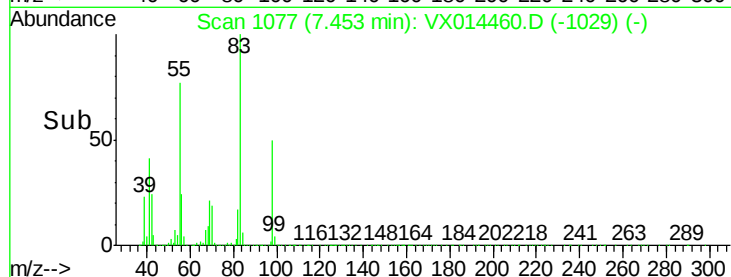
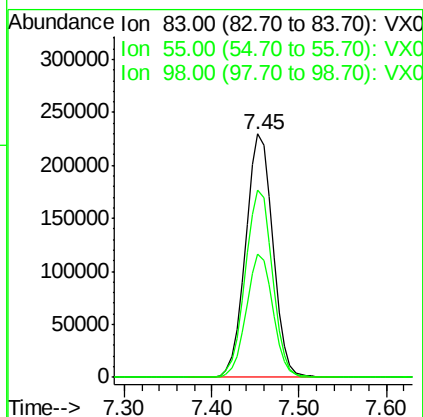
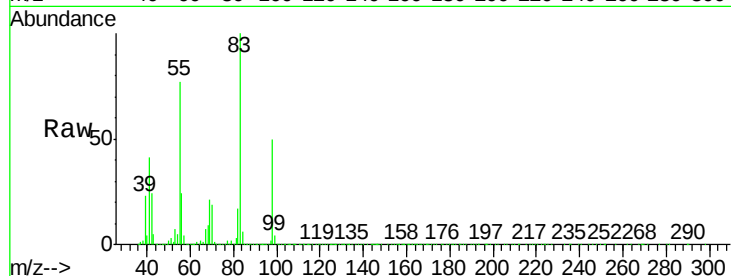
#39
Methylcyclohexane
Concen: 53.233 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	59.7	89.5
98	50.4	39.1	58.7

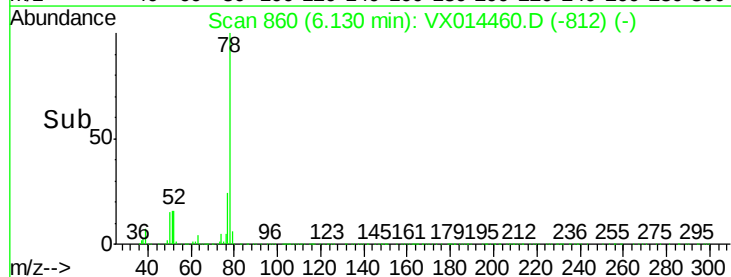
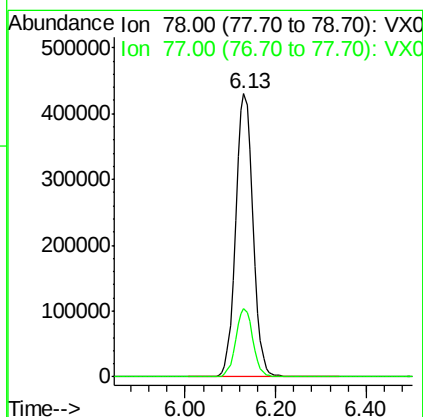
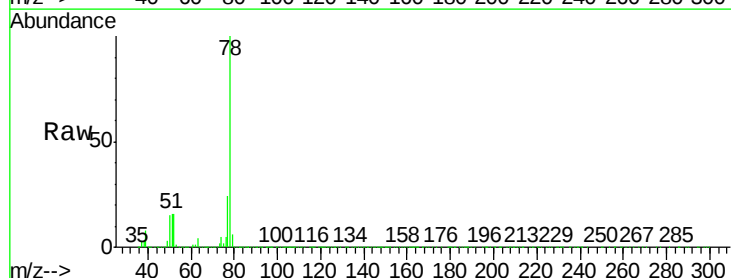
Manual Integrations
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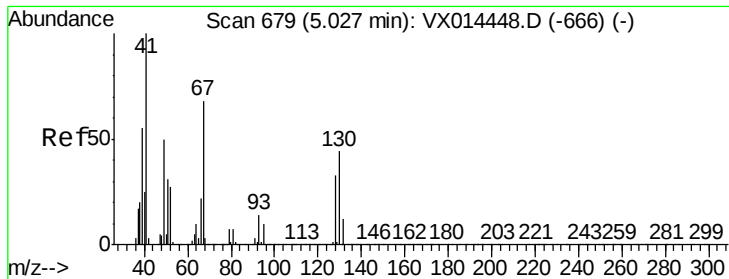
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#40
Benzene
Concen: 51.770 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3





#41

Methacrylonitrile

Concen: 51.471 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

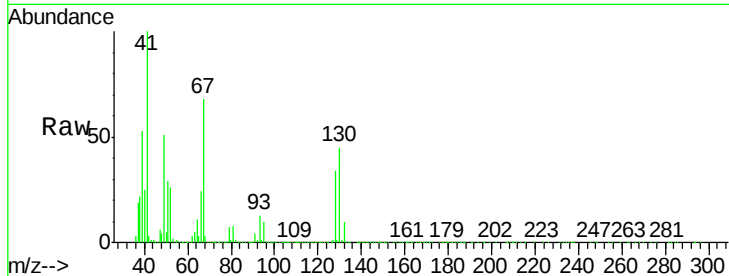
ClientSampleId :

VSTDCCC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		220040		
39	54.5	43.6	65.4		
67	71.3	57.9	86.9		
52	27.9	23.0	34.6		

Manual Integrations
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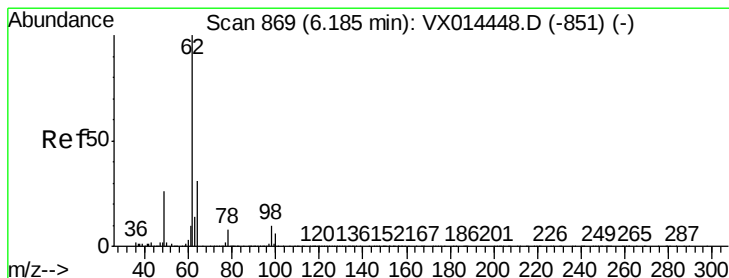
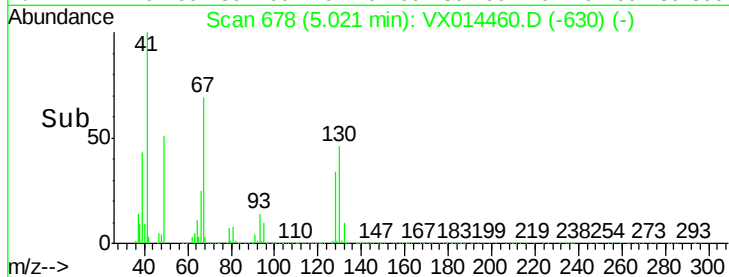
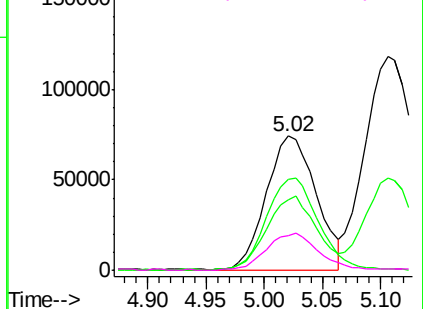


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.841 ug/l

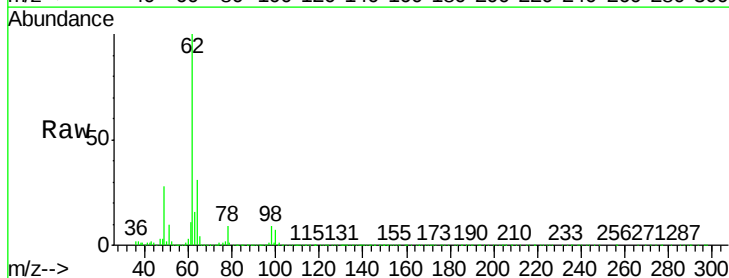
RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014460.D

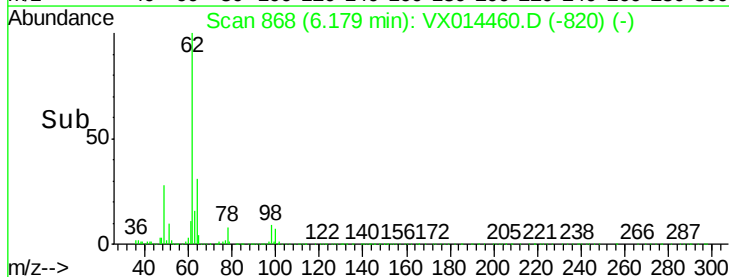
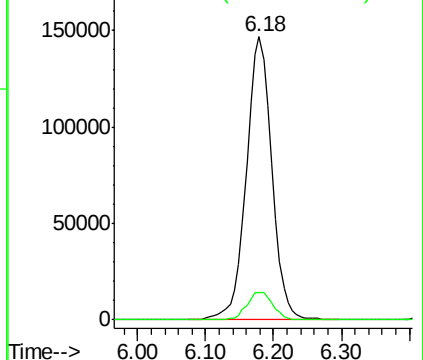
Acq: 08 Jan 2020 10:26

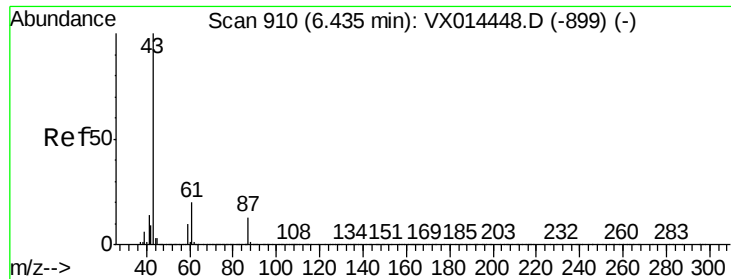
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		381719		
98	10.0	0.0	20.4		



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

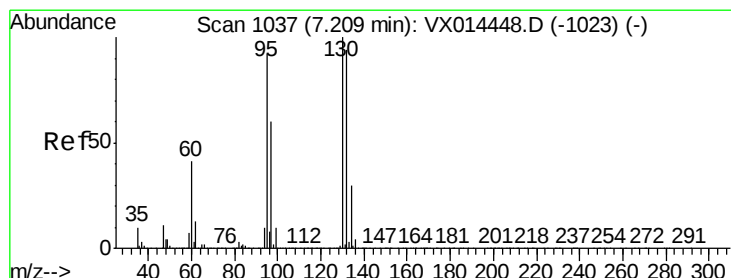
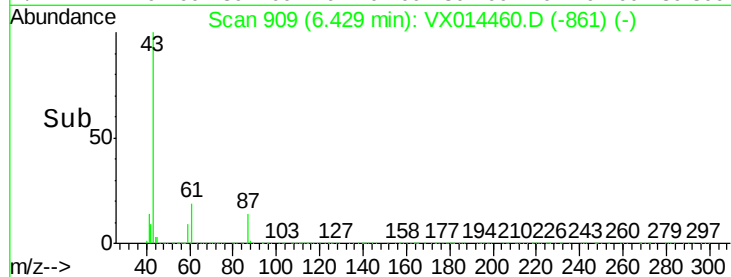
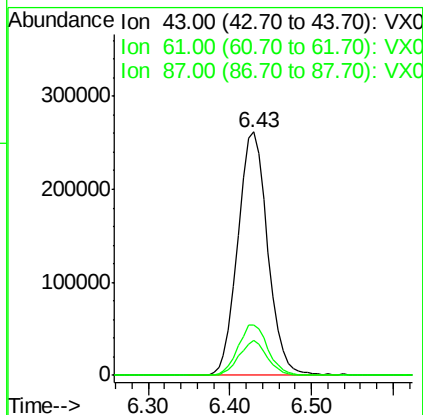
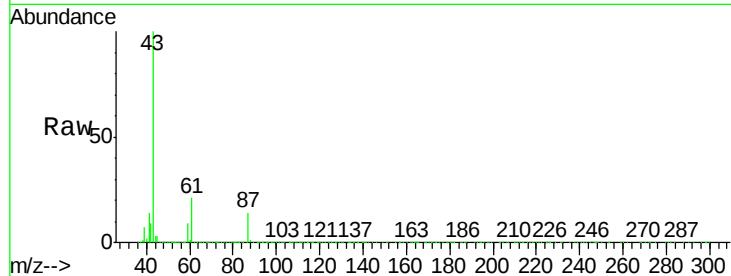
Isopropyl Acetate
 Concen: 50.988 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.6	24.8
87	13.6	10.8	16.2

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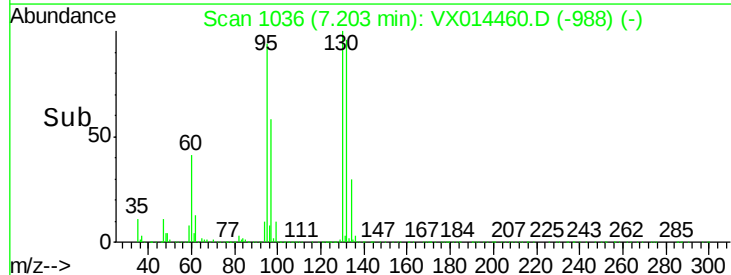
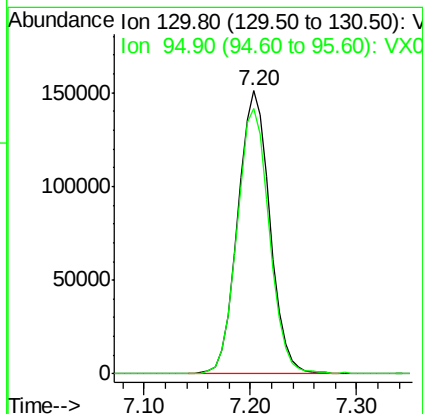
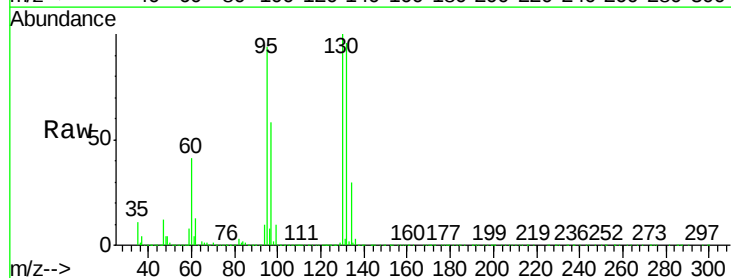
apatel
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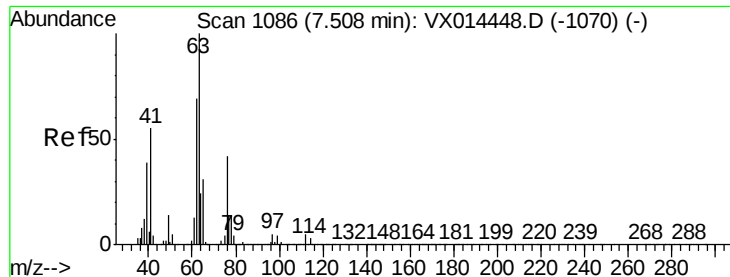


#44

Trichloroethene
 Concen: 50.777 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	184.2





#45

1,2-Dichloropropane

Concen: 51.400 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 287050

Ion Ratio Lower Upper

63 100

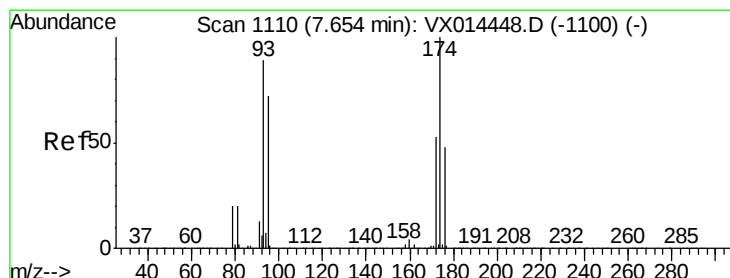
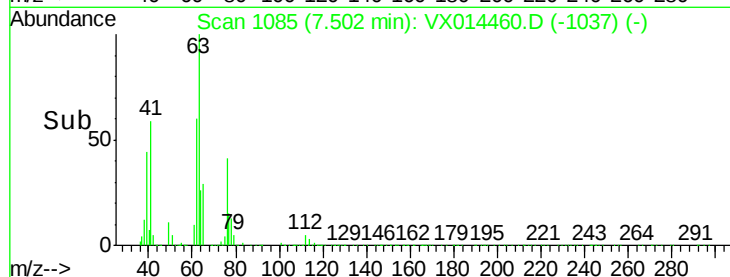
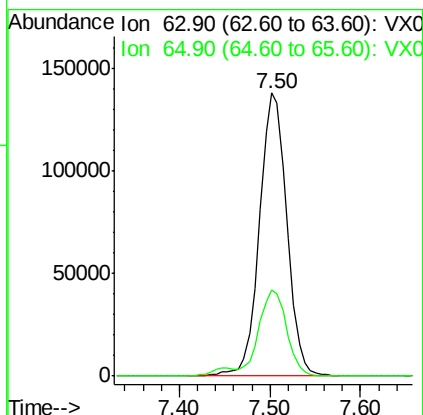
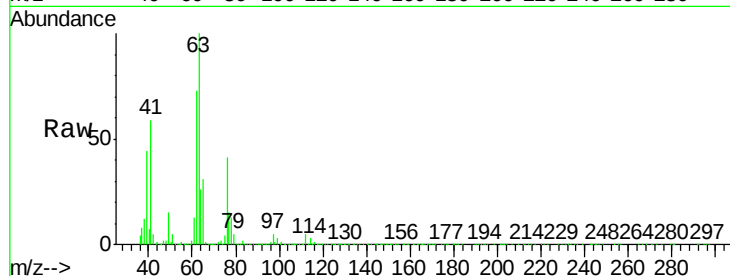
65 30.5 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 47.773 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

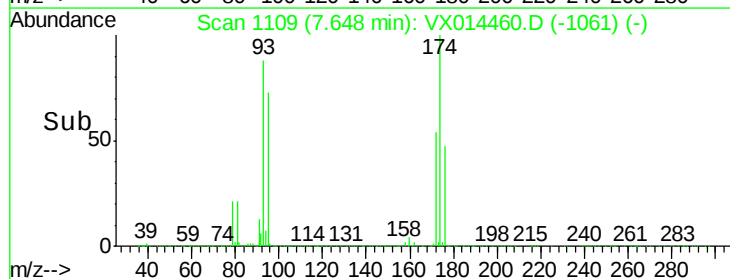
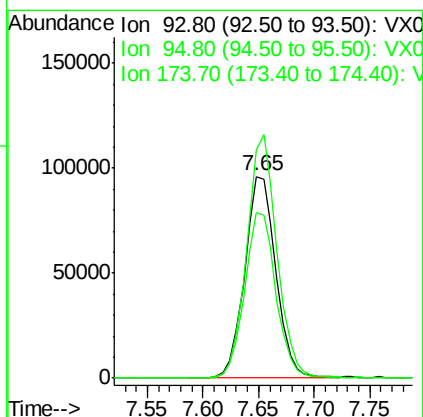
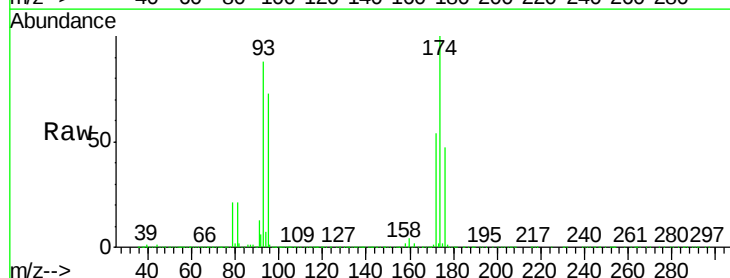
Tgt Ion: 93 Resp: 186211

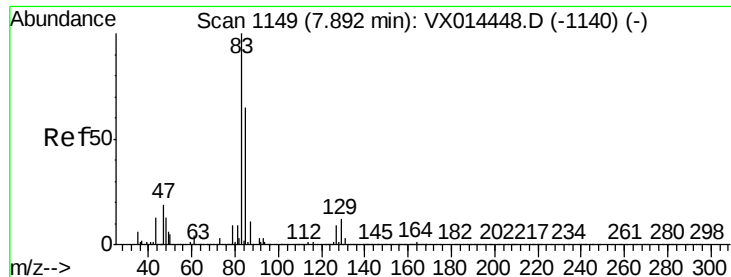
Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.2

174 117.4 93.0 139.4





#47

Bromodichloromethane

Concen: 53.103 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

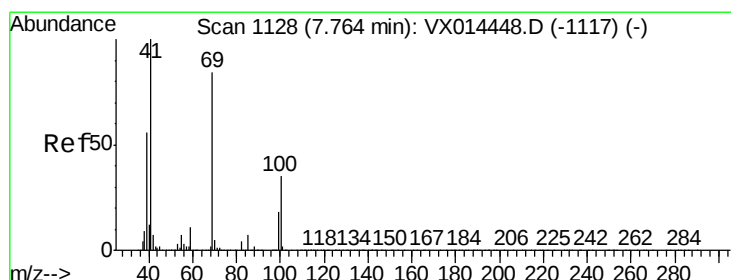
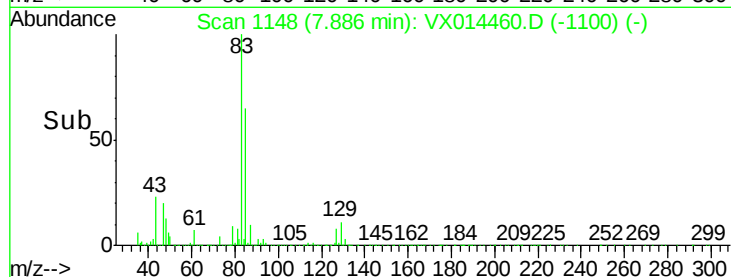
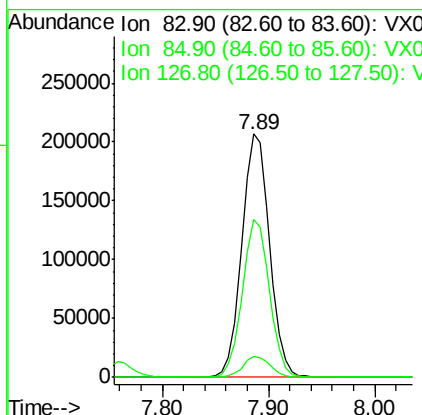
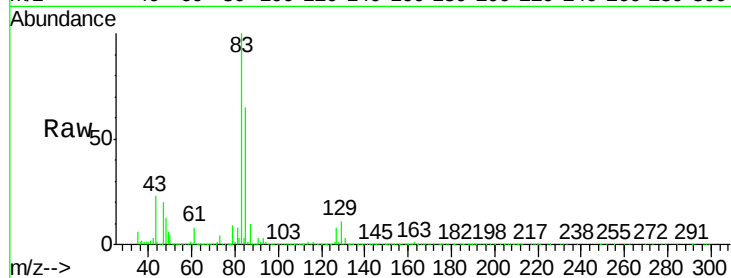
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	376630
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.7	77.5
127	8.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.390 ug/l

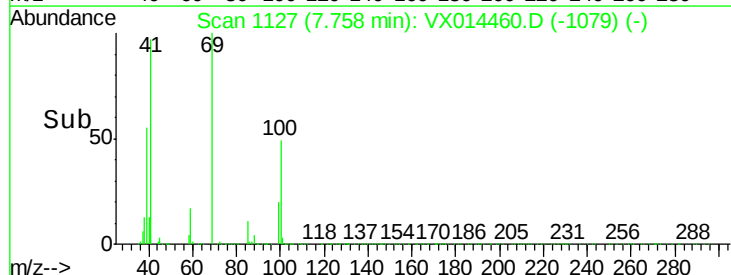
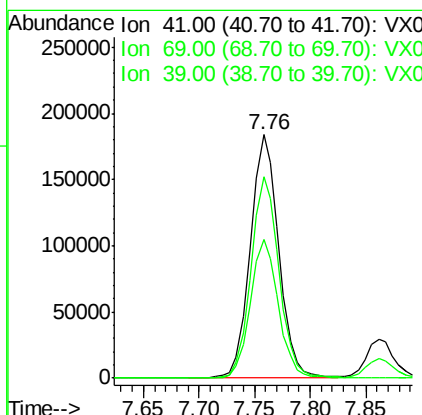
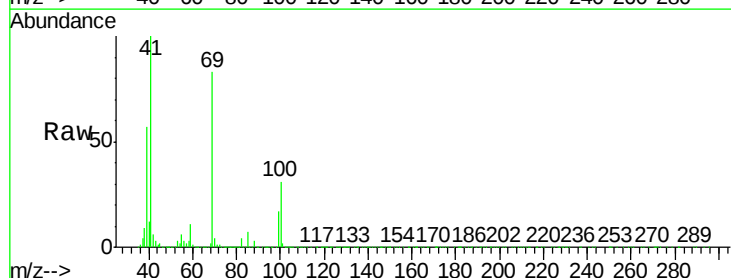
RT: 7.76 min Scan# 1127

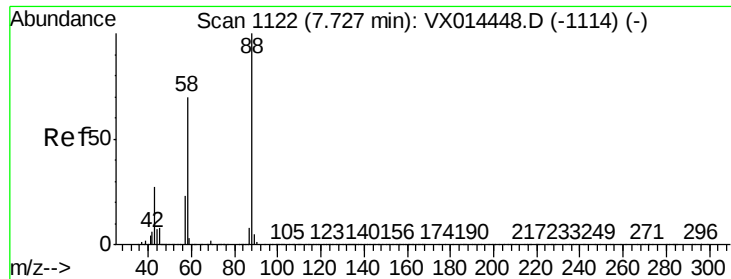
Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion:	41	Resp:	324943
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.5	98.3
39	56.1	43.9	65.9





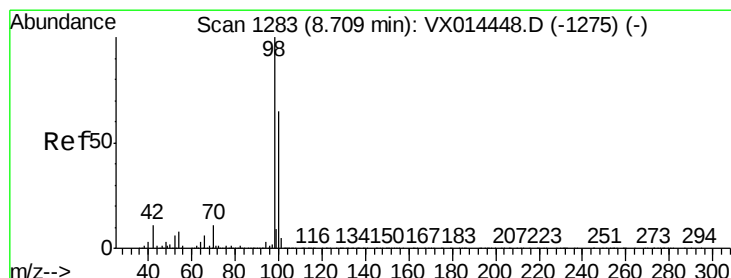
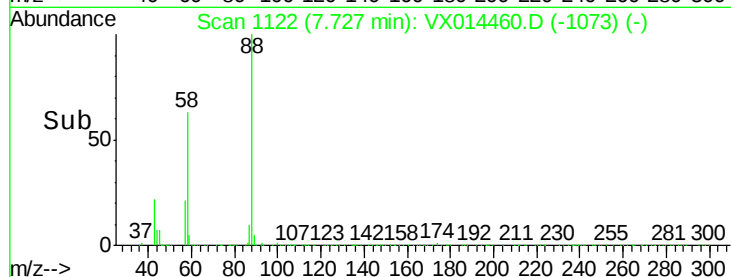
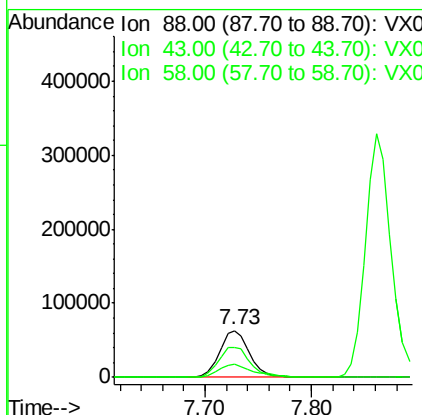
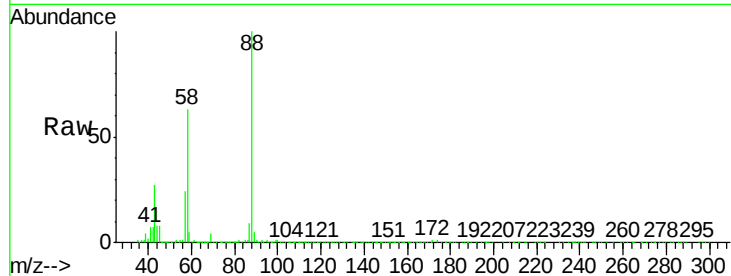
#49
1,4-Dioxane
Concen: 916.032 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
88	100		
43	33.3	27.4	41.0
58	68.5	57.1	85.7

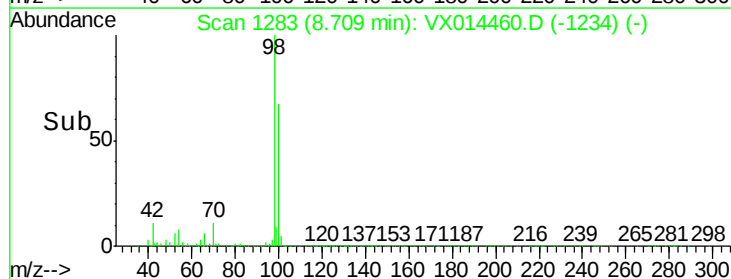
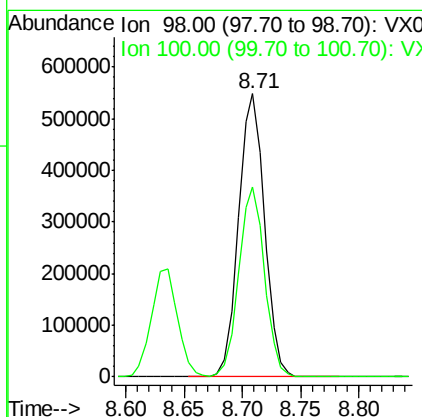
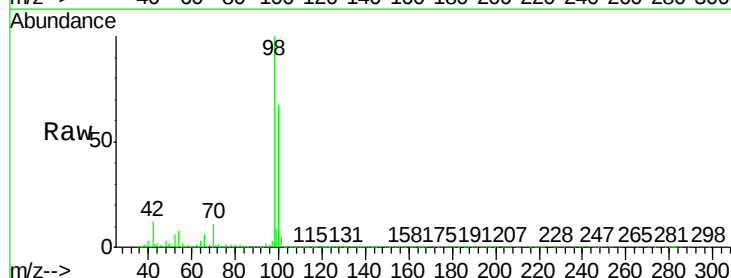
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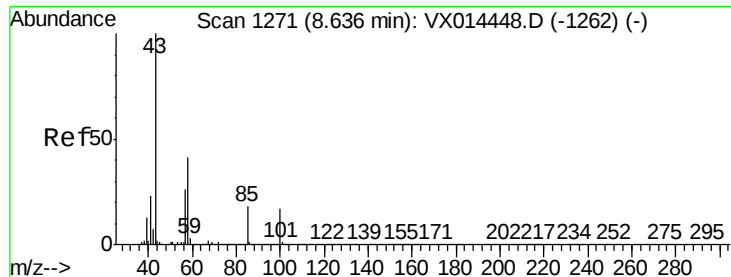
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#50
Toluene-d8
Concen: 46.283 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
98	100		
100	66.4	53.2	79.8





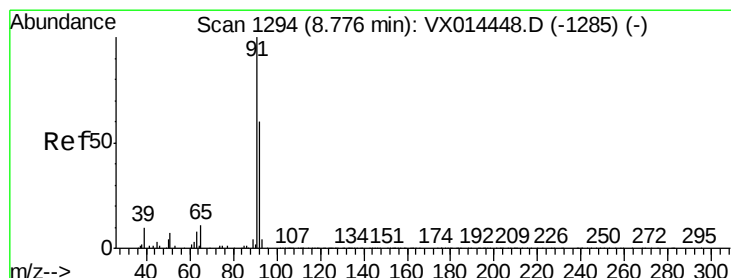
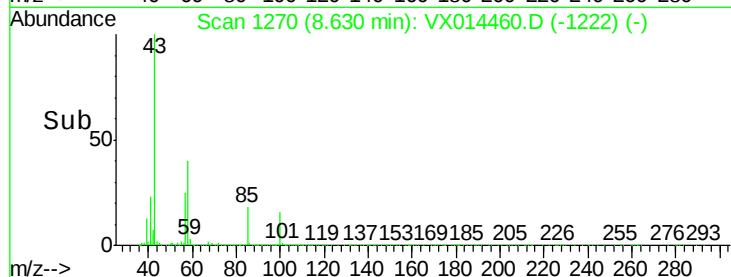
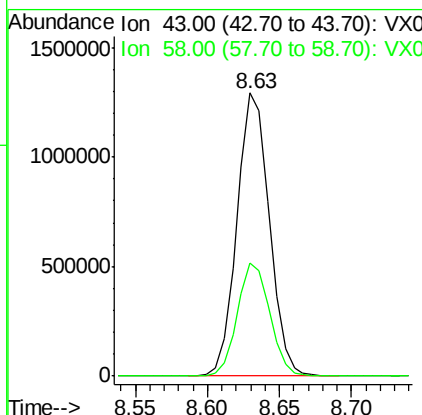
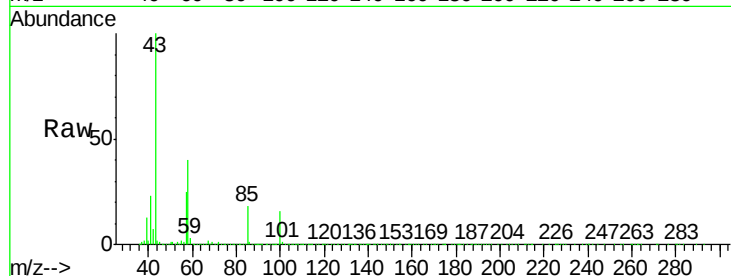
#51
4-Methyl-2-Pentanone
Concen: 255.971 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2019984
Ion Ratio Lower Upper
43 100
58 40.1 32.4 48.6

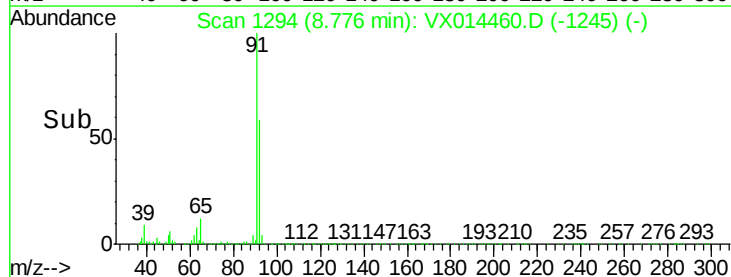
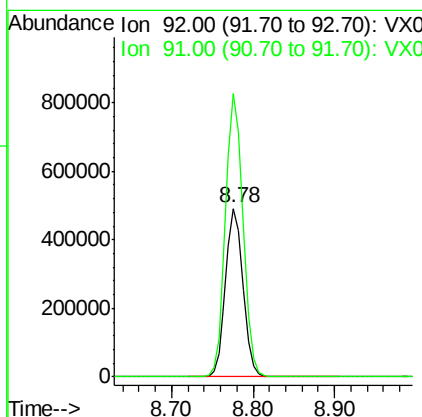
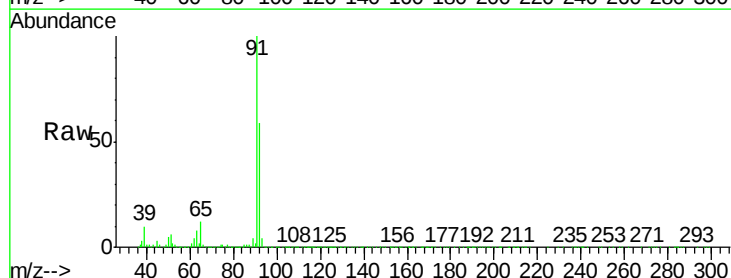
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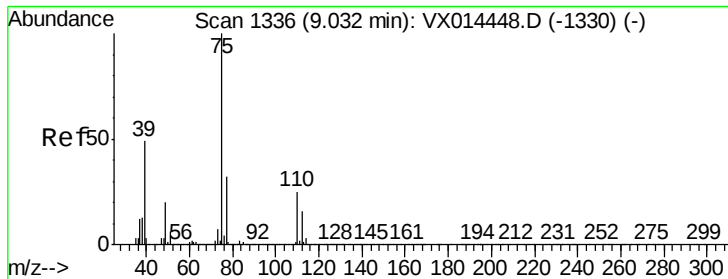
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#52
Toluene
Concen: 51.834 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion: 92 Resp: 726822
Ion Ratio Lower Upper
92 100
91 168.6 135.7 203.5





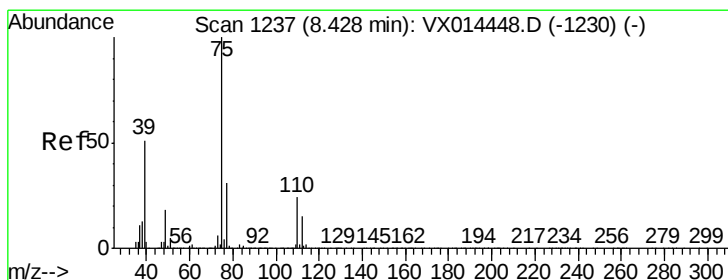
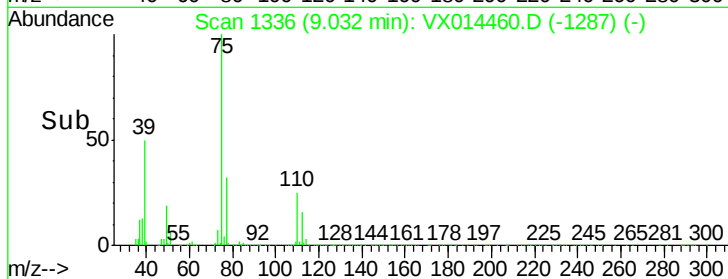
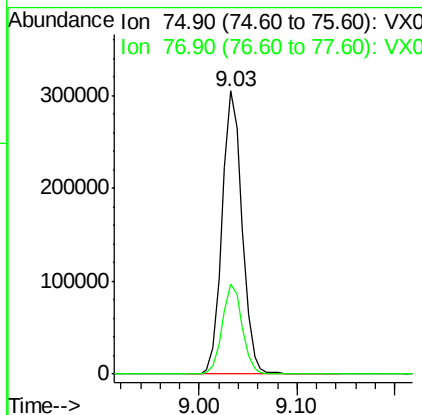
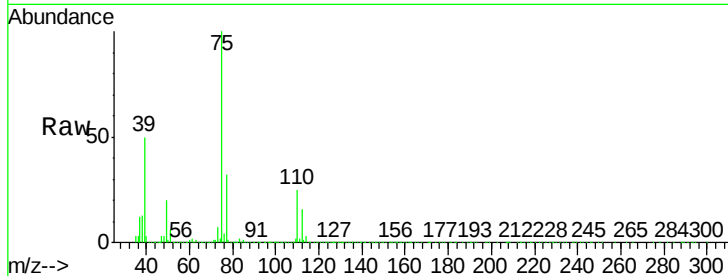
#53
t-1,3-Dichloropropene
Concen: 52.320 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 432019
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

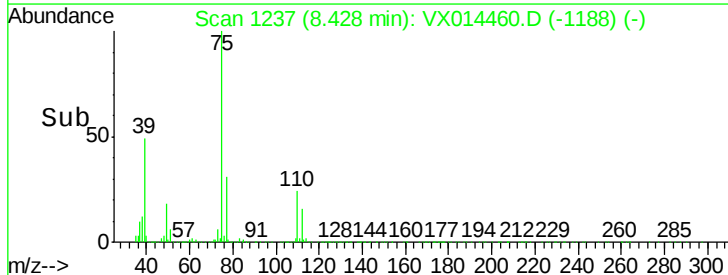
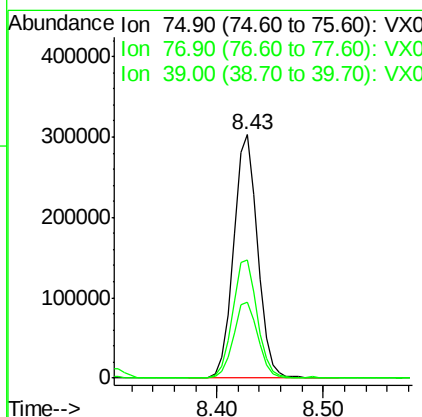
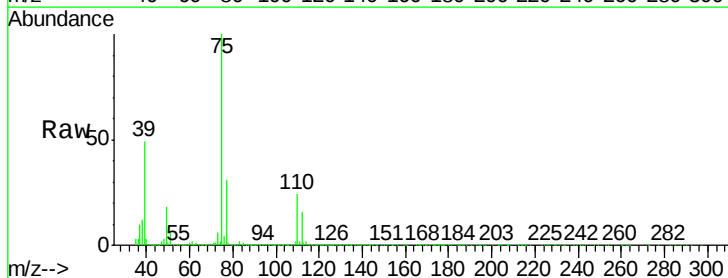
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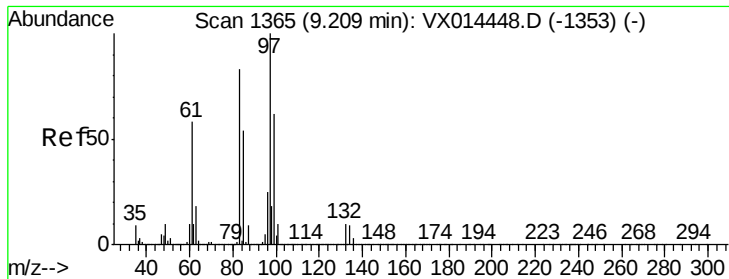
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#54
cis-1,3-Dichloropropene
Concen: 53.829 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion: 75 Resp: 480139
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 48.6 40.7 61.1





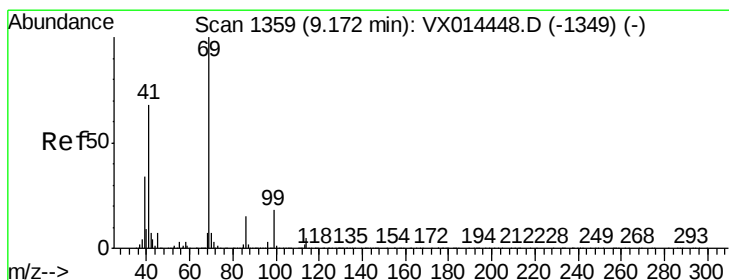
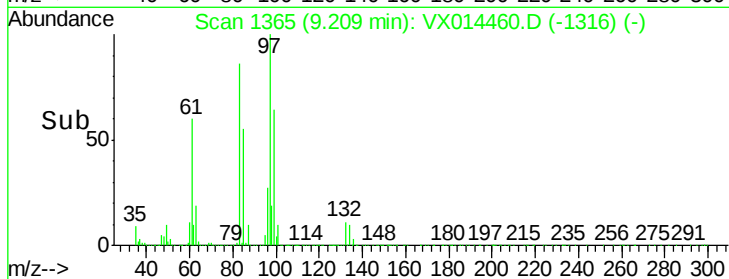
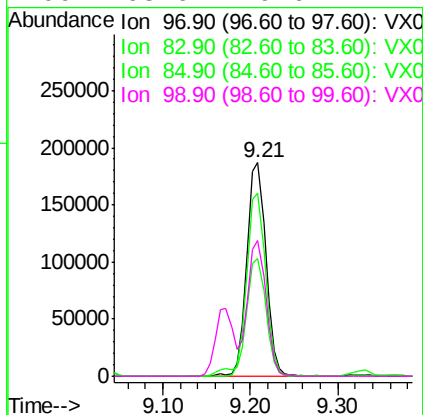
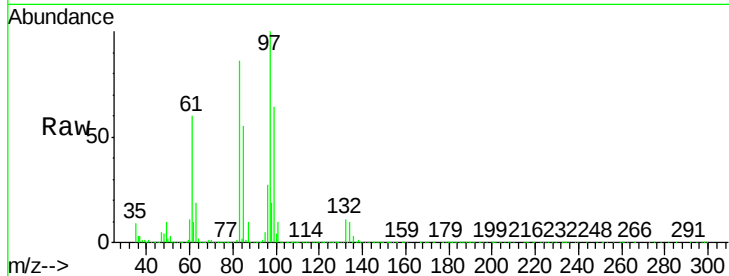
#55
 1,1,2-Trichloroethane
 Concen: 50.115 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	282253		
83	85.8	66.4	99.6	
85	55.1	43.4	65.2	
99	63.6	49.6	74.4	

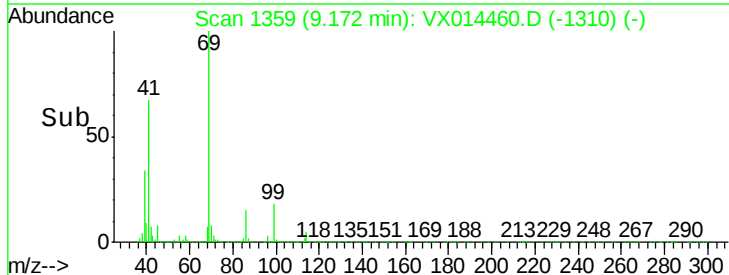
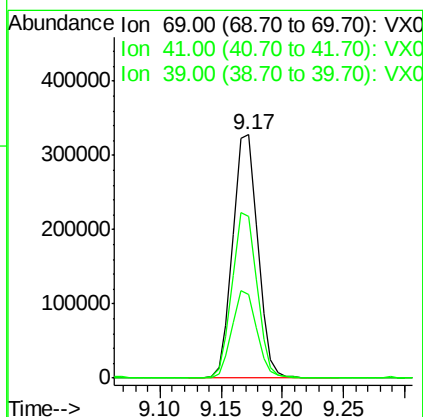
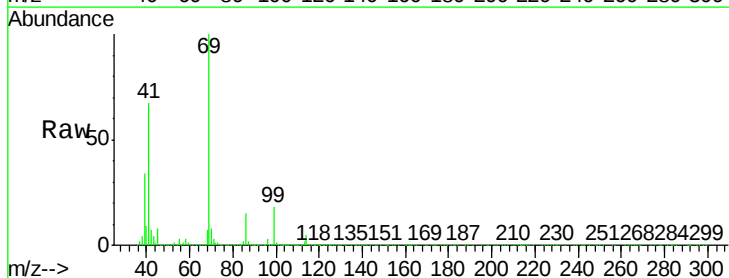
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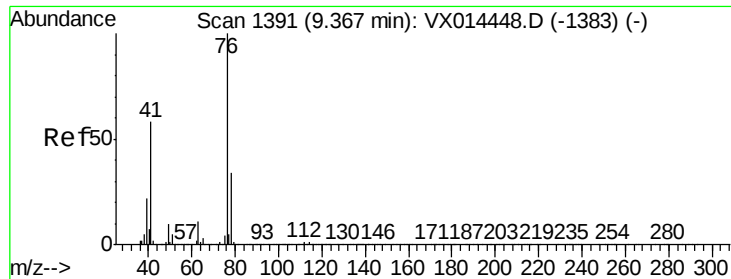
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#56
 Ethyl methacrylate
 Concen: 53.602 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	462517		
41	67.9	54.2	81.2	
39	35.5	28.2	42.2	





#57

1,3-Dichloropropane

Concen: 50.840 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 478763

Ion Ratio Lower Upper

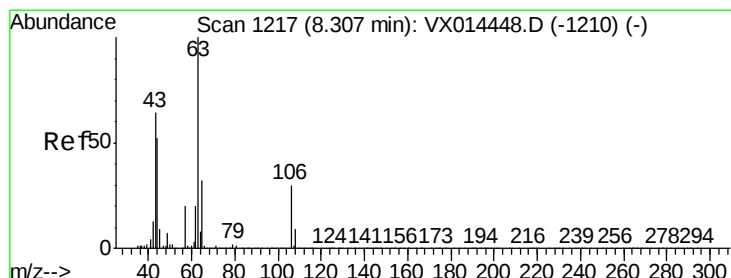
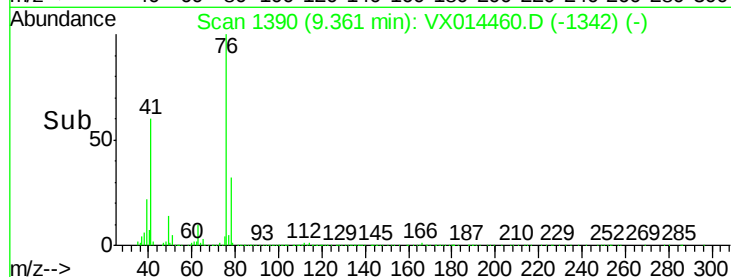
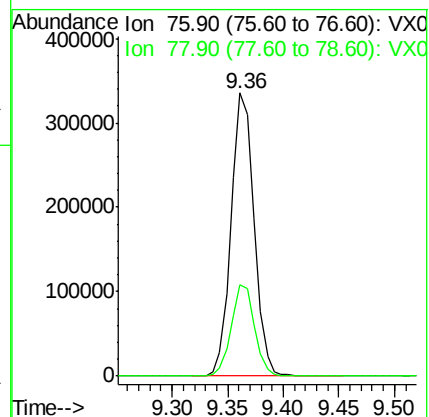
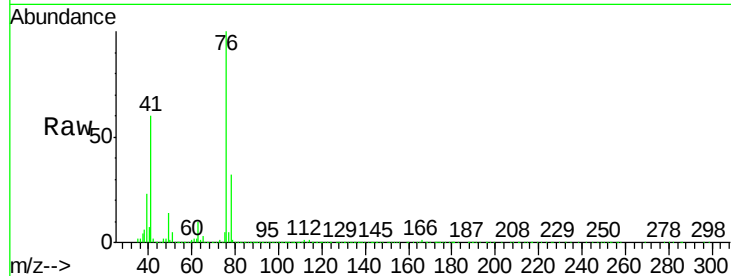
76 100

78 32.4 26.4 39.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 306.987 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014460.D

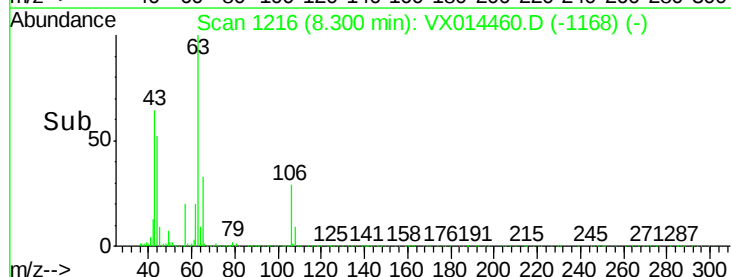
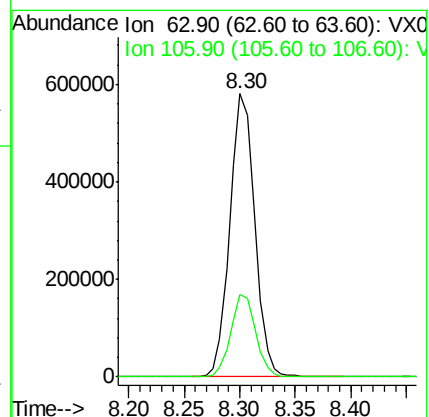
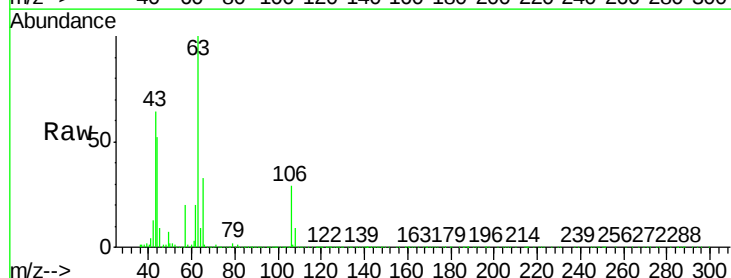
Acq: 08 Jan 2020 10:26

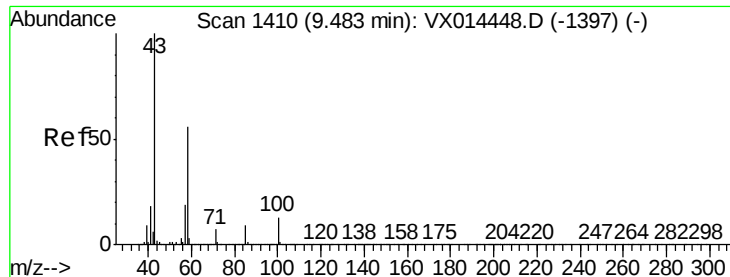
Tgt Ion: 63 Resp: 901243

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





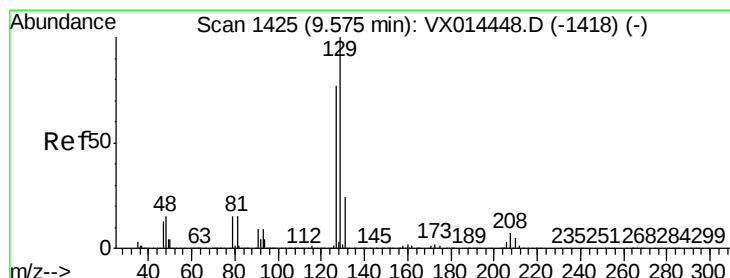
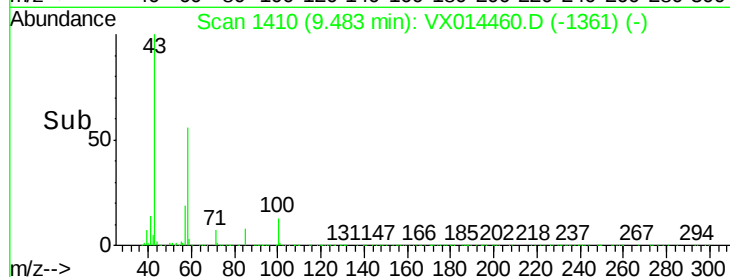
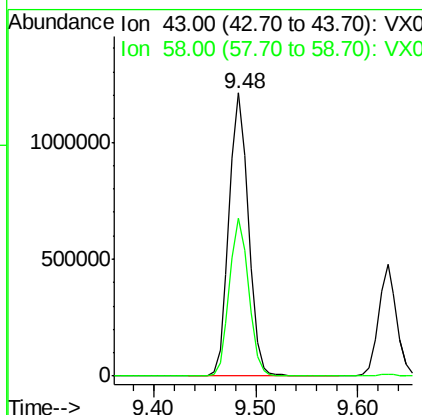
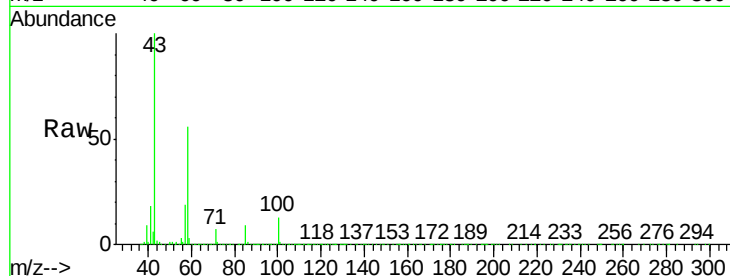
#59
2-Hexanone
Concen: 253.288 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 1581545
Ion Ratio Lower Upper
43 100
58 55.8 27.9 83.7

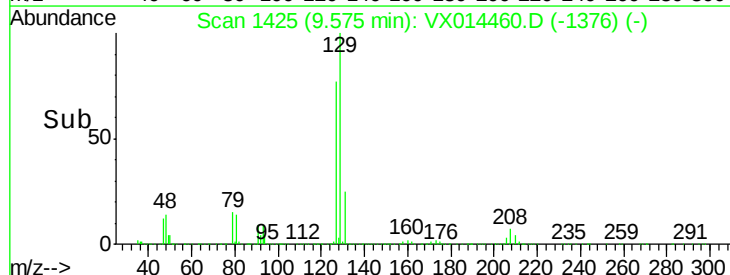
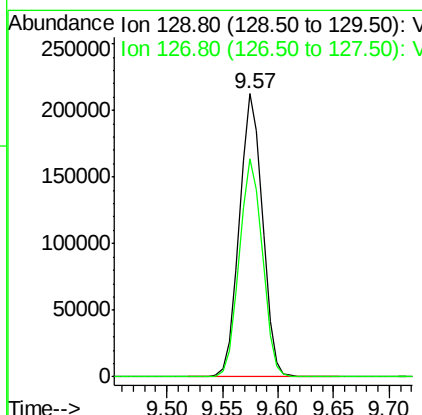
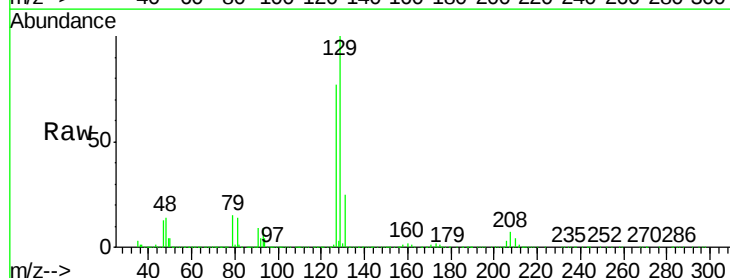
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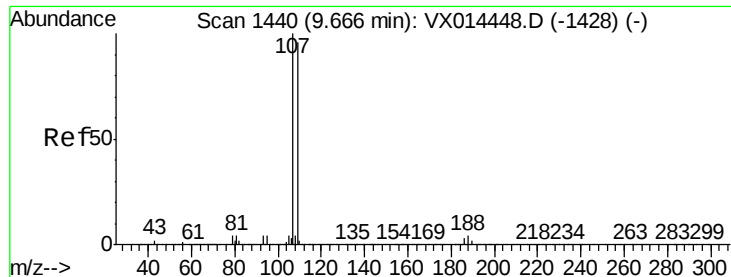
apatel
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#60
Dibromochloromethane
Concen: 54.240 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion: 129 Resp: 307052
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.044 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 298565

Ion Ratio Lower Upper

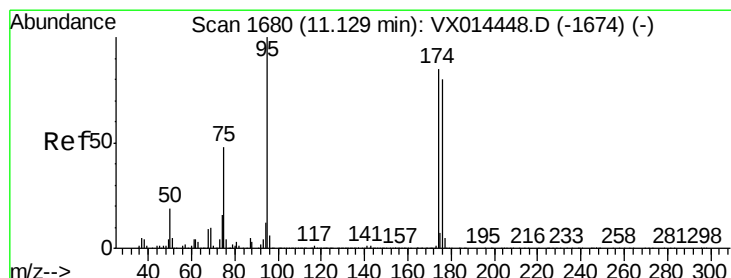
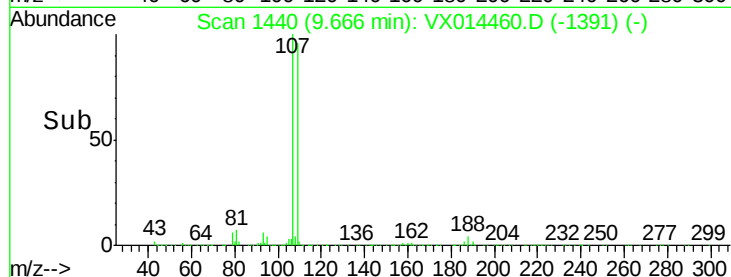
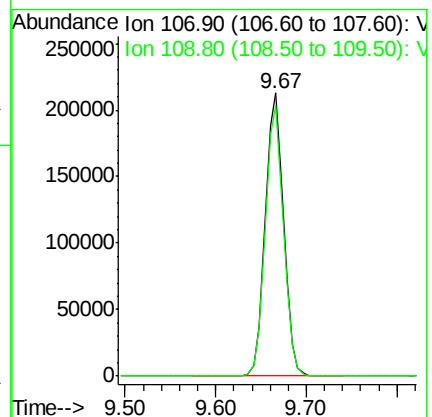
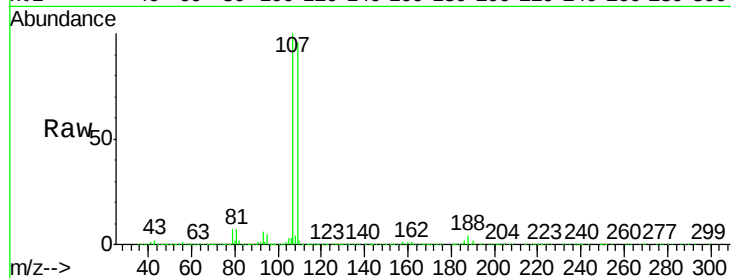
107 100

109 94.8 76.5 114.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 45.675 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

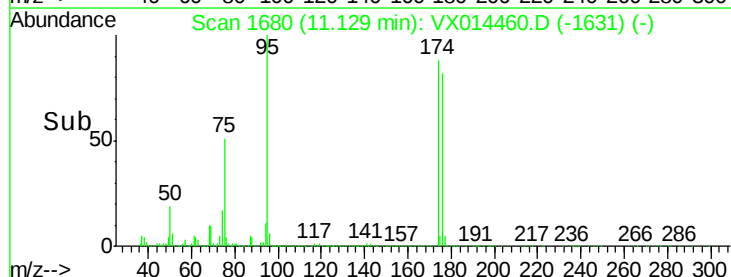
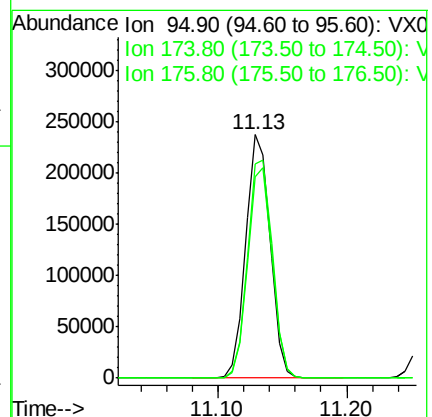
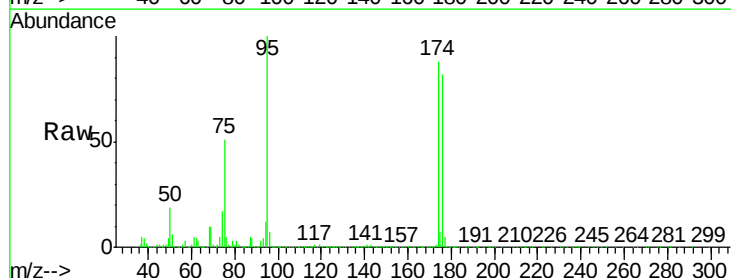
Tgt Ion: 95 Resp: 309133

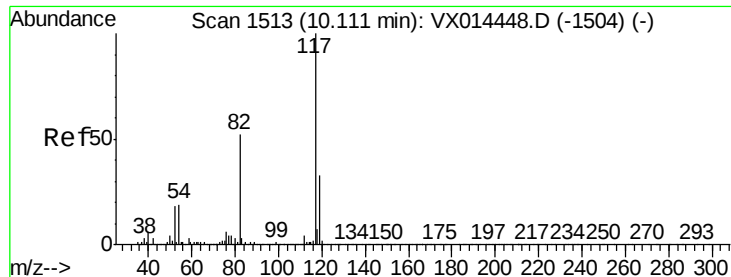
Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.8

176 86.6 0.0 172.8





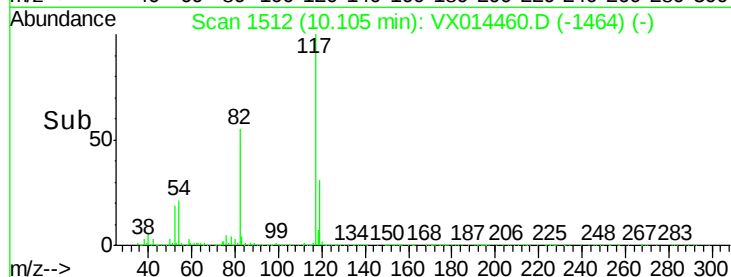
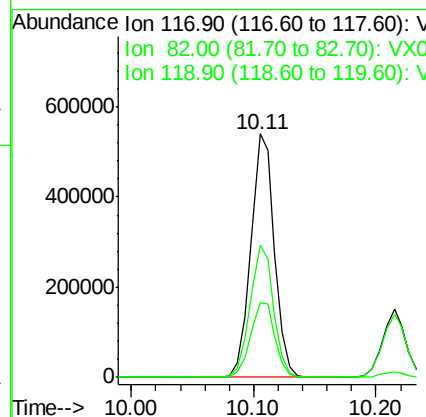
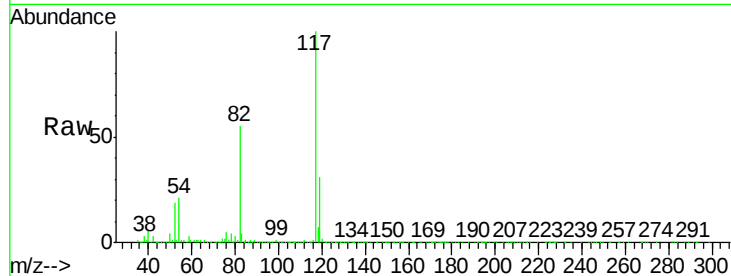
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	720491		
82	54.4	41.8	62.6	
119	30.8	26.2	39.4	

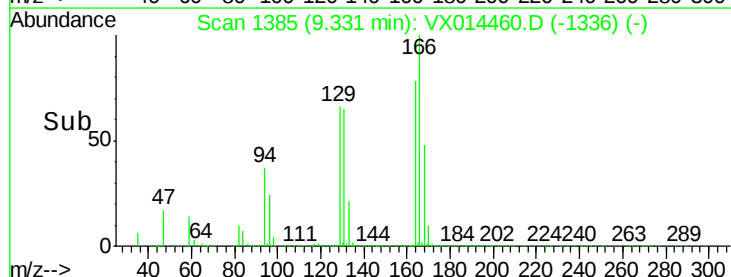
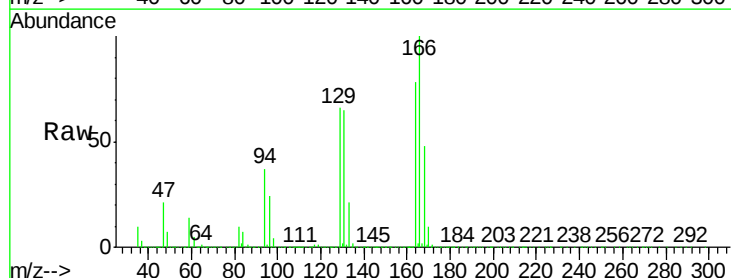
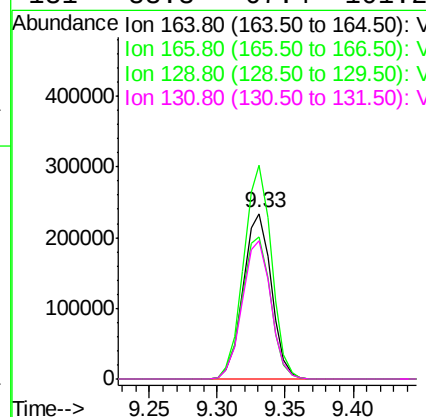
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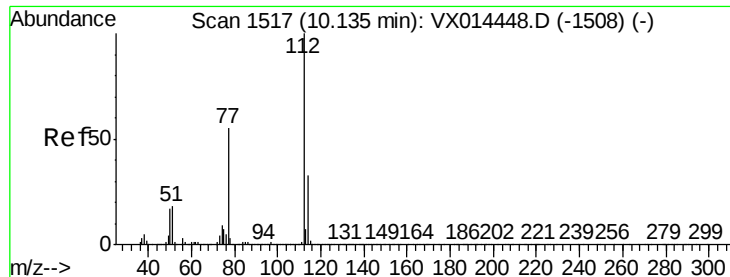
apatel
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#64
Tetrachloroethene
Concen: 47.015 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	339495		
166	128.9	101.2	151.8	
129	85.5	68.3	102.5	
131	83.3	67.4	101.2	





#65

Chlorobenzene

Concen: 49.410 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 772564

Ion Ratio Lower Upper

112 100

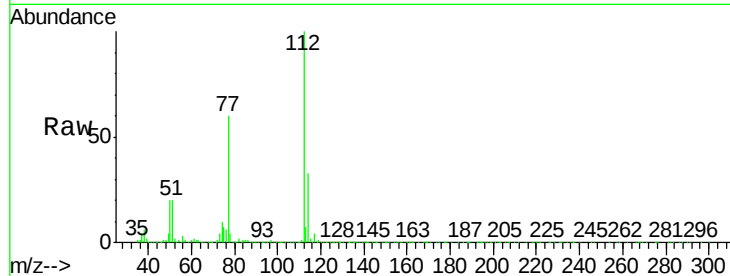
114 33.3 26.2 39.4

Manual Integrations

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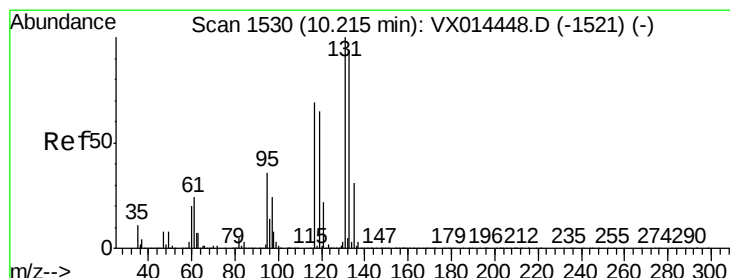
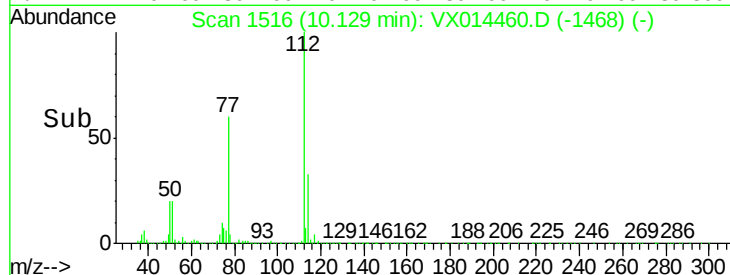
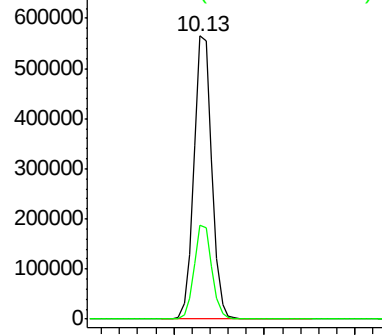
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.796 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

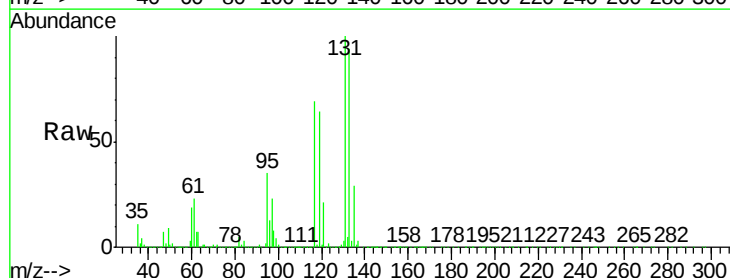
Tgt Ion:131 Resp: 283441

Ion Ratio Lower Upper

131 100

133 95.7 47.3 142.0

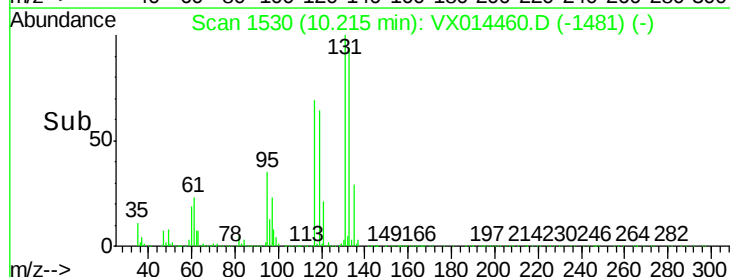
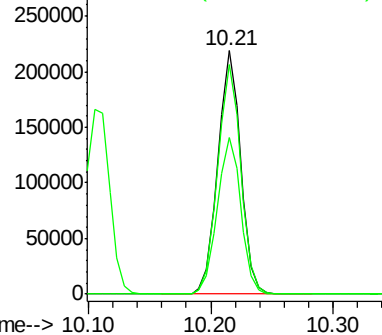
119 66.4 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.202 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1391199

Ion Ratio Lower Upper

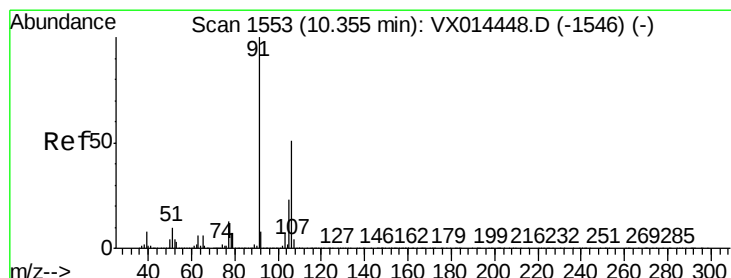
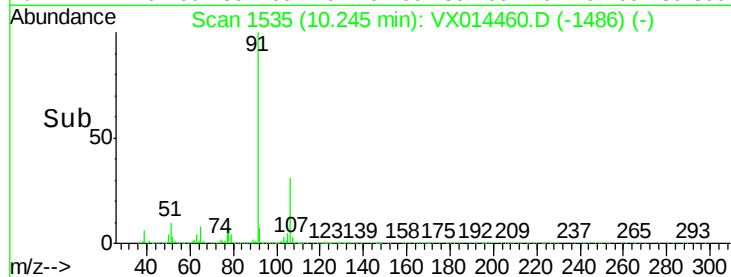
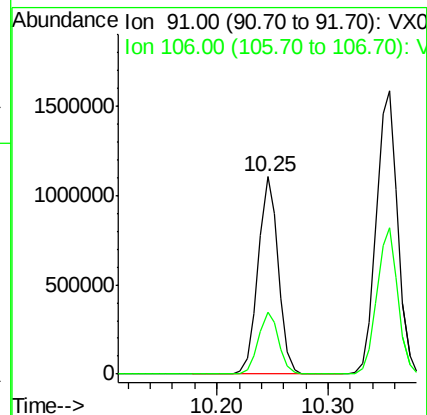
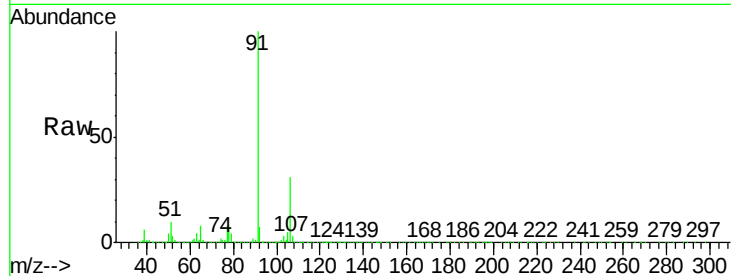
91 100

106 31.3 25.6 38.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 104.034 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014460.D

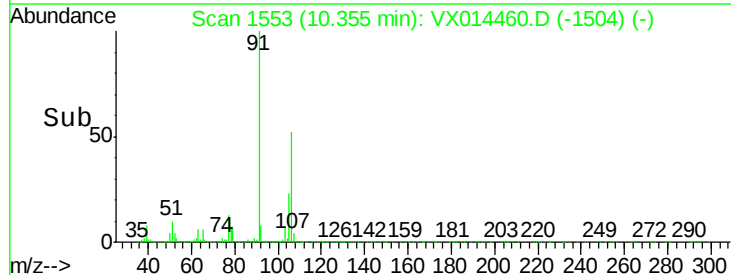
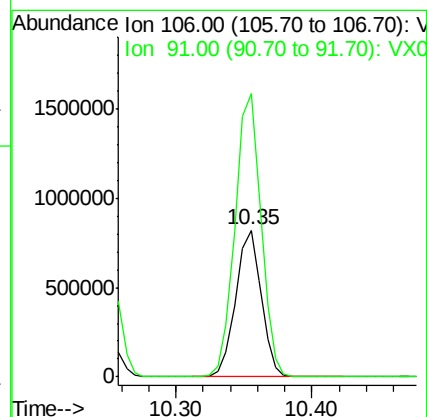
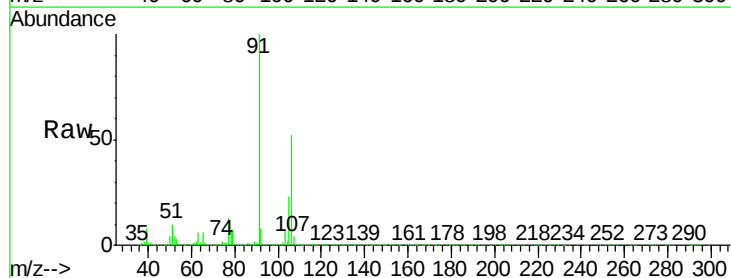
Acq: 08 Jan 2020 10:26

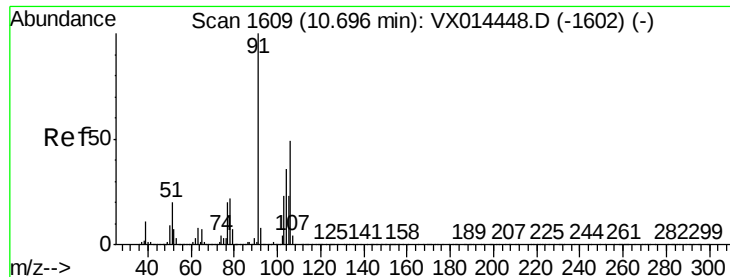
Tgt Ion: 106 Resp: 1069631

Ion Ratio Lower Upper

106 100

91 197.7 157.4 236.0





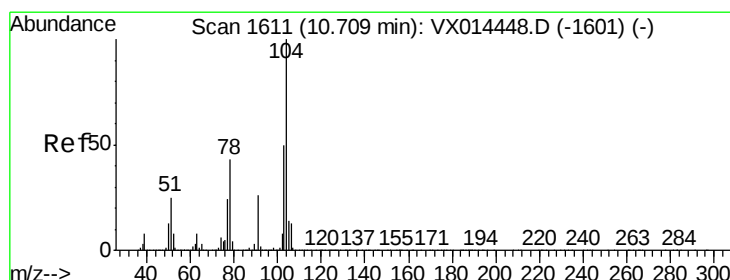
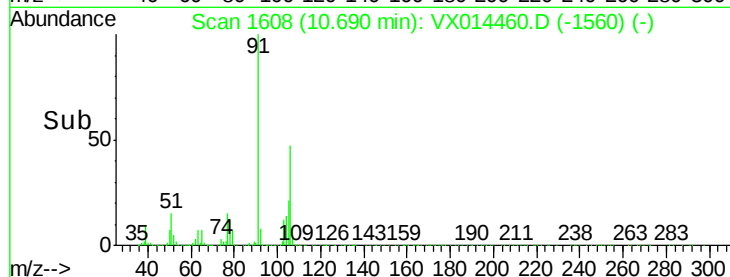
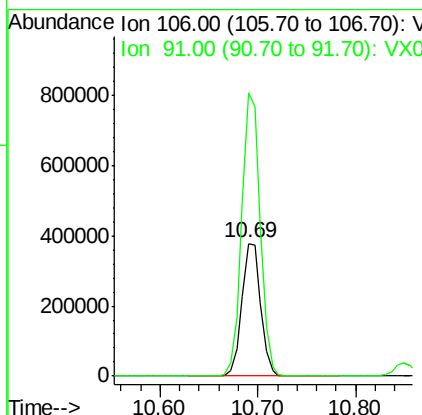
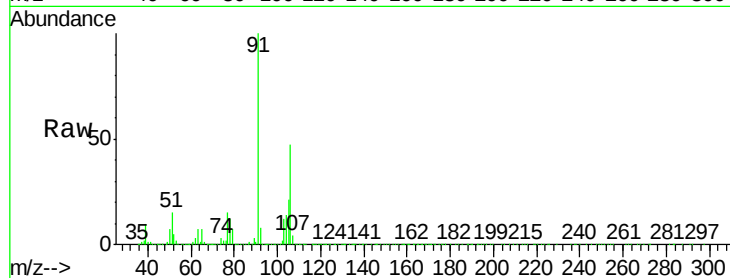
#69
o-Xylene
Concen: 51.275 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	503000		
91	209.9	105.1	315.1	

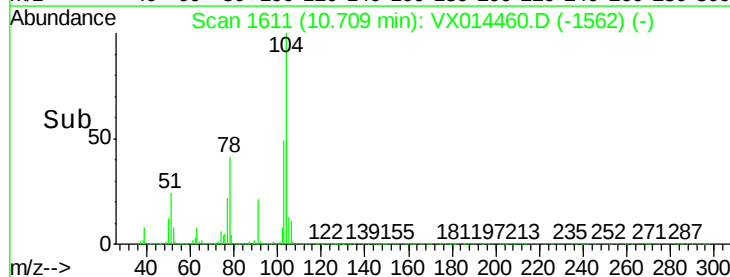
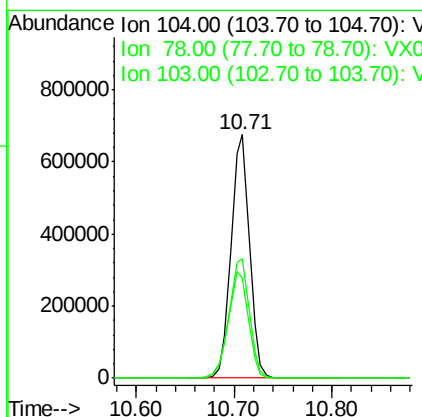
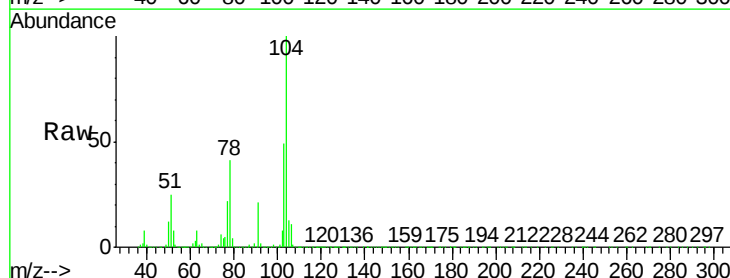
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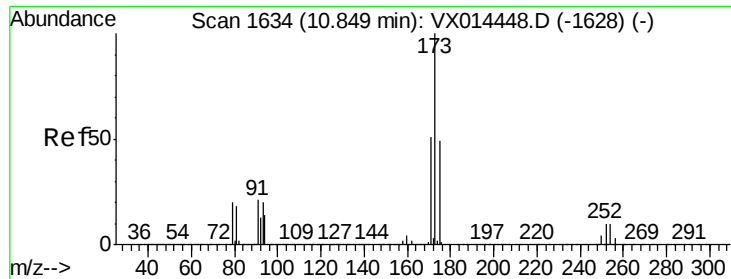
apatel
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#70
Styrene
Concen: 52.100 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	882026		
78	48.3	38.6	58.0	
103	54.4	43.7	65.5	





#71

Bromoform

Concen: 51.798 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 236478

Ion Ratio Lower Upper

173 100

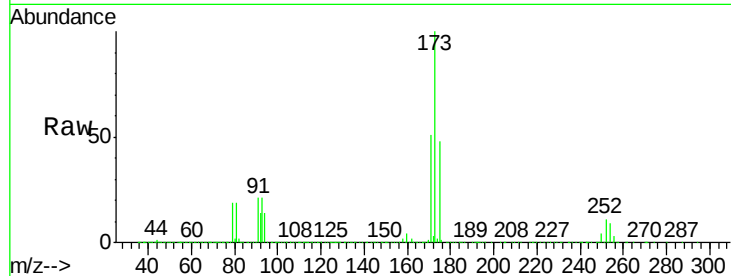
175 48.9 24.3 72.8

254 0.2 0.2 0.2

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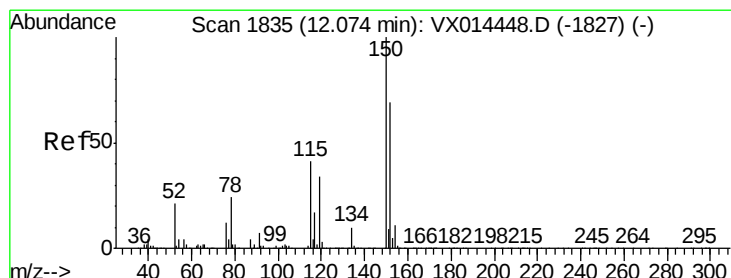
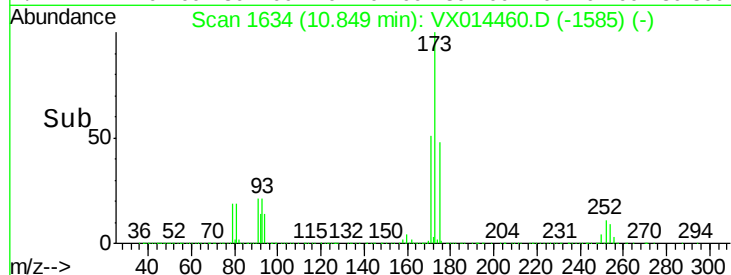
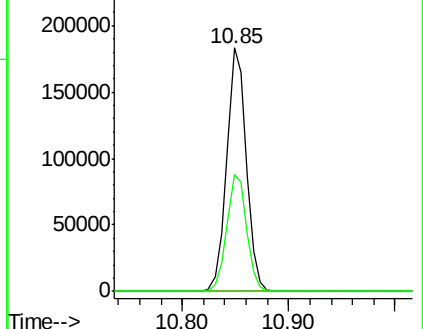
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

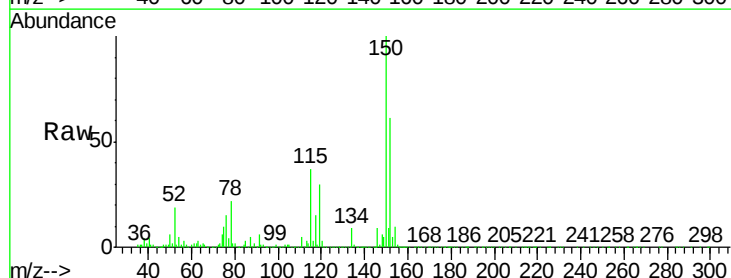
Tgt Ion:152 Resp: 375610

Ion Ratio Lower Upper

152 100

115 80.5 39.5 118.3

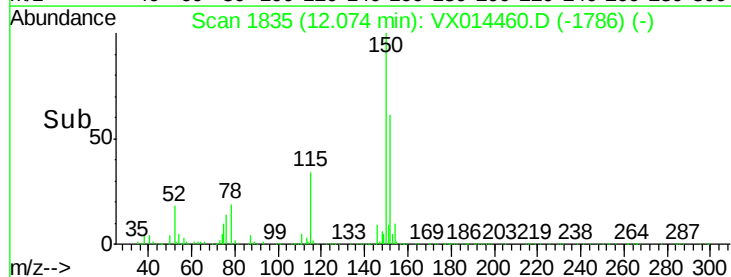
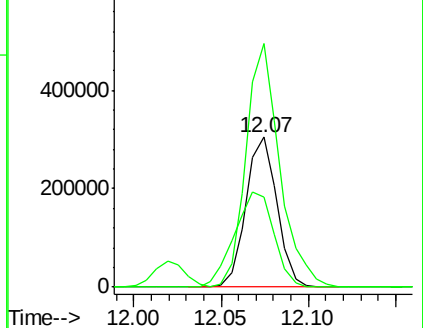
150 176.0 0.0 350.2

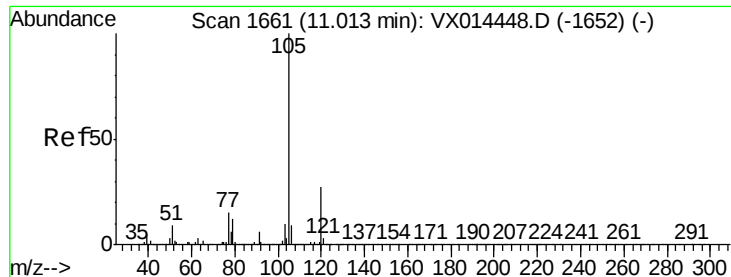


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.233 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1351324

Ion Ratio Lower Upper

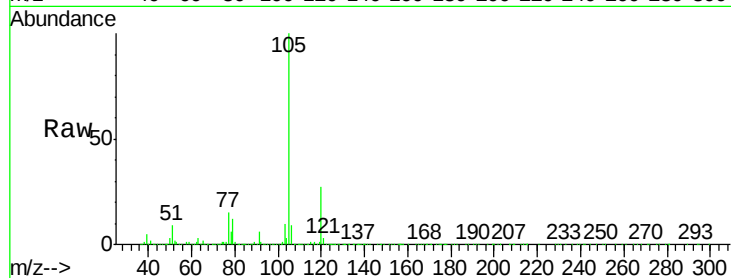
105 100

120 27.3 13.4 40.2

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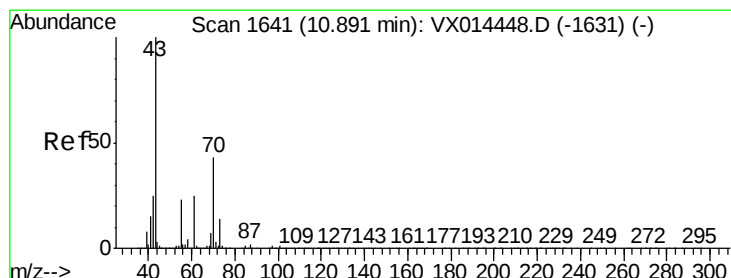
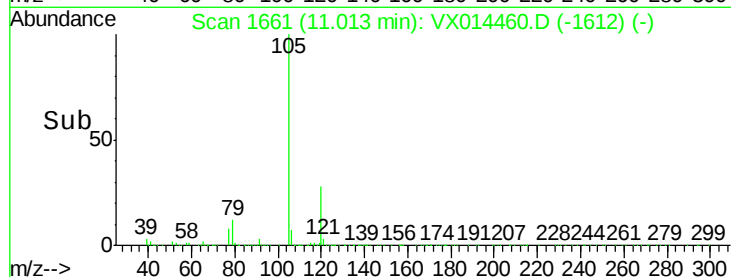
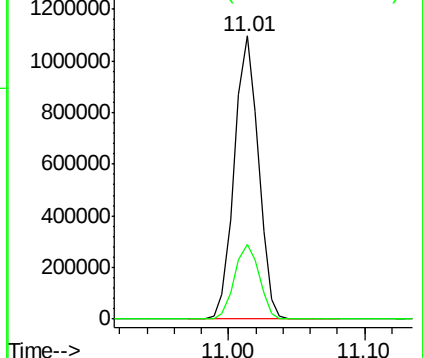
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.622 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion: 43 Resp: 589071

Ion Ratio Lower Upper

43 100

70 43.9 35.1 52.7

55 24.2 19.3 28.9

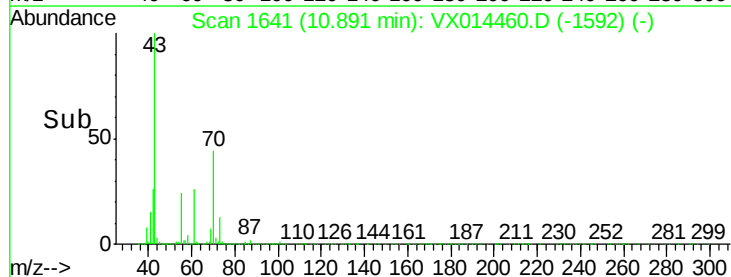
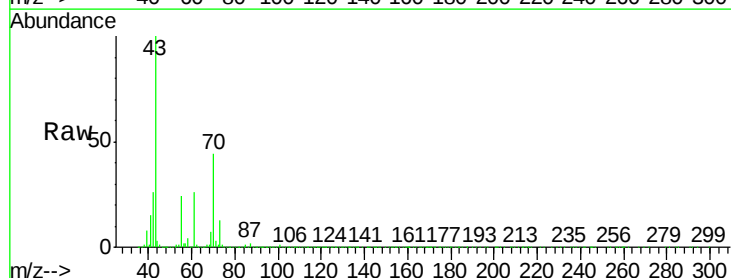
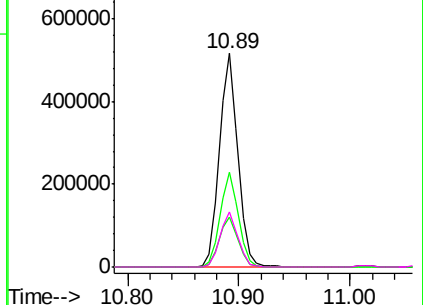
61 25.0 20.0 30.0

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: 49.314 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 417129

Ion Ratio Lower Upper

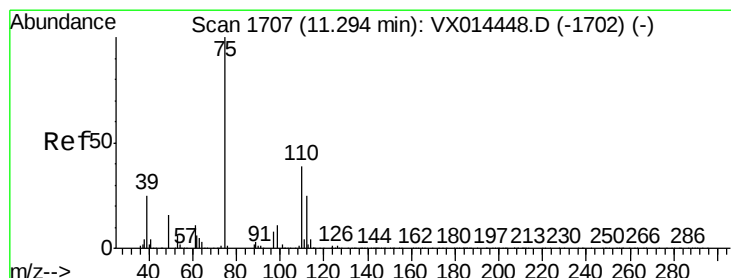
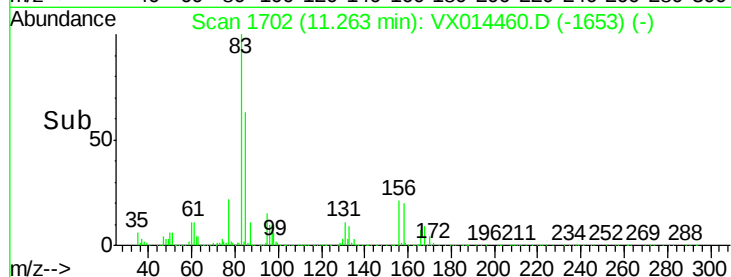
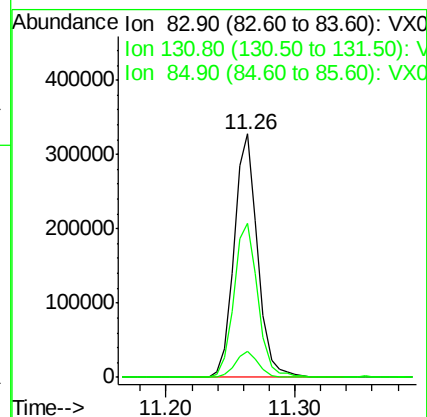
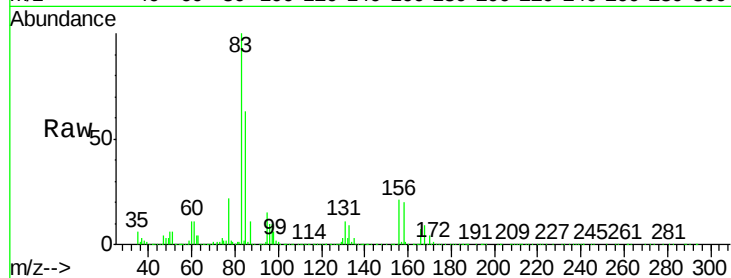
83 100

131 10.5 5.1 15.4

85 64.9 32.5 97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.065 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014460.D

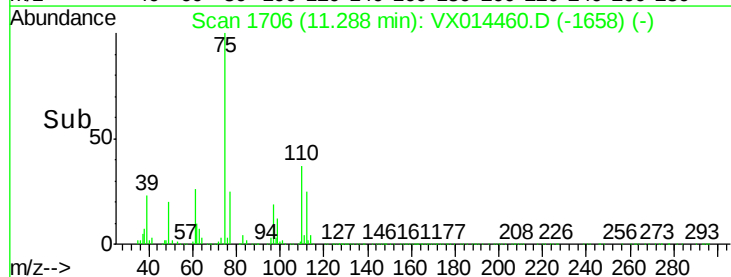
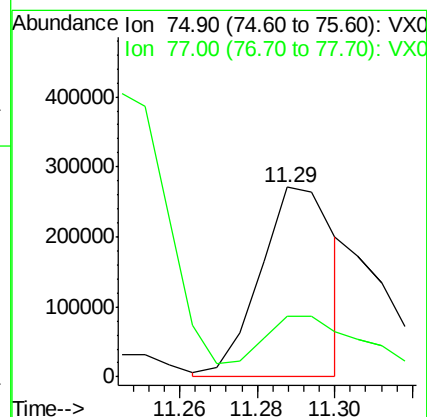
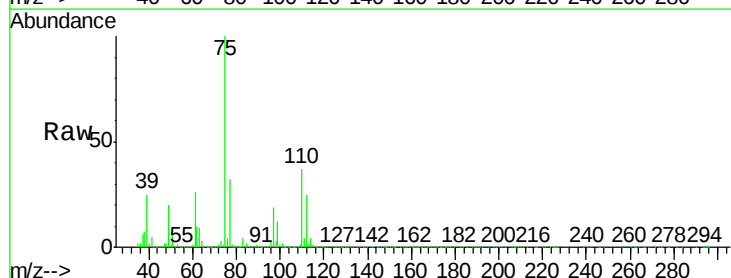
Acq: 08 Jan 2020 10:26

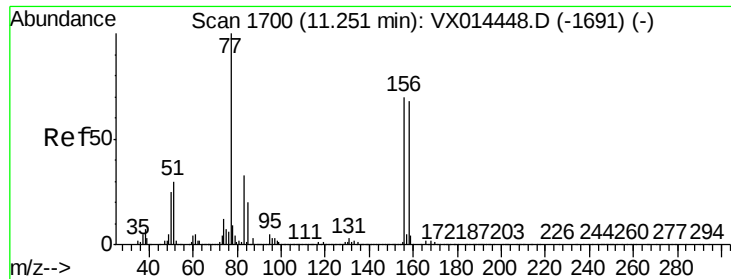
Tgt Ion: 75 Resp: 357995

Ion Ratio Lower Upper

75 100

77 45.3 21.9 65.7





#77

Bromobenzene

Concen: 48.335 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

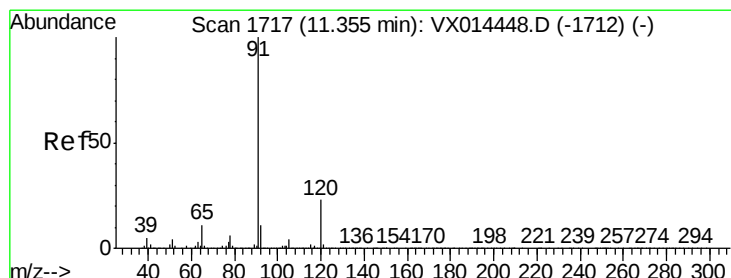
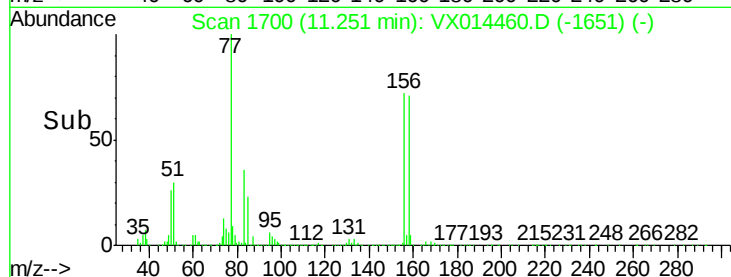
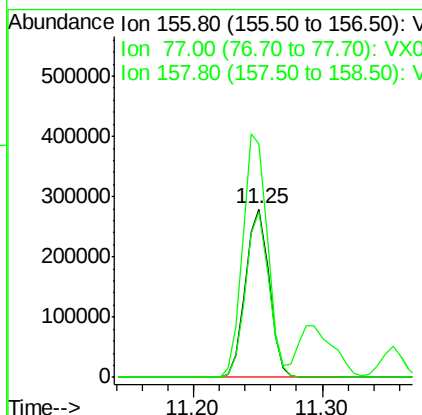
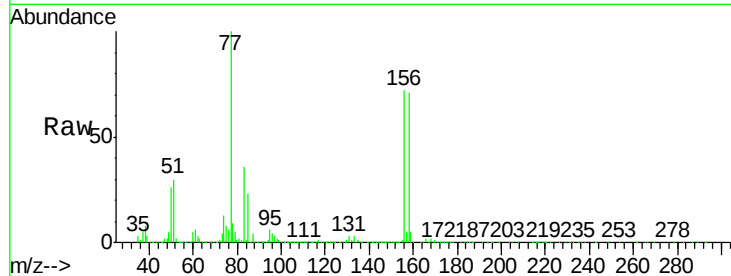
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	353554
Ion Ratio	Lower	Upper	
156	100		
77	149.5	75.4	226.3
158	97.2	48.8	146.3

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#78

n-propylbenzene

Concen: 52.493 ug/l

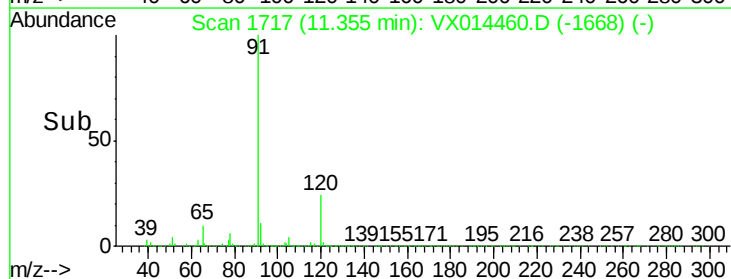
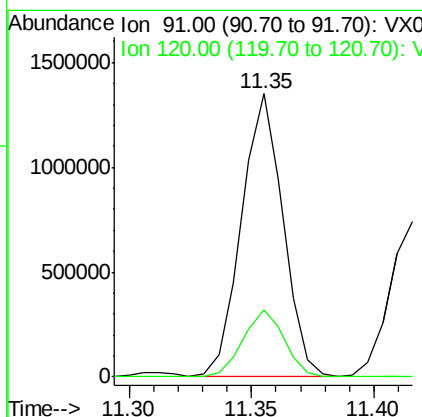
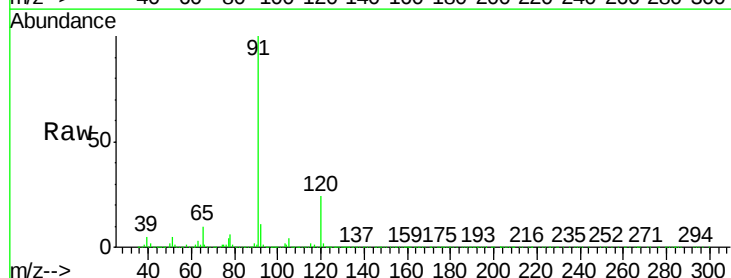
RT: 11.35 min Scan# 1717

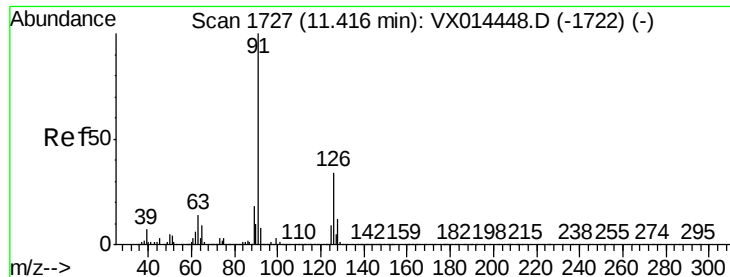
Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion:	91	Resp:	1585652
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.9	35.5





#79

2-Chlorotoluene

Concen: 49.989 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 91 Resp: 899957

Ion Ratio Lower Upper

91 100

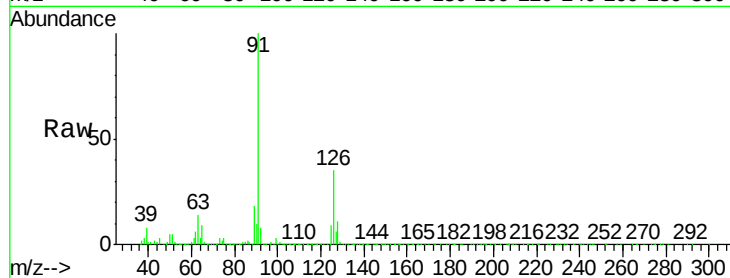
126 35.5 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX014448.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014448.D (-1722) (-)

1500000

1000000

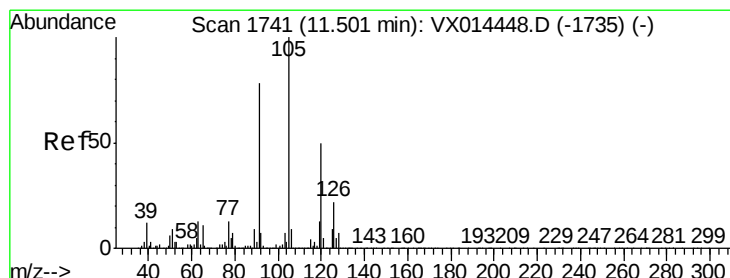
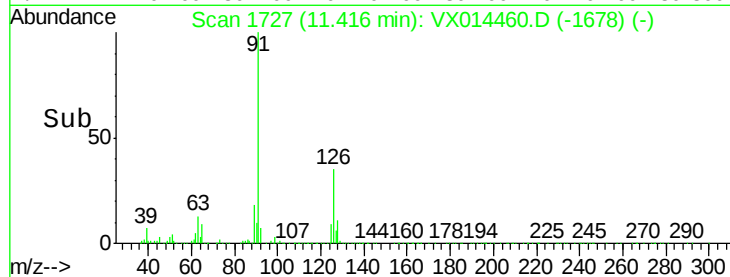
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.276 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014460.D

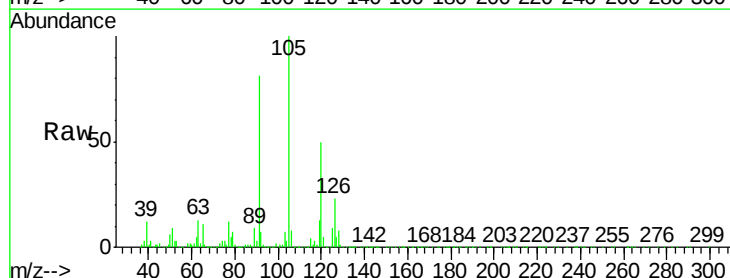
Acq: 08 Jan 2020 10:26

Tgt Ion: 105 Resp: 1144749

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX014448.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014448.D (-1735) (-)

1000000

800000

600000

400000

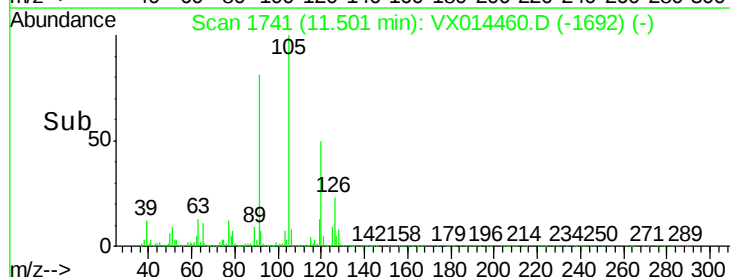
200000

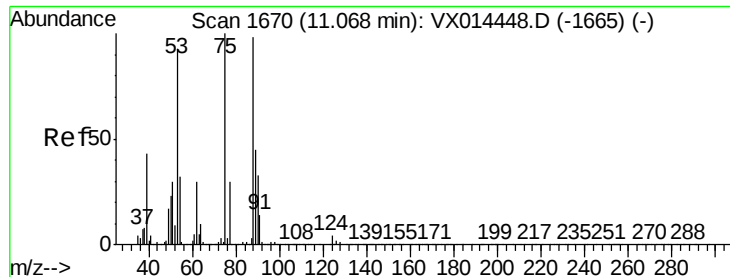
0

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.640 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Instrument :

MSVOA_X

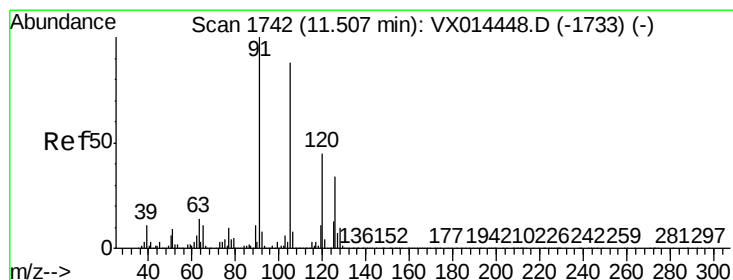
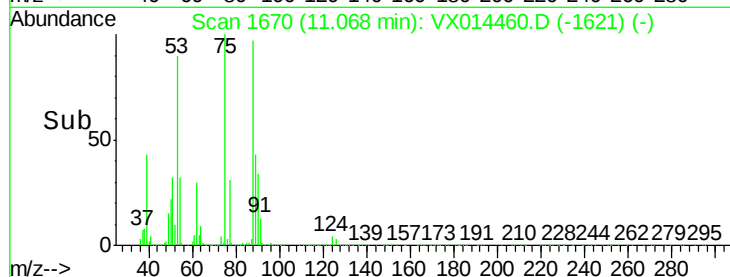
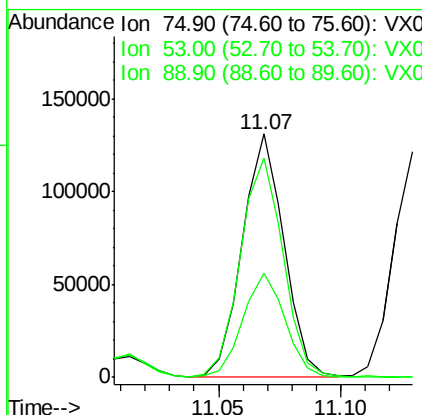
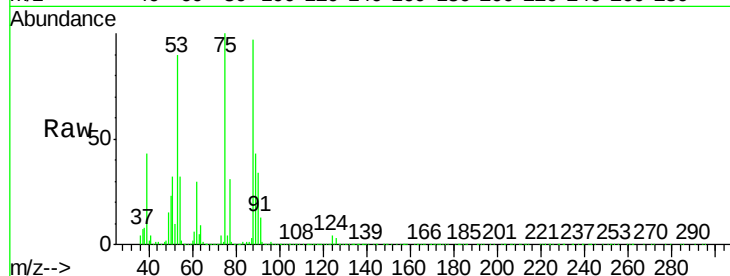
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	154734
Ion Ratio	Lower	Upper	
75	100		
53	92.5	74.8	112.2
89	43.9	36.3	54.5

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#82

4-Chlorotoluene

Concen: 50.816 ug/l

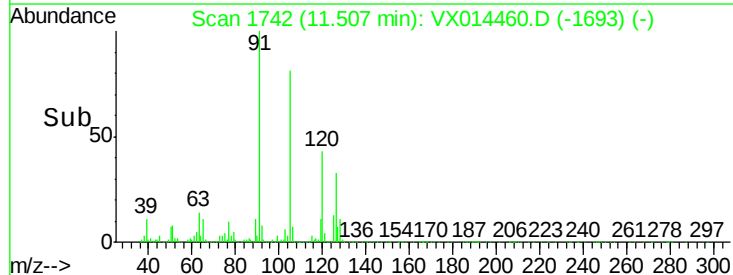
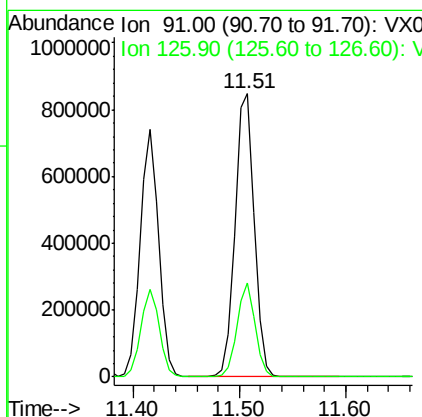
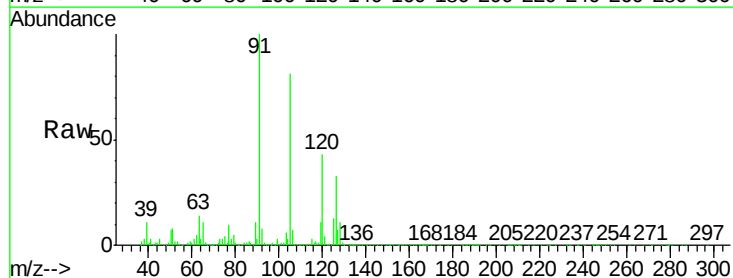
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014460.D

Acq: 08 Jan 2020 10:26

Tgt Ion:	91	Resp:	1073858
Ion Ratio	Lower	Upper	
91	100		
126	31.1	15.9	47.7





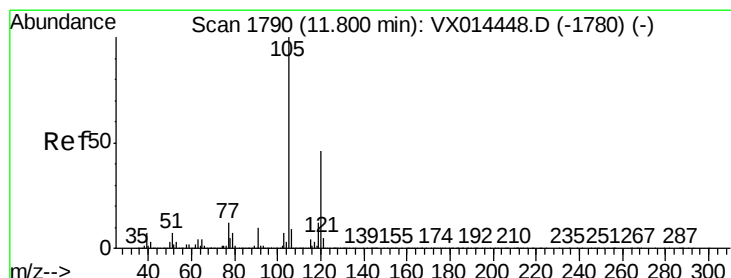
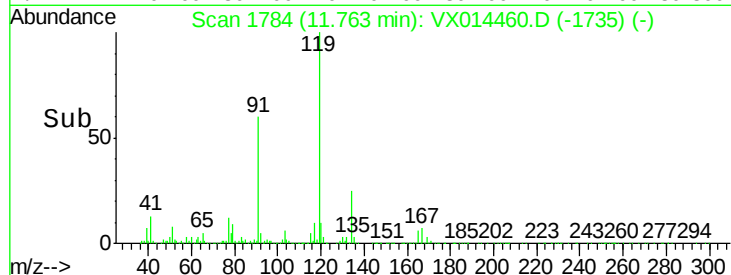
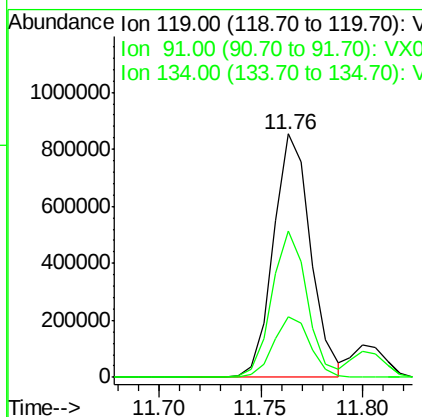
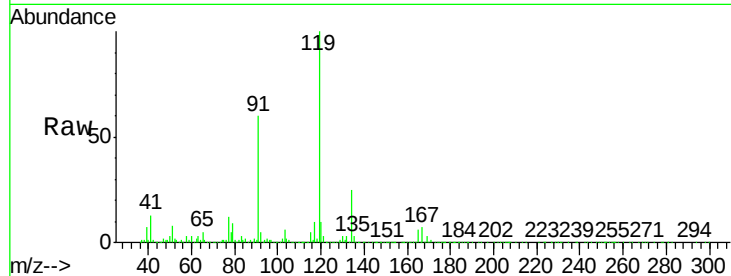
#83
tert-Butylbenzene
Concen: 52.348 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.3	29.3	88.0
134	24.4	12.4	37.4

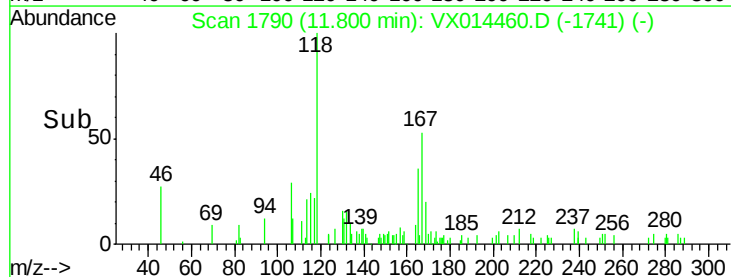
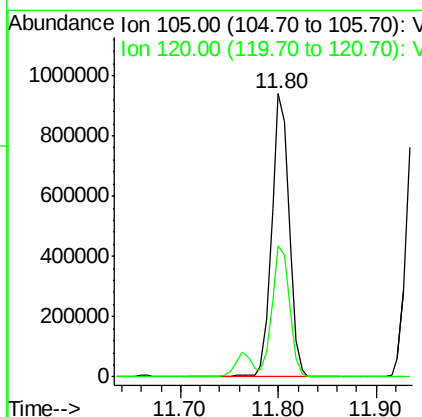
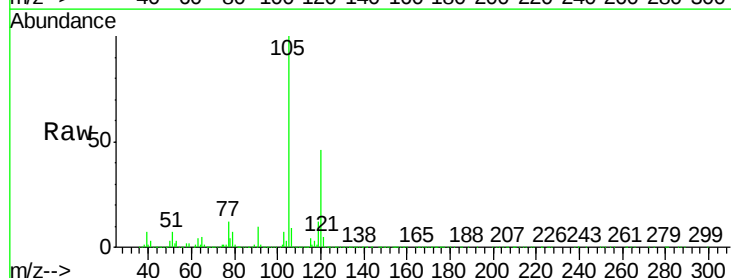
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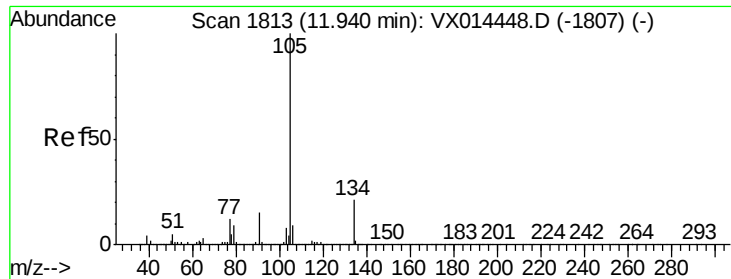
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#84
1,2,4-Trimethylbenzene
Concen: 52.099 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





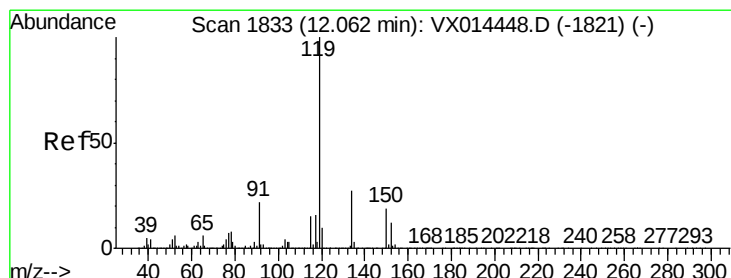
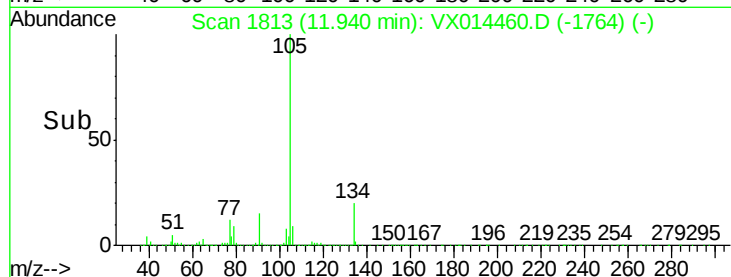
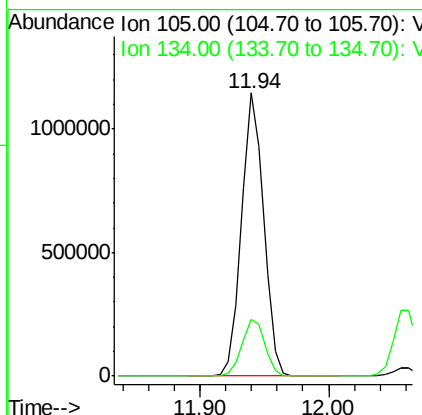
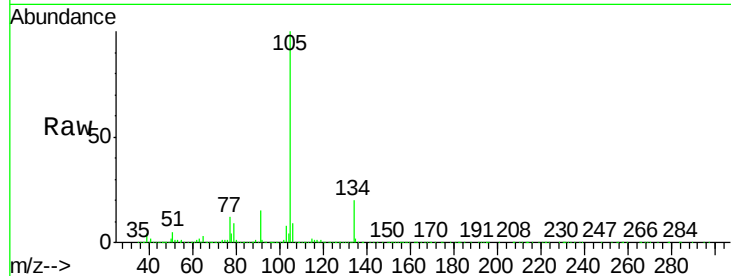
#85
 sec-Butylbenzene
 Concen: 52.928 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1361400
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5

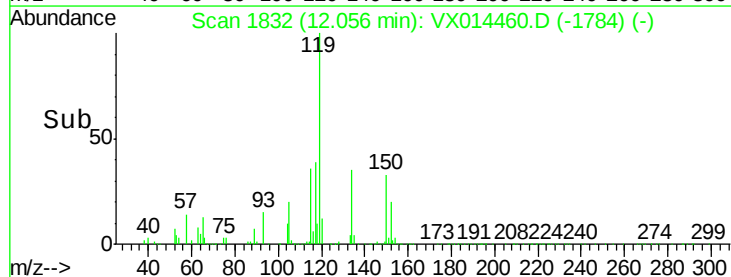
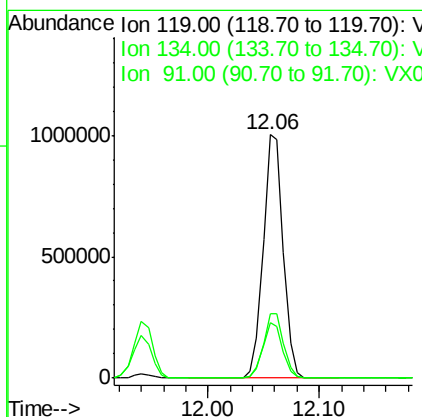
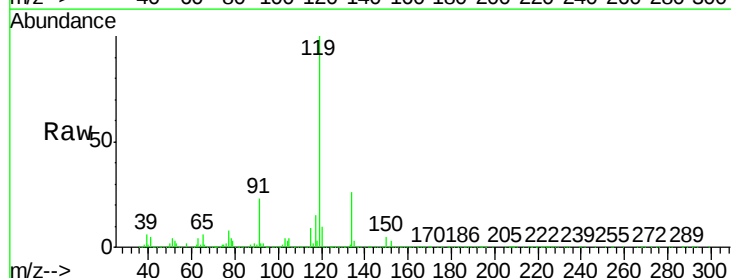
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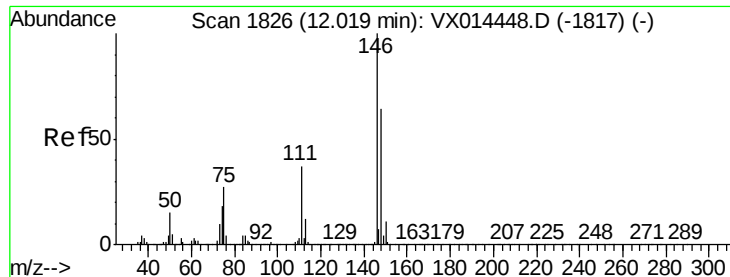
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#86
 p-Isopropyltoluene
 Concen: 52.980 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Tgt Ion:119 Resp: 1264552
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 22.3 11.1 33.3





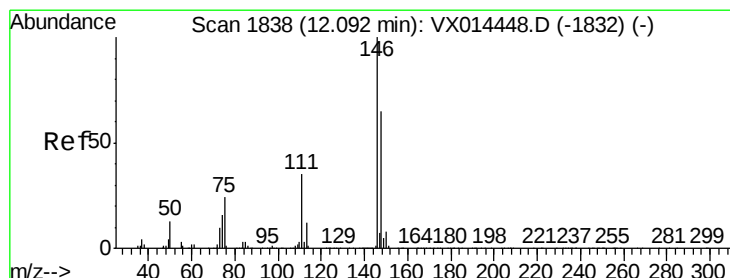
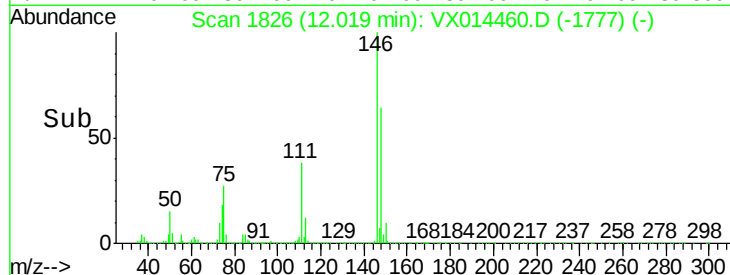
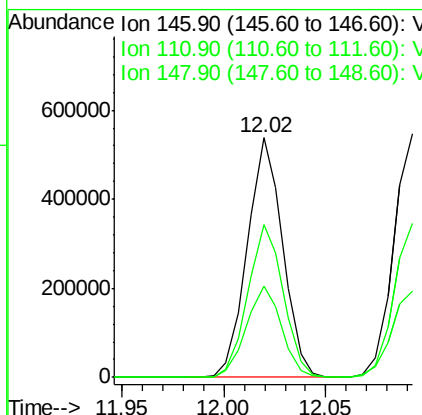
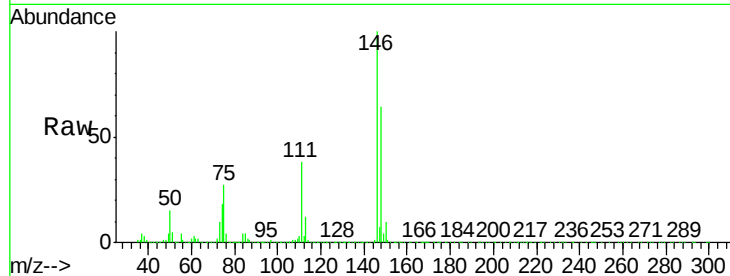
#87
 1,3-Dichlorobenzene
 Concen: 49.365 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	64.0	32.2	96.6

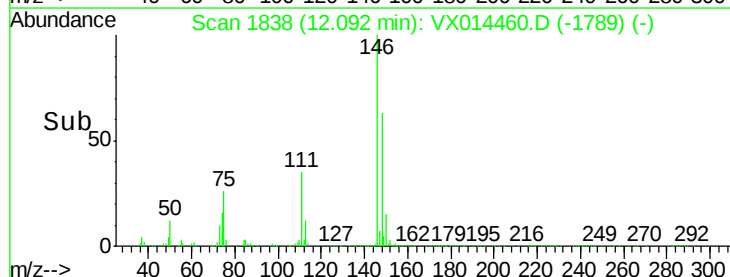
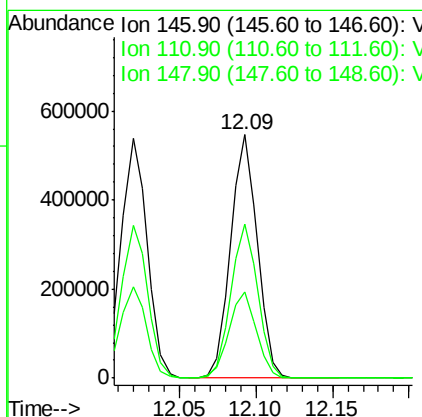
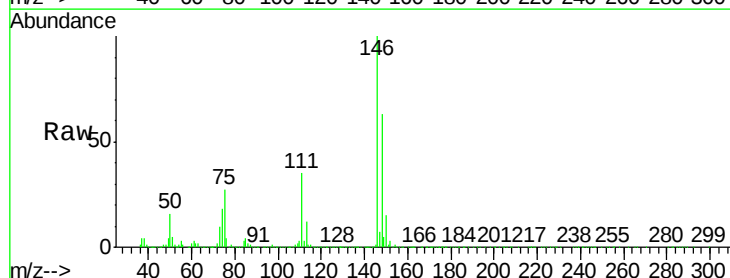
Manual Integrations
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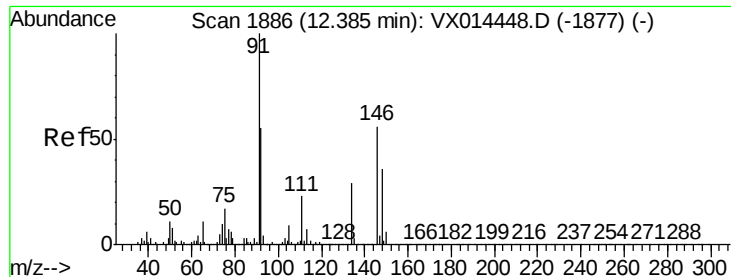
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#88
 1,4-Dichlorobenzene
 Concen: 53.394 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	63.9	32.1	96.3





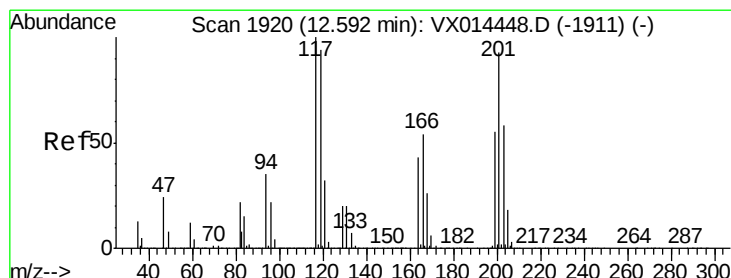
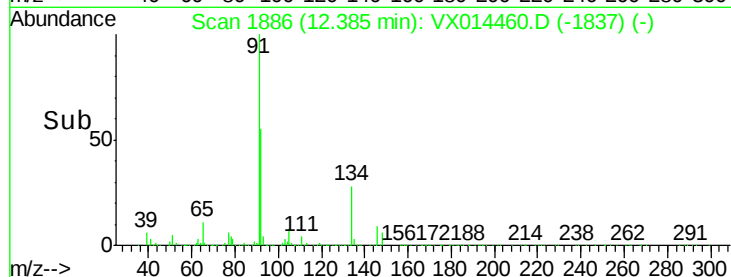
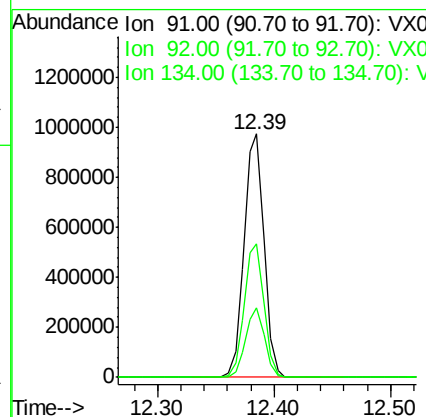
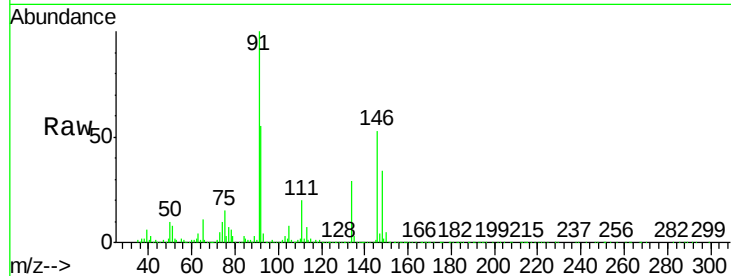
#89
n-Butylbenzene
Concen: 53.081 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1158422
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 27.5 13.9 41.7

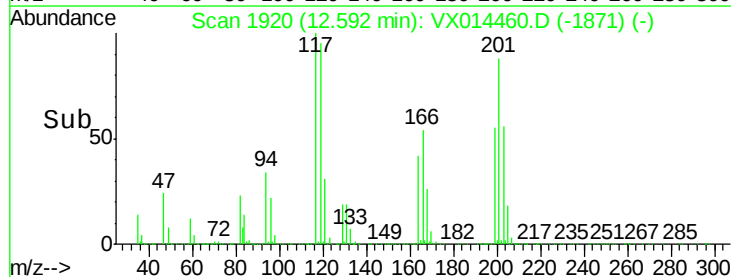
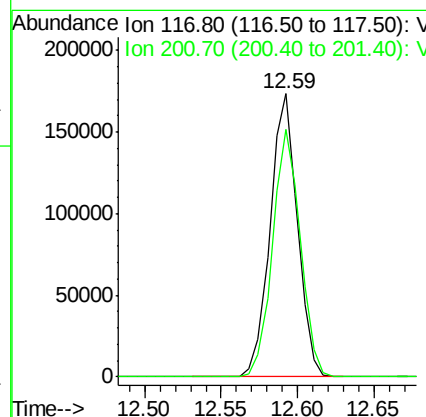
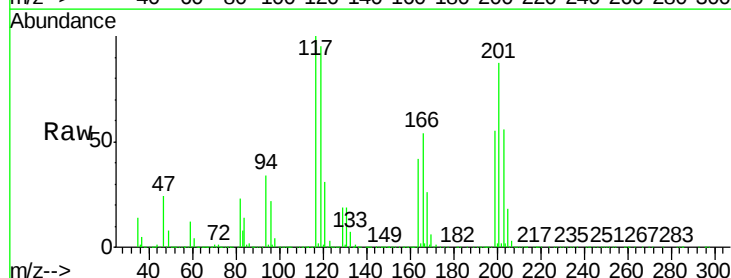
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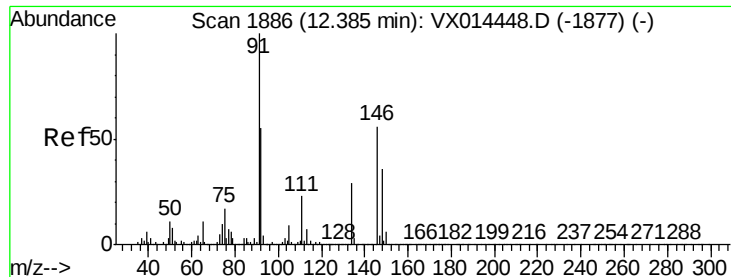
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#90
Hexachloroethane
Concen: 51.570 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion: 117 Resp: 216215
Ion Ratio Lower Upper
117 100
201 88.6 44.8 134.3





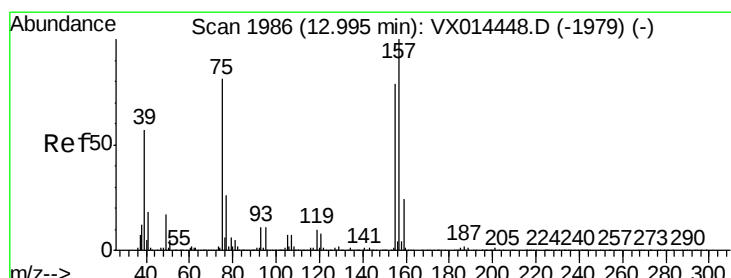
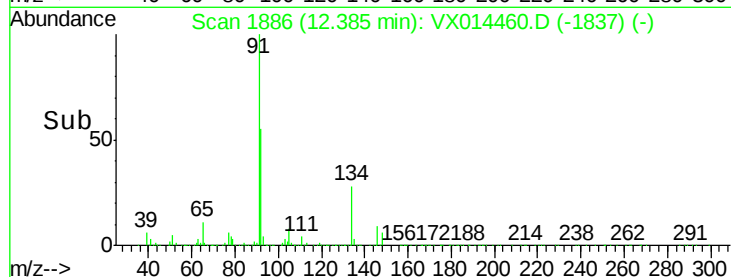
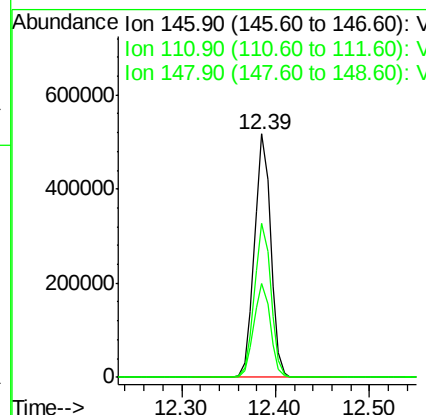
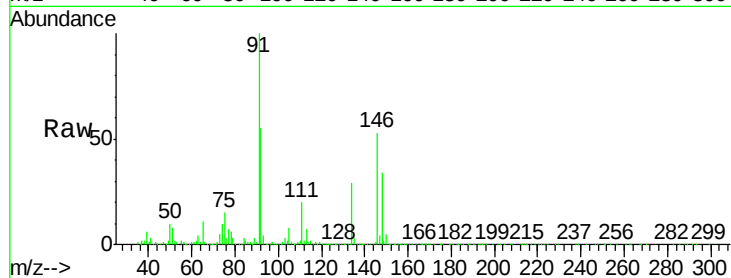
#91
1,2-Dichlorobenzene
Concen: 49.054 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	630898		
111	39.0	19.8	59.4	
148	64.3	32.3	96.8	

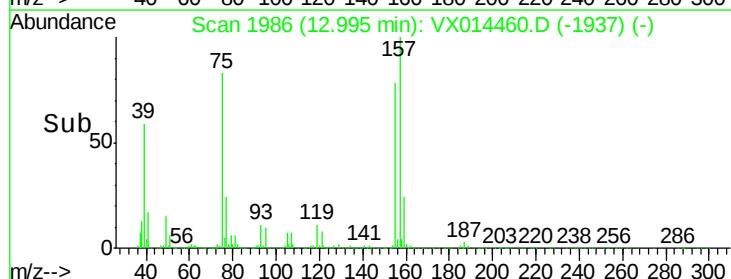
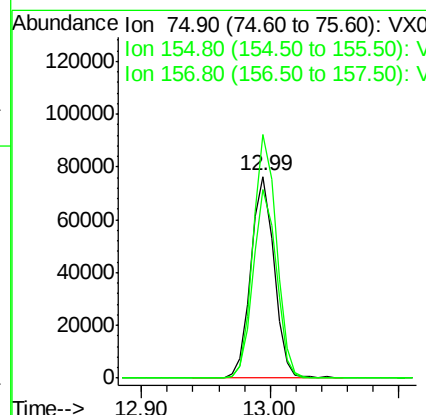
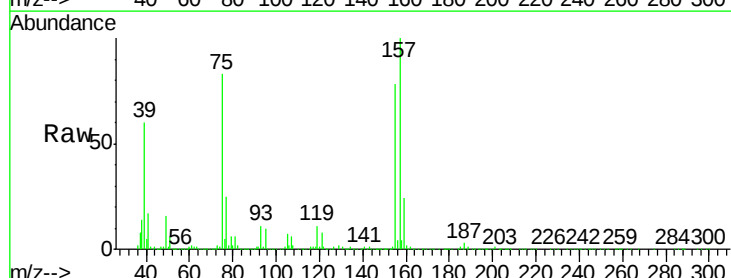
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#92
1,2-Dibromo-3-Chloropropane
Concen: 49.294 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	93790		
155	94.9	48.7	146.1	
157	122.2	62.0	185.9	





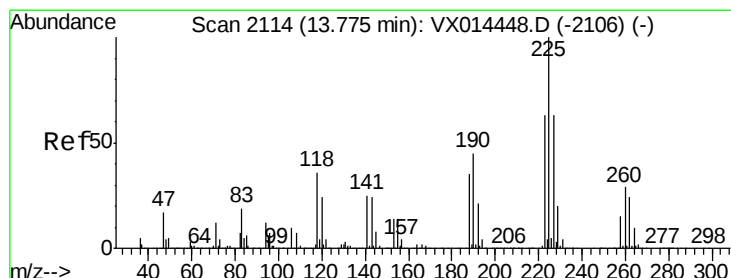
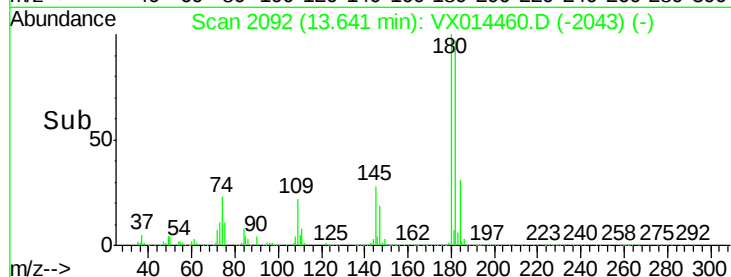
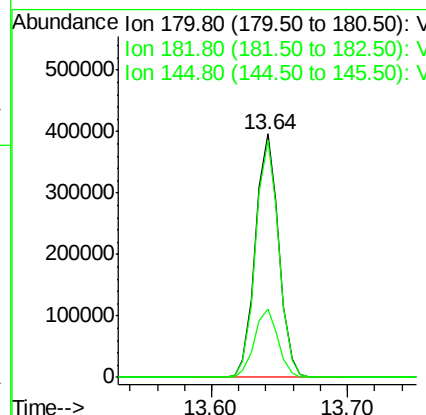
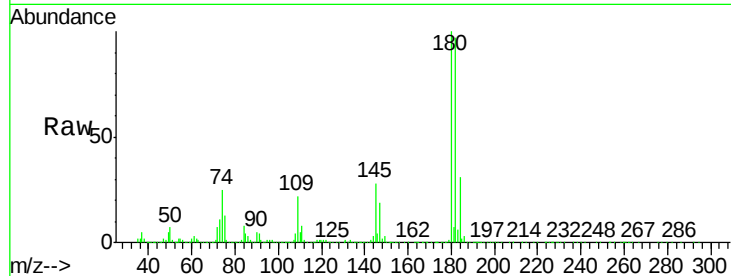
#93
 1,2,4-Trichlorobenzene
 Concen: 52.781 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	476379		
182	97.2	47.5	142.5	
145	28.3	13.9	41.6	

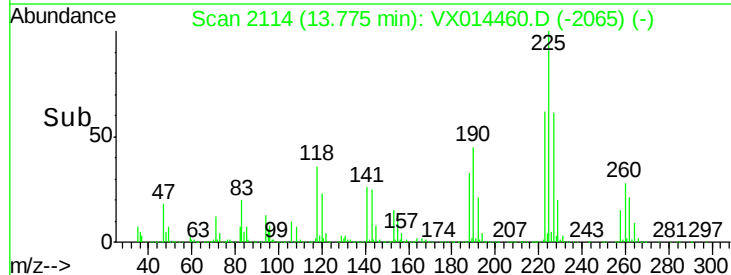
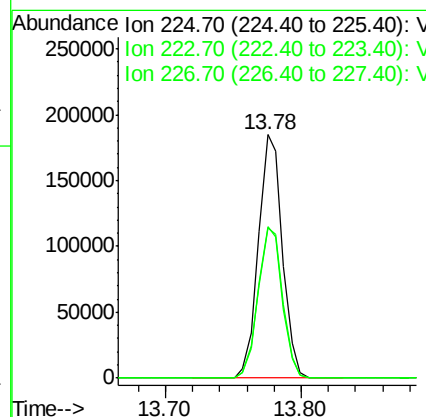
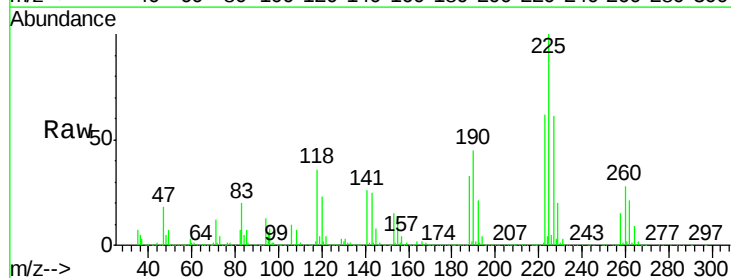
Manual Integrations
 APPROVED

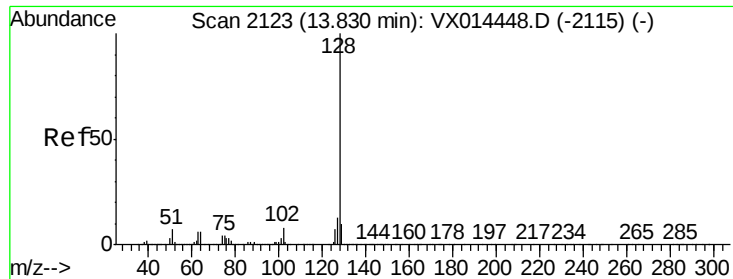
apatel
 1/9/2020 2:33:35 PM



#94
 Hexachlorobutadiene
 Concen: 54.371 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014460.D
 Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	229884		
223	62.7	31.1	93.2	
227	63.4	31.4	94.2	





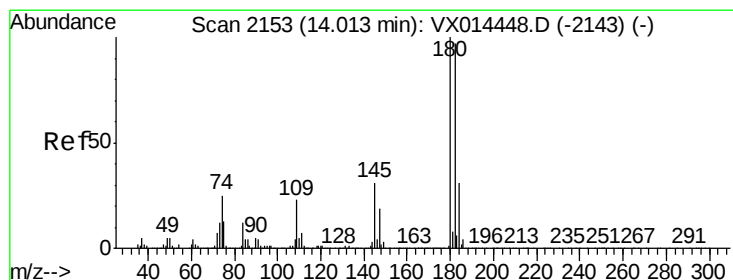
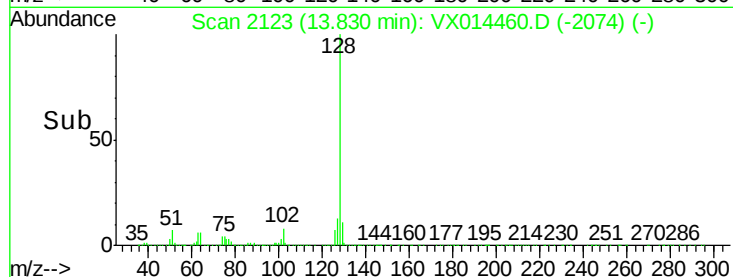
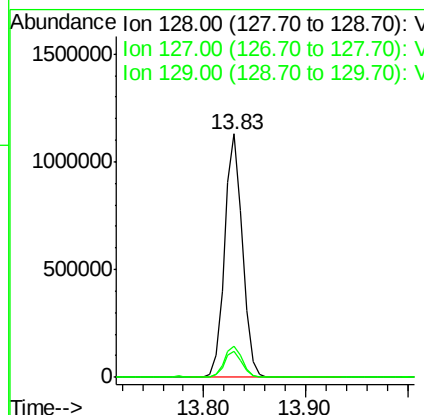
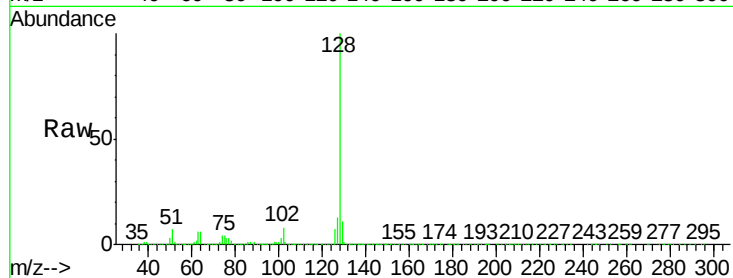
#95
Naphthalene
Concen: 48.698 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.698 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014460.D
Acq: 08 Jan 2020 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.9	143.6
145	29.6	14.8	44.3

