

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017693.D
 Acq On : 31 Jul 2020 11:57
 Operator : JC/SP
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:25 PM

Quant Time: Aug 01 03:21:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	533107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	783705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	731559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	401723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	345791	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.46	113	267854	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.70	98	977270	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.12	95	359918	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90230	17.583	ug/l	97
3) Chloromethane	1.31	50	111742	17.200	ug/l	98
4) Vinyl Chloride	1.39	62	114745	17.104	ug/l	99
5) Bromomethane	1.63	94	83917	21.540	ug/l	97
6) Chloroethane	1.72	64	71404	18.826	ug/l	99
7) Trichlorofluoromethane	1.92	101	196874	18.658	ug/l	98
8) Diethyl Ether	2.17	74	66732	18.653	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107003	18.479	ug/l	98
10) Methyl Iodide	2.49	142	114401	15.443	ug/l	96
11) Tert butyl alcohol	3.01	59	121309	84.051	ug/l	99
12) 1,1-Dichloroethene	2.36	96	98433	17.876	ug/l	99
13) Acrolein	2.27	56	92456	86.661	ug/l	99
14) Allyl chloride	2.71	41	184774	18.377	ug/l	100
15) Acrylonitrile	3.11	53	271668	87.149	ug/l	99
16) Acetone	2.42	43	265099	87.955	ug/l	99
17) Carbon Disulfide	2.55	76	270460	16.160	ug/l	98
18) Methyl Acetate	2.75	43	135892	19.144	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	338696	17.771	ug/l	100
20) Methylene Chloride	2.84	84	114269	19.343	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	104728	17.754	ug/l	95
22) Diisopropyl ether	3.82	45	340503	18.521	ug/l	93
23) Vinyl Acetate	3.78	43	1480711	90.331	ug/l	99
24) 1,1-Dichloroethane	3.67	63	194224	18.340	ug/l	97
25) 2-Butanone	4.63	43	386324	90.225	ug/l	99
26) 2,2-Dichloropropane	4.55	77	186469	19.670	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	119039	18.579	ug/l	98
28) Bromochloromethane	4.98	49	91107	18.984	ug/l	96
29) Tetrahydrofuran	5.09	42	245663	92.625	ug/l	99
30) Chloroform	5.17	83	206789	19.110	ug/l	95
31) Cyclohexane	5.54	56	158208	18.733	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	196692	19.276	ug/l	99
36) 1,1-Dichloropropene	5.77	75	147087	19.569	ug/l	99
37) Ethyl Acetate	4.79	43	151081	18.370	ug/l	98
38) Carbon Tetrachloride	5.75	117	183395	20.092	ug/l	99

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Manual Integrations
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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163330	18.614	ug/l	99
40) Benzene	6.11	78	420243	19.501	ug/l	99
41) Methacrylonitrile	5.00	41	87927	18.652	ug/l	99
42) 1,2-Dichloroethane	6.16	62	174566	19.801	ug/l	98
43) Isopropyl Acetate	6.41	43	261730	19.288	ug/l	100
44) Trichloroethene	7.18	130	123926	19.678	ug/l	98
45) 1,2-Dichloropropane	7.49	63	113679	19.030	ug/l	100
46) Dibromomethane	7.63	93	80430	19.051	ug/l	96
47) Bromodichloromethane	7.87	83	178229	20.981	ug/l	98
48) Methyl methacrylate	7.74	41	120710	17.946	ug/l	97
49) 1,4-Dioxane	7.71	88	48432	375.566	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	820803	101.380	ug/l	98
52) Toluene	8.76	92	281468	20.367	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	179464	18.873	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	197923	20.406	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	111738	19.409	ug/l	99
56) Ethyl methacrylate	9.16	69	164328	18.946	ug/l	99
57) 1,3-Dichloropropane	9.35	76	182914	19.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	419225	91.743	ug/l	99
59) 2-Hexanone	9.47	43	573414	94.070	ug/l	98
60) Dibromochloromethane	9.57	129	139290	19.036	ug/l	98
61) 1,2-Dibromoethane	9.65	107	120598	19.676	ug/l	100
64) Tetrachloroethene	9.32	164	130856	19.929	ug/l	97
65) Chlorobenzene	10.12	112	294230	18.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	123225	19.282	ug/l	98
67) Ethyl Benzene	10.23	91	502290	19.003	ug/l	98
68) m/p-Xylenes	10.34	106	389343	38.022	ug/l	97
69) o-Xylene	10.68	106	181667	18.446	ug/l	99
70) Styrene	10.70	104	317699	18.960	ug/l	99
71) Bromoform	10.84	173	102681	18.545	ug/l #	98
73) Isopropylbenzene	11.00	105	511652	18.566	ug/l	99
74) N-amyl acetate	10.88	43	204526	16.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	156779	18.226	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	157227m	19.026	ug/l	
77) Bromobenzene	11.24	156	143784	18.636	ug/l	100
78) n-propylbenzene	11.34	91	590021	18.983	ug/l	98
79) 2-Chlorotoluene	11.40	91	345620	17.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	432614	18.386	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	56860	17.338	ug/l	97
82) 4-Chlorotoluene	11.49	91	411608	18.123	ug/l	99
83) tert-Butylbenzene	11.76	119	423437	18.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	441458	18.863	ug/l	98
85) sec-Butylbenzene	11.93	105	508896	19.403	ug/l	99
86) p-Isopropyltoluene	12.05	119	493124	19.743	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	261083	19.706	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	258563	18.841	ug/l	98
89) n-Butylbenzene	12.37	91	406797	18.278	ug/l	98
90) Hexachloroethane	12.58	117	88807	18.035	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	241075	18.514	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	39535	17.991	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
VX0731WBS01

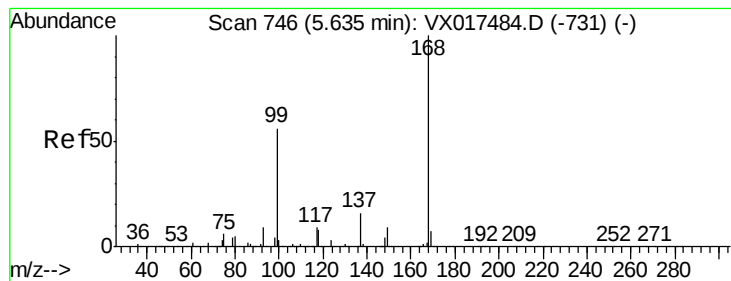
Manual Integrations
APPROVED

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8/3/2020 5:02:25 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	159366	17.933	ug/l	98
94) Hexachlorobutadiene	13.77	225	78104	19.093	ug/l	99
95) Naphthalene	13.82	128	480869	18.126	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	165828	18.898	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion:168 Resp: 533107

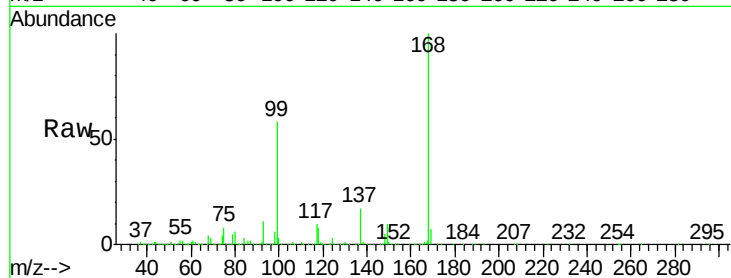
Ion Ratio Lower Upper

168 100

99 57.8 43.4 65.2

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

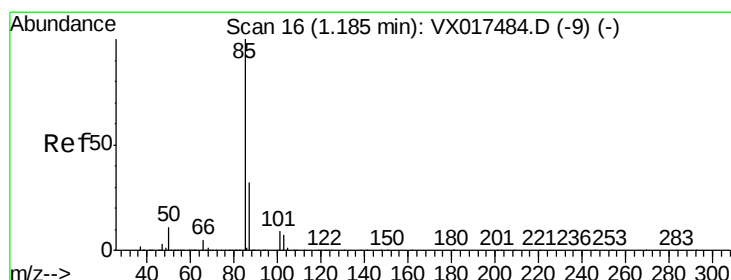
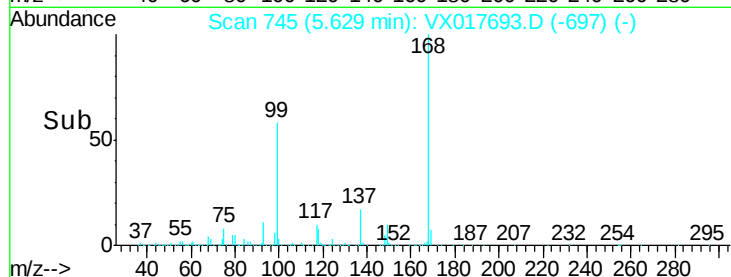
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.583 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017693.D

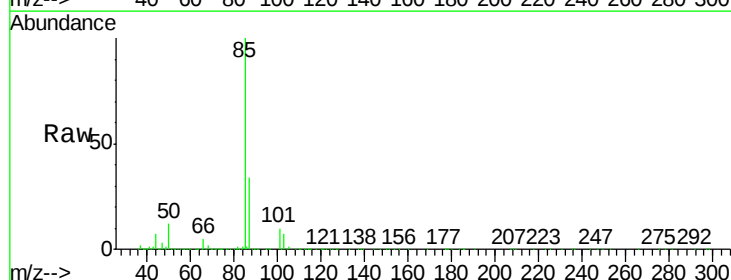
Acq: 31 Jul 2020 11:57

Tgt Ion: 85 Resp: 90230

Ion Ratio Lower Upper

85 100

87 33.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

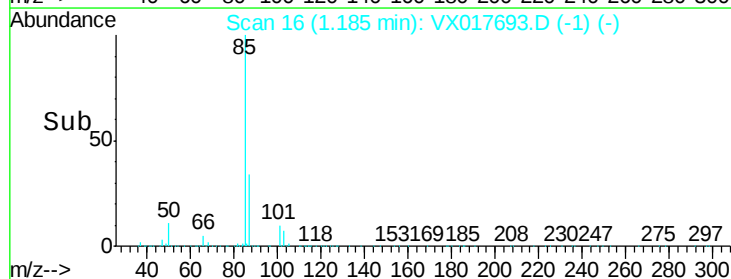
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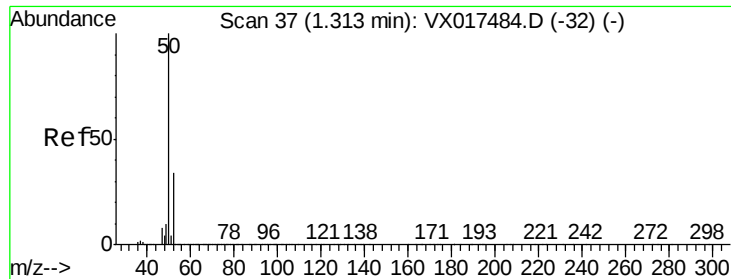
20000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.200 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 50 Resp: 111742

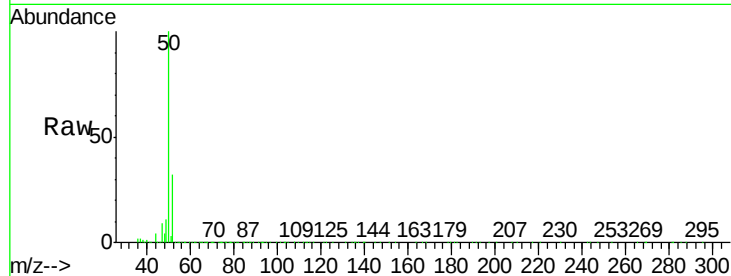
Ion Ratio Lower Upper

50 100

52 31.4 25.9 38.9

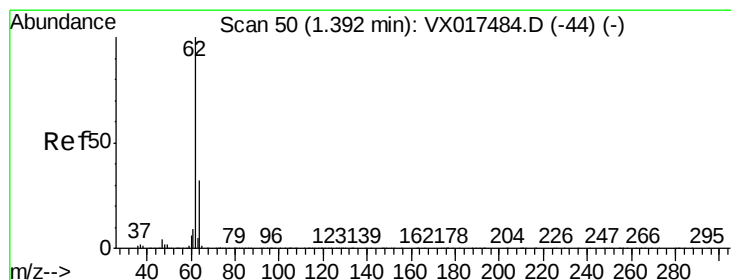
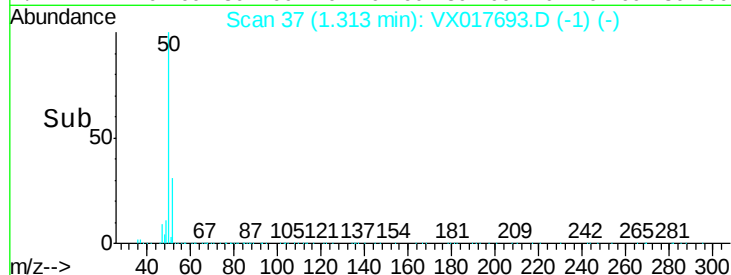
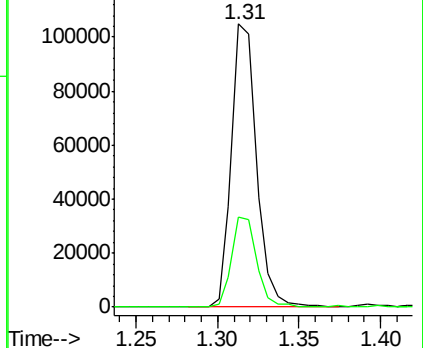
Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.104 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017693.D

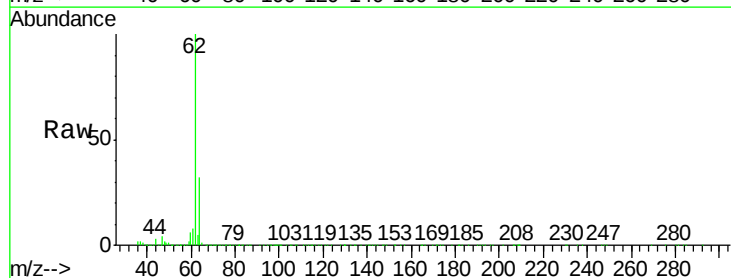
Acq: 31 Jul 2020 11:57

Tgt Ion: 62 Resp: 114745

Ion Ratio Lower Upper

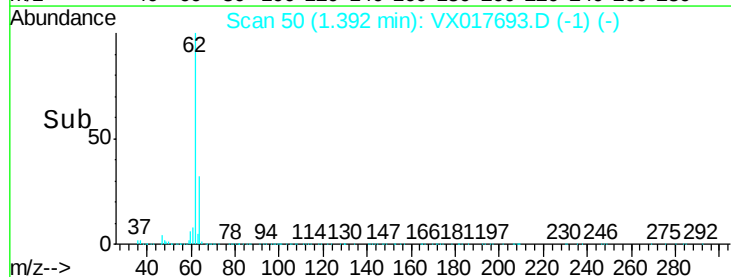
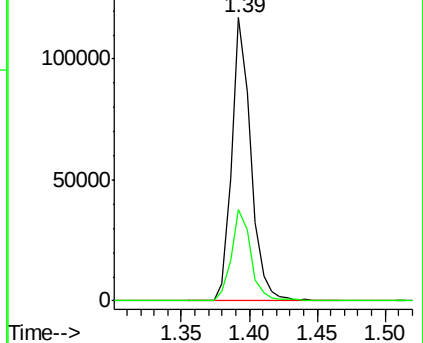
62 100

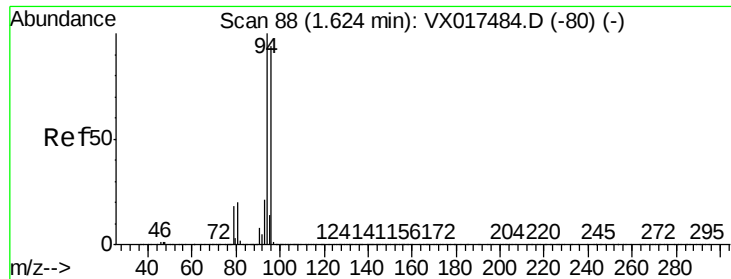
64 32.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.540 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 94 Resp: 83917

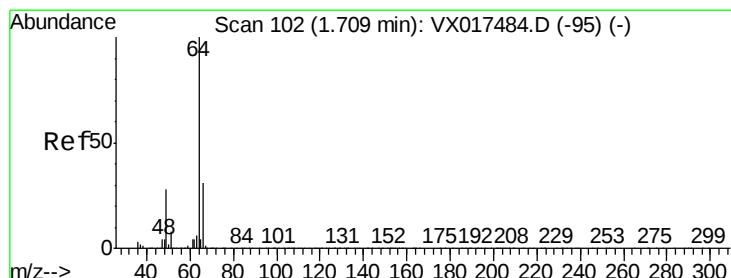
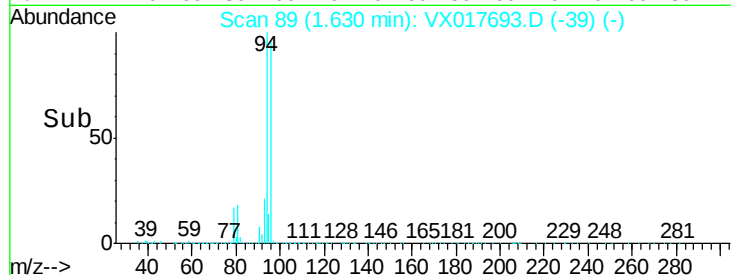
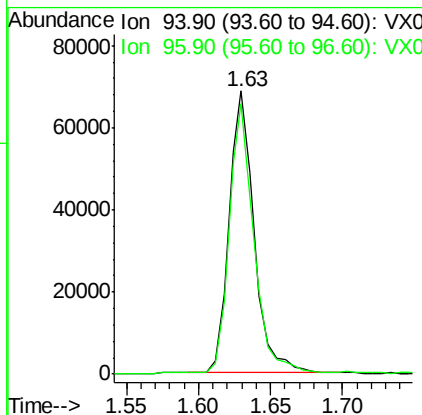
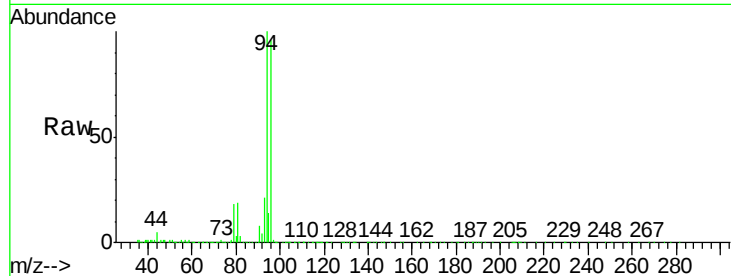
Ion Ratio Lower Upper

94 100

96 95.5 74.1 111.1

Manual Integrations
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#6

Chloroethane

Concen: 18.826 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017693.D

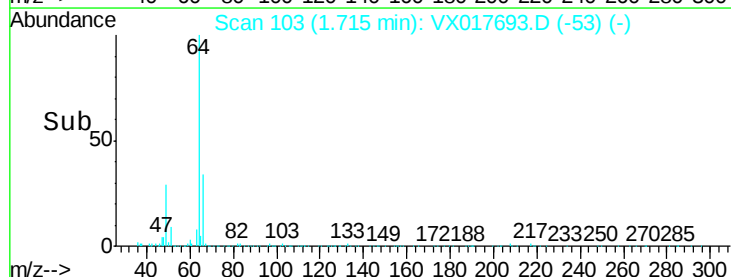
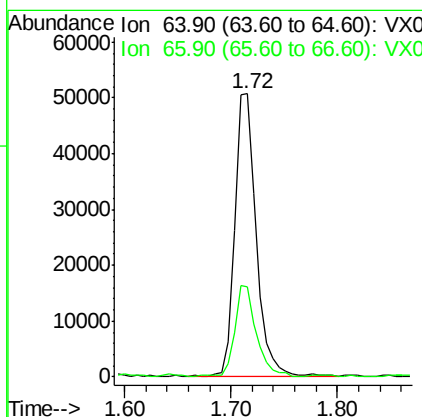
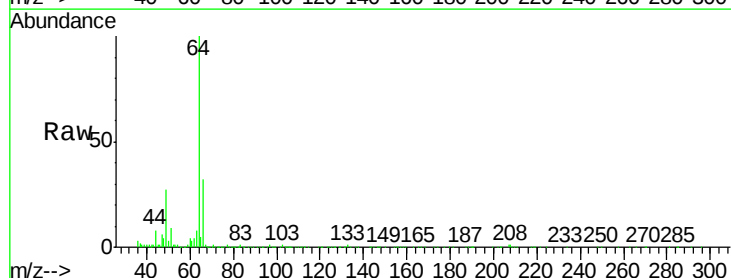
Acq: 31 Jul 2020 11:57

Tgt Ion: 64 Resp: 71404

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3





#7

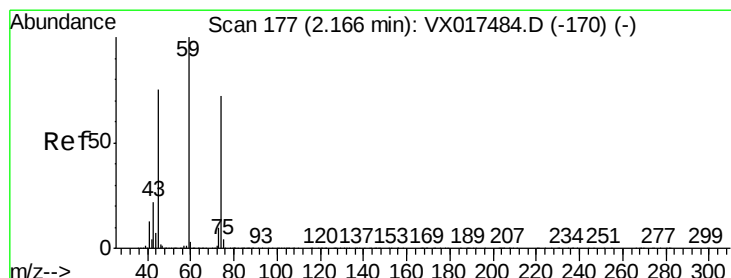
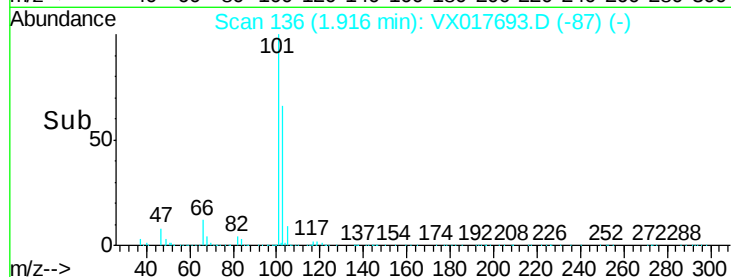
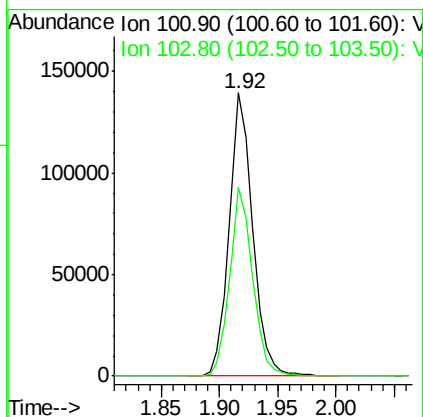
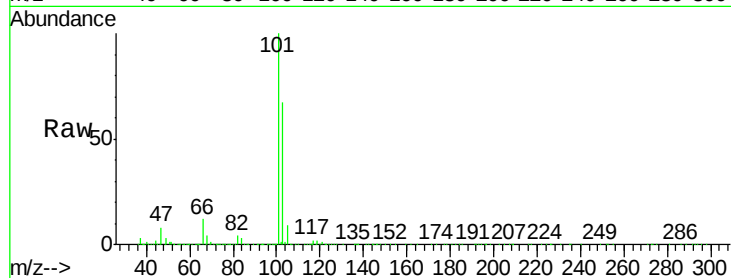
Trichlorofluoromethane
Concen: 18.658 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

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ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.8	77.8

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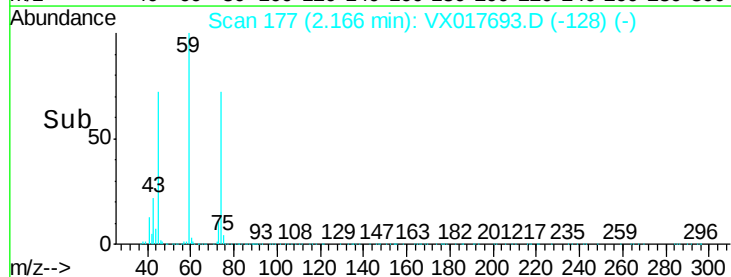
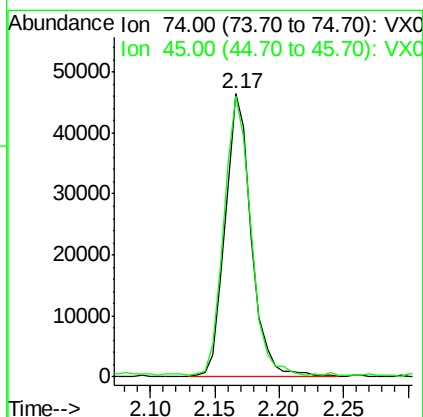
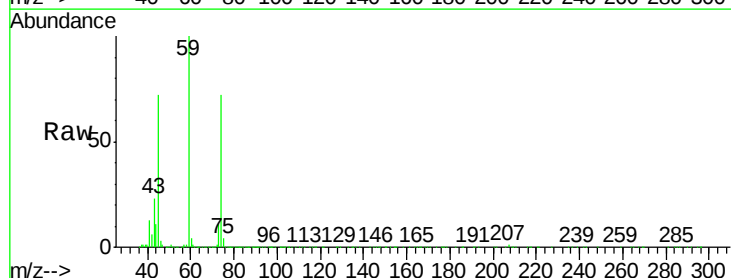
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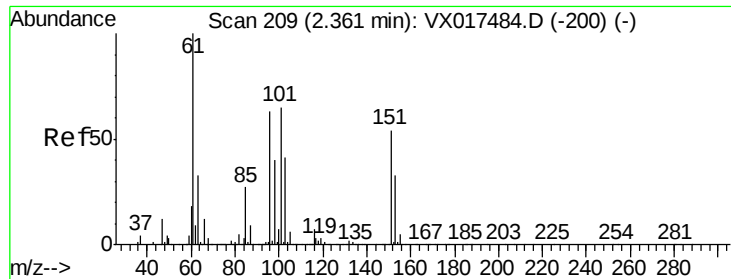


#8

Diethyl Ether
Concen: 18.653 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.479 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

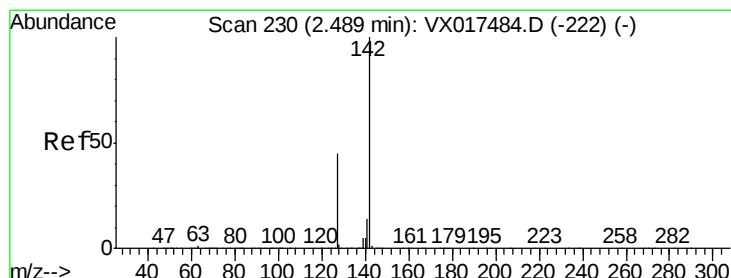
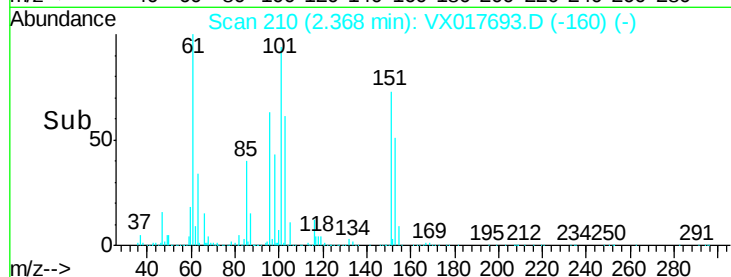
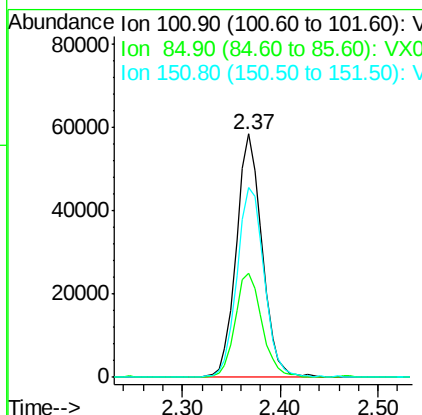
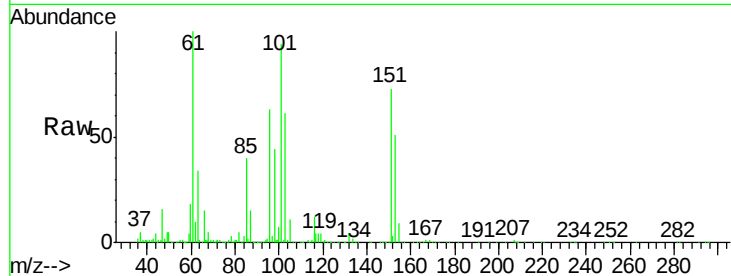
ClientSampleId :

VX0731WBS01

Tot Ion:	101	Resp:	107003
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.8	52.2
151	82.6	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.443 ug/l

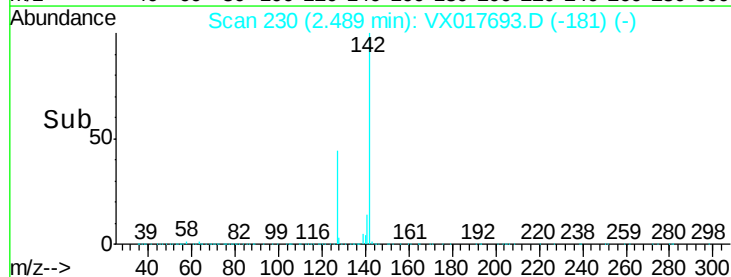
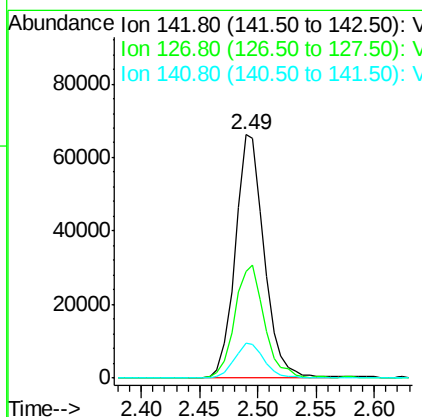
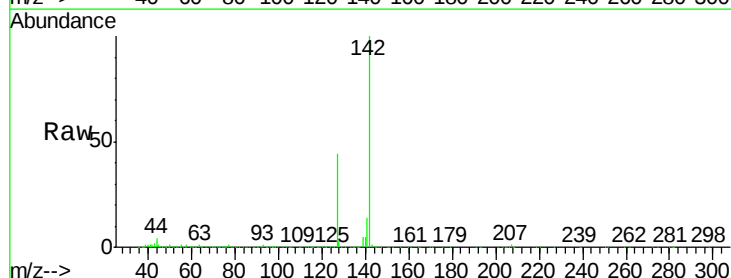
RT: 2.49 min Scan# 230

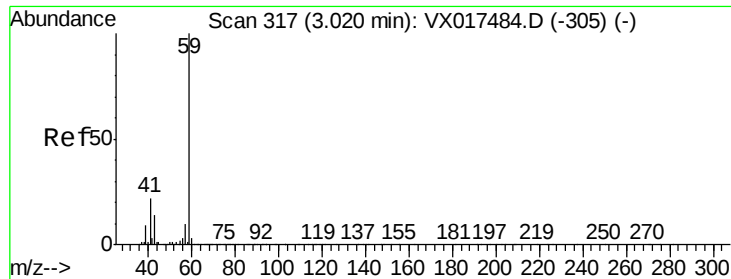
Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	142	Resp:	114401
Ion Ratio	Lower	Upper	
142	100		
127	47.9	35.9	53.9
141	15.0	11.4	17.0





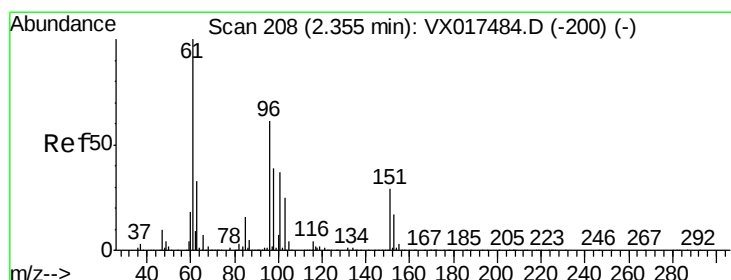
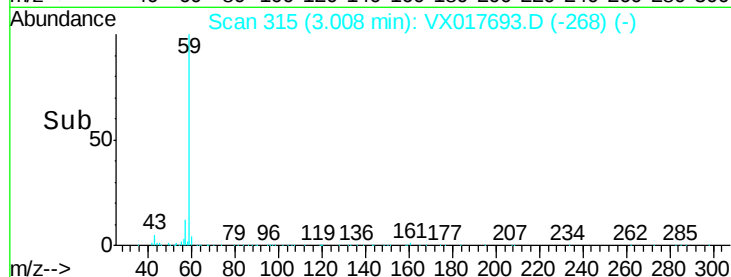
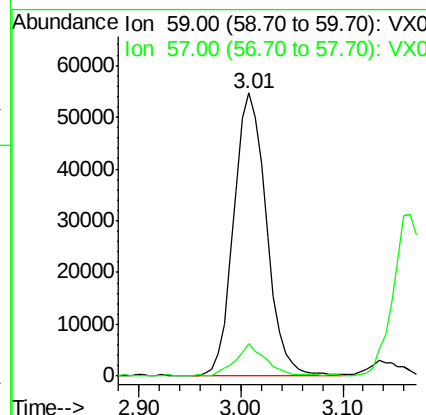
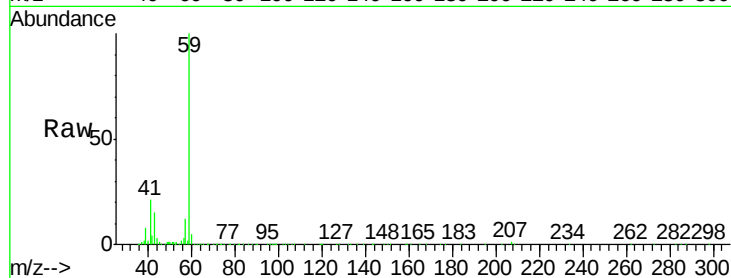
#11
Tert butyl alcohol
Concen: 84.051 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion: 59 Resp: 121309
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

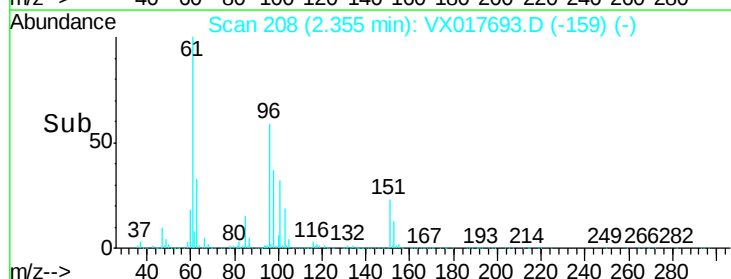
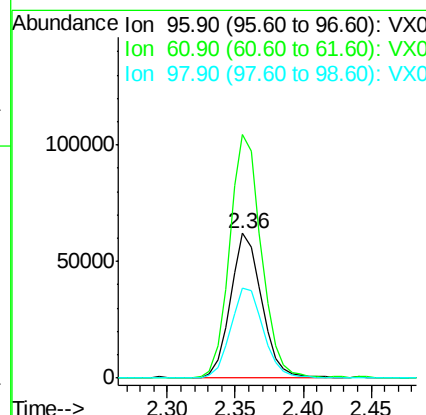
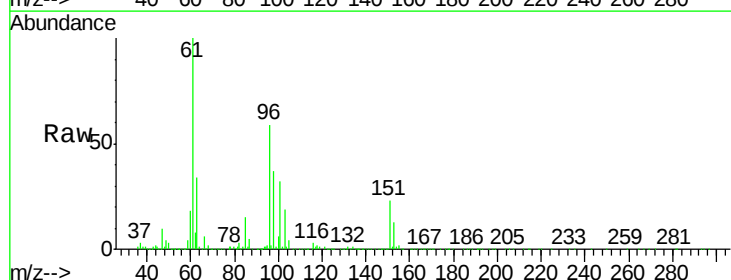
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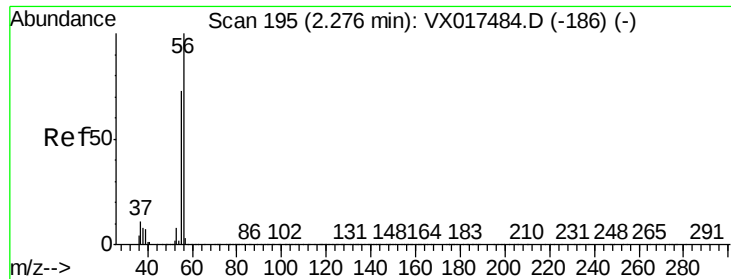
MMDadoda
8/3/2020 5:02:25 PM



#12
1,1-Dichloroethene
Concen: 17.876 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 96 Resp: 98433
Ion Ratio Lower Upper
96 100
61 168.0 134.0 201.0
98 62.1 51.0 76.4





#13

Acrolein

Concen: 86.661 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 56 Resp: 92456

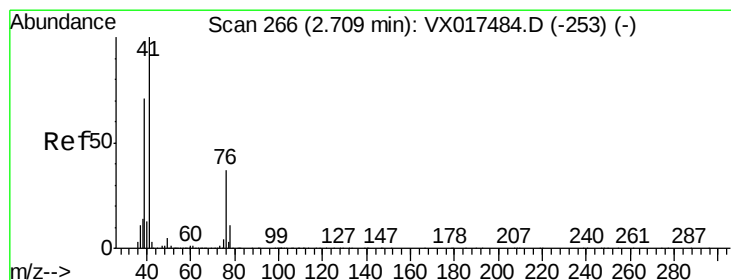
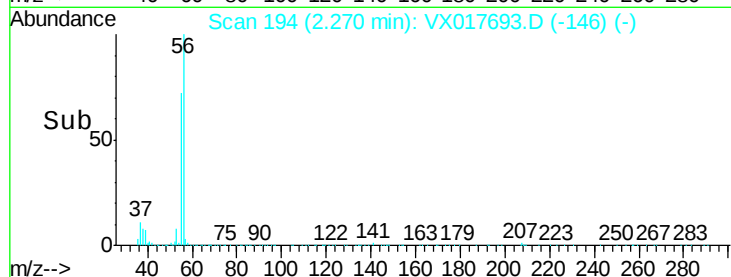
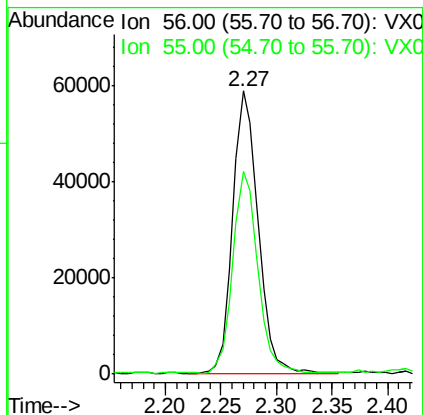
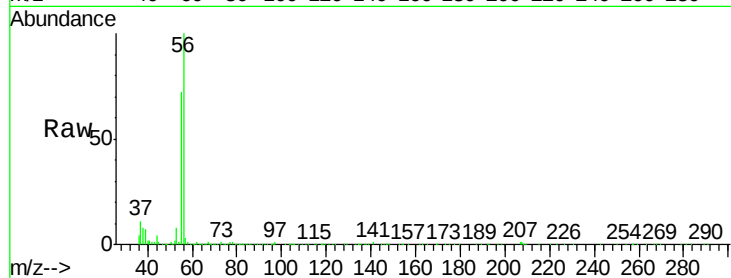
Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.2

Manual Integrations
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#14

Allyl chloride

Concen: 18.377 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

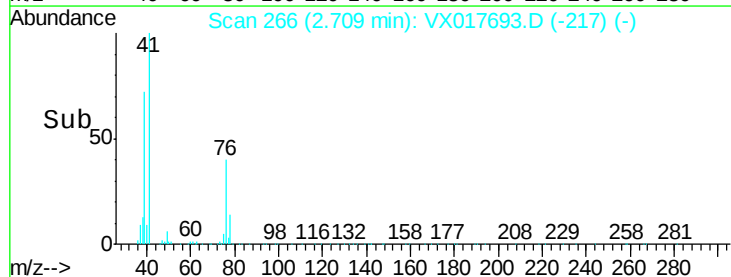
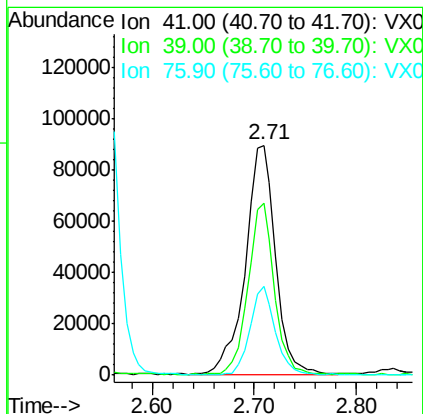
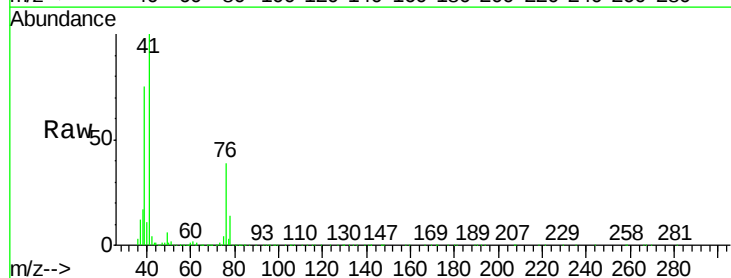
Tgt Ion: 41 Resp: 184774

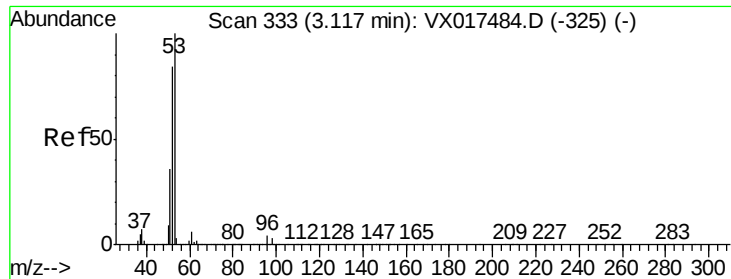
Ion Ratio Lower Upper

41 100

39 65.4 51.9 77.9

76 31.8 25.5 38.3





#15

Acrylonitrile

Concen: 87.149 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

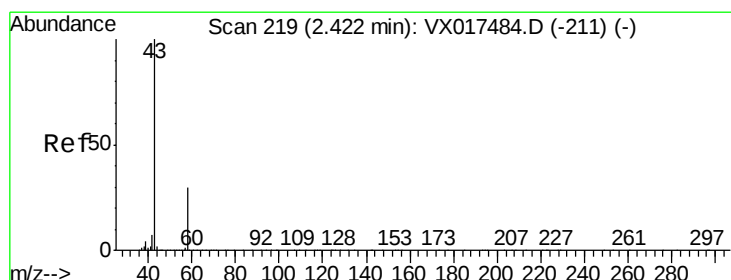
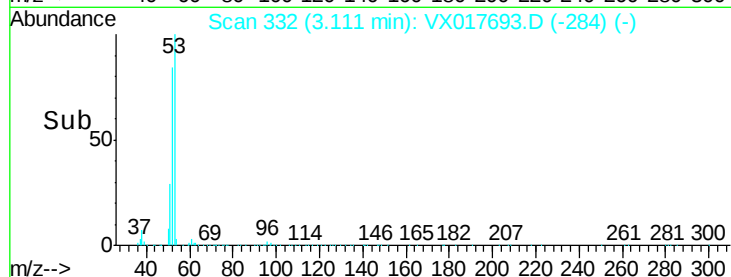
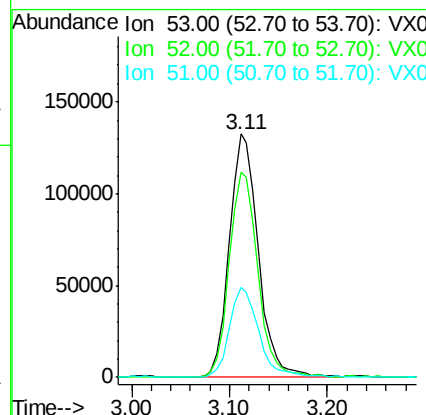
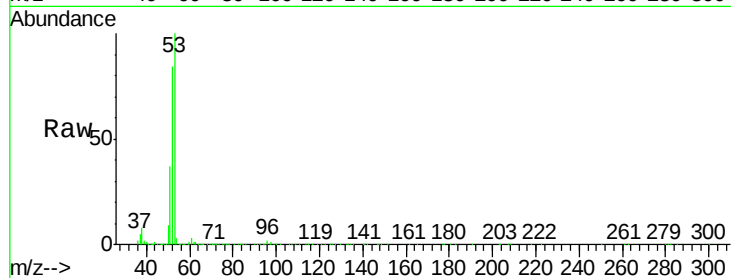
ClientSampleId :

VX0731WBS01

Tot Ion:	53	Resp:	271668
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.6	99.8
51	37.6	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 87.955 ug/l

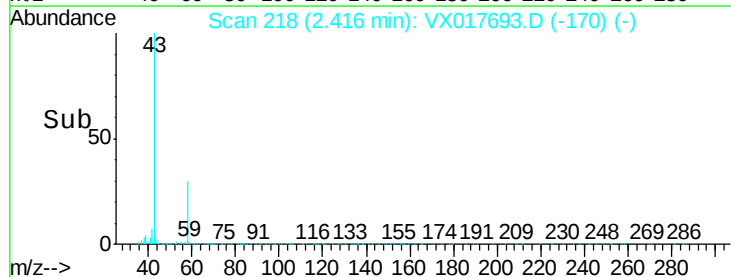
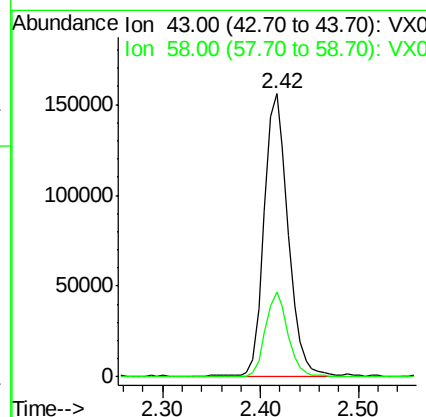
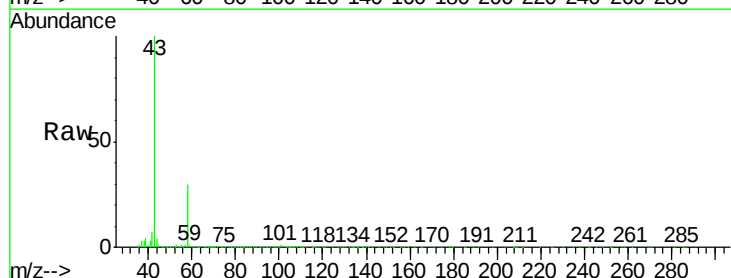
RT: 2.42 min Scan# 218

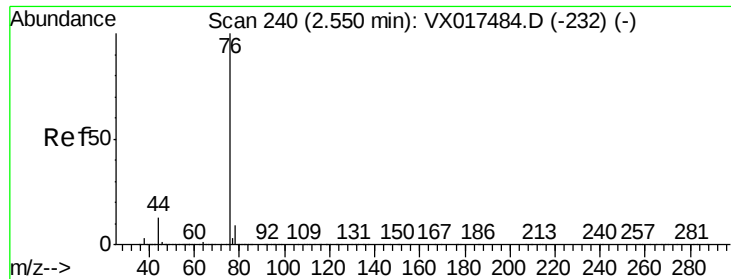
Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	43	Resp:	265099
Ion Ratio		Lower	Upper
43	100		
58	29.8	24.2	36.4





#17

Carbon Disulfide

Concen: 16.160 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 76 Resp: 270460

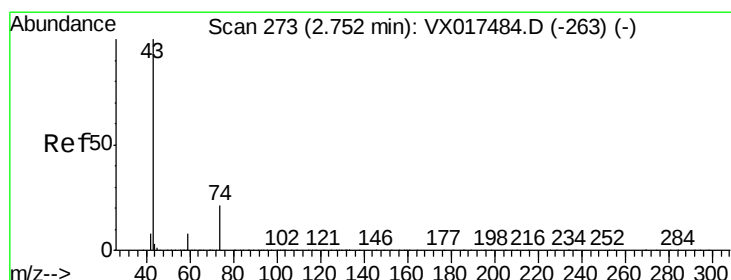
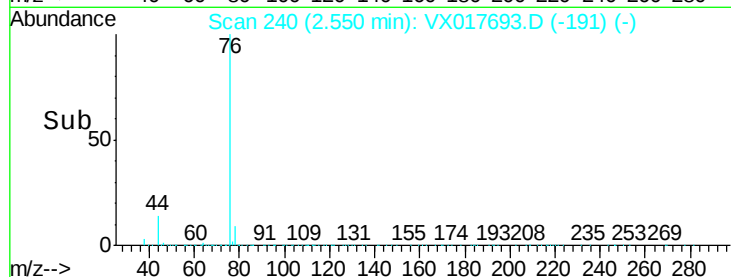
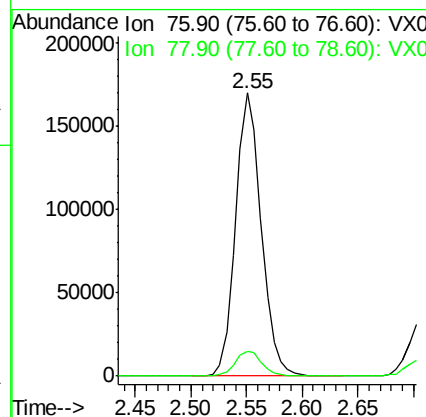
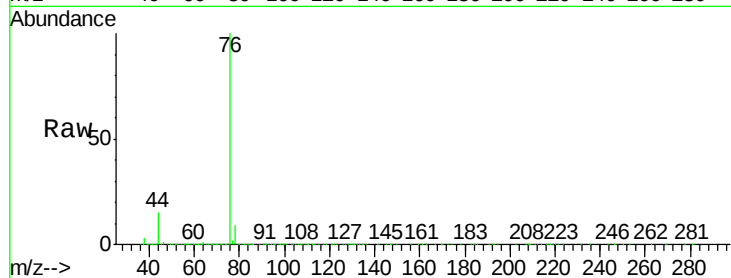
Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3

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#18

Methyl Acetate

Concen: 19.144 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017693.D

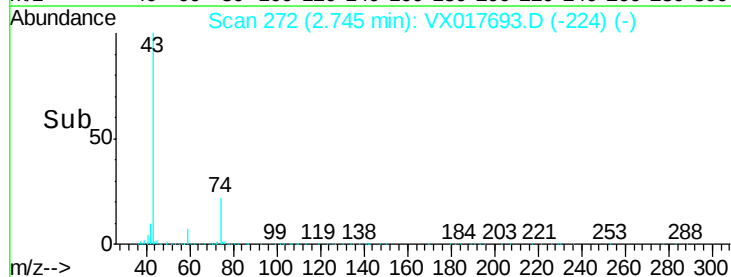
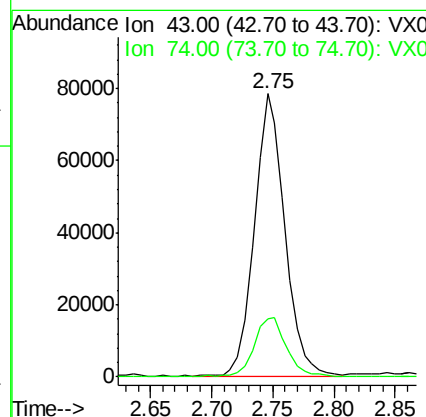
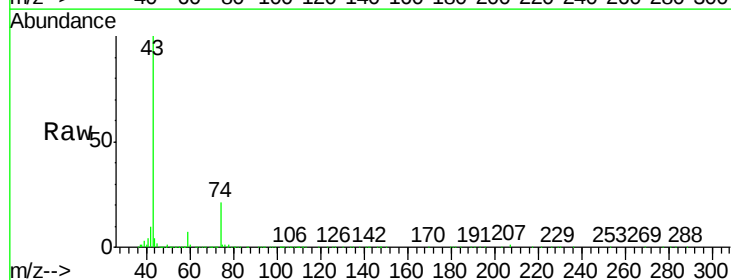
Acq: 31 Jul 2020 11:57

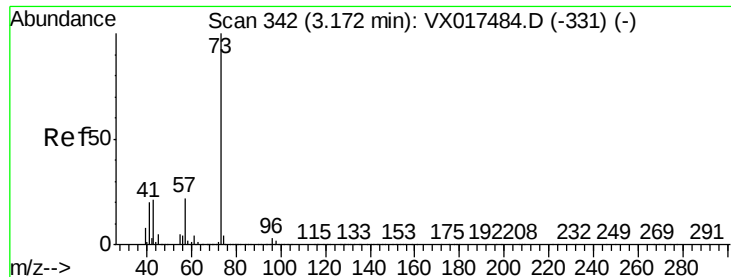
Tgt Ion: 43 Resp: 135892

Ion Ratio Lower Upper

43 100

74 22.0 17.5 26.3





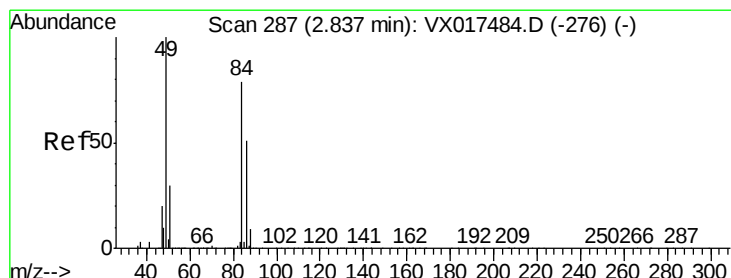
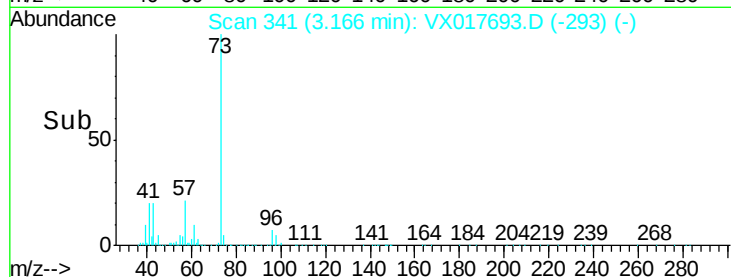
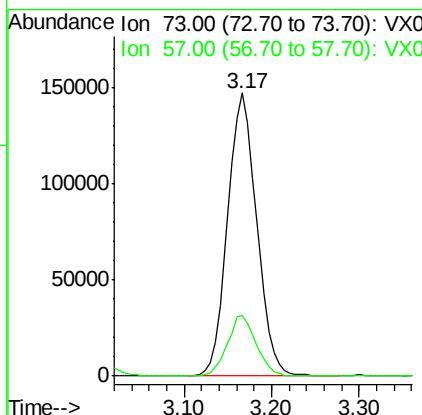
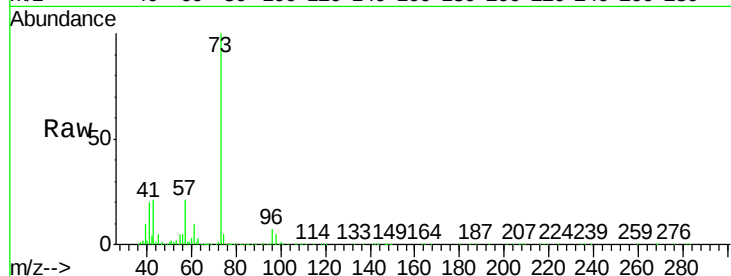
#19
Methvl tert-butvl Ether
Concen: 17.771 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.0	25.4

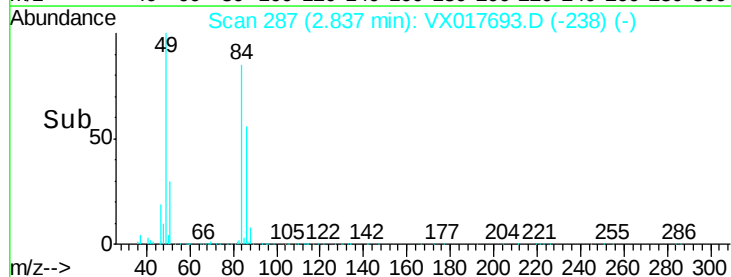
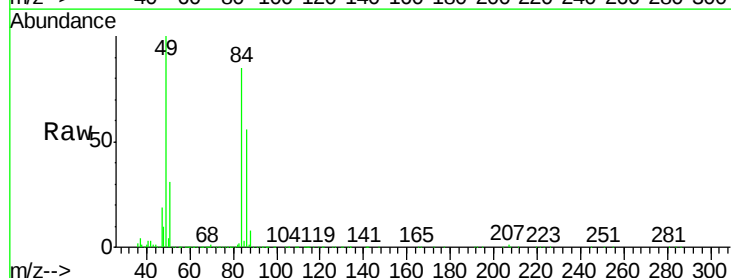
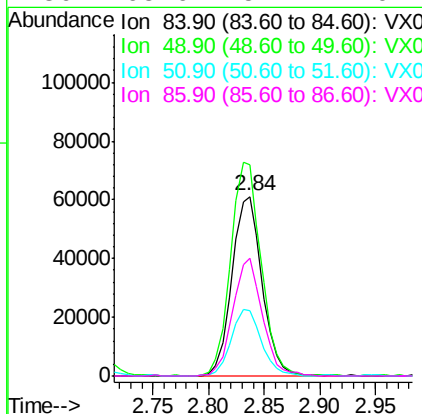
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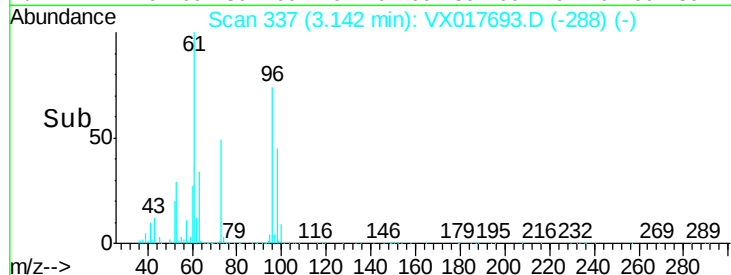
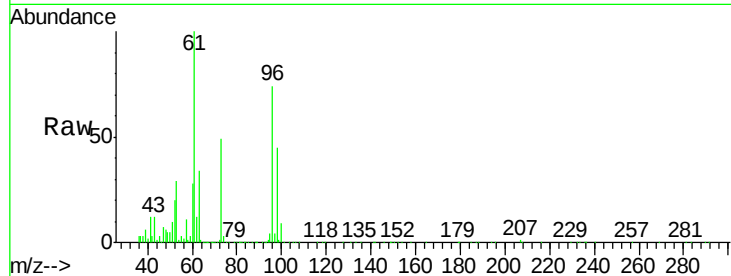
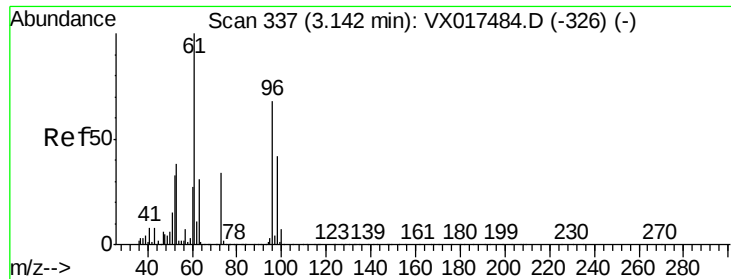
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#20
Methylene Chloride
Concen: 19.343 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	100.3	150.5
51	35.9	30.5	45.7
86	65.6	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 17.754 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017693.D

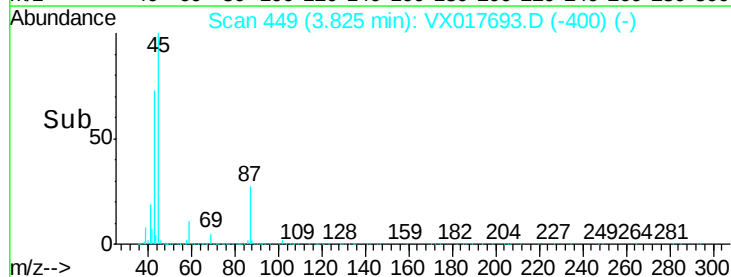
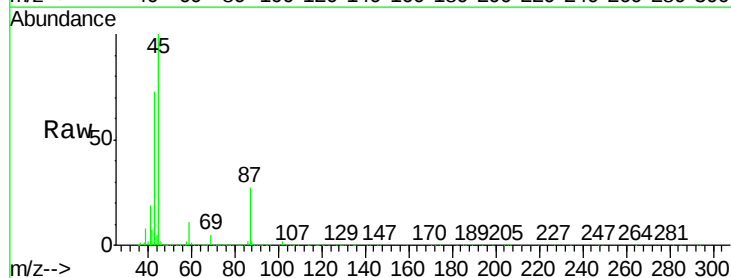
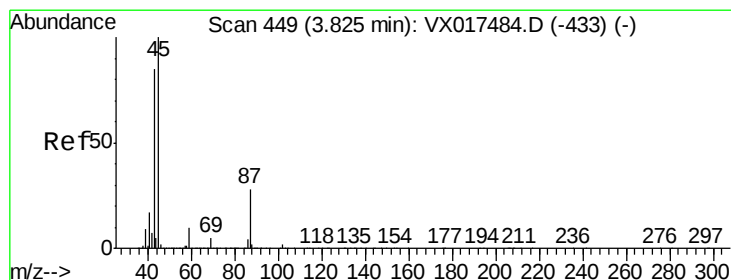
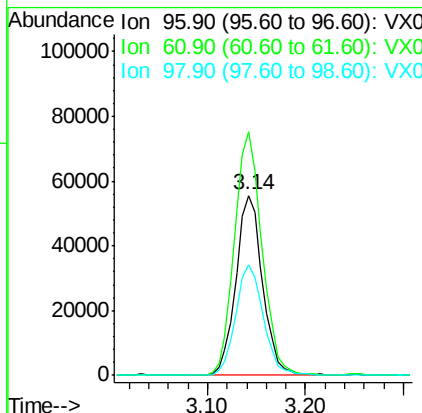
Acq: 31 Jul 2020 11:57

Tot Ion:	96	Resp:	104728
Ion Ratio	Lower	Upper	
96	100		
61	135.4	113.0	169.4
98	61.5	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.521 ug/l

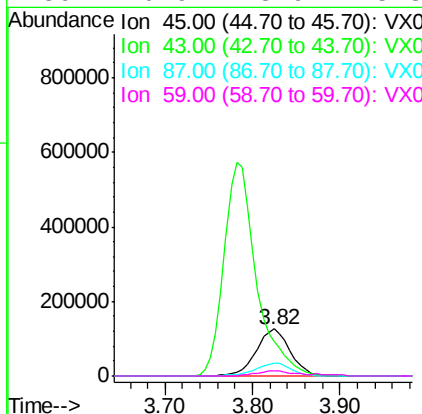
RT: 3.82 min Scan# 449

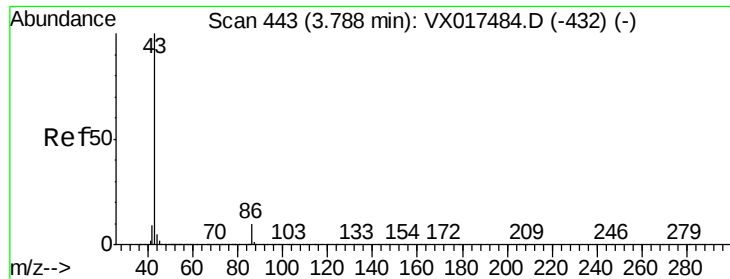
Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	45	Resp:	340503
Ion Ratio	Lower	Upper	
45	100		
43	73.0	52.0	78.0
87	27.3	22.2	33.4
59	10.9	8.9	13.3





#23

Vinyl Acetate

Concen: 90.331 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 43 Resp: 1480711

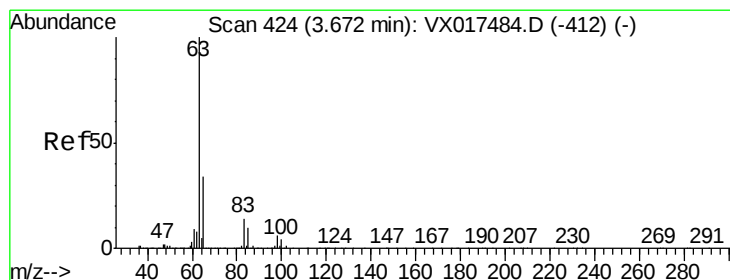
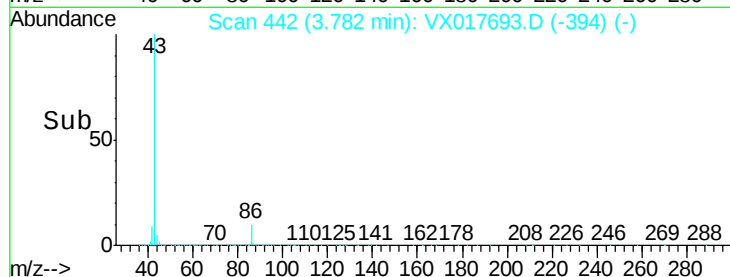
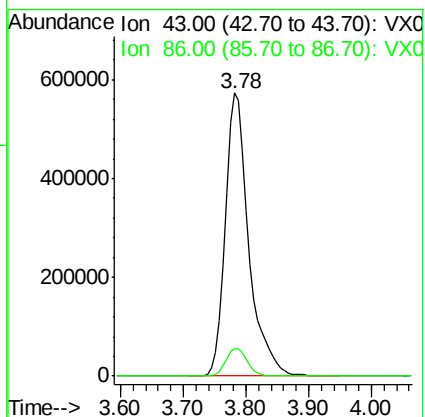
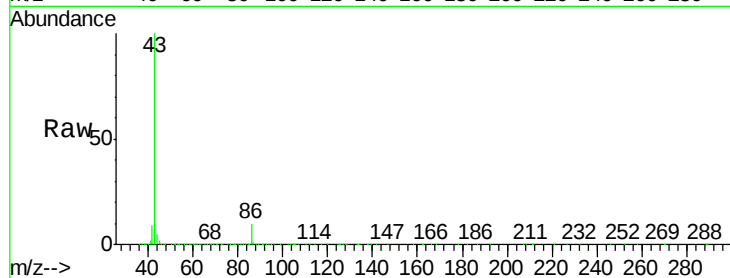
Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 18.340 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

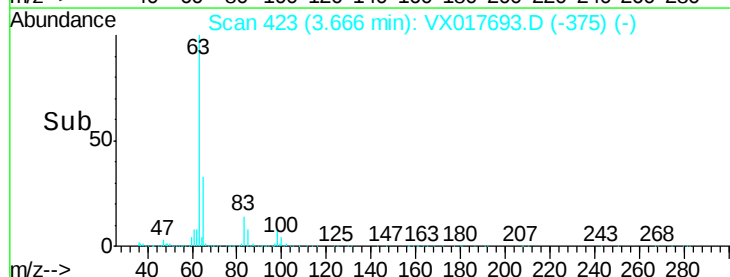
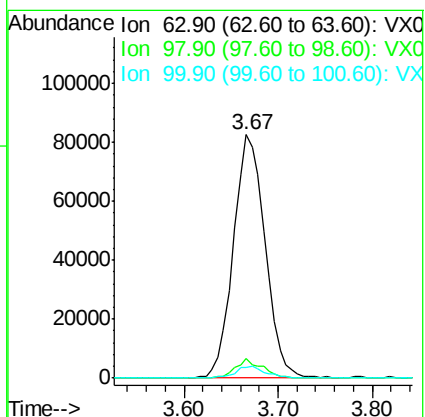
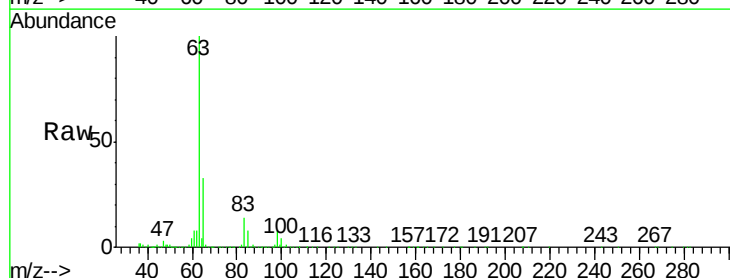
Tgt Ion: 63 Resp: 194224

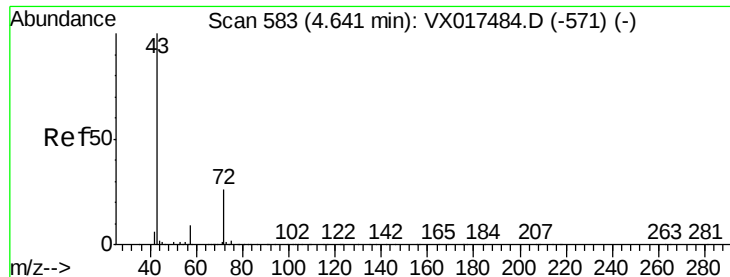
Ion Ratio Lower Upper

63 100

98 8.3 3.4 10.1

100 4.3 1.9 5.7





#25

2-Butanone

Concen: 90.225 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 43 Resp: 386324

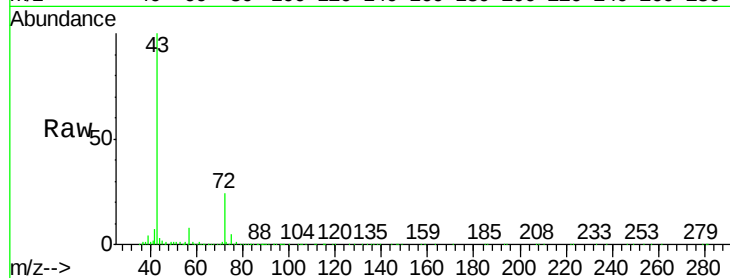
Ion Ratio Lower Upper

43 100

72 24.1 19.0 28.4

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

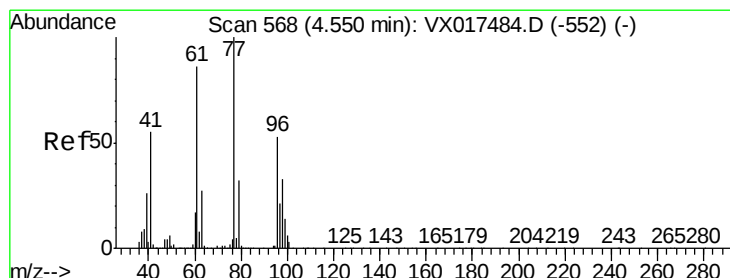
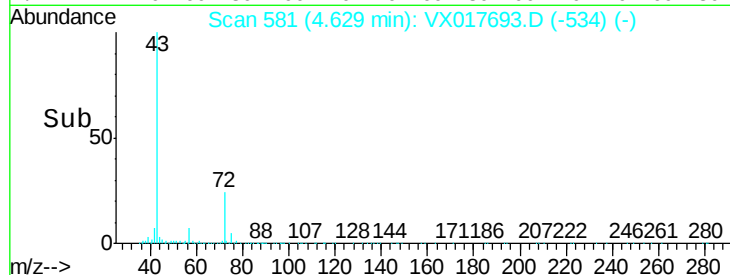
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.670 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017693.D

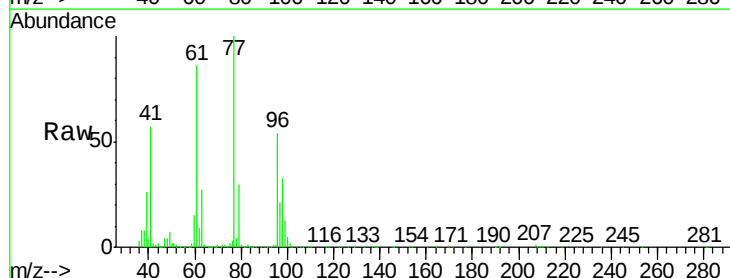
Acq: 31 Jul 2020 11:57

Tgt Ion: 77 Resp: 186469

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

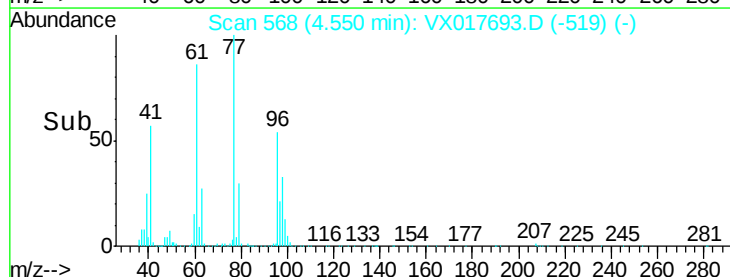
60000

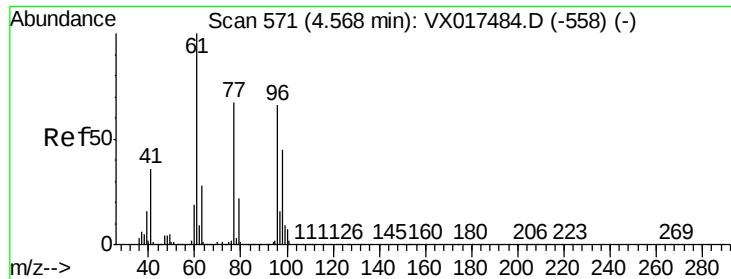
40000

20000

0

Time-->





#27

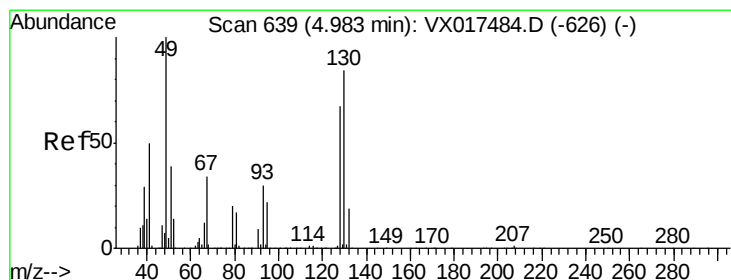
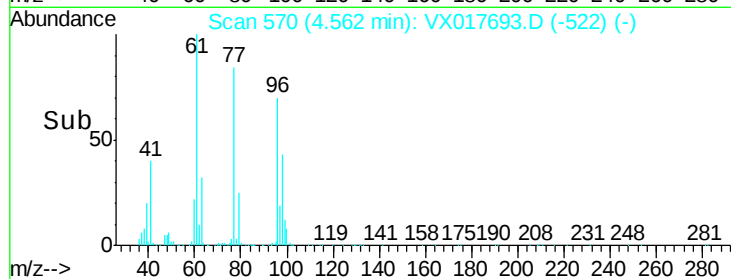
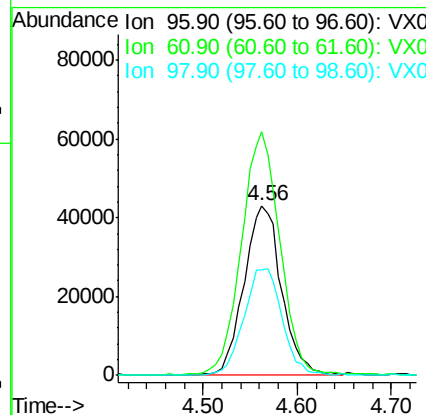
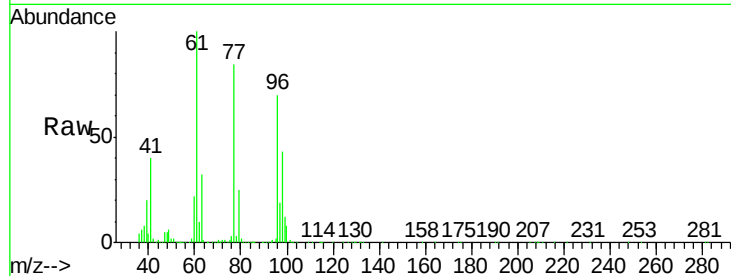
cis-1,2-Dichloroethene
Concen: 18.579 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	119039		
61	147.7	0.0	301.2	
98	64.8	0.0	130.0	

Manual Integrations
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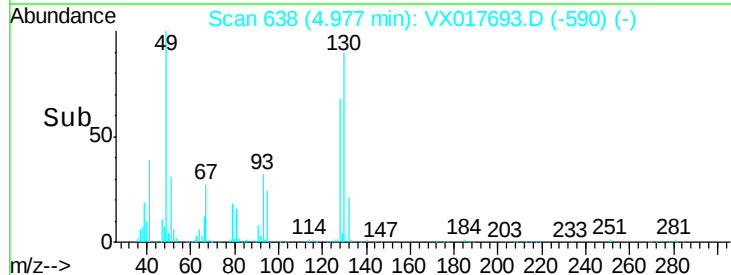
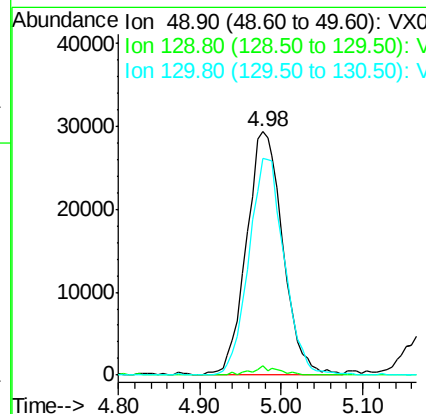
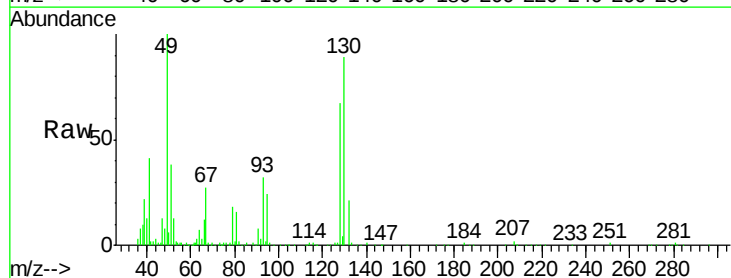
MMDadoda
8/3/2020 5:02:25 PM

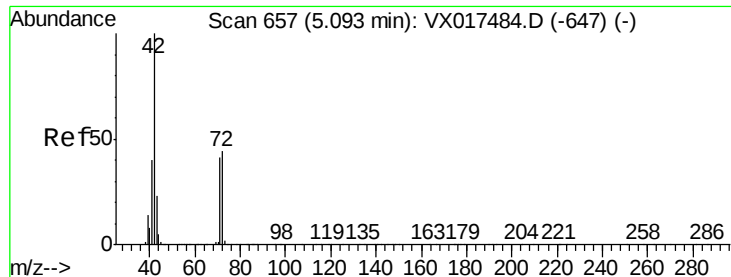


#28

Bromochloromethane
Concen: 18.984 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91107		
129	2.6	0.0	4.6	
130	87.1	66.7	100.1	





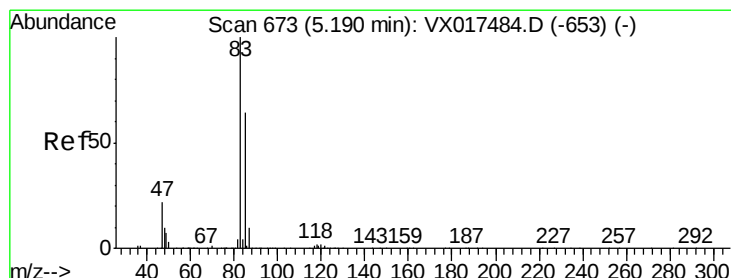
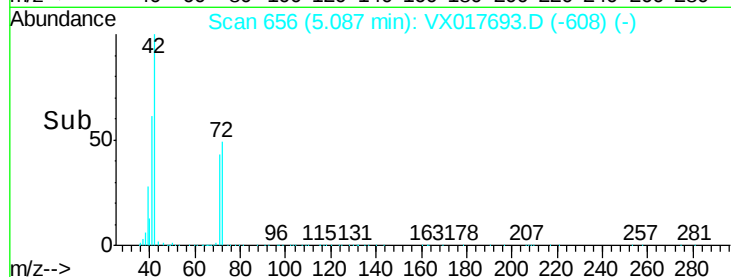
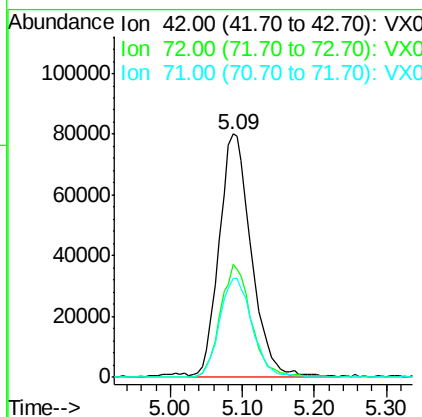
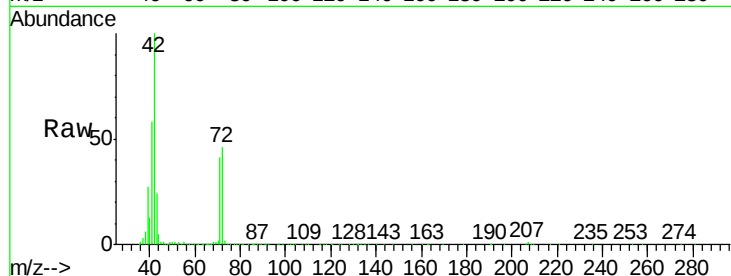
#29
Tetrahydrofuran
Concen: 92.625 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.5	53.3
71	41.4	33.0	49.4

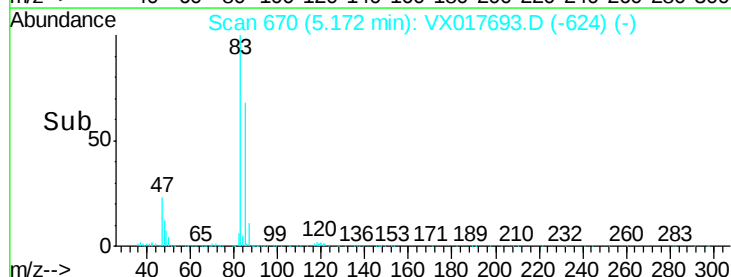
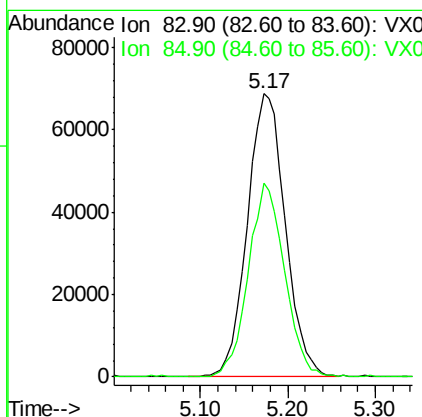
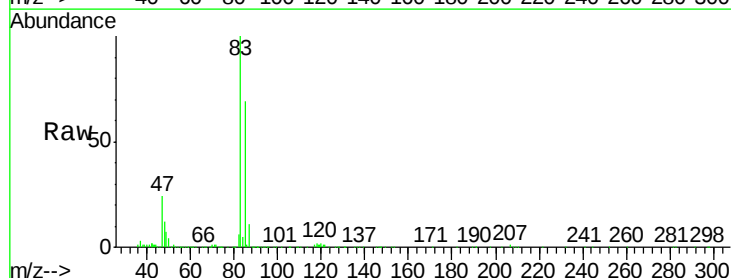
Manual Integrations
APPROVED

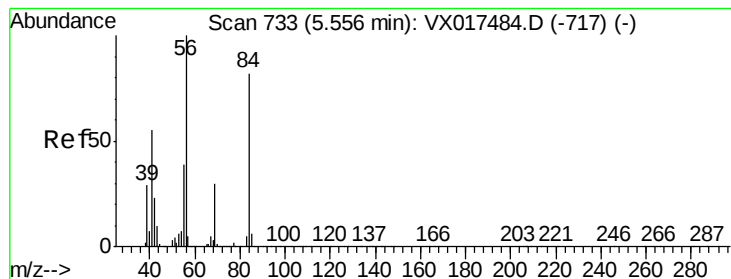
MMDadoda
8/3/2020 5:02:25 PM



#30
Chloroform
Concen: 19.110 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	51.4	77.2





#31

Cyclohexane

Concen: 18.733 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

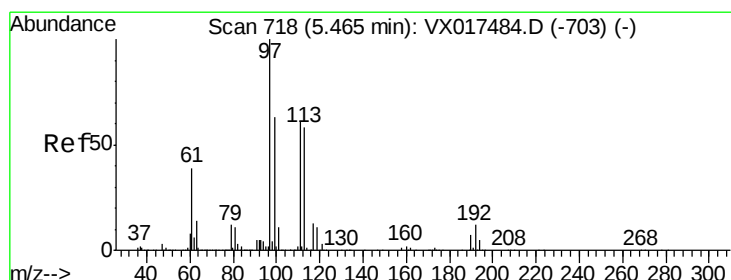
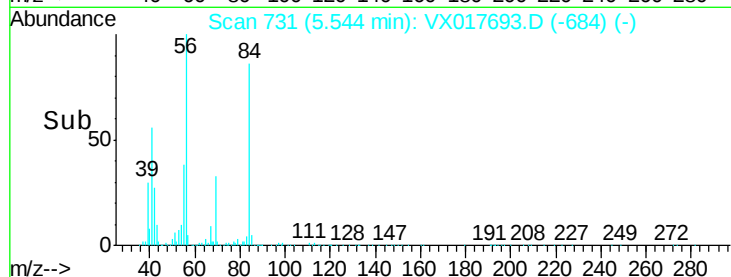
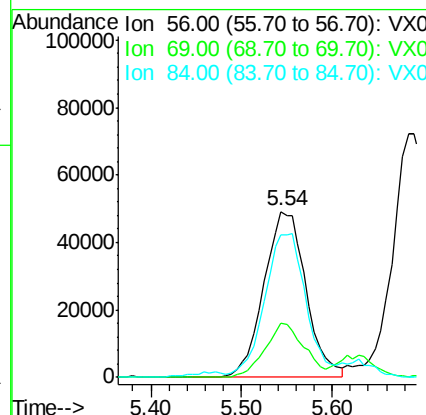
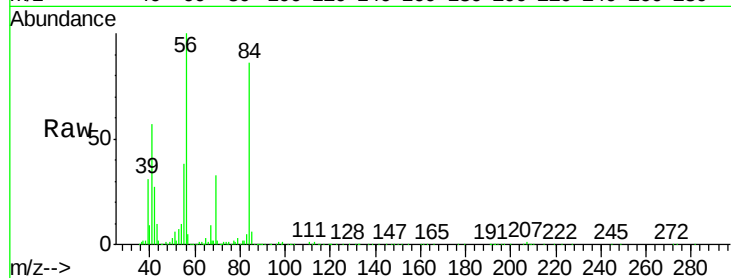
ClientSampleId :

VX0731WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.5	24.2	36.4	
84	84.0	69.0	103.6	

Manual Integrations
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8/3/2020 5:02:25 PM



#32

1,1,1-Trichloroethane

Concen: 19.276 ug/l

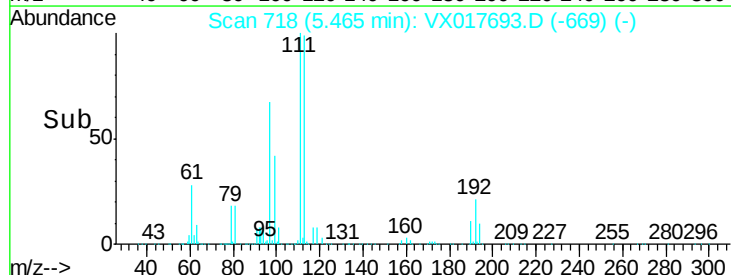
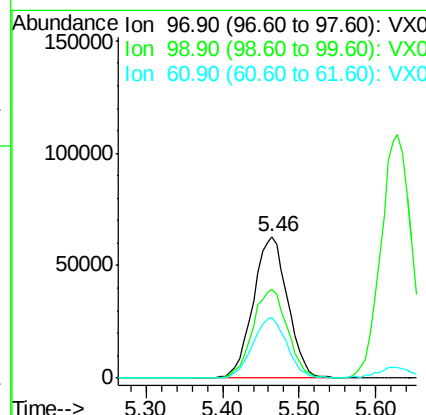
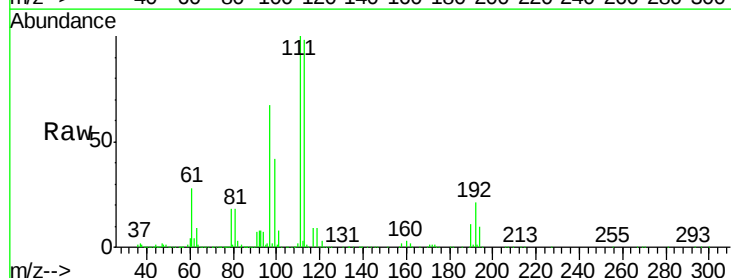
RT: 5.46 min Scan# 718

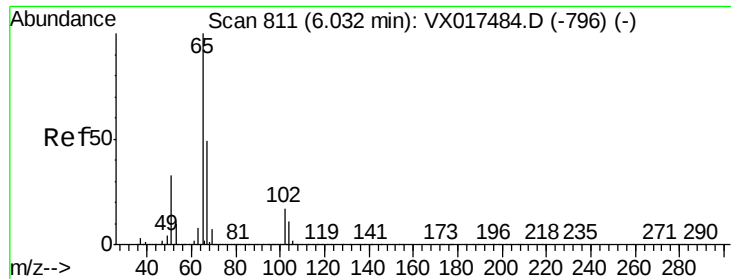
Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.8	51.9	77.9	
61	41.9	34.1	51.1	





#33

1,2-Dichloroethane-d4

Concen: 50.495 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0731WBS01

Tot Ion: 65 Resp: 345791

Ion Ratio Lower Upper

65 100

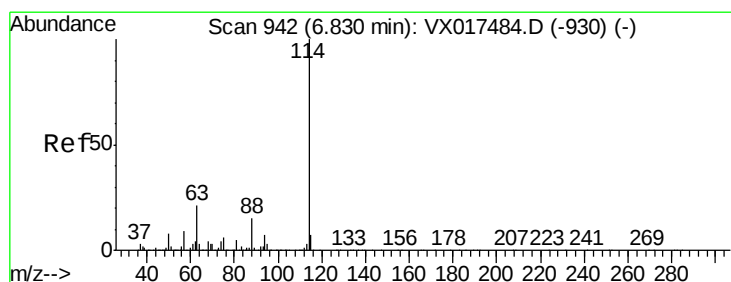
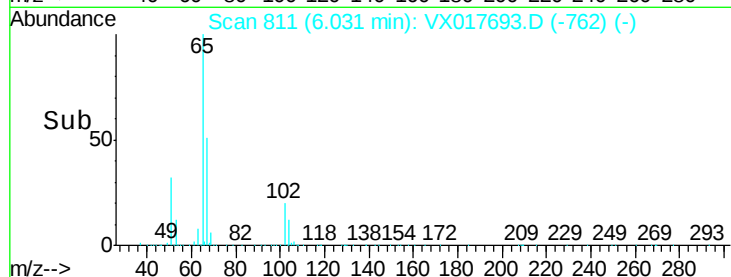
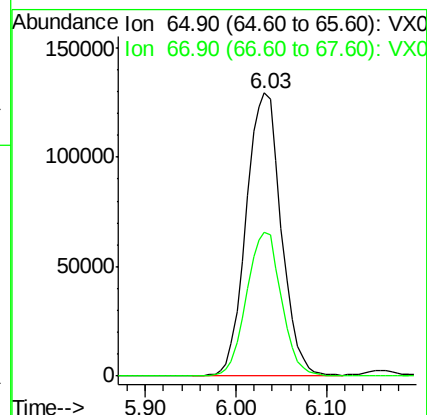
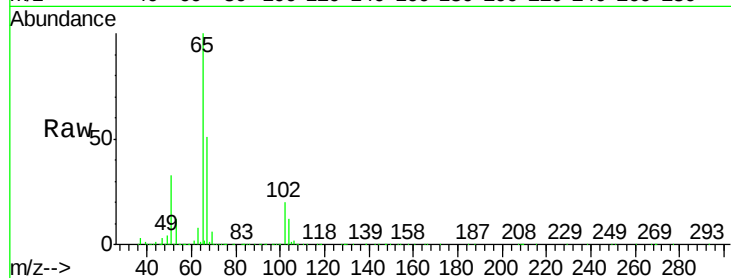
67 50.6 0.0 102.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

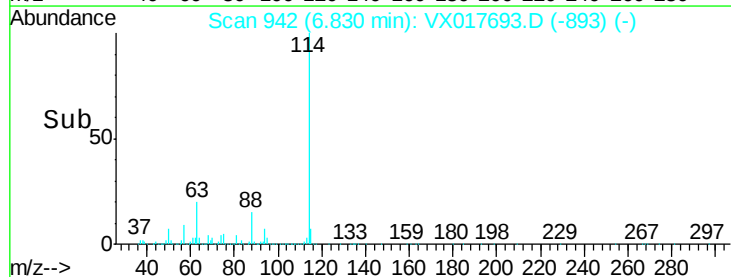
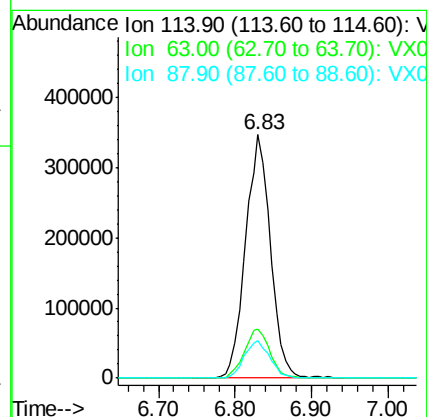
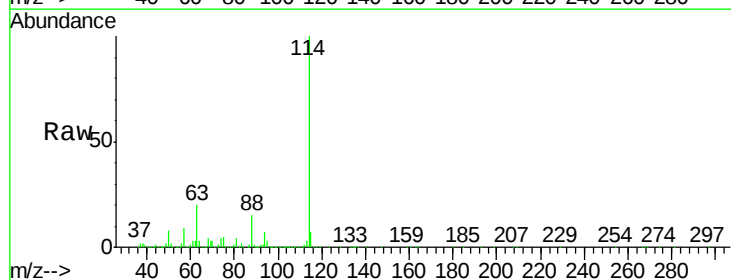
Tgt Ion: 114 Resp: 783705

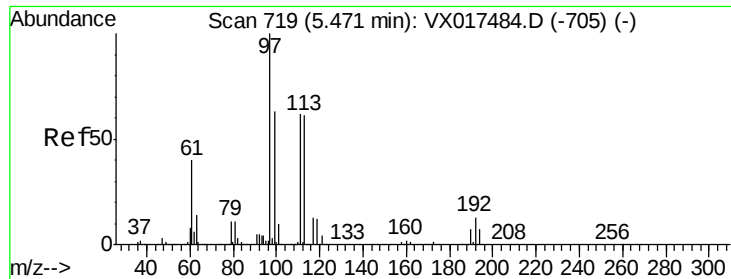
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 15.2 0.0 33.4





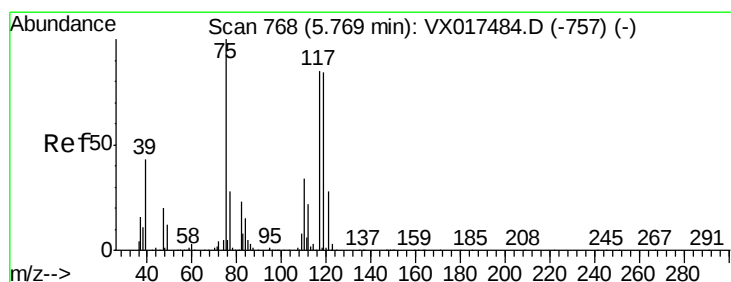
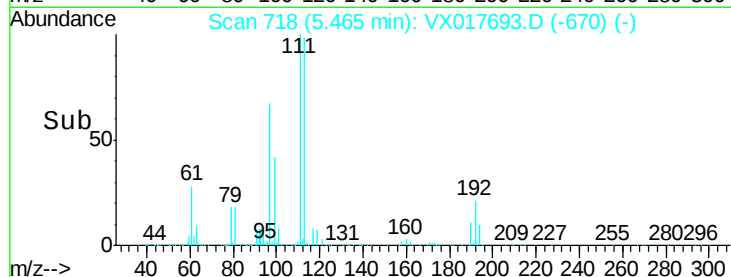
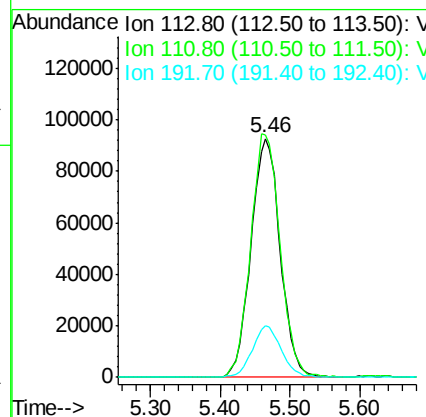
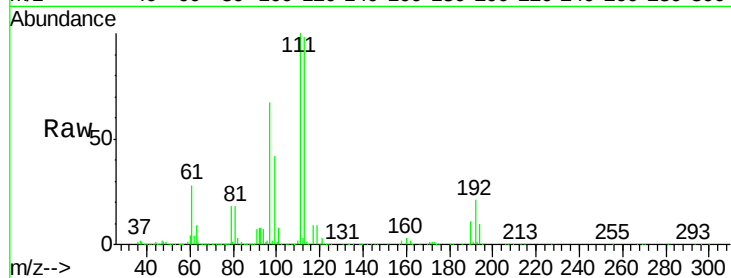
#35
Dibromofluoromethane
Concen: 51.103 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	267854		
111	103.1	80.7	121.1	
192	21.4	16.9	25.3	

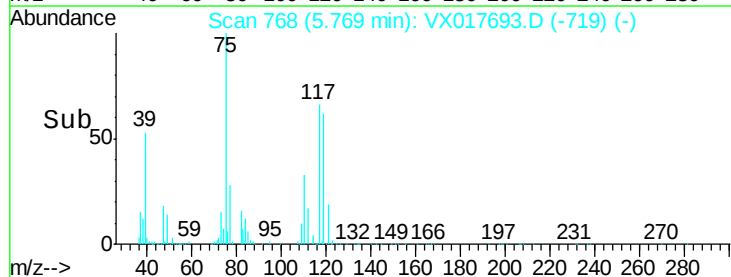
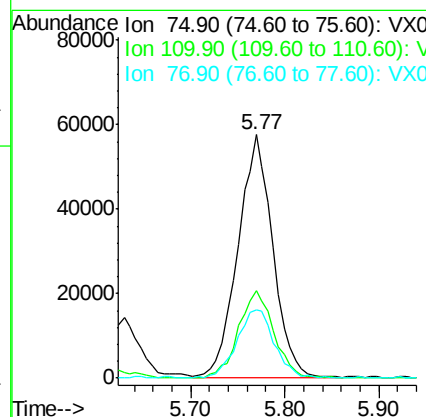
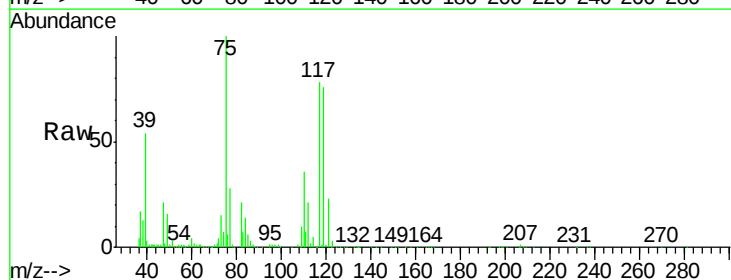
Manual Integrations
APPROVED

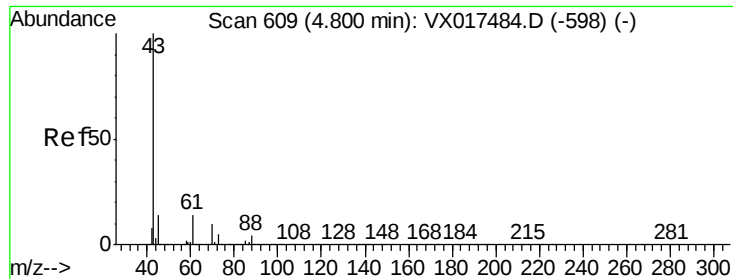
MMDadoda
8/3/2020 5:02:25 PM



#36
1,1-Dichloropropene
Concen: 19.569 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147087		
110	36.9	18.1	54.3	
77	30.0	24.6	37.0	





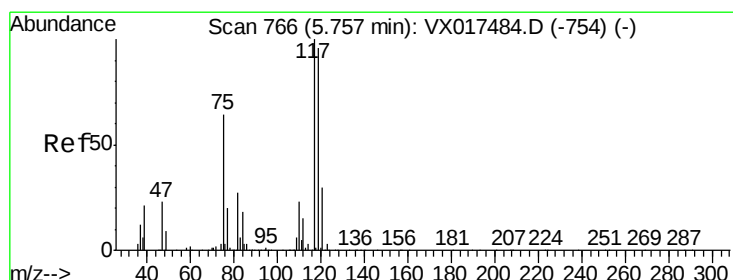
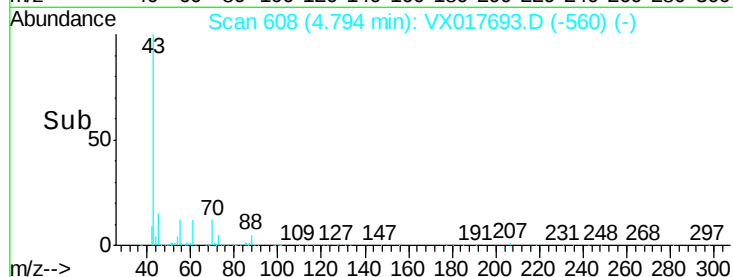
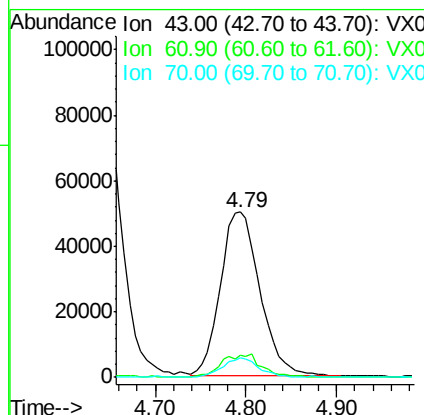
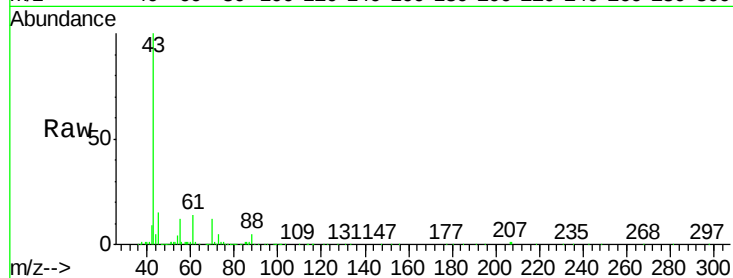
#37
Ethyl Acetate
Concen: 18.370 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.7	16.1
70	11.0	8.5	12.7

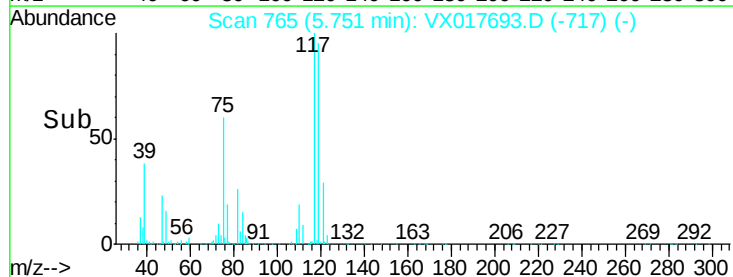
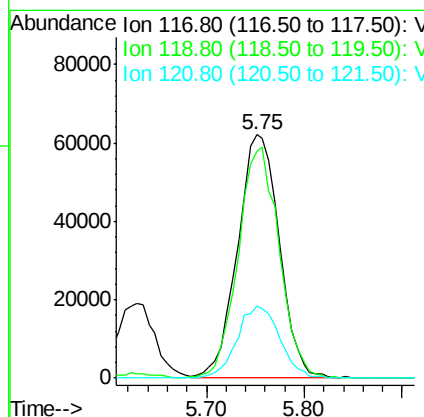
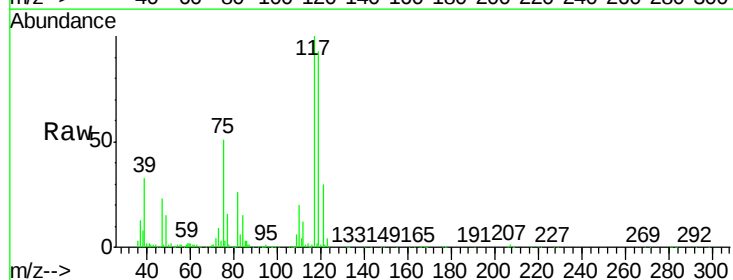
Manual Integrations
APPROVED

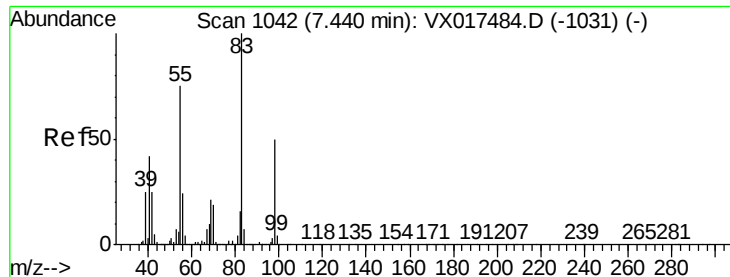
MMDadoda
8/3/2020 5:02:25 PM



#38
Carbon Tetrachloride
Concen: 20.092 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.4	113.0
121	29.7	24.3	36.5





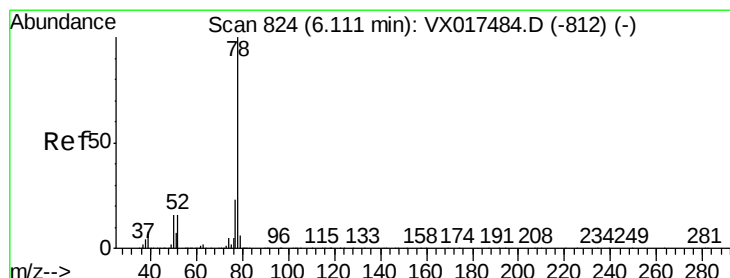
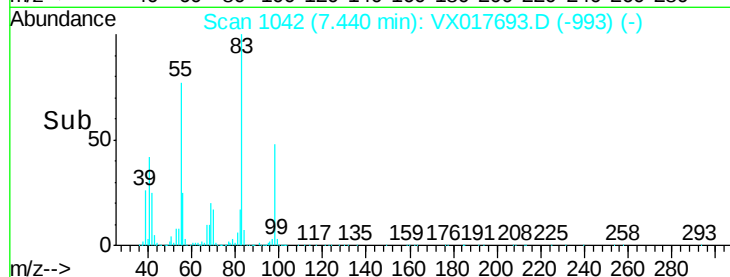
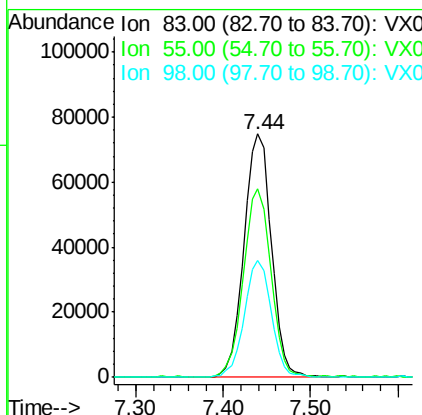
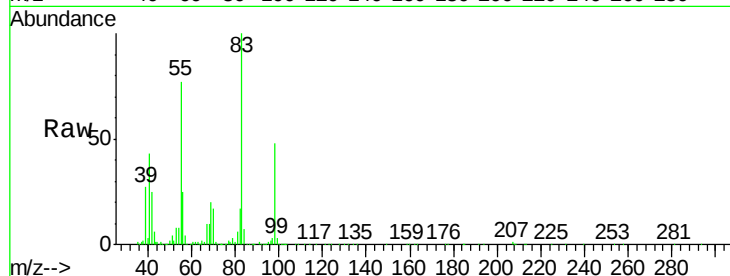
#39
Methvlcvclohexane
Concen: 18.614 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.8	92.8
98	47.9	36.9	55.3

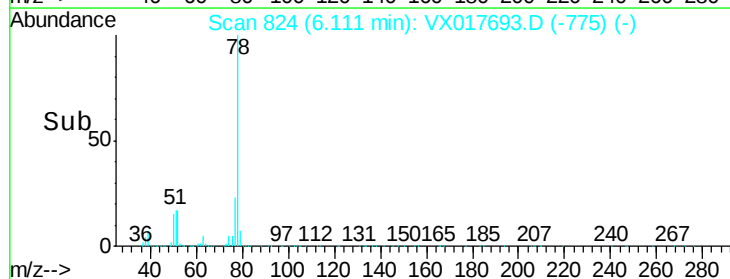
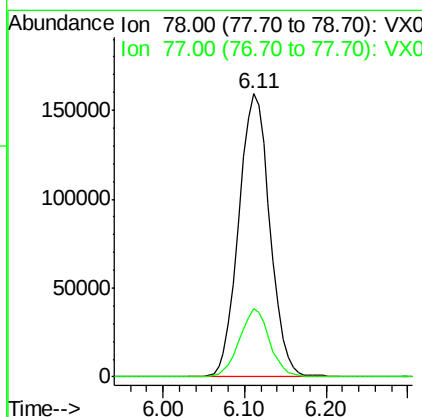
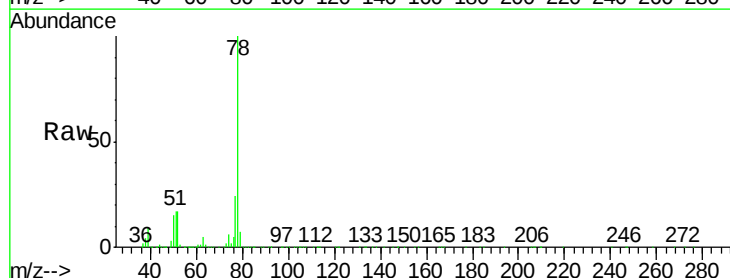
Manual Integrations
APPROVED

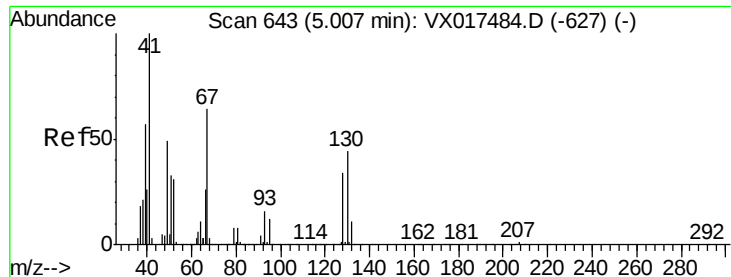
MMDadoda
8/3/2020 5:02:25 PM



#40
Benzene
Concen: 19.501 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2





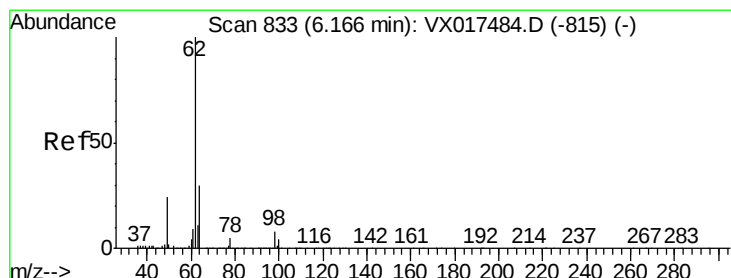
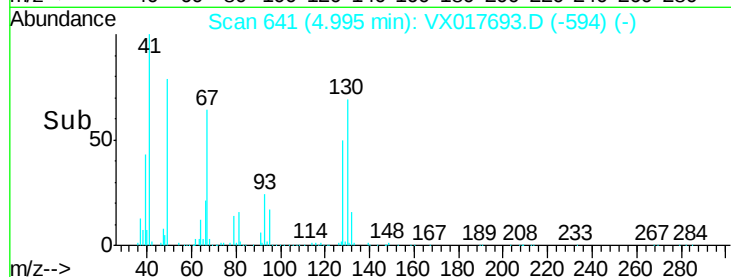
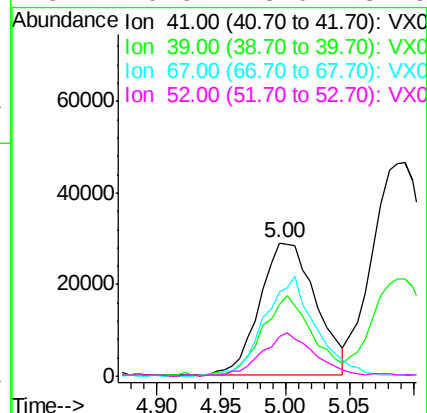
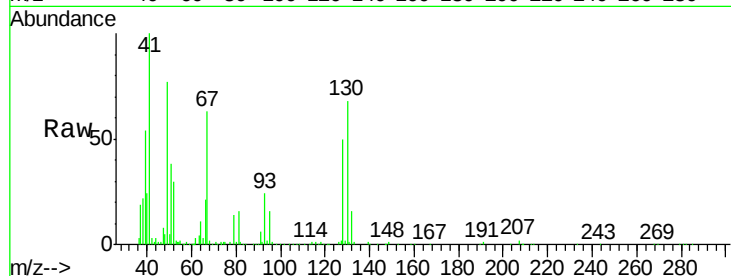
#41
Methacrylonitrile
Concen: 18.652 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	43.9	65.9	
67	69.2	54.0	81.0	
52	29.6	23.0	34.6	

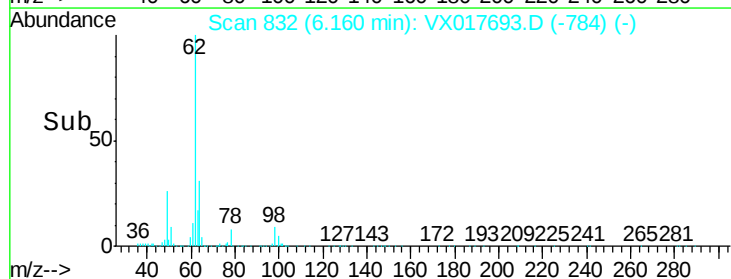
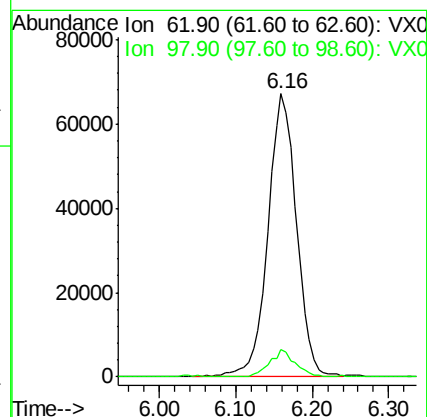
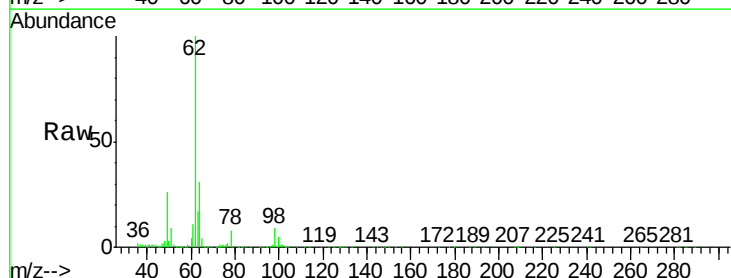
Manual Integrations
APPROVED

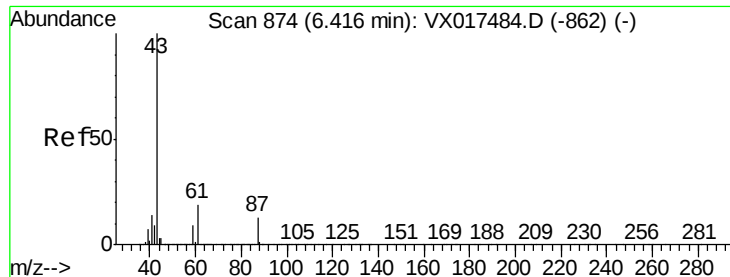
MMDadoda
8/3/2020 5:02:25 PM



#42
1,2-Dichloroethane
Concen: 19.801 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	16.0	





#43

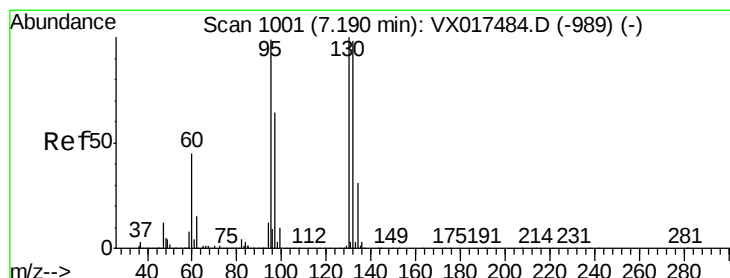
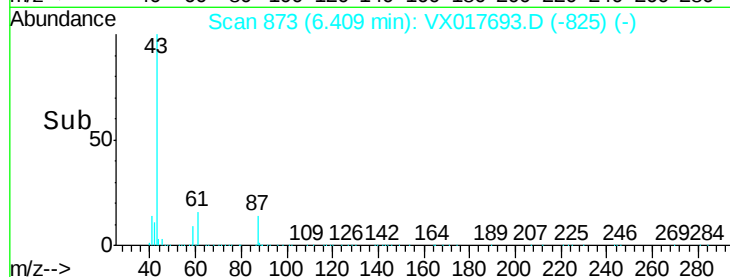
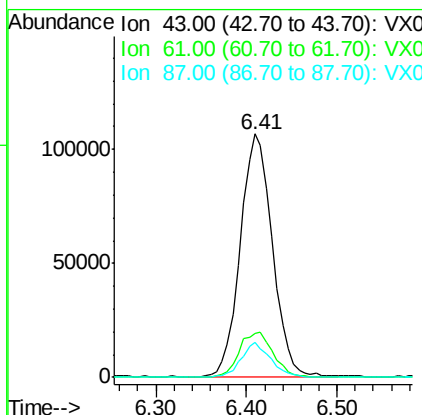
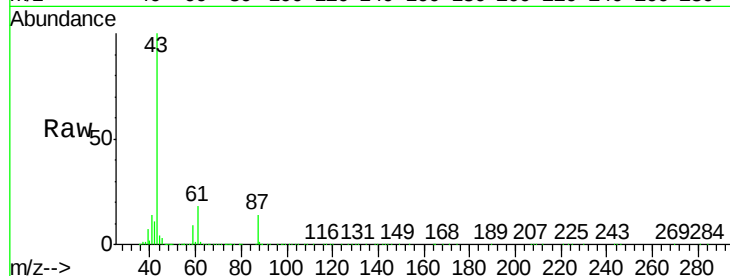
Isopropyl Acetate
 Concen: 19.288 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.5	23.3
87	13.2	10.5	15.7

Manual Integrations
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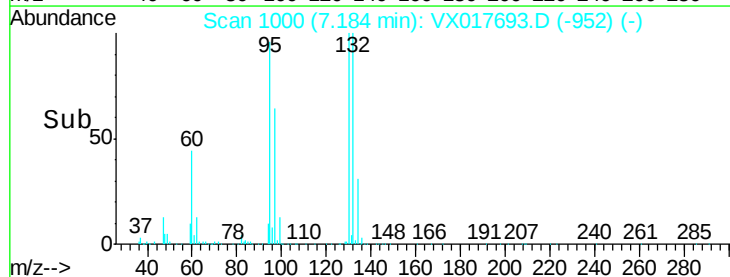
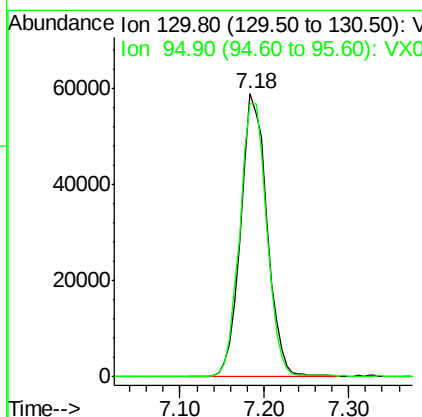
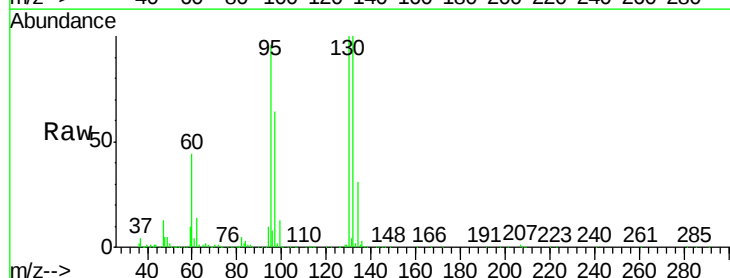
MMDadoda
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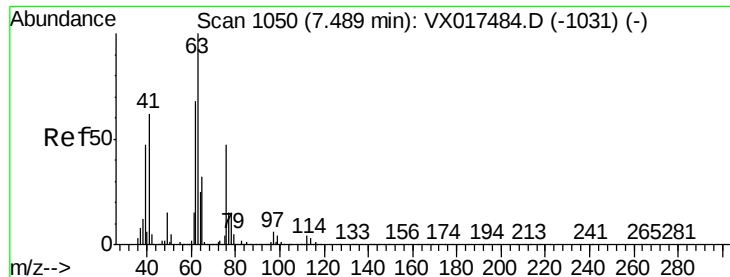


#44

Trichloroethene
 Concen: 19.678 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	189.0





#45

1,2-Dichloropropane

Concen: 19.030 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 63 Resp: 113679

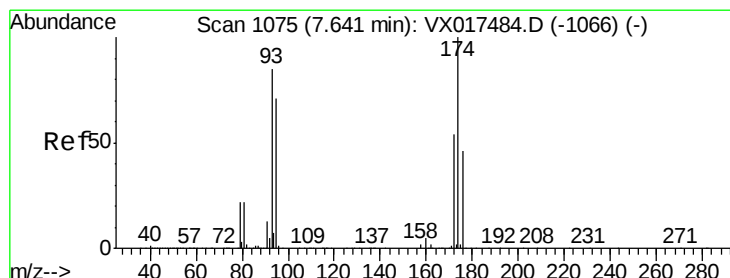
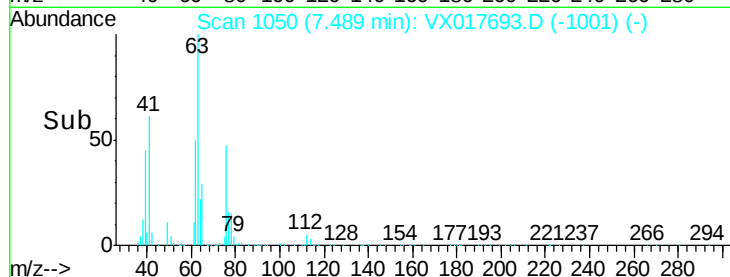
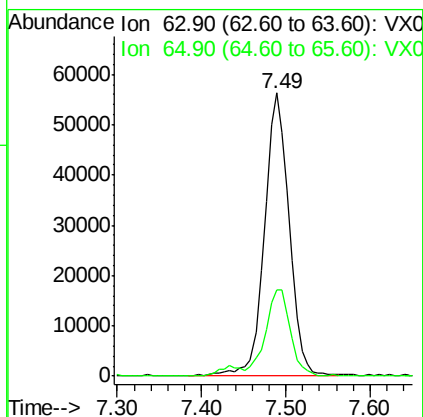
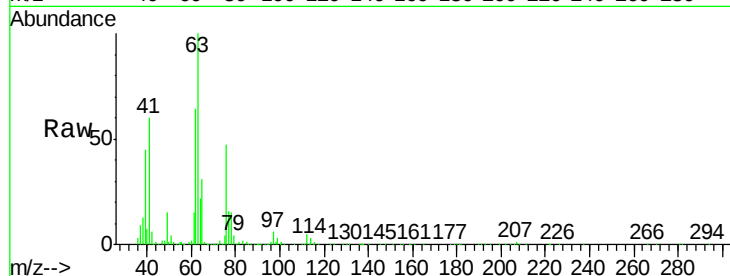
Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7

Manual Integrations
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#46

Dibromomethane

Concen: 19.051 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

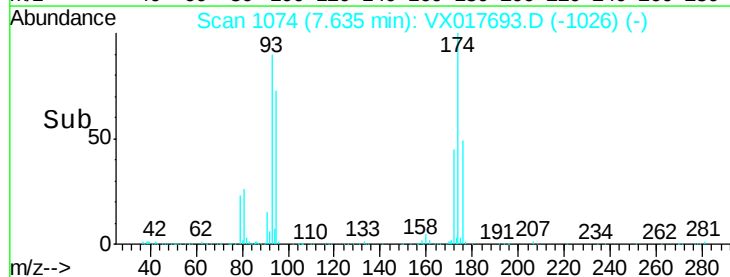
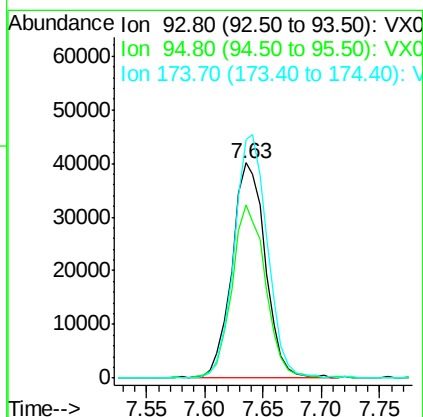
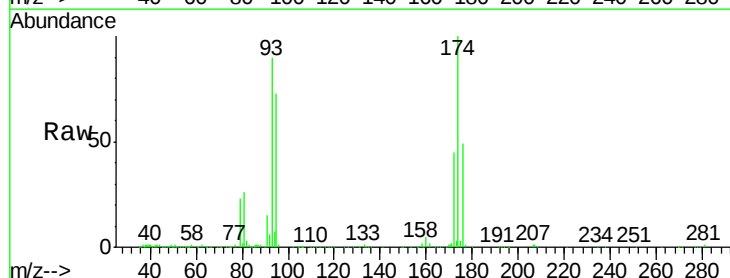
Tgt Ion: 93 Resp: 80430

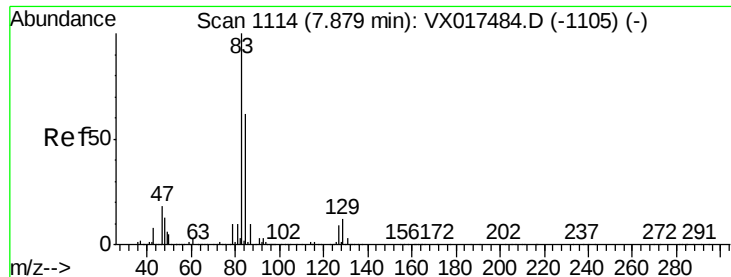
Ion Ratio Lower Upper

93 100

95 79.4 66.6 99.8

174 112.1 87.0 130.6





#47

Bromodichloromethane

Concen: 20.981 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

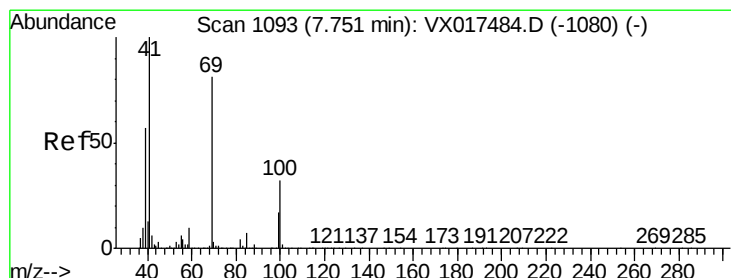
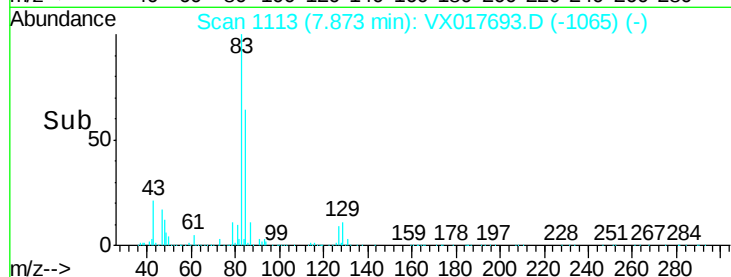
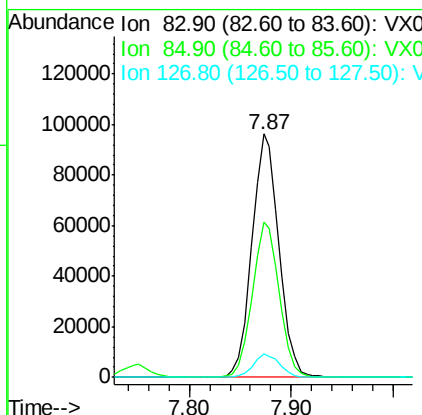
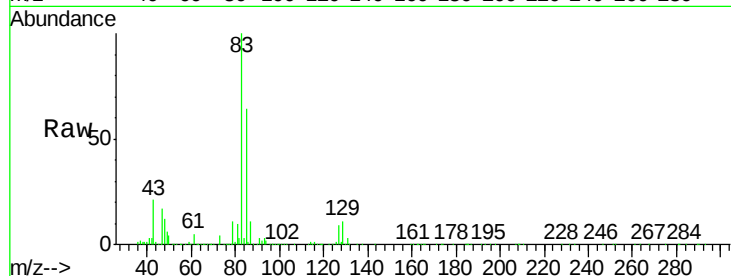
ClientSampleId :

VX0731WBS01

Tot Ion:	83	Resp:	178229
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8
127	9.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.946 ug/l

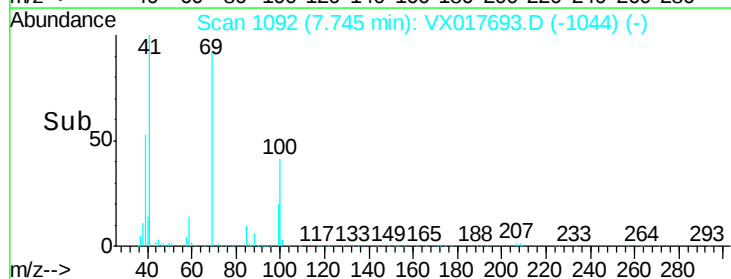
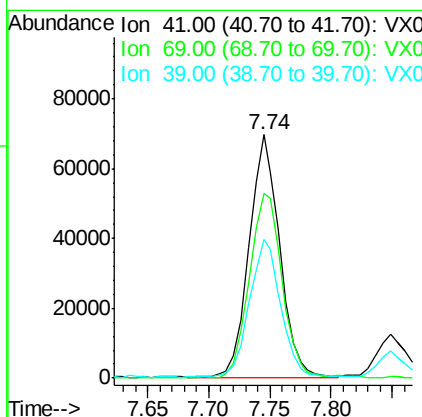
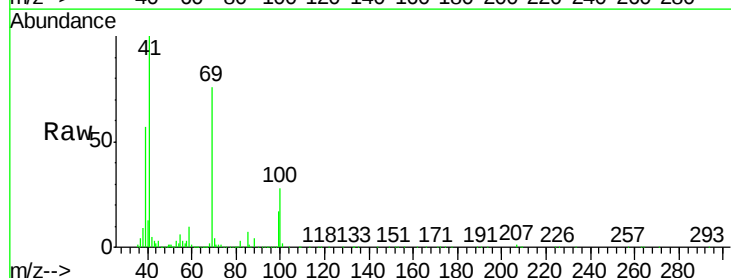
RT: 7.74 min Scan# 1092

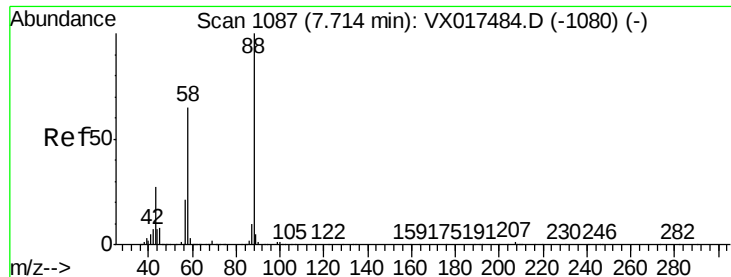
Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	41	Resp:	120710
Ion	Ratio	Lower	Upper
41	100		
69	81.2	63.1	94.7
39	58.8	45.1	67.7





#49

1,4-Dioxane

Concen: 375.566 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

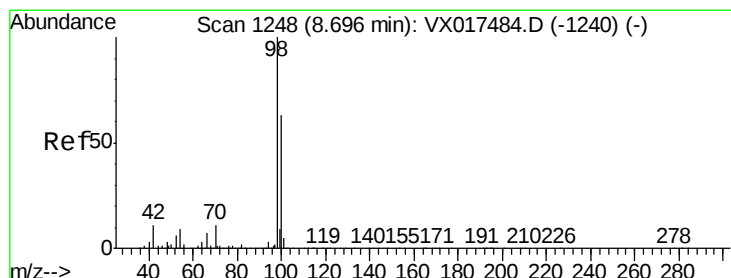
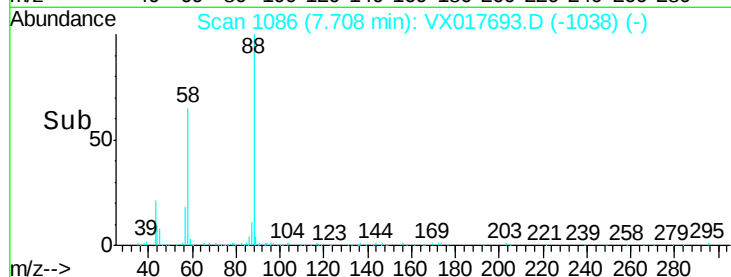
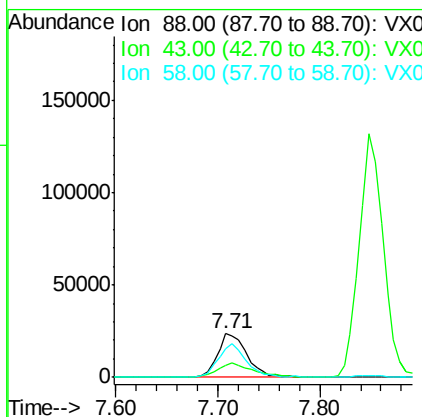
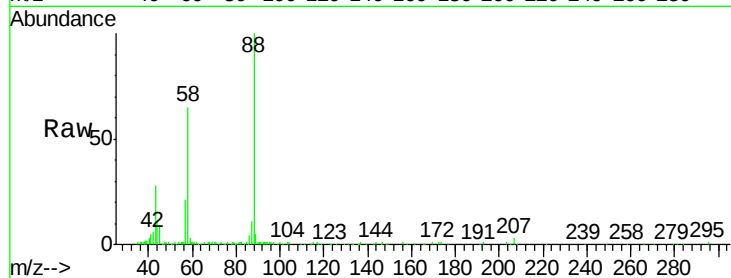
ClientSampleId :

VX0731WBS01

Tot Ion:	88	Resp:	48432
Ion Ratio	Lower	Upper	
88	100		
43	40.9	27.8	41.6
58	69.5	58.3	87.5

Manual Integrations
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#50

Toluene-d8

Concen: 51.684 ug/l

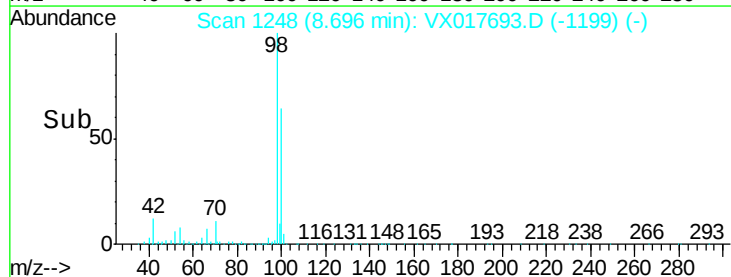
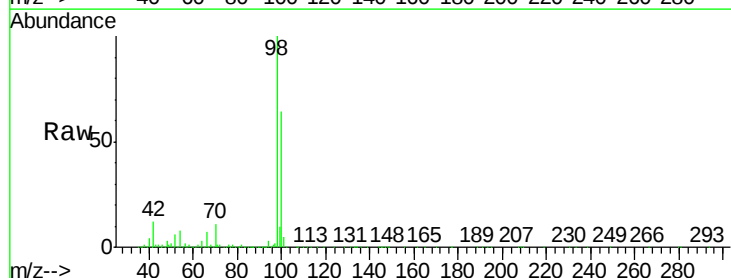
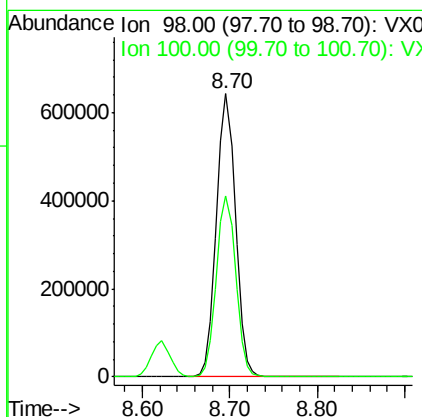
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	98	Resp:	977270
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 101.380 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 43 Resp: 820803

Ion Ratio Lower Upper

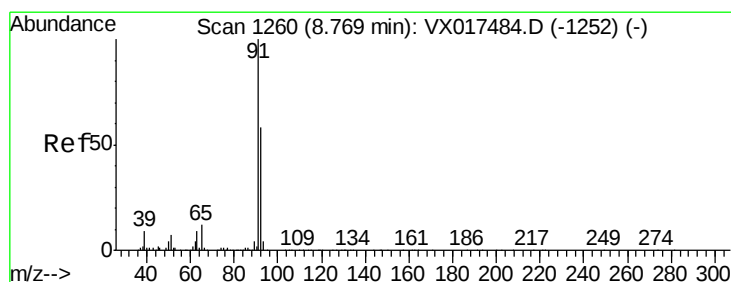
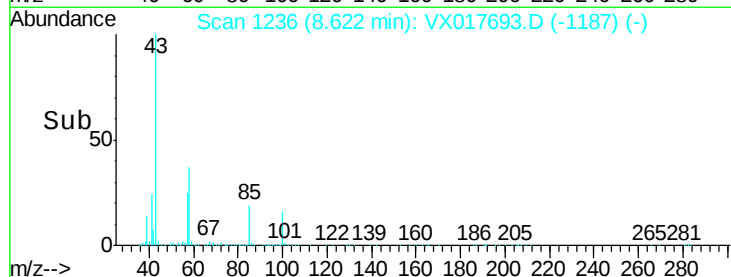
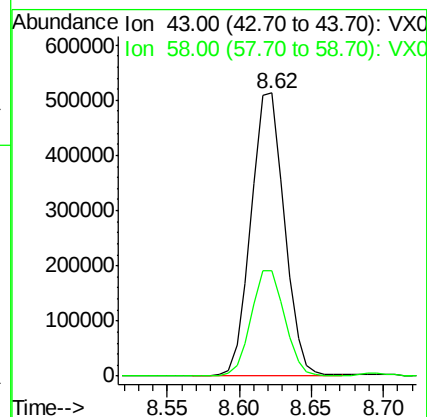
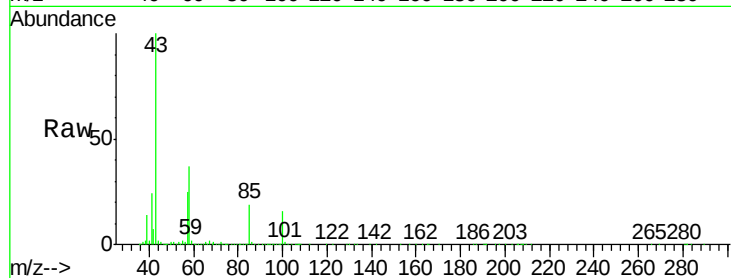
43 100

58 37.6 31.0 46.4

Manual Integrations
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#52

Toluene

Concen: 20.367 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017693.D

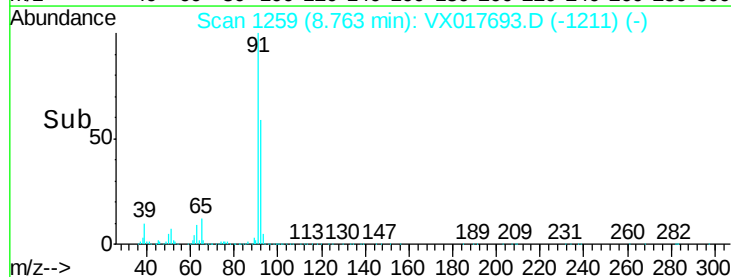
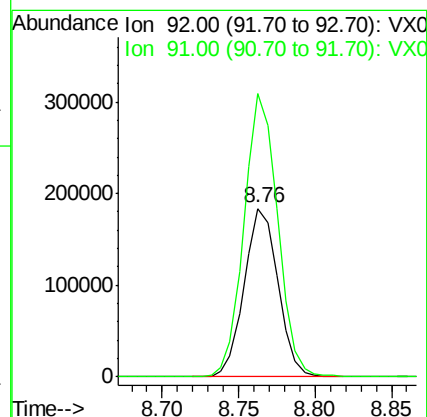
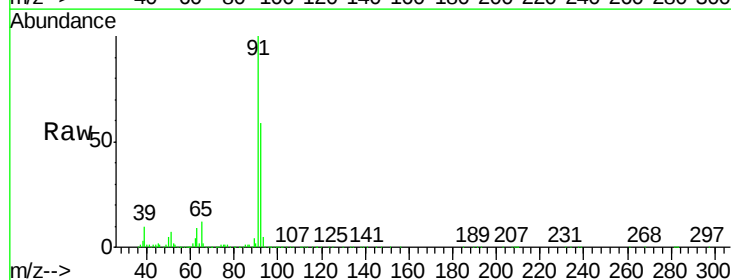
Acq: 31 Jul 2020 11:57

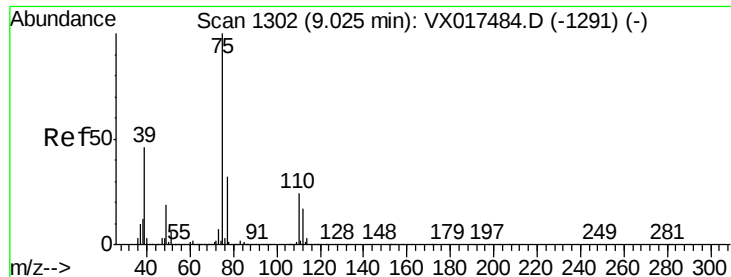
Tgt Ion: 92 Resp: 281468

Ion Ratio Lower Upper

92 100

91 167.9 137.6 206.4





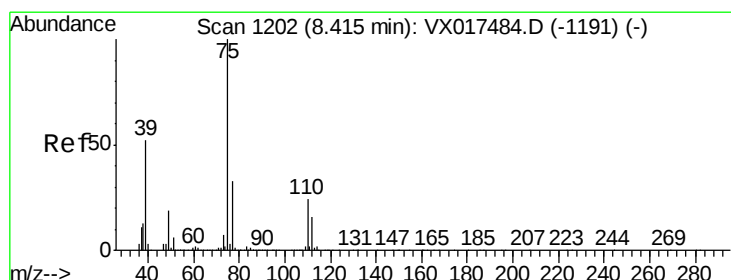
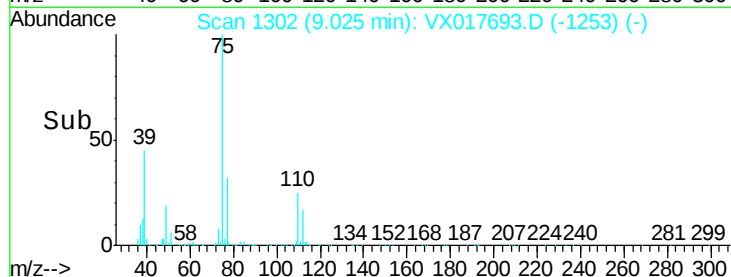
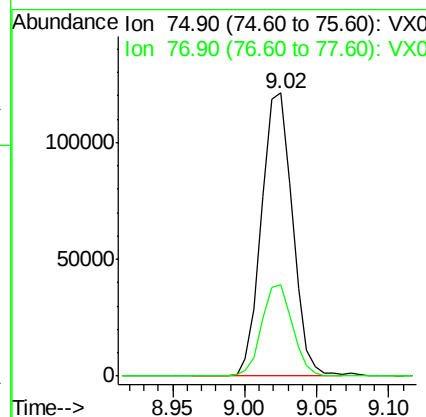
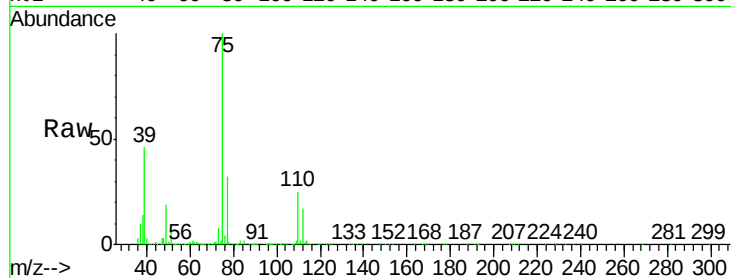
#53
t-1,3-Dichloropropene
Concen: 18.873 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3

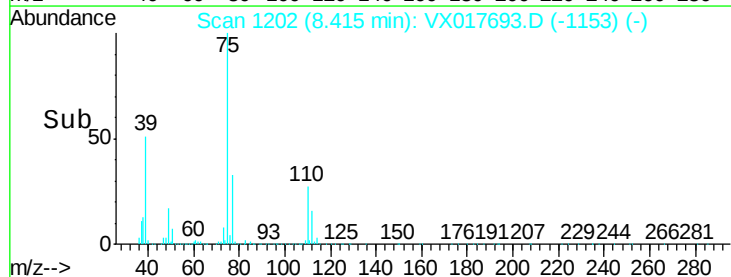
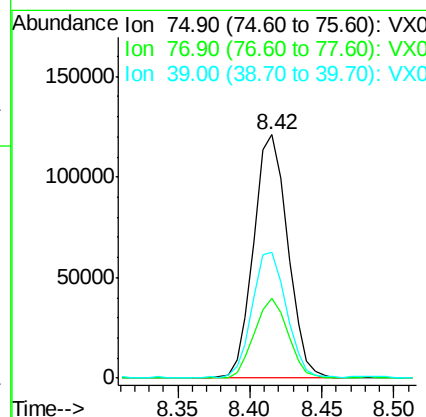
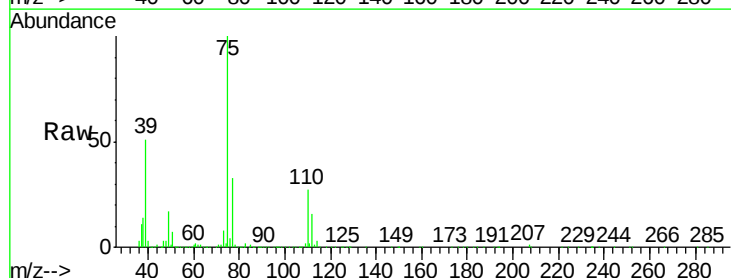
Manual Integrations
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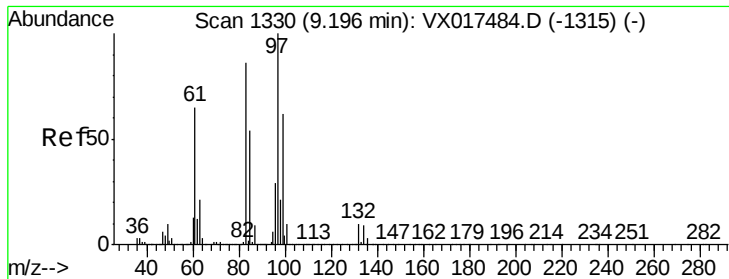
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#54
cis-1,3-Dichloropropene
Concen: 20.406 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3
39	51.4	41.8	62.8





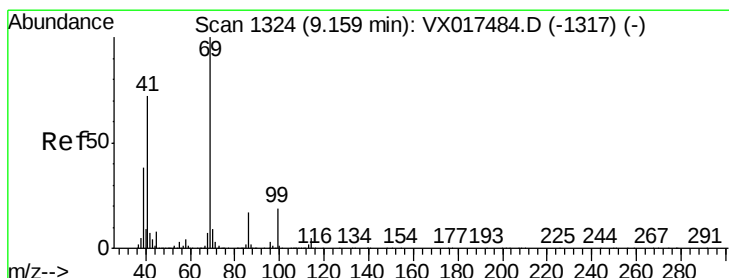
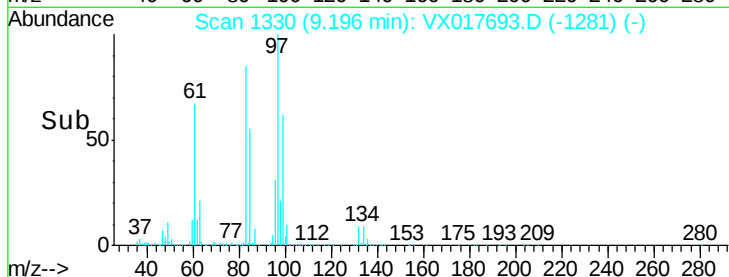
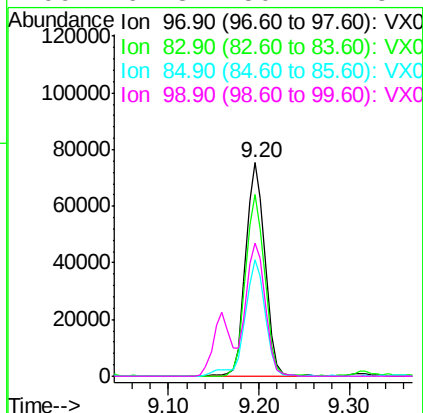
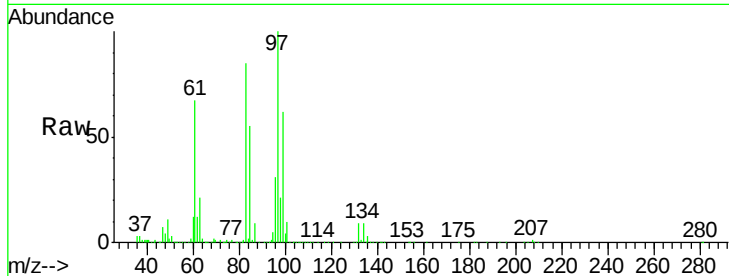
#55
 1,1,2-Trichloroethane
 Concen: 19.409 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.6	101.4
85	54.8	44.6	67.0
99	62.3	50.2	75.4

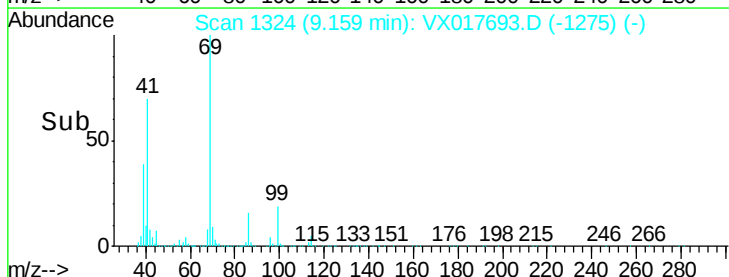
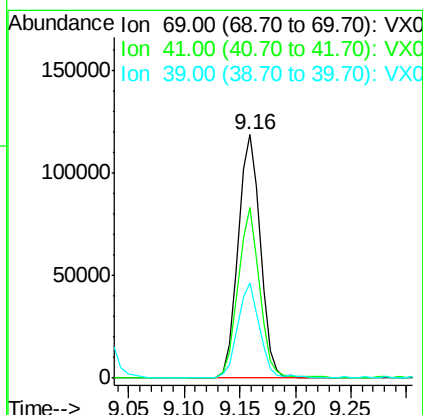
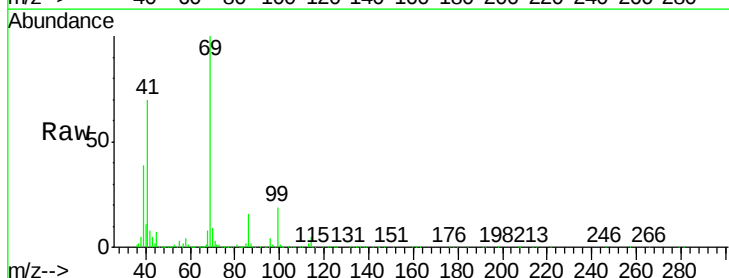
Manual Integrations
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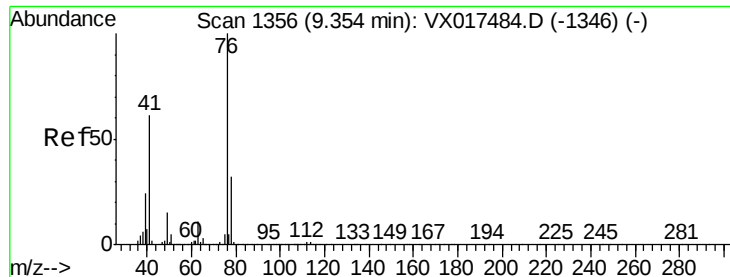
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#56
 Ethyl methacrylate
 Concen: 18.946 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.4	55.0	82.6
39	38.0	30.0	45.0





#57

1,3-Dichloropropane

Concen: 19.295 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0731WBS01

Tot Ion: 76 Resp: 182914

Ion Ratio Lower Upper

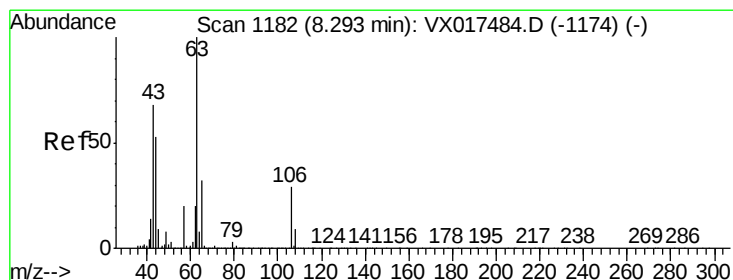
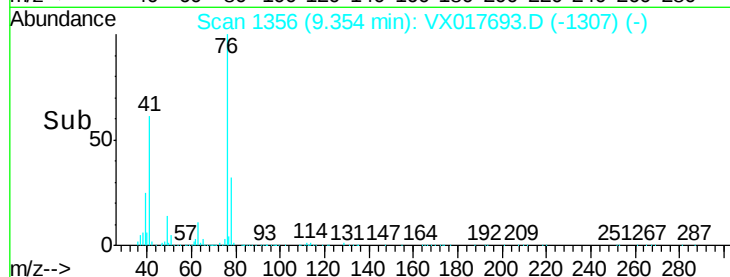
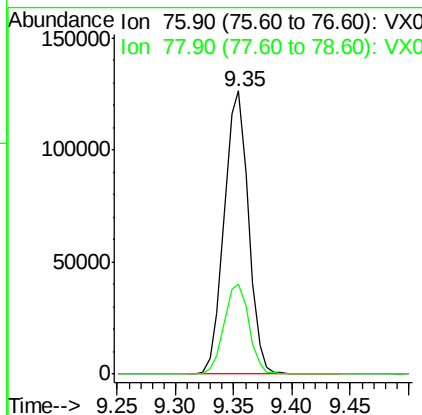
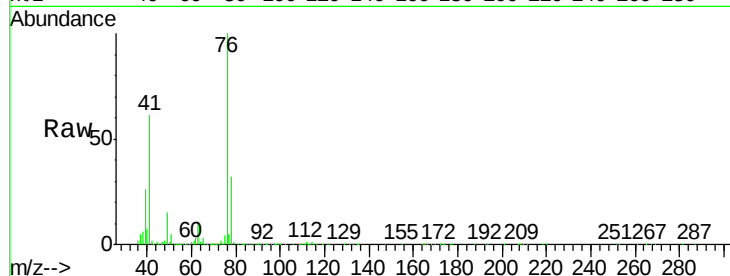
76 100

78 32.7 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 91.743 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017693.D

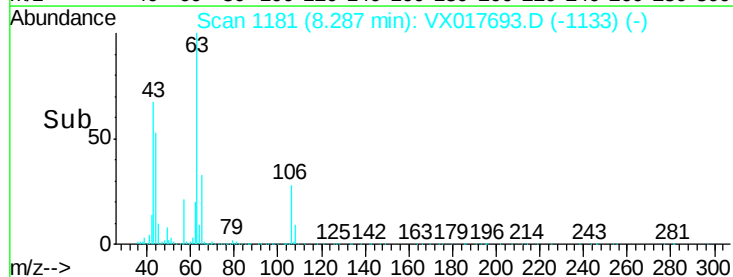
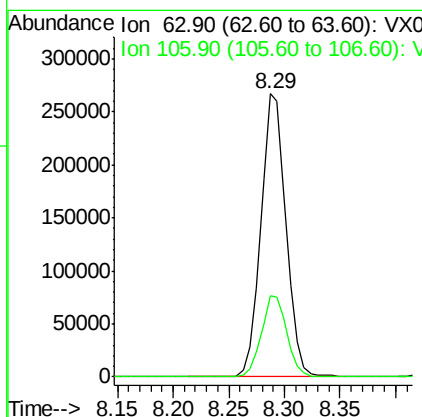
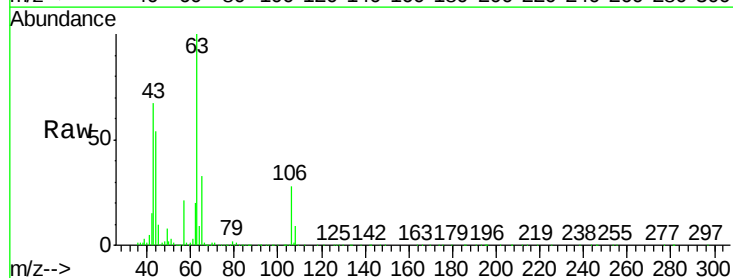
Acq: 31 Jul 2020 11:57

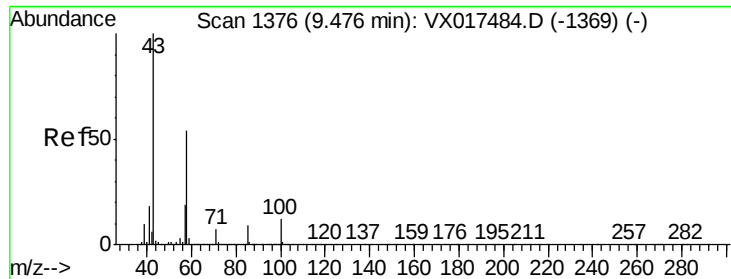
Tgt Ion: 63 Resp: 419225

Ion Ratio Lower Upper

63 100

106 29.1 22.6 34.0





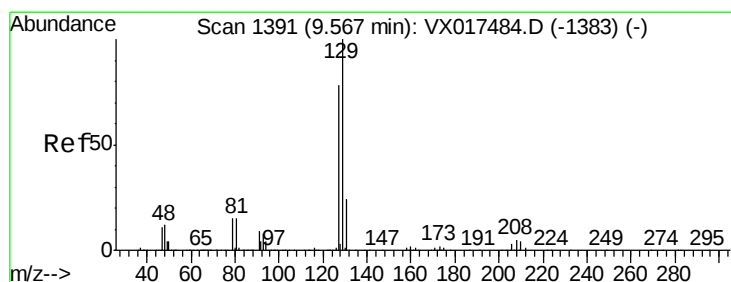
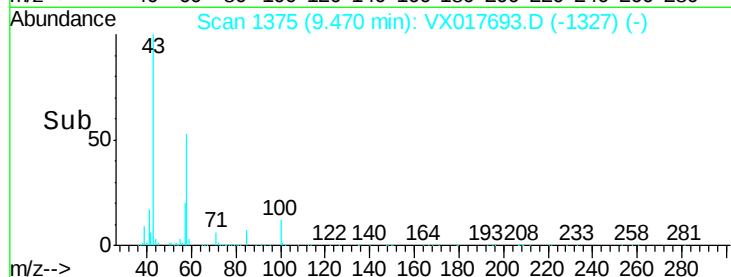
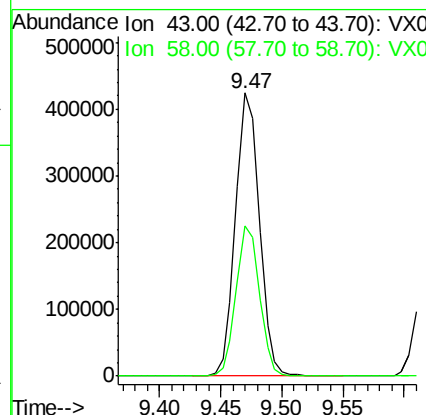
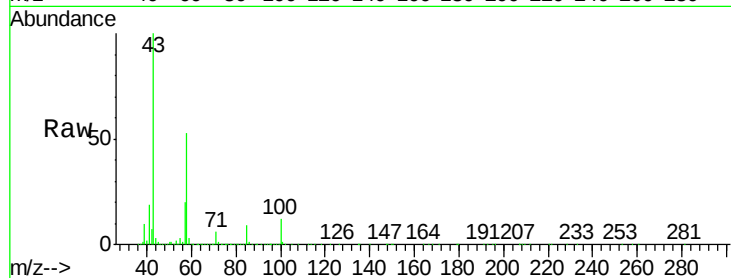
#59
2-Hexanone
Concen: 94.070 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion: 43 Resp: 573414
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.8

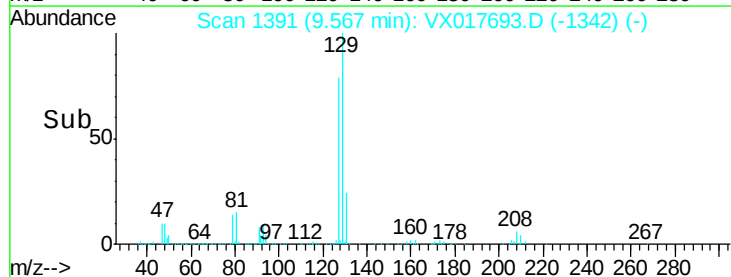
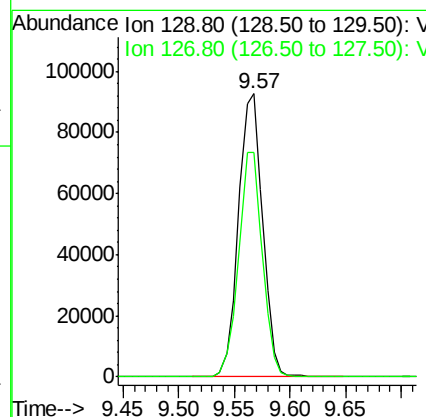
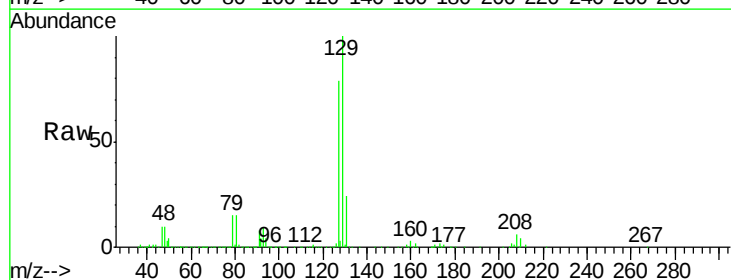
Manual Integrations
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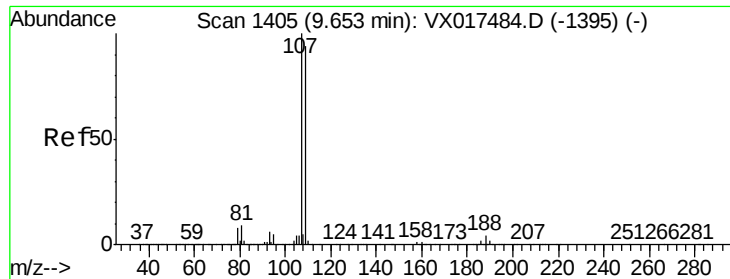
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8/3/2020 5:02:25 PM



#60
Dibromochloromethane
Concen: 19.036 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion: 129 Resp: 139290
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1





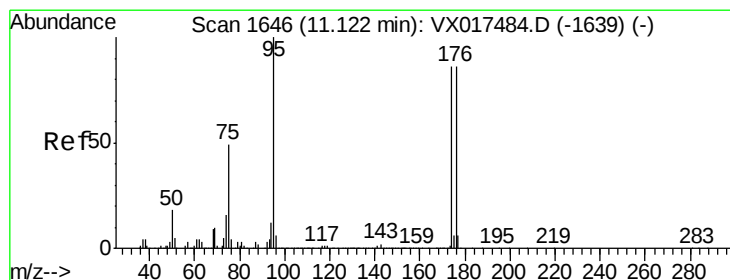
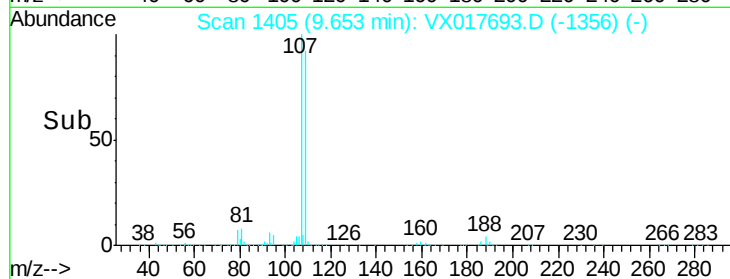
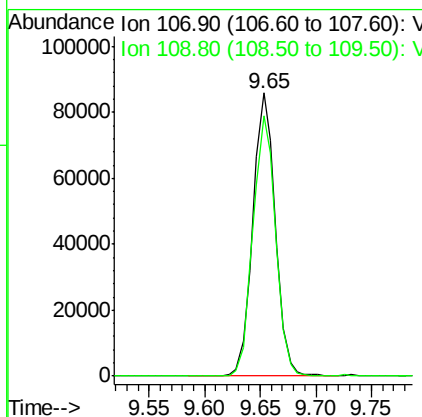
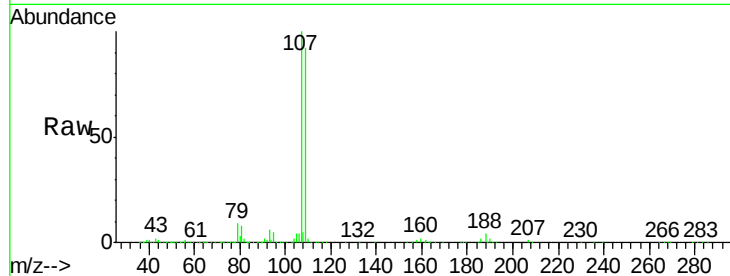
#61
 1,2-Dibromoethane
 Concen: 19.676 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	120598		
109	93.4	74.9	112.3	

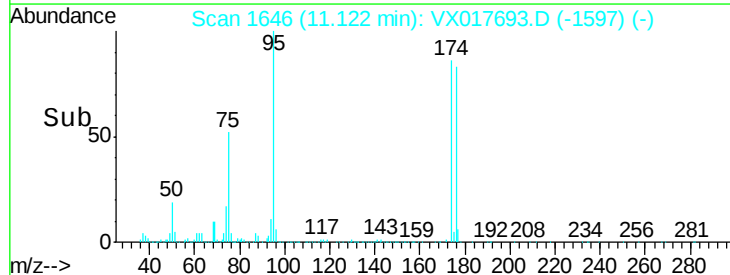
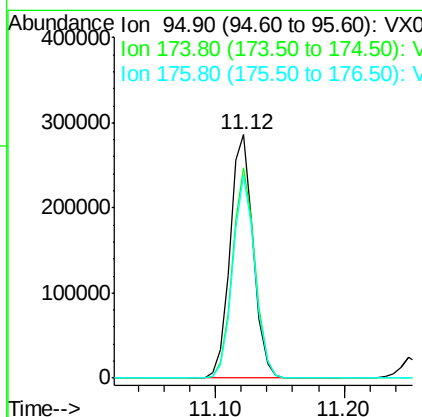
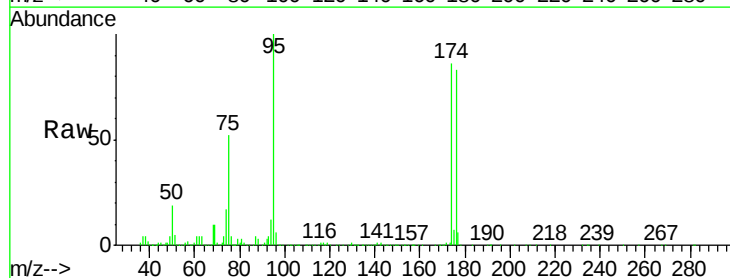
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#62
 4-Bromofluorobenzene
 Concen: 47.563 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	359918		
174	84.0	0.0	169.0	
176	80.1	0.0	161.0	





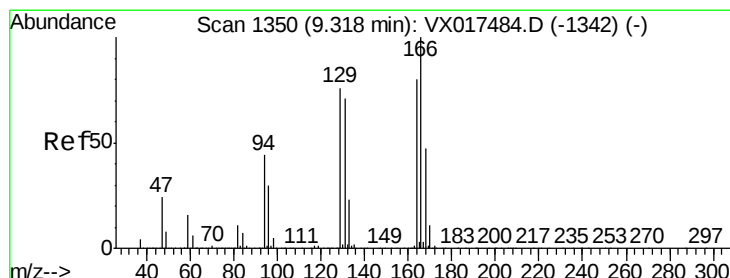
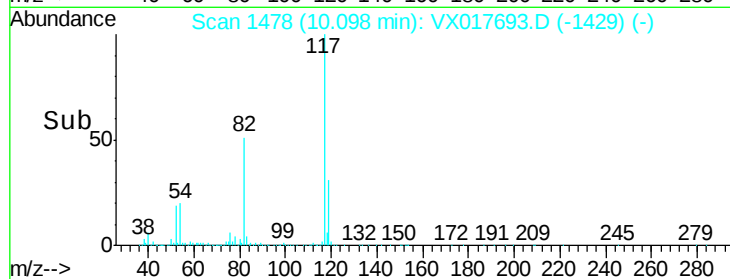
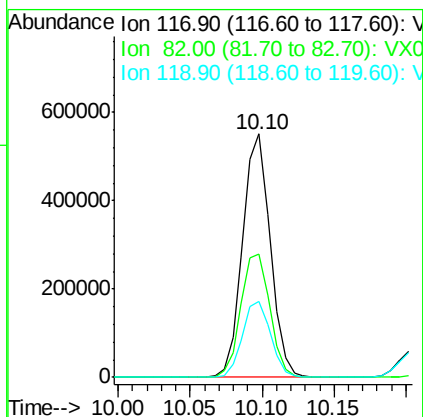
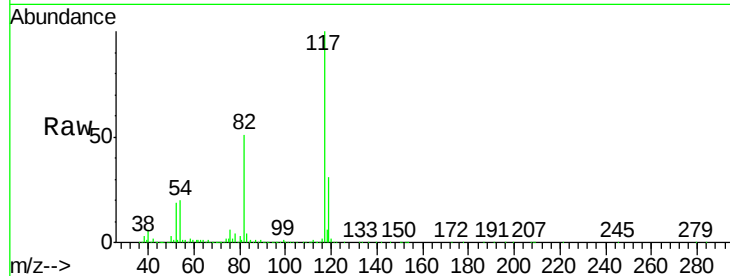
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	50.8	44.0	66.0
119	31.4	25.4	38.0

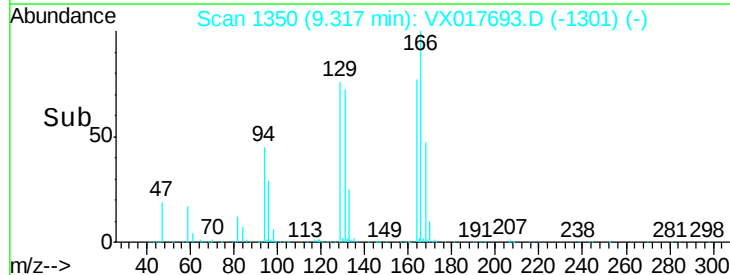
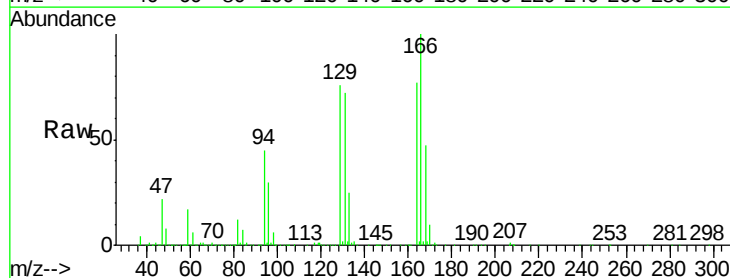
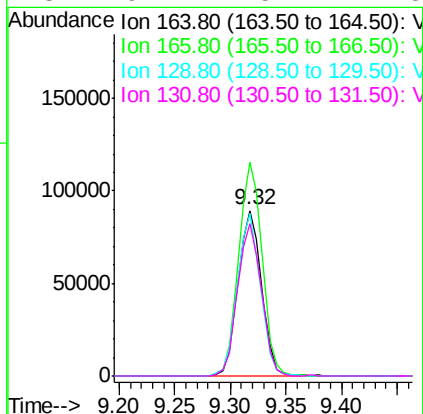
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#64
Tetrachloroethene
Concen: 19.929 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.0	100.6	150.8
129	98.4	75.0	112.6
131	92.4	75.2	112.8





#65

Chlorobenzene

Concen: 18.581 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion:112 Resp: 294230

Ion Ratio Lower Upper

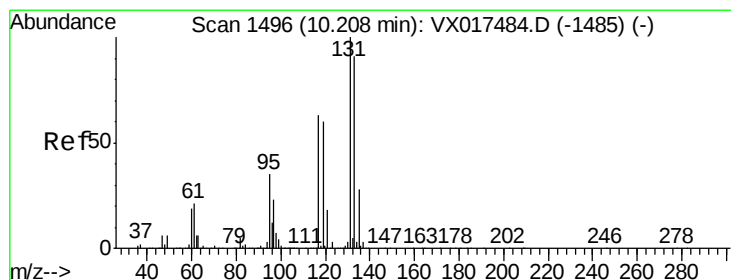
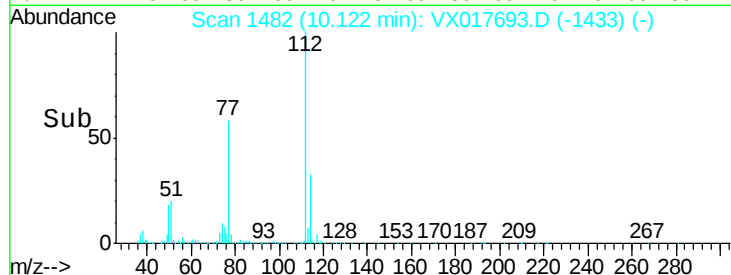
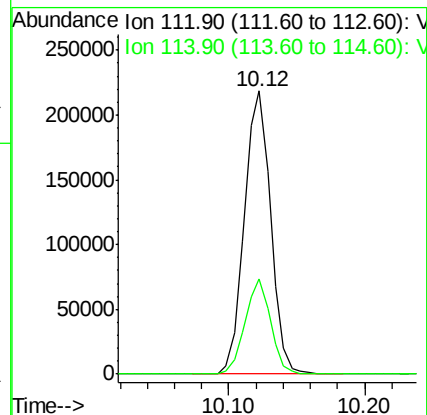
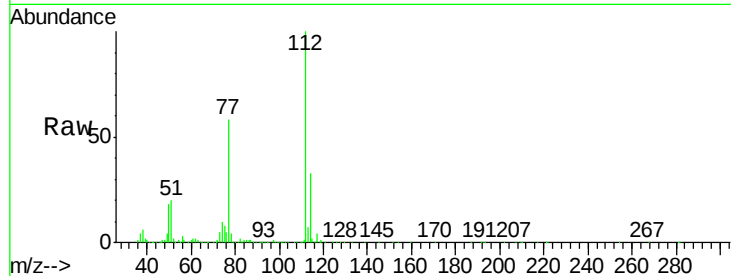
112 100

114 33.4 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.282 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

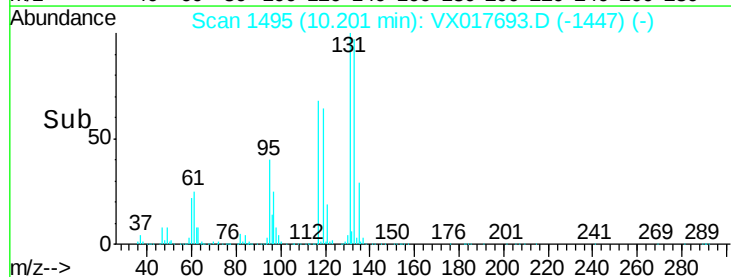
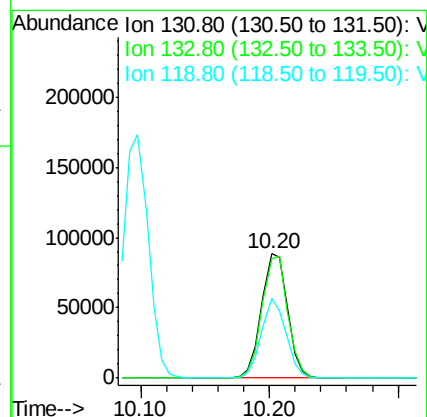
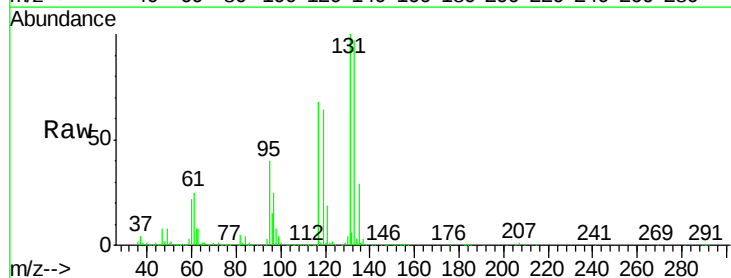
Tgt Ion:131 Resp: 123225

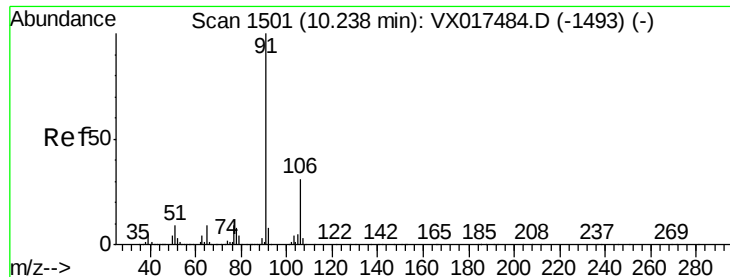
Ion Ratio Lower Upper

131 100

133 97.3 47.9 143.6

119 61.0 31.1 93.3





#67

Ethyl Benzene

Concen: 19.003 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 91 Resp: 502290

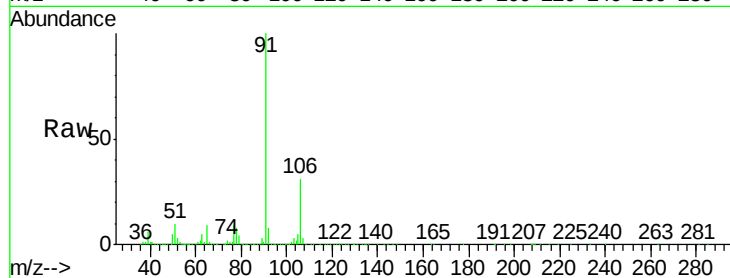
Ion Ratio Lower Upper

91 100

106 31.3 25.8 38.6

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Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1493) (-)

Ion 106.00 (105.70 to 106.70): VX017484.D (-1493) (-)

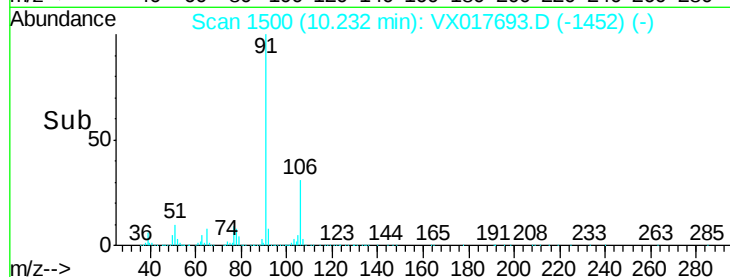
600000

400000

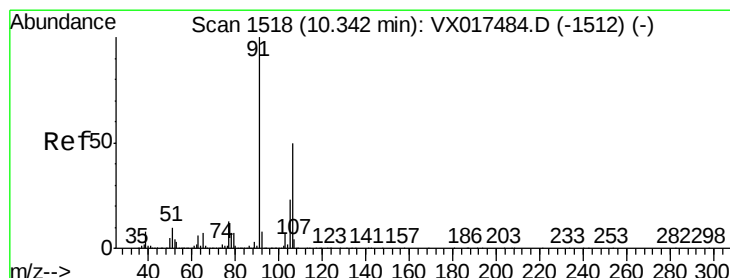
200000

0

10.15 10.20 10.25 10.30



Time-->



#68

m/p-Xylenes

Concen: 38.022 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017693.D

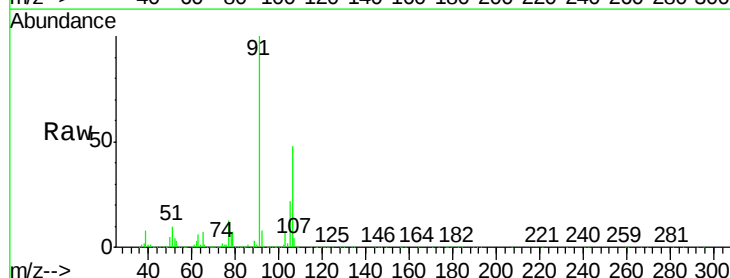
Acq: 31 Jul 2020 11:57

Tgt Ion: 106 Resp: 389343

Ion Ratio Lower Upper

106 100

91 205.1 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VX017484.D (-1512) (-)

Ion 91.00 (90.70 to 91.70): VX017484.D (-1512) (-)

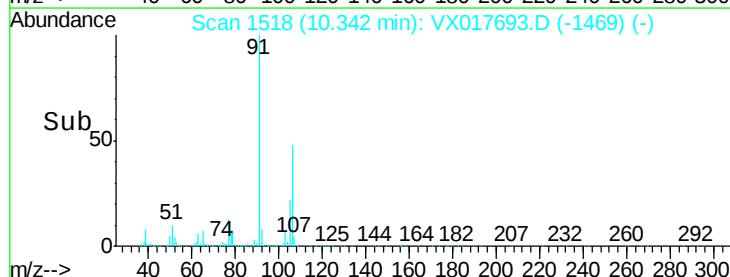
600000

400000

200000

0

10.30 10.40



Time-->



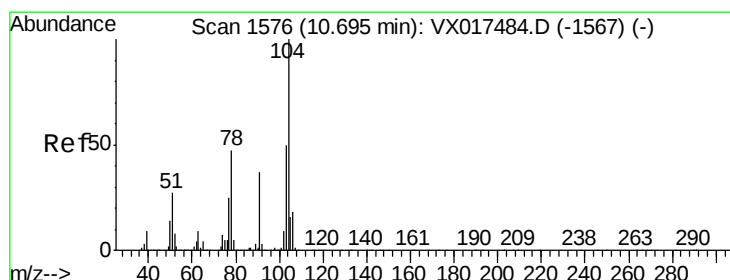
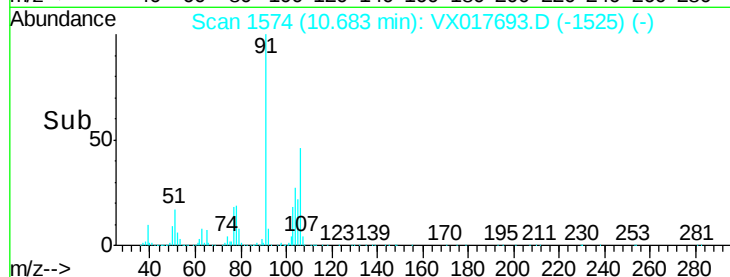
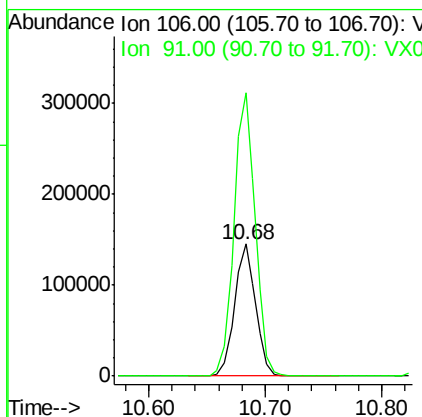
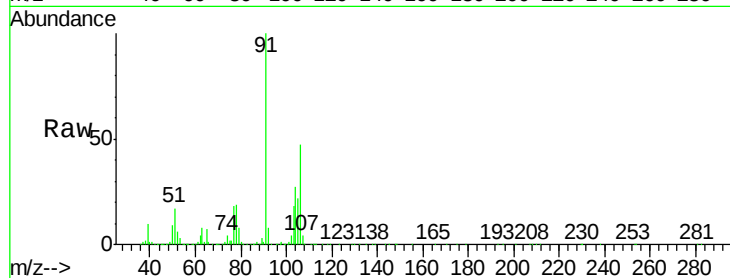
#69
o-Xylene
Concen: 18.446 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.8	108.2	324.6

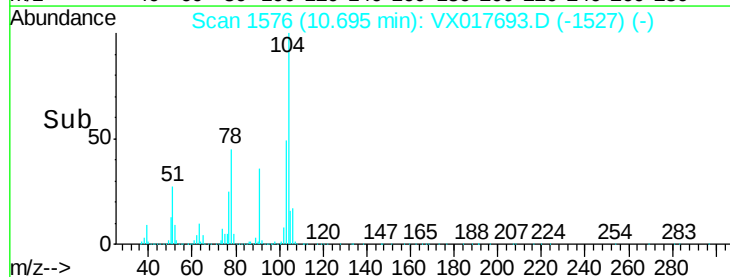
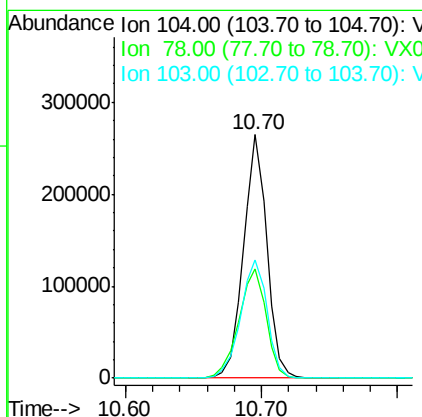
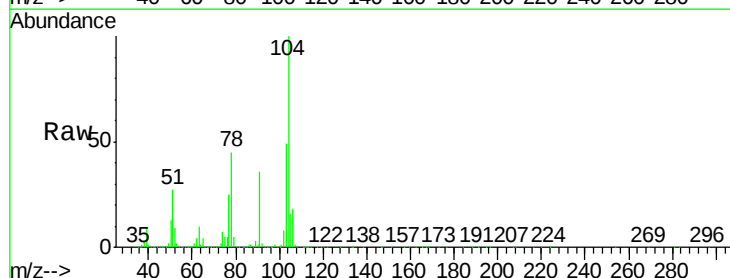
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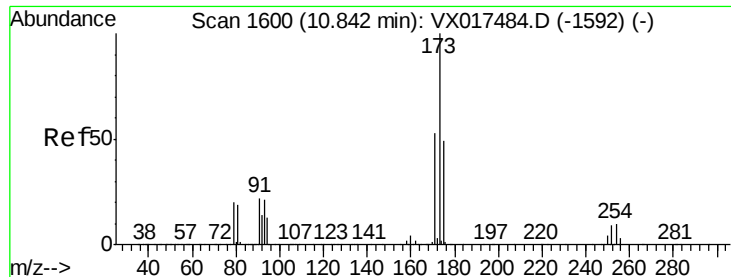
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#70
Styrene
Concen: 18.960 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.5	42.5	63.7
103	55.7	44.3	66.5





#71

Bromoform

Concen: 18.545 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

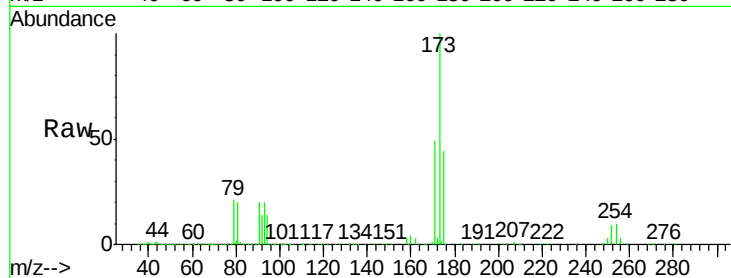
ClientSampled :

VX0731WBS01

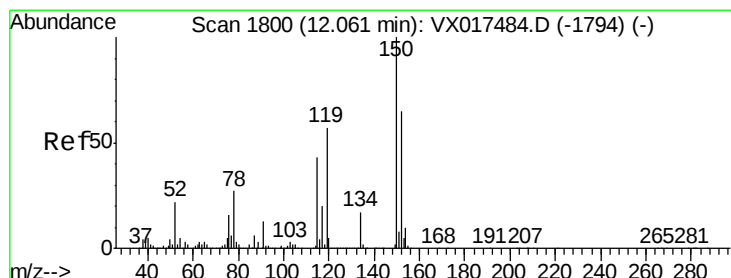
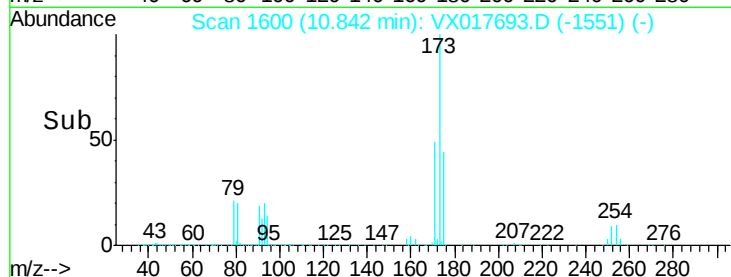
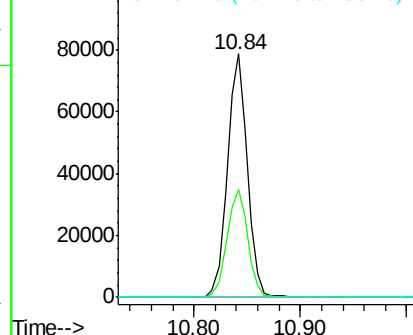
Tot Ion:	173	Resp:	102681
Ion Ratio	Lower	Upper	
173	100		
175	46.1	23.8	71.5
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

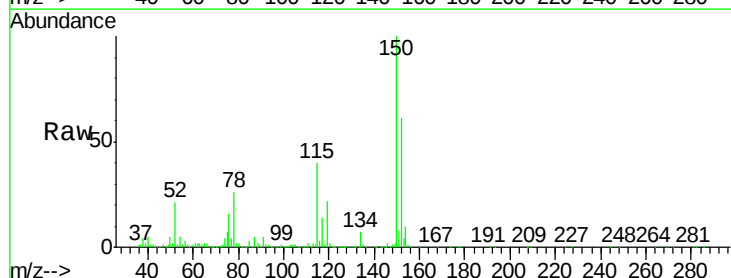
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

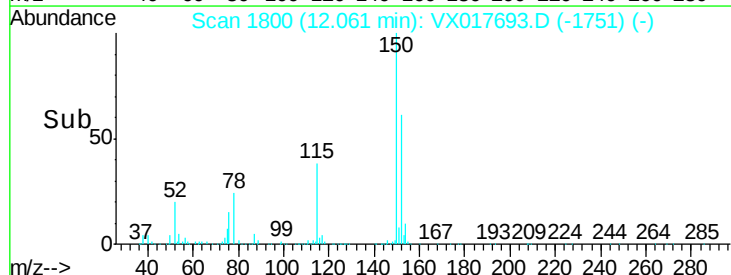
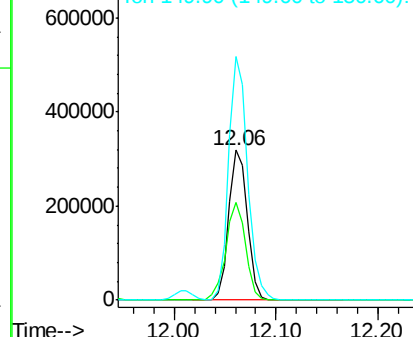
Lab File: VX017693.D

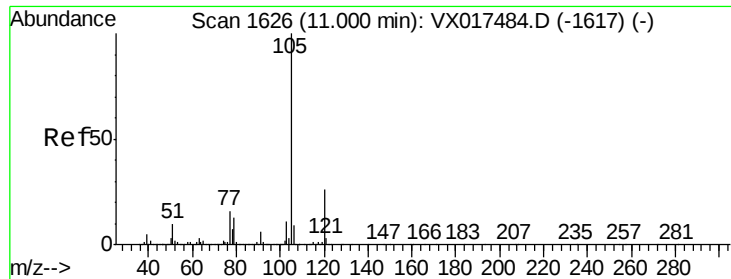
Acq: 31 Jul 2020 11:57

Tgt Ion:	152	Resp:	401723
Ion Ratio	Lower	Upper	
152	100		
115	69.1	65.5	196.6
150	166.1	0.0	412.6



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: 18.566 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

Tot Ion: 105 Resp: 511652

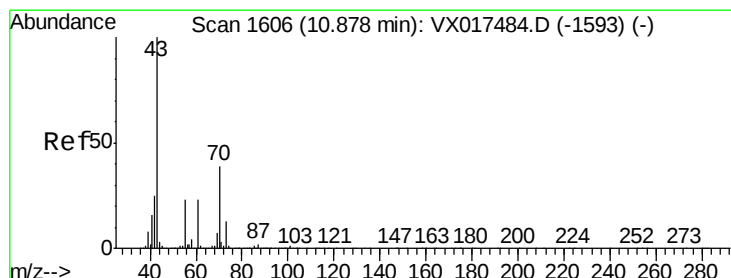
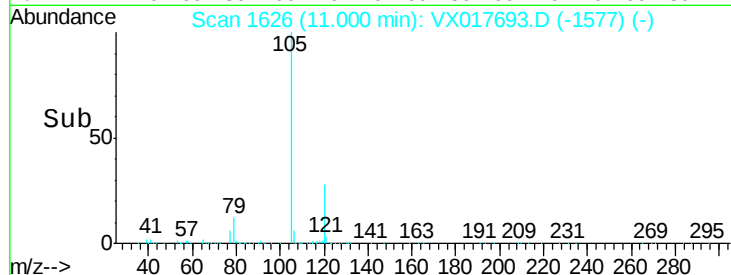
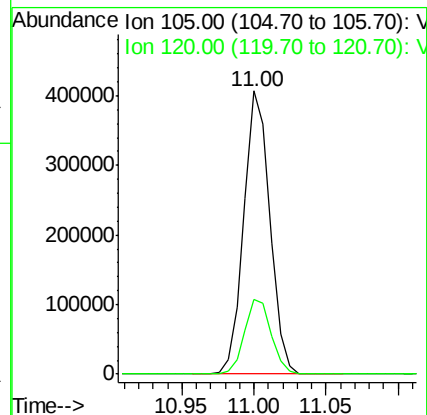
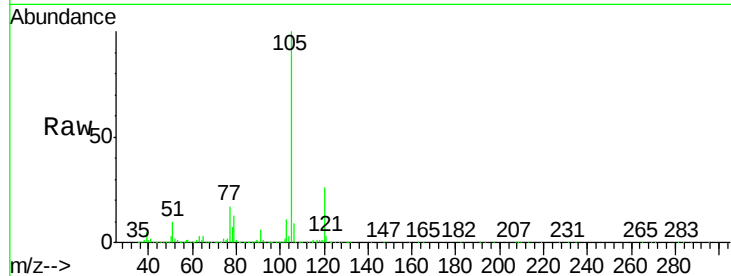
Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8

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#74

N-ethyl acetate

Concen: 16.703 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion: 43 Resp: 204526

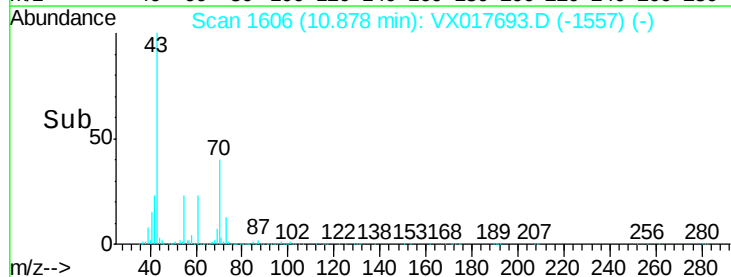
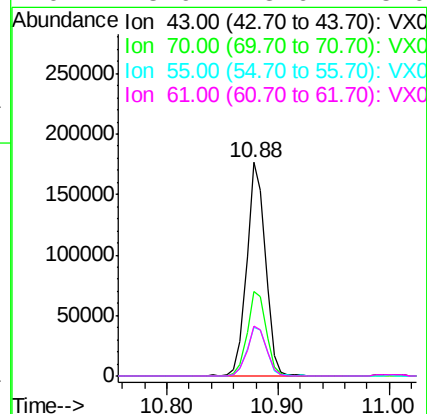
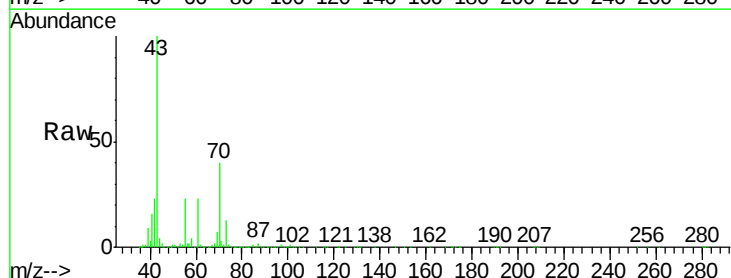
Ion Ratio Lower Upper

43 100

70 40.1 32.3 48.5

55 23.9 18.4 27.6

61 23.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.226 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

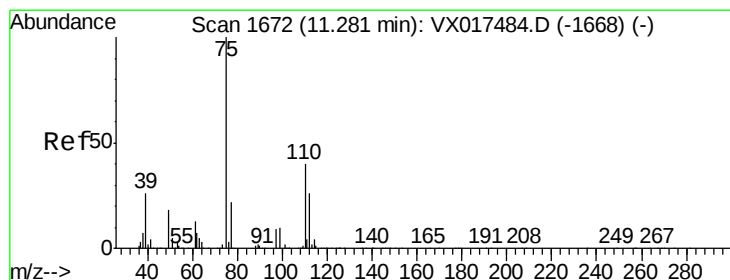
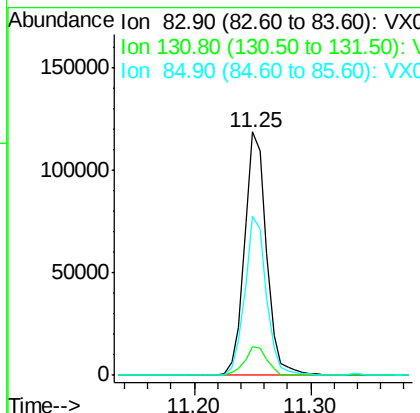
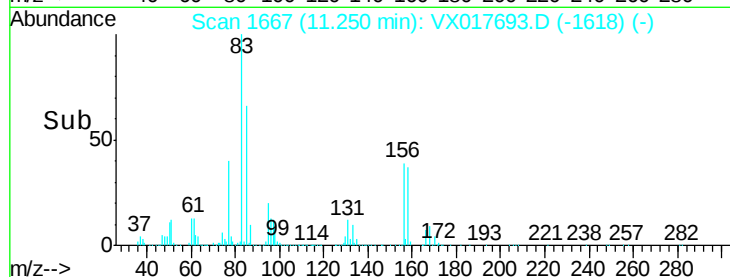
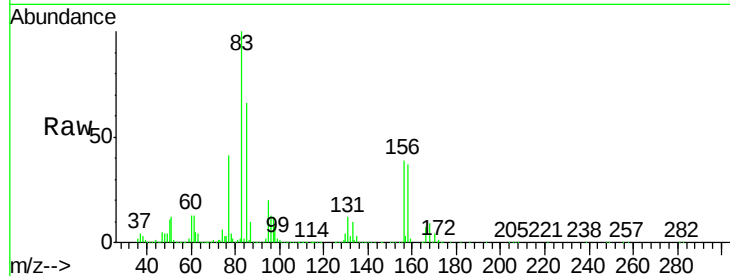
ClientSampleId :

VX0731WBS01

Tot Ion:	83	Resp:	156779
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.5	16.5
85	64.8	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 19.026 ug/l m

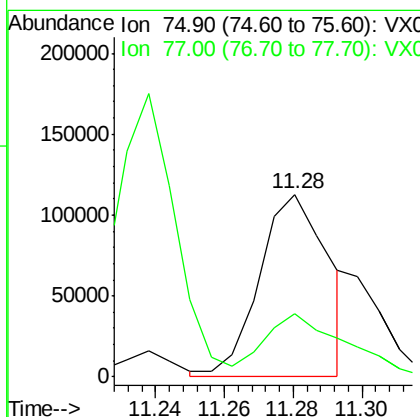
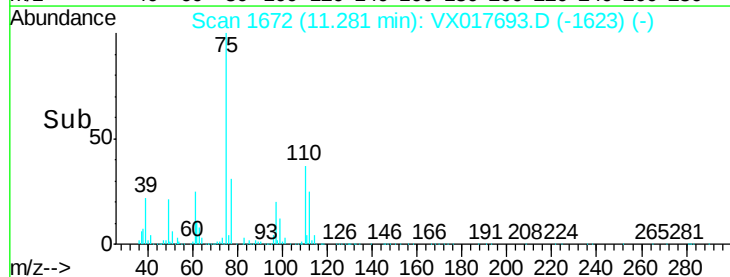
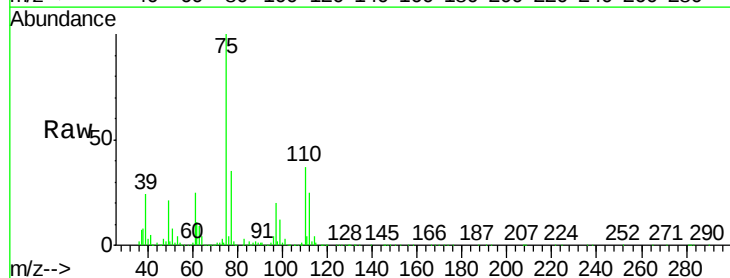
RT: 11.28 min Scan# 1672

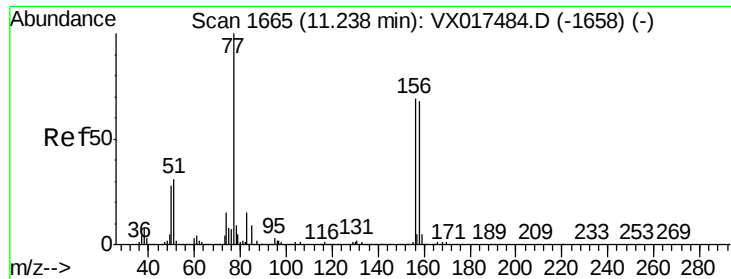
Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	75	Resp:	157227
Ion Ratio	Lower	Upper	
75	100		
77	40.9	21.8	65.3





#77

Bromobenzene

Concen: 18.636 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

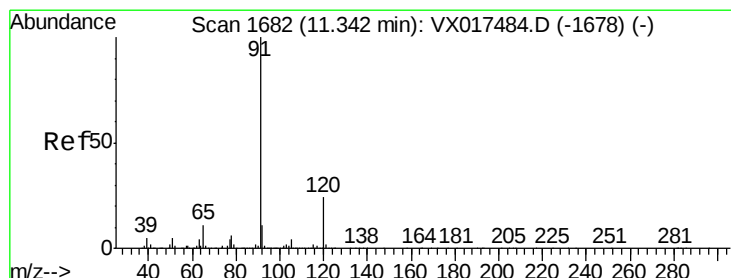
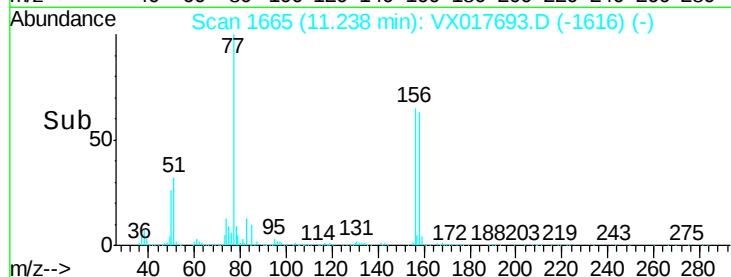
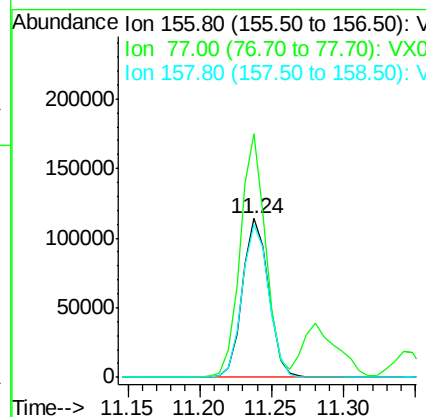
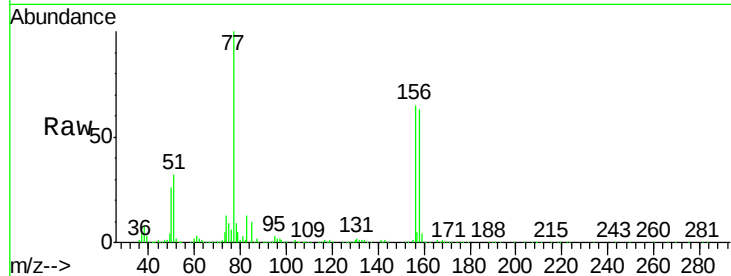
ClientSampleId :

VX0731WBS01

Tot Ion:	156	Resp:	143784
Ion Ratio	Lower	Upper	
156	100		
77	149.8	75.0	225.0
158	98.7	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 18.983 ug/l

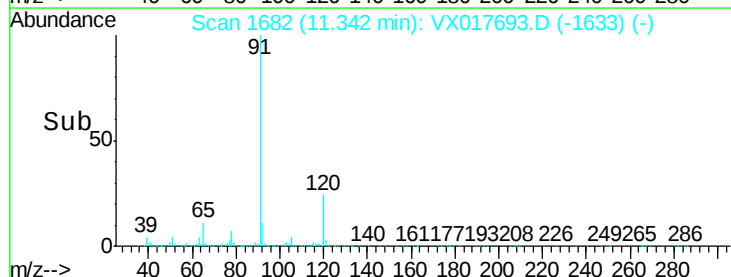
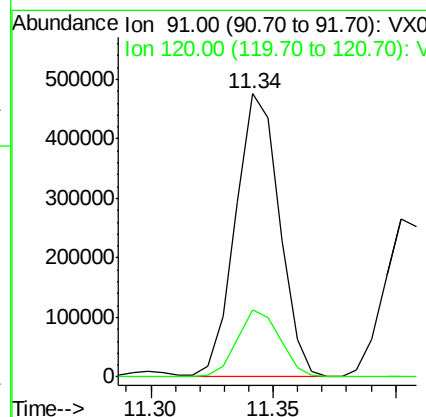
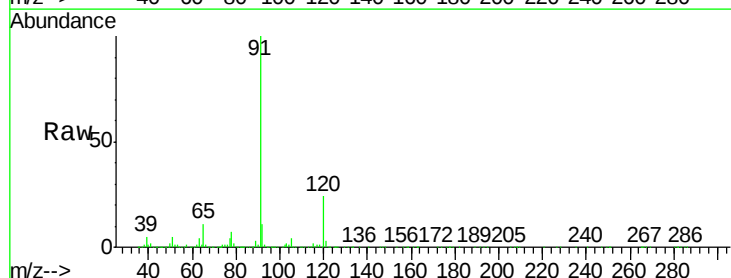
RT: 11.34 min Scan# 1682

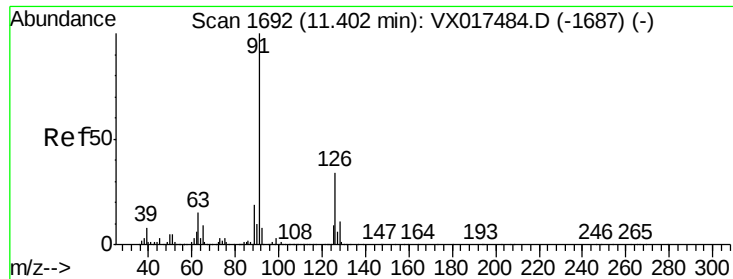
Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	91	Resp:	590021
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.2	36.4





#79

2-Chlorotoluene

Concen: 17.950 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0731WBS01

Tot Ion: 91 Resp: 345620

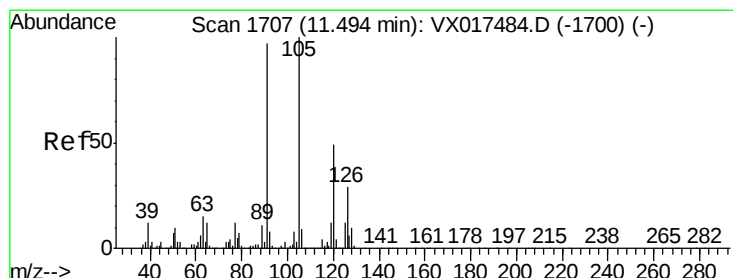
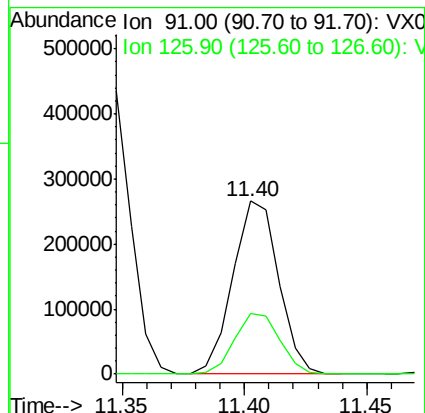
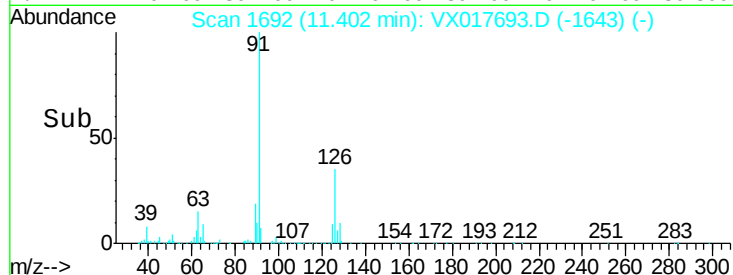
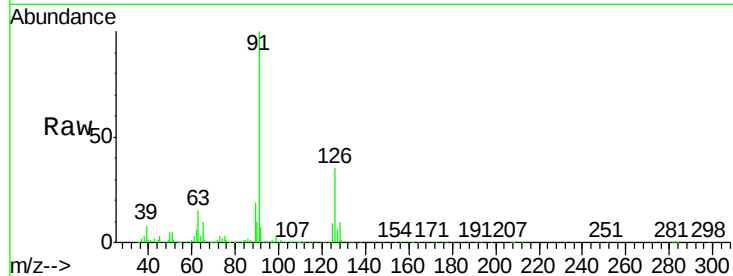
Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 18.386 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017693.D

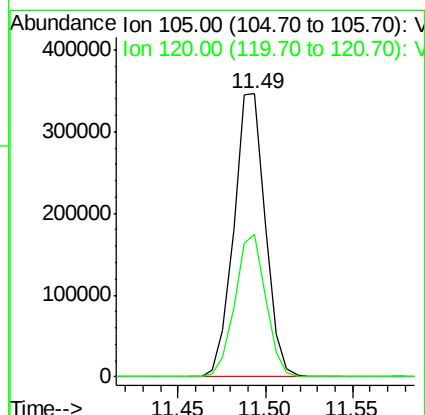
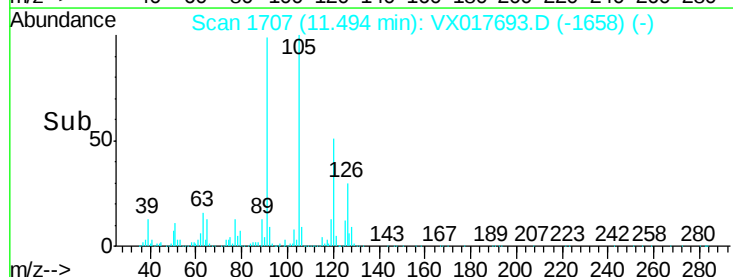
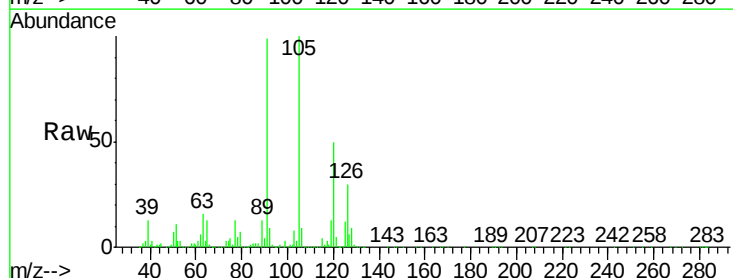
Acq: 31 Jul 2020 11:57

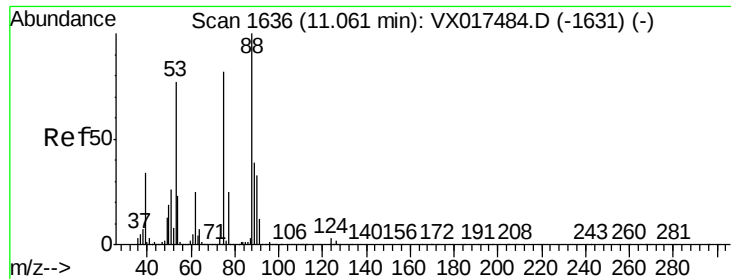
Tgt Ion: 105 Resp: 432614

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.338 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

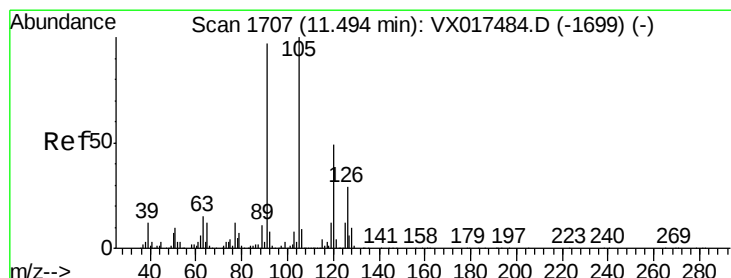
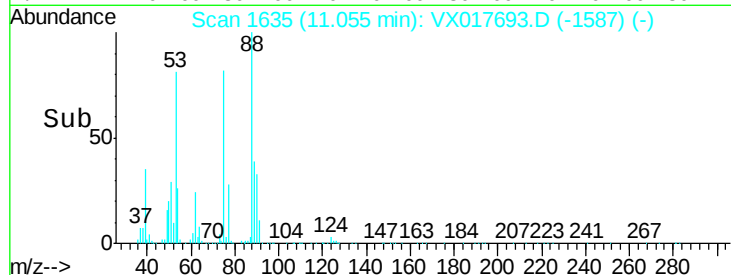
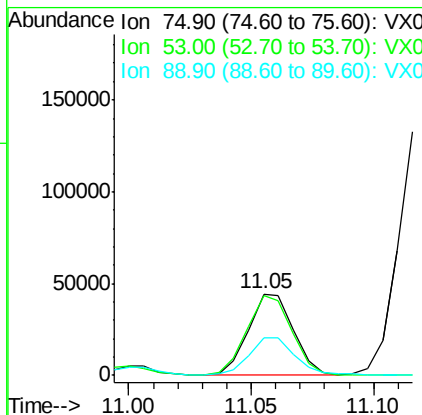
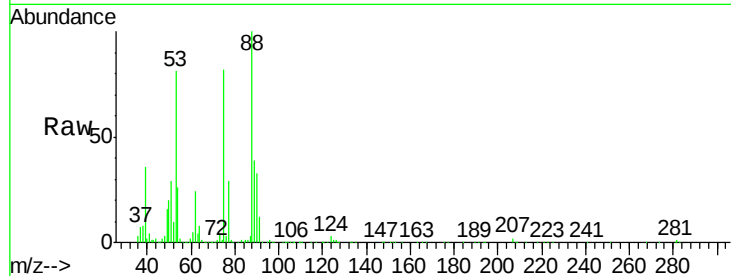
ClientSampleId :

VX0731WBS01

Tot Ion:	75	Resp:	56860
Ion	Ratio	Lower	Upper
75	100		
53	97.4	75.9	113.9
89	49.2	37.8	56.6

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#82

4-Chlorotoluene

Concen: 18.123 ug/l

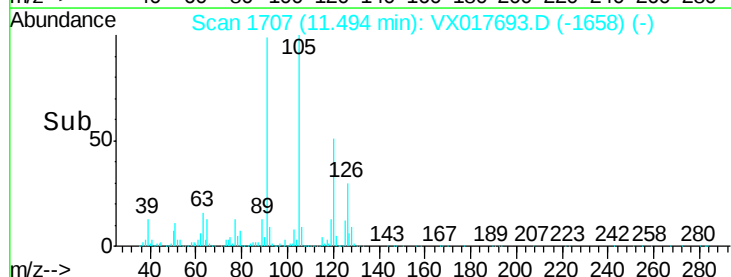
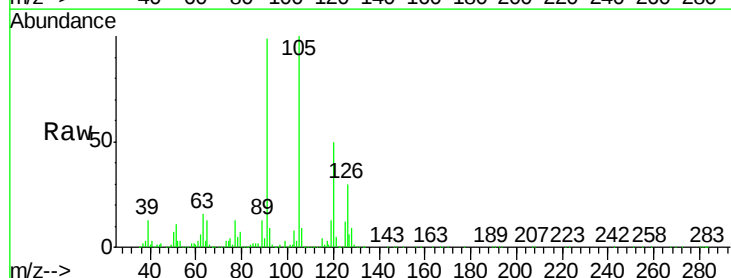
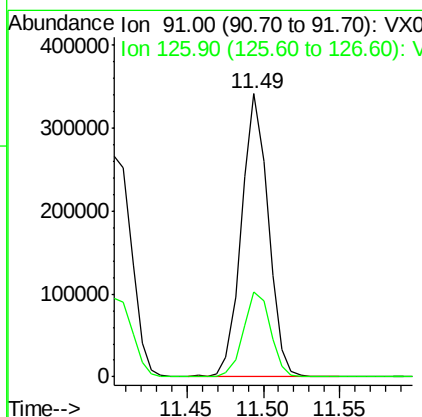
RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	91	Resp:	411608
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.2	45.6





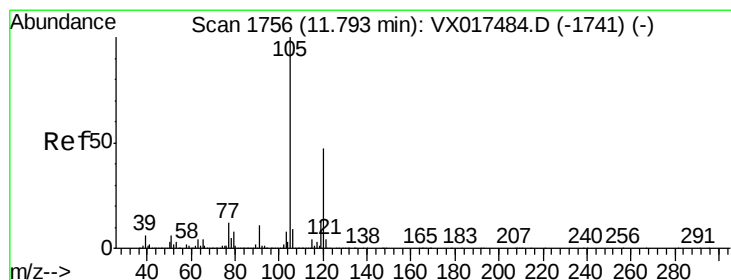
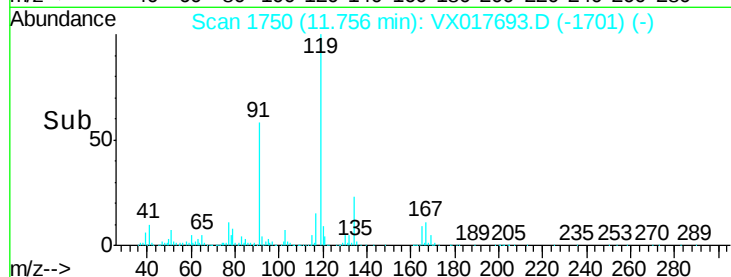
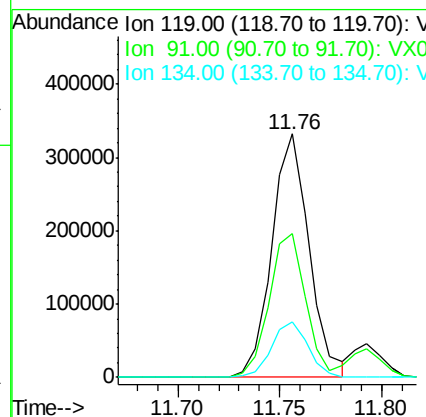
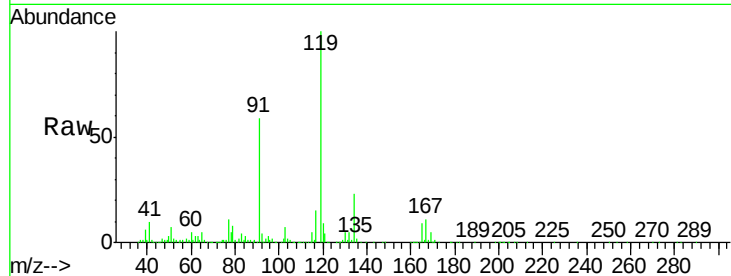
#83
tert-Butylbenzene
Concen: 18.807 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	423437		
91	57.6	29.3	88.0	
134	22.3	11.2	33.6	

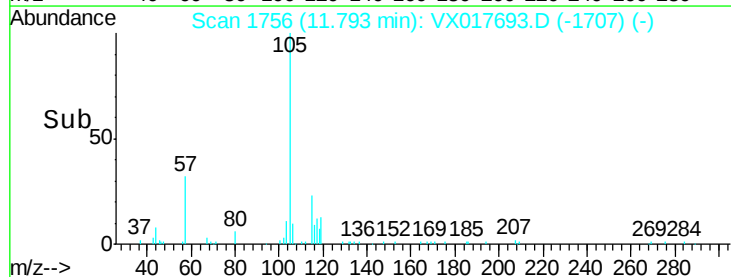
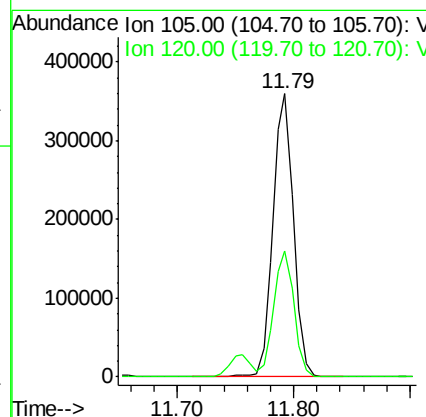
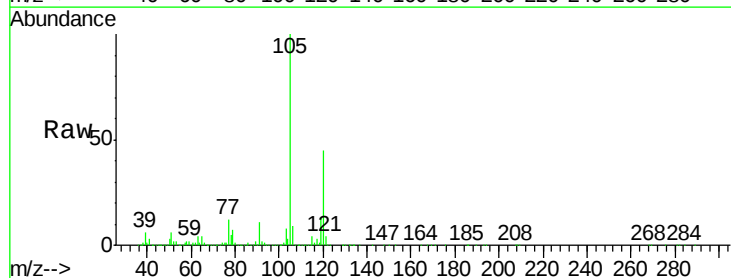
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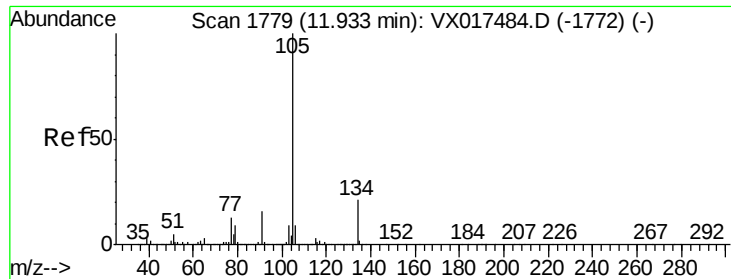
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#84
1,2,4-Trimethylbenzene
Concen: 18.863 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	441458		
120	44.2	22.7	68.0	





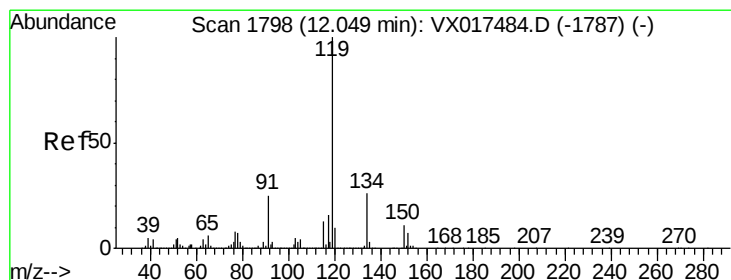
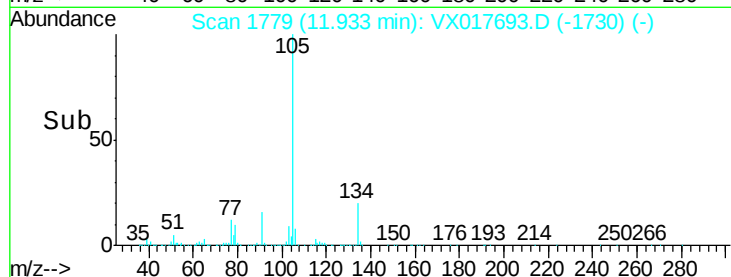
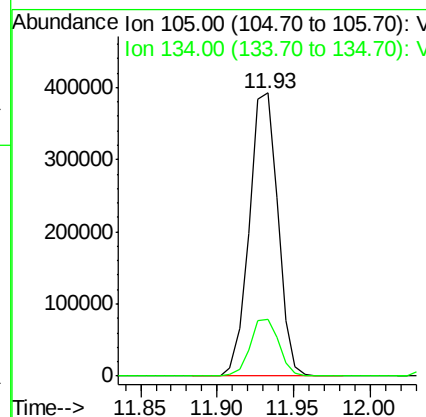
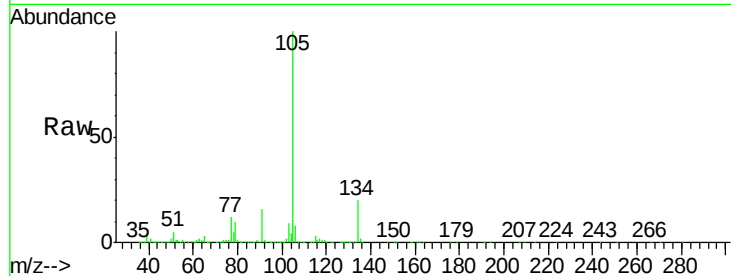
#85
 sec-Butylbenzene
 Concen: 19.403 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	508896		
134	20.2	10.4	31.2	

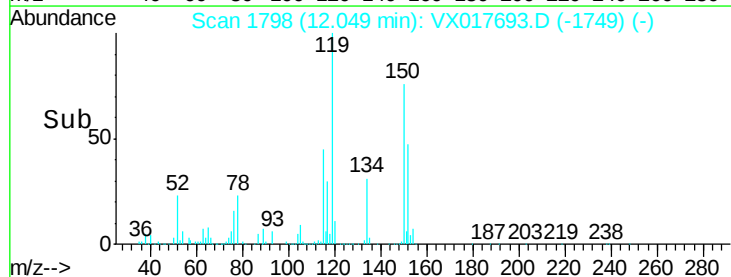
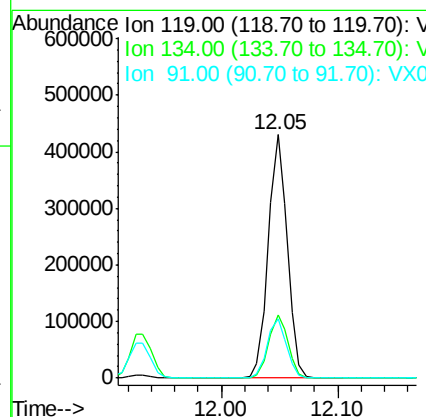
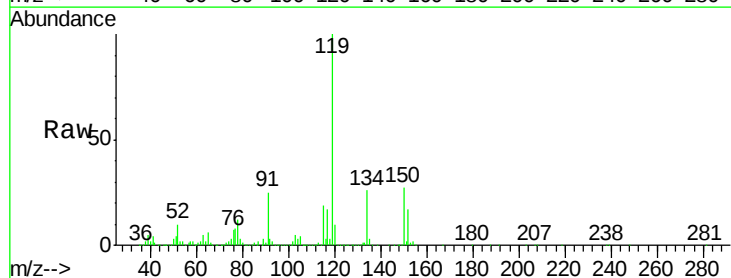
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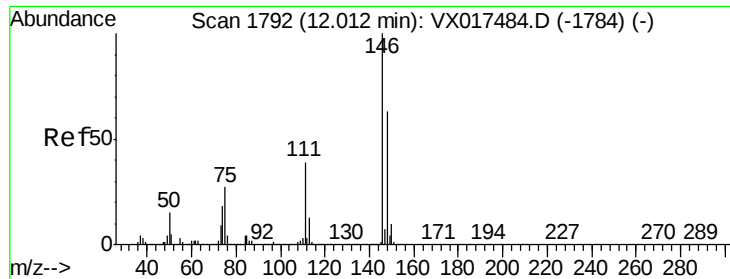
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#86
 p-Isopropyltoluene
 Concen: 19.743 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	493124		
134	26.6	13.1	39.3	
91	24.7	12.1	36.3	





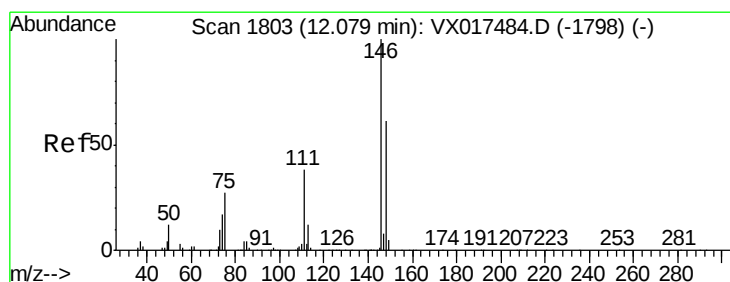
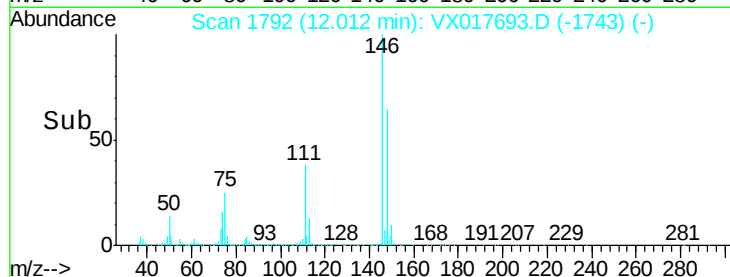
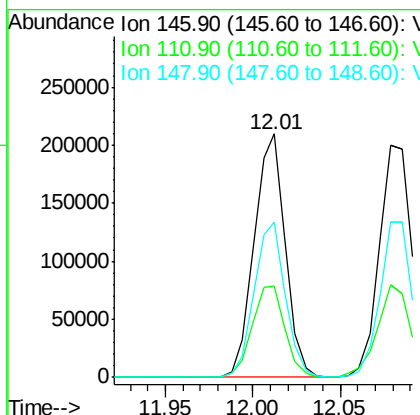
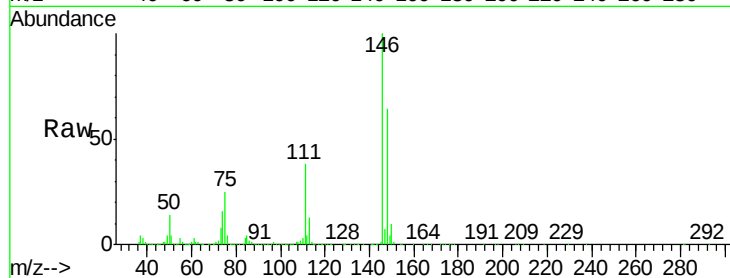
#87
 1,3-Dichlorobenzene
 Concen: 19.706 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	63.9	31.6	95.0

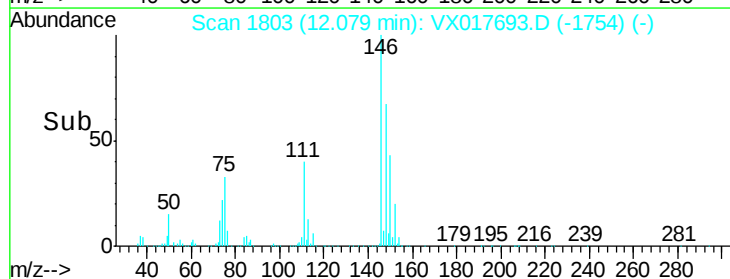
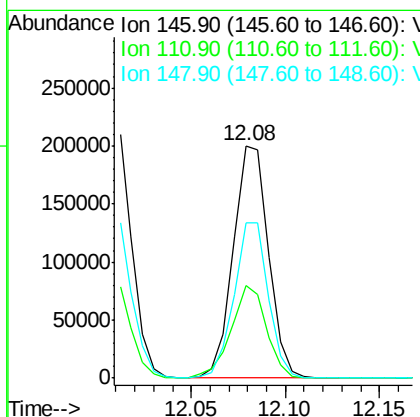
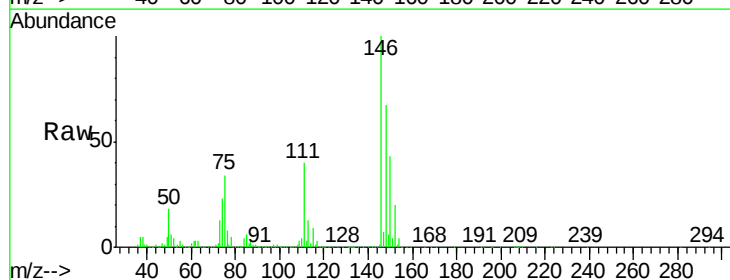
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#88
 1,4-Dichlorobenzene
 Concen: 18.841 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	65.8	32.2	96.6





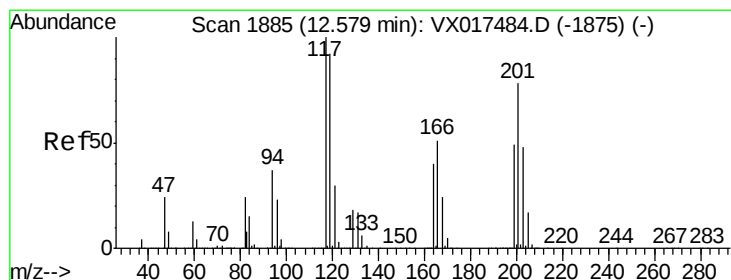
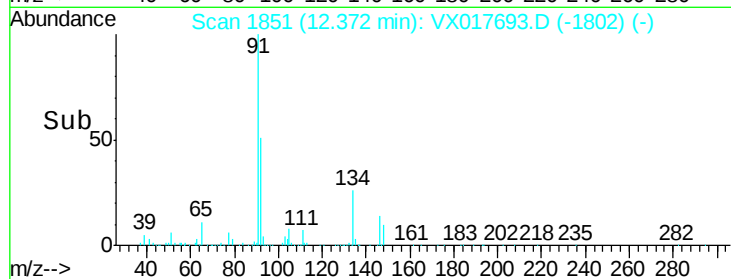
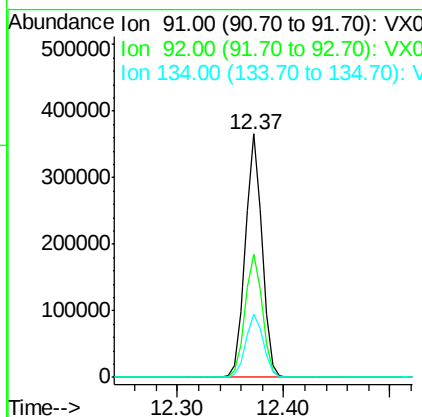
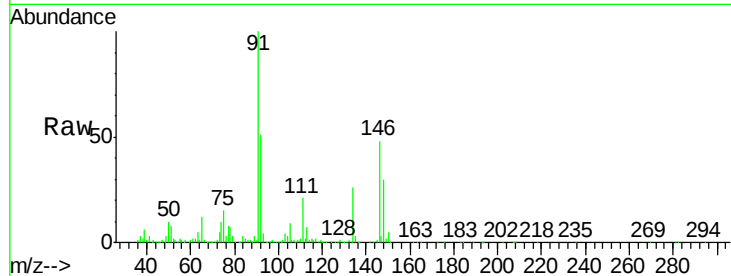
#89
n-Butylbenzene
Concen: 18.278 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.9	26.7	80.1	
134	27.3	13.6	40.7	

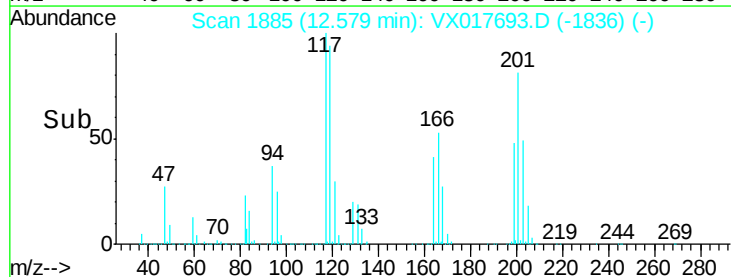
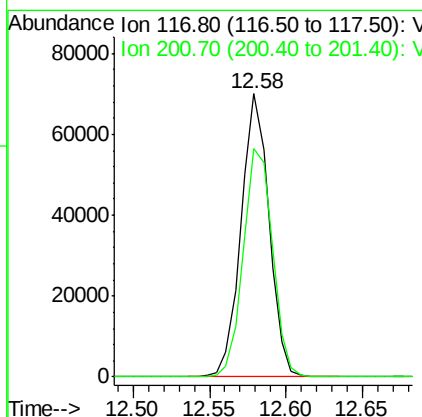
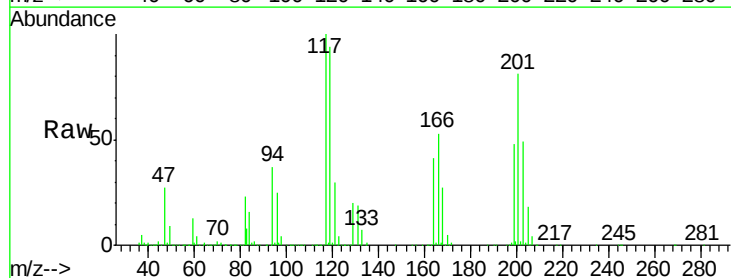
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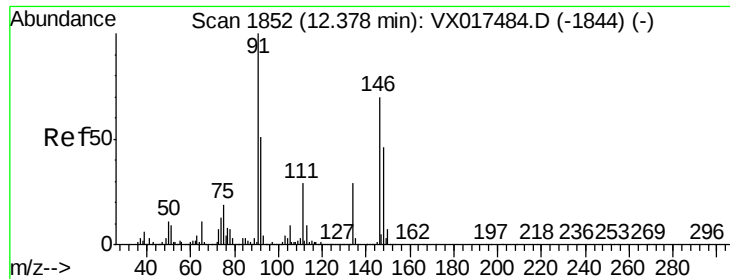
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#90
Hexachloroethane
Concen: 18.035 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	84.2	42.2	126.6	





#91

1,2-Dichlorobenzene

Concen: 18.514 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Instrument :

MSVOA_X

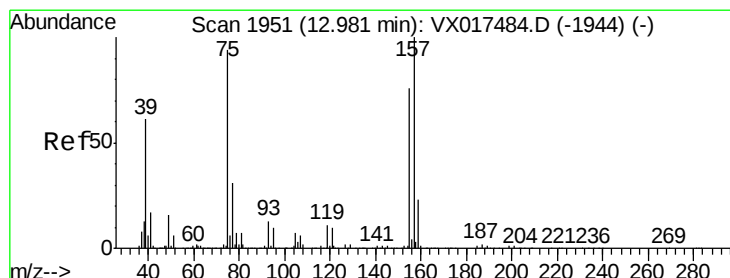
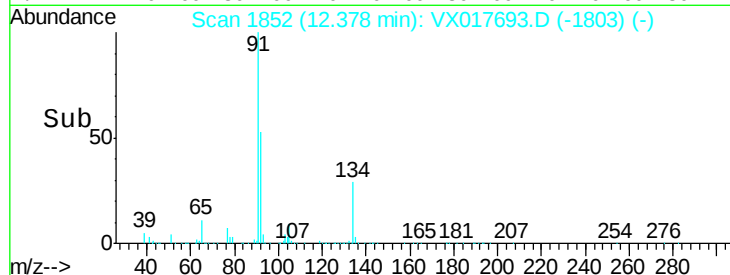
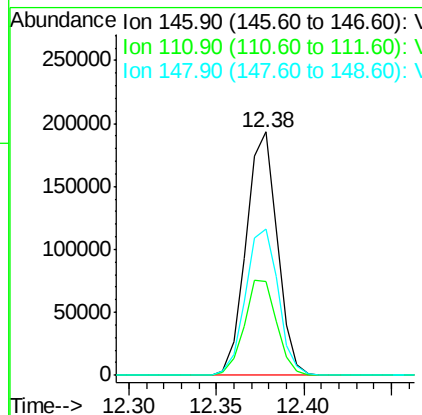
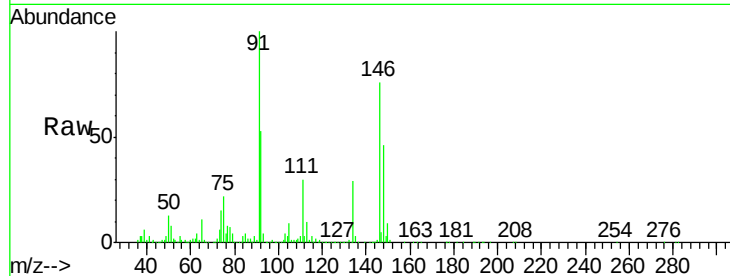
ClientSampleId :

VX0731WBS01

Tot Ion:	146	Resp:	241075
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.9	62.8
148	63.4	32.8	98.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.991 ug/l

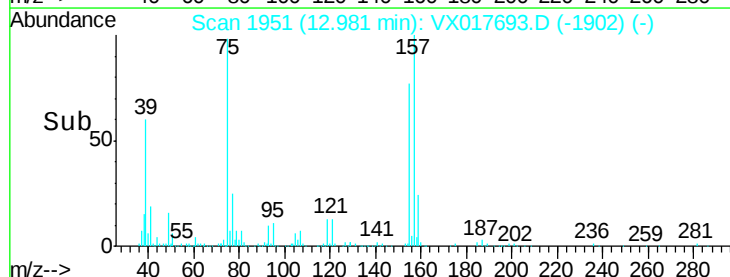
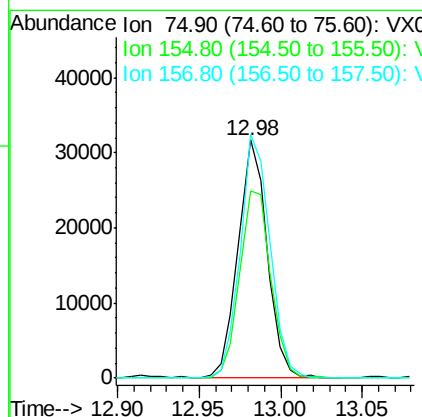
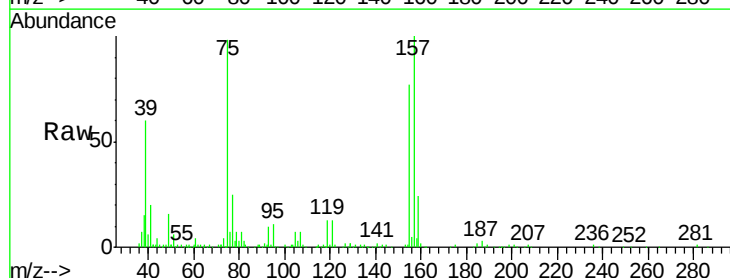
RT: 12.98 min Scan# 1951

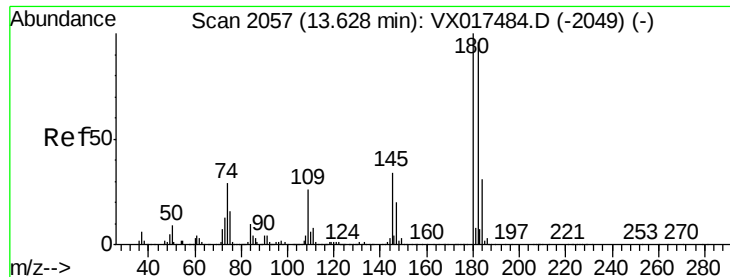
Delta R.T. 0.00 min

Lab File: VX017693.D

Acq: 31 Jul 2020 11:57

Tgt Ion:	75	Resp:	39535
Ion Ratio	Lower	Upper	
75	100		
155	84.5	42.3	126.8
157	104.1	54.3	162.9





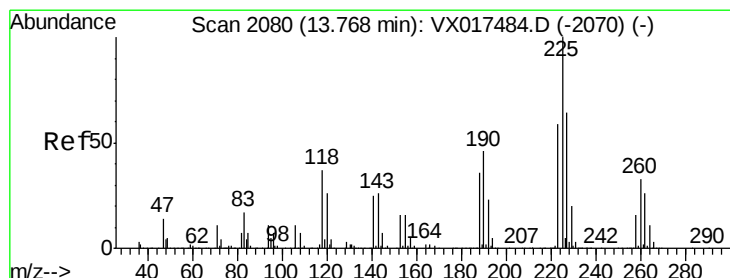
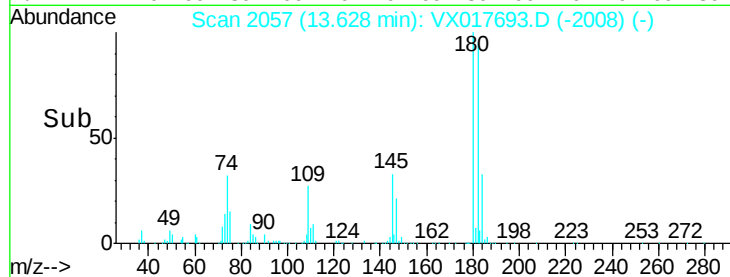
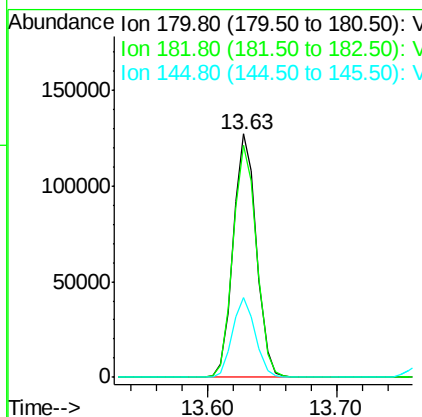
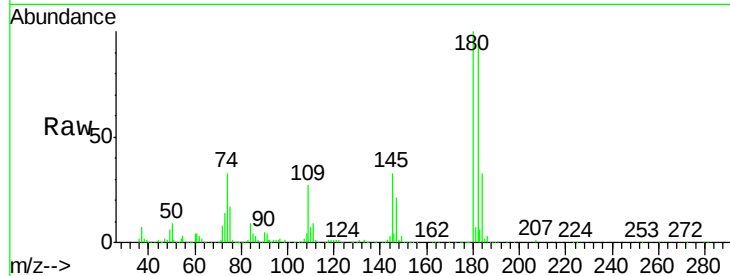
#93
 1,2,4-Trichlorobenzene
 Concen: 17.933 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	159366		
182	97.1	47.5	142.6	
145	32.4	15.4	46.4	

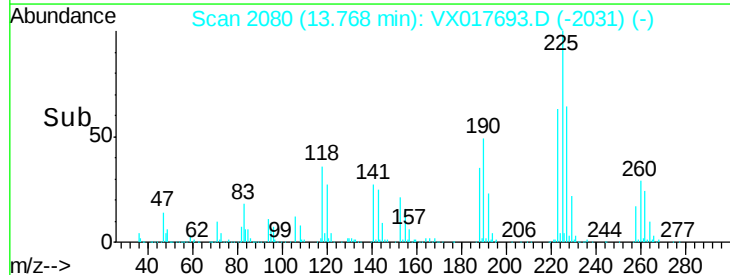
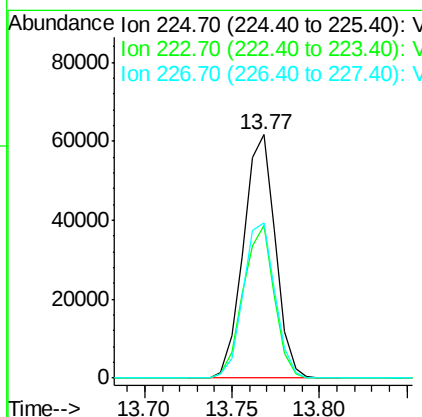
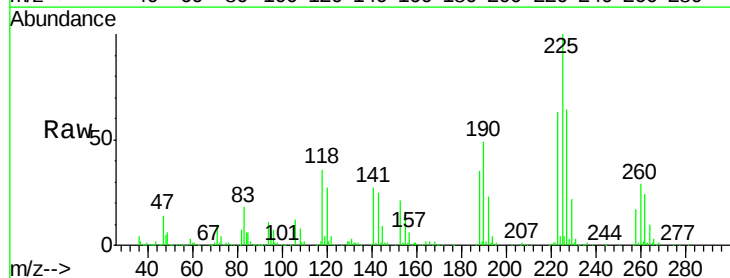
Manual Integrations
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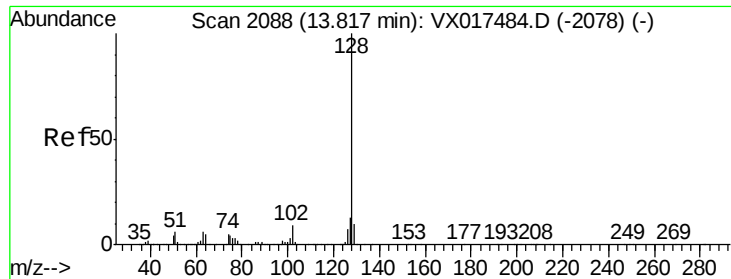
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#94
 Hexachlorobutadiene
 Concen: 19.093 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017693.D
 Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78104		
223	61.0	30.3	90.9	
227	63.1	31.1	93.2	





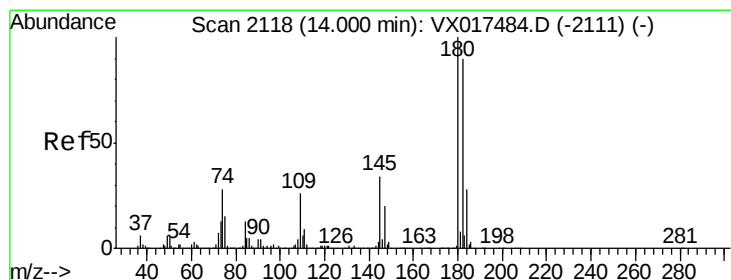
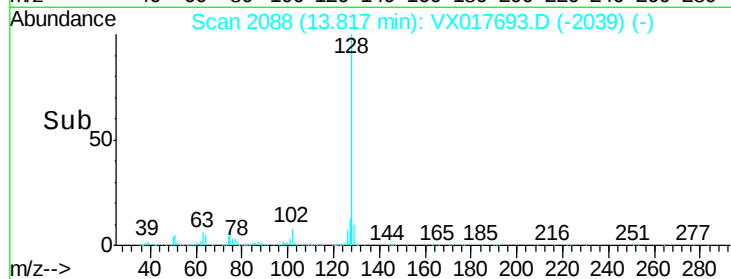
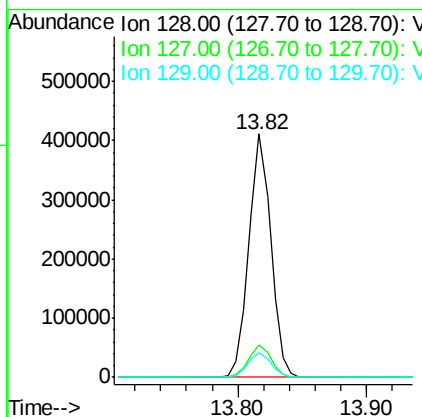
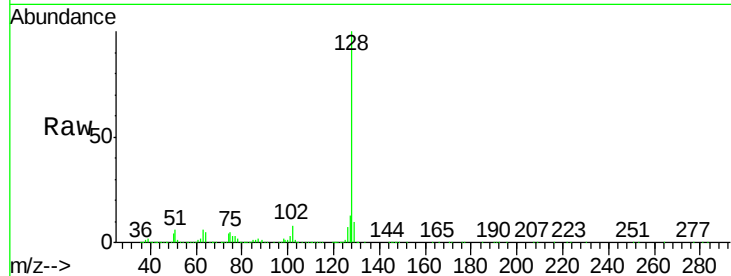
#95
Naphthalene
Concen: 18.126 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.898 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017693.D
Acq: 31 Jul 2020 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	32.7	16.3	48.9

