

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017057.D
 Acq On : 30 Jun 2020 19:49
 Operator : JC/SP
 Sample : L3112-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:41 AM

Quant Time: Jul 01 09:36:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	404534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158829	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.46	113	130182	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.70	98	474020	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.12	95	188334	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	112798	45.782	ug/l	97
3) Chloromethane	1.31	50	127543	42.767	ug/l	99
4) Vinyl Chloride	1.39	62	129356	46.749	ug/l	99
5) Bromomethane	1.62	94	75126	51.390	ug/l	98
6) Chloroethane	1.71	64	77727	47.562	ug/l	99
7) Trichlorofluoromethane	1.92	101	200212	48.924	ug/l	98
8) Diethyl Ether	2.17	74	70638	51.292	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109654	44.707	ug/l	98
10) Methyl Iodide	2.49	142	137040	43.301	ug/l	99
11) Tert butyl alcohol	3.01	59	136453	227.823	ug/l	98
12) 1,1-Dichloroethene	2.36	96	118017	46.839	ug/l	97
13) Acrolein	2.27	56	83826	234.127	ug/l	99
14) Allyl chloride	2.71	41	213108	45.766	ug/l	99
15) Acrylonitrile	3.12	53	354829	246.438	ug/l	99
16) Acetone	2.42	43	284120	241.909	ug/l	97
17) Carbon Disulfide	2.55	76	348831	49.613	ug/l	100
18) Methyl Acetate	2.75	43	142967	46.629	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	419952	49.661	ug/l	99
20) Methylene Chloride	2.83	84	135801	50.422	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	135279	48.381	ug/l	98
22) Diisopropyl ether	3.82	45	419450	48.669	ug/l	99
23) Vinyl Acetate	3.79	43	1786436	241.221	ug/l	99
24) 1,1-Dichloroethane	3.67	63	236119	48.150	ug/l	100
25) 2-Butanone	4.64	43	475571	243.009	ug/l	100
26) 2,2-Dichloropropane	4.55	77	177377	40.738	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	179215	56.567	ug/l	97
28) Bromochloromethane	4.98	49	112449	47.123	ug/l	98
29) Tetrahydrofuran	5.09	42	318477	246.301	ug/l	100
30) Chloroform	5.18	83	243284	48.397	ug/l	98
31) Cyclohexane	5.55	56	192708	45.464	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	220452	47.619	ug/l	98
36) 1,1-Dichloropropene	5.77	75	179097	46.843	ug/l	100
37) Ethyl Acetate	4.79	43	181301	46.737	ug/l	99
38) Carbon Tetrachloride	5.76	117	205044	48.691	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	187495	44.076	ug/l	97
40) Benzene	6.12	78	535087	47.633	ug/l	99
41) Methacrylonitrile	5.00	41	104538	47.881	ug/l	98
42) 1,2-Dichloroethane	6.17	62	197000	48.550	ug/l	100
43) Isopropyl Acetate	6.42	43	303684	47.111	ug/l	99
44) Trichloroethene	7.19	130	157602	50.846	ug/l	99
45) 1,2-Dichloropropane	7.49	63	139814	48.458	ug/l	100
46) Dibromomethane	7.64	93	97500	49.497	ug/l	99
47) Bromodichloromethane	7.88	83	201568	49.654	ug/l	98
48) Methyl methacrylate	7.74	41	155381	50.737	ug/l	99
49) 1,4-Dioxane	7.71	88	59577	858.702	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	950399	247.338	ug/l	100
52) Toluene	8.77	92	340986	48.618	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	215164	48.039	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	221797	46.194	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	139838	48.799	ug/l	99
56) Ethyl methacrylate	9.16	69	209554	51.378	ug/l	100
57) 1,3-Dichloropropane	9.35	76	233311	48.117	ug/l	100
59) 2-Hexanone	9.47	43	725252	258.436	ug/l	99
60) Dibromochloromethane	9.57	129	167758	50.404	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151001	49.023	ug/l	100
64) Tetrachloroethene	9.32	164	141383	44.908	ug/l	94
65) Chlorobenzene	10.12	112	378283	46.985	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149385	48.145	ug/l	100
67) Ethyl Benzene	10.24	91	652321	48.516	ug/l	99
68) m/p-Xylenes	10.34	106	508602	98.515	ug/l	99
69) o-Xylene	10.68	106	238996	48.663	ug/l	98
70) Styrene	10.70	104	423877	50.683	ug/l	100
71) Bromoform	10.84	173	126886	51.569	ug/l #	99
73) Isopropylbenzene	11.00	105	648525	48.742	ug/l	100
74) N-amyl acetate	10.88	43	269416	47.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	199757	47.728	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	189344m	47.402	ug/l	
77) Bromobenzene	11.24	156	176275	48.205	ug/l	98
78) n-propylbenzene	11.34	91	716501	47.621	ug/l	100
79) 2-Chlorotoluene	11.40	91	435746	47.852	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548011	49.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	70691	45.830	ug/l	97
82) 4-Chlorotoluene	11.49	91	524122	48.148	ug/l	100
83) tert-Butylbenzene	11.76	119	534290	49.316	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	561336	50.135	ug/l	99
85) sec-Butylbenzene	11.93	105	607124	47.674	ug/l	100
86) p-Isopropyltoluene	12.05	119	580381	48.955	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	312250	47.015	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	310180	49.522	ug/l	99
89) n-Butylbenzene	12.37	91	479522	45.299	ug/l	100
90) Hexachloroethane	12.58	117	109686	46.917	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	289817	46.684	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47874	47.950	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	187210	44.182	ug/l	97

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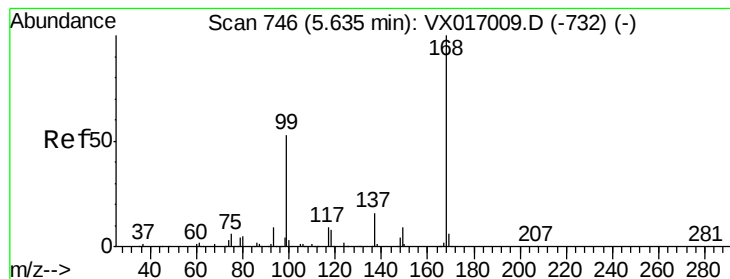
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	69119	43.100	ug/l	99
95) Naphthalene	13.82	128	639161	49.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	192566	46.959	ug/l	99

(#) = 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: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion:168 Resp: 254672

Ion Ratio Lower Upper

168 100

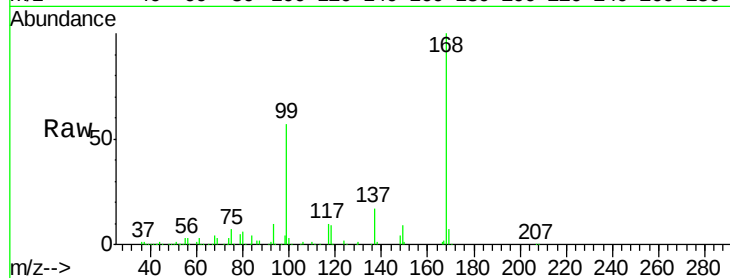
99 56.5 42.6 64.0

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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

80000

60000

40000

20000

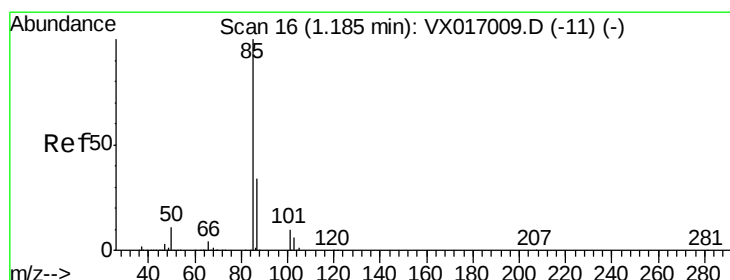
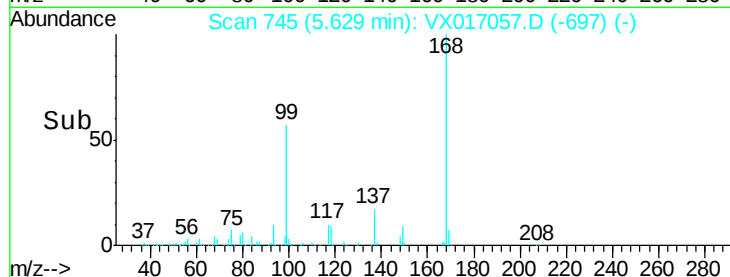
0

5.50

5.60

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.782 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017057.D

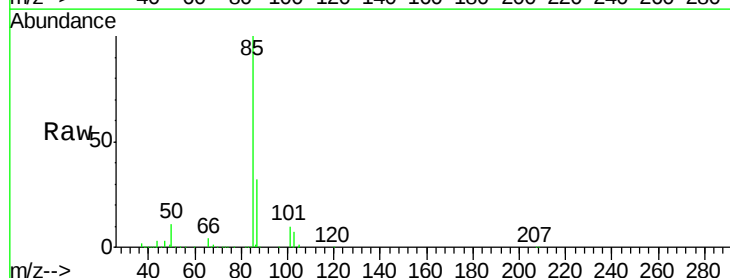
Acq: 30 Jun 2020 19:49

Tgt Ion: 85 Resp: 112798

Ion Ratio Lower Upper

85 100

87 32.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

100000

50000

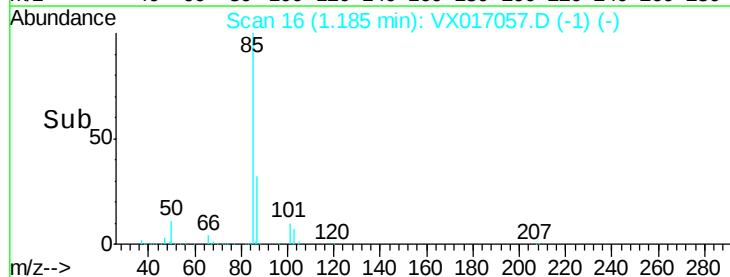
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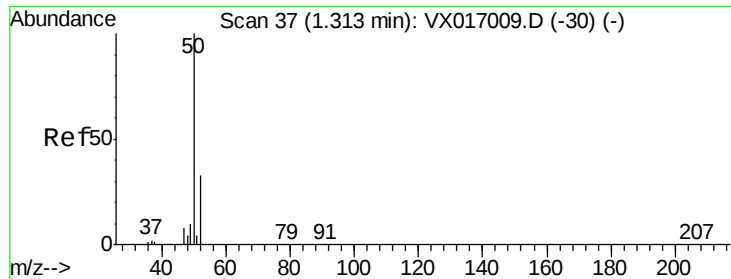
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 42.767 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 50 Resp: 127543

Ion Ratio Lower Upper

50 100

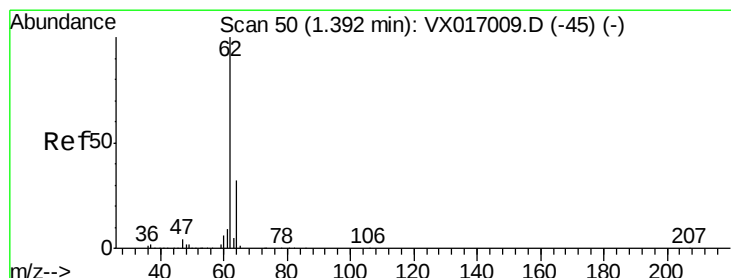
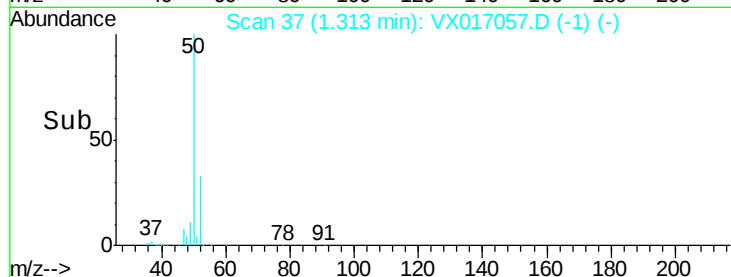
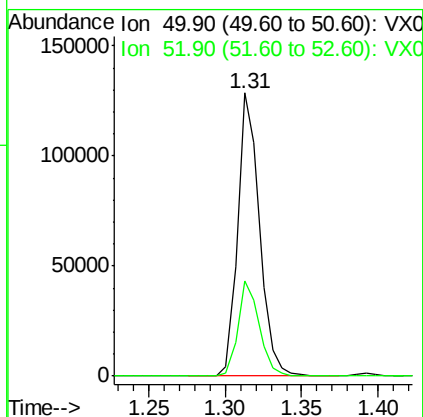
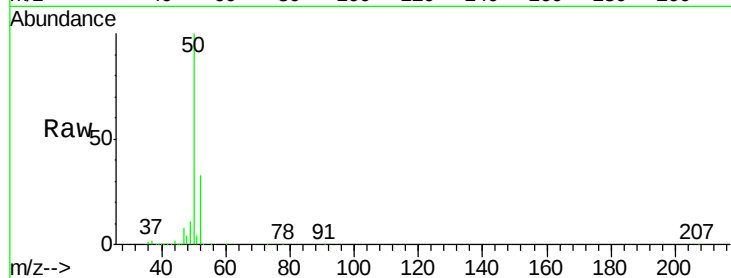
52 33.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 46.749 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017057.D

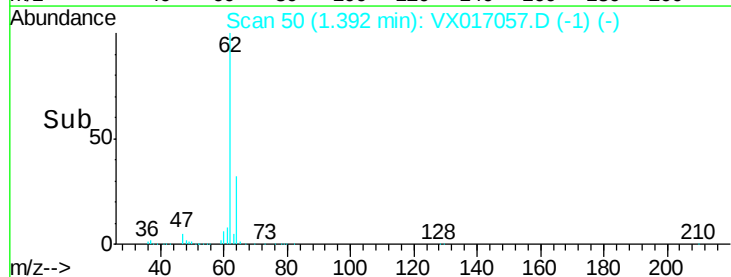
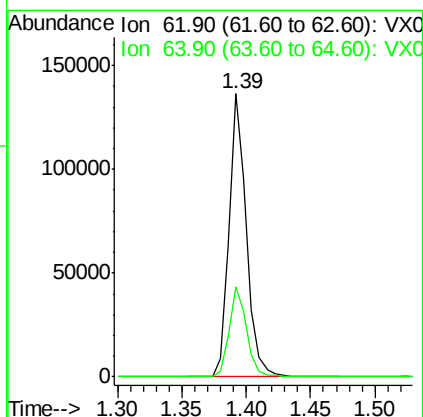
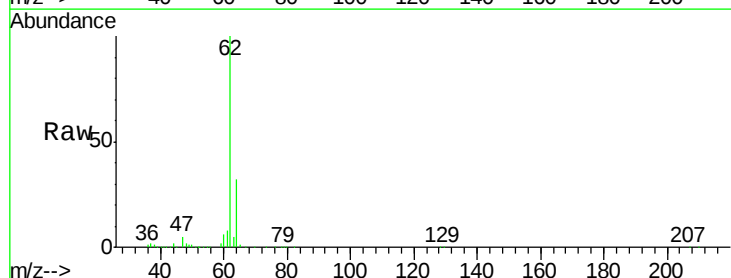
Acq: 30 Jun 2020 19:49

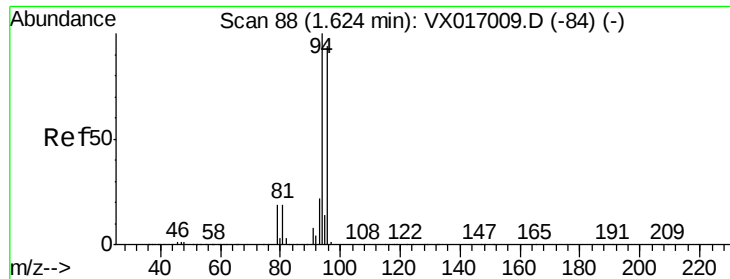
Tgt Ion: 62 Resp: 129356

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 51.390 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

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ClientSampleId :

61BR-20200624MSD

Tot Ion: 94 Resp: 75126

Ion Ratio Lower Upper

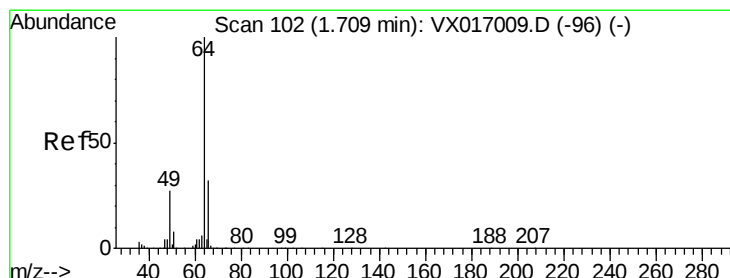
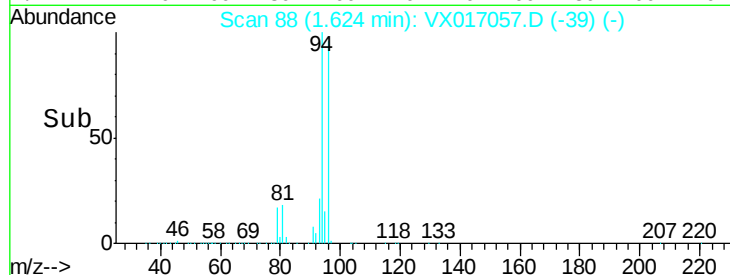
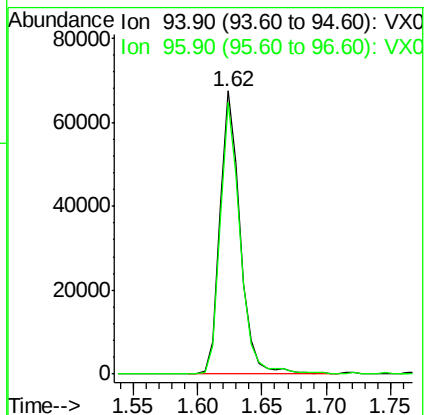
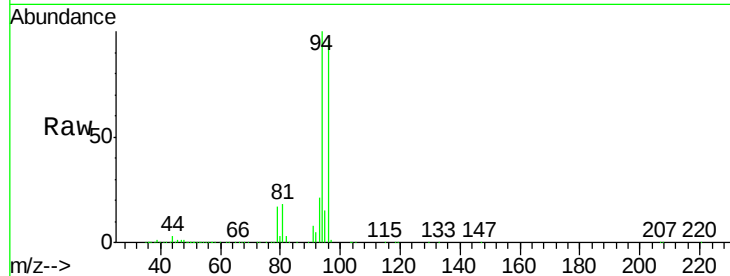
94 100

96 96.0 75.0 112.4

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#6

Chloroethane

Concen: 47.562 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017057.D

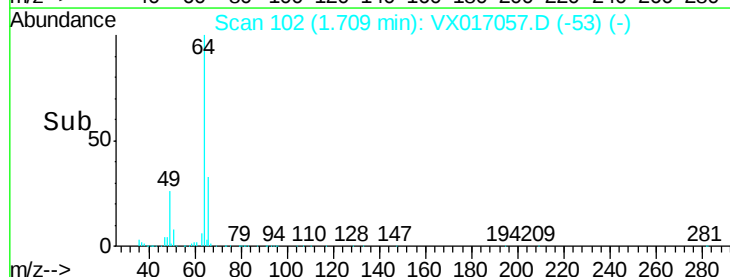
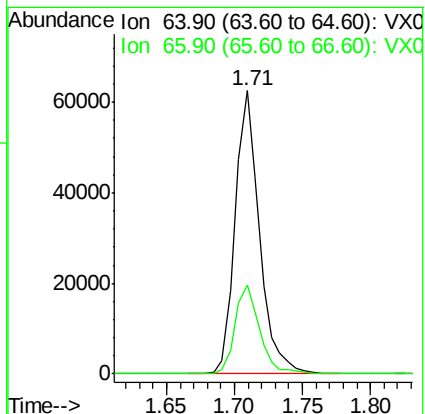
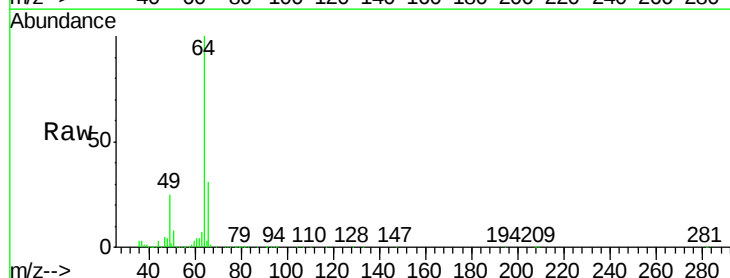
Acq: 30 Jun 2020 19:49

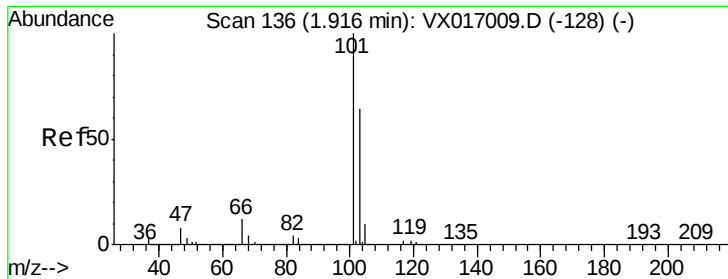
Tgt Ion: 64 Resp: 77727

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3





#7

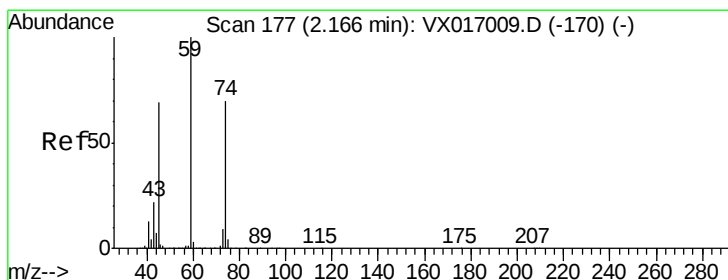
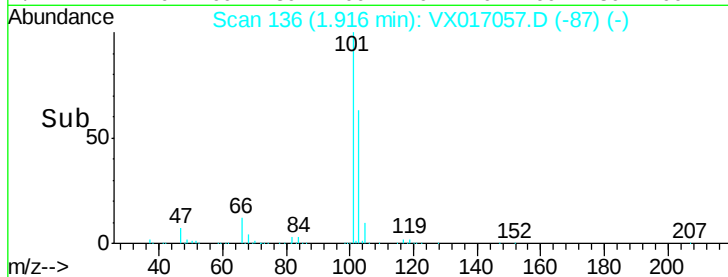
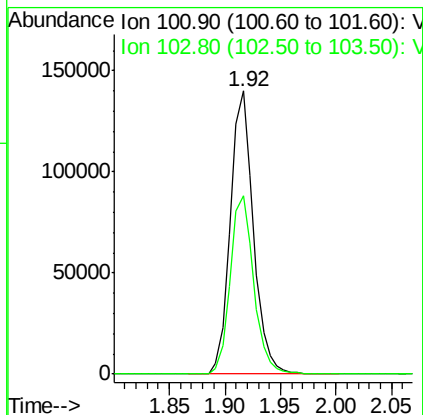
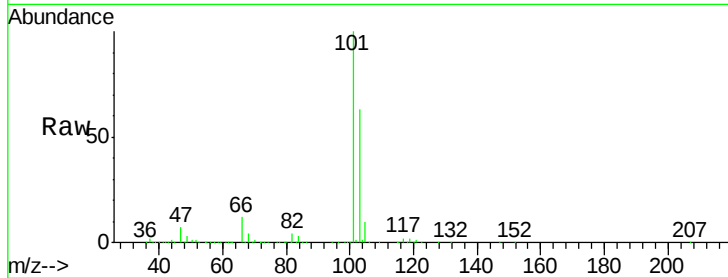
Trichlorofluoromethane
Concen: 48.924 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.5	77.3

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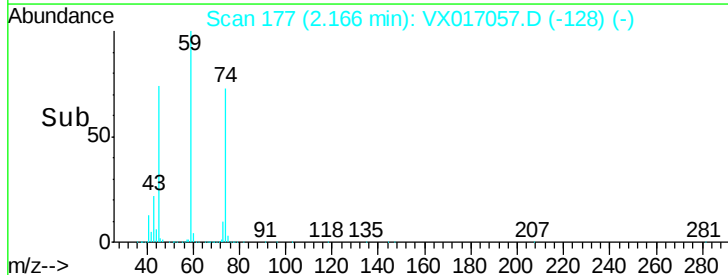
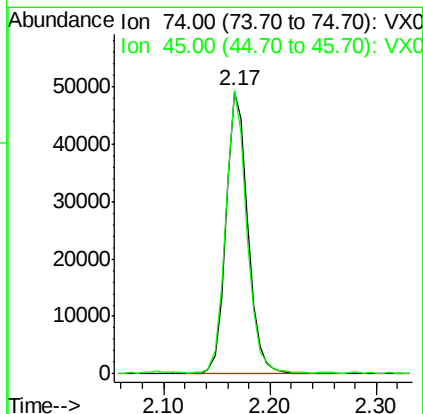
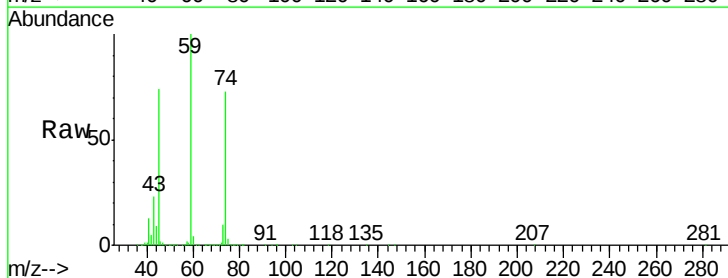
MMDadoda
7/1/2020 10:49:41 AM

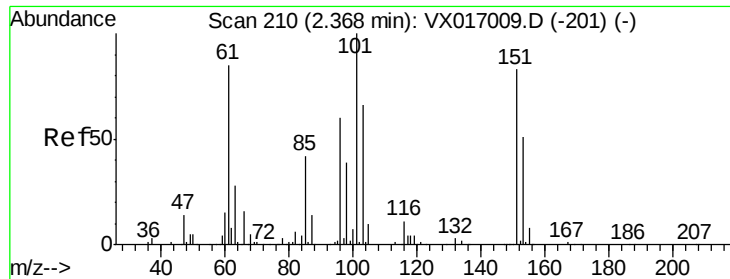


#8

Diethyl Ether
Concen: 51.292 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.707 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

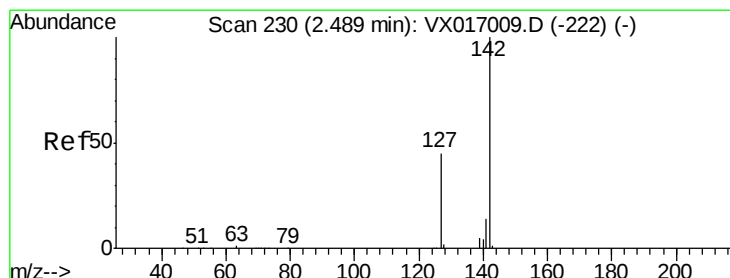
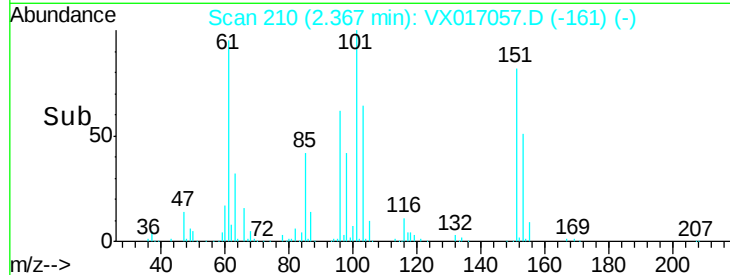
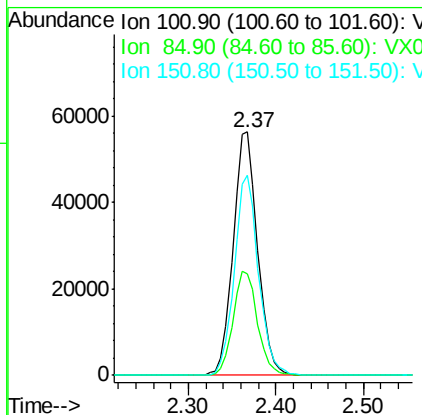
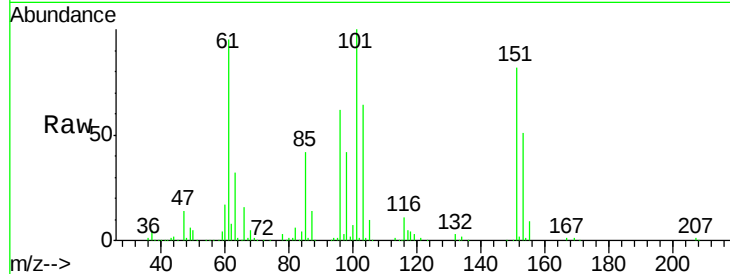
ClientSampleId :

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Tot Ion:	101	Resp:	109654
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.5	50.3
151	81.3	63.8	95.6

Manual Integrations
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7/1/2020 10:49:41 AM



#10

Methyl Iodide

Concen: 43.301 ug/l

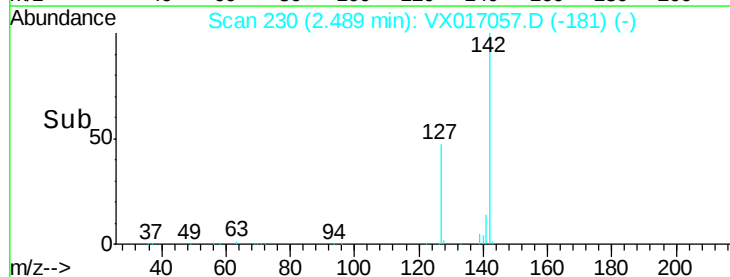
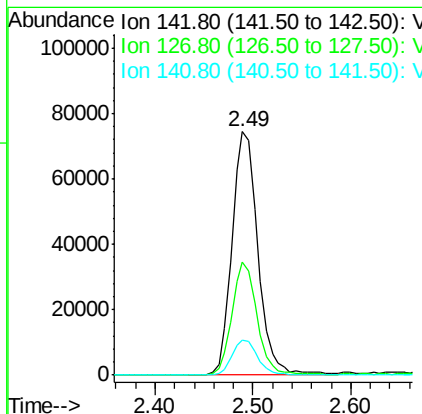
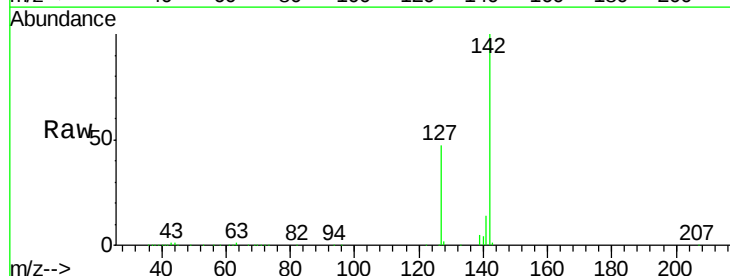
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion:	142	Resp:	137040
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.6	54.8
141	14.3	11.6	17.4





#11

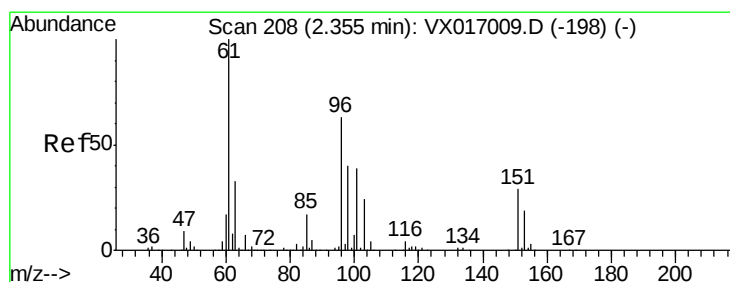
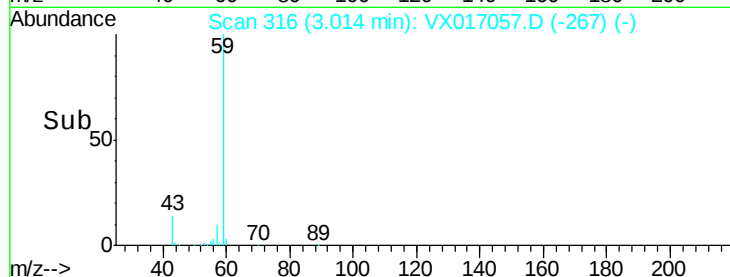
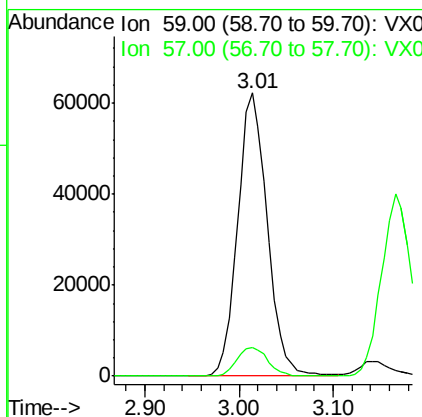
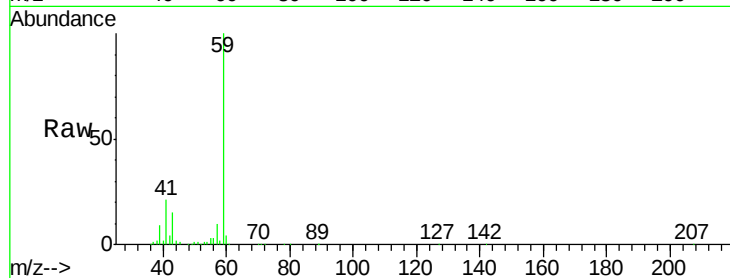
Tert butyl alcohol
Concen: 227.823 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

Manual Integrations
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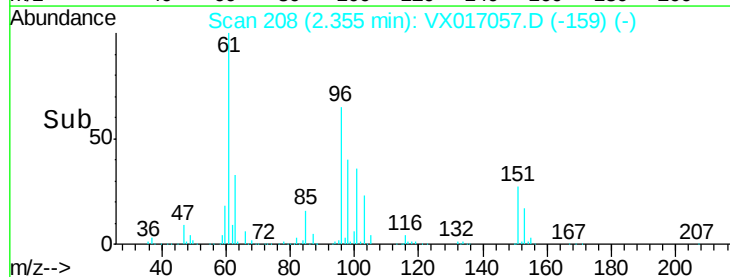
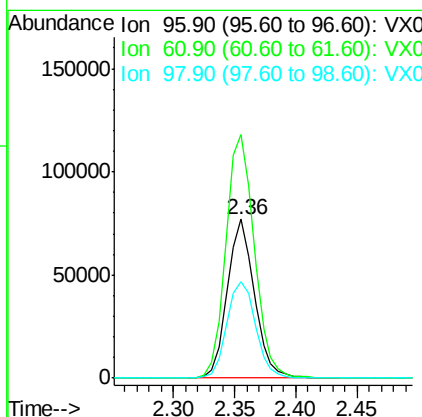
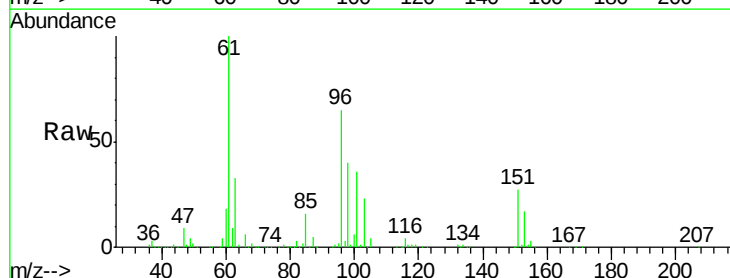
MMDadoda
7/1/2020 10:49:41 AM

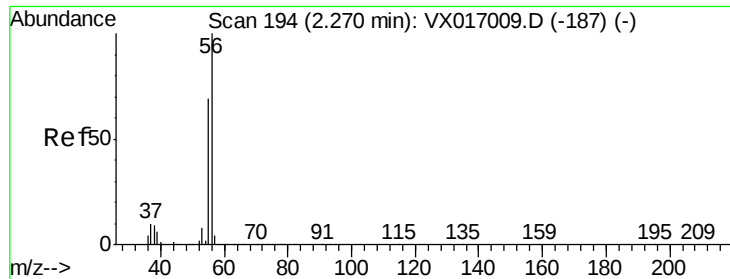


#12

1,1-Dichloroethene
Concen: 46.839 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.6	126.3	189.5
98	61.0	51.0	76.6





#13

Acrolein

Concen: 234.127 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 56 Resp: 83826

Ion Ratio Lower Upper

56 100

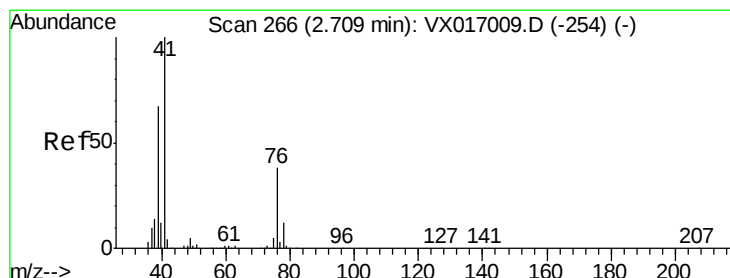
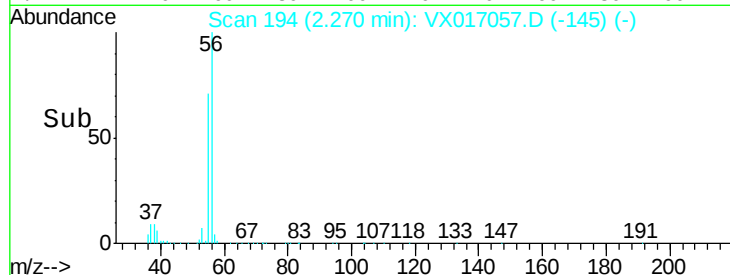
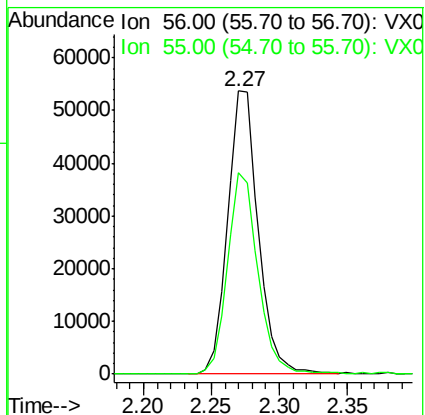
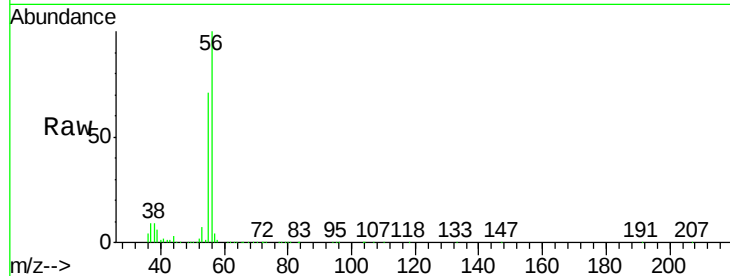
55 70.5 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 45.766 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

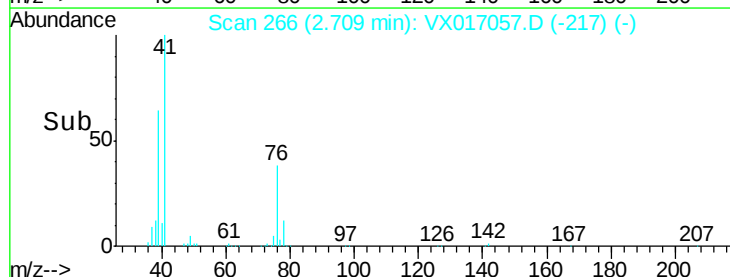
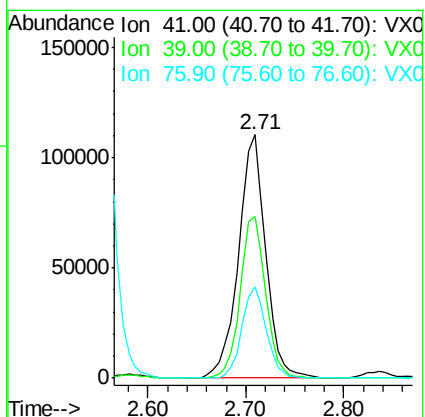
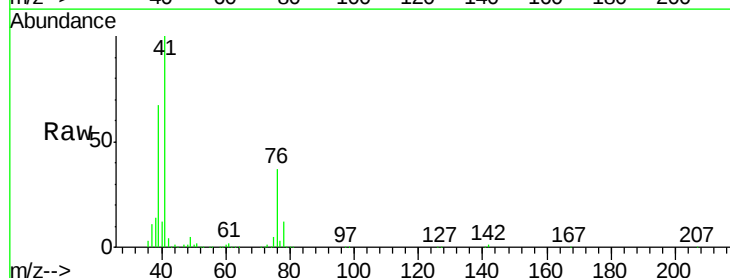
Tgt Ion: 41 Resp: 213108

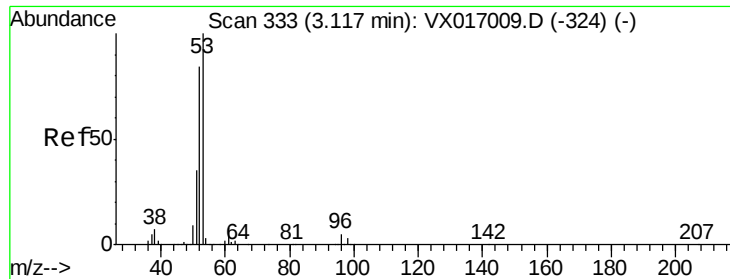
Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

76 33.8 26.8 40.2





#15

Acrylonitrile

Concen: 246.438 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

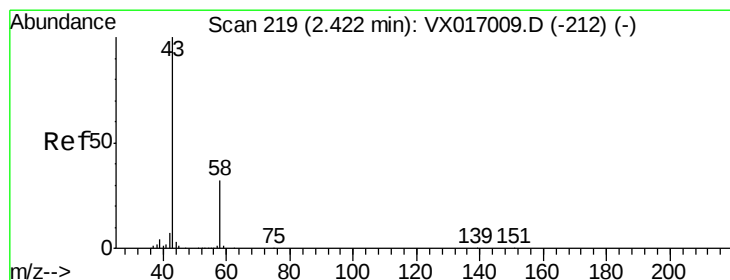
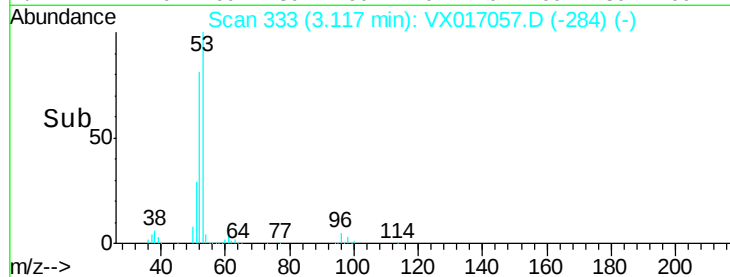
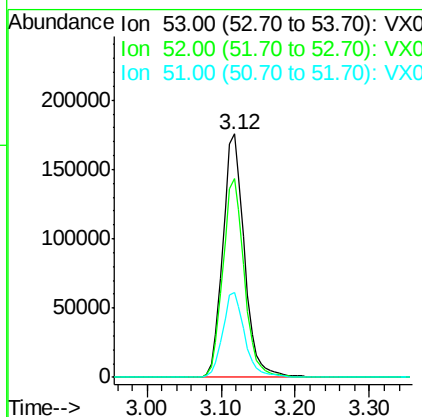
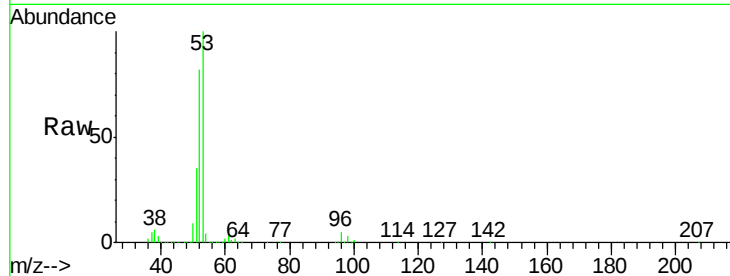
ClientSampleId :

61BR-20200624MSD

Tot Ion:	53	Resp:	354829
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.6	98.4
51	35.3	28.3	42.5

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#16

Acetone

Concen: 241.909 ug/l

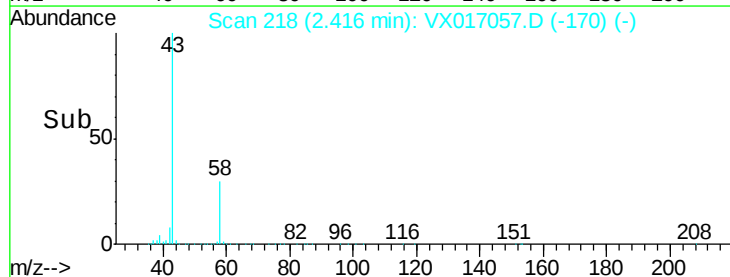
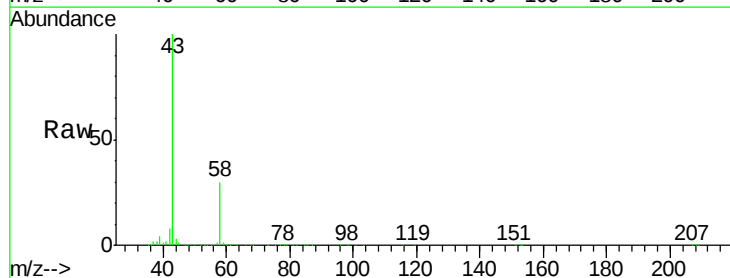
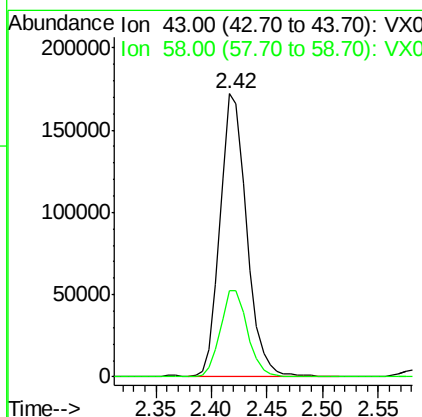
RT: 2.42 min Scan# 218

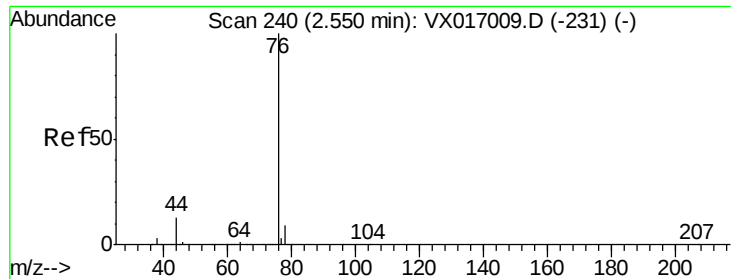
Delta R.T. -0.01 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion:	43	Resp:	284120
Ion Ratio	Lower	Upper	
43	100		
58	30.3	25.7	38.5





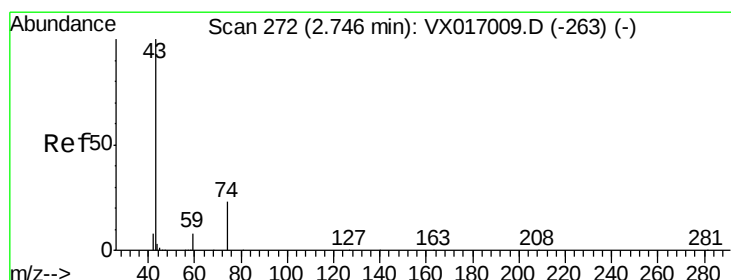
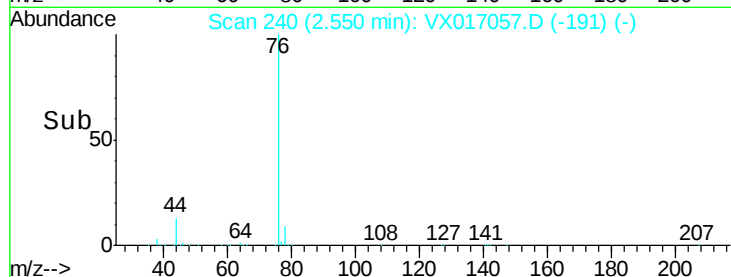
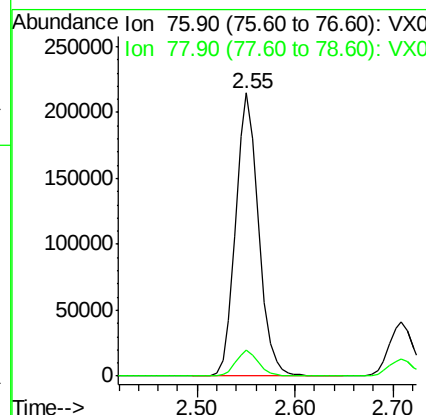
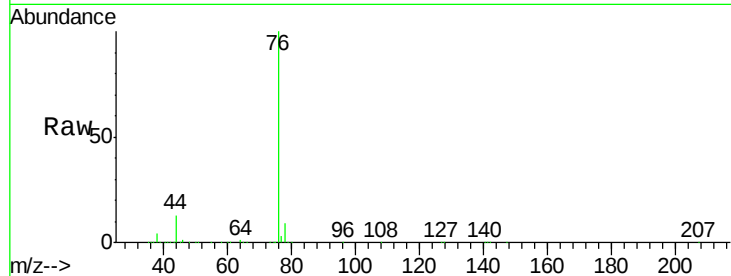
#17
Carbon Disulfide
Concen: 49.613 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

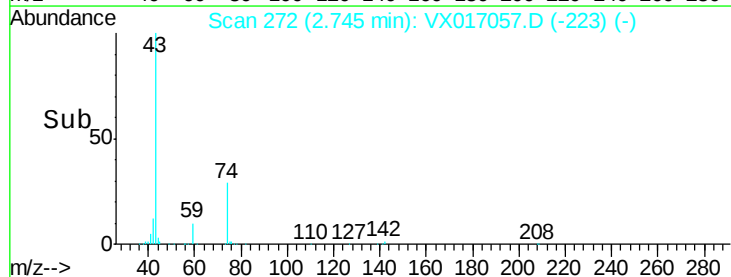
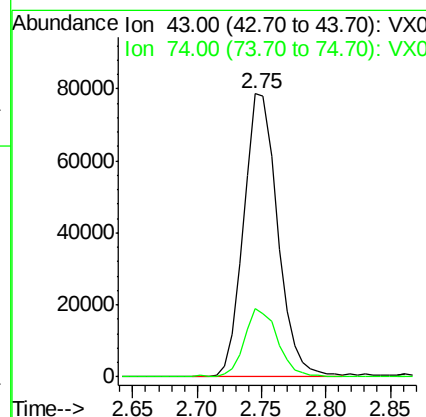
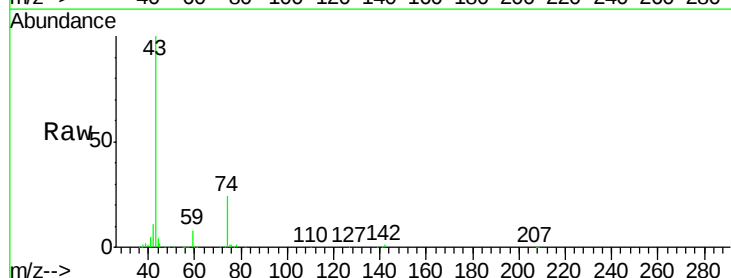
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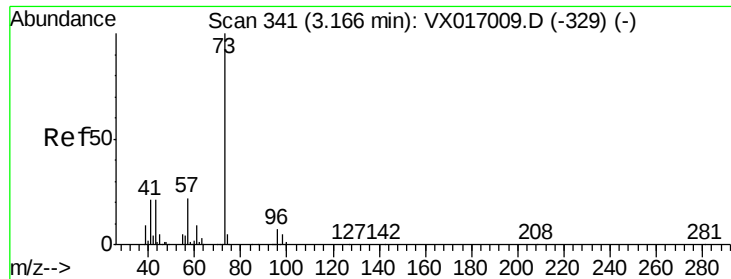
MMDadoda
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#18
Methyl Acetate
Concen: 46.629 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.3	28.9





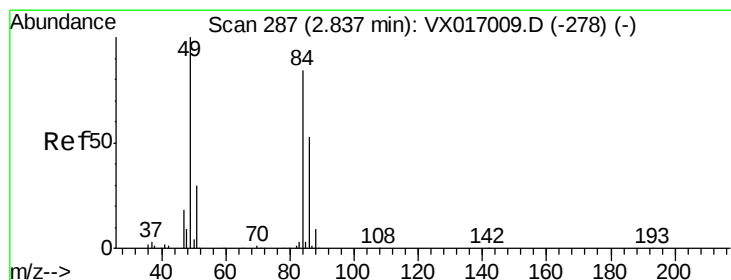
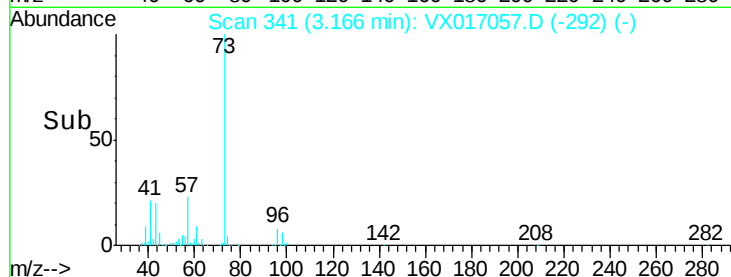
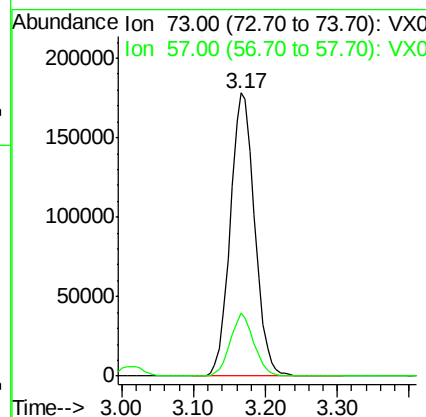
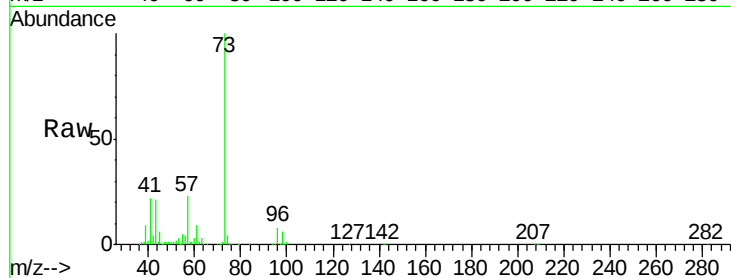
#19
Methyl tert-butyl Ether
Concen: 49.661 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.6	26.4

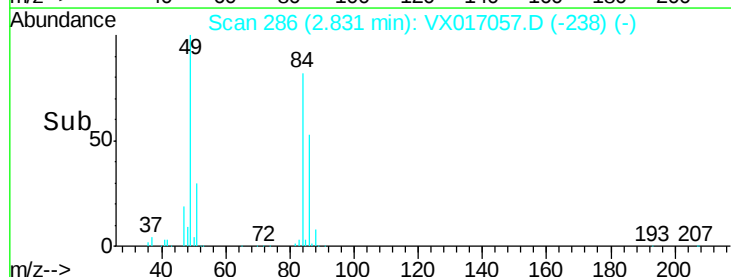
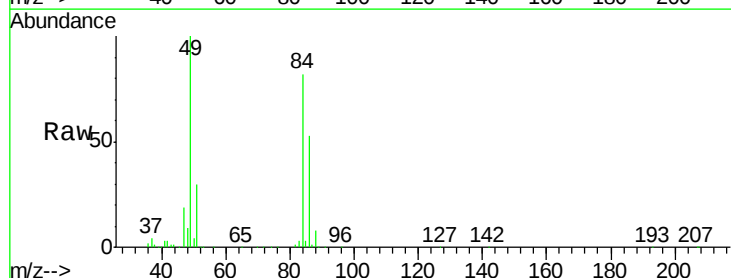
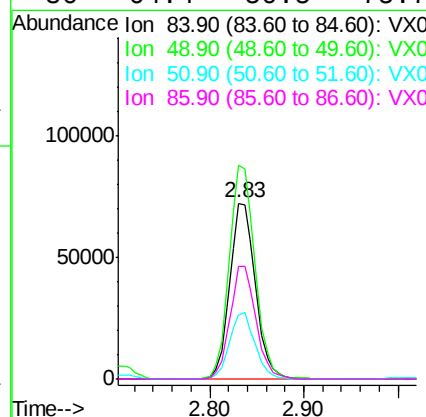
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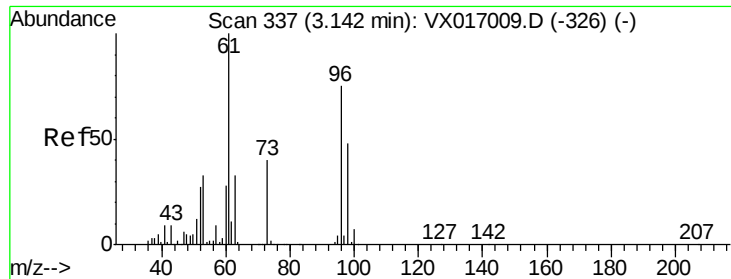
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#20
Methylene Chloride
Concen: 50.422 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.6	94.7	142.1
51	36.4	28.6	42.8
86	64.4	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 48.381 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 96 Resp: 135279

Ion Ratio Lower Upper

96 100

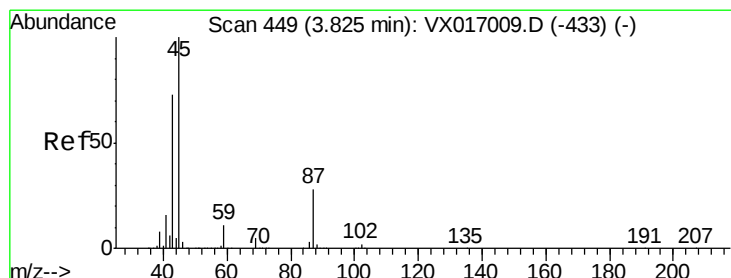
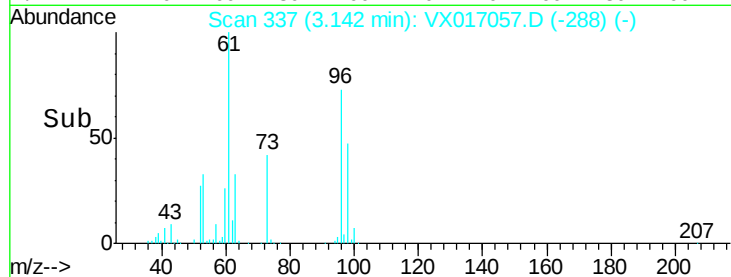
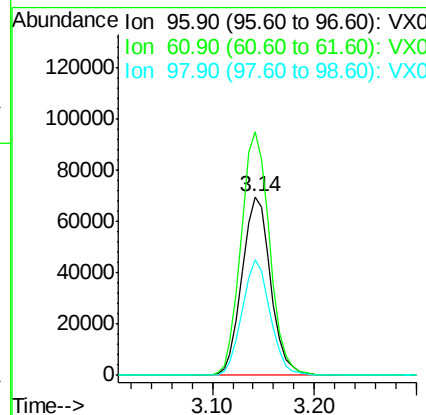
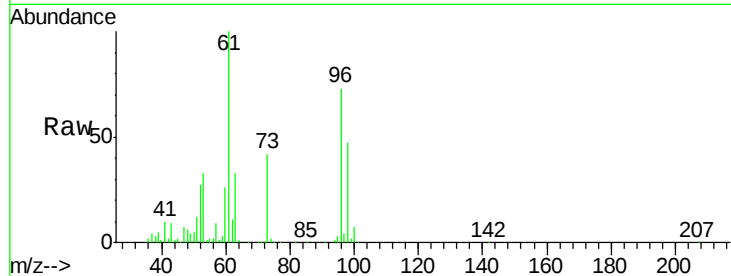
61 136.5 107.0 160.6

98 64.7 51.6 77.4

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#22

Diisopropyl ether

Concen: 48.669 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion: 45 Resp: 419450

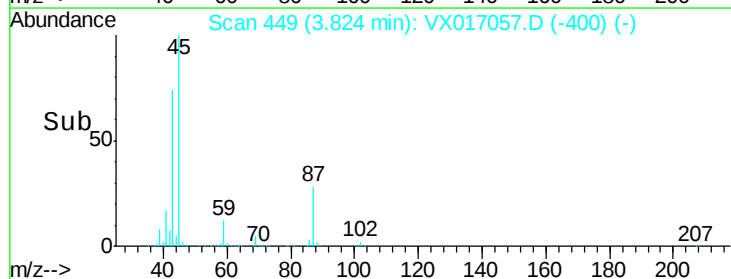
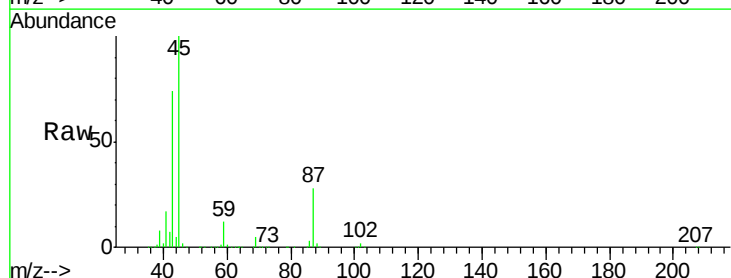
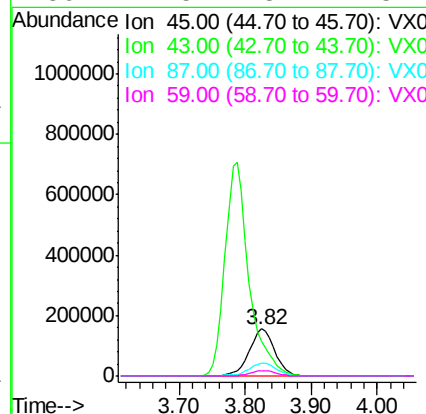
Ion Ratio Lower Upper

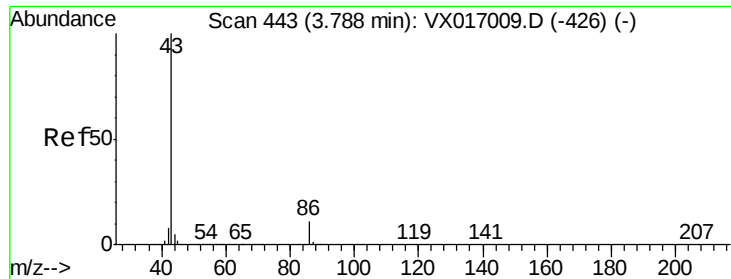
45 100

43 73.8 58.6 88.0

87 28.2 22.6 34.0

59 11.5 8.7 13.1





#23

Vinyl Acetate

Concen: 241.221 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 43 Resp: 1786436

Ion Ratio Lower Upper

43 100

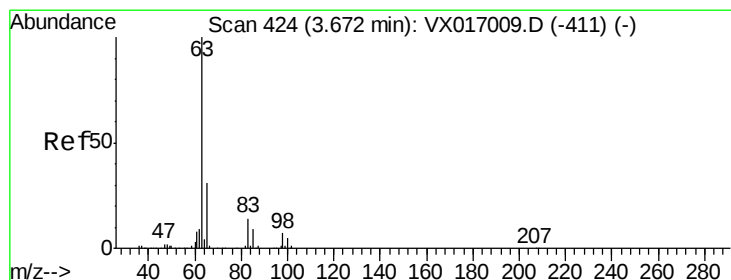
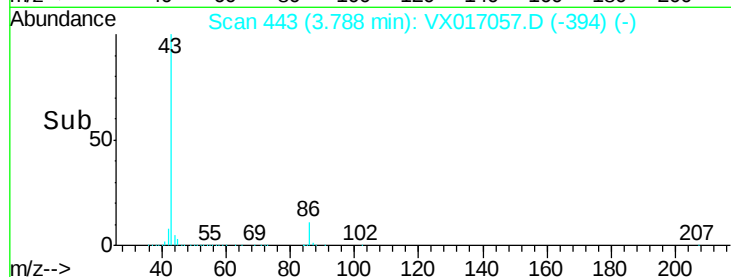
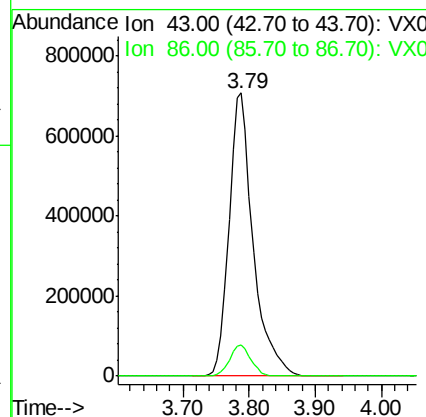
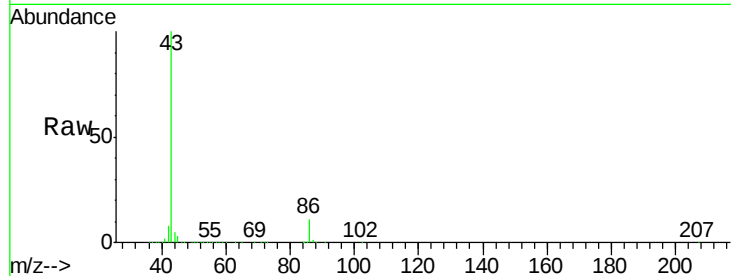
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 48.150 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

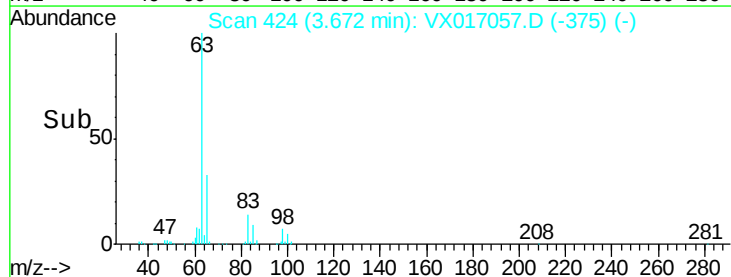
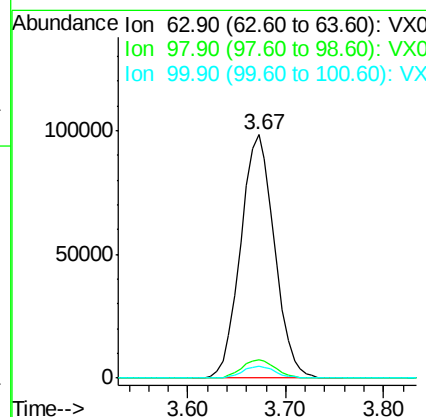
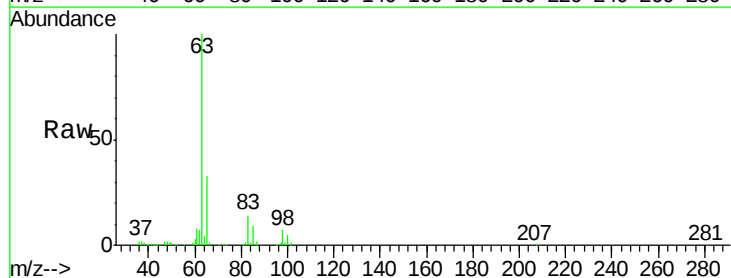
Tgt Ion: 63 Resp: 236119

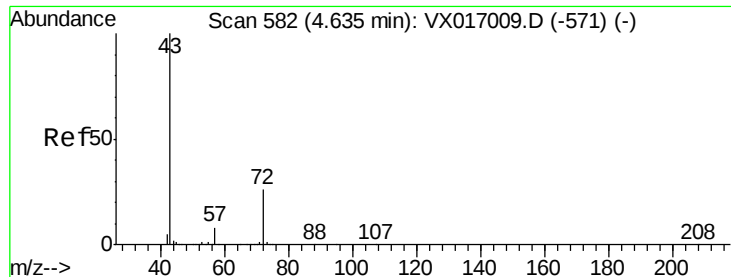
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 243.009 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 43 Resp: 475571

Ion Ratio Lower Upper

43 100

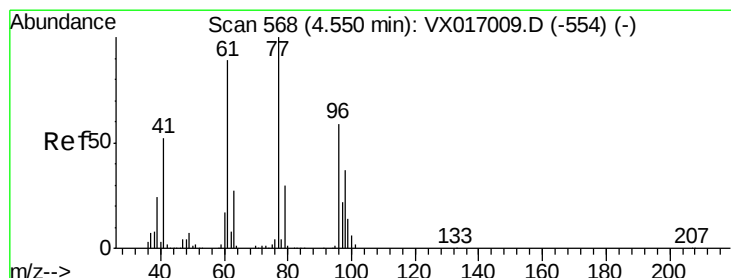
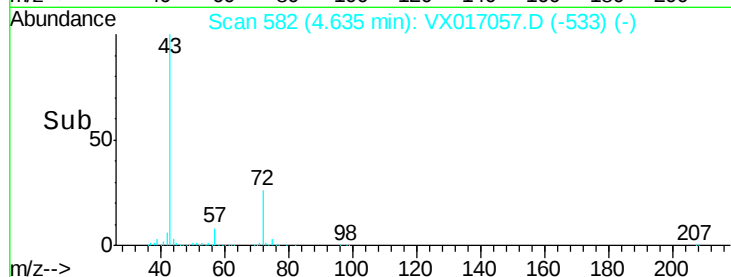
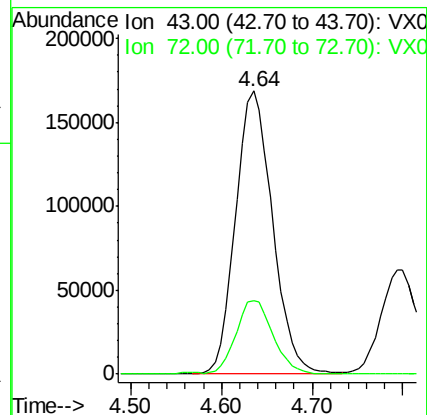
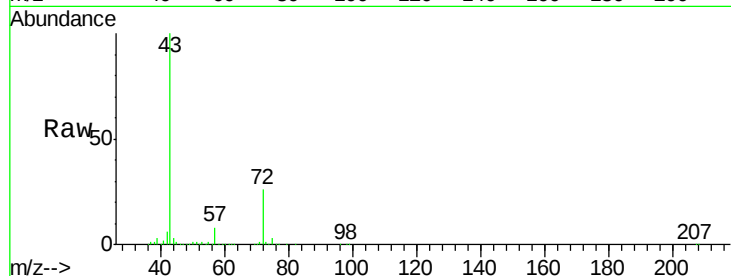
72 25.8 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.738 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017057.D

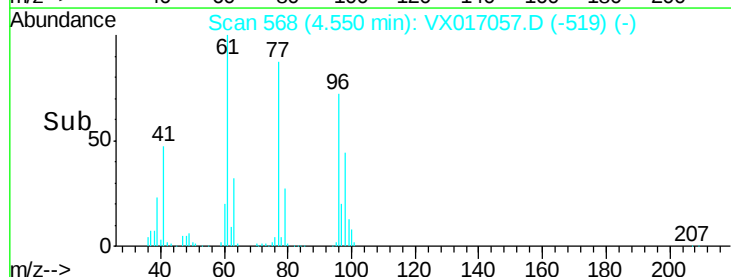
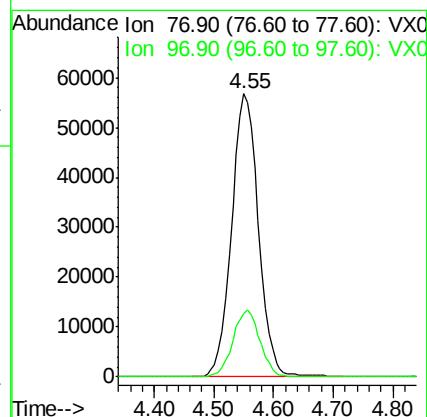
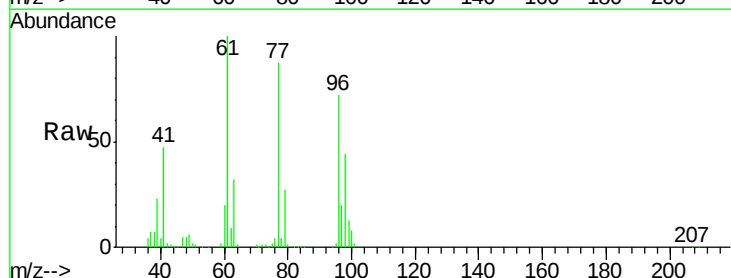
Acq: 30 Jun 2020 19:49

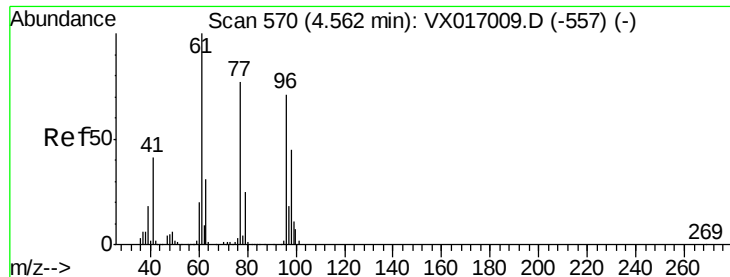
Tgt Ion: 77 Resp: 177377

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2





#27

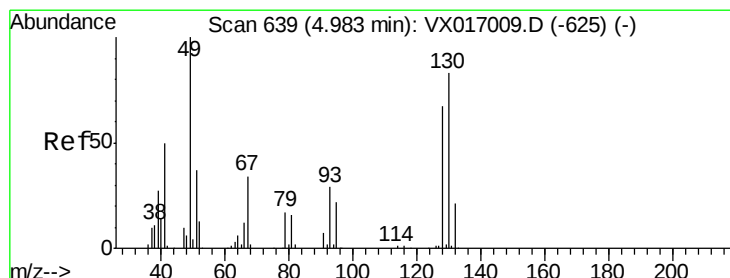
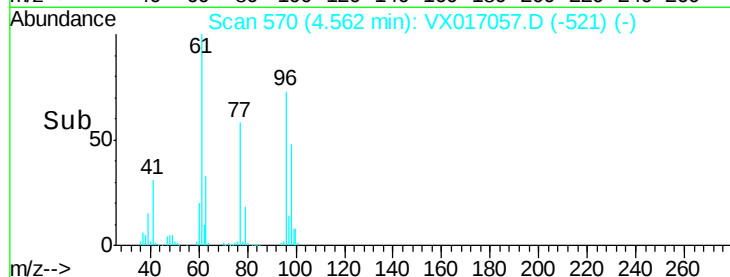
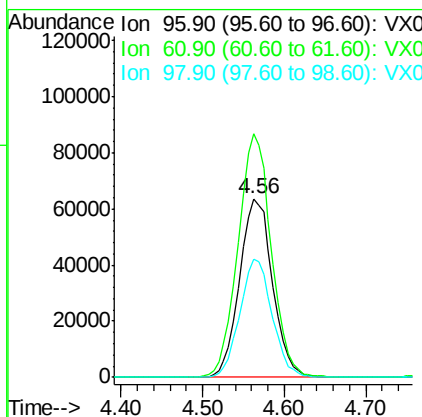
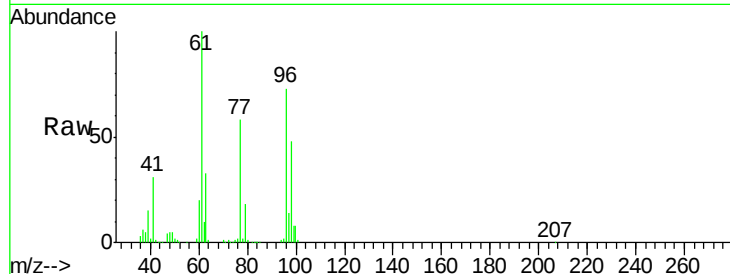
cis-1,2-Dichloroethene
Concen: 56.567 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	179215		
61	137.1	0.0	282.8	
98	64.3	0.0	127.6	

Manual Integrations
APPROVED

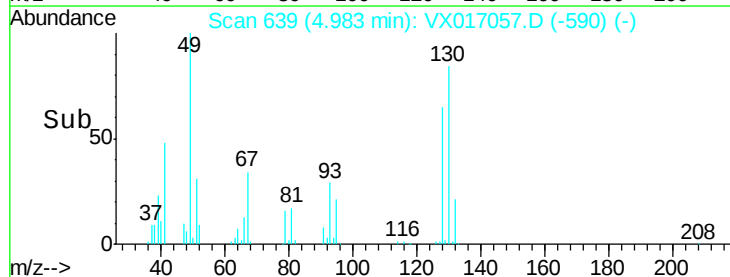
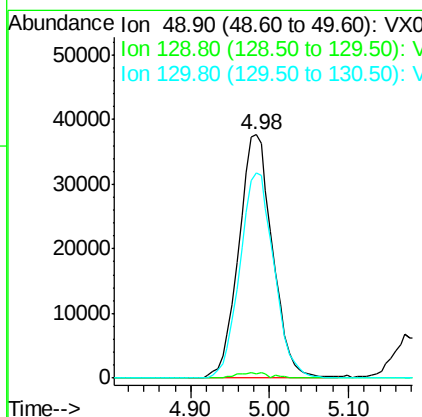
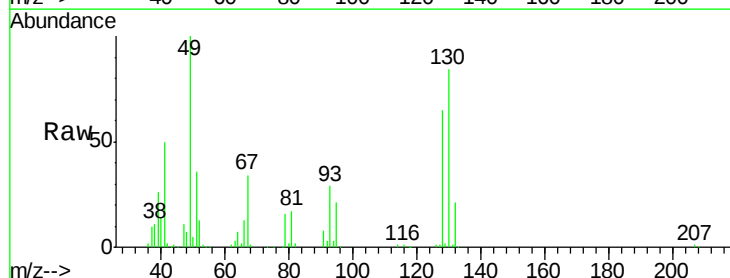
MMDadoda
7/1/2020 10:49:41 AM

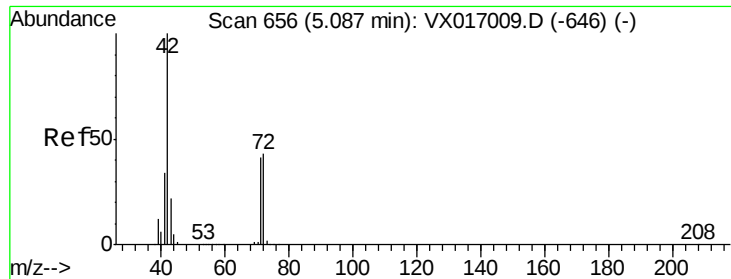


#28

Bromochloromethane
Concen: 47.123 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	112449		
129	2.1	0.0	4.2	
130	85.0	66.6	100.0	





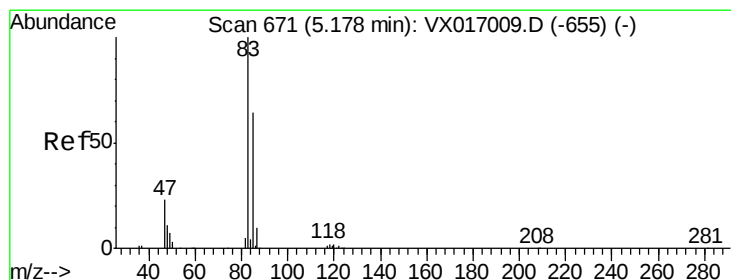
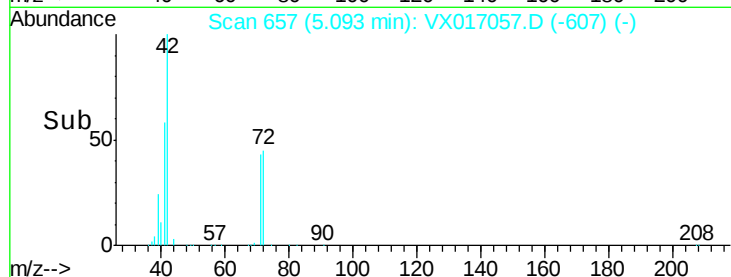
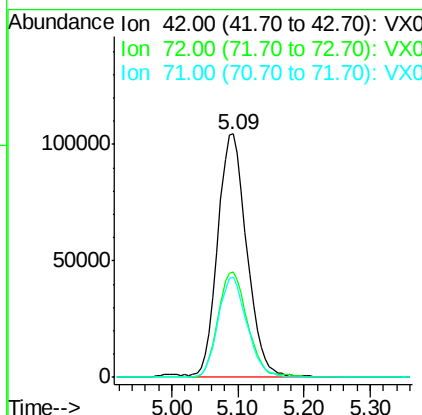
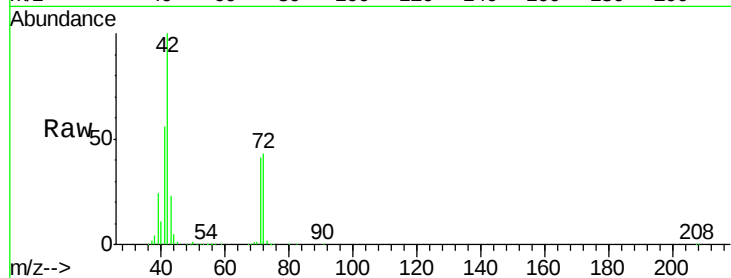
#29
Tetrahydrofuran
Concen: 246.301 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.3	52.9
71	41.0	33.1	49.7

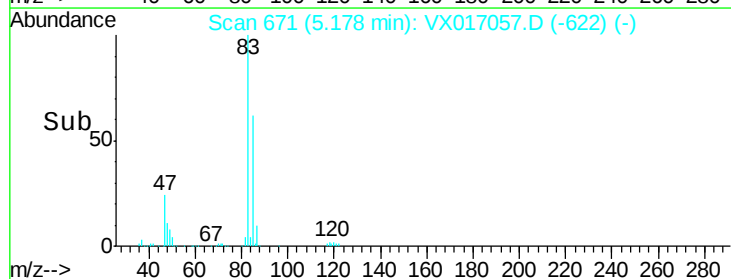
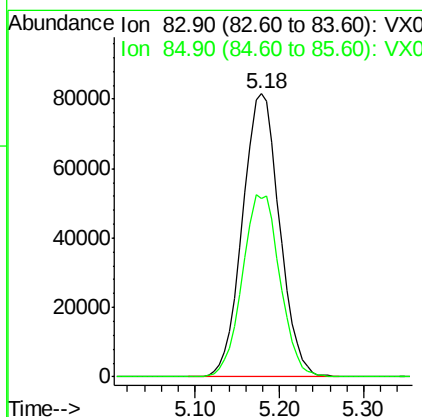
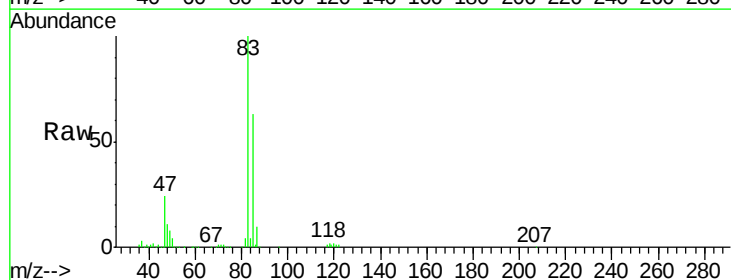
Manual Integrations
APPROVED

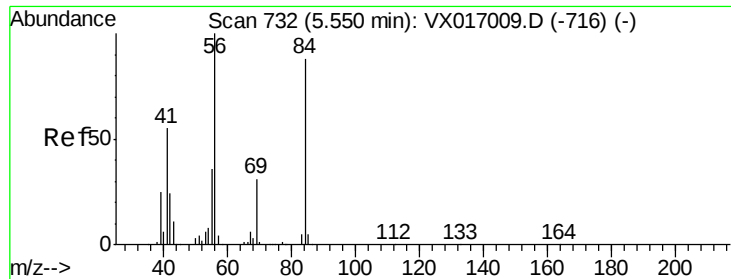
MMDadoda
7/1/2020 10:49:41 AM



#30
Chloroform
Concen: 48.397 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.4	77.2





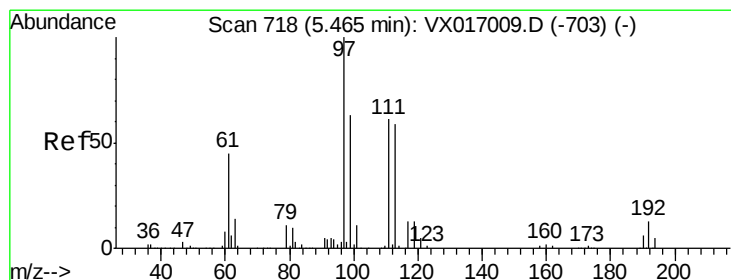
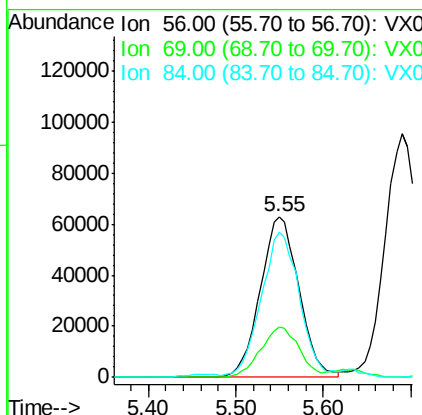
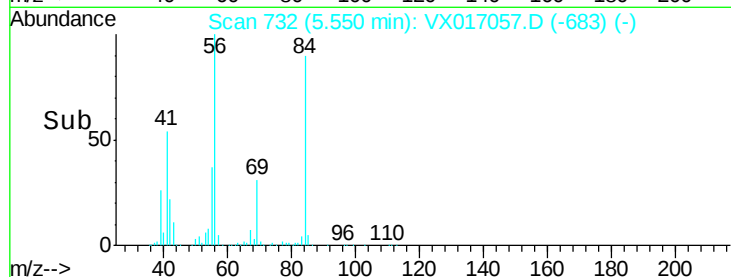
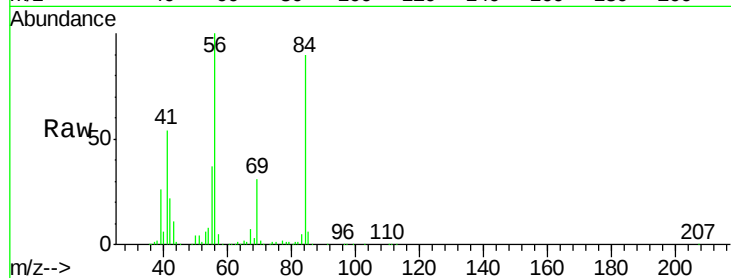
#31
Cyclohexane
Concen: 45.464 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.4
84	88.6	69.1	103.7

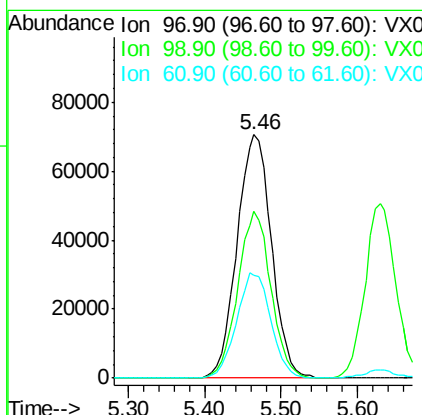
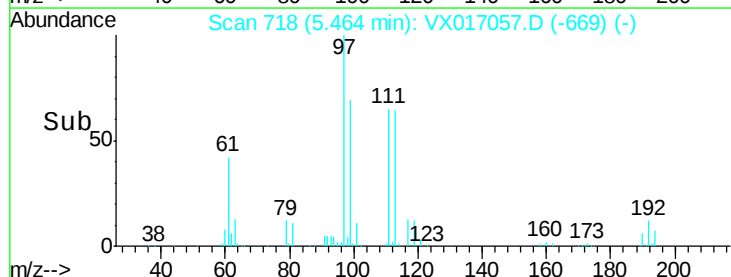
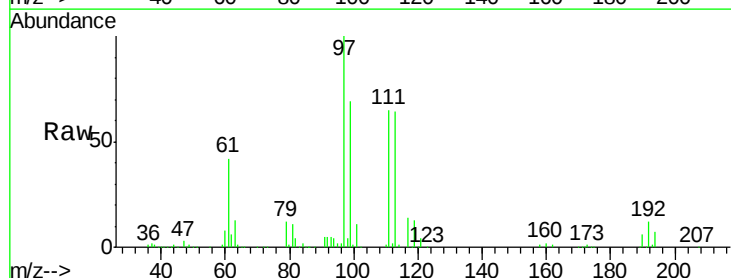
Manual Integrations
APPROVED

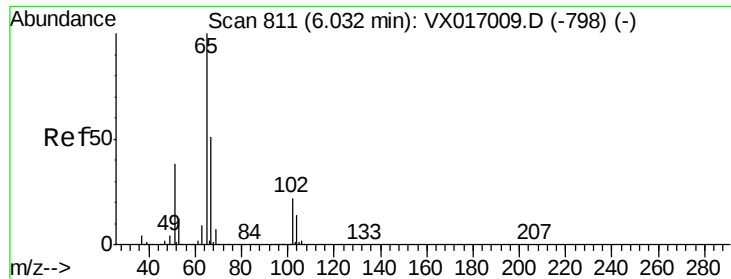
MMDadoda
7/1/2020 10:49:41 AM



#32
1,1,1-Trichloroethane
Concen: 47.619 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.8	76.2
61	42.9	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 50.589 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 65 Resp: 158829

Ion Ratio Lower Upper

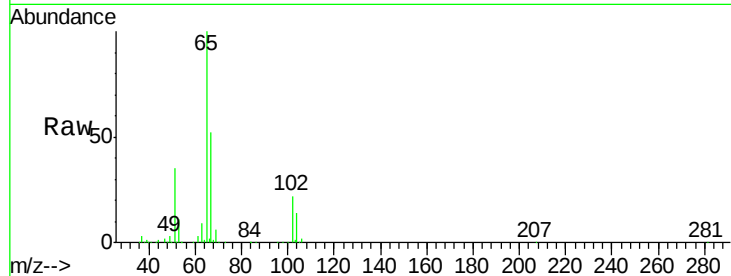
65 100

67 52.4 0.0 103.8

Manual Integrations
APPROVED

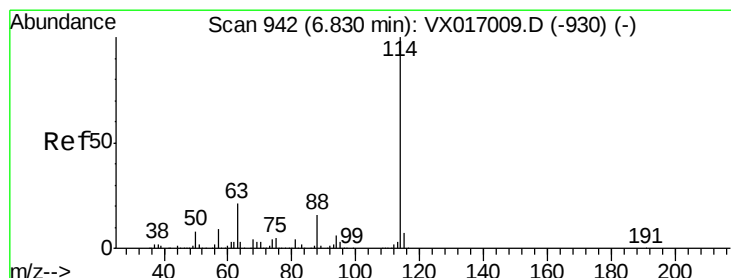
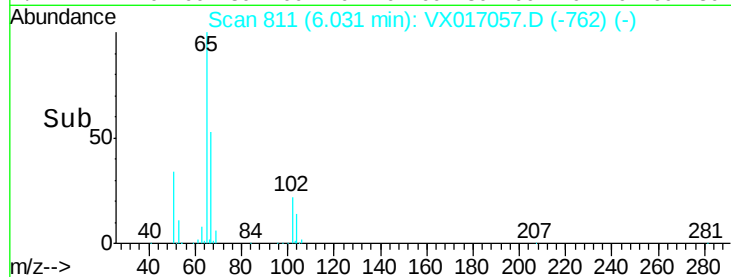
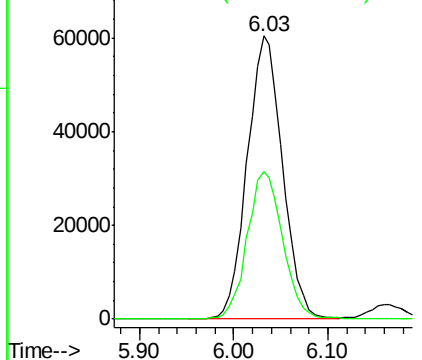
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

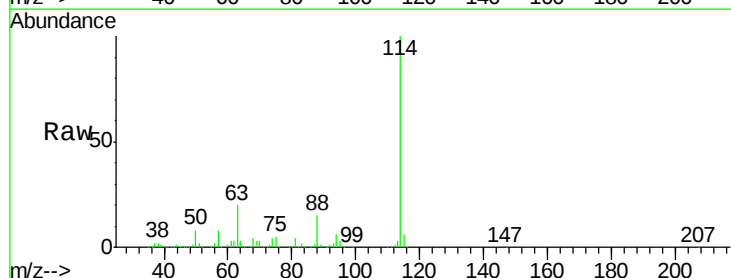
Tgt Ion: 114 Resp: 404534

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

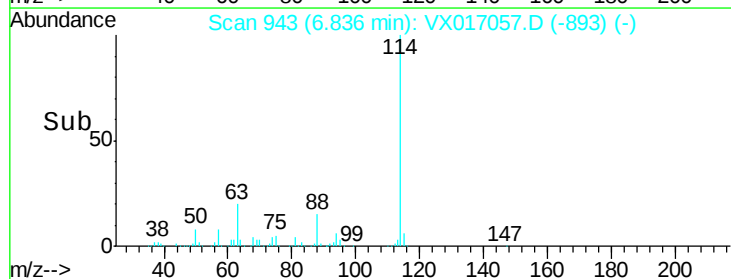
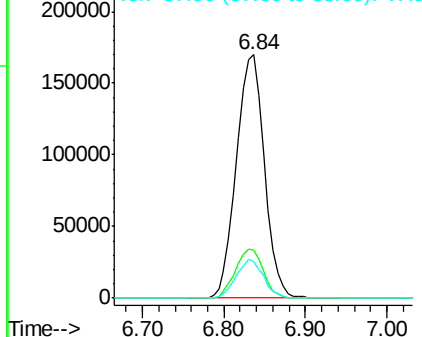
88 15.0 0.0 32.4

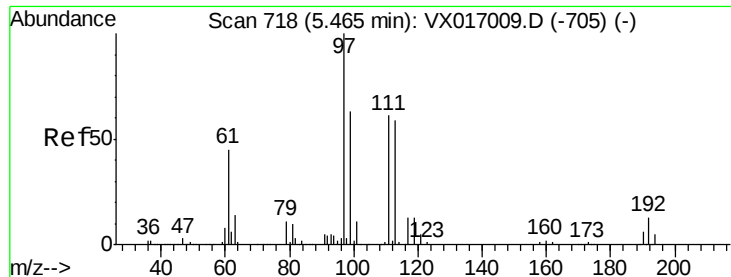


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





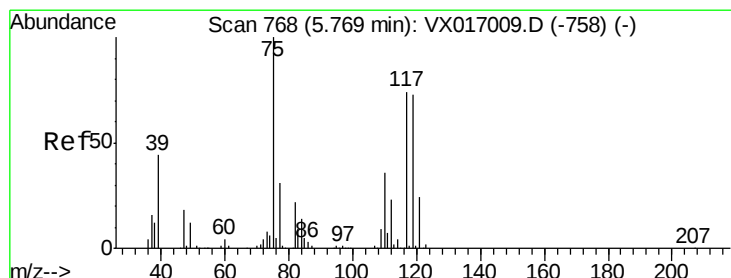
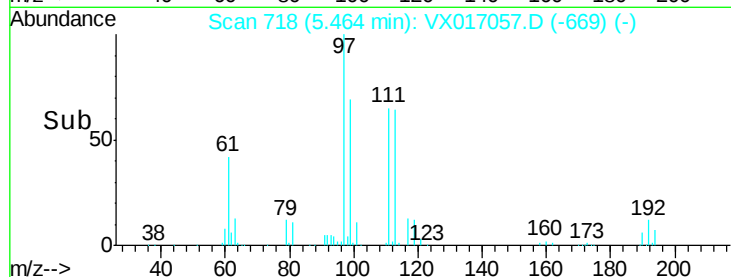
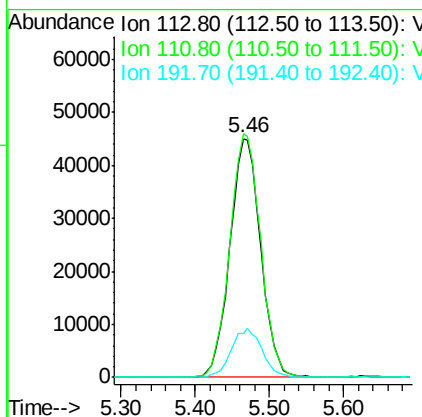
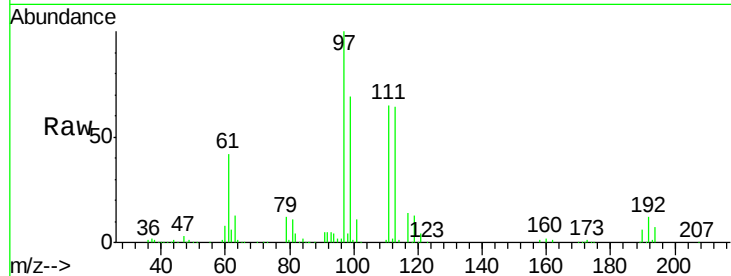
#35
 Dibromofluoromethane
 Concen: 50.873 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130182		
111	102.5	81.9	122.9	
192	20.5	16.7	25.1	

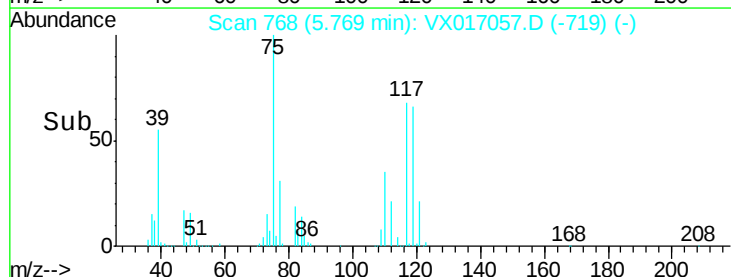
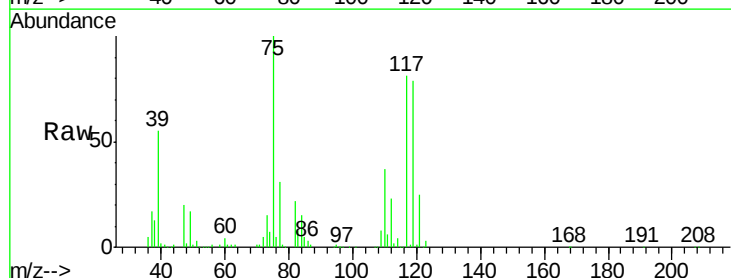
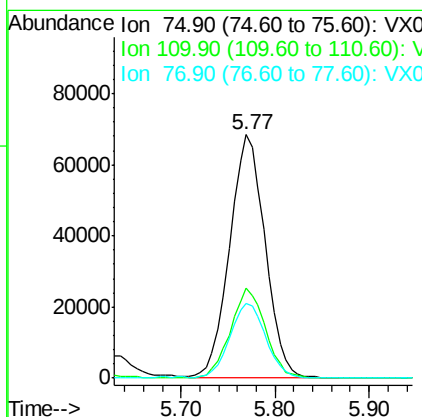
Manual Integrations
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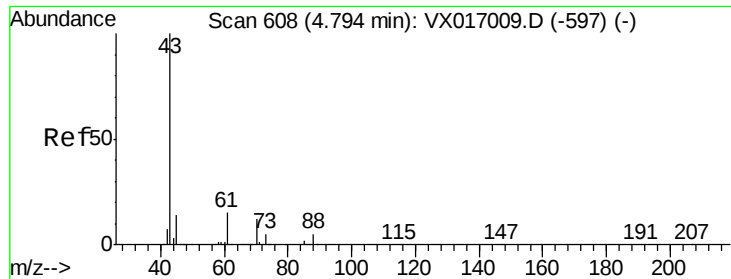
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#36
 1,1-Dichloropropene
 Concen: 46.843 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	179097		
110	36.5	18.1	54.1	
77	30.9	24.6	37.0	





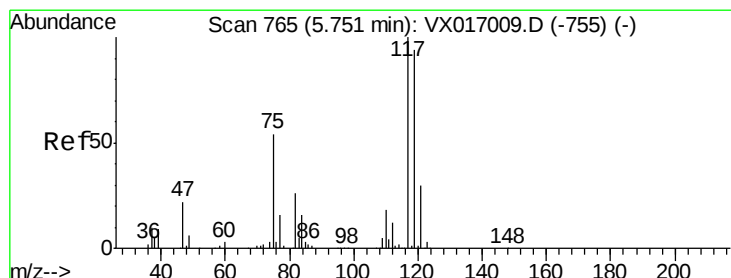
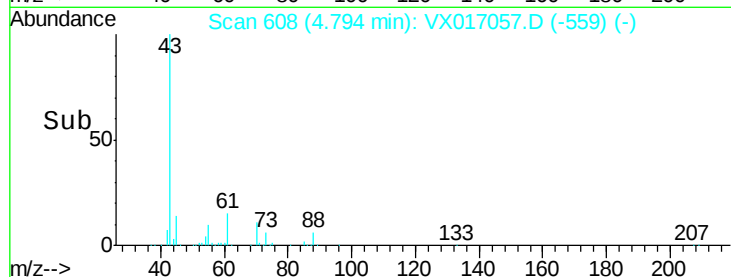
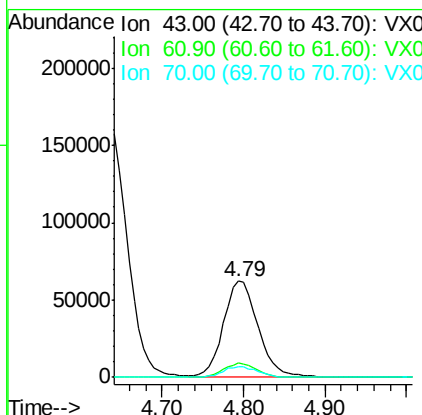
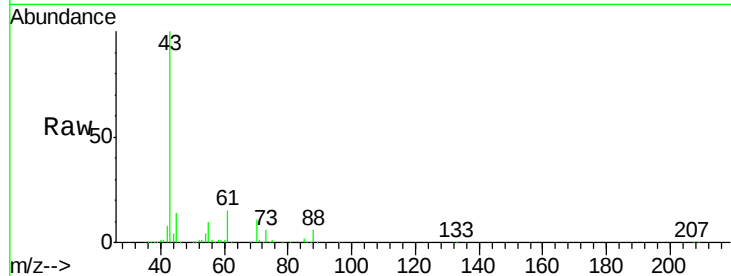
#37
Ethyl Acetate
Concen: 46.737 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	11.5	8.9	13.3

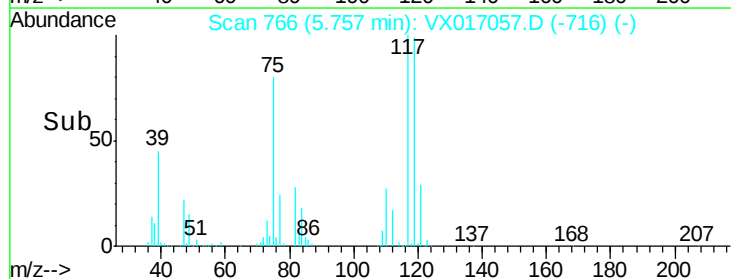
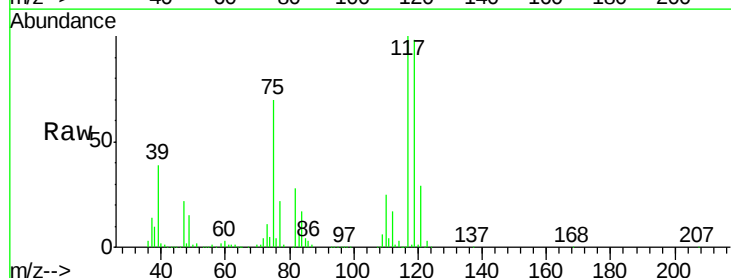
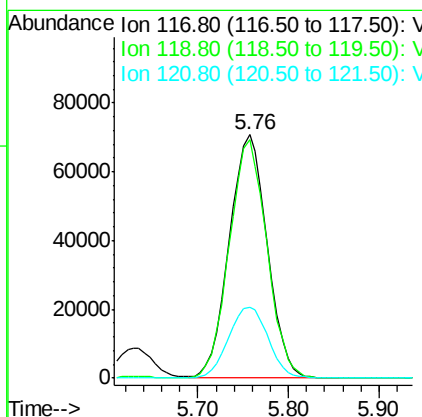
Manual Integrations
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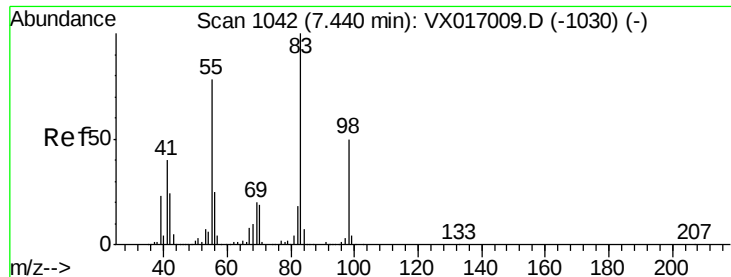
MMDadoda
7/1/2020 10:49:41 AM



#38
Carbon Tetrachloride
Concen: 48.691 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.4	113.0
121	29.3	23.8	35.6





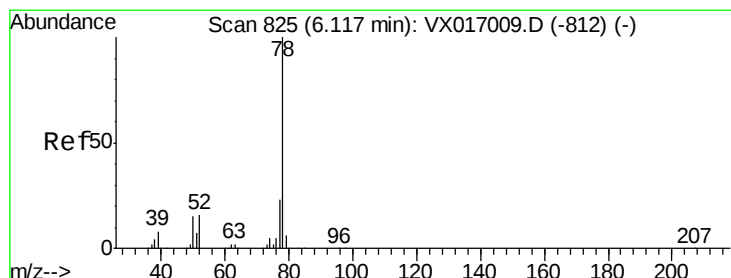
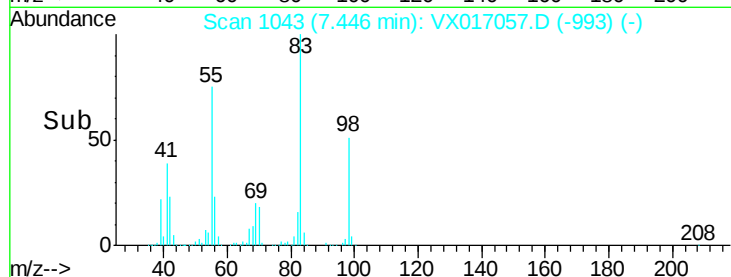
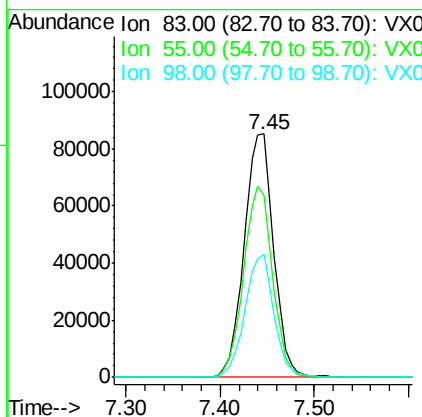
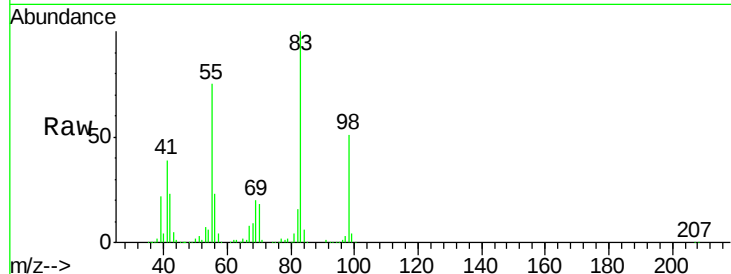
#39
Methvlcvclohexane
Concen: 44.076 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	187495		
55	74.8	62.5	93.7	
98	50.6	40.1	60.1	

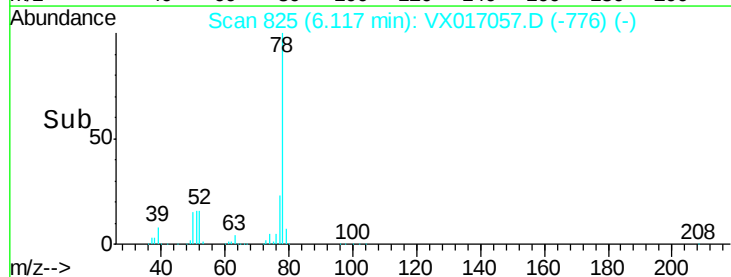
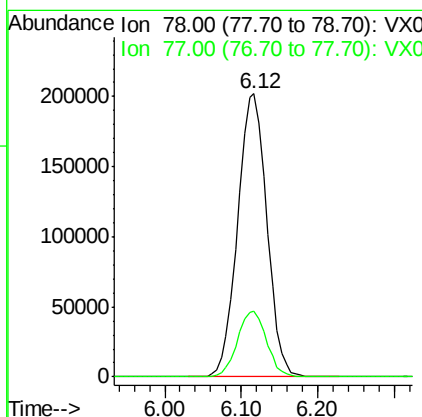
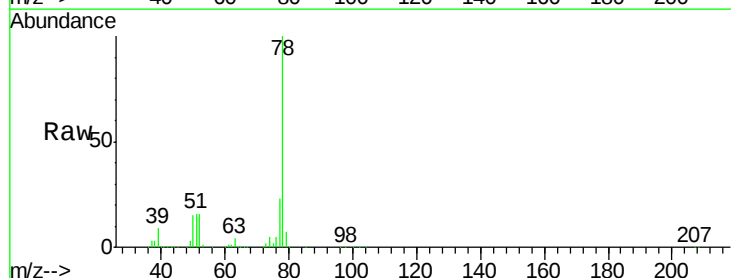
Manual Integrations
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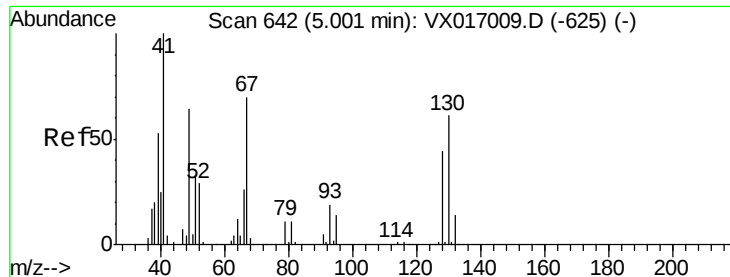
MMDadoda
7/1/2020 10:49:41 AM



#40
Benzene
Concen: 47.633 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	535087		
77	23.4	18.3	27.5	





#41

Methacrylonitrile

Concen: 47.881 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 41 Resp: 104538

Ion Ratio Lower Upper

41 100

39 55.0 44.4 66.6

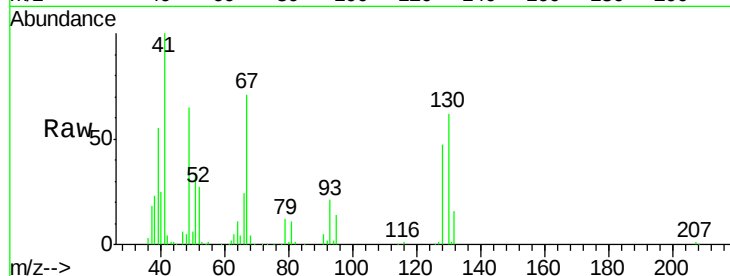
67 74.1 57.1 85.7

52 28.7 23.2 34.8

Manual Integrations
APPROVED

MMDadoda

7/1/2020 10:49:41 AM

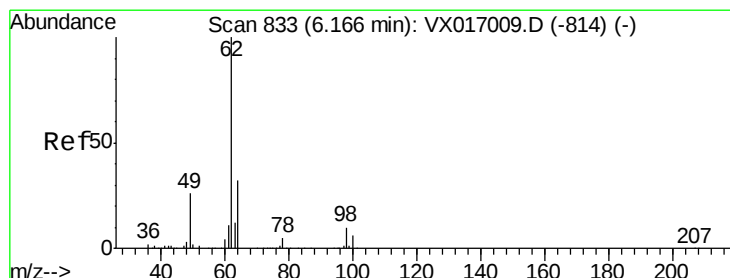
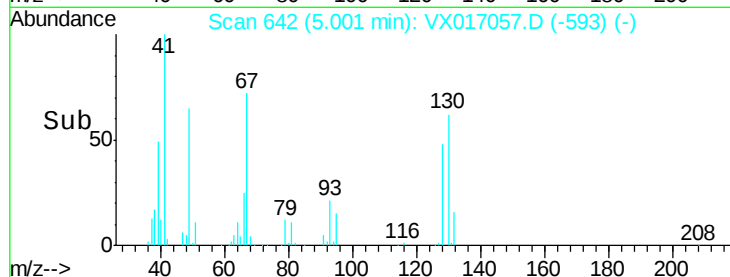
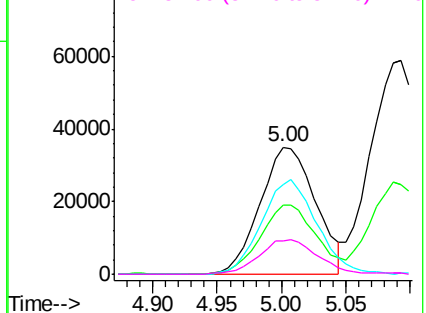


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.550 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017057.D

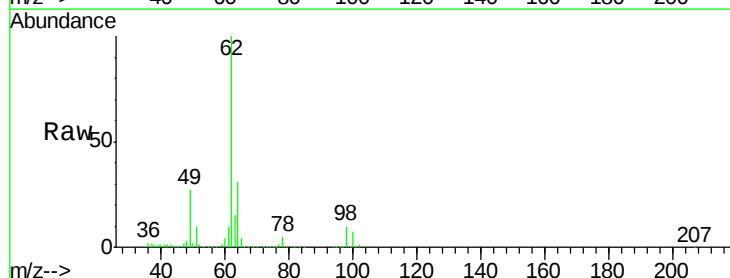
Acq: 30 Jun 2020 19:49

Tgt Ion: 62 Resp: 197000

Ion Ratio Lower Upper

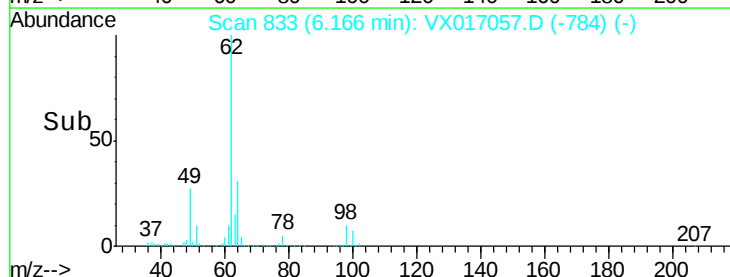
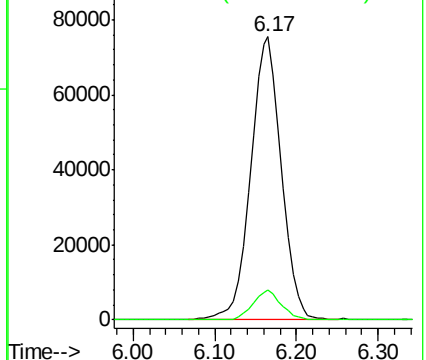
62 100

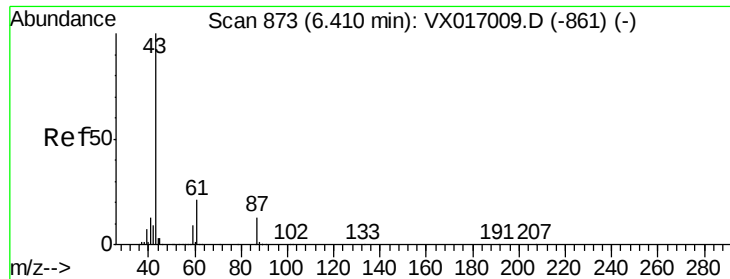
98 9.7 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





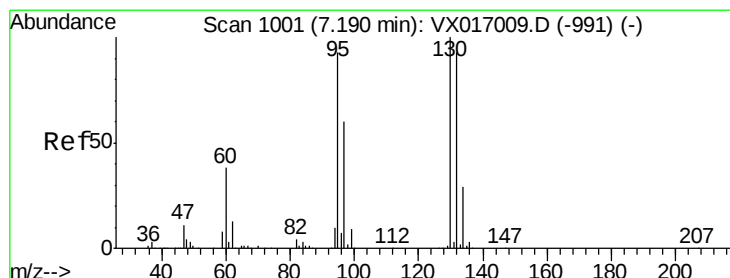
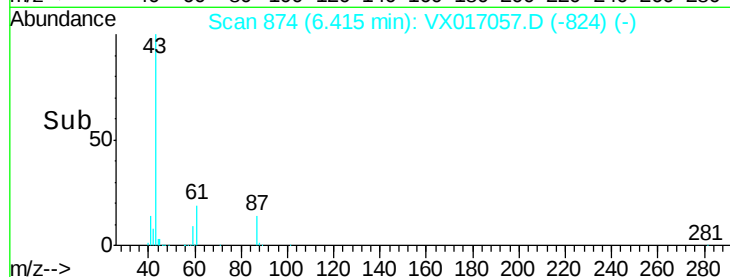
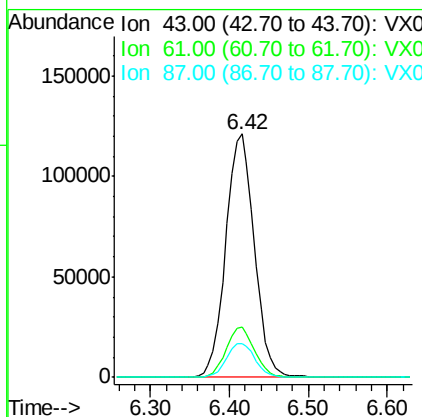
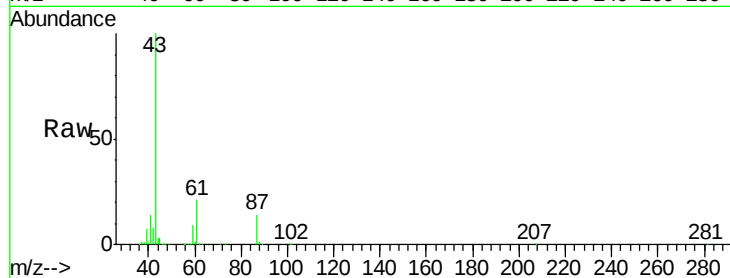
#43
Isopropyl Acetate
Concen: 47.111 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.2	24.2
87	14.1	10.7	16.1

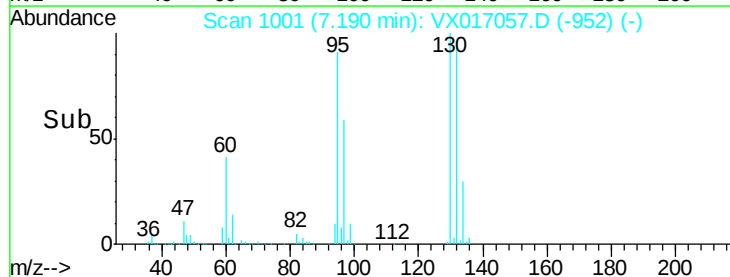
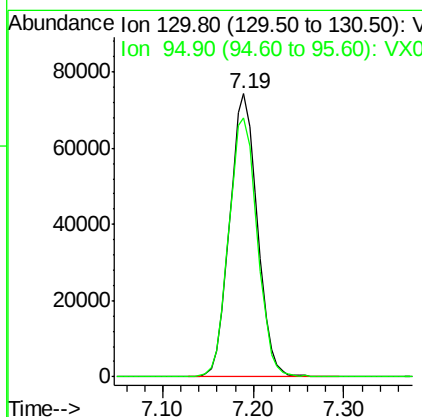
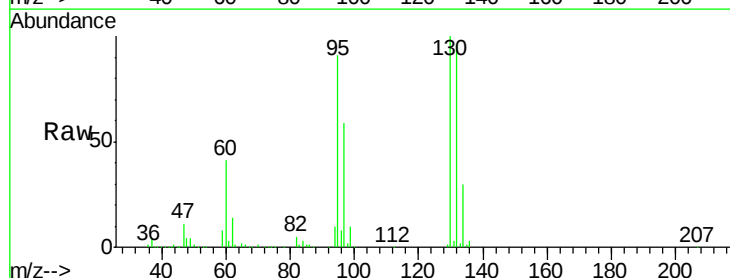
Manual Integrations
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7/1/2020 10:49:41 AM



#44
Trichloroethene
Concen: 50.846 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	185.0





#45

1,2-Dichloropropane

Concen: 48.458 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 63 Resp: 139814

Ion Ratio Lower Upper

63 100

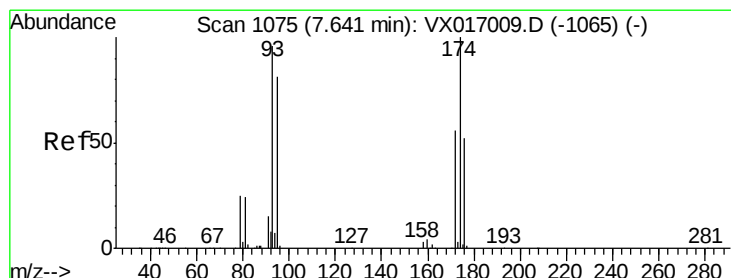
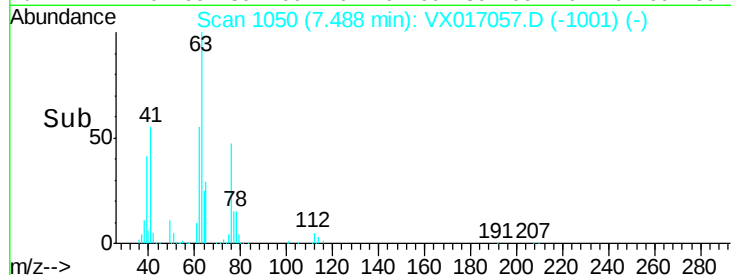
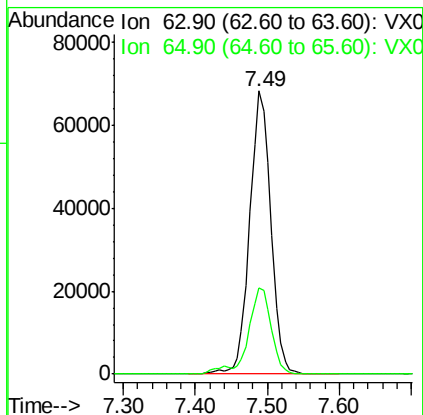
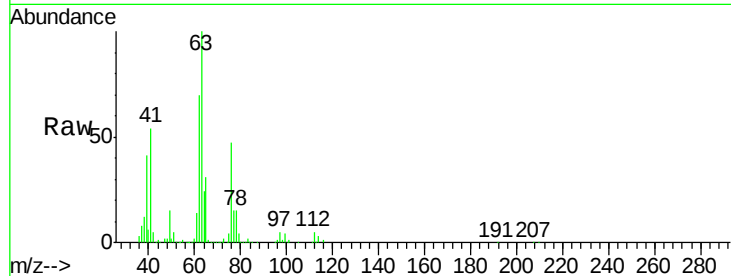
65 30.6 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 49.497 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

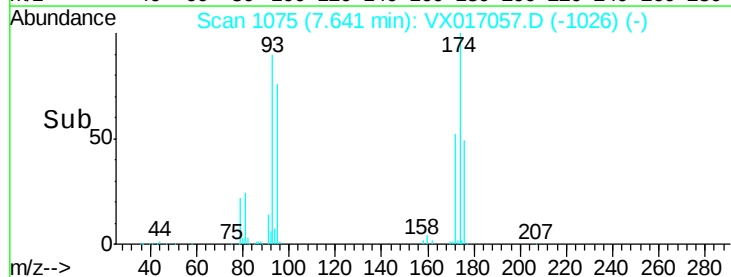
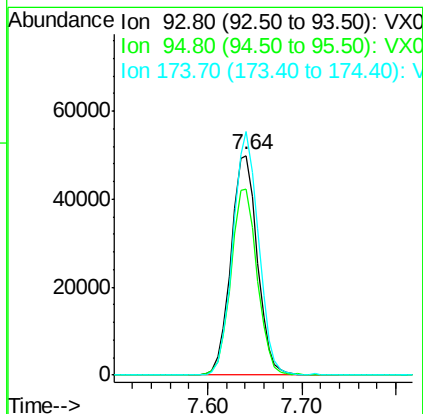
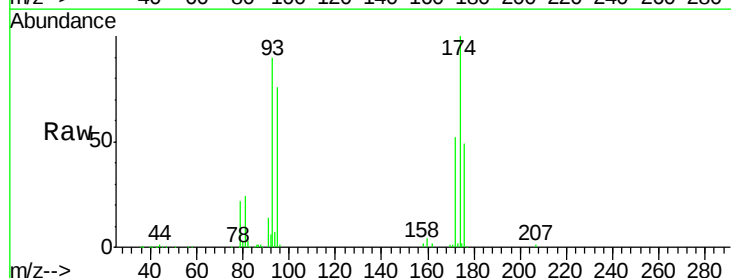
Tgt Ion: 93 Resp: 97500

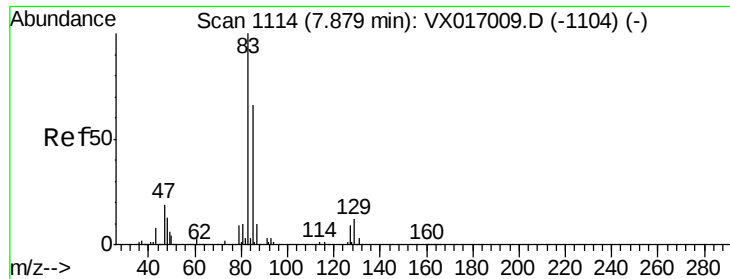
Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.0

174 107.2 84.3 126.5





#47

Bromodichloromethane

Concen: 49.654 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

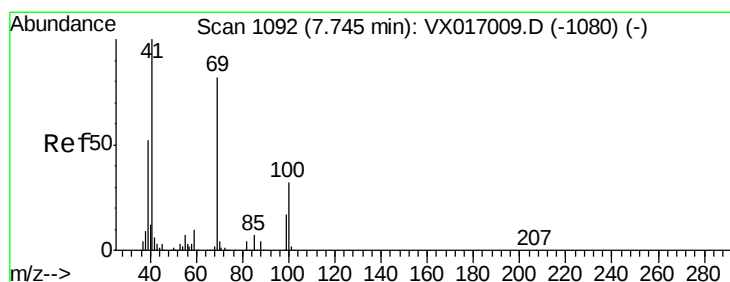
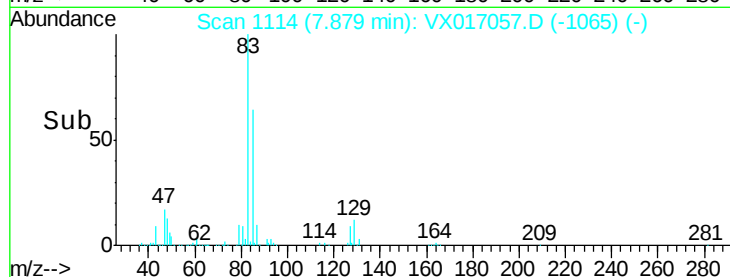
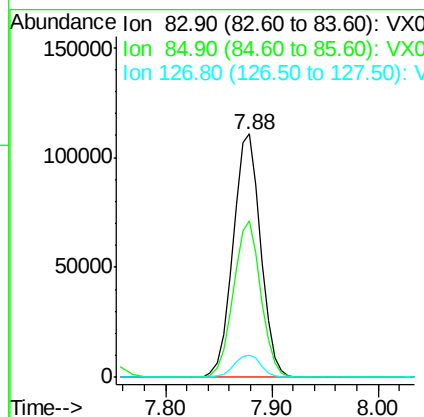
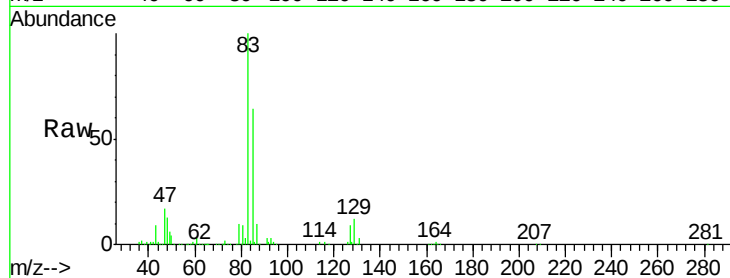
ClientSampleId :

61BR-20200624MSD

Tot Ion:	83	Resp:	201568
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.0	79.4
127	9.3	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.737 ug/l

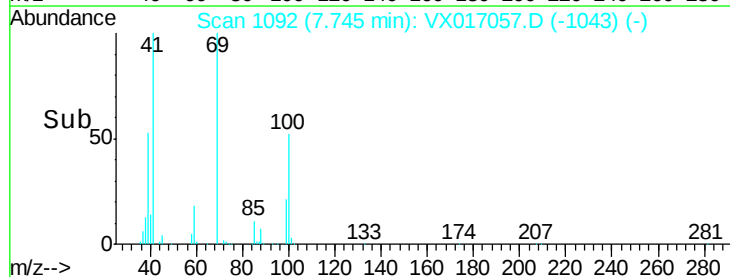
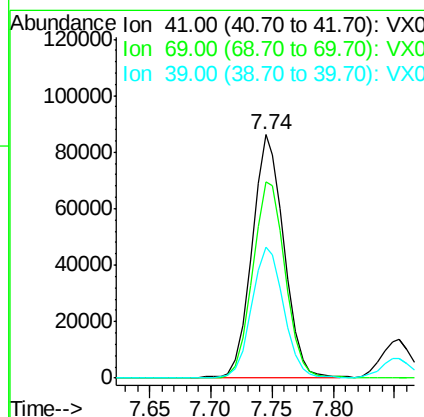
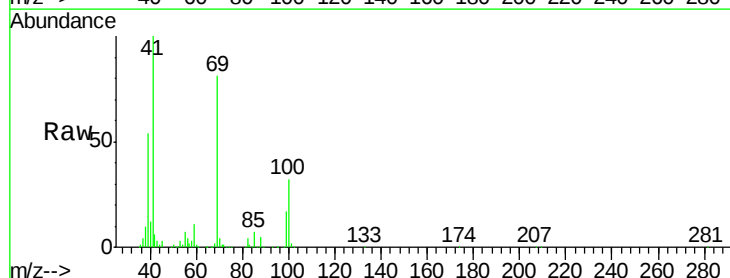
RT: 7.74 min Scan# 1092

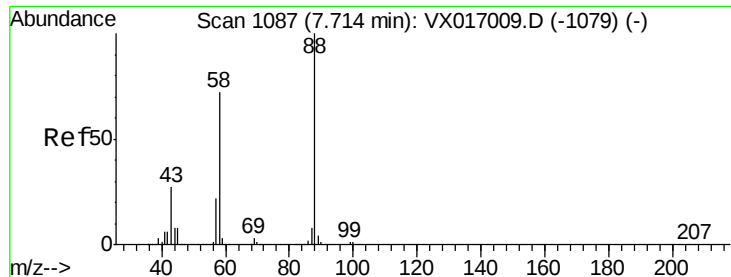
Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion:	41	Resp:	155381
Ion Ratio	Lower	Upper	
41	100		
69	83.2	65.8	98.8
39	54.5	42.5	63.7





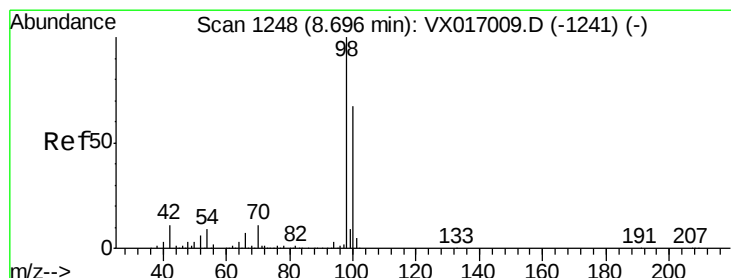
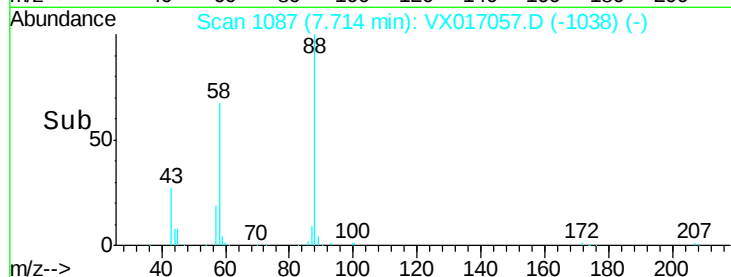
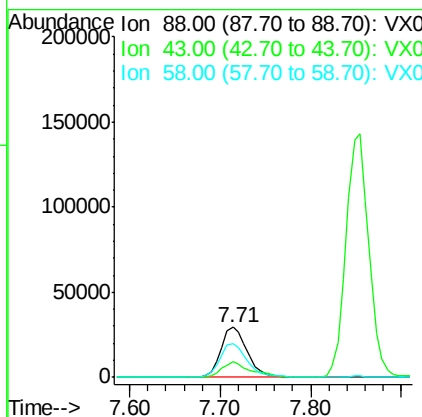
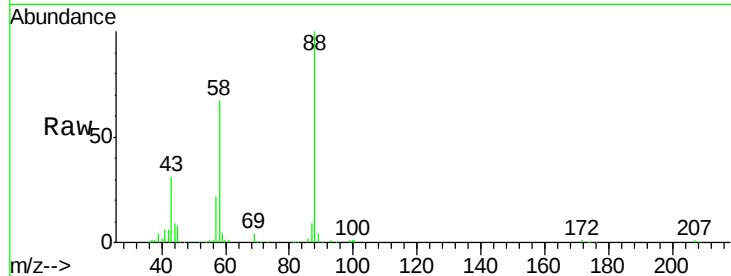
#49
1,4-Dioxane
Concen: 858.702 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.8	38.8
58	69.8	54.8	82.2

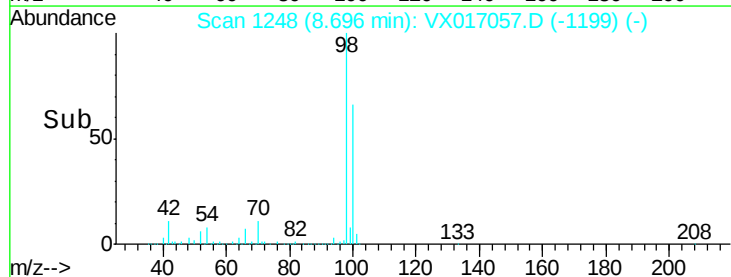
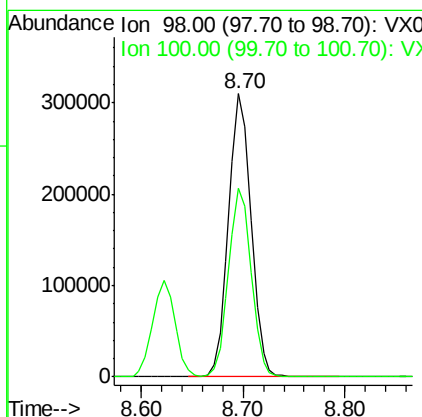
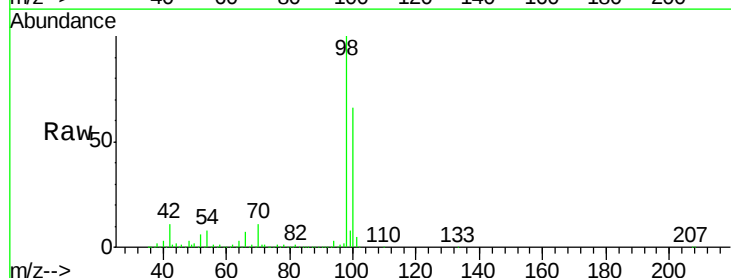
Manual Integrations
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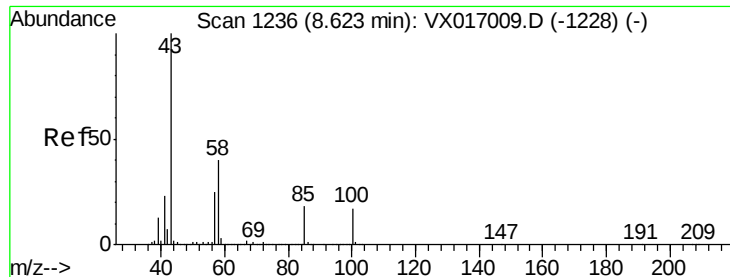
MMDadoda
7/1/2020 10:49:41 AM



#50
Toluene-d8
Concen: 50.095 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 247.338 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 43 Resp: 950399

Ion Ratio Lower Upper

43 100

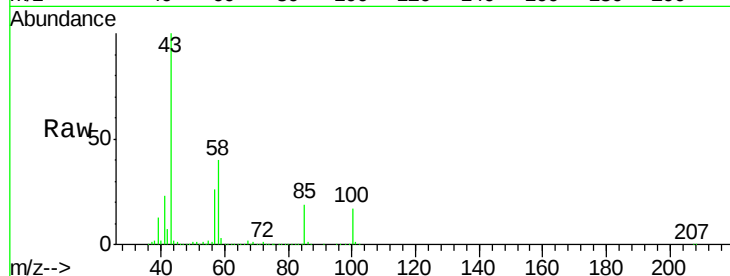
58 39.9 31.9 47.9

Manual Integrations

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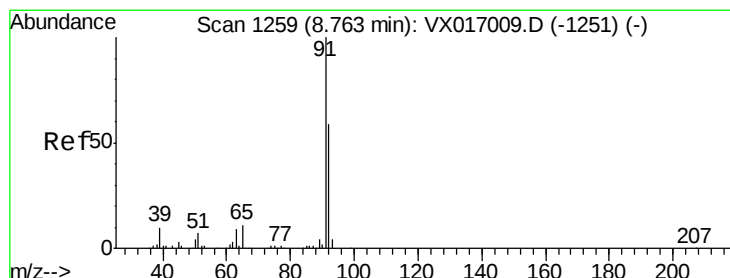
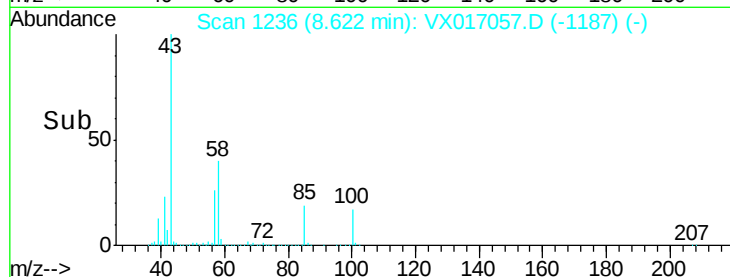
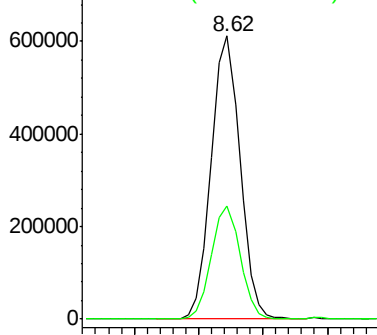
MMDadoda

7/1/2020 10:49:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.618 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017057.D

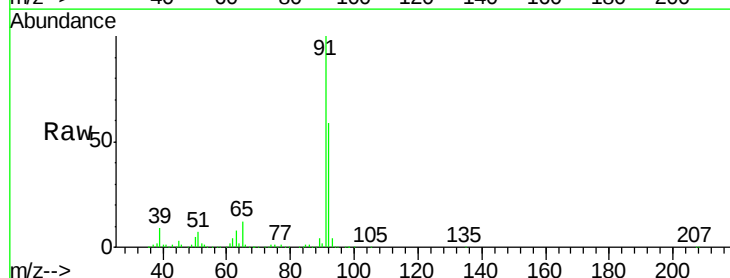
Acq: 30 Jun 2020 19:49

Tgt Ion: 92 Resp: 340986

Ion Ratio Lower Upper

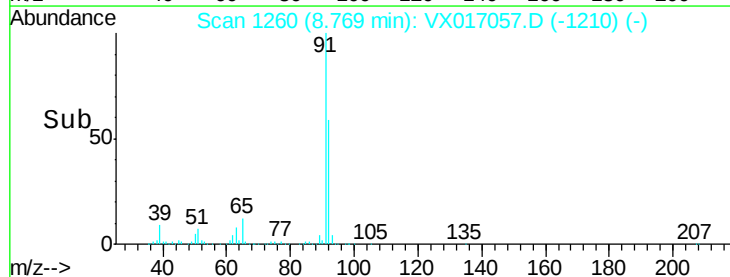
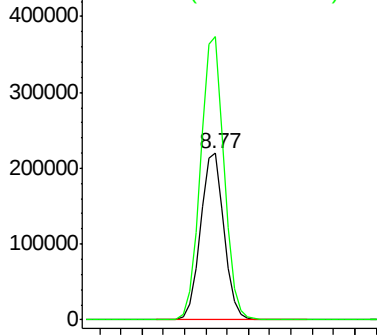
92 100

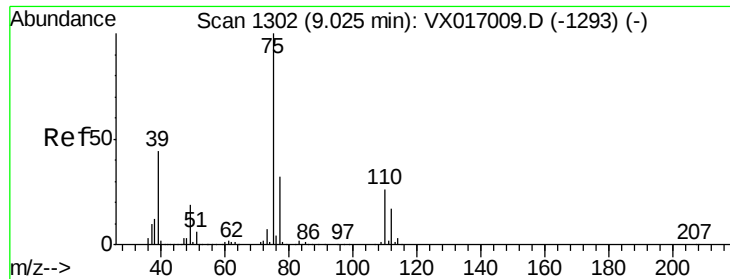
91 170.3 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





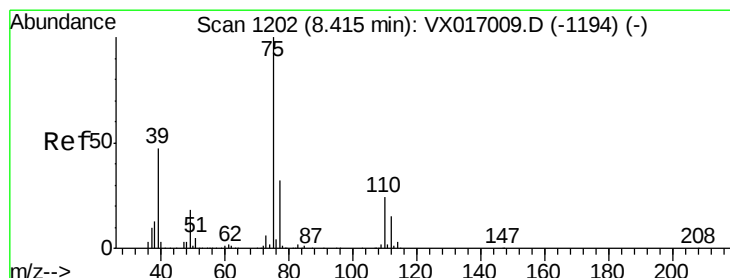
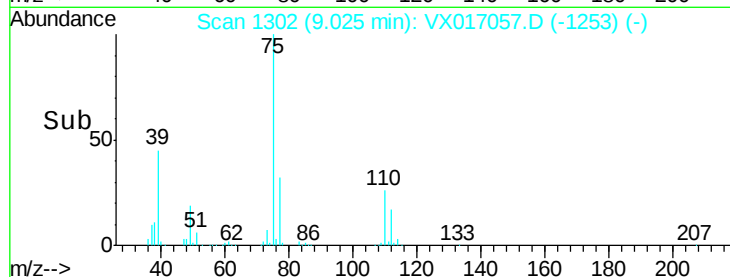
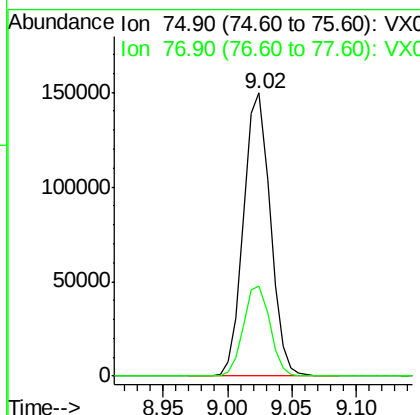
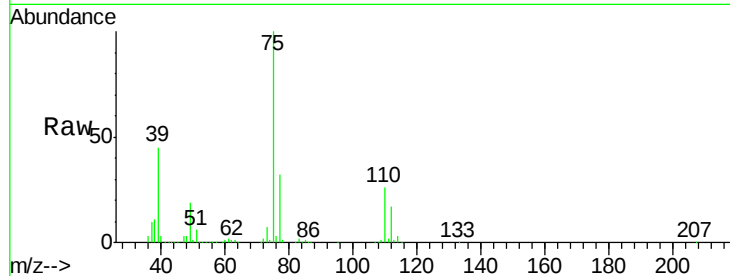
#53
 t-1,3-Dichloropropene
 Concen: 48.039 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4

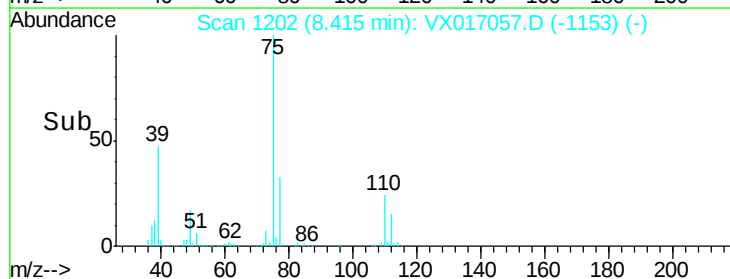
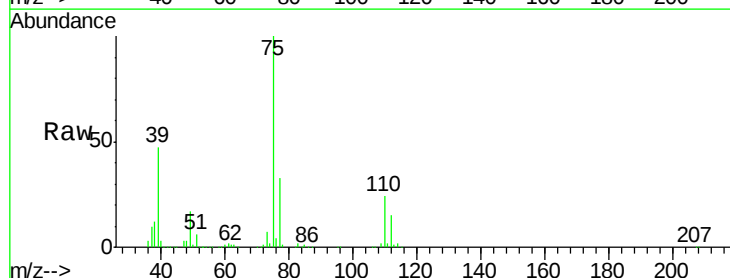
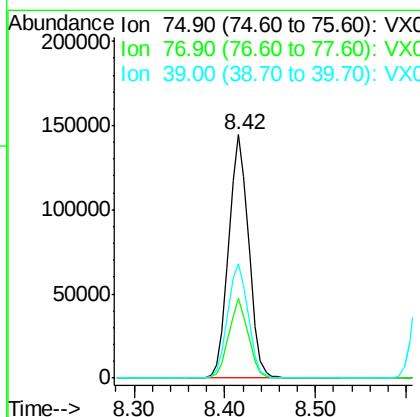
Manual Integrations
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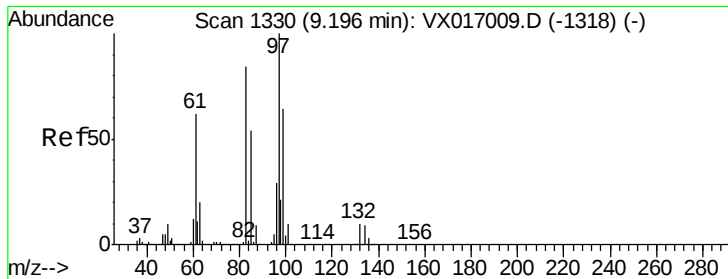
MMDadoda
 7/1/2020 10:49:41 AM



#54
 cis-1,3-Dichloropropene
 Concen: 46.194 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.2	37.8
39	46.8	37.4	56.2





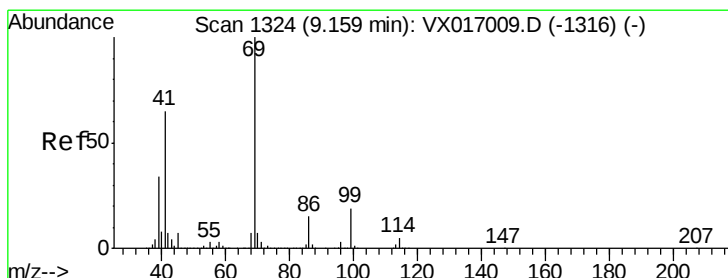
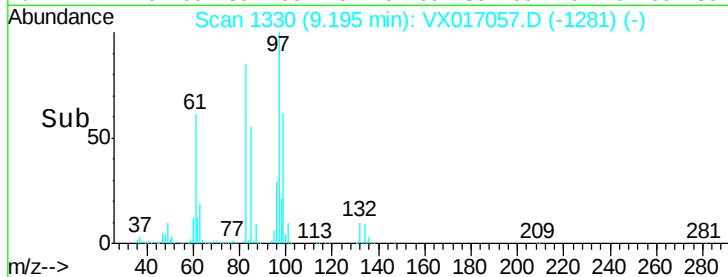
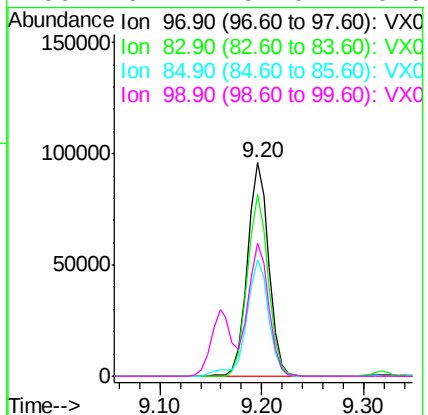
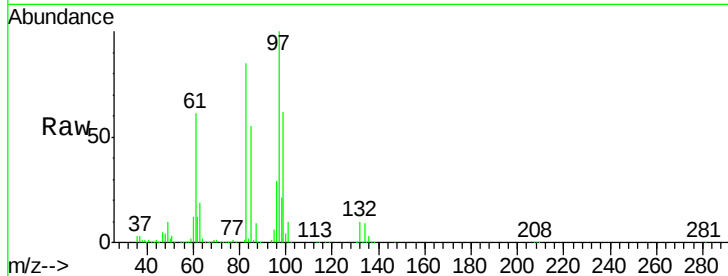
#55
 1,1,2-Trichloroethane
 Concen: 48.799 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		139838		
83	85.2	67.0	100.6		
85	54.7	43.5	65.3		
99	62.4	51.0	76.6		

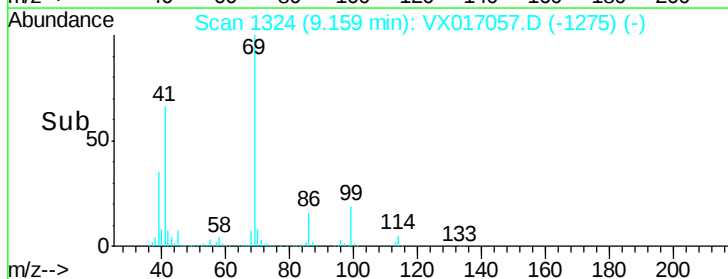
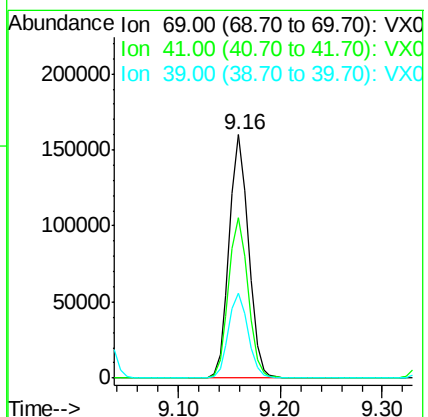
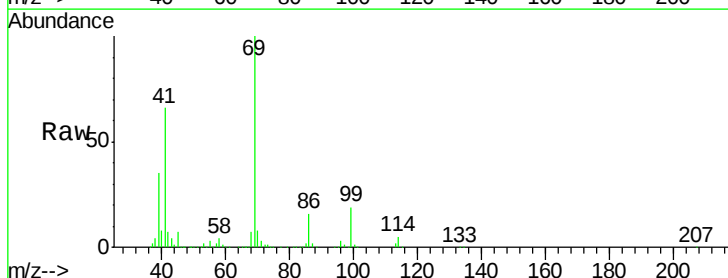
Manual Integrations
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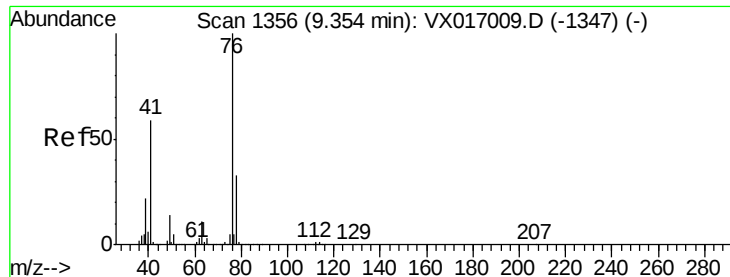
MMDadoda
 7/1/2020 10:49:41 AM



#56
 Ethyl methacrylate
 Concen: 51.378 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		209554		
41	66.8	53.6	80.4		
39	35.6	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 48.117 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 76 Resp: 233311

Ion Ratio Lower Upper

76 100

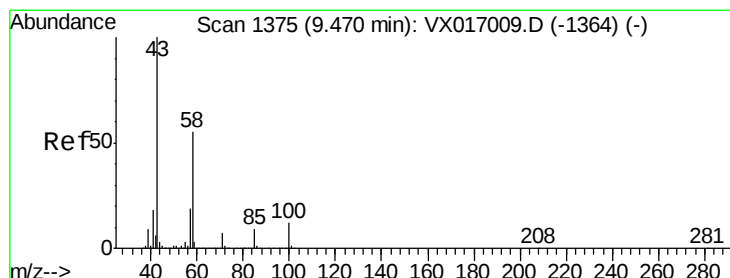
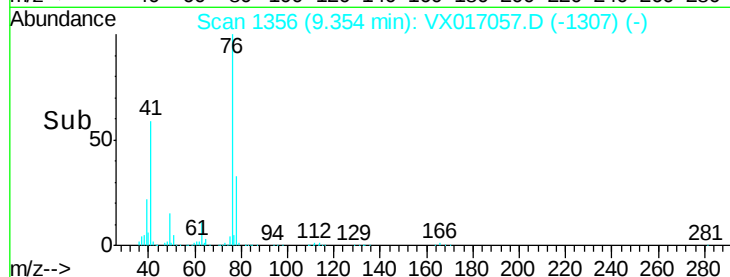
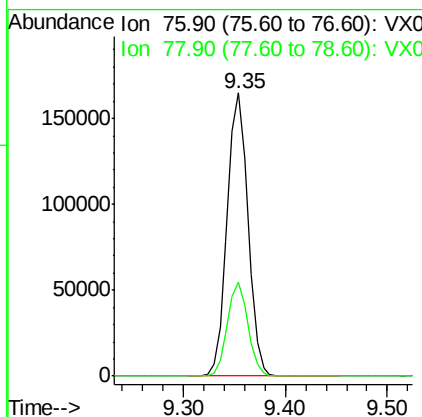
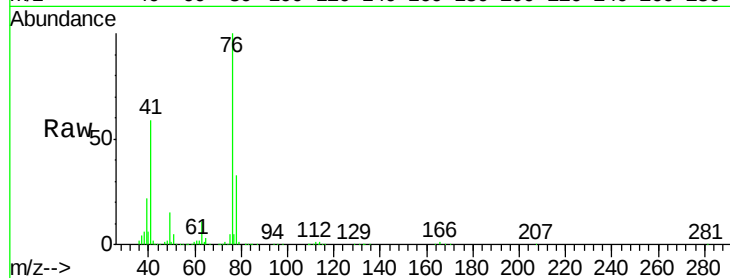
78 32.5 25.9 38.9

Manual Integrations

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7/1/2020 10:49:41 AM



#59

2-Hexanone

Concen: 258.436 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX017057.D

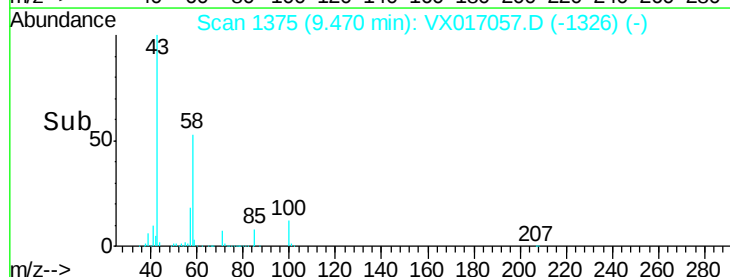
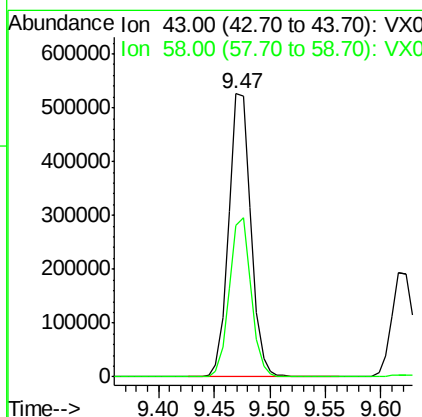
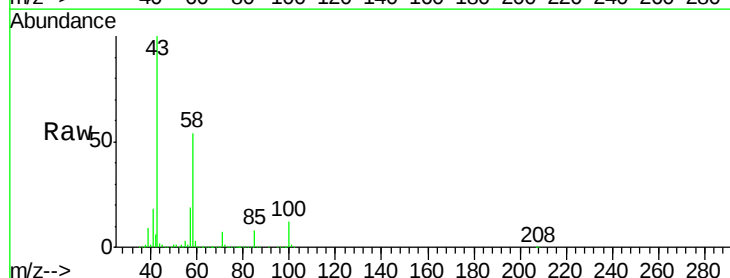
Acq: 30 Jun 2020 19:49

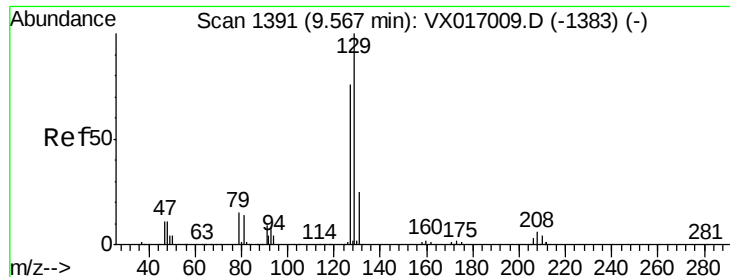
Tgt Ion: 43 Resp: 725252

Ion Ratio Lower Upper

43 100

58 55.1 27.9 83.6





#60

Dibromochloromethane

Concen: 50.404 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion:129 Resp: 167758

Ion Ratio Lower Upper

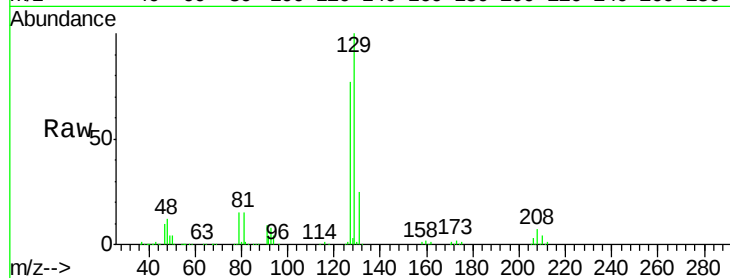
129 100

127 77.0 38.9 116.7

Manual Integrations
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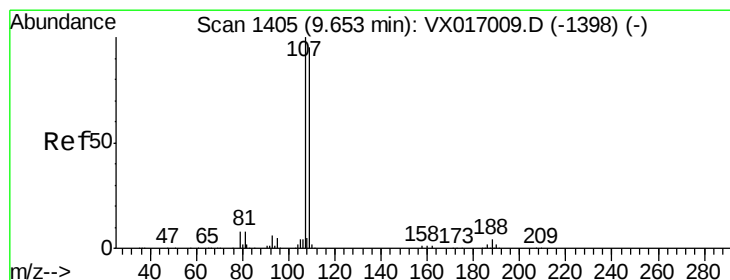
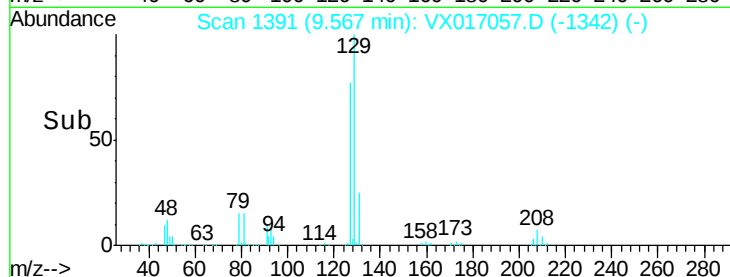
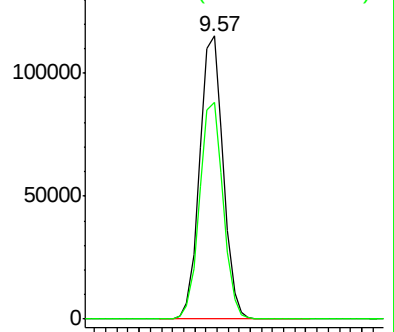
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.023 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017057.D

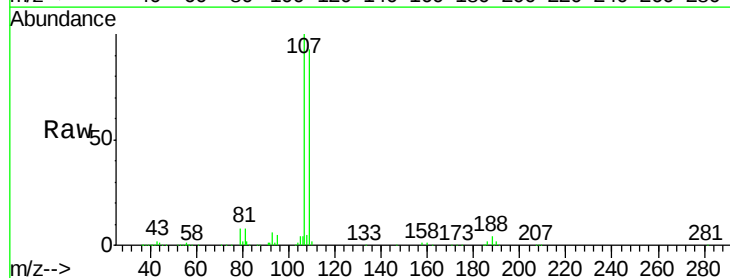
Acq: 30 Jun 2020 19:49

Tgt Ion:107 Resp: 151001

Ion Ratio Lower Upper

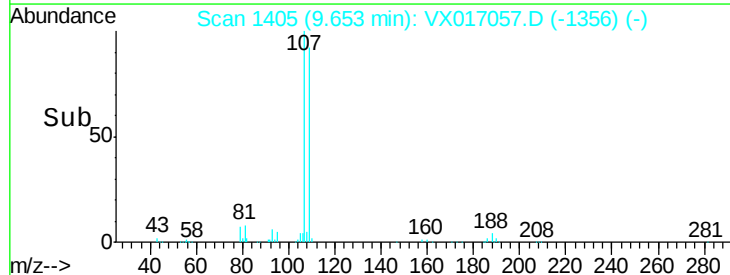
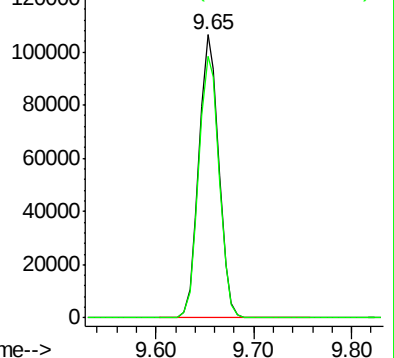
107 100

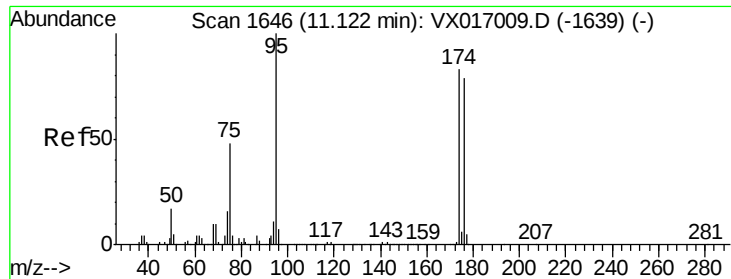
109 95.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





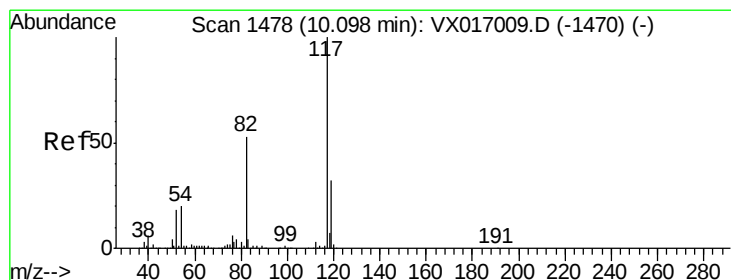
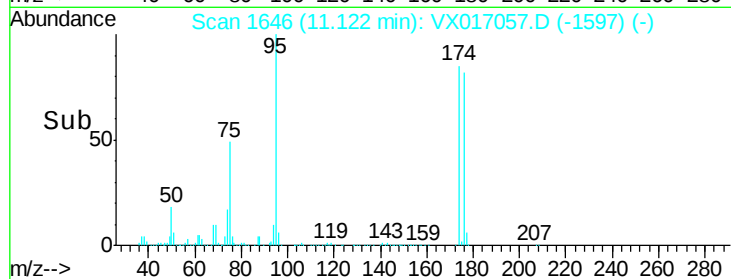
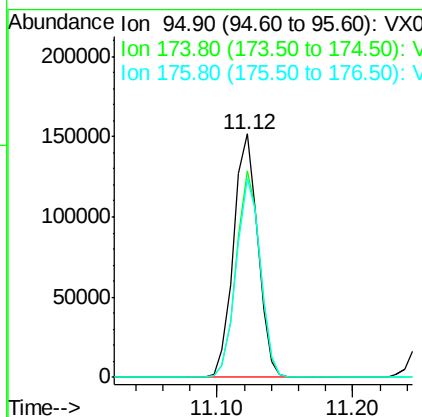
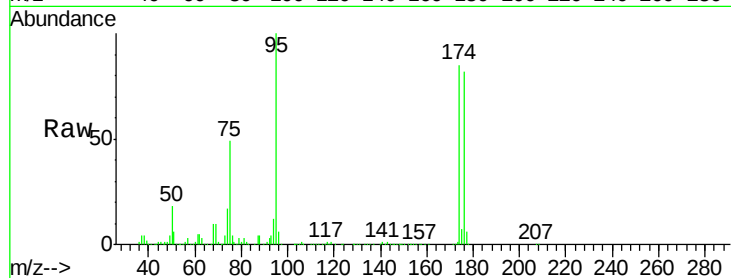
#62
4-Bromofluorobenzene
Concen: 50.915 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	188334		
174	83.2	0.0	164.0	
176	81.4	0.0	157.6	

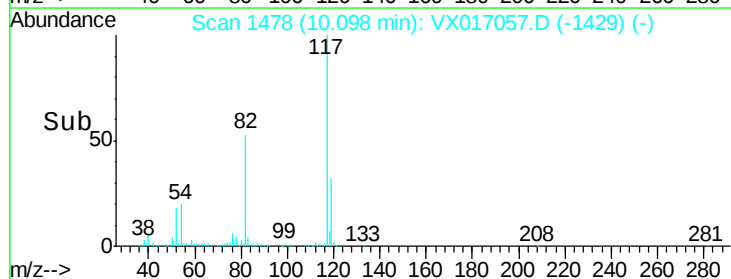
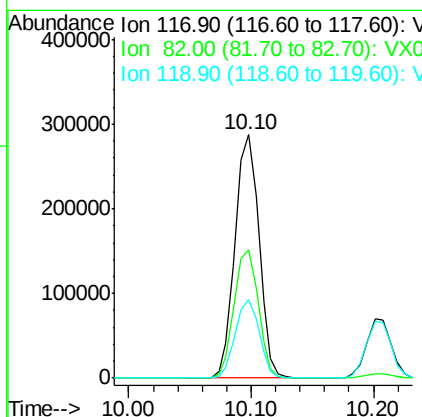
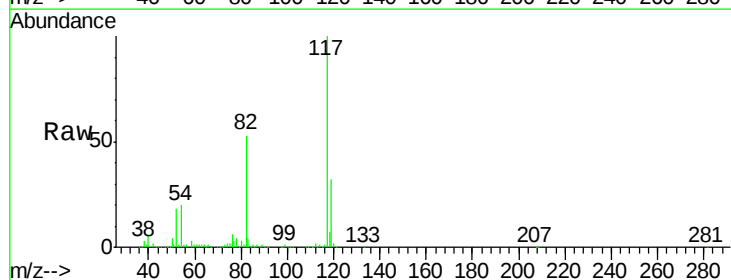
Manual Integrations
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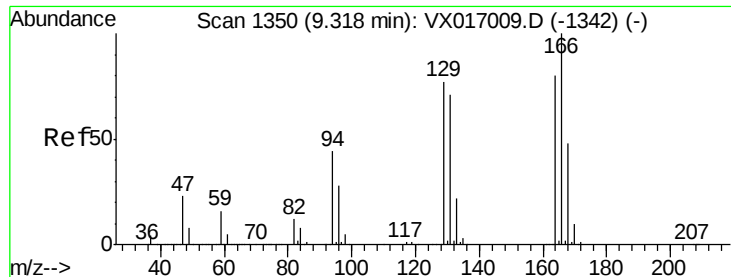
MMDadoda
7/1/2020 10:49:41 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	390090		
82	52.7	42.6	63.8	
119	32.4	25.4	38.2	





#64

Tetrachloroethene

Concen: 44.908 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

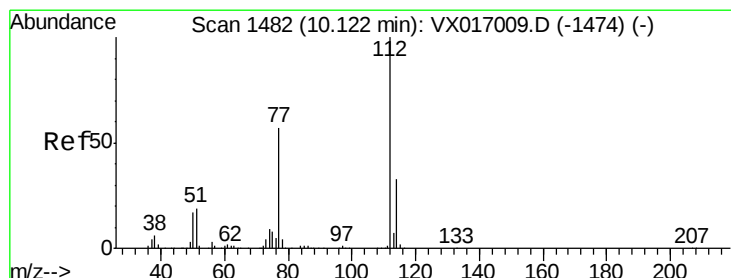
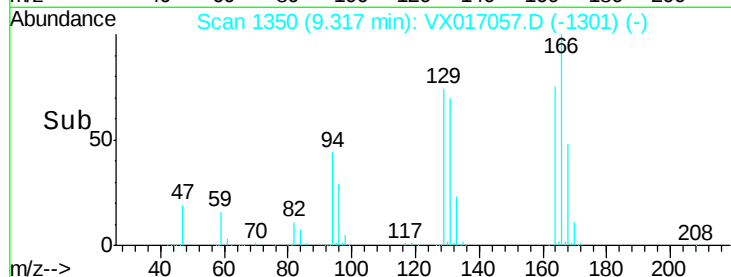
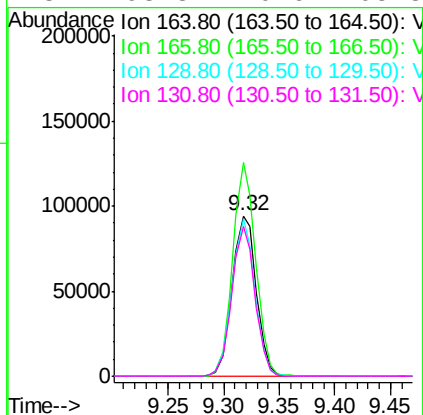
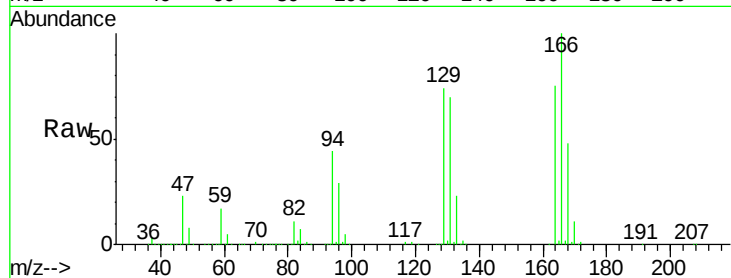
ClientSampleId :

61BR-20200624MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	133.3	99.4	149.0	
129	98.2	76.3	114.5	
131	93.3	70.6	105.8	

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#65

Chlorobenzene

Concen: 46.985 ug/l

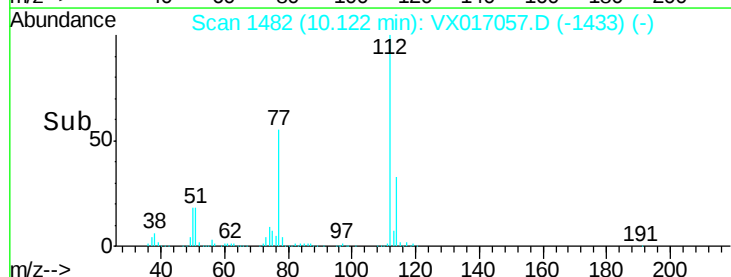
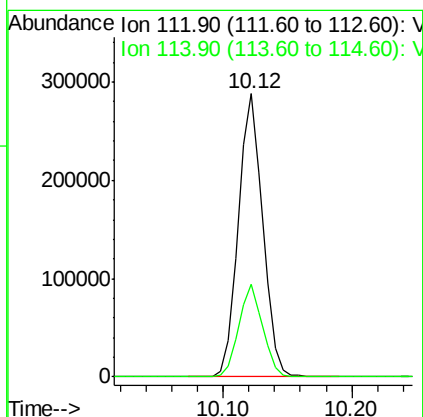
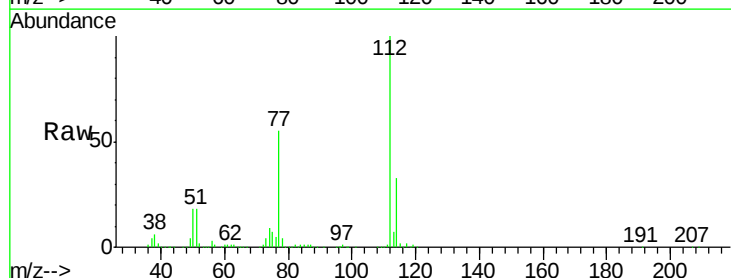
RT: 10.12 min Scan# 1482

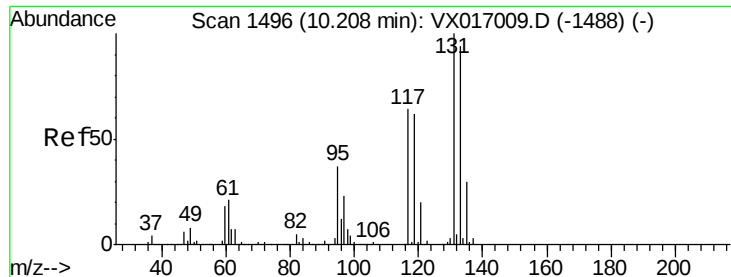
Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.8	26.2	39.4	





#66

1,1,1,2-Tetrachloroethane

Concen: 48.145 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

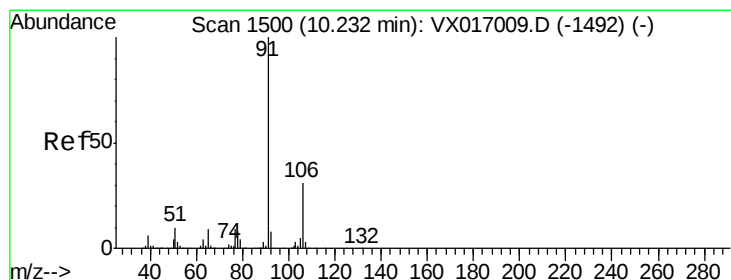
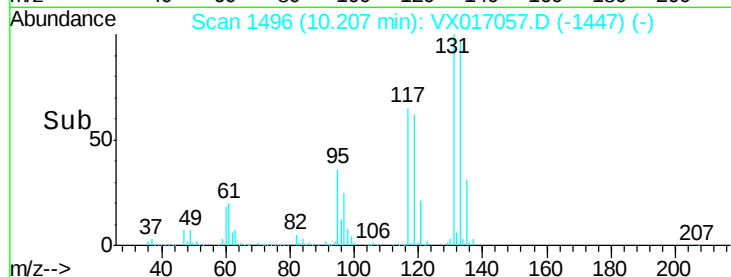
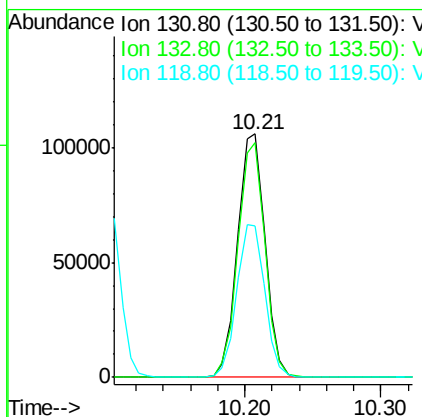
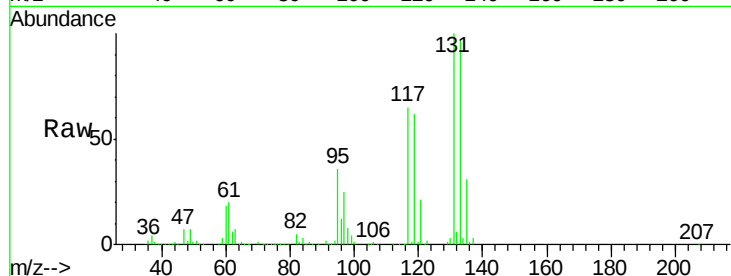
ClientSampleId :

61BR-20200624MSD

Tot Ion:	131	Resp:	149385
Ion Ratio	Lower	Upper	
131	100		
133	94.8	47.3	141.9
119	63.8	31.9	95.5

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#67

Ethyl Benzene

Concen: 48.516 ug/l

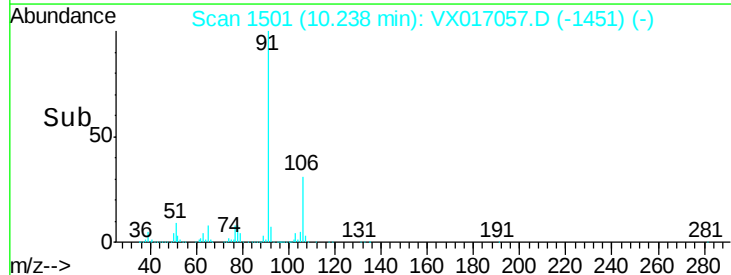
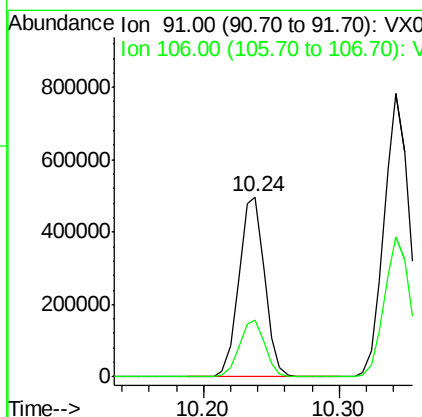
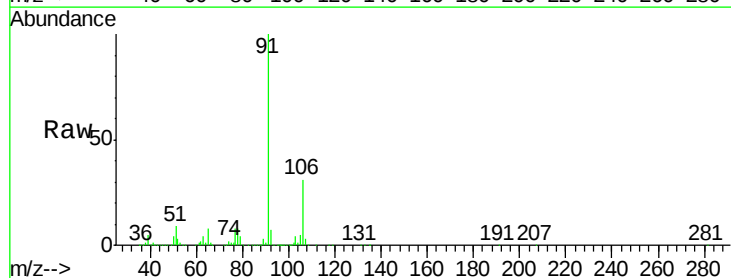
RT: 10.24 min Scan# 1501

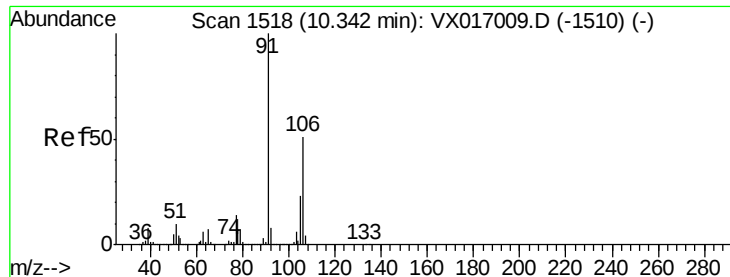
Delta R.T. 0.01 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion:	91	Resp:	652321
Ion Ratio	Lower	Upper	
91	100		
106	31.3	24.7	37.1





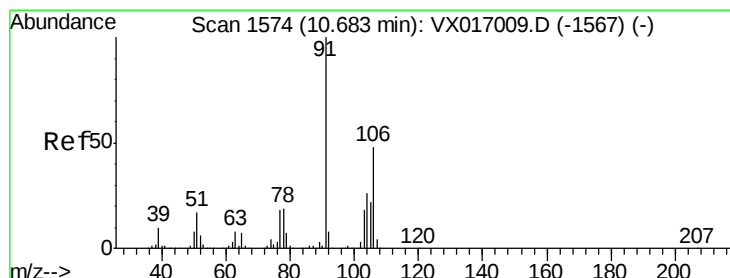
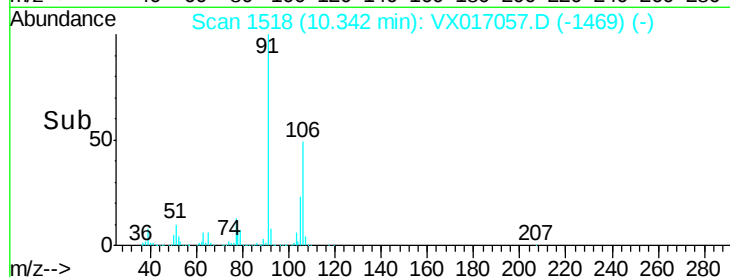
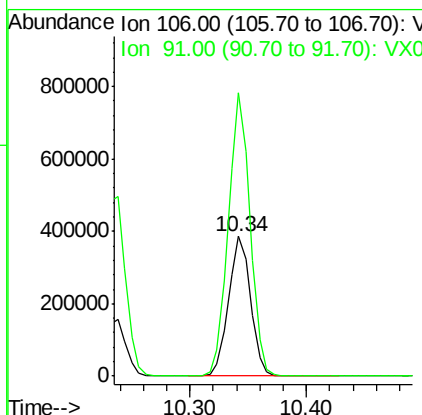
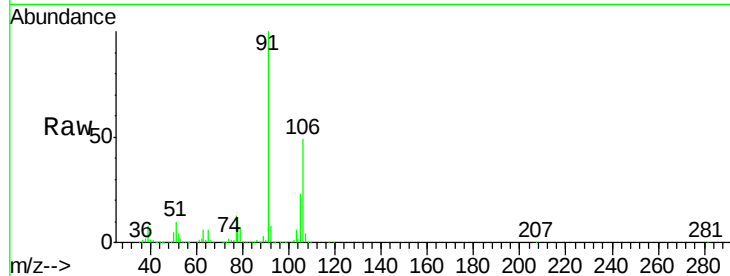
#68
m/p-Xylenes
Concen: 98.515 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	199.7	158.6	238.0		

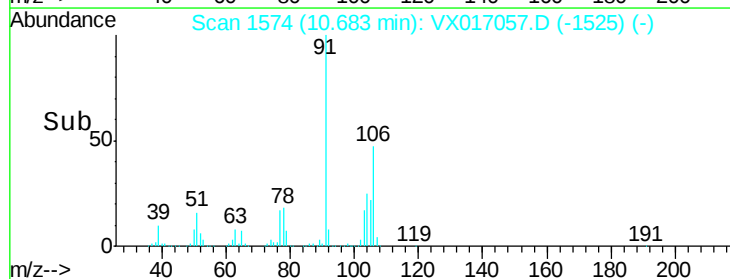
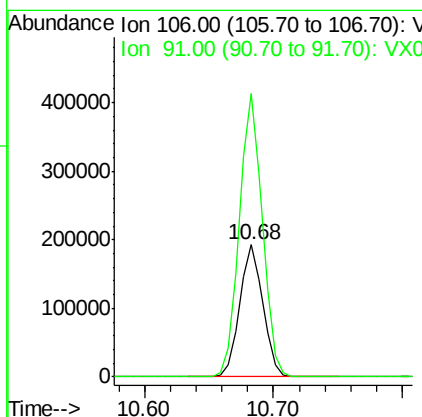
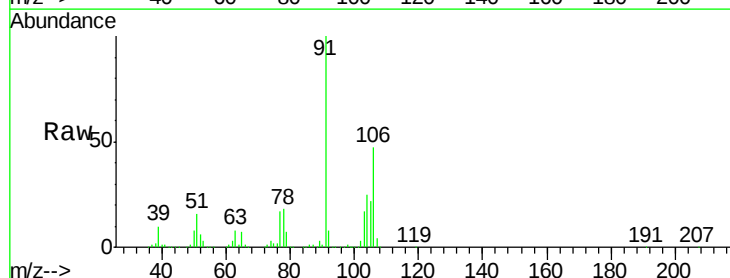
Manual Integrations
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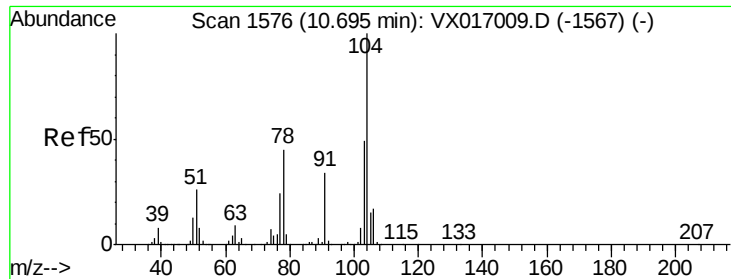
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#69
o-Xylene
Concen: 48.663 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.3	105.6	316.7		





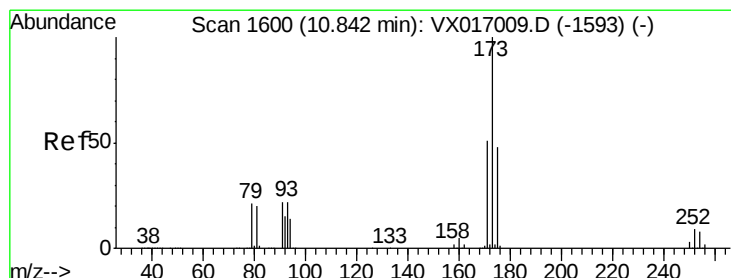
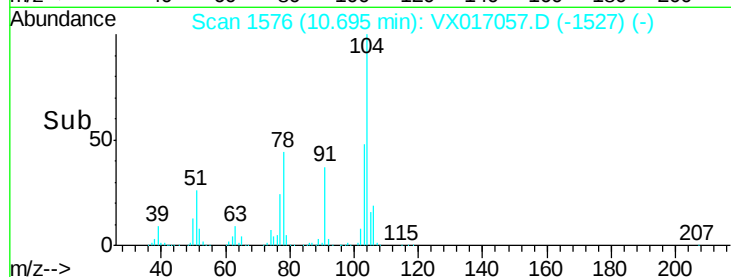
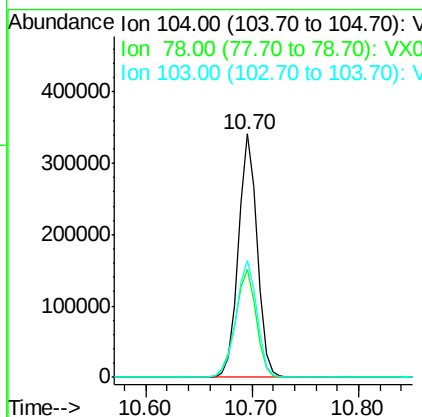
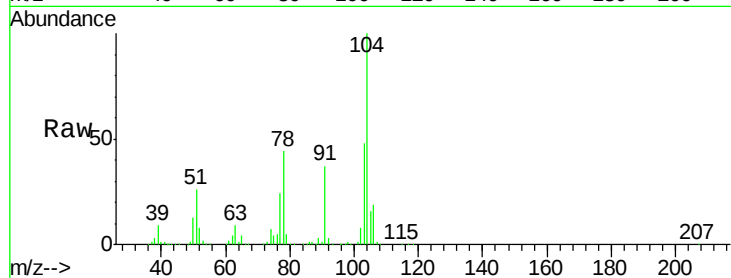
#70
Stvrene
Concen: 50.683 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	423877		
78	49.5		39.5	59.3
103	53.3		43.0	64.6

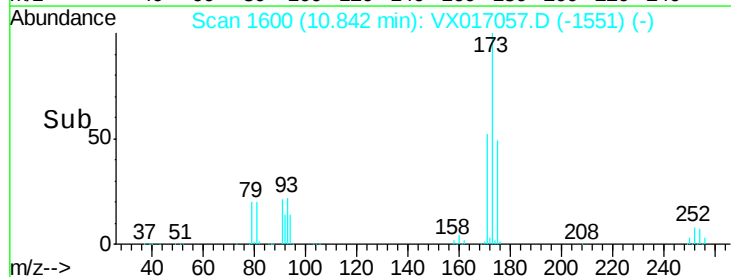
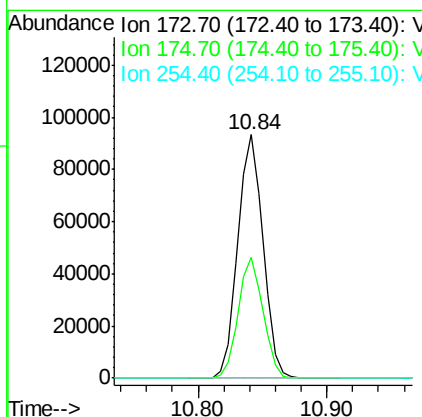
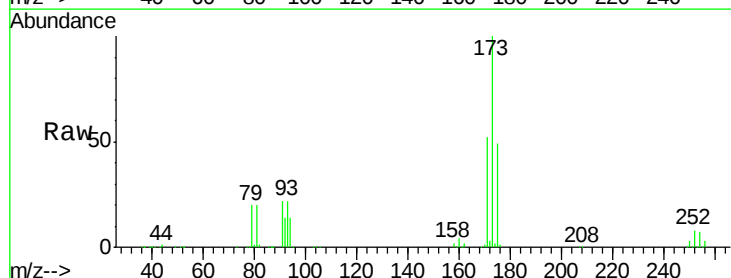
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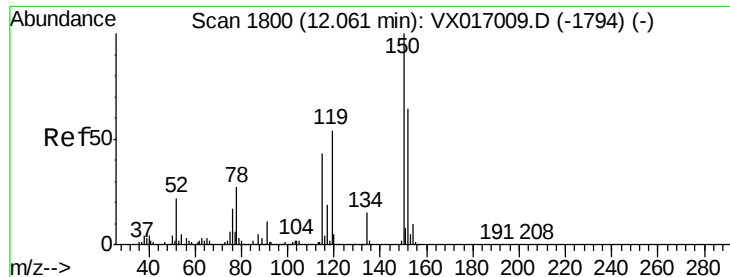
MMDadoda
7/1/2020 10:49:41 AM



#71
Bromoform
Concen: 51.569 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	126886		
175	48.5		24.5	73.5
254	0.2		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

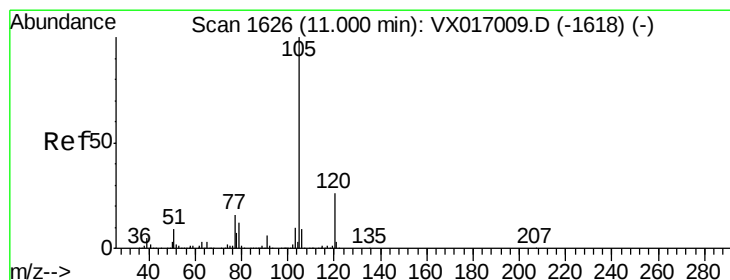
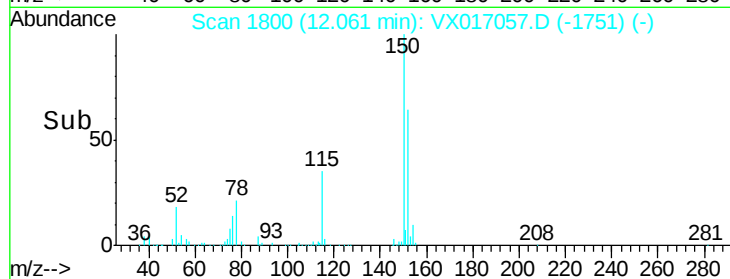
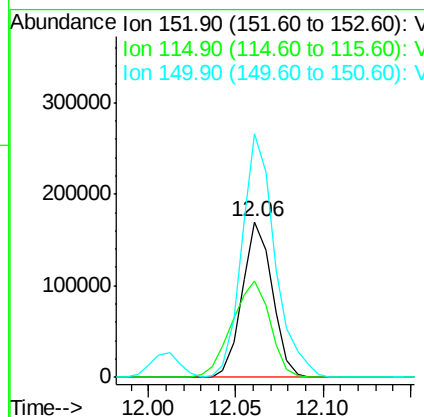
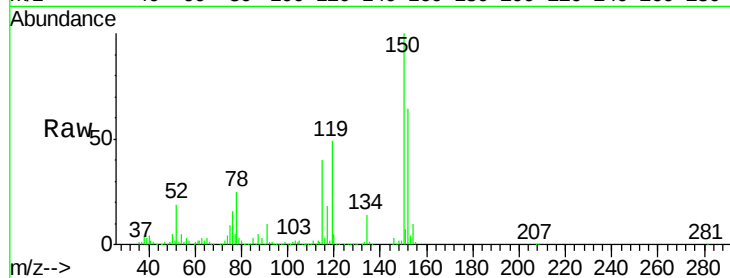
ClientSampleId :

61BR-20200624MSD

Tot Ion:	152	Resp:	203131
Ion Ratio	Lower	Upper	
152	100		
115	78.0	40.9	122.7
150	172.4	0.0	351.6

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#73

Isopropylbenzene

Concen: 48.742 ug/l

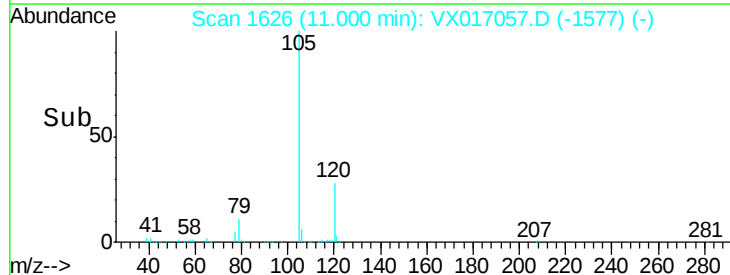
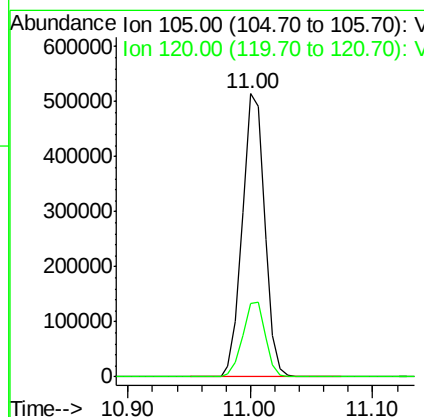
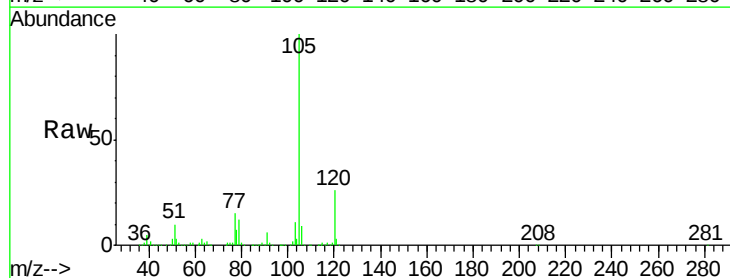
RT: 11.00 min Scan# 1626

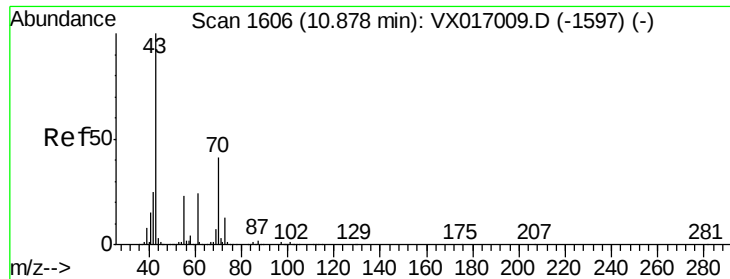
Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion:	105	Resp:	648525
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.4	40.2





#74

N-amvl acetate

Concen: 47.455 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

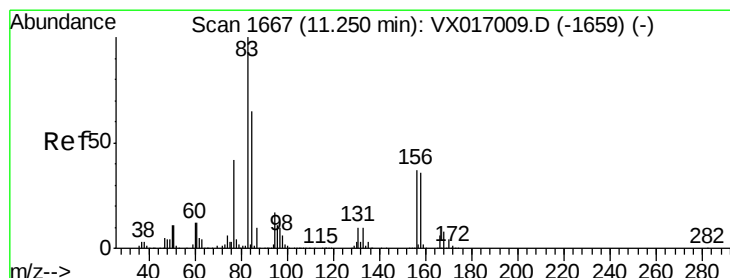
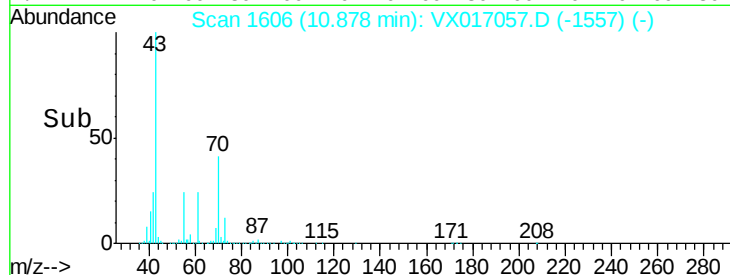
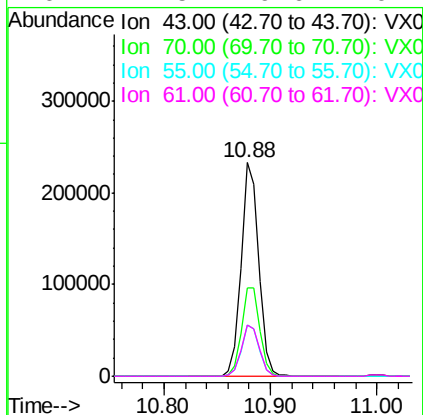
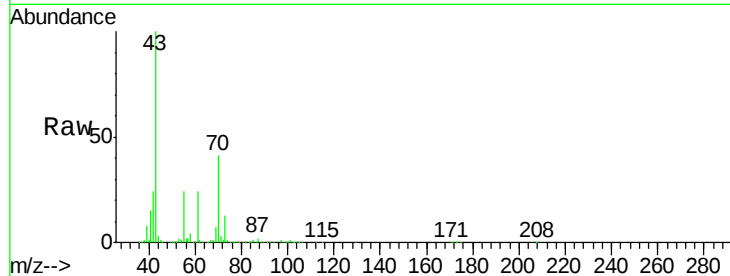
ClientSampleId :

61BR-20200624MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		269416		
70	43.4	34.2	51.2		
55	24.5	19.2	28.8		
61	24.5	19.6	29.4		

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#75

1,1,2,2-Tetrachloroethane

Concen: 47.728 ug/l

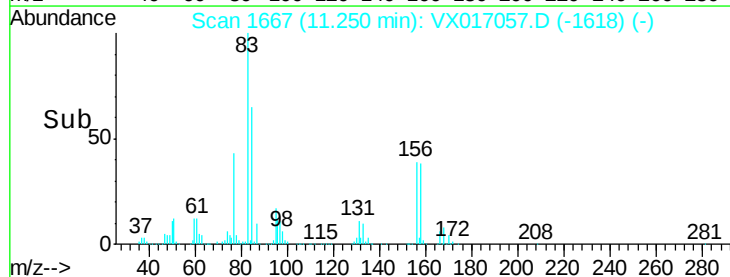
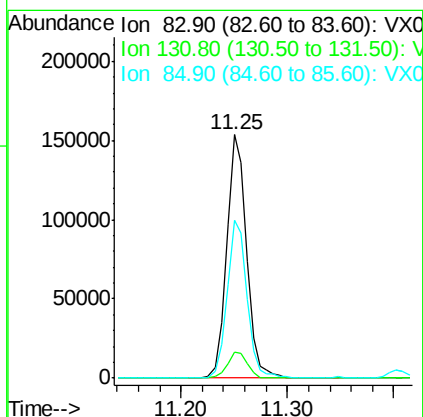
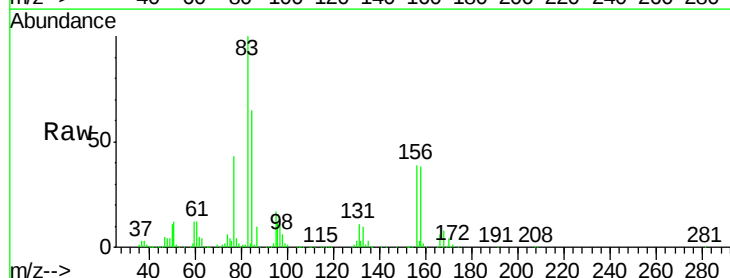
RT: 11.25 min Scan# 1667

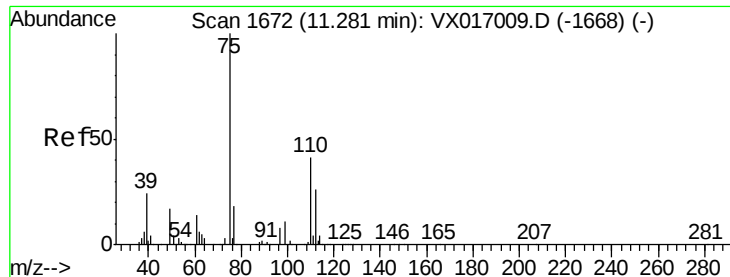
Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		199757		
131	10.8	5.4	16.2		
85	65.5	31.9	95.9		





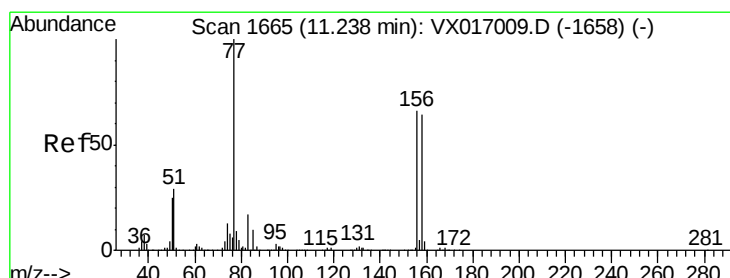
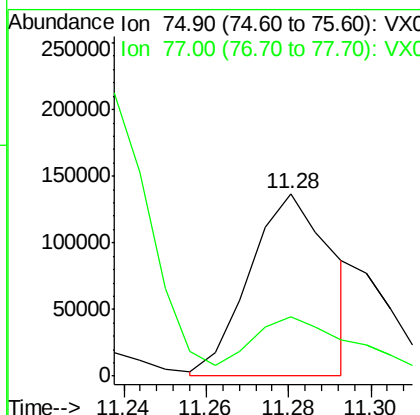
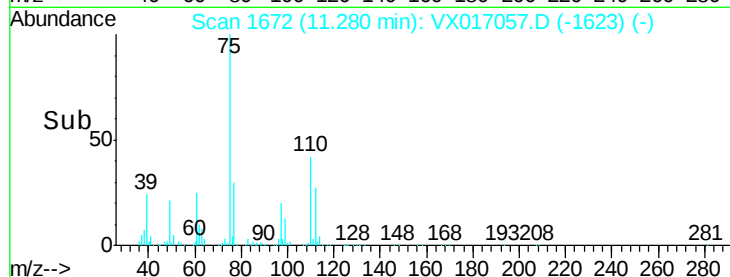
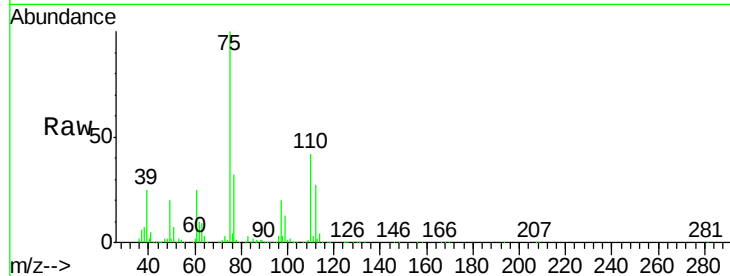
#76
 1,2,3-Trichloropropane
 Concen: 47.402 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion: 75 Resp: 189344
 Ion Ratio Lower Upper
 75 100
 77 41.0 20.2 60.6

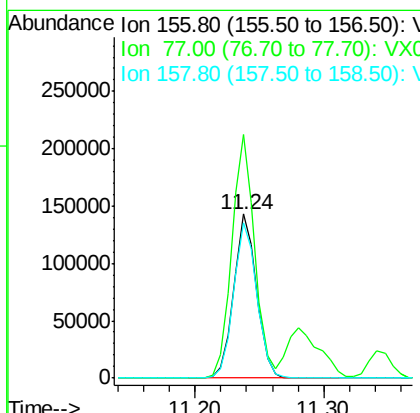
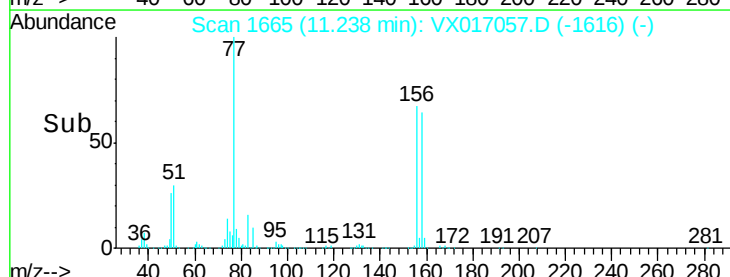
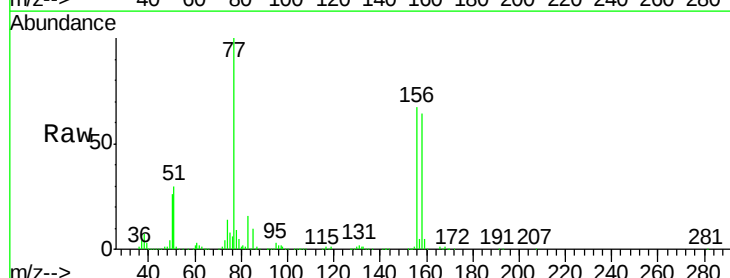
Manual Integrations
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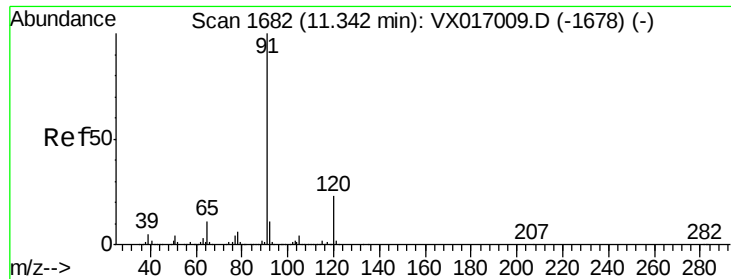
MMDadoda
 7/1/2020 10:49:41 AM



#77
 Bromobenzene
 Concen: 48.205 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion: 156 Resp: 176275
 Ion Ratio Lower Upper
 156 100
 77 149.5 76.9 230.7
 158 96.7 47.9 143.6





#78

n-propylbenzene

Concen: 47.621 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 91 Resp: 716501

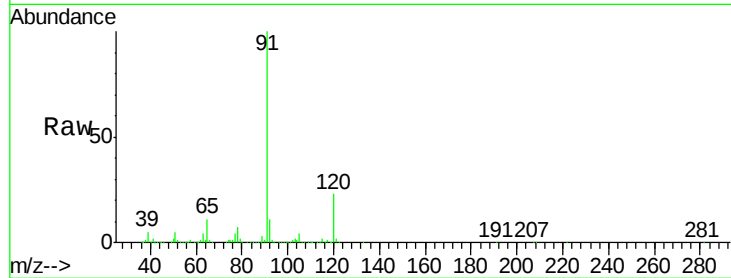
Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.9

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

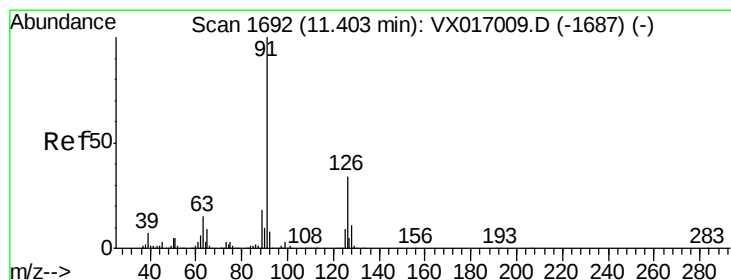
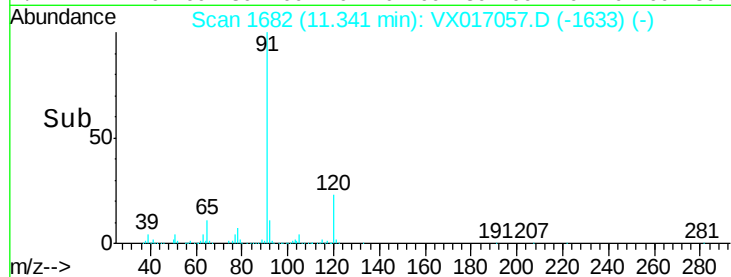
600000

400000

200000

0

Time-->



#79

2-Chlorotoluene

Concen: 47.852 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017057.D

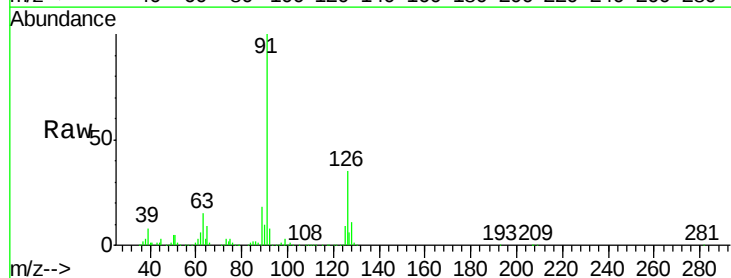
Acq: 30 Jun 2020 19:49

Tgt Ion: 91 Resp: 435746

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.40

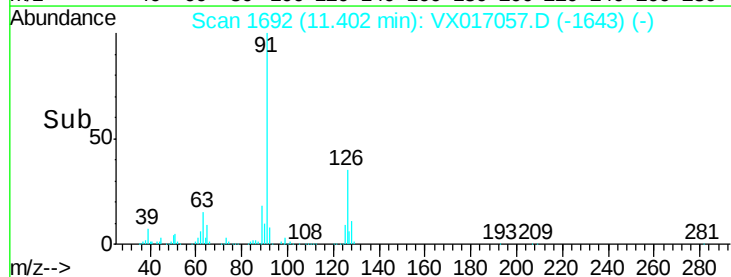
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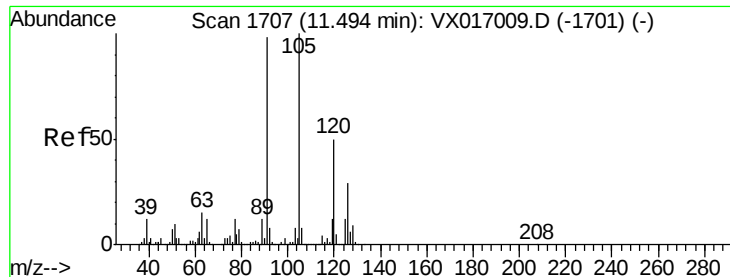
400000

200000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 49.655 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion:105 Resp: 548011

Ion Ratio Lower Upper

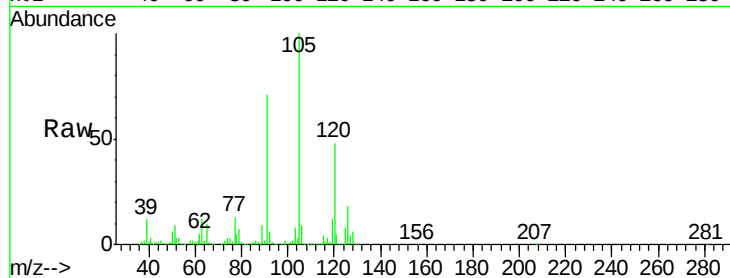
105 100

120 49.4 24.9 74.6

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

400000

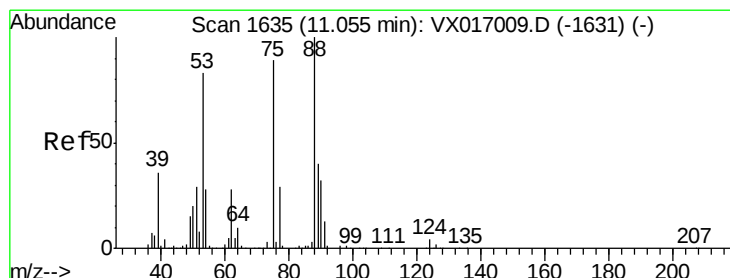
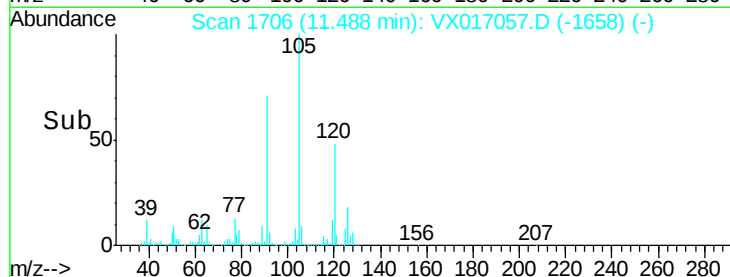
300000

200000

100000

0

Time--> 11.40 11.45 11.50 11.55



#81

trans-1,4-Dichloro-2-butene

Concen: 45.830 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

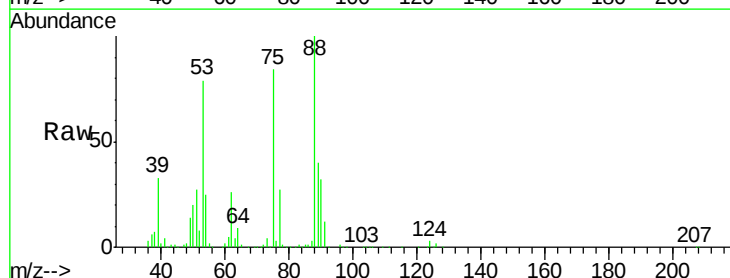
Tgt Ion: 75 Resp: 70691

Ion Ratio Lower Upper

75 100

53 95.0 72.4 108.6

89 46.9 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

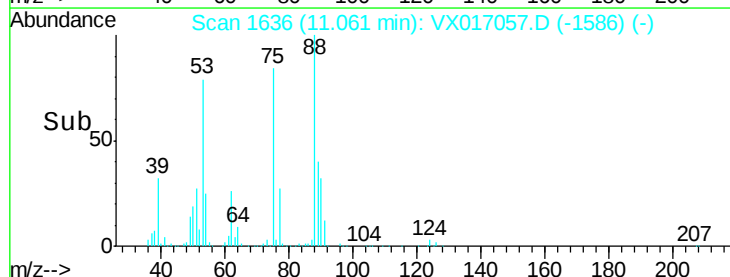
60000

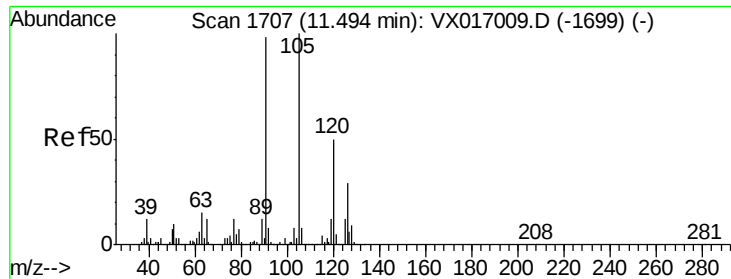
40000

20000

0

Time--> 11.00 11.05 11.10





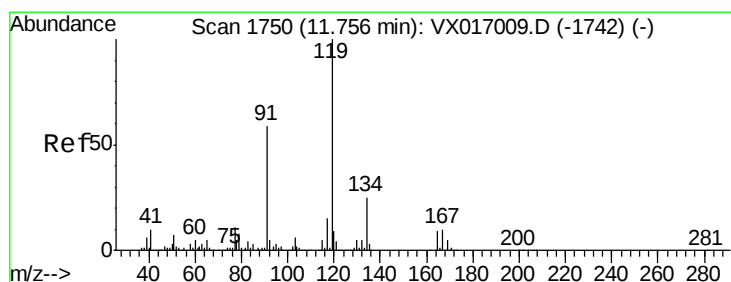
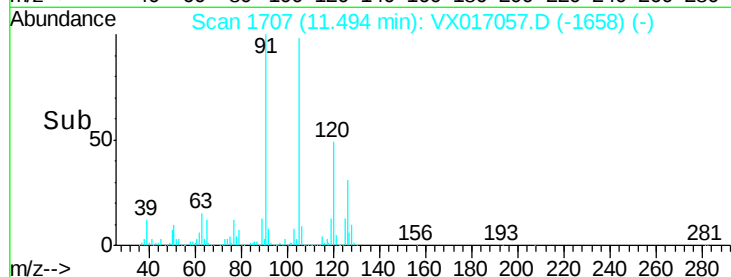
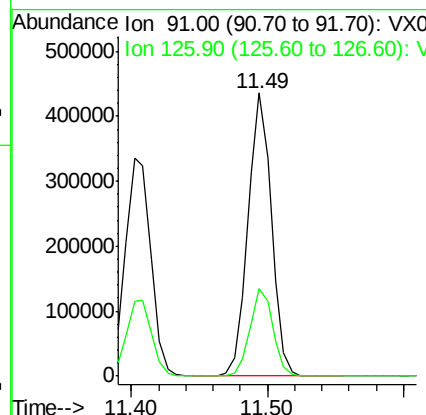
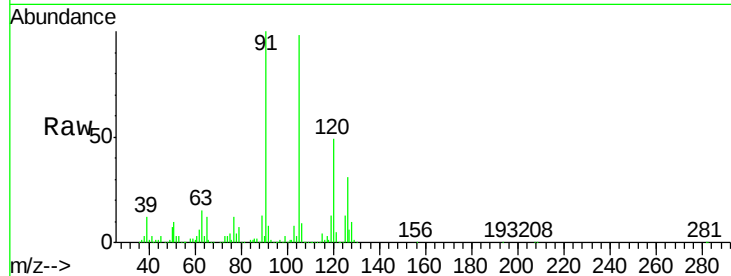
#82
4-Chlorotoluene
Concen: 48.148 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.5

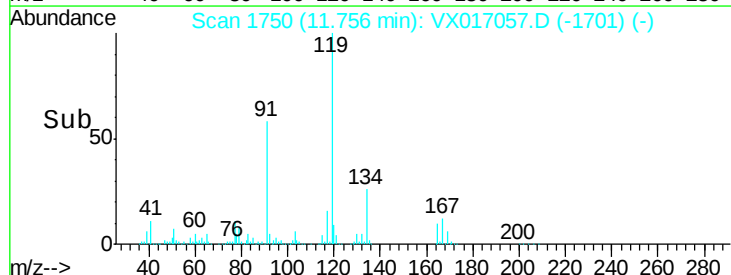
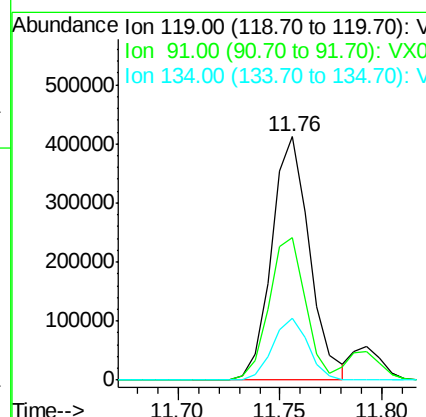
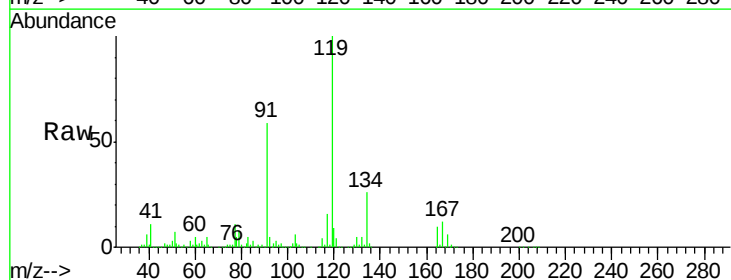
Manual Integrations
APPROVED

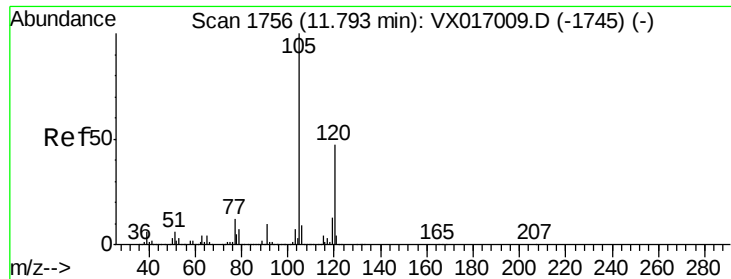
MMDadoda
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#83
tert-Butylbenzene
Concen: 49.316 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.3	84.9
134	24.0	11.7	35.1





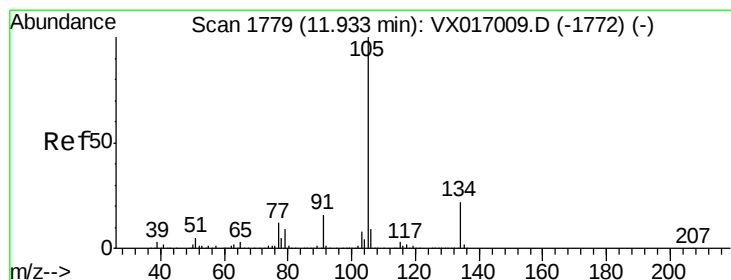
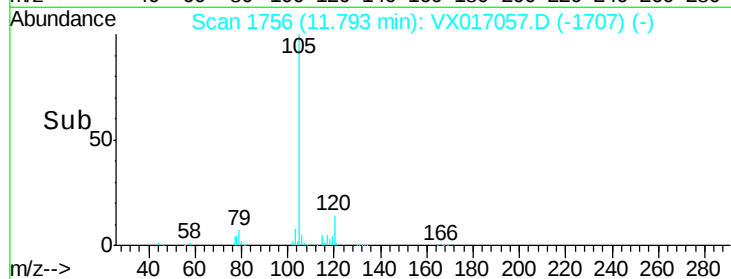
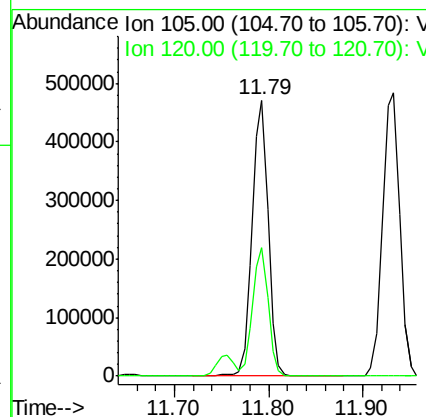
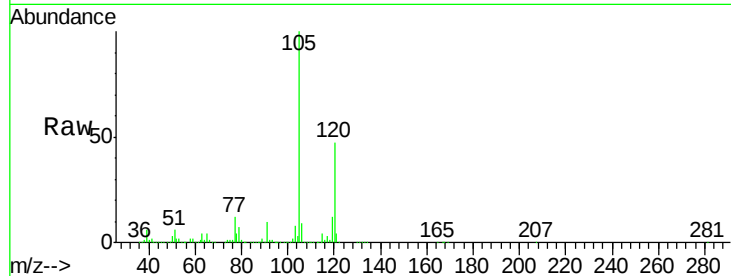
#84
 1,2,4-Trimethylbenzene
 Concen: 50.135 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.9	68.5

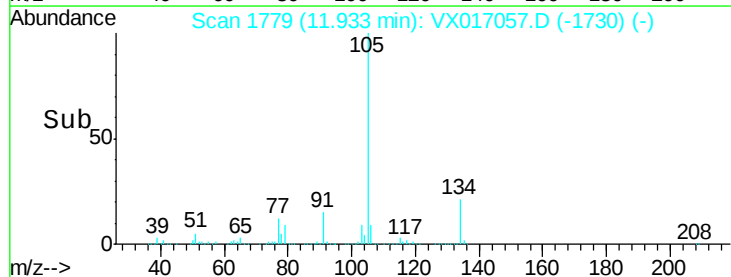
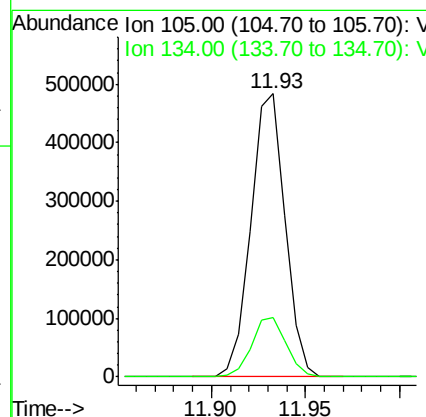
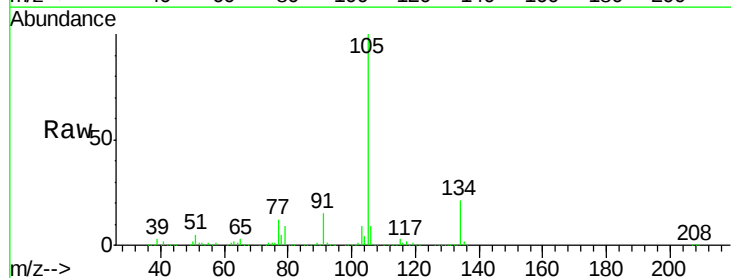
Manual Integrations
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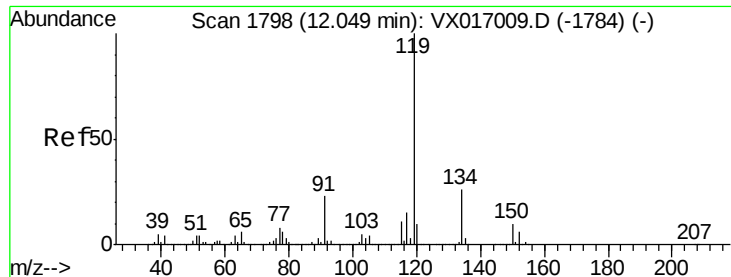
MMDadoda
 7/1/2020 10:49:41 AM



#85
 sec-Butylbenzene
 Concen: 47.674 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.5	31.6





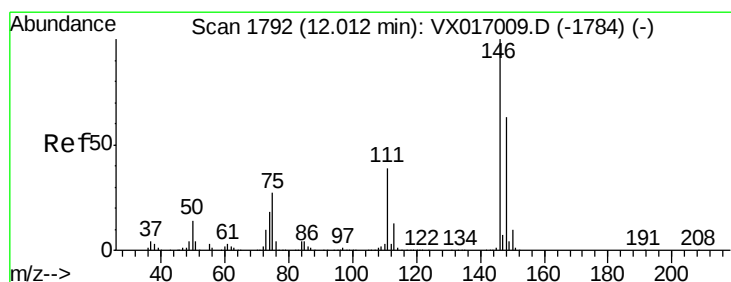
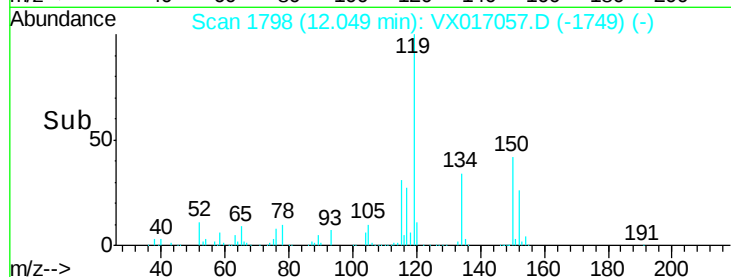
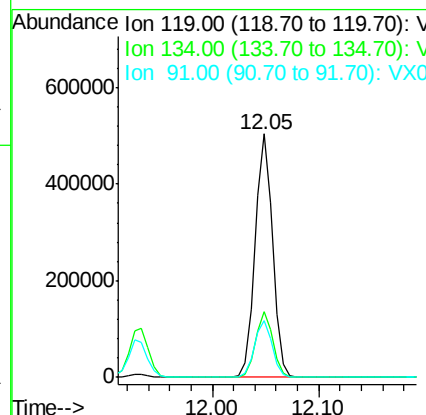
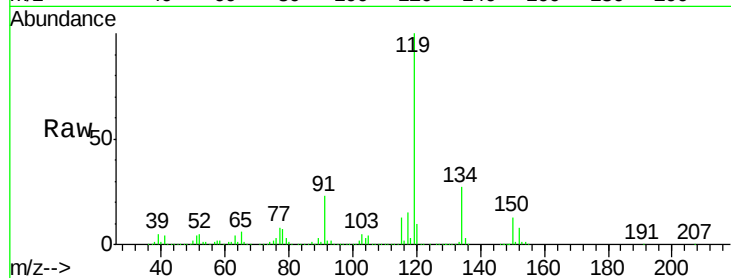
#86
 p-Isopropyltoluene
 Concen: 48.955 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	580381		
134	26.7		13.2	39.5
91	23.4		11.8	35.4

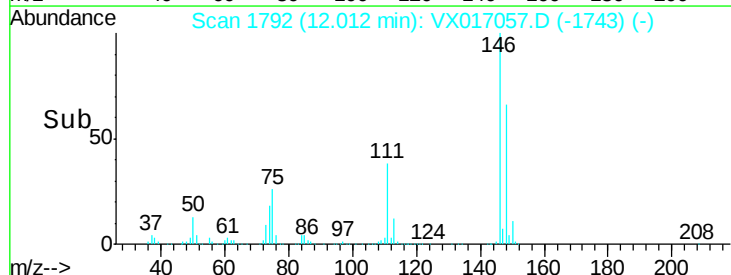
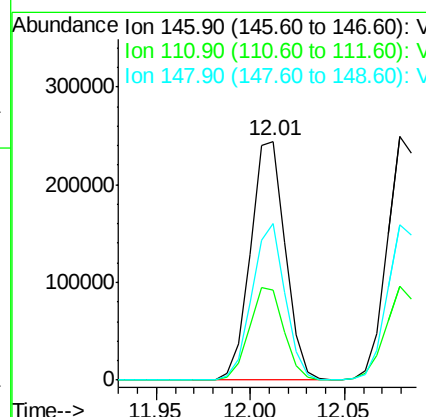
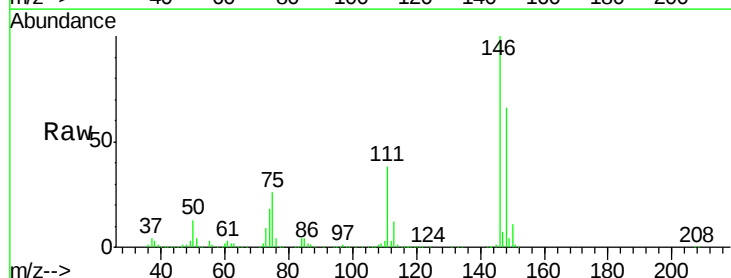
Manual Integrations
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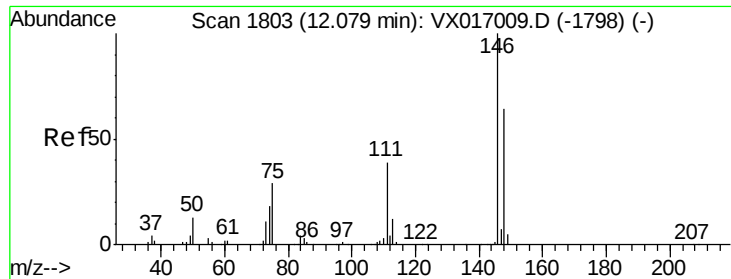
MMDadoda
 7/1/2020 10:49:41 AM



#87
 1,3-Dichlorobenzene
 Concen: 47.015 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	312250		
111	38.7		20.4	61.2
148	62.7		32.5	97.5





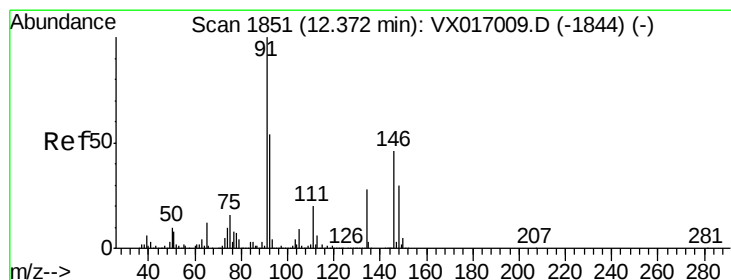
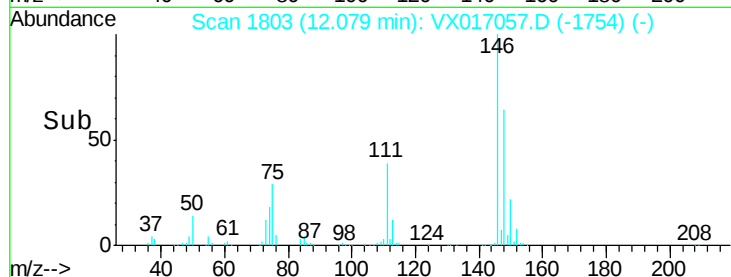
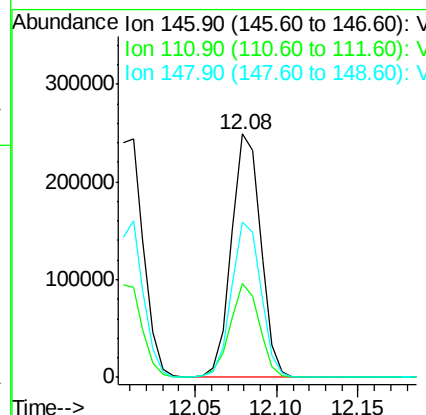
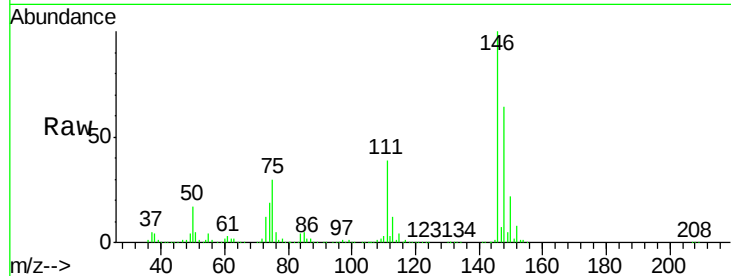
#88
 1,4-Dichlorobenzene
 Concen: 49.522 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	310180		
111	38.7	19.5	58.5	
148	64.3	31.9	95.7	

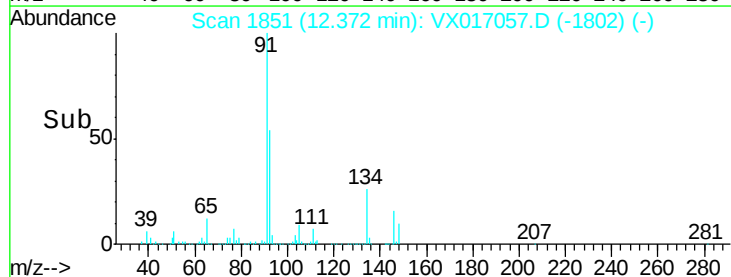
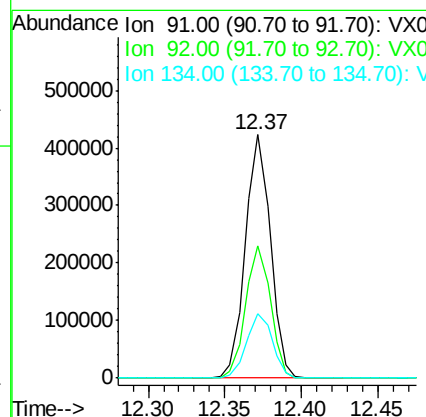
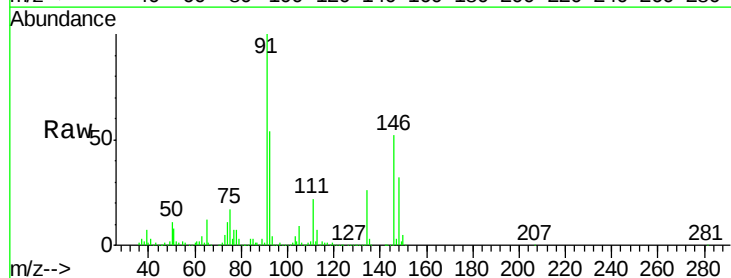
Manual Integrations
 APPROVED

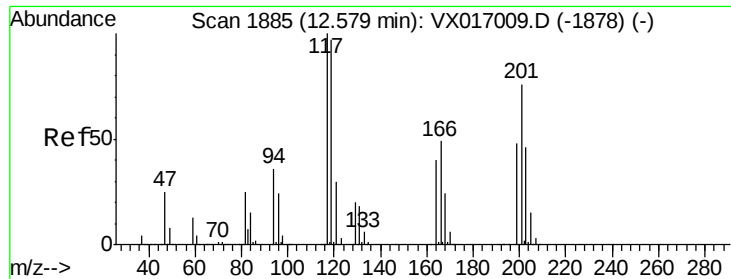
MMDadoda
 7/1/2020 10:49:41 AM



#89
 n-Butylbenzene
 Concen: 45.299 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	479522		
92	54.2	27.2	81.6	
134	27.3	13.6	40.7	





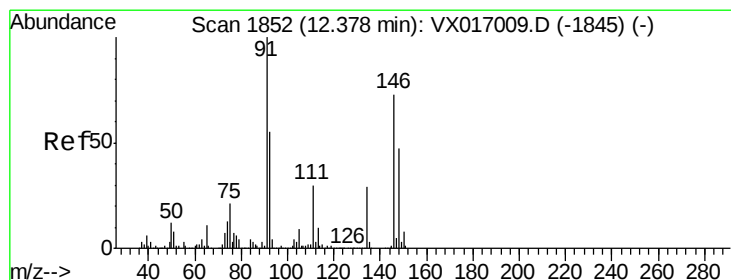
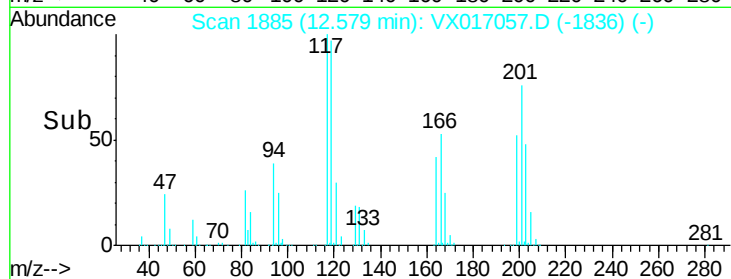
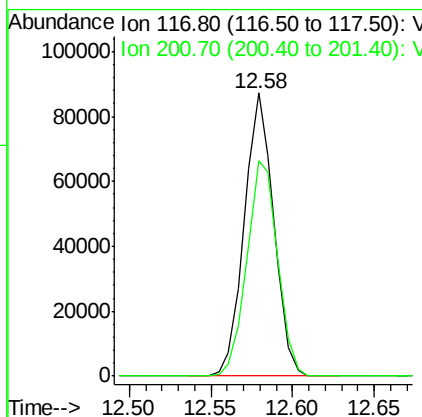
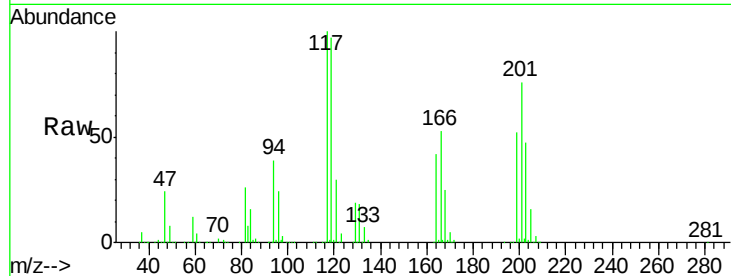
#90
Hexachloroethane
Concen: 46.917 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	79.6	39.4	118.2

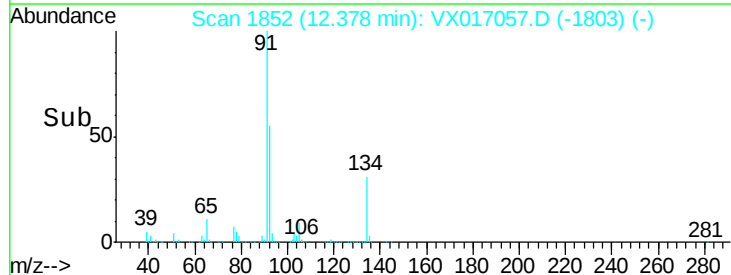
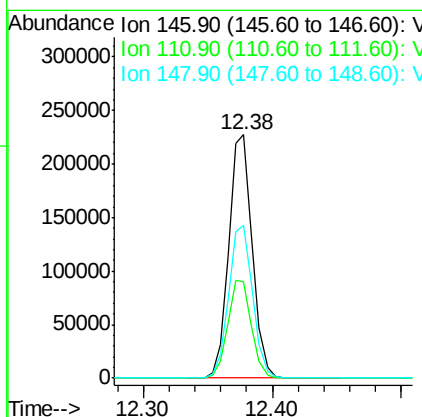
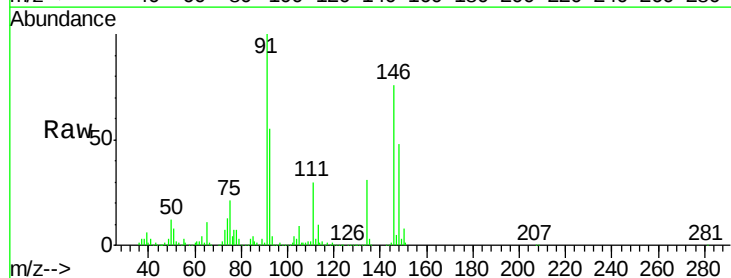
Manual Integrations
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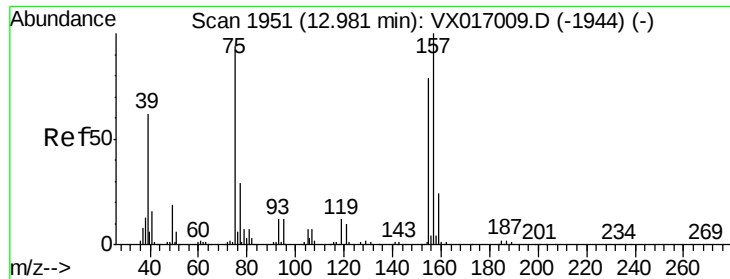
MMDadoda
7/1/2020 10:49:41 AM



#91
1,2-Dichlorobenzene
Concen: 46.684 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	64.3	32.4	97.2





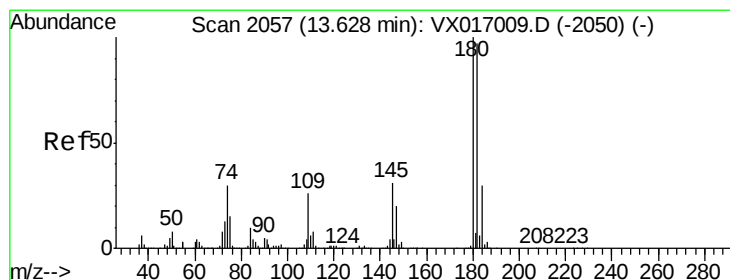
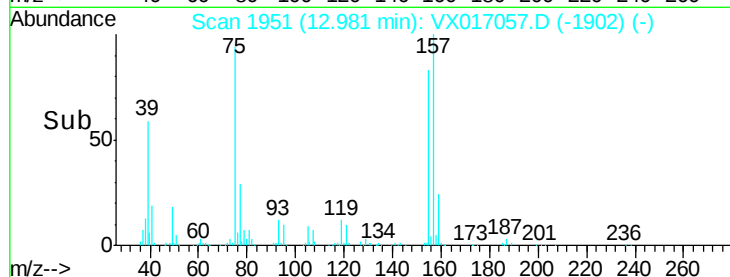
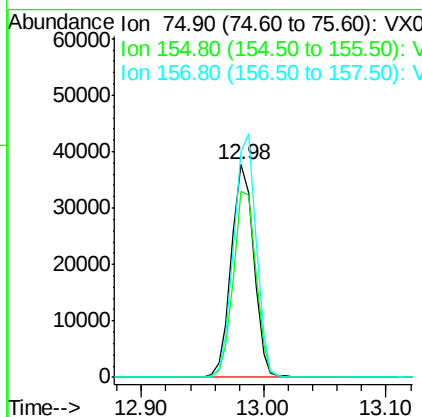
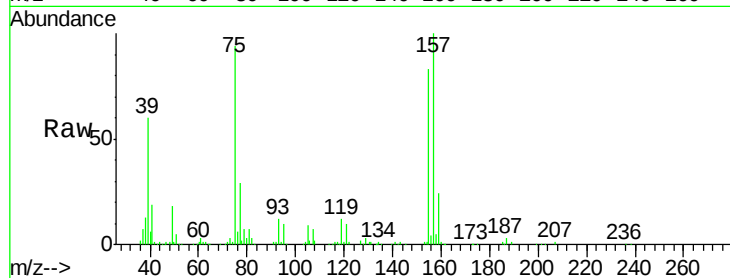
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.950 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	87.8	45.1	135.2
157	113.2	56.5	169.3

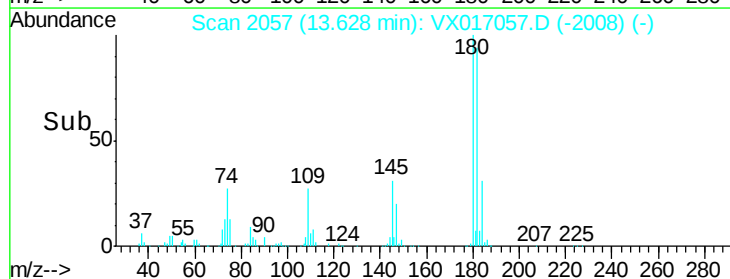
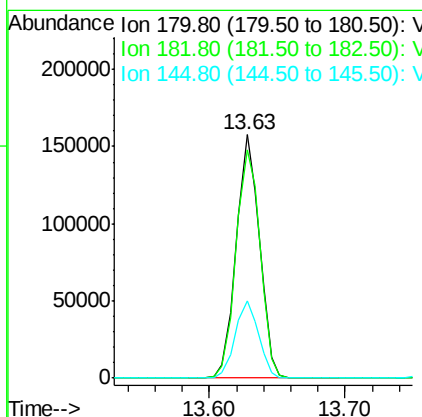
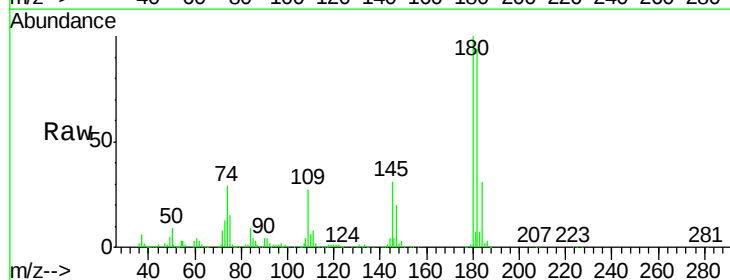
Manual Integrations
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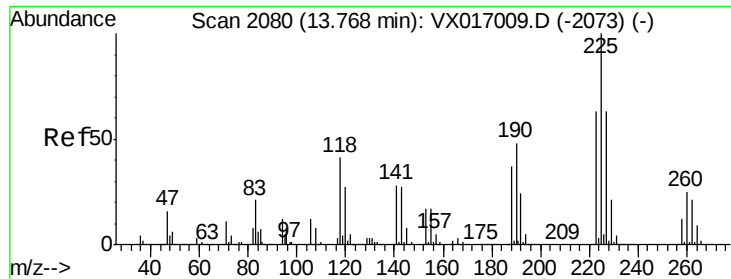
MMDadoda
 7/1/2020 10:49:41 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 44.182 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.3	141.9
145	31.7	15.4	46.2





#94

Hexachlorobutadiene

Concen: 43.100 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

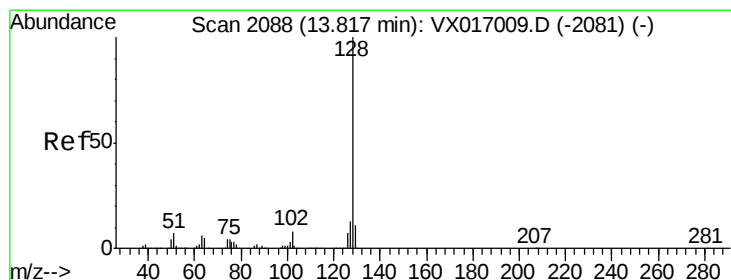
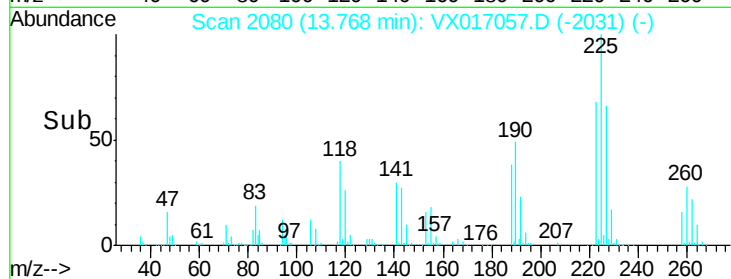
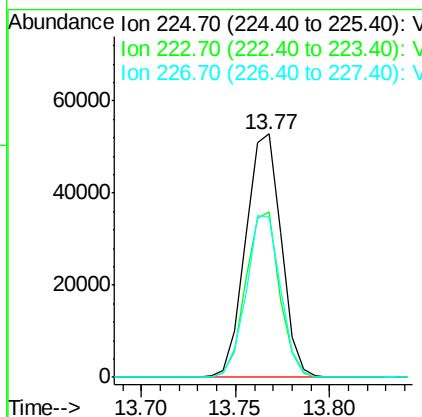
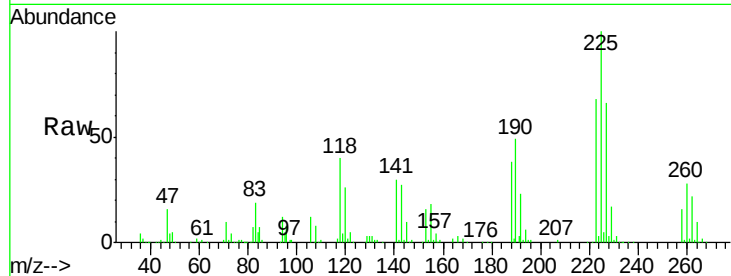
ClientSampleId :

61BR-20200624MSD

Tot Ion:	225	Resp:	69119
Ion Ratio		Lower	Upper
225	100		
223	64.6	32.5	97.5
227	64.3	33.1	99.2

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:41 AM



#95

Naphthalene

Concen: 49.617 ug/l

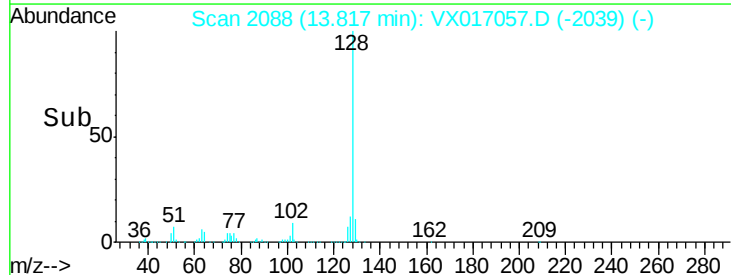
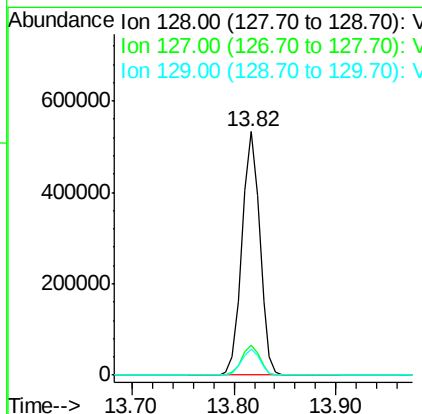
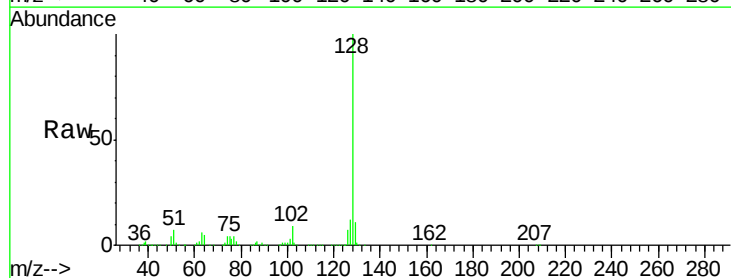
RT: 13.82 min Scan# 2088

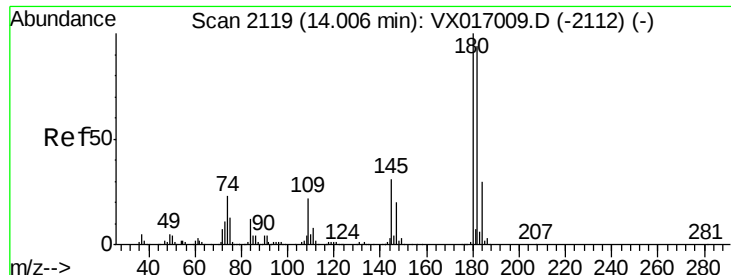
Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion:	128	Resp:	639161
Ion Ratio		Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 46.959 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	47.1	141.4
145	32.8	16.6	49.7

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:41 AM

