

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX063020\
 Data File : VX017056.D
 Acq On : 30 Jun 2020 19:26
 Operator : JC/SP
 Sample : L3112-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:37 AM

Quant Time: Jul 01 09:38:04 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	261429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	415947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162300	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.46	113	132802	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.70	98	490111	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.12	95	194986	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119903	47.408	ug/l	97
3) Chloromethane	1.31	50	133125	43.485	ug/l	99
4) Vinyl Chloride	1.39	62	133113	46.864	ug/l	99
5) Bromomethane	1.62	94	66248	44.145	ug/l	97
6) Chloroethane	1.71	64	77882	46.426	ug/l	99
7) Trichlorofluoromethane	1.92	101	201247	47.906	ug/l	97
8) Diethyl Ether	2.17	74	71005	50.233	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114733	45.569	ug/l	97
10) Methyl Iodide	2.49	142	114857	35.353	ug/l	97
11) Tert butyl alcohol	3.01	59	146924	238.966	ug/l	99
12) 1,1-Dichloroethene	2.36	96	121647	47.032	ug/l	97
13) Acrolein	2.27	56	89203	242.706	ug/l	100
14) Allyl chloride	2.71	41	216558	45.305	ug/l	99
15) Acrylonitrile	3.12	53	373647	252.800	ug/l	100
16) Acetone	2.42	43	305571	253.448	ug/l	99
17) Carbon Disulfide	2.55	76	351278	48.670	ug/l	100
18) Methyl Acetate	2.75	43	150849	47.929	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	423151	48.746	ug/l	100
20) Methylene Chloride	2.84	84	137239	49.626	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	137197	47.798	ug/l	99
22) Diisopropyl ether	3.82	45	428395	48.423	ug/l	99
23) Vinyl Acetate	3.79	43	1814248	238.645	ug/l	99
24) 1,1-Dichloroethane	3.67	63	239660	47.609	ug/l	99
25) 2-Butanone	4.64	43	513133	255.426	ug/l	100
26) 2,2-Dichloropropane	4.56	77	180974	40.490	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	179806	55.287	ug/l	97
28) Bromochloromethane	4.98	49	115164	47.014	ug/l	100
29) Tetrahydrofuran	5.09	42	338737	255.199	ug/l	99
30) Chloroform	5.18	83	246817	47.830	ug/l	98
31) Cyclohexane	5.55	56	203357	46.736	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	224783	47.299	ug/l	99
36) 1,1-Dichloropropene	5.77	75	180742	45.976	ug/l	99
37) Ethyl Acetate	4.79	43	187599	47.033	ug/l	100
38) Carbon Tetrachloride	5.76	117	206827	47.767	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	198430	45.366	ug/l	98
40) Benzene	6.12	78	540129	46.762	ug/l	99
41) Methacrylonitrile	5.01	41	113191	50.421	ug/l	99
42) 1,2-Dichloroethane	6.17	62	200849	48.141	ug/l	100
43) Isopropyl Acetate	6.42	43	307296	46.364	ug/l	100
44) Trichloroethene	7.19	130	158952	49.869	ug/l	99
45) 1,2-Dichloropropane	7.49	63	141187	47.591	ug/l	99
46) Dibromomethane	7.64	93	96752	47.769	ug/l	99
47) Bromodichloromethane	7.88	83	203047	48.646	ug/l	97
48) Methyl methacrylate	7.74	41	160349	50.922	ug/l	99
49) 1,4-Dioxane	7.71	88	61055	855.859	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1002141	253.648	ug/l	100
52) Toluene	8.77	92	345208	47.869	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	215887	46.878	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	222543	45.078	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	143509	48.706	ug/l	99
56) Ethyl methacrylate	9.16	69	212753	50.731	ug/l	99
57) 1,3-Dichloropropane	9.35	76	238472	47.832	ug/l	99
59) 2-Hexanone	9.47	43	771409	267.341	ug/l	99
60) Dibromochloromethane	9.57	129	168279	49.173	ug/l	100
61) 1,2-Dibromoethane	9.65	107	156988	49.569	ug/l	97
64) Tetrachloroethene	9.32	164	138401	42.906	ug/l	93
65) Chlorobenzene	10.12	112	383555	46.496	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	149763	47.108	ug/l	99
67) Ethyl Benzene	10.24	91	662040	48.057	ug/l	98
68) m/p-Xylenes	10.34	106	513612	97.098	ug/l	98
69) o-Xylene	10.68	106	243334	48.357	ug/l	98
70) Stvrene	10.70	104	428446	50.000	ug/l	100
71) Bromoform	10.84	173	130985	51.957	ug/l #	98
73) Isopropylbenzene	11.00	105	652312	47.407	ug/l	99
74) N-amyl acetate	10.88	43	271852	46.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	204971	47.356	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	198610m	48.079	ug/l	
77) Bromobenzene	11.24	156	174041	46.022	ug/l	98
78) n-propylbenzene	11.34	91	717837	46.133	ug/l	99
79) 2-Chlorotoluene	11.40	91	442837	47.024	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	549931	48.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	72782	45.626	ug/l	99
82) 4-Chlorotoluene	11.49	91	525932	46.718	ug/l	100
83) tert-Butylbenzene	11.76	119	543385	48.499	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	555212	47.950	ug/l	99
85) sec-Butylbenzene	11.93	105	618143	46.935	ug/l	100
86) p-Isopropyltoluene	12.05	119	574819	46.884	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	305108	44.422	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	305743	47.192	ug/l	99
89) n-Butylbenzene	12.37	91	480947	43.933	ug/l	99
90) Hexachloroethane	12.58	117	111361	46.059	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	292540	45.566	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47961	46.450	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	190664	43.510	ug/l	98

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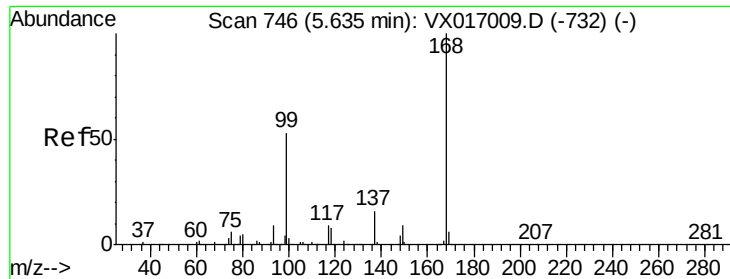
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	67713	40.872	ug/l	98
95) Naphthalene	13.82	128	645442	48.449	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	193026	45.516	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: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampled :

61BR-20200624MS

Tot Ion:168 Resp: 261429

Ion Ratio Lower Upper

168 100

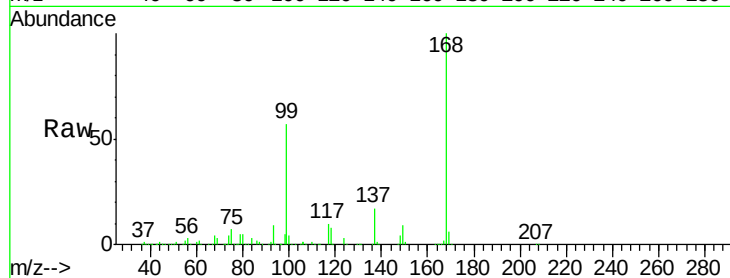
99 56.7 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

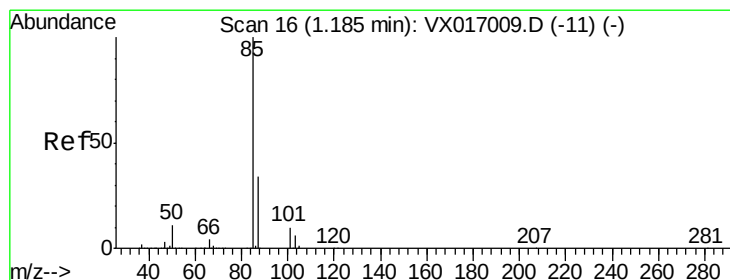
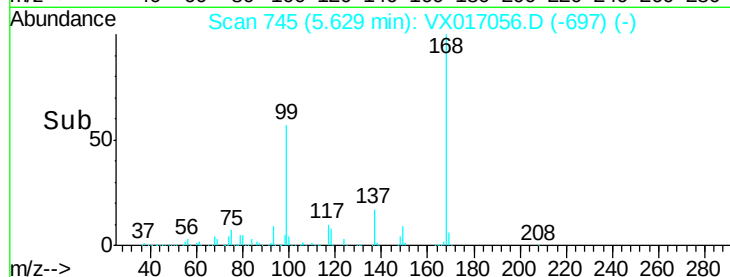
0

5.50

5.63

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.408 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017056.D

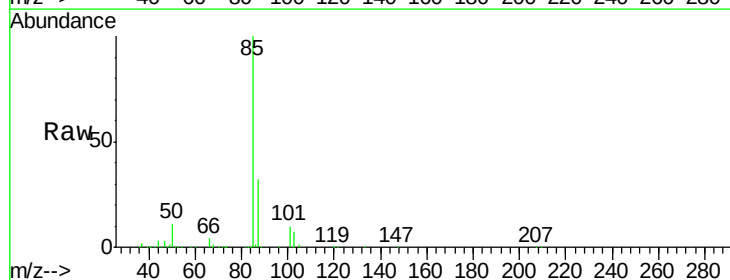
Acq: 30 Jun 2020 19:26

Tgt Ion: 85 Resp: 119903

Ion Ratio Lower Upper

85 100

87 32.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

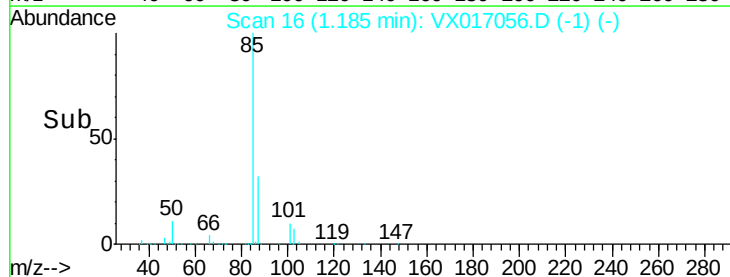
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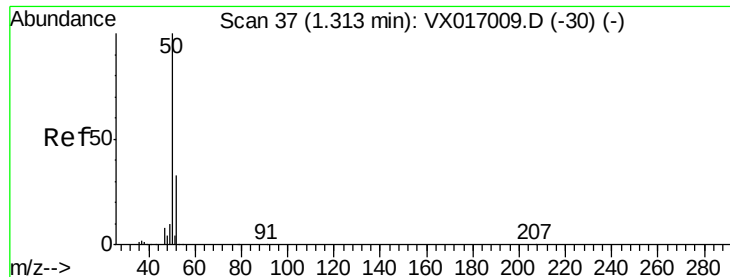
1.15

1.18

1.25

Time-->





#3

Chloromethane

Concen: 43.485 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion: 50 Resp: 133125

Ion Ratio Lower Upper

50 100

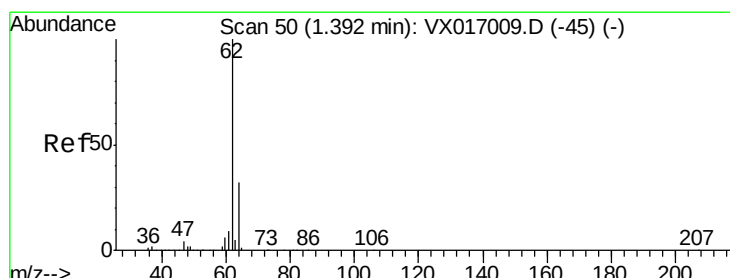
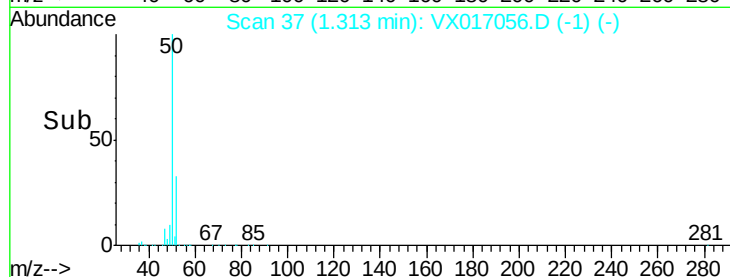
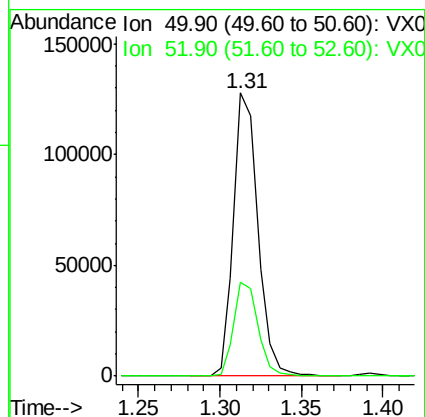
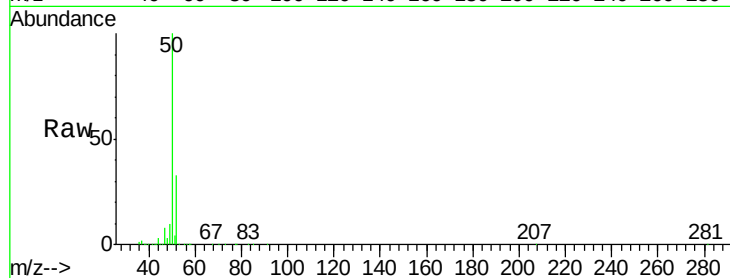
52 33.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 46.864 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017056.D

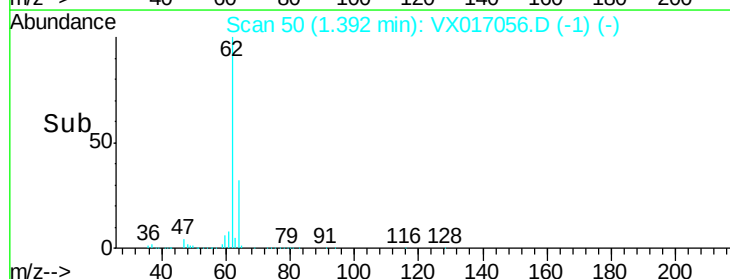
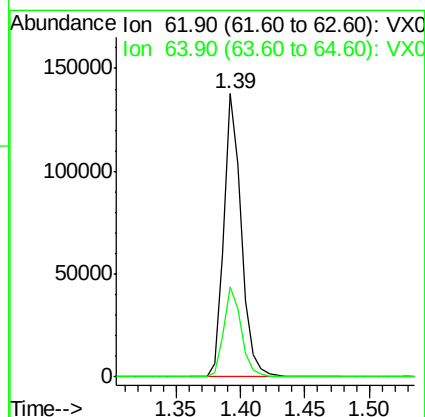
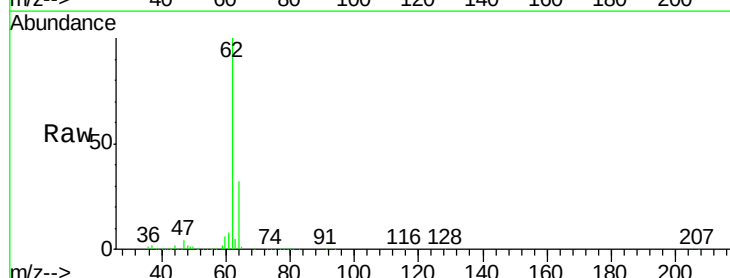
Acq: 30 Jun 2020 19:26

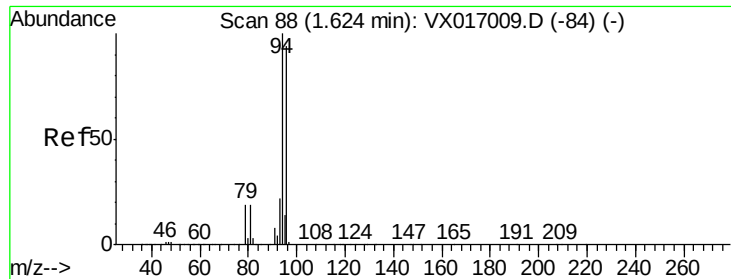
Tgt Ion: 62 Resp: 133113

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 44.145 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

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ClientSampleId :

61BR-20200624MS

Tot Ion: 94 Resp: 66248

Ion Ratio Lower Upper

94 100

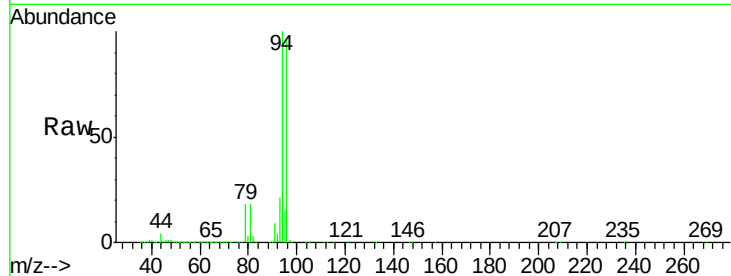
96 96.2 75.0 112.4

Manual Integrations

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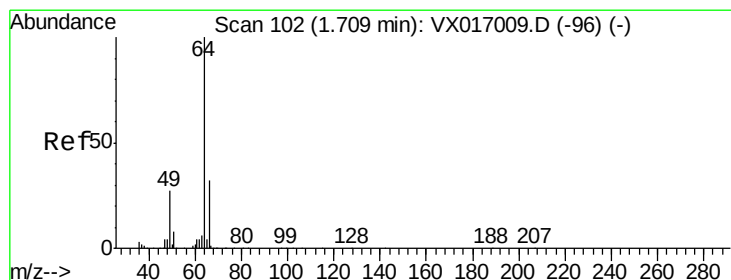
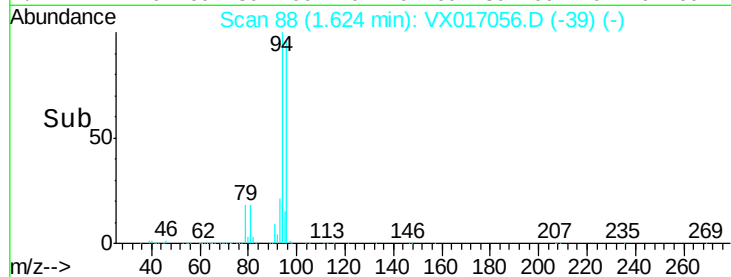
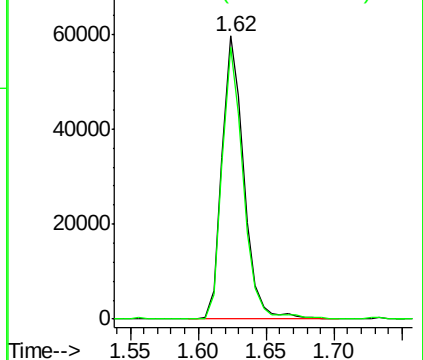
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.426 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017056.D

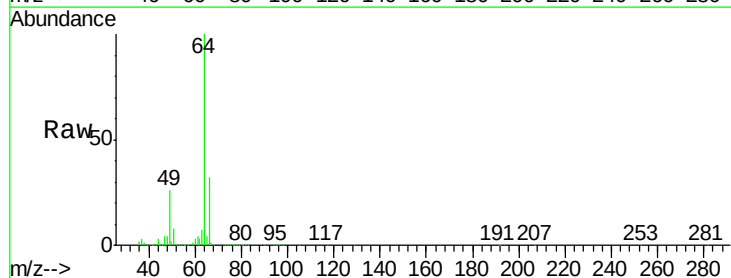
Acq: 30 Jun 2020 19:26

Tgt Ion: 64 Resp: 77882

Ion Ratio Lower Upper

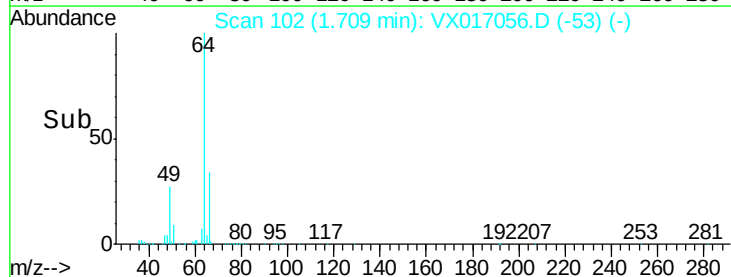
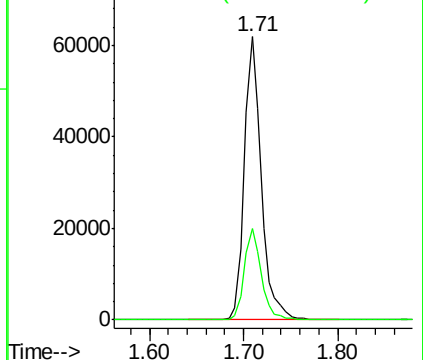
64 100

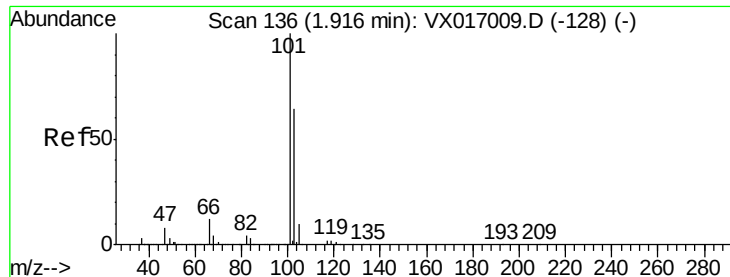
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

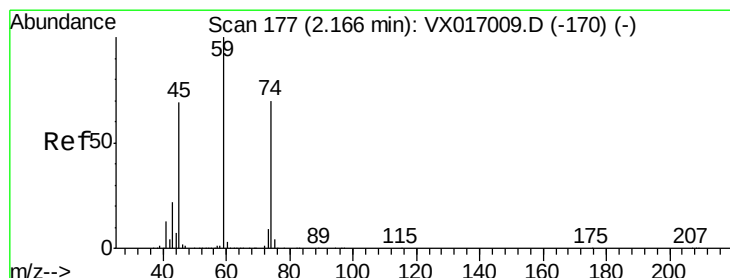
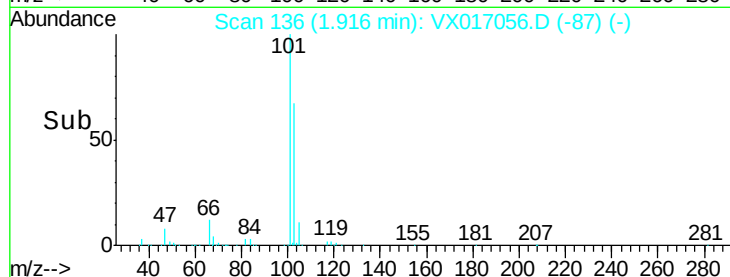
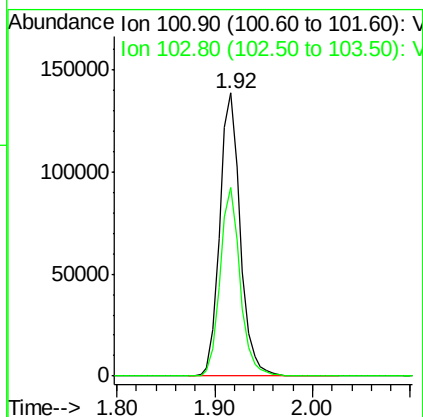
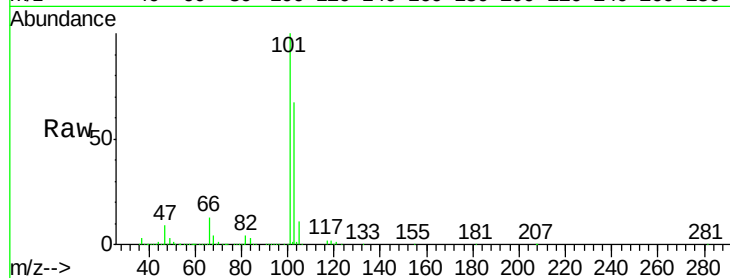
Trichlorofluoromethane
Concen: 47.906 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.5	77.3

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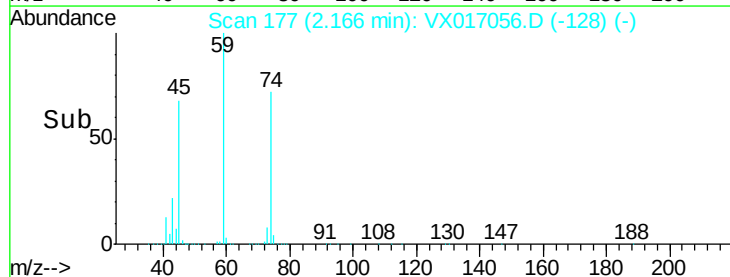
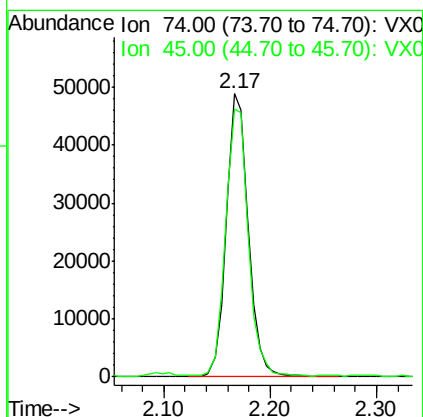
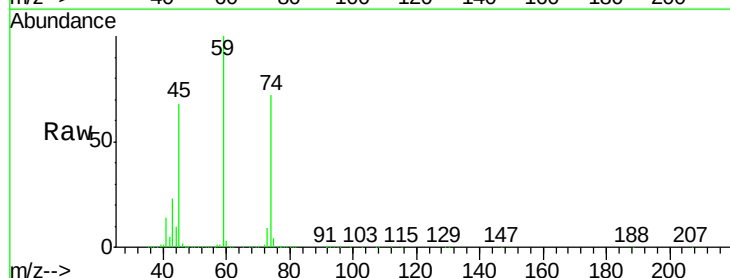
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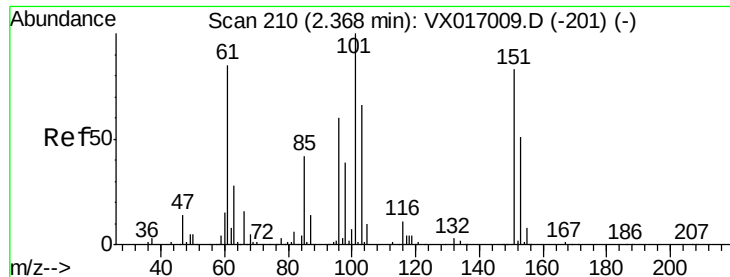


#8

Diethyl Ether
Concen: 50.233 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.569 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017056.D

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Instrument :

MSVOA_X

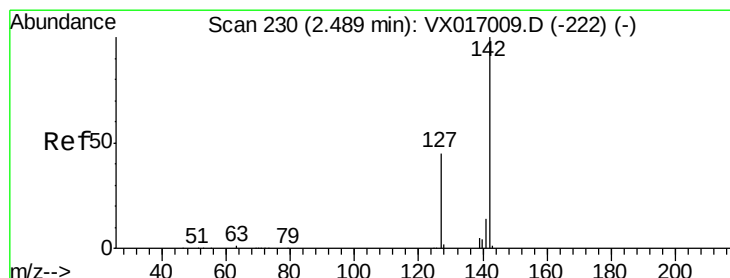
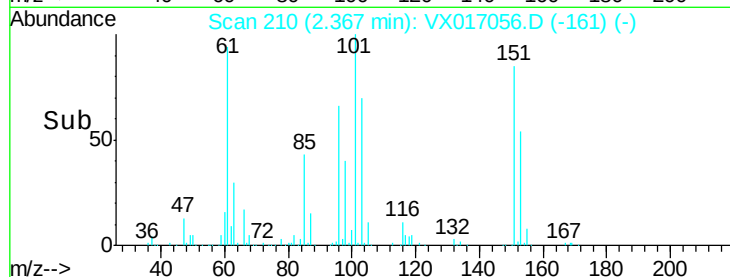
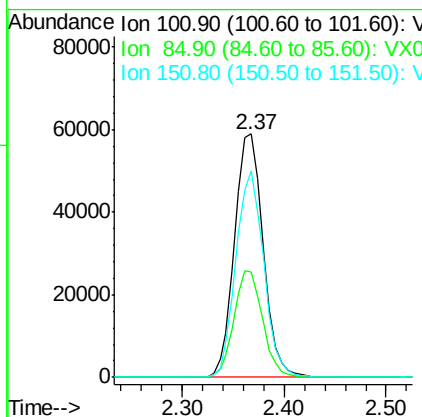
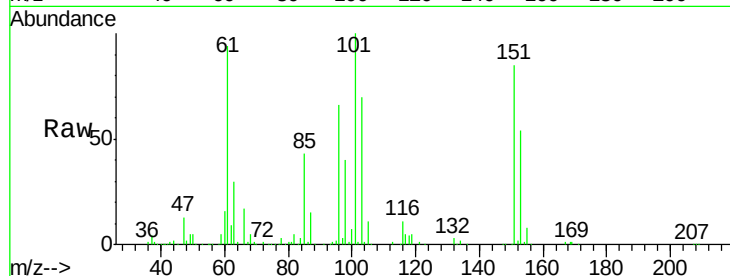
ClientSampleId :

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Tot Ion:	101	Resp:	114733
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.5	50.3
151	82.6	63.8	95.6

Manual Integrations
APPROVED

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7/1/2020 10:49:37 AM



#10

Methyl Iodide

Concen: 35.353 ug/l

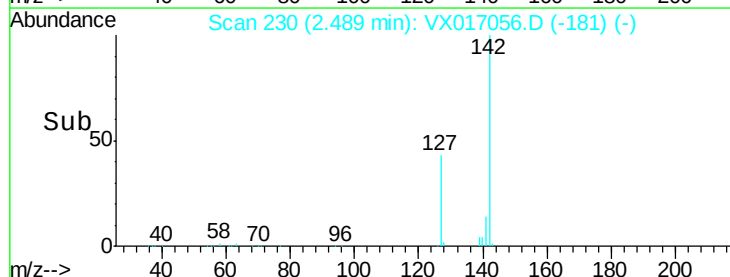
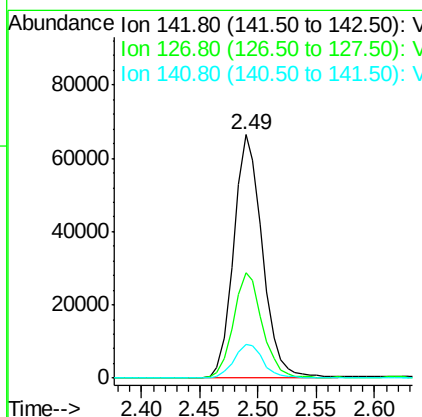
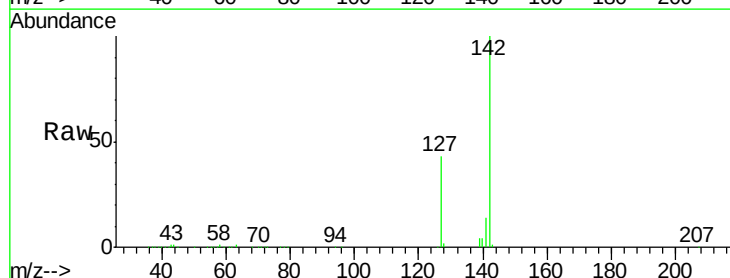
RT: 2.49 min Scan# 230

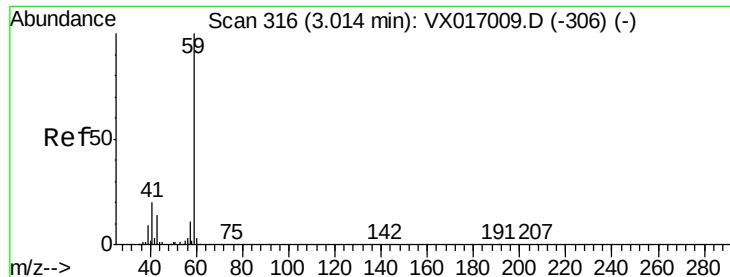
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	142	Resp:	114857
Ion Ratio	Lower	Upper	
142	100		
127	43.7	36.6	54.8
141	14.0	11.6	17.4





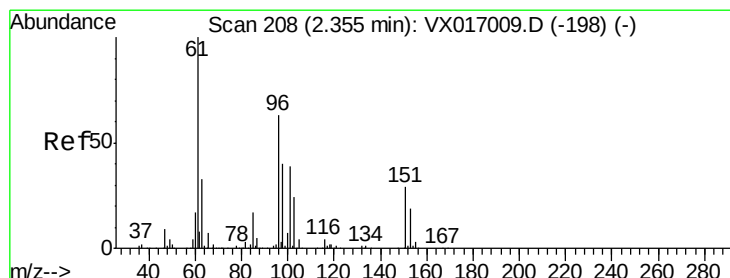
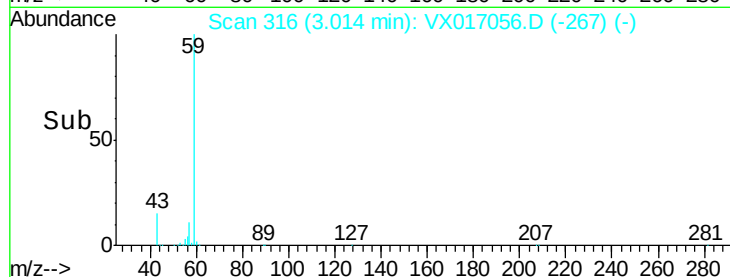
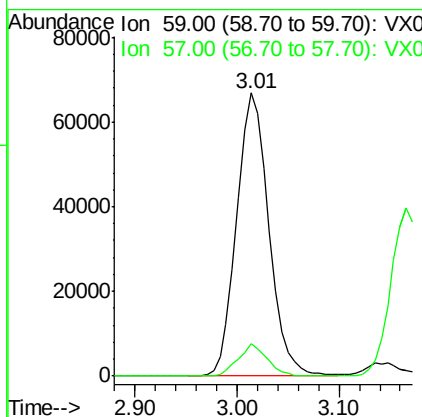
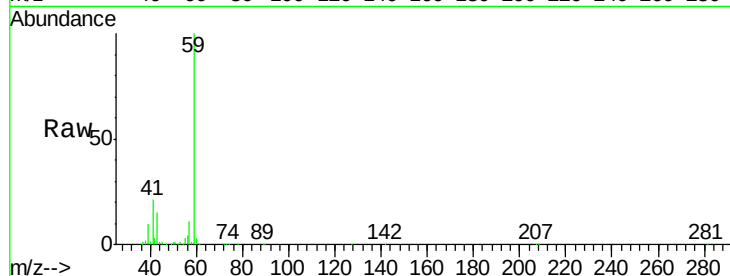
#11
Tert butyl alcohol
Concen: 238.966 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	146924		
57	57	10.4		8.2	12.2

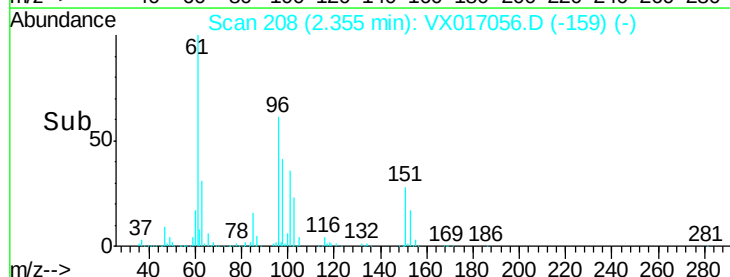
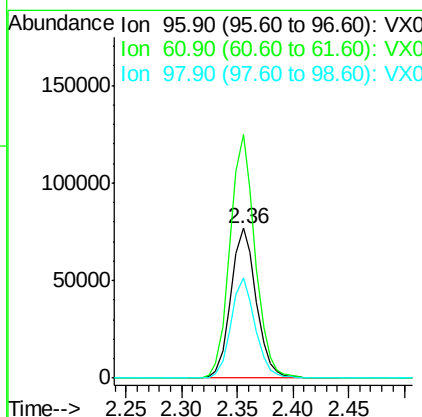
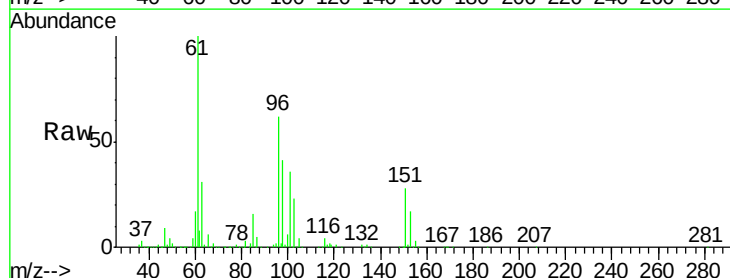
Manual Integrations
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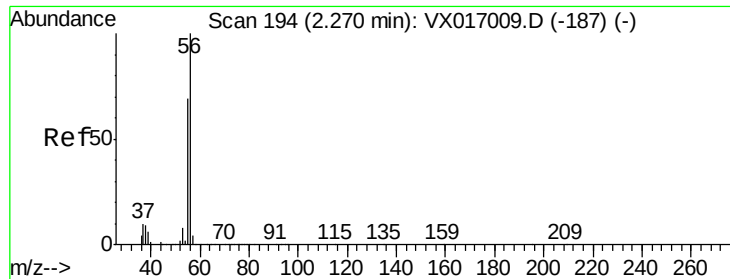
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.032 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	121647		
61	61	162.3		126.3	189.5
98	98	66.8		51.0	76.6





#13

Acrolein

Concen: 242.706 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion: 56 Resp: 89203

Ion Ratio Lower Upper

56 100

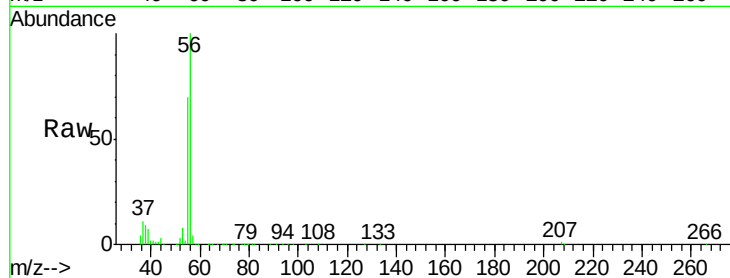
55 69.3 55.7 83.5

Manual Integrations

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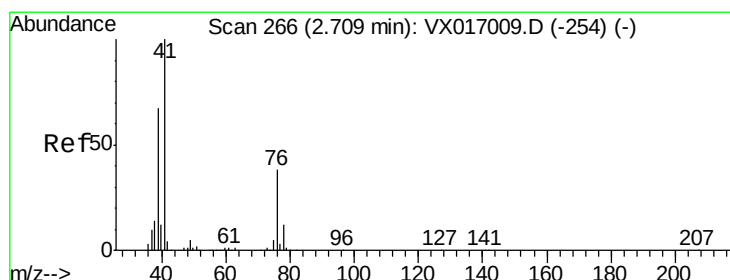
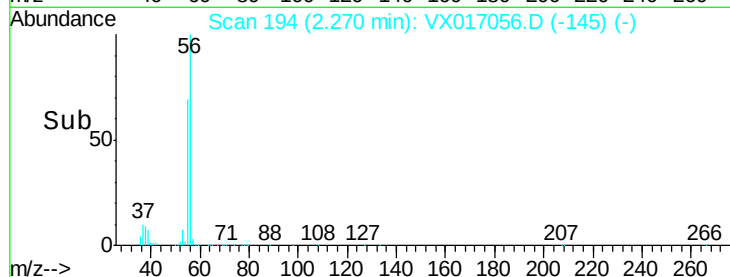
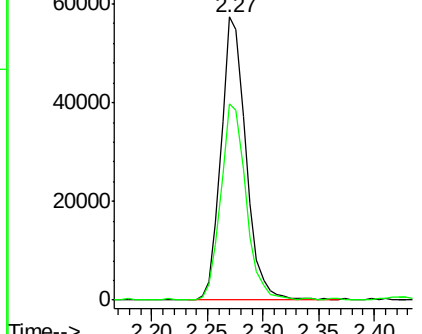
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.305 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

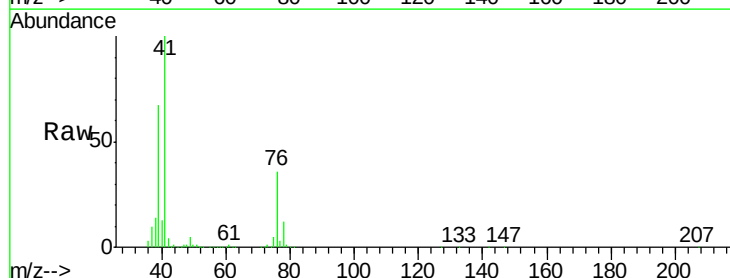
Tgt Ion: 41 Resp: 216558

Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

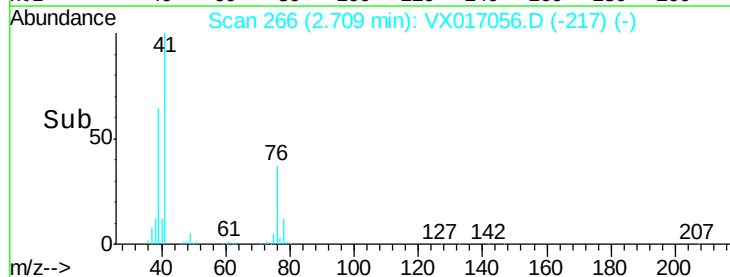
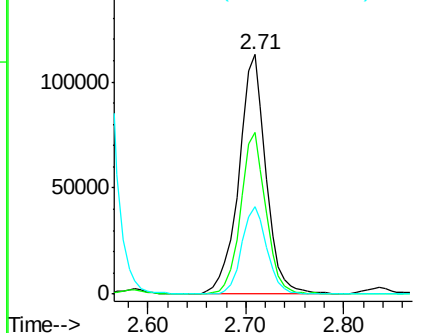
76 33.8 26.8 40.2

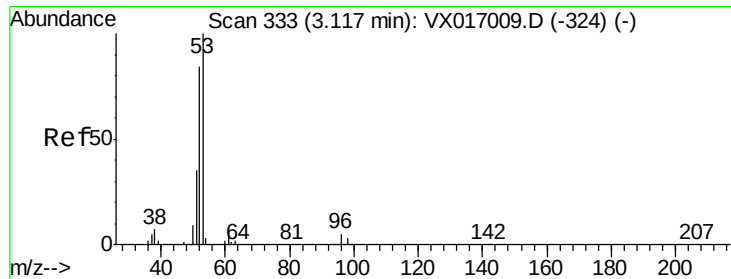


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 252.800 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

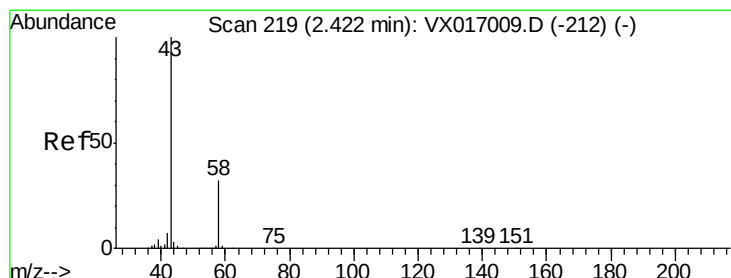
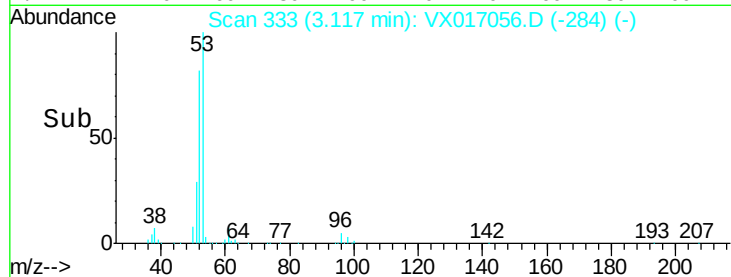
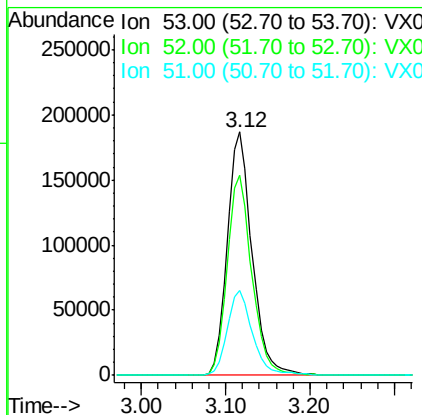
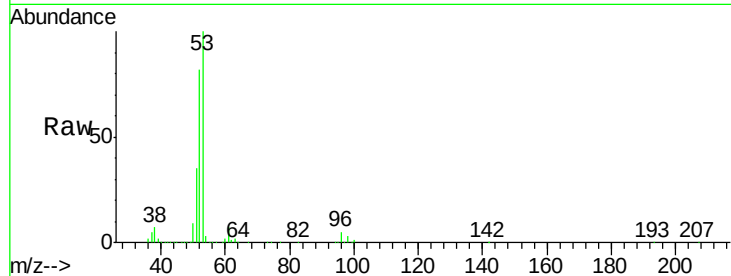
ClientSampleId :

61BR-20200624MS

Tot Ion:	53	Resp:	373647
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.6	98.4
51	35.7	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 253.448 ug/l

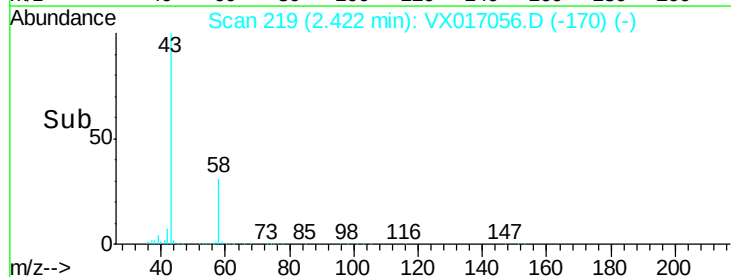
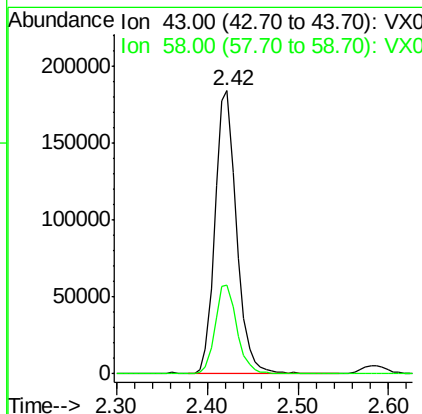
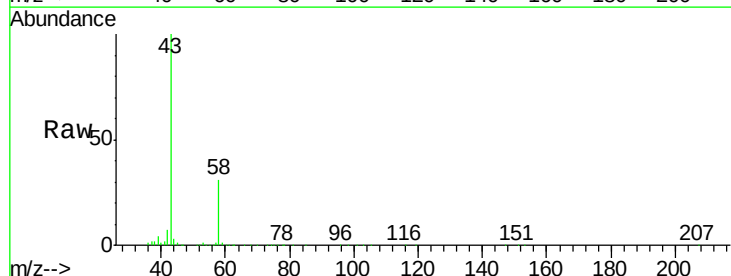
RT: 2.42 min Scan# 219

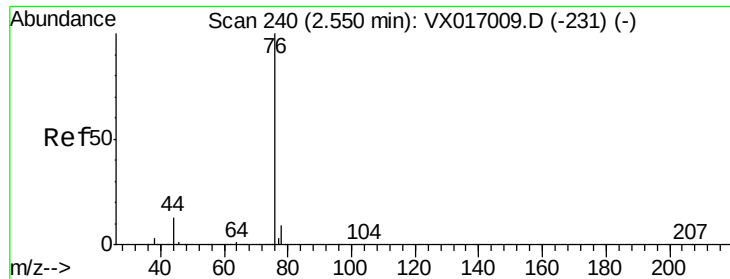
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	43	Resp:	305571
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.7	38.5





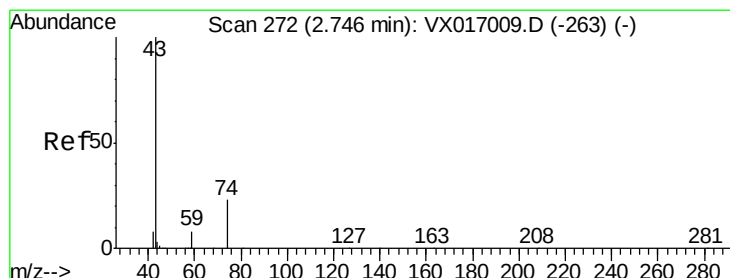
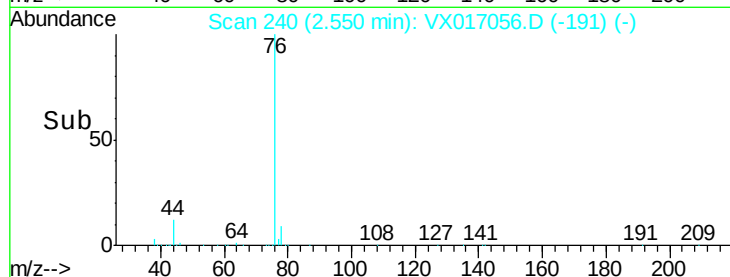
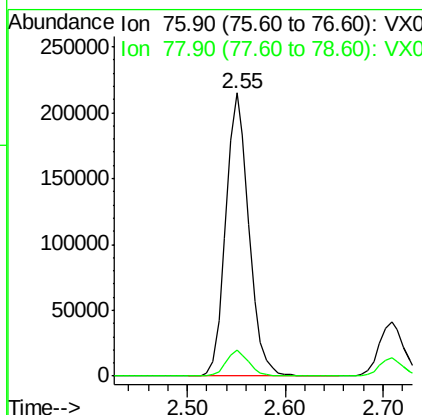
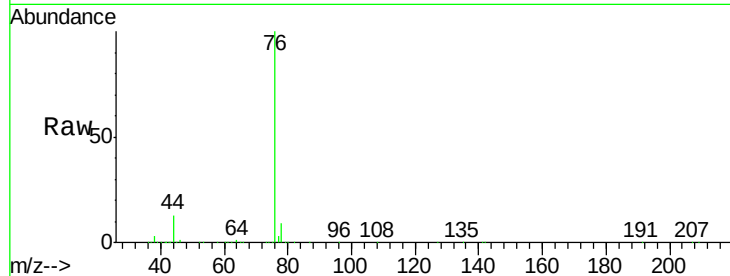
#17
Carbon Disulfide
Concen: 48.670 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

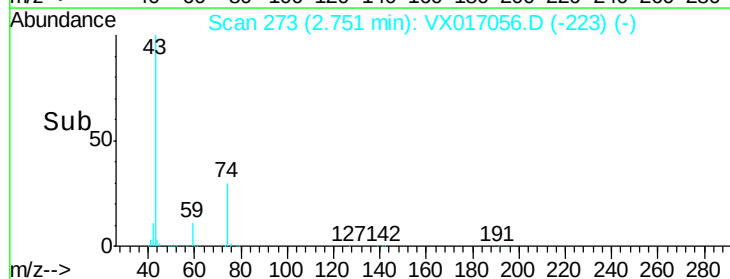
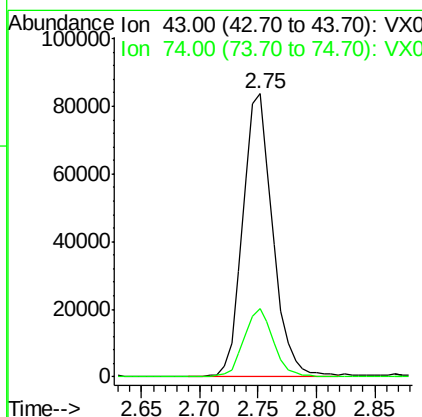
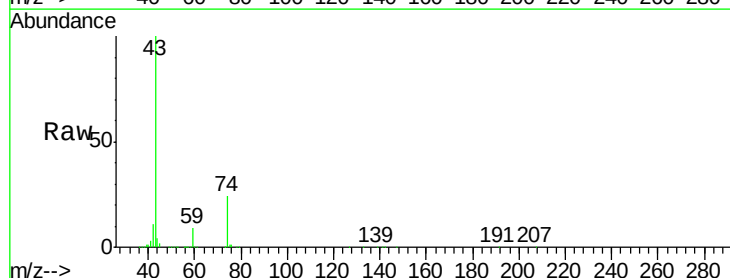
Manual Integrations
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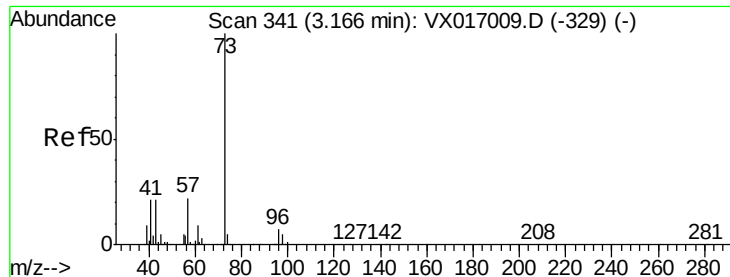
MMDadoda
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#18
Methyl Acetate
Concen: 47.929 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.3	28.9





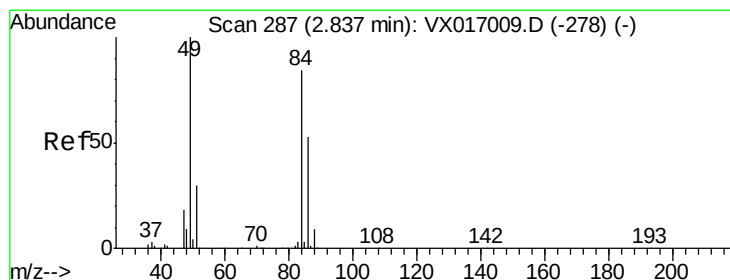
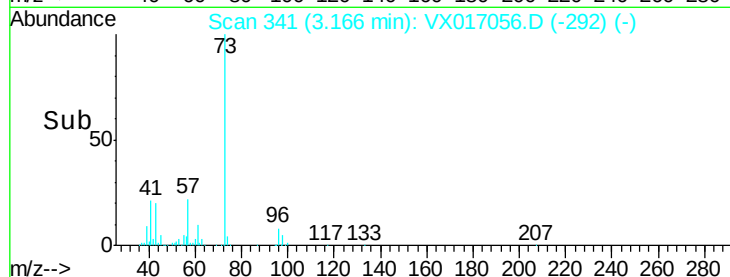
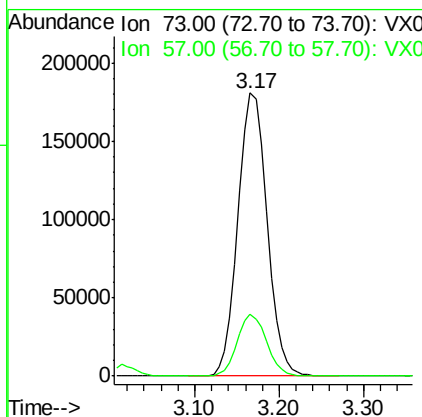
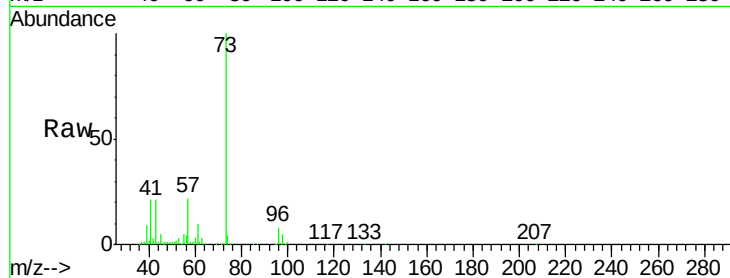
#19
Methyl tert-butyl Ether
Concen: 48.746 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.6	26.4

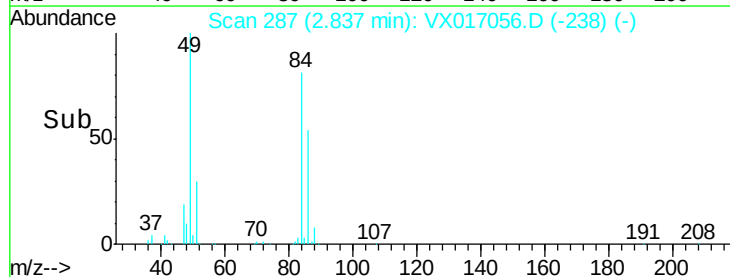
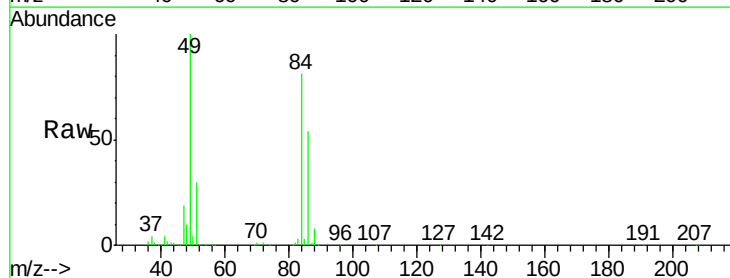
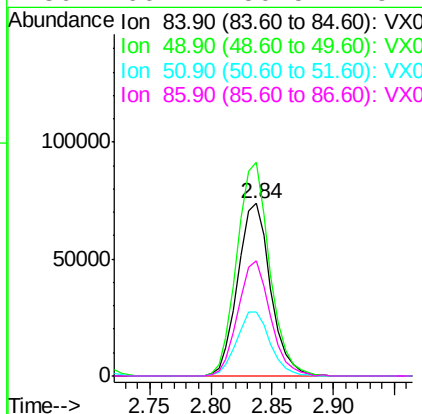
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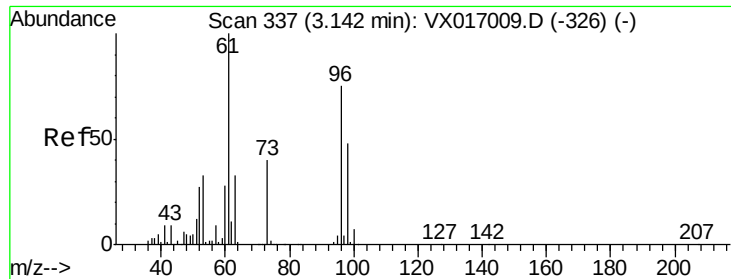
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#20
Methylene Chloride
Concen: 49.626 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	94.7	142.1
51	37.0	28.6	42.8
86	66.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 47.798 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

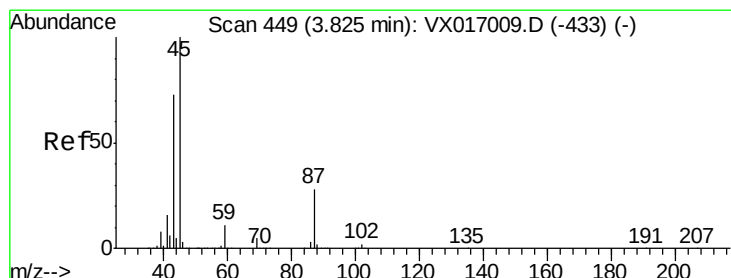
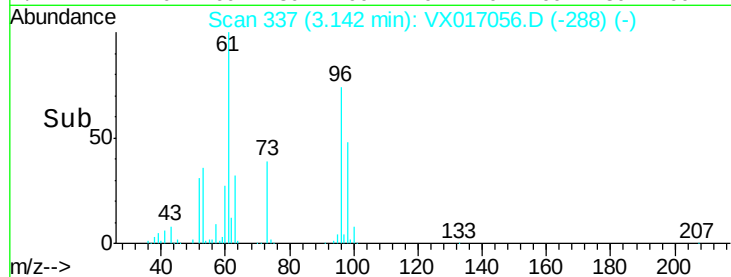
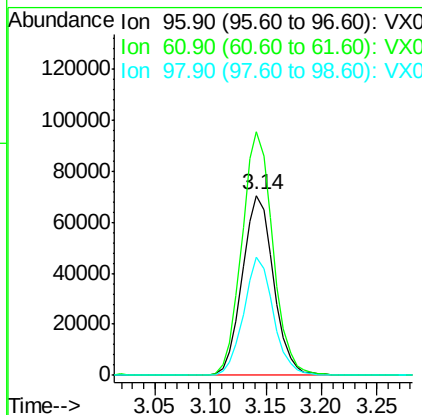
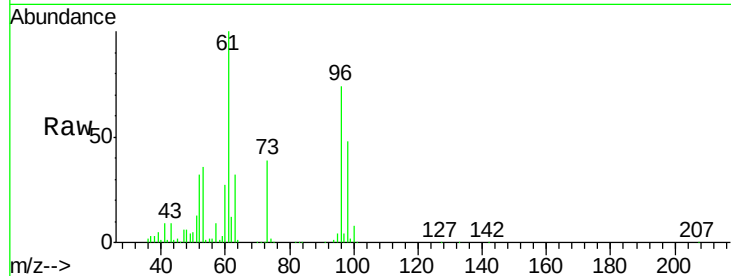
ClientSampleId :

61BR-20200624MS

Tot Ion:	96	Resp:	137197
Ion	Ratio	Lower	Upper
96	100		
61	135.2	107.0	160.6
98	65.3	51.6	77.4

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#22

Diisopropyl ether

Concen: 48.423 ug/l

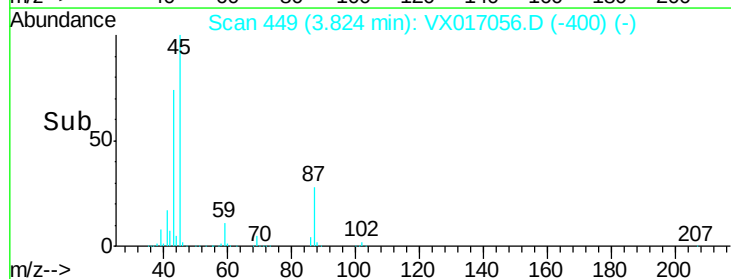
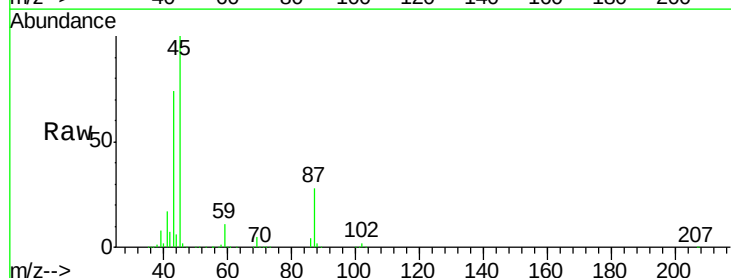
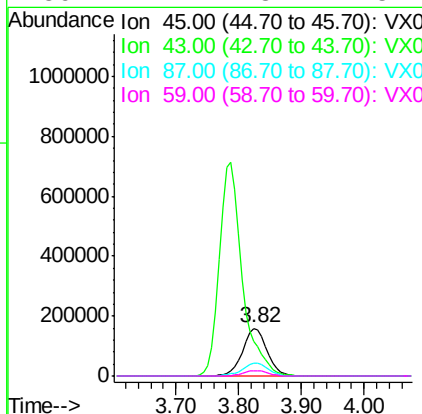
RT: 3.82 min Scan# 449

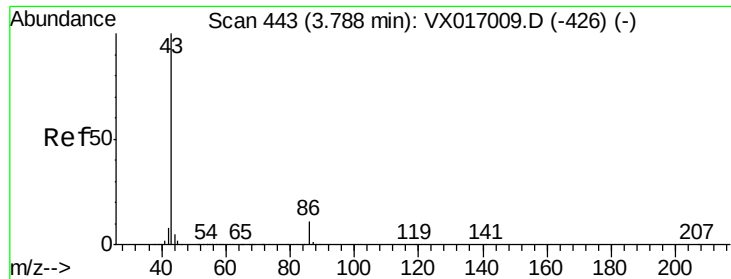
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	45	Resp:	428395
Ion	Ratio	Lower	Upper
45	100		
43	73.9	58.6	88.0
87	28.3	22.6	34.0
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 238.645 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion: 43 Resp: 1814248

Ion Ratio Lower Upper

43 100

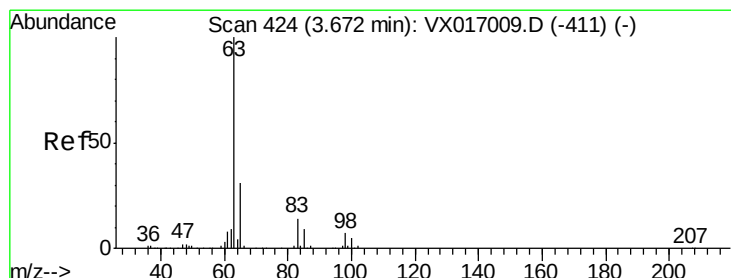
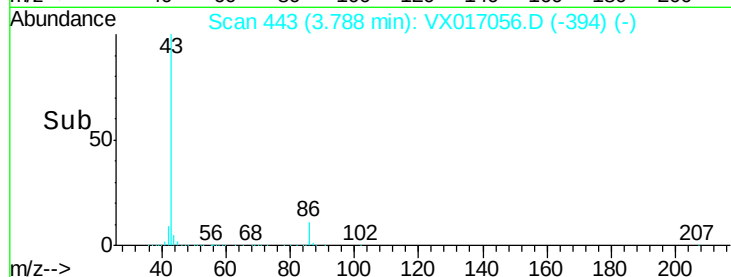
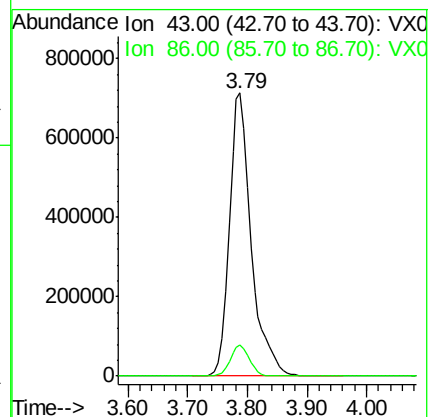
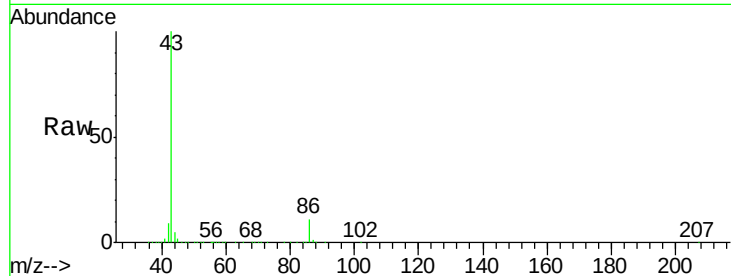
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 47.609 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

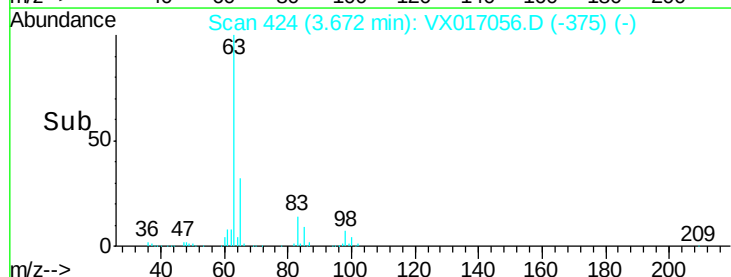
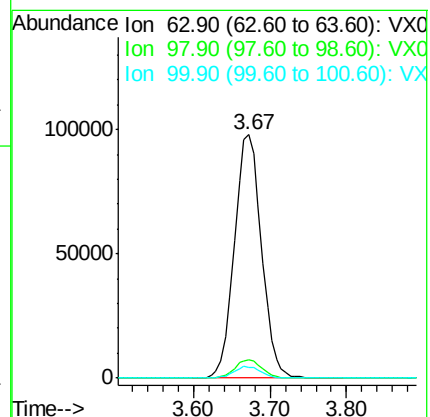
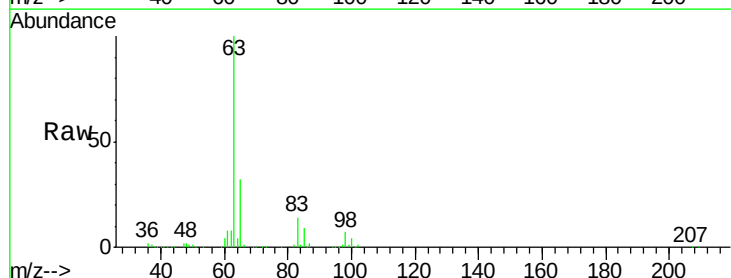
Tgt Ion: 63 Resp: 239660

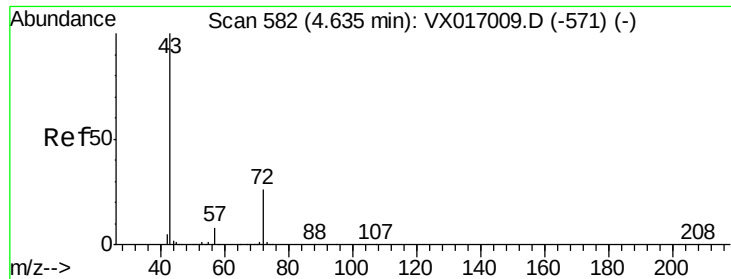
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 255.426 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion: 43 Resp: 513133

Ion Ratio Lower Upper

43 100

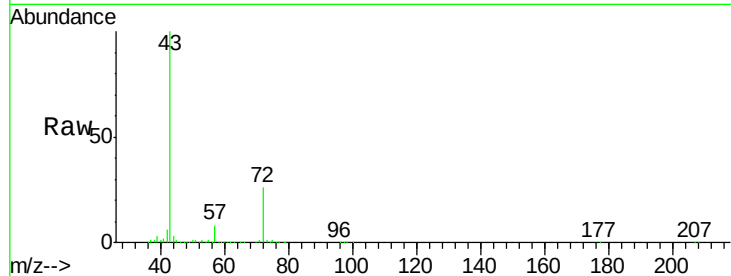
72 26.0 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

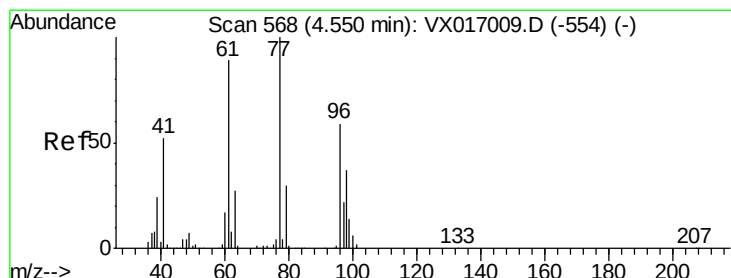
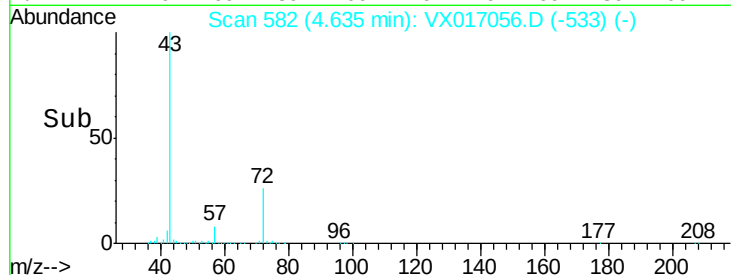
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 40.490 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017056.D

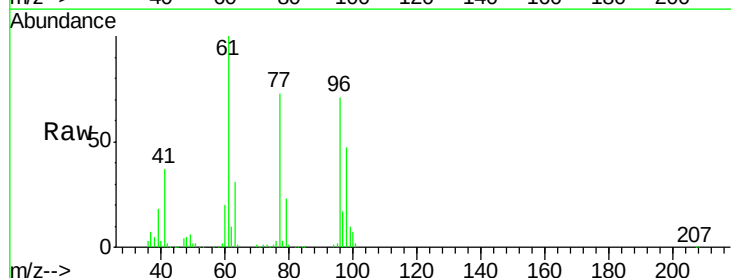
Acq: 30 Jun 2020 19:26

Tgt Ion: 77 Resp: 180974

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

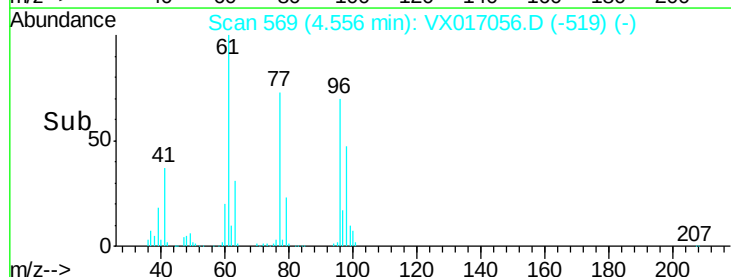
60000

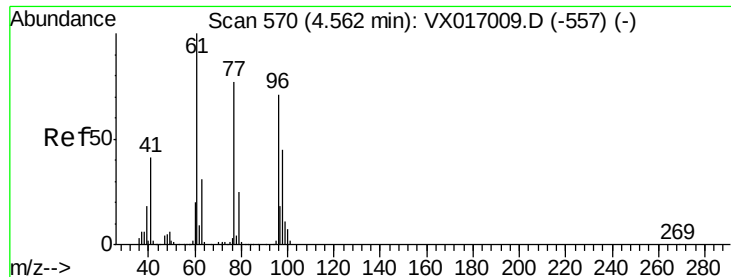
40000

20000

0

Time-->





#27

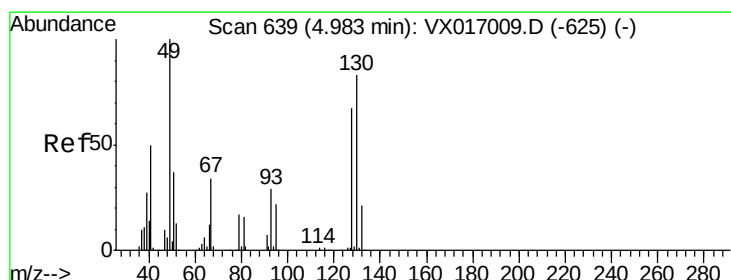
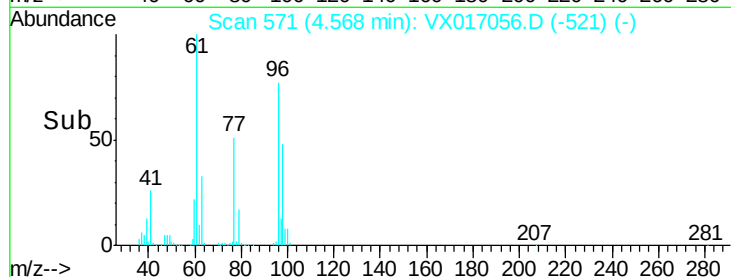
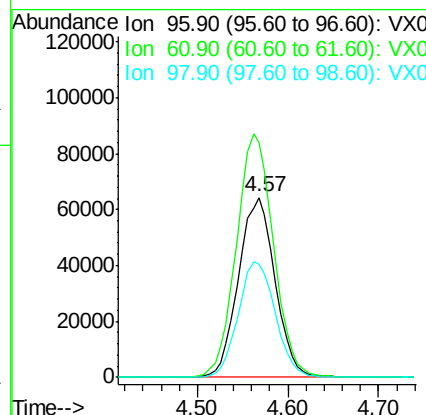
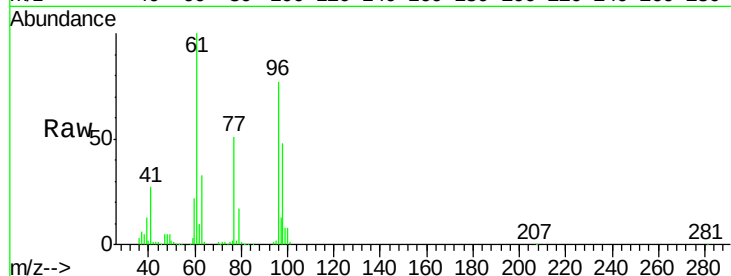
cis-1,2-Dichloroethene
 Concen: 55.287 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	179806		
61	137.9	0.0	282.8	
98	65.3	0.0	127.6	

Manual Integrations
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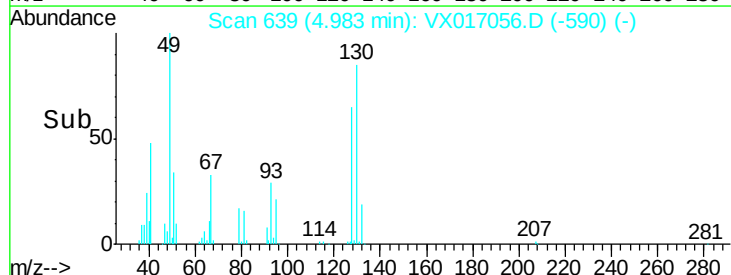
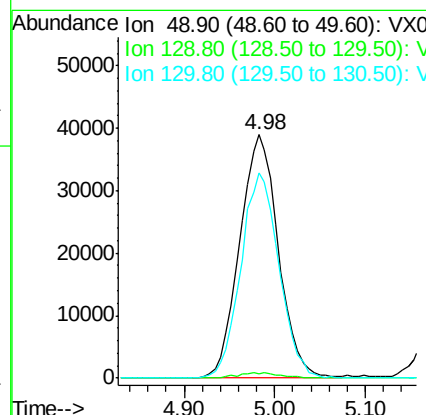
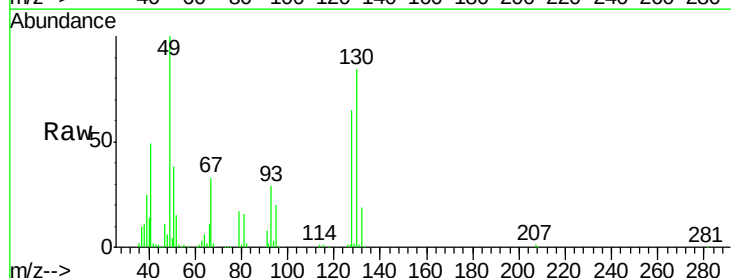
MMDadoda
 7/1/2020 10:49:37 AM

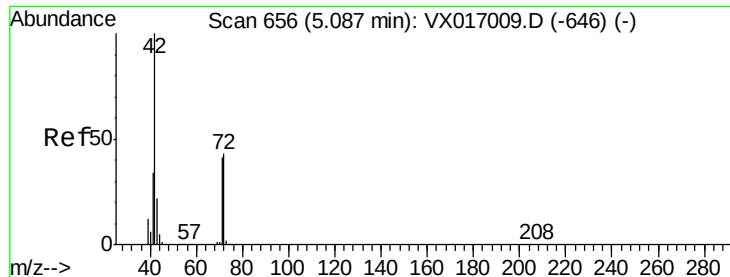


#28

Bromochloromethane
 Concen: 47.014 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115164		
129	2.3	0.0	4.2	
130	83.2	66.6	100.0	





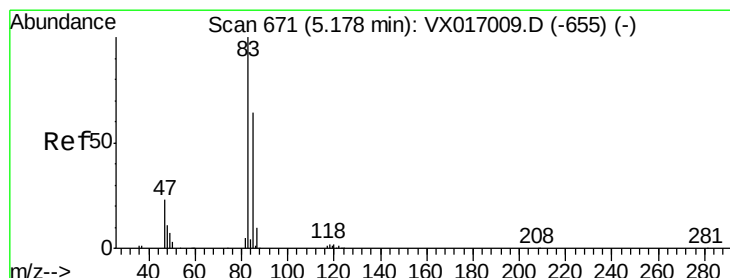
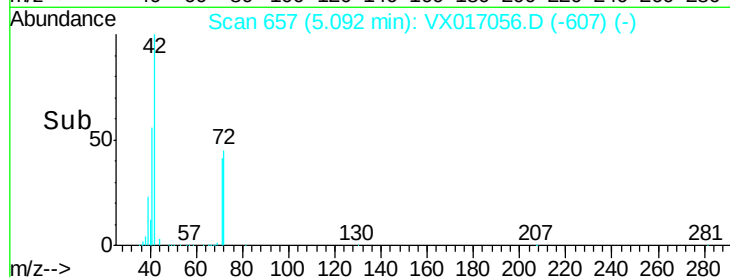
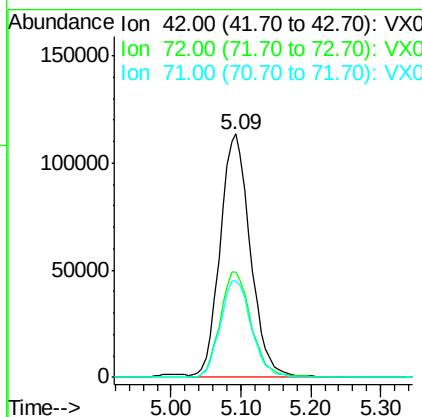
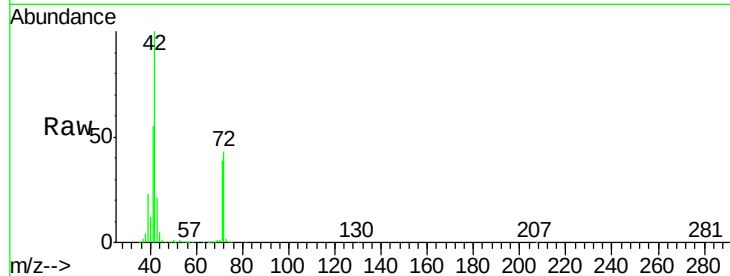
#29
Tetrahydrofuran
Concen: 255.199 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.3	52.9
71	41.0	33.1	49.7

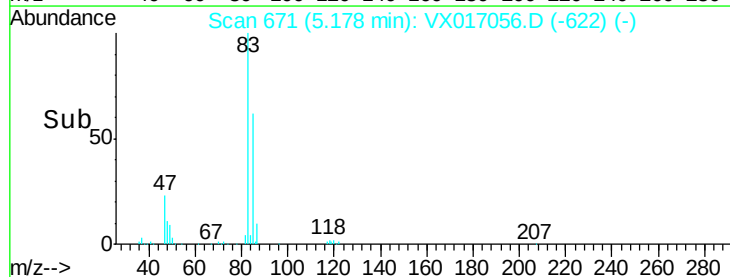
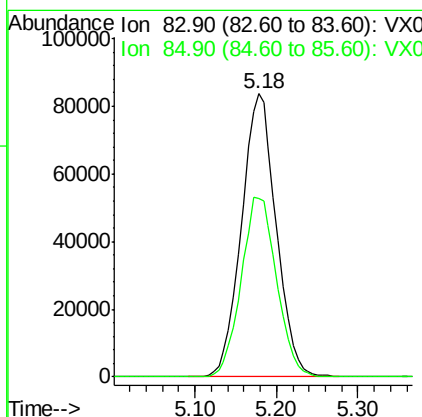
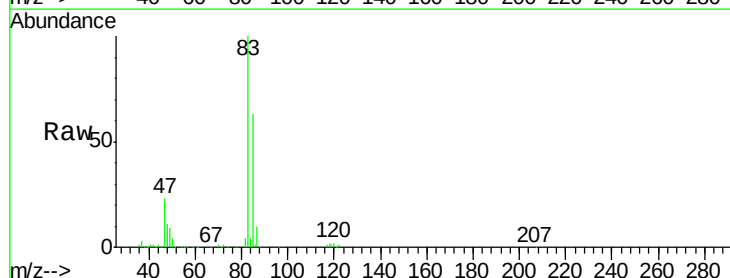
Manual Integrations
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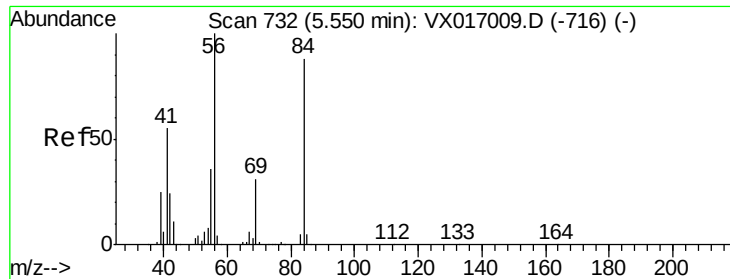
MMDadoda
7/1/2020 10:49:37 AM



#30
Chloroform
Concen: 47.830 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.4	77.2





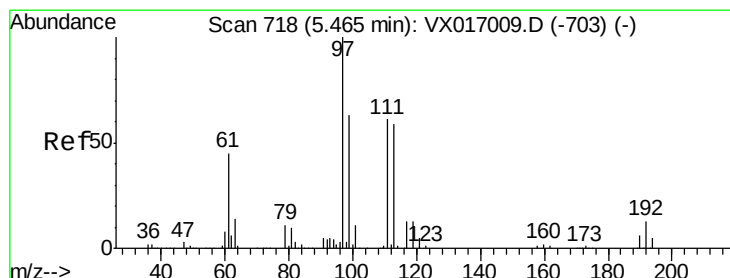
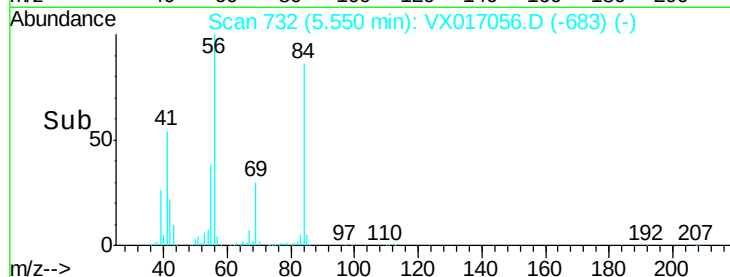
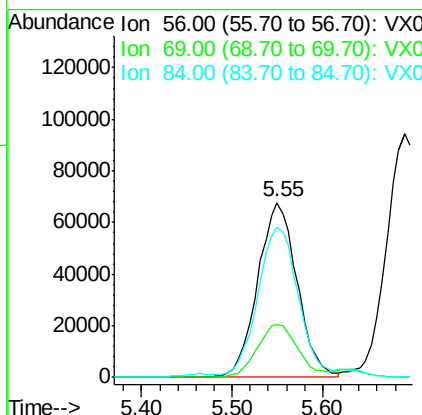
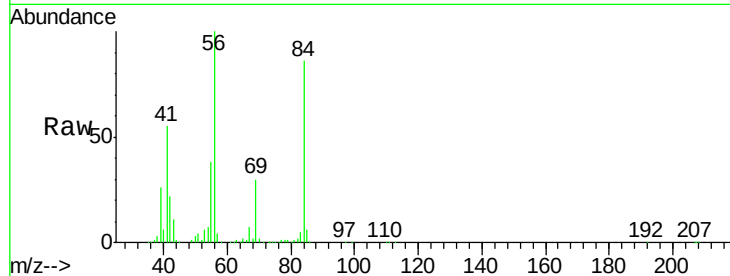
#31
Cyclohexane
Concen: 46.736 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.0	37.4
84	84.4	69.1	103.7

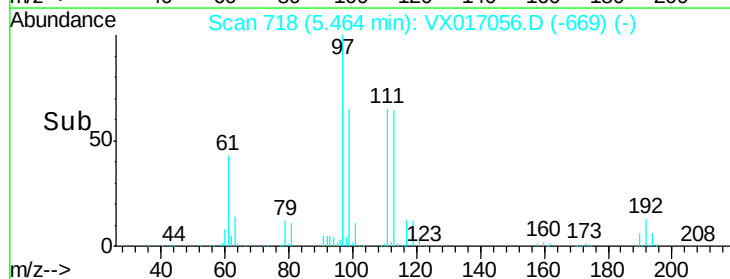
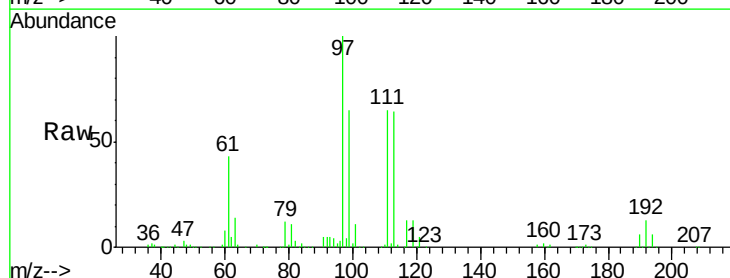
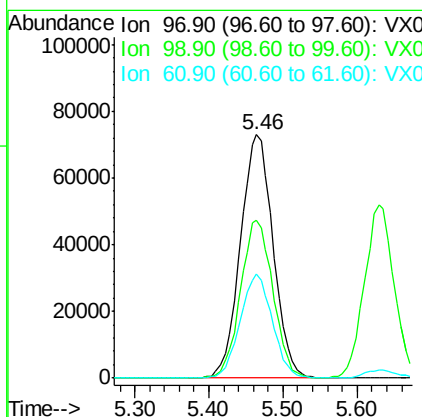
Manual Integrations
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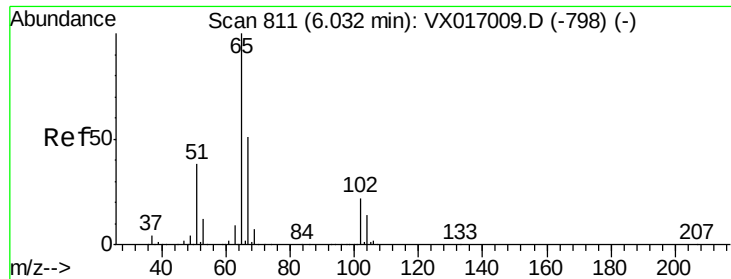
MMDadoda
7/1/2020 10:49:37 AM



#32
1,1,1-Trichloroethane
Concen: 47.299 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.8	76.2
61	42.3	33.7	50.5





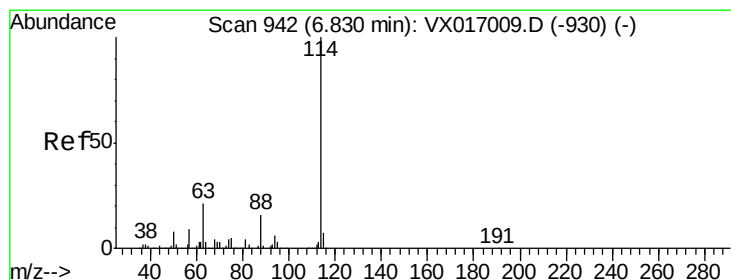
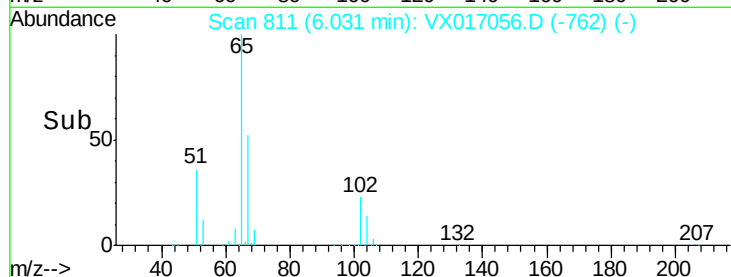
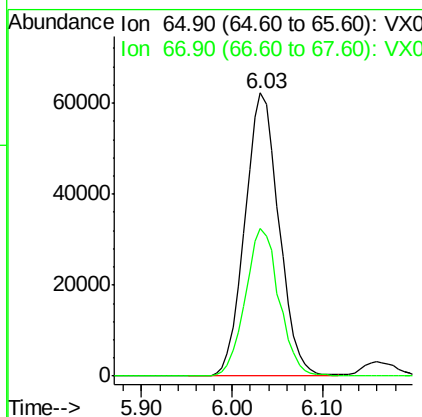
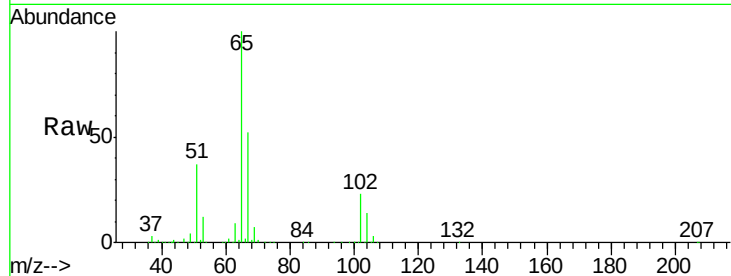
#33
 1,2-Dichloroethane-d4
 Concen: 50.358 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162300		
67	51.7	0.0	103.8	

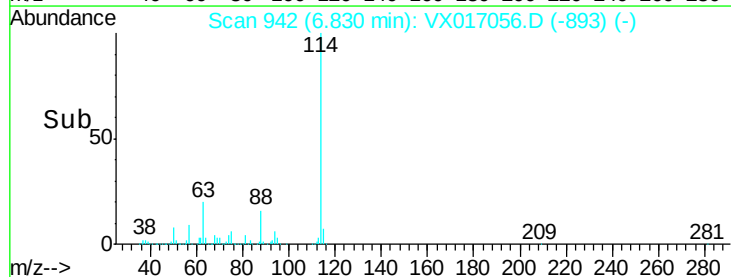
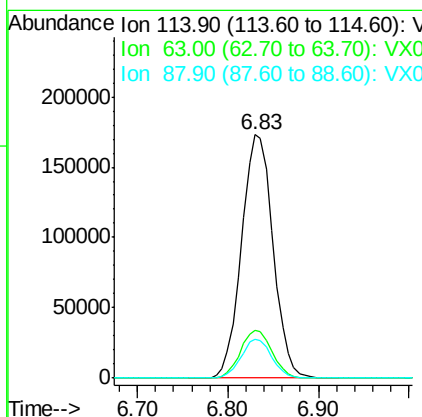
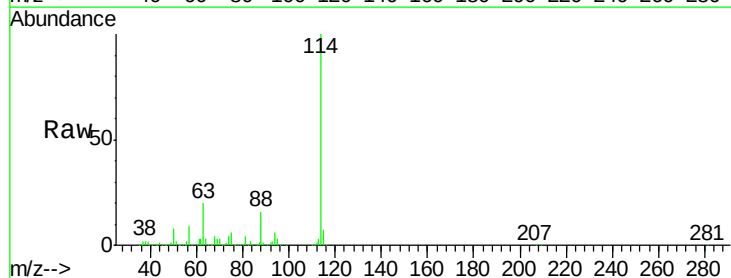
Manual Integrations
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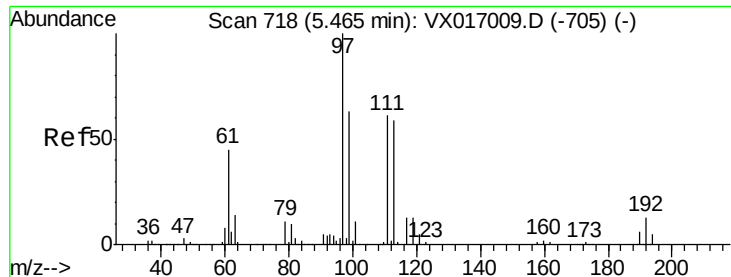
MMDadoda
 7/1/2020 10:49:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	415947		
63	19.6	0.0	41.4	
88	16.0	0.0	32.4	





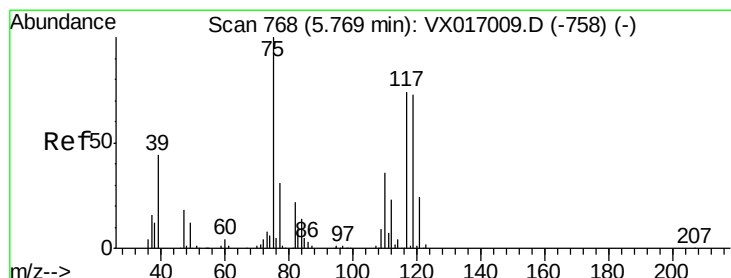
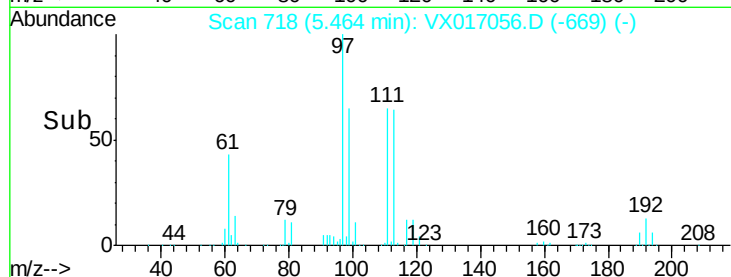
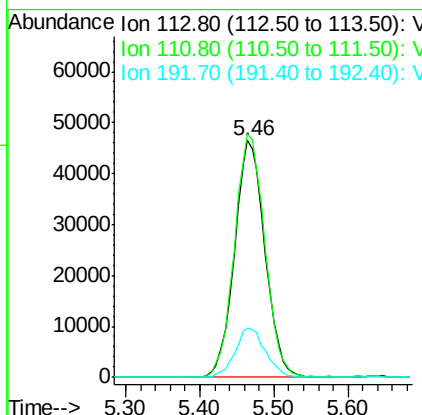
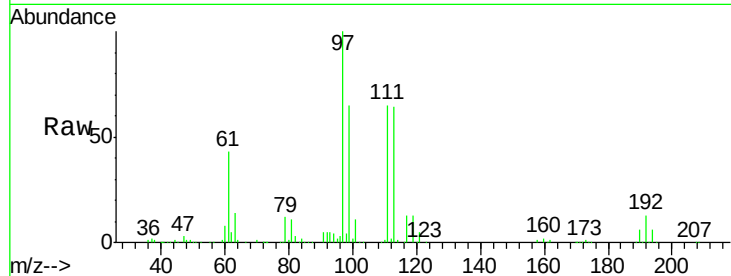
#35
Dibromofluoromethane
Concen: 50.473 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132802		
111	102.8	81.9	122.9	
192	21.0	16.7	25.1	

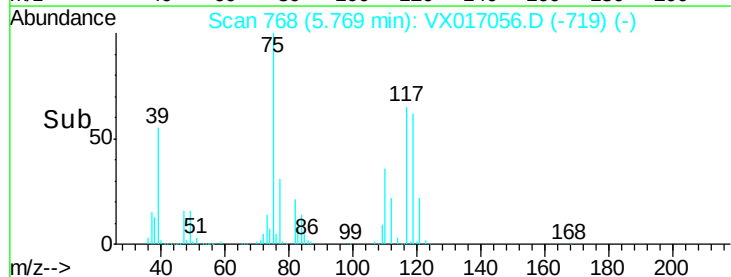
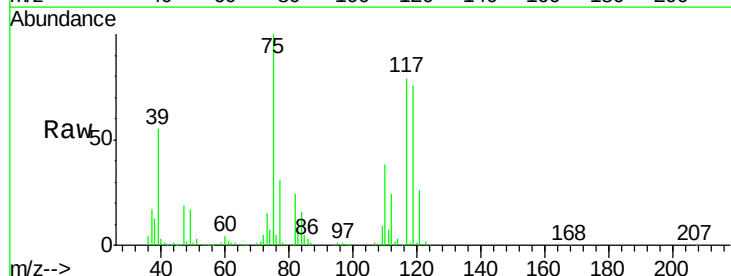
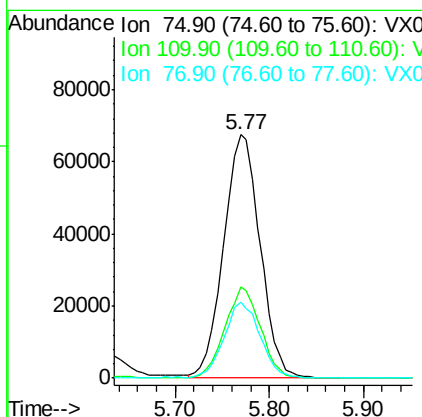
Manual Integrations
APPROVED

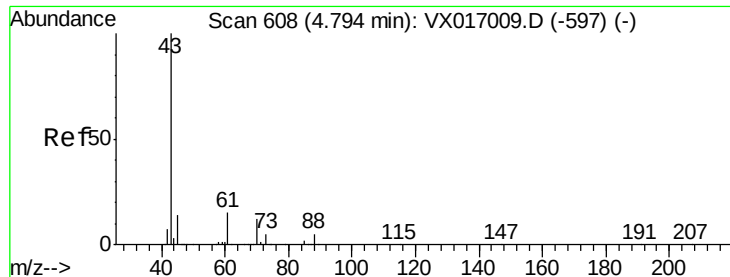
MMDadoda
7/1/2020 10:49:37 AM



#36
1,1-Dichloropropene
Concen: 45.976 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	180742		
110	36.8	18.1	54.1	
77	31.0	24.6	37.0	





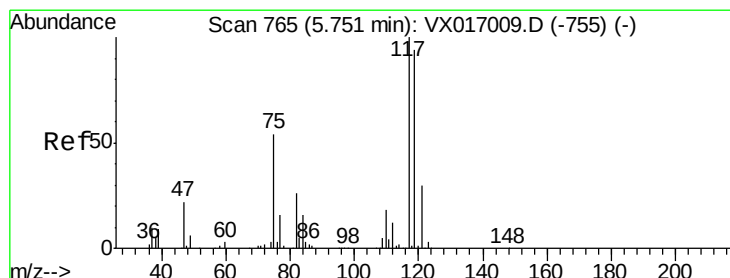
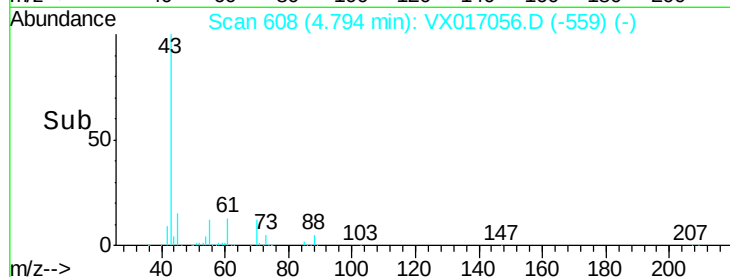
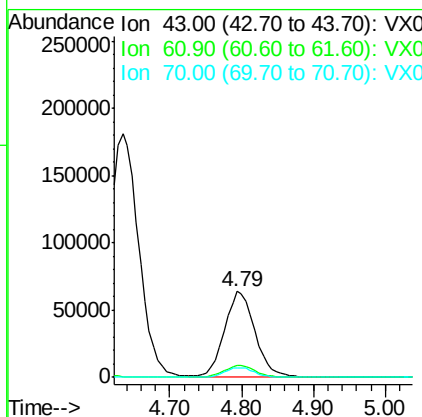
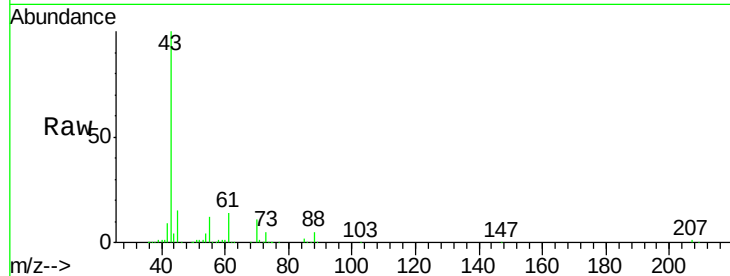
#37
Ethyl Acetate
Concen: 47.033 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.2	8.9	13.3

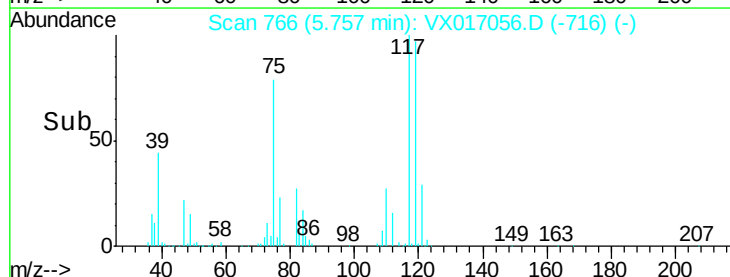
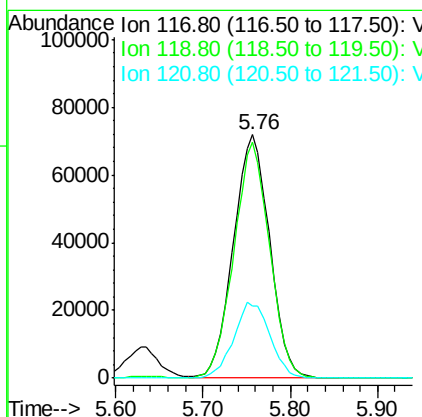
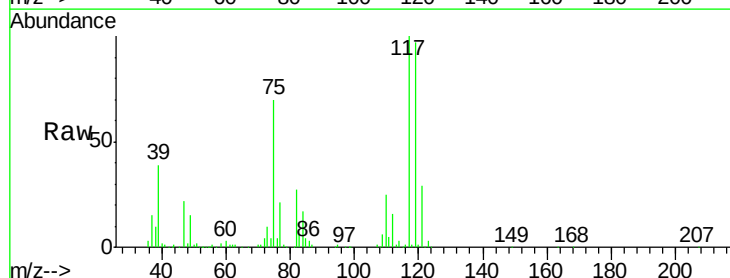
Manual Integrations
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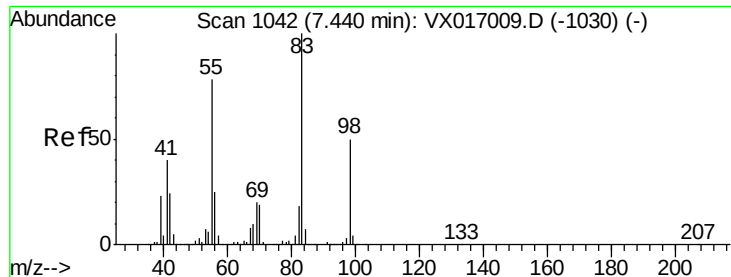
MMDadoda
7/1/2020 10:49:37 AM



#38
Carbon Tetrachloride
Concen: 47.767 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
121	29.4	23.8	35.6





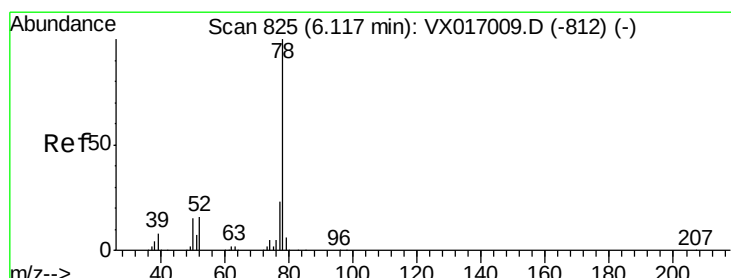
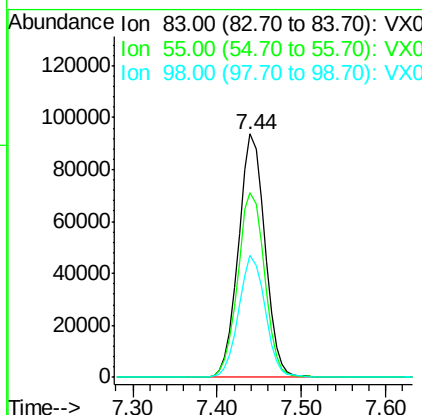
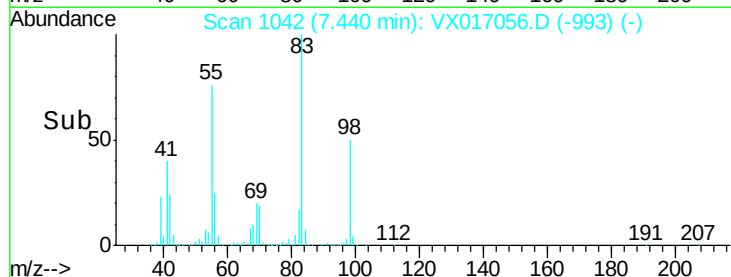
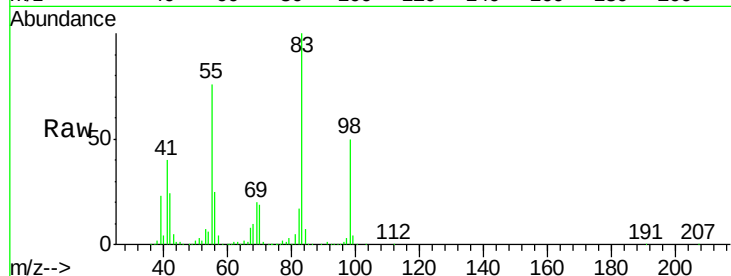
#39
Methylvlcyclohexane
Concen: 45.366 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	198430		
55	75.8	62.5	93.7	
98	50.3	40.1	60.1	

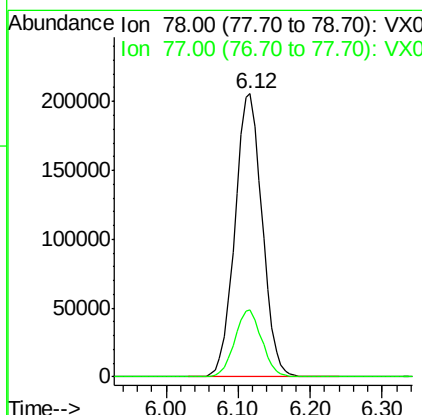
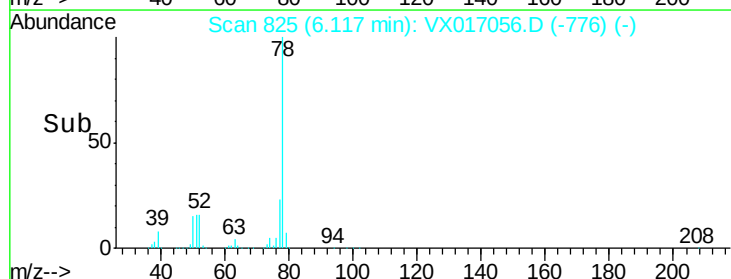
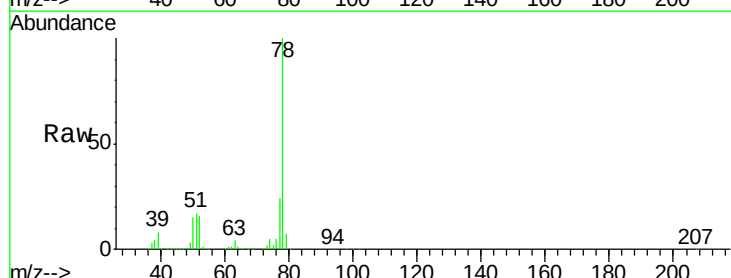
Manual Integrations
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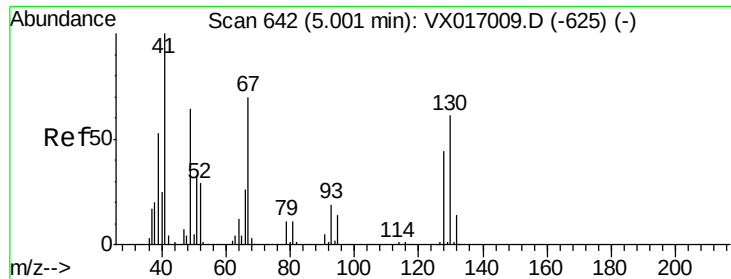
MMDadoda
7/1/2020 10:49:37 AM



#40
Benzene
Concen: 46.762 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	540129		
77	23.6	18.3	27.5	





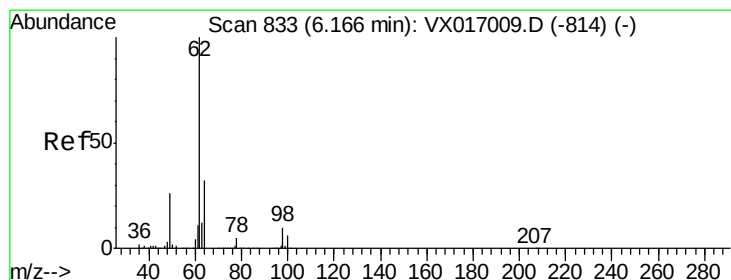
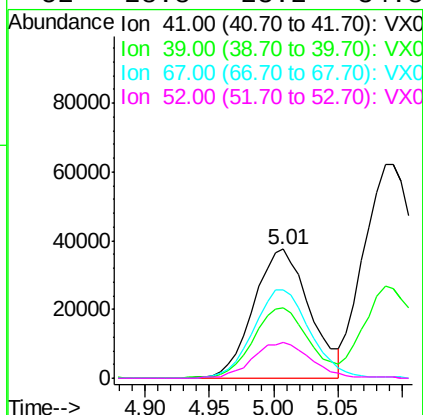
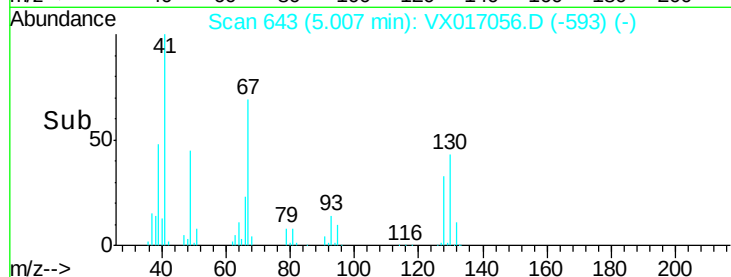
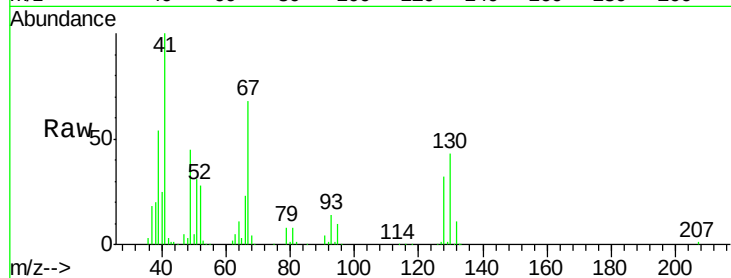
#41
Methacrylonitrile
Concen: 50.421 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		113191		
39	54.7	44.4	66.6		
67	69.5	57.1	85.7		
52	28.8	23.2	34.8		

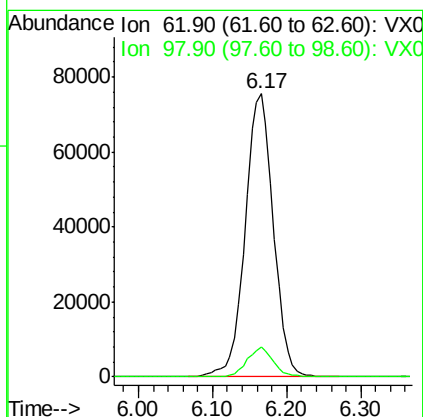
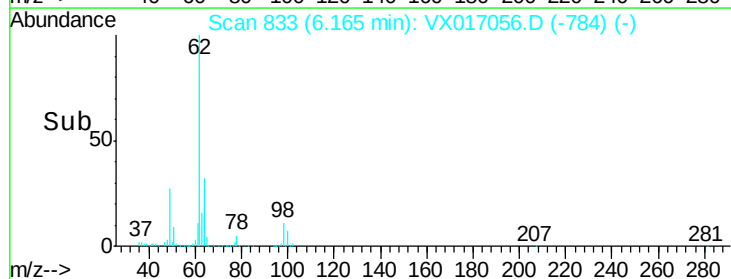
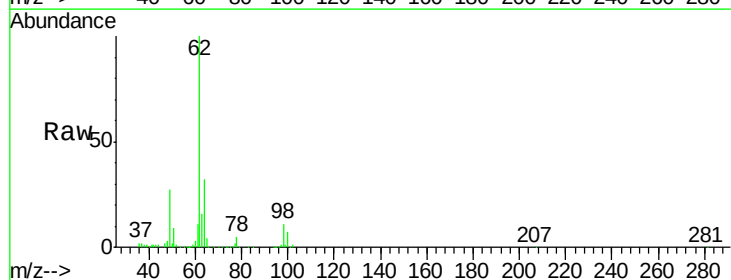
Manual Integrations
APPROVED

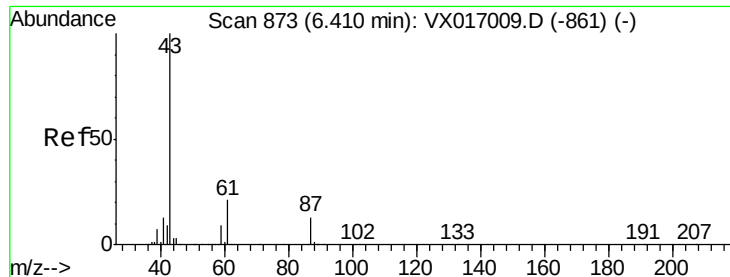
MMDadoda
7/1/2020 10:49:37 AM



#42
1,2-Dichloroethane
Concen: 48.141 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		200849		
98	9.7	0.0	19.2		





#43

Isopropyl Acetate

Concen: 46.364 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

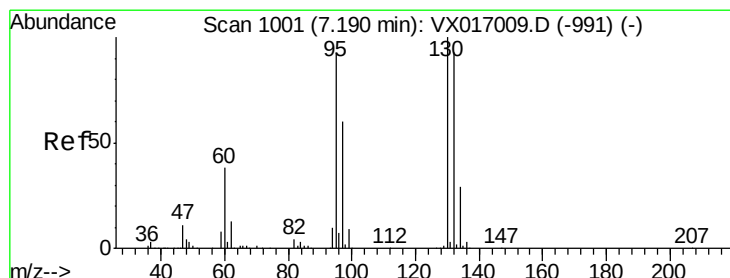
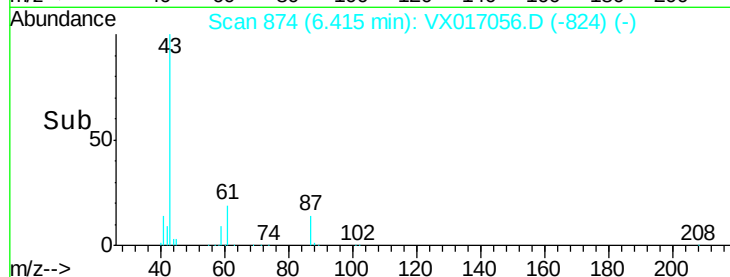
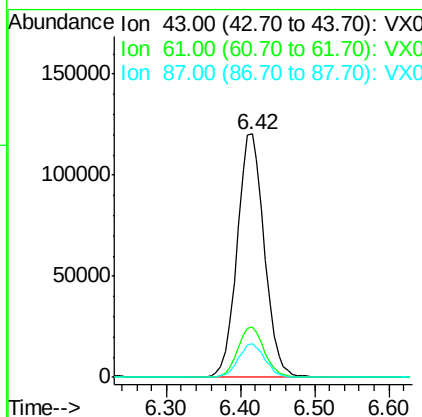
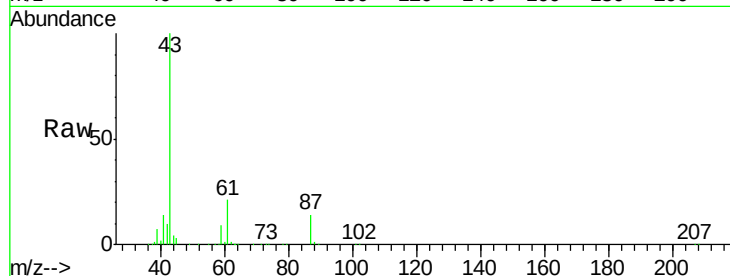
ClientSampleId :

61BR-20200624MS

Tot Ion:	43	Resp:	307296
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.2
87	13.6	10.7	16.1

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#44

Trichloroethene

Concen: 49.869 ug/l

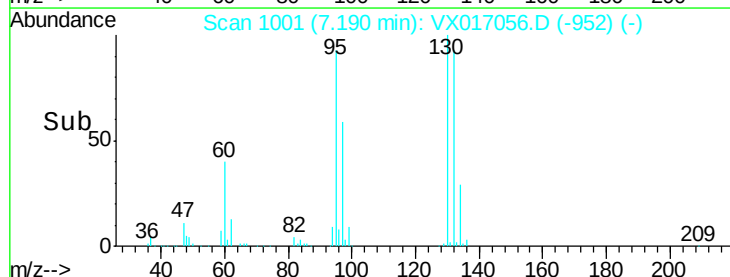
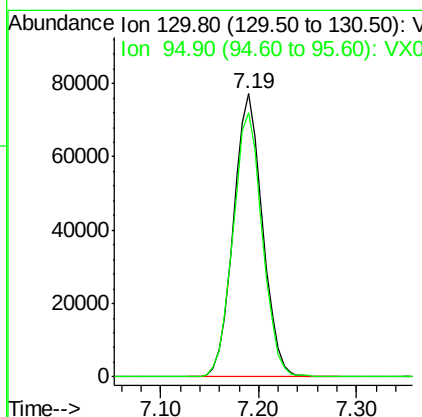
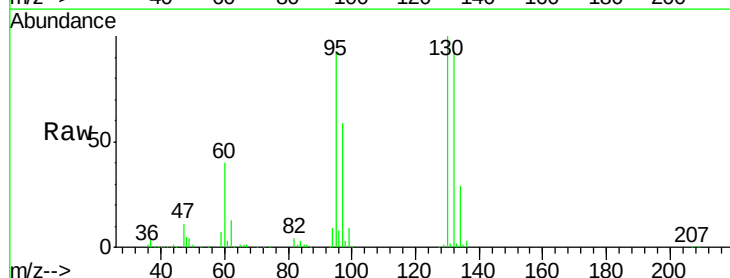
RT: 7.19 min Scan# 1001

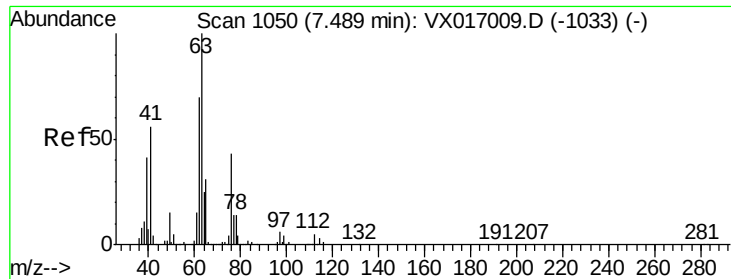
Delta R.T. 0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	130	Resp:	158952
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	185.0





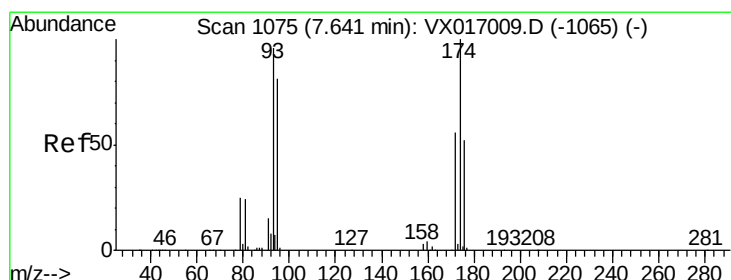
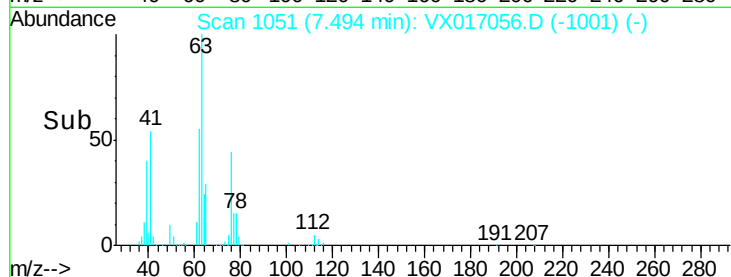
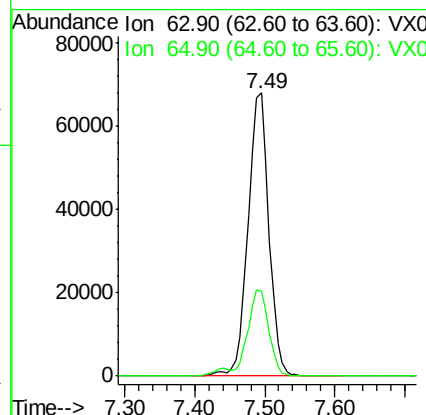
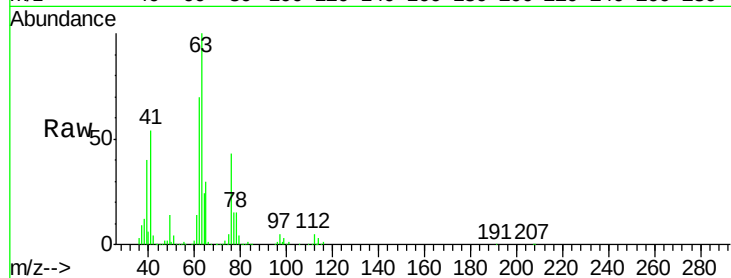
#45
 1,2-Dichloropropane
 Concen: 47.591 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Resp	Lower	Upper
63	100	141187		
65	30.0	24.6	36.8	

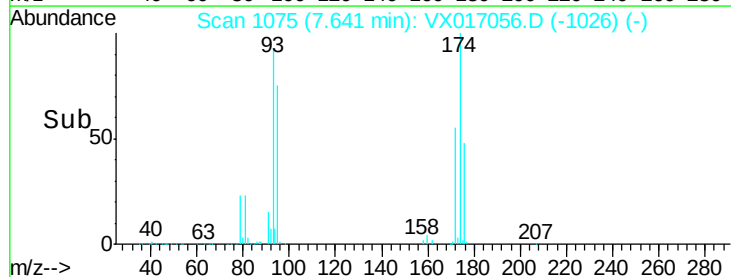
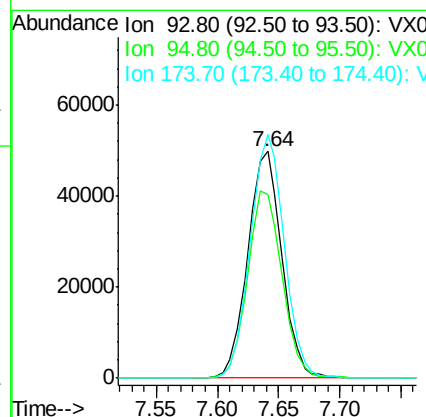
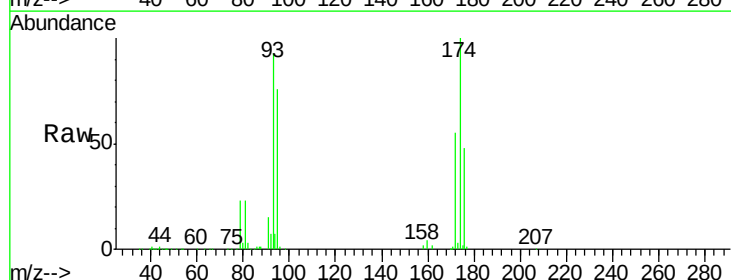
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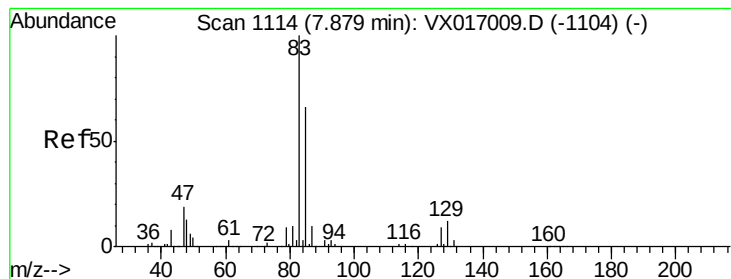
MMDadoda
 7/1/2020 10:49:37 AM



#46
 Dibromomethane
 Concen: 47.769 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	96752		
95	83.6	67.4	101.0	
174	107.4	84.3	126.5	





#47

Bromodichloromethane

Concen: 48.646 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

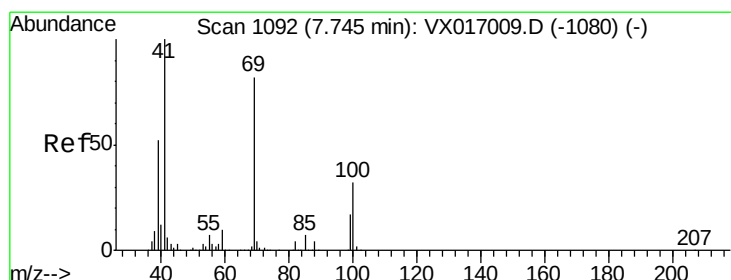
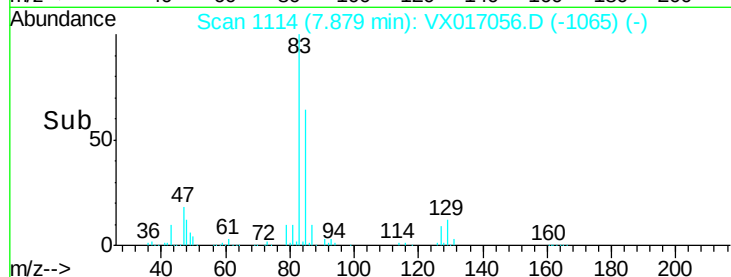
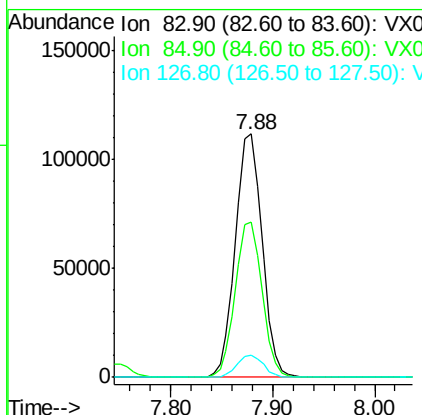
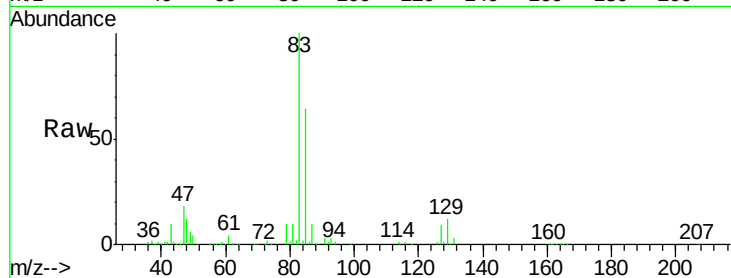
ClientSampleId :

61BR-20200624MS

Tot Ion:	83	Resp:	203047
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.4
127	9.1	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.922 ug/l

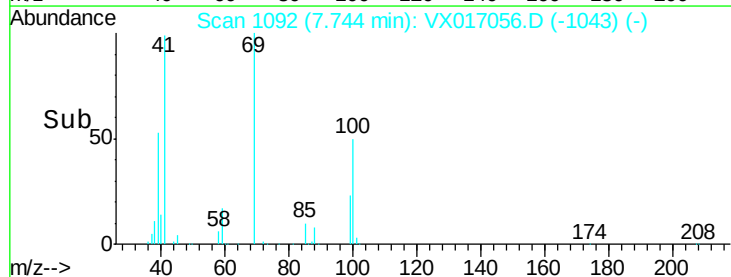
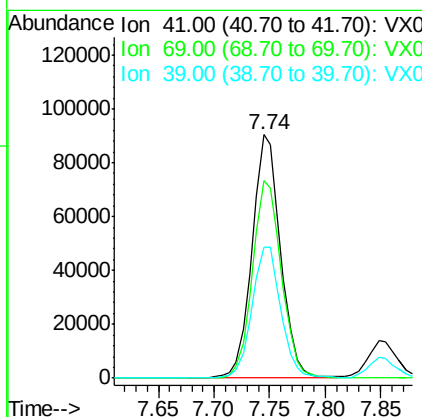
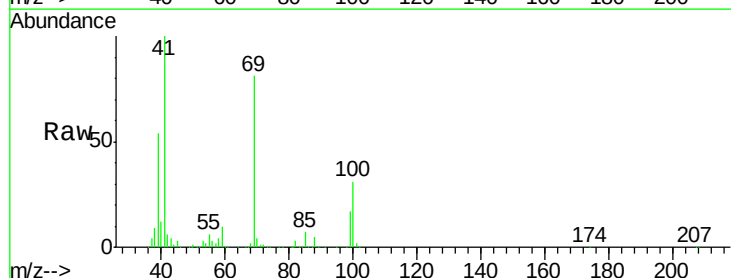
RT: 7.74 min Scan# 1092

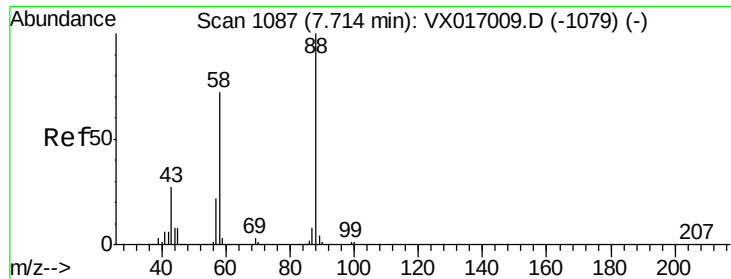
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	41	Resp:	160349
Ion	Ratio	Lower	Upper
41	100		
69	82.8	65.8	98.8
39	55.1	42.5	63.7





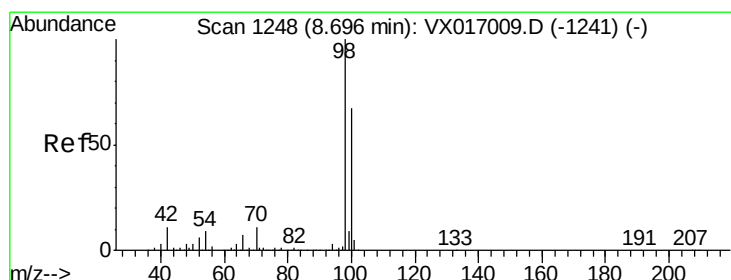
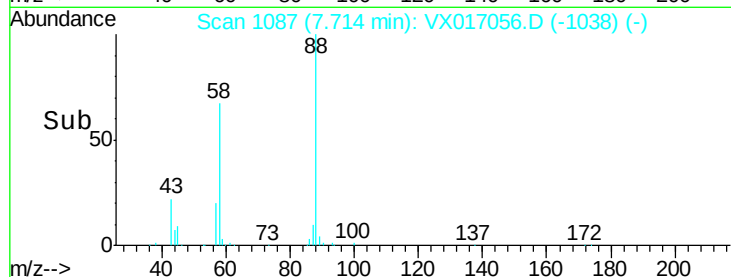
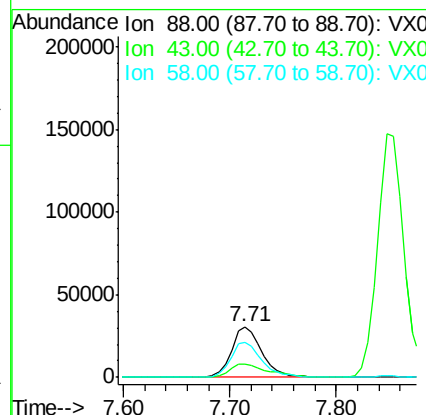
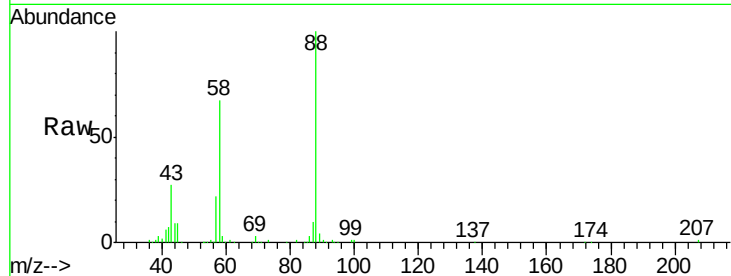
#49
1,4-Dioxane
Concen: 855.859 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.8	38.8
58	71.3	54.8	82.2

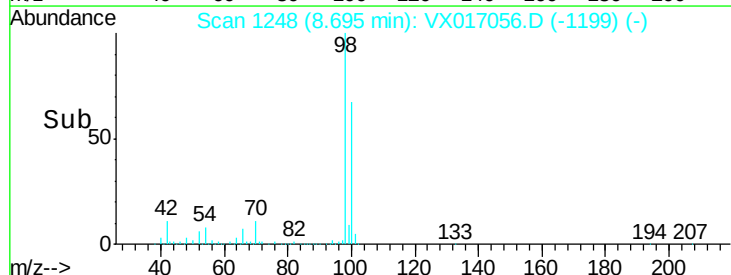
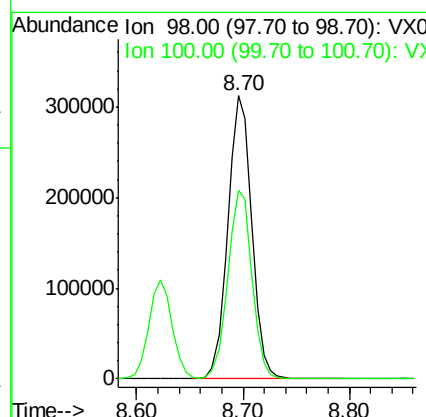
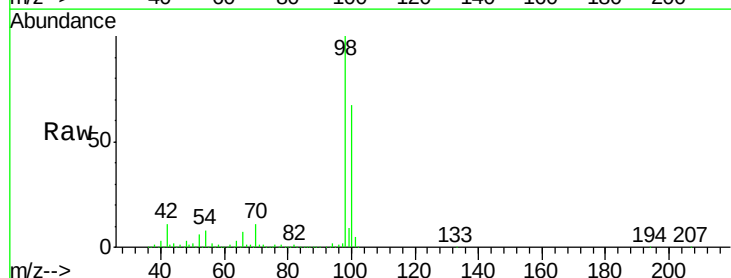
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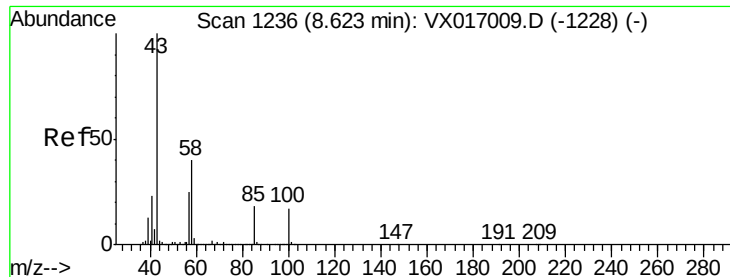
MMDadoda
7/1/2020 10:49:37 AM



#50
Toluene-d8
Concen: 50.374 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 253.648 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion: 43 Resp: 1002141

Ion Ratio Lower Upper

43 100

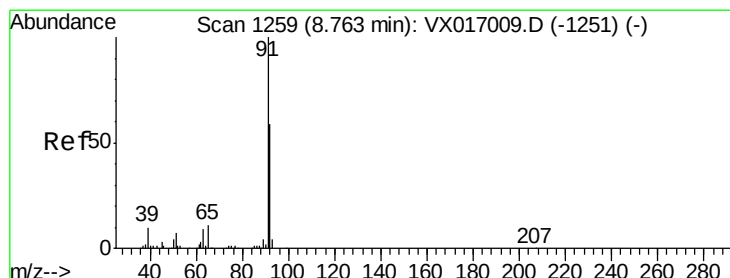
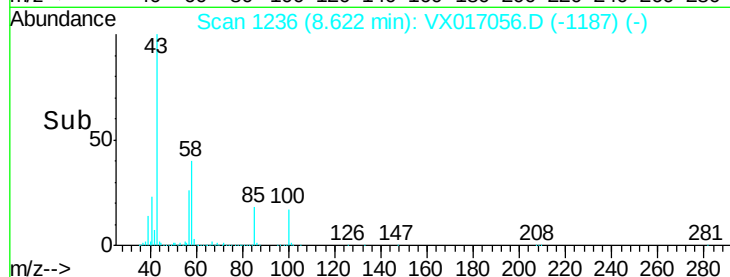
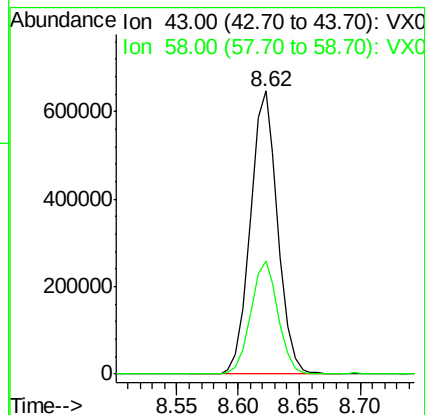
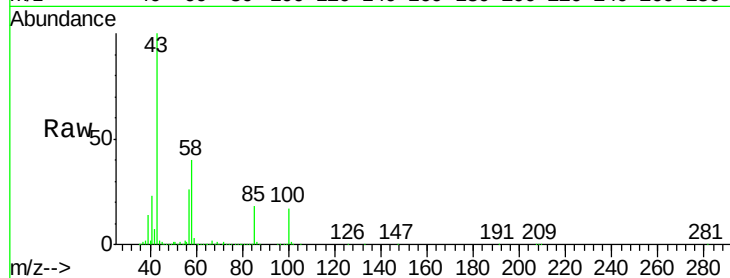
58 40.1 31.9 47.9

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#52

Toluene

Concen: 47.869 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017056.D

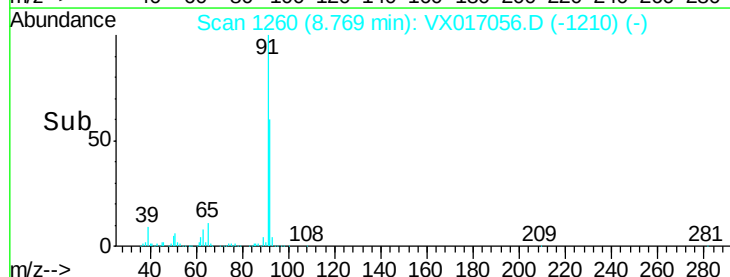
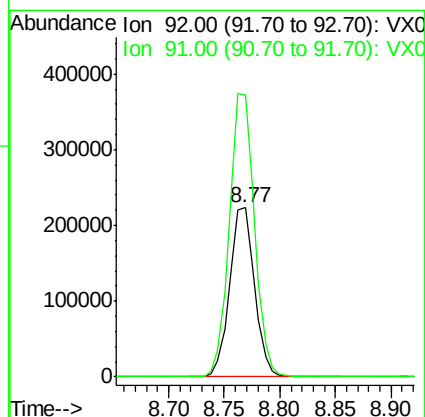
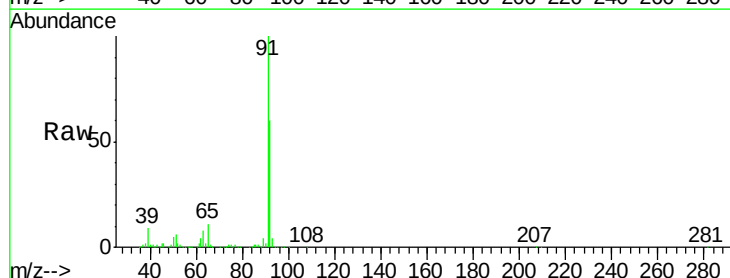
Acq: 30 Jun 2020 19:26

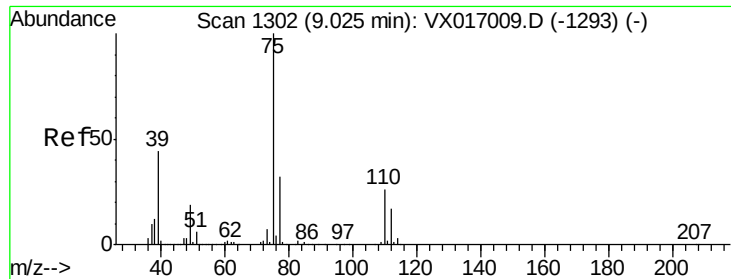
Tgt Ion: 92 Resp: 345208

Ion Ratio Lower Upper

92 100

91 169.8 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 46.878 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion: 75 Resp: 215887

Ion Ratio Lower Upper

75 100

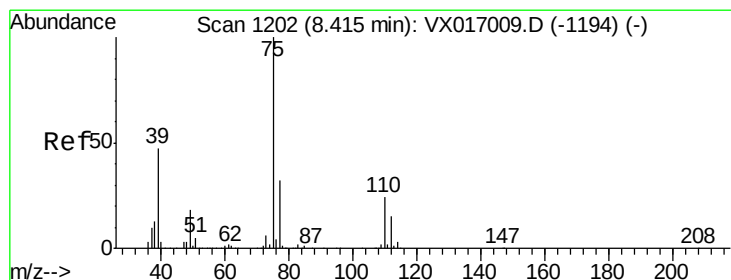
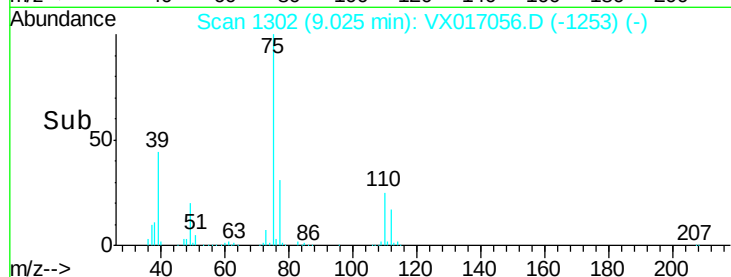
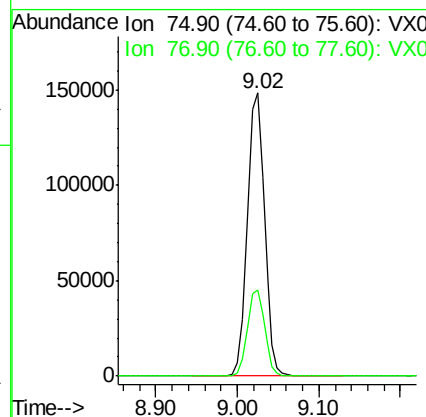
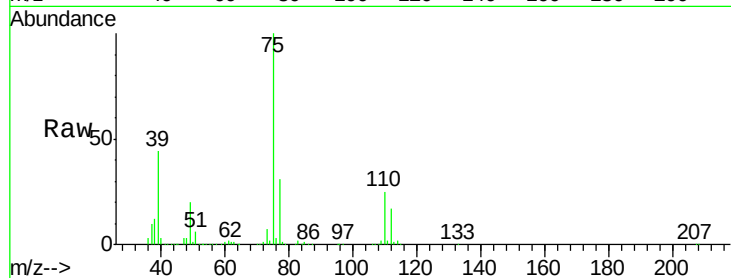
77 30.7 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 45.078 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

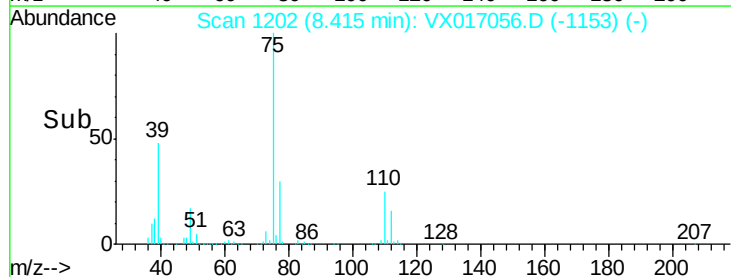
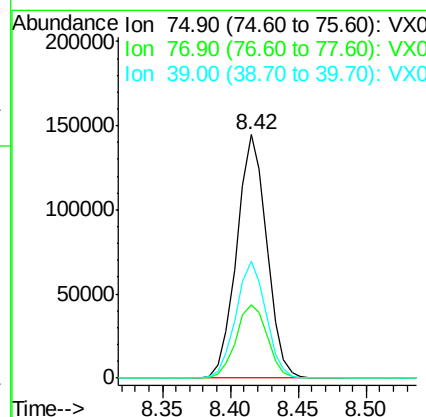
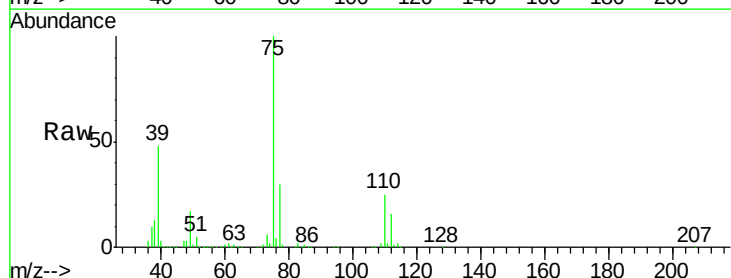
Tgt Ion: 75 Resp: 222543

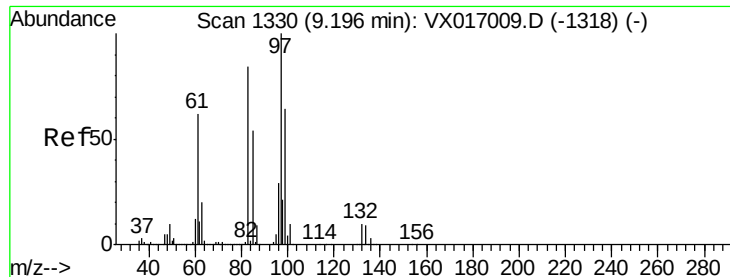
Ion Ratio Lower Upper

75 100

77 30.1 25.2 37.8

39 48.0 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 48.706 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

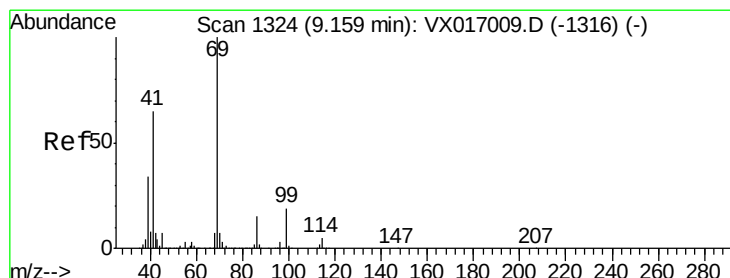
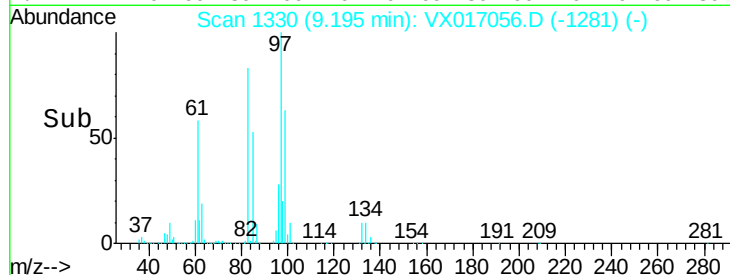
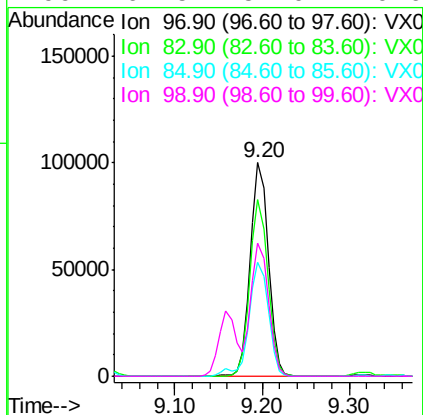
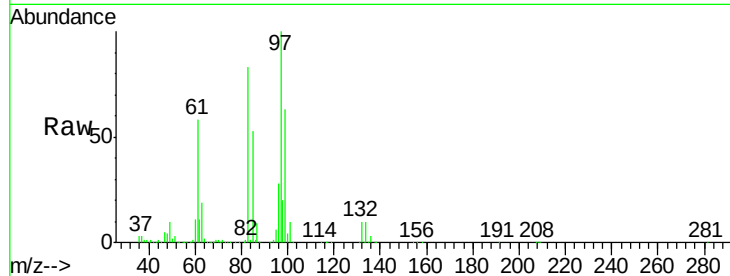
ClientSampleId :

61BR-20200624MS

Tot Ion:	97	Resp:	143509
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.0	100.6
85	53.3	43.5	65.3
99	62.5	51.0	76.6

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#56

Ethyl methacrylate

Concen: 50.731 ug/l

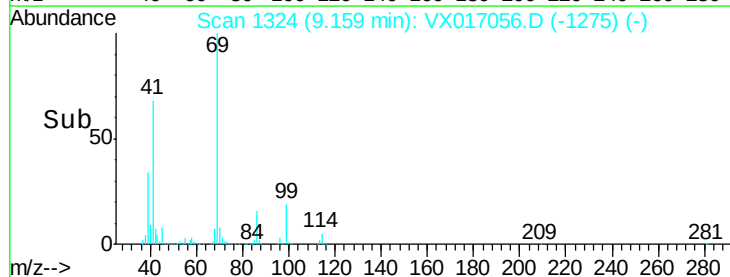
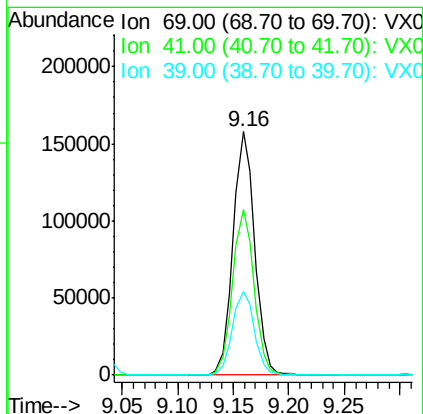
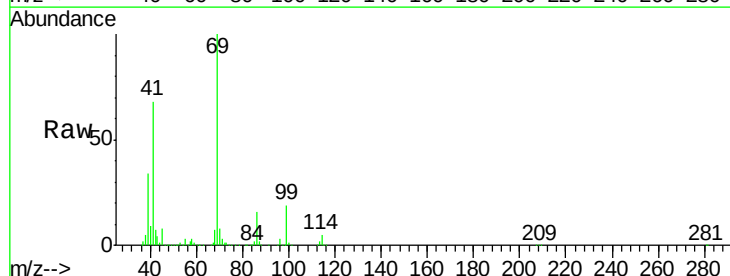
RT: 9.16 min Scan# 1324

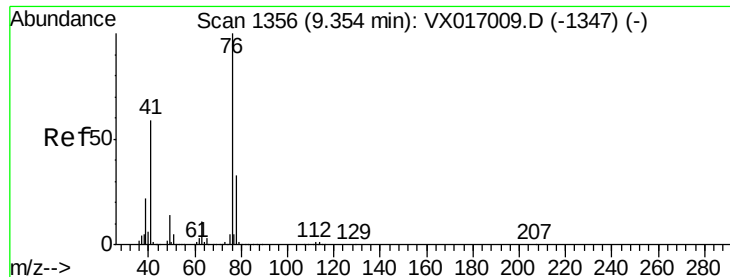
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	69	Resp:	212753
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.6	80.4
39	35.3	28.2	42.2





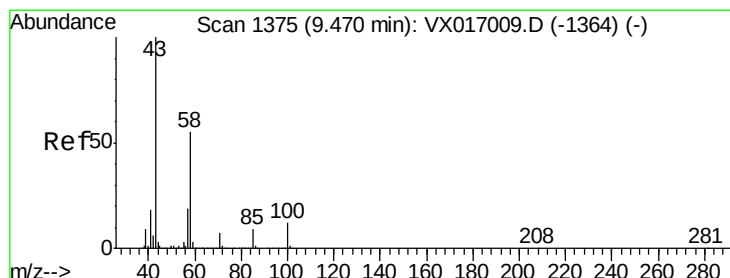
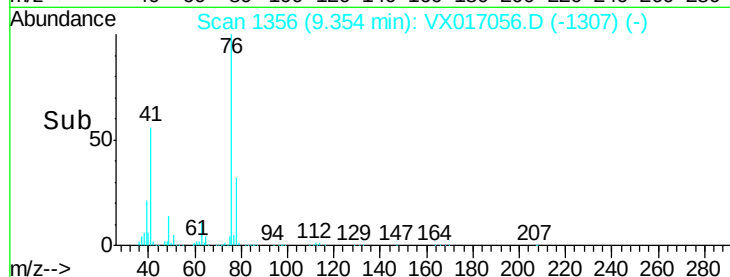
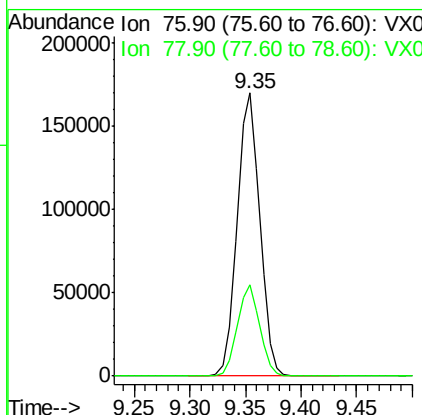
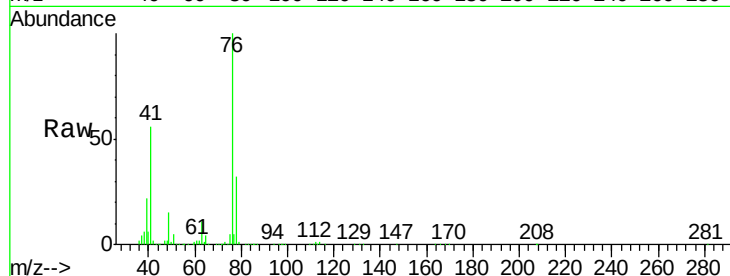
#57
 1,3-Dichloropropane
 Concen: 47.832 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

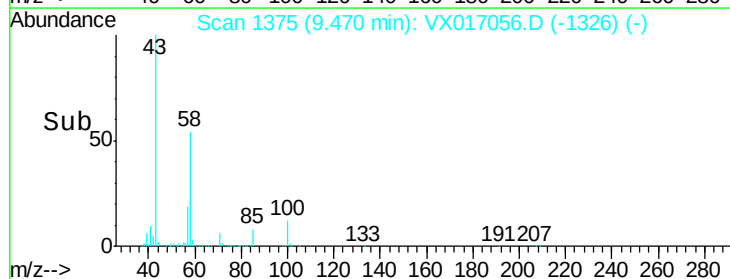
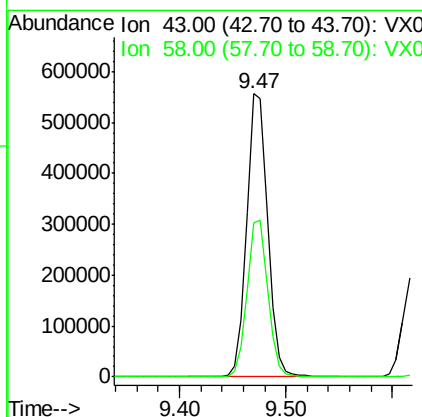
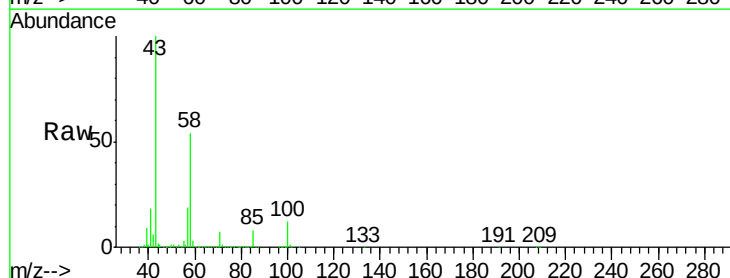
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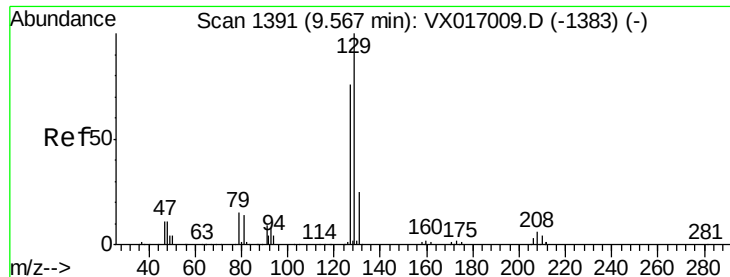
MMDadoda
 7/1/2020 10:49:37 AM



#59
 2-Hexanone
 Concen: 267.341 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.9	83.6





#60

Dibromochloromethane

Concen: 49.173 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion:129 Resp: 168279

Ion Ratio Lower Upper

129 100

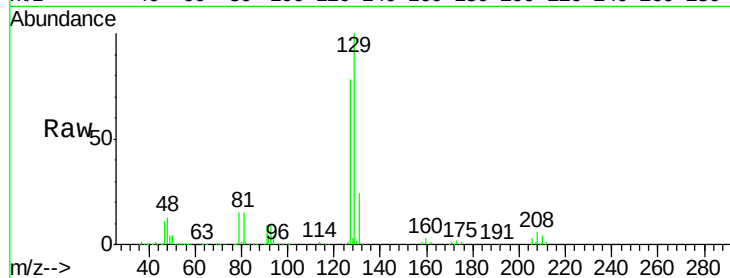
127 77.7 38.9 116.7

Manual Integrations

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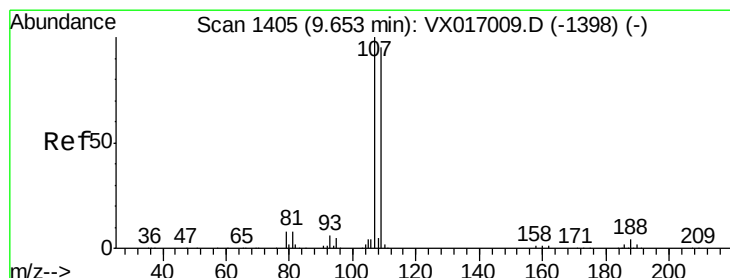
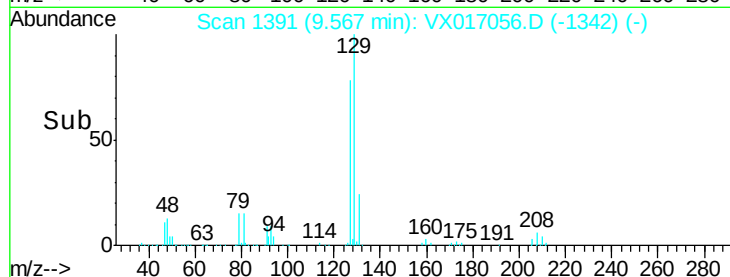
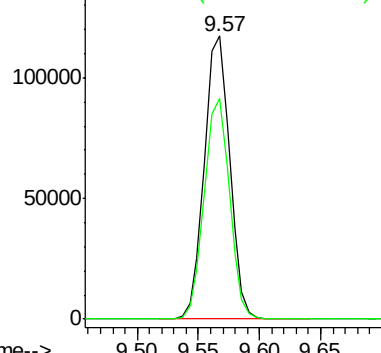
MMDadoda

7/1/2020 10:49:37 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.569 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017056.D

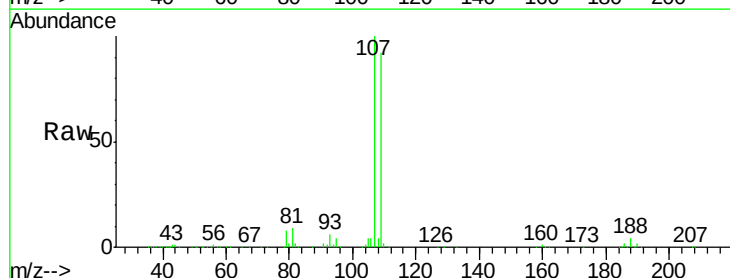
Acq: 30 Jun 2020 19:26

Tgt Ion:107 Resp: 156988

Ion Ratio Lower Upper

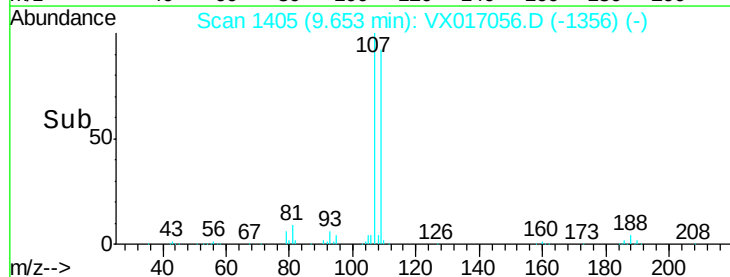
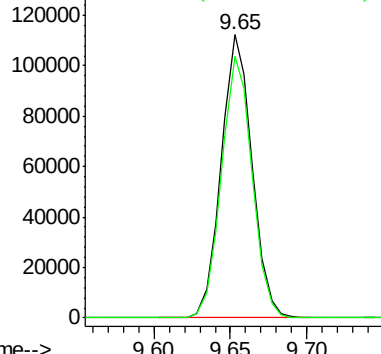
107 100

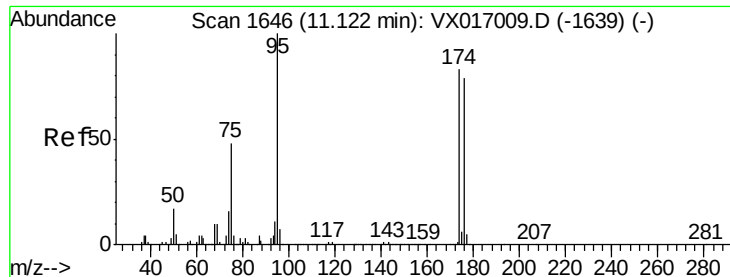
109 92.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.267 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

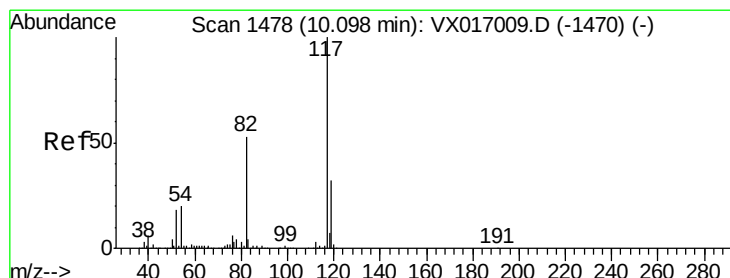
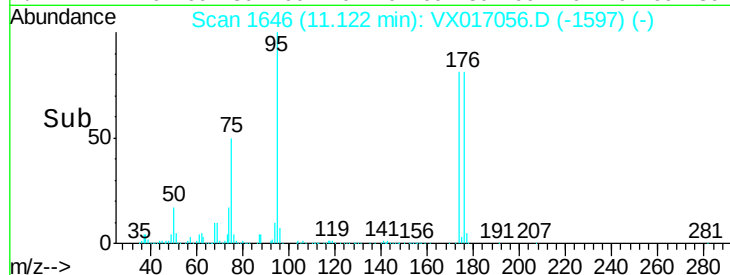
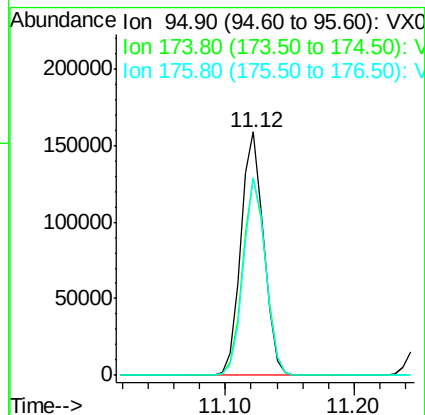
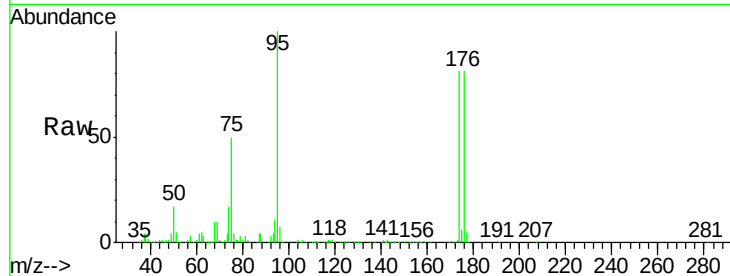
ClientSampleId :

61BR-20200624MS

Tot Ion:	95	Resp:	194986
Ion Ratio	Lower	Upper	
95	100		
174	81.1	0.0	164.0
176	79.1	0.0	157.6

Manual Integrations
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7/1/2020 10:49:37 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

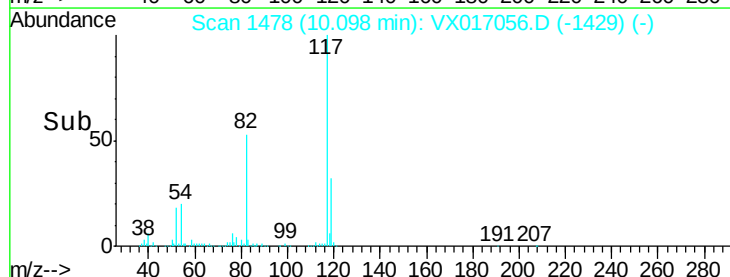
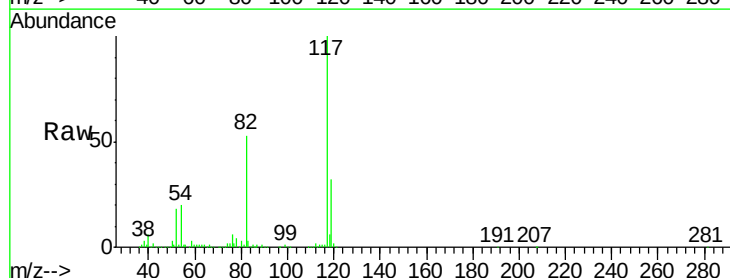
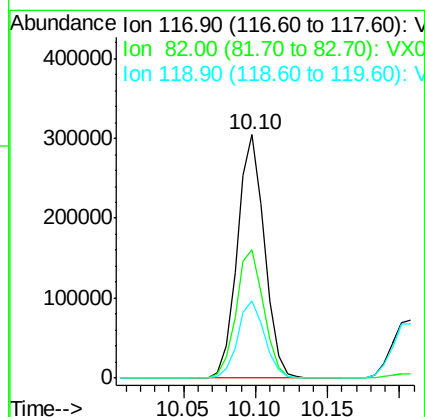
RT: 10.10 min Scan# 1478

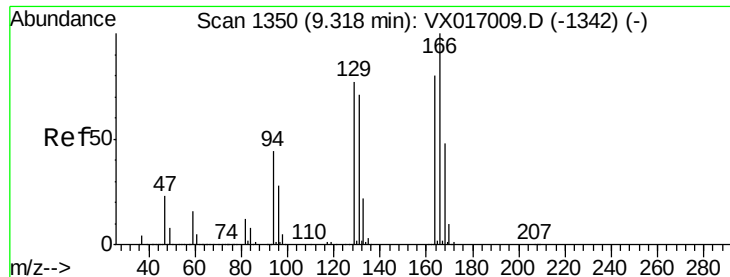
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	117	Resp:	399681
Ion Ratio	Lower	Upper	
117	100		
82	52.6	42.6	63.8
119	31.6	25.4	38.2





#64

Tetrachloroethene

Concen: 42.906 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

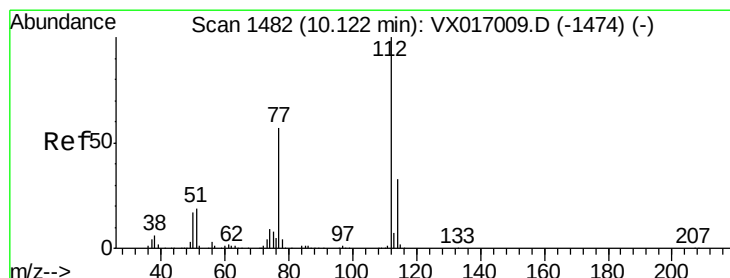
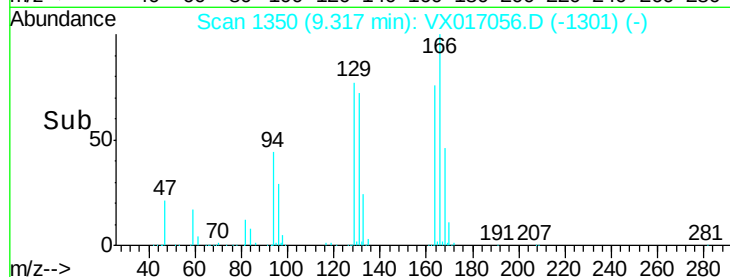
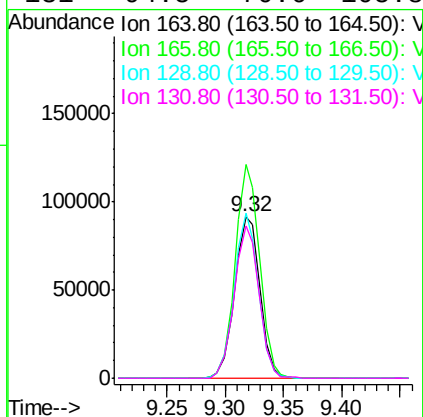
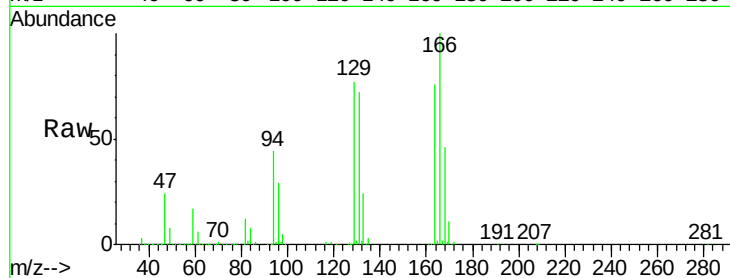
ClientSampleId :

61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.0	99.4	149.0
129	102.1	76.3	114.5
131	94.5	70.6	105.8

Manual Integrations
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7/1/2020 10:49:37 AM



#65

Chlorobenzene

Concen: 46.496 ug/l

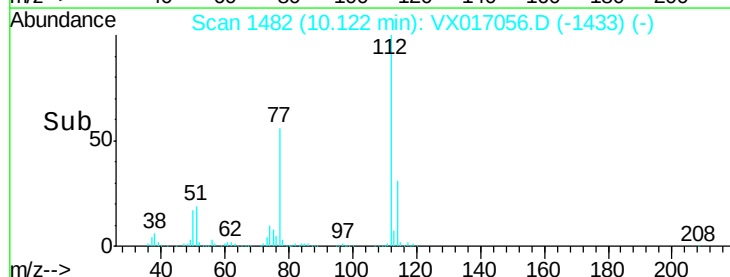
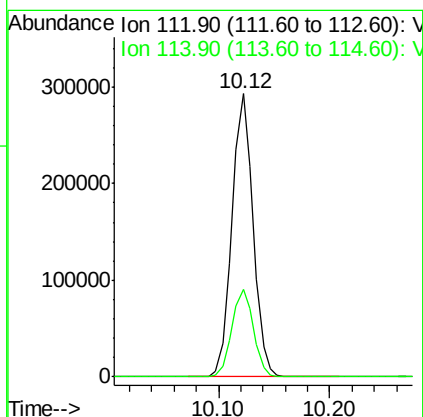
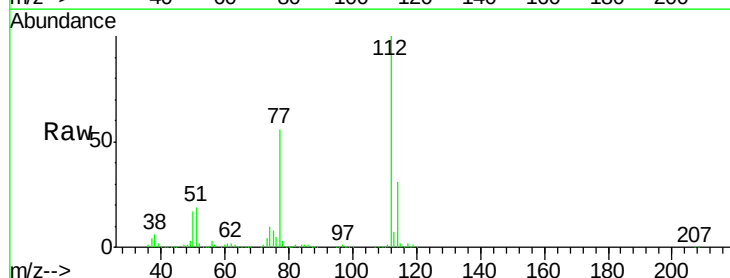
RT: 10.12 min Scan# 1482

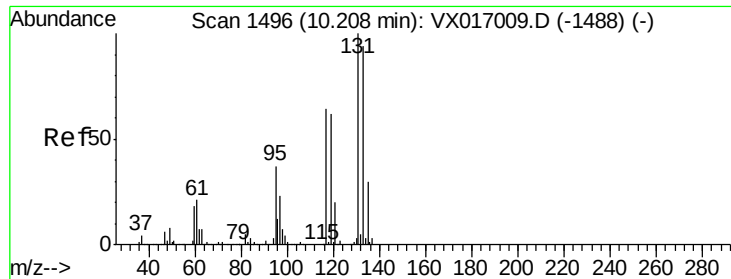
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.2	39.4





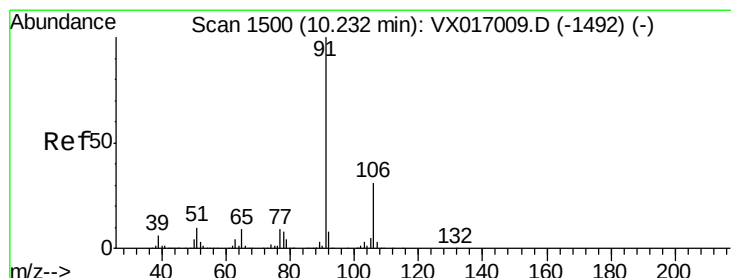
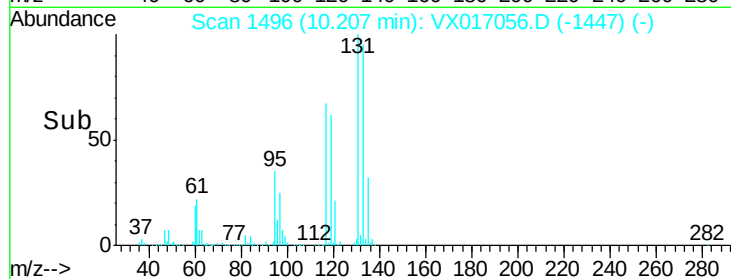
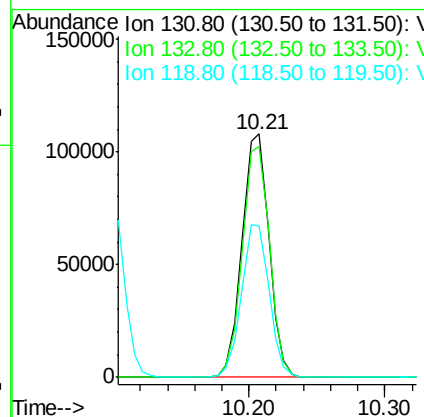
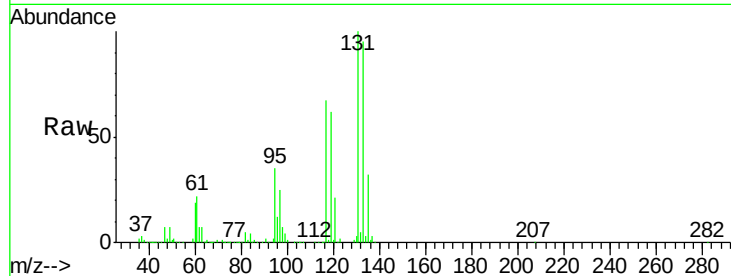
#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.108 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.3	141.9
119	63.9	31.9	95.5

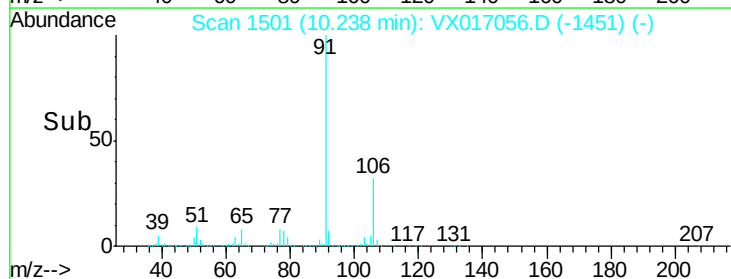
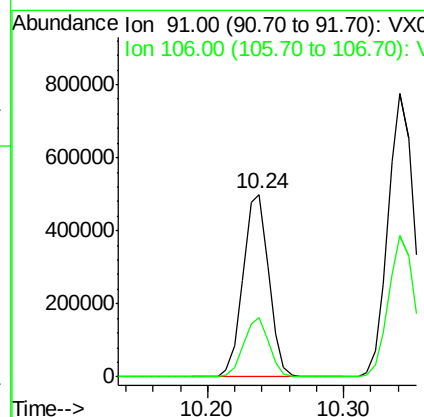
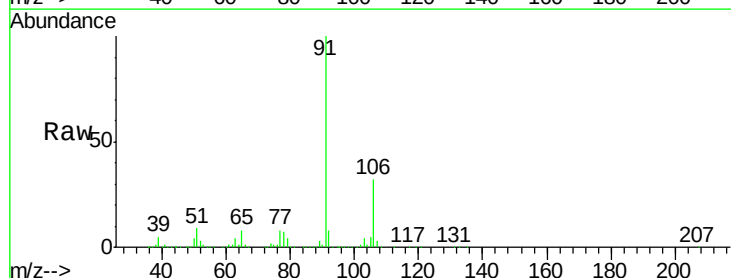
Manual Integrations
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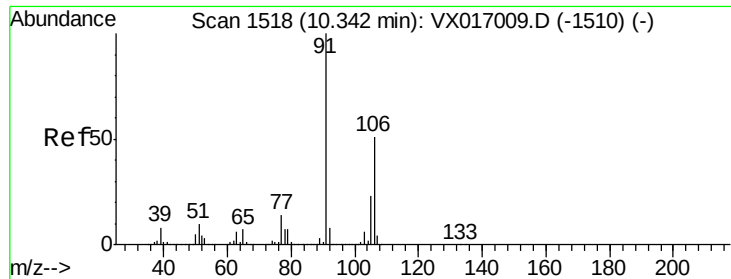
MMDadoda
 7/1/2020 10:49:37 AM



#67
 Ethyl Benzene
 Concen: 48.057 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.7	37.1





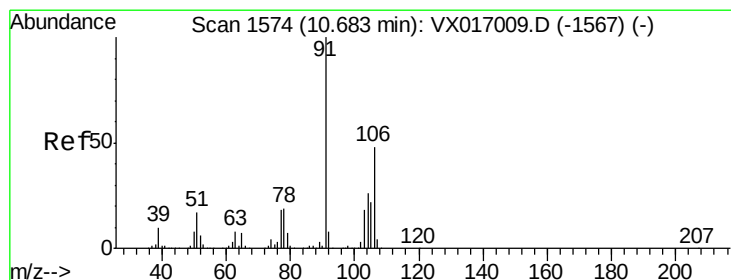
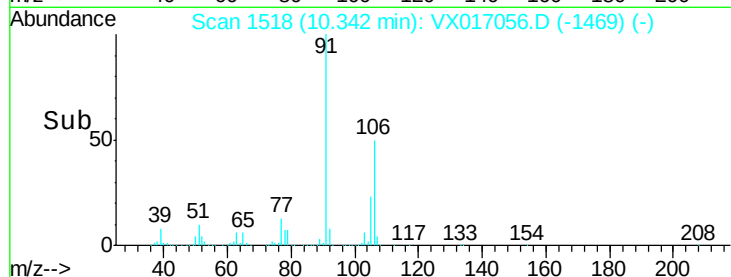
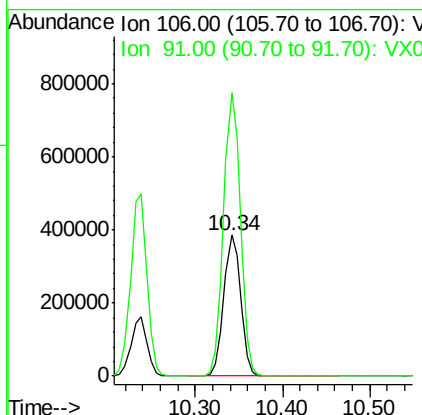
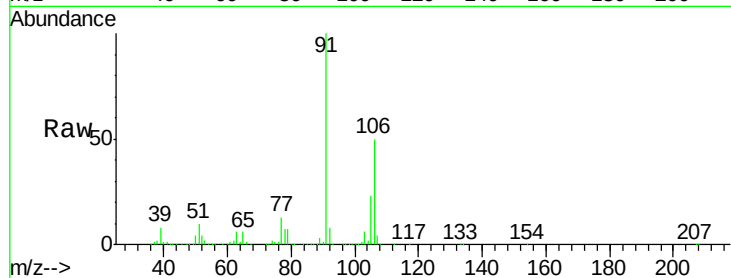
#68
m/p-Xylenes
Concen: 97.098 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		513612		
91	201.1	158.6	238.0		

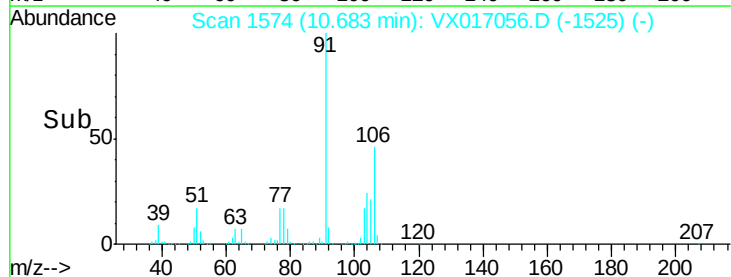
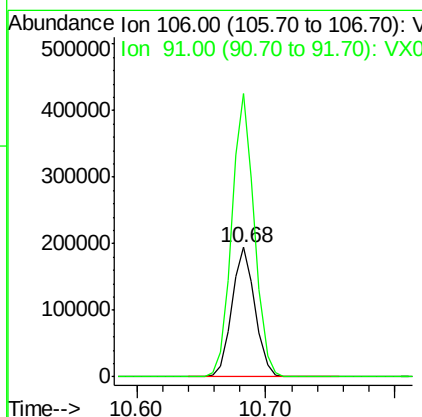
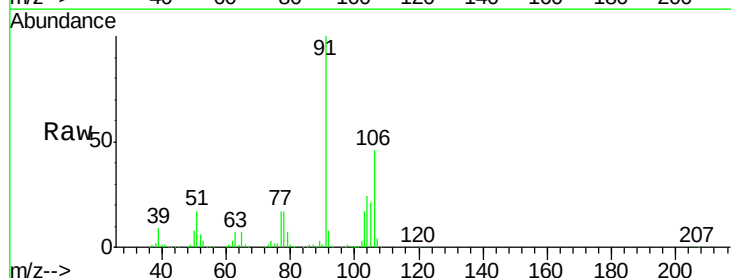
Manual Integrations
APPROVED

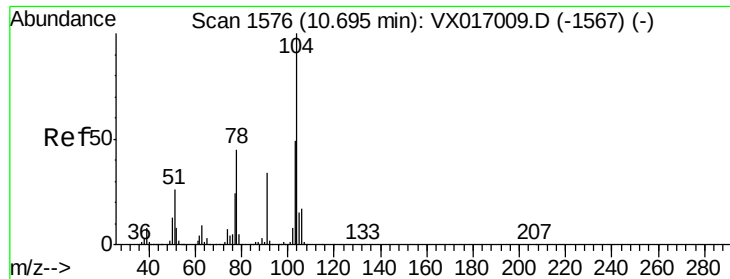
MMDadoda
7/1/2020 10:49:37 AM



#69
o-Xylene
Concen: 48.357 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		243334		
91	213.5	105.6	316.7		





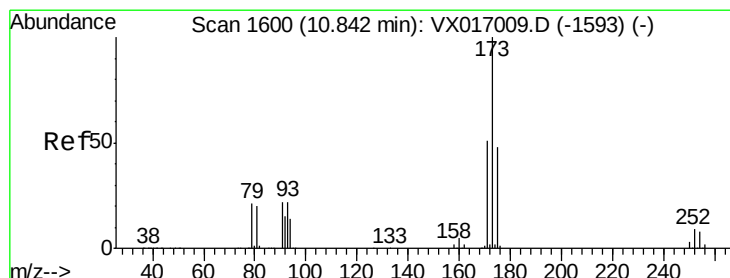
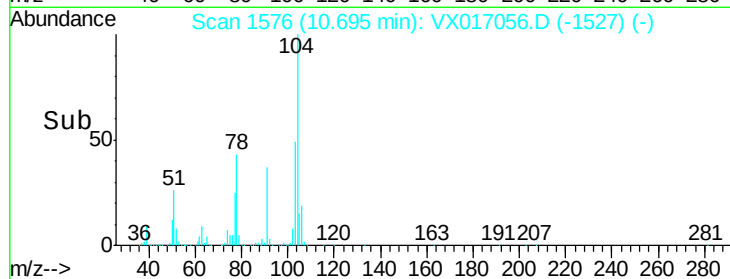
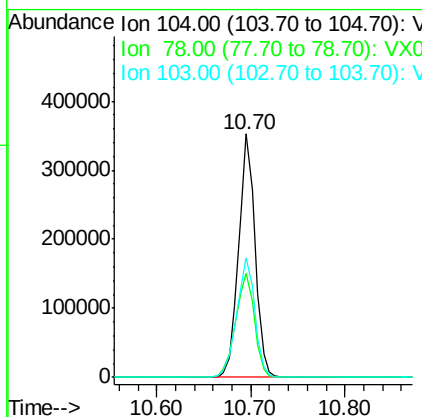
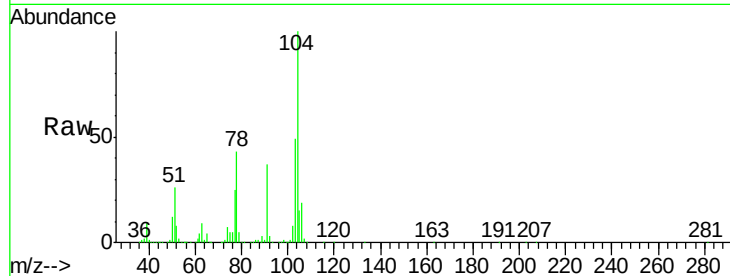
#70
Stvrene
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.5	59.3
103	53.9	43.0	64.6

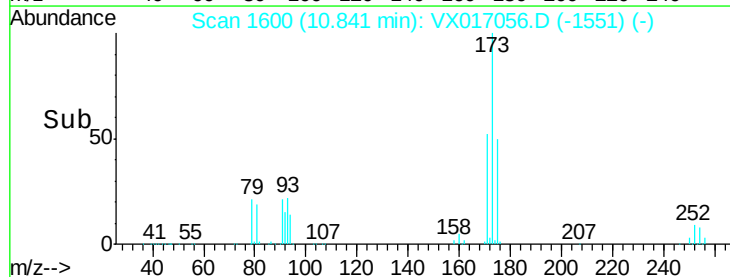
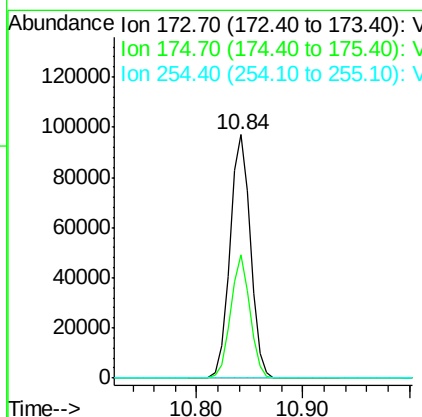
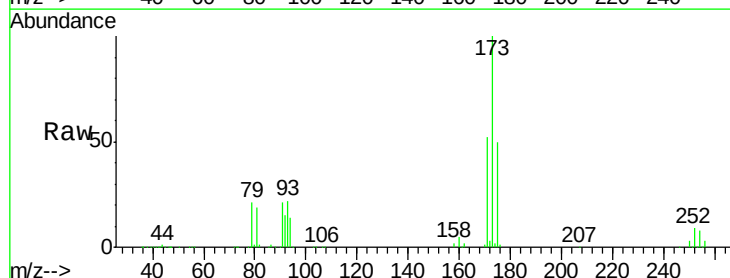
Manual Integrations
APPROVED

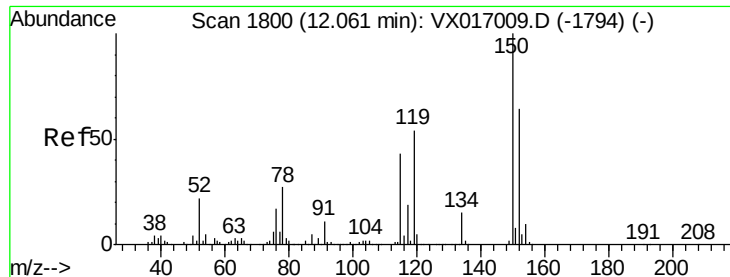
MMDadoda
7/1/2020 10:49:37 AM



#71
Bromoform
Concen: 51.957 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.5	73.5
254	0.1	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: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion:152 Resp: 210072

Ion Ratio Lower Upper

152 100

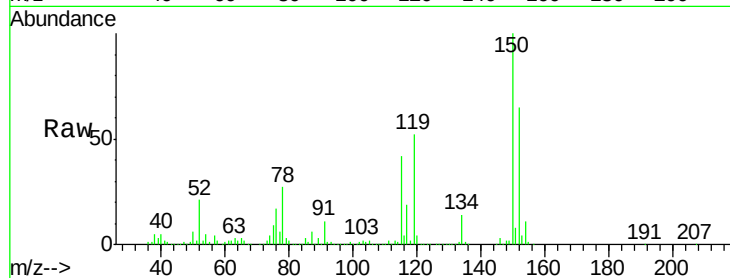
115 76.3 40.9 122.7

150 168.9 0.0 351.6

Manual Integrations
APPROVED

MMDadoda

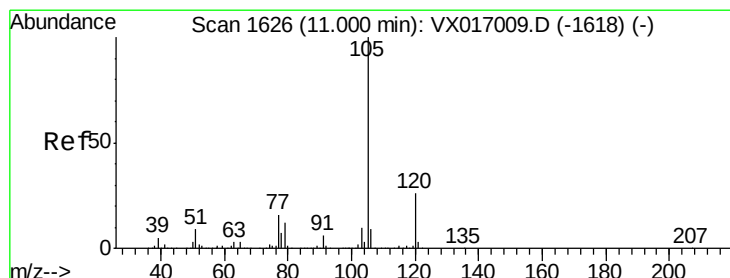
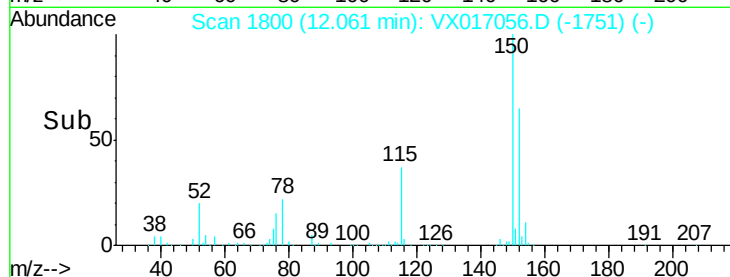
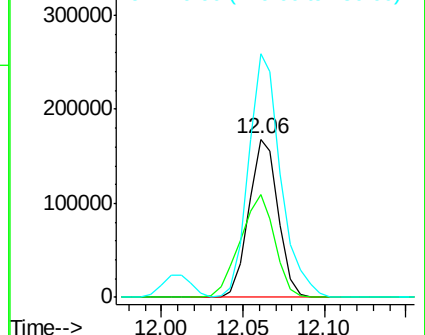
7/1/2020 10:49:37 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.407 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017056.D

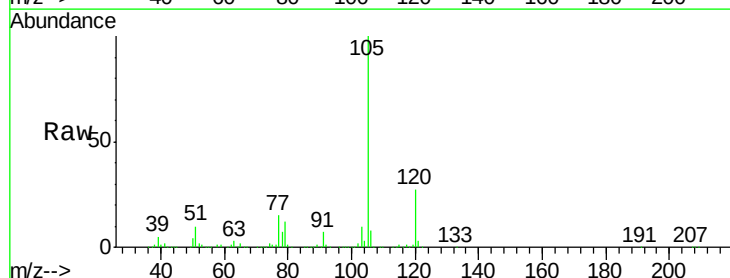
Acq: 30 Jun 2020 19:26

Tgt Ion:105 Resp: 652312

Ion Ratio Lower Upper

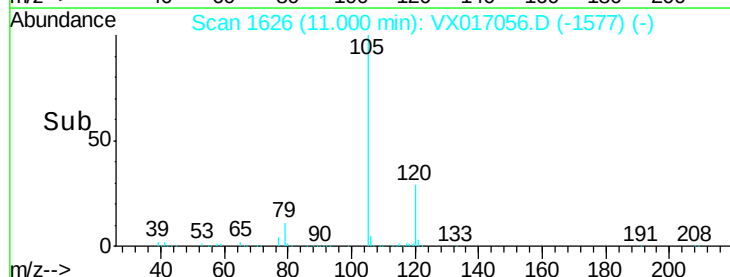
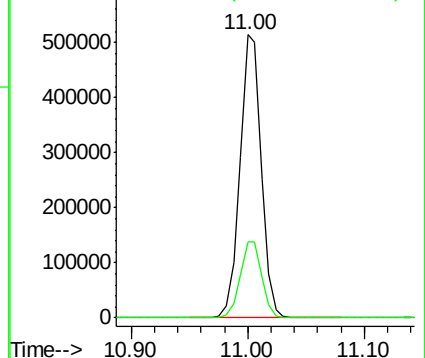
105 100

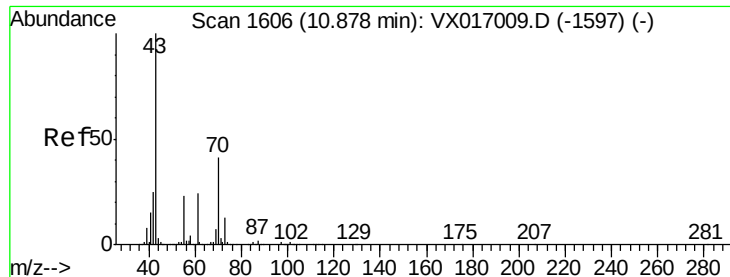
120 27.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.302 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

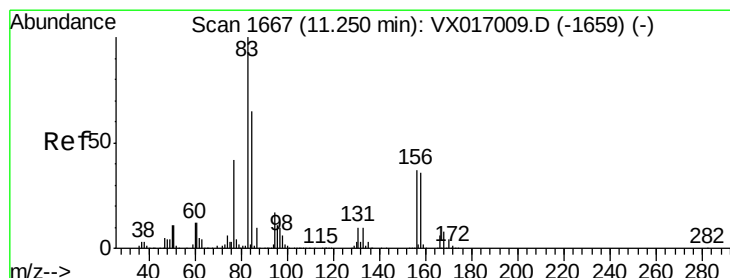
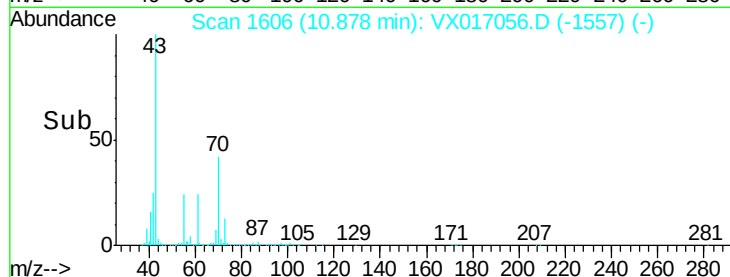
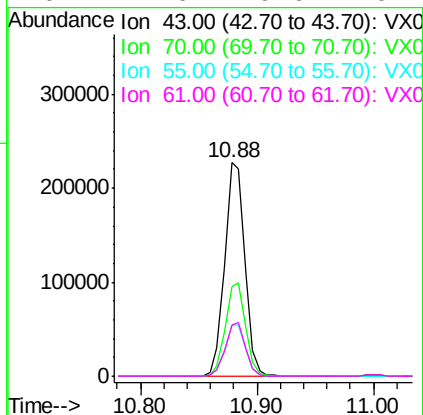
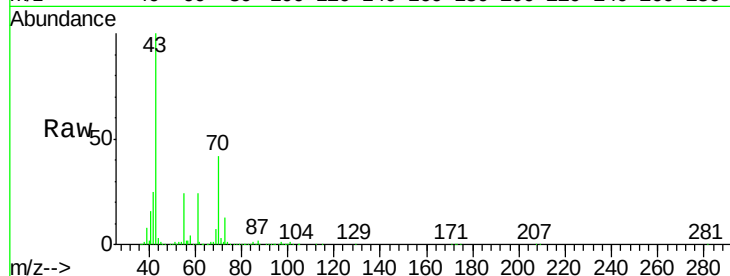
ClientSampleId :

61BR-20200624MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		271852		
70	43.5	34.2	51.2		
55	24.9	19.2	28.8		
61	24.6	19.6	29.4		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 47.356 ug/l

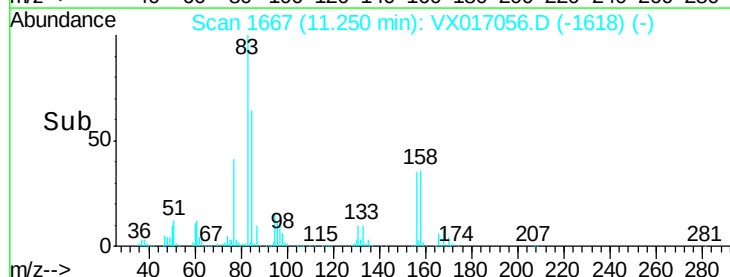
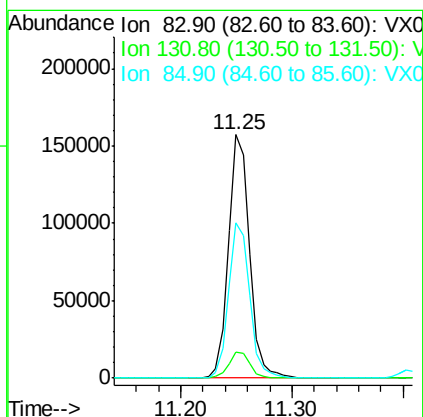
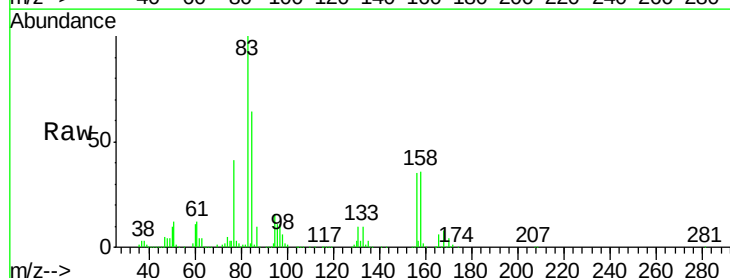
RT: 11.25 min Scan# 1667

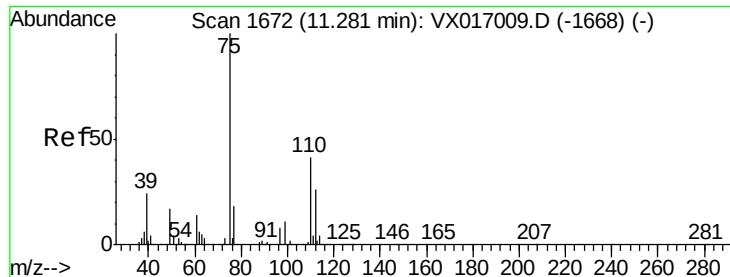
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		204971		
131	10.7	5.4	16.2		
85	64.5	31.9	95.9		





#76

1,2,3-Trichloropropane

Concen: 48.079 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion: 75 Resp: 198610

Ion Ratio Lower Upper

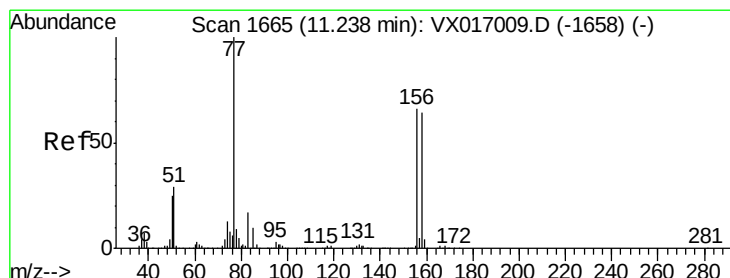
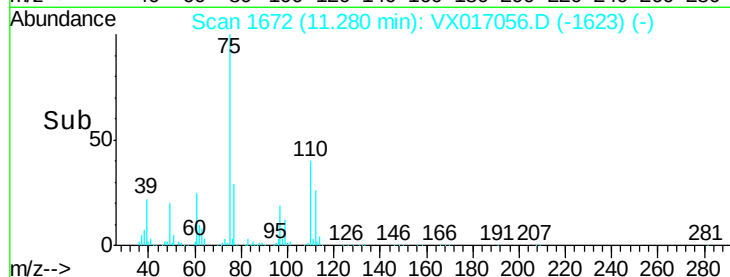
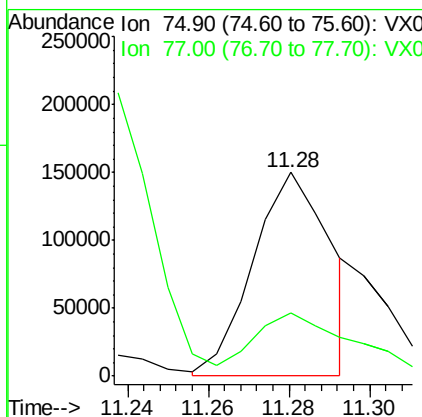
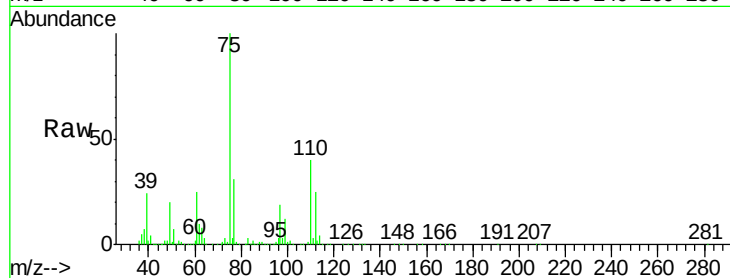
75 100

77 40.7 20.2 60.6

Manual Integrations
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#77

Bromobenzene

Concen: 46.022 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

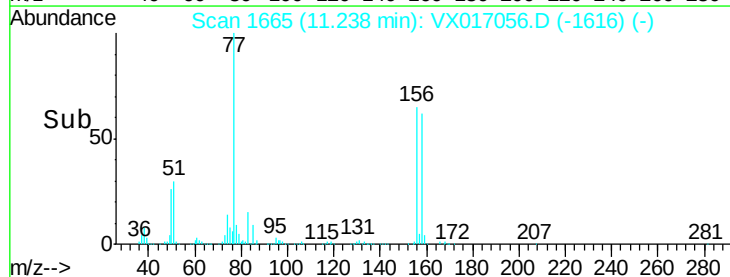
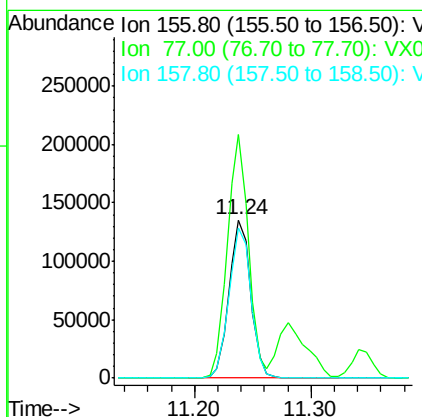
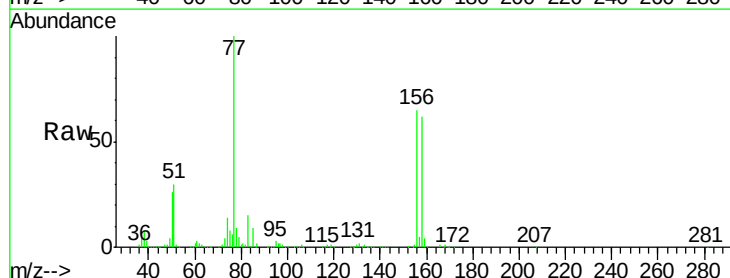
Tgt Ion: 156 Resp: 174041

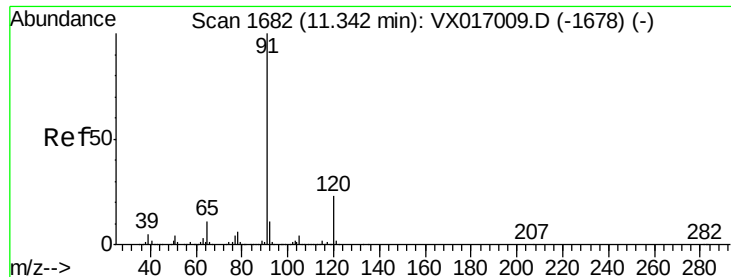
Ion Ratio Lower Upper

156 100

77 151.0 76.9 230.7

158 96.8 47.9 143.6





#78

n-propylbenzene

Concen: 46.133 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion: 91 Resp: 717837

Ion Ratio Lower Upper

91 100

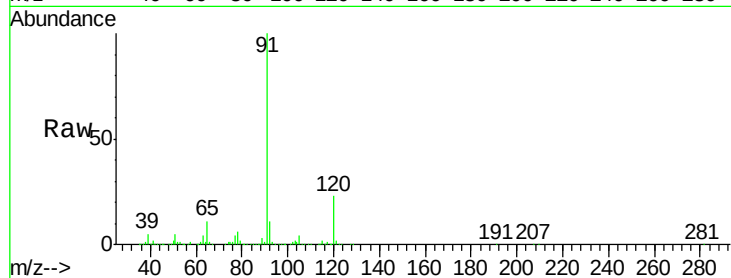
120 24.2 11.9 35.9

Manual Integrations

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7/1/2020 10:49:37 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

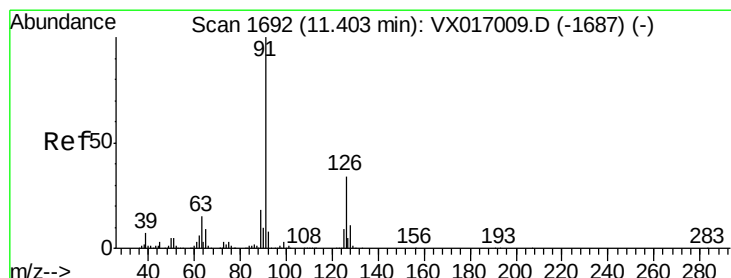
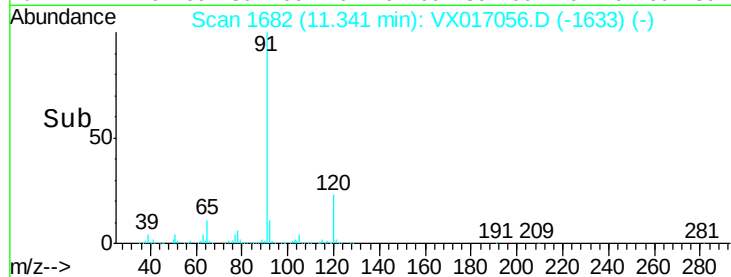
600000

400000

200000

0

Time-->



#79

2-Chlorotoluene

Concen: 47.024 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017056.D

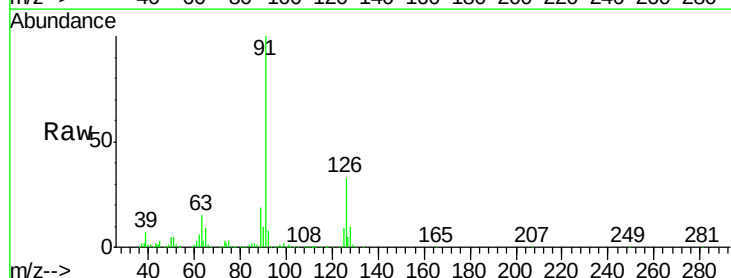
Acq: 30 Jun 2020 19:26

Tgt Ion: 91 Resp: 442837

Ion Ratio Lower Upper

91 100

126 34.8 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

600000

500000

400000

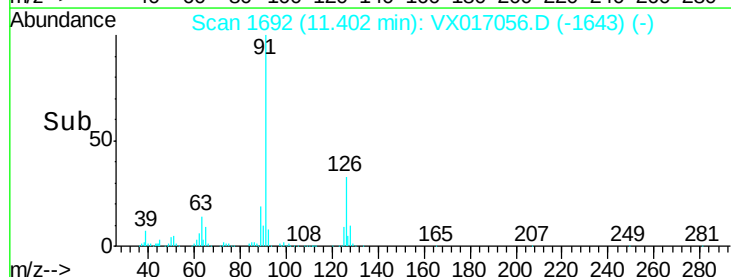
300000

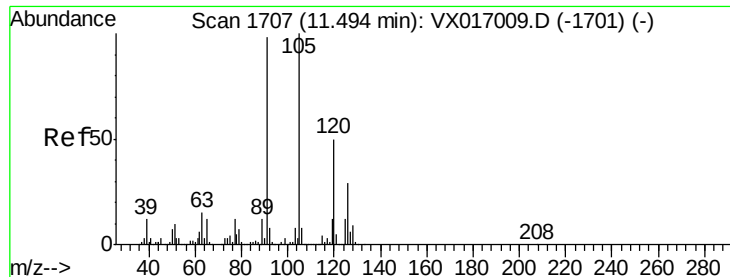
200000

100000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 48.182 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion:105 Resp: 549931

Ion Ratio Lower Upper

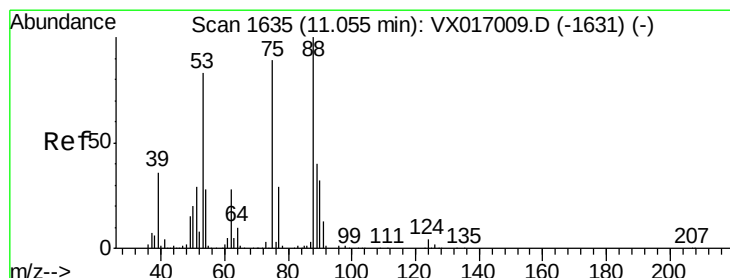
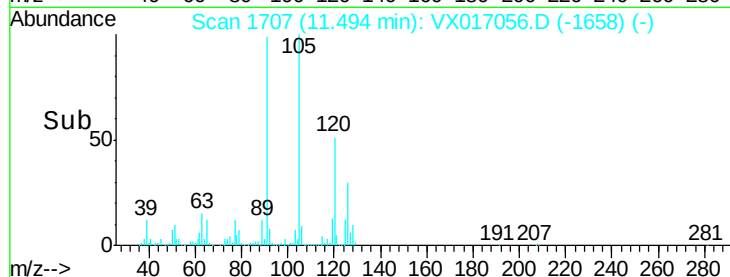
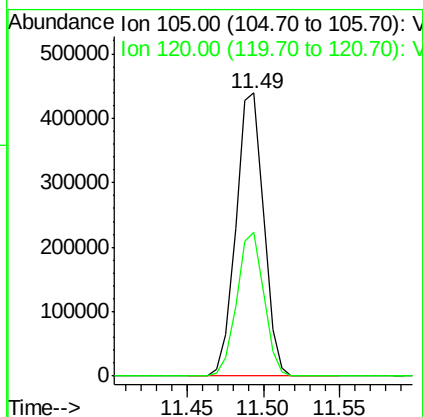
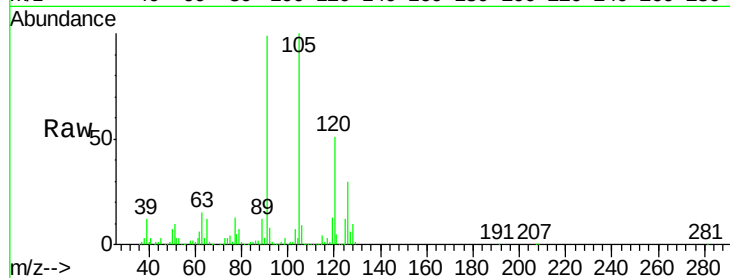
105 100

120 49.6 24.9 74.6

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#81

trans-1,4-Dichloro-2-butene

Concen: 45.626 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

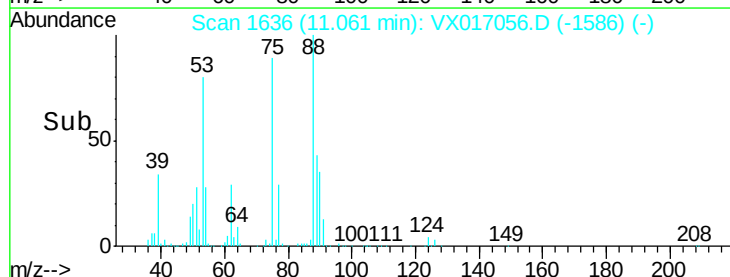
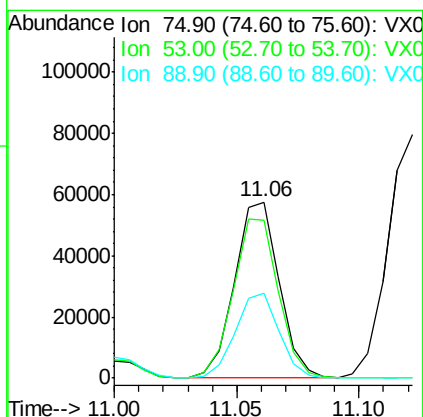
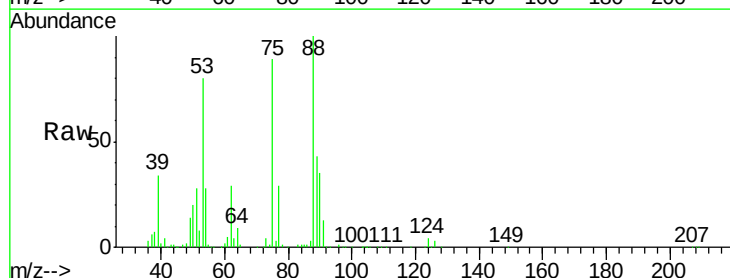
Tgt Ion: 75 Resp: 72782

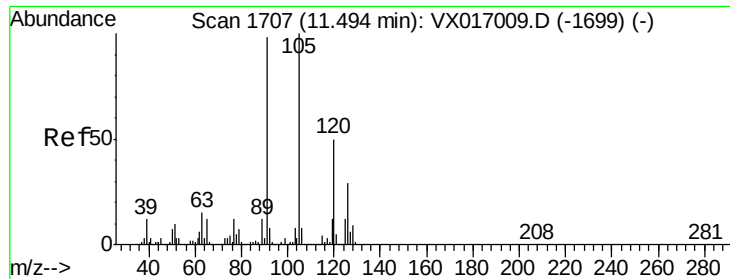
Ion Ratio Lower Upper

75 100

53 91.6 72.4 108.6

89 47.5 37.0 55.4





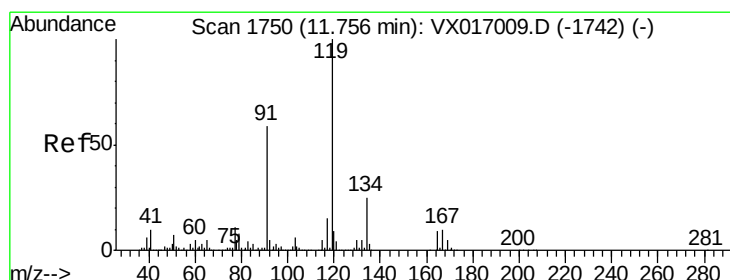
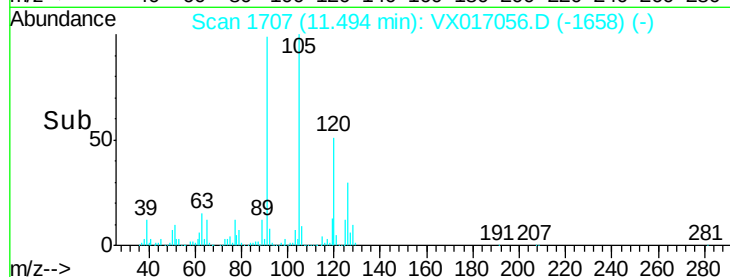
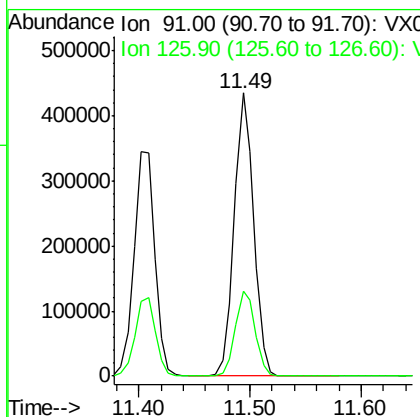
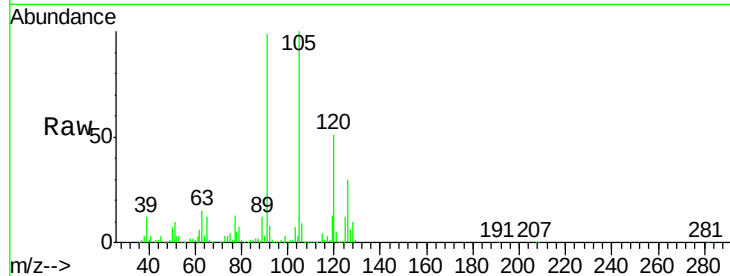
#82
4-Chlorotoluene
Concen: 46.718 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.5

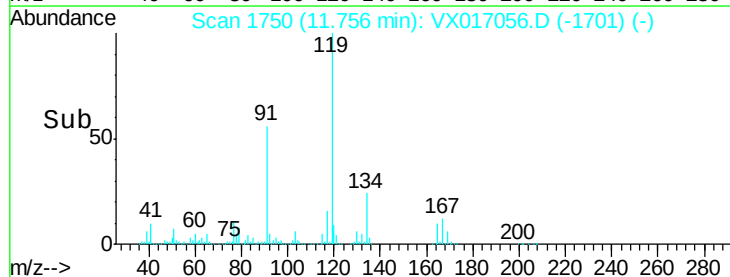
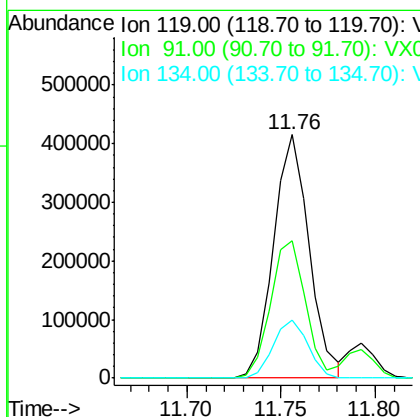
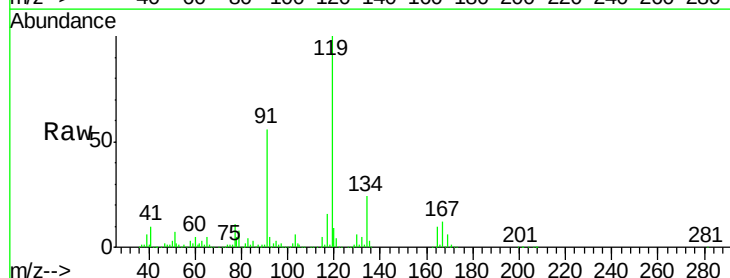
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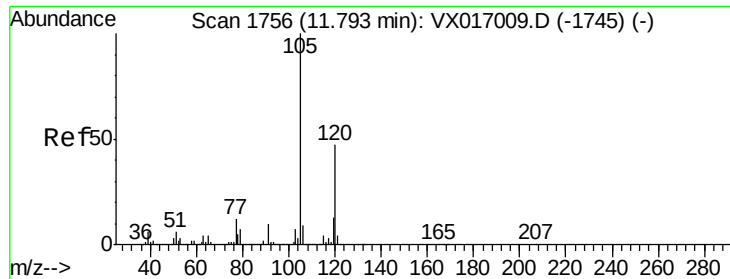
MMDadoda
7/1/2020 10:49:37 AM



#83
tert-Butylbenzene
Concen: 48.499 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.2	28.3	84.9
134	23.5	11.7	35.1





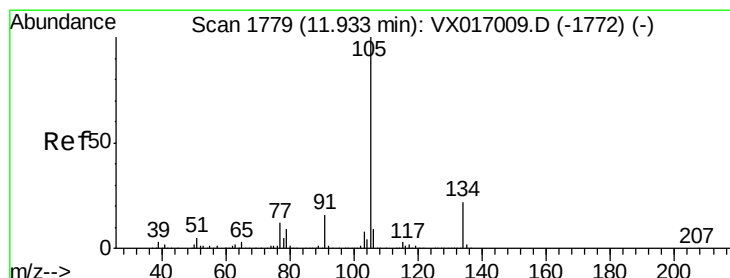
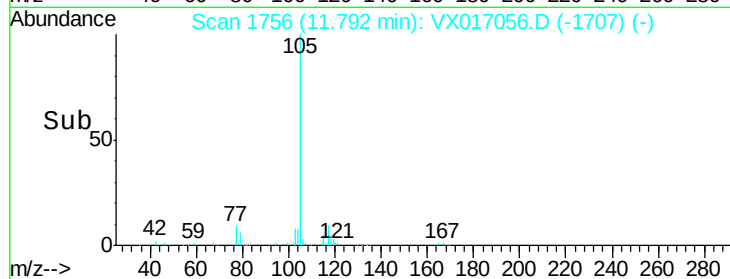
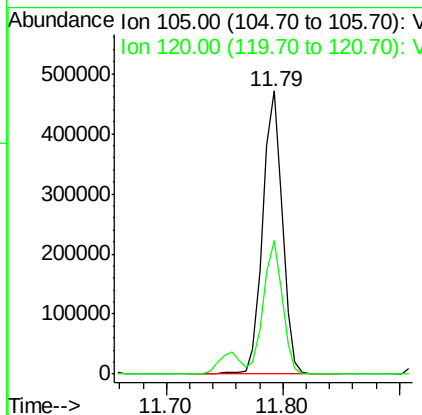
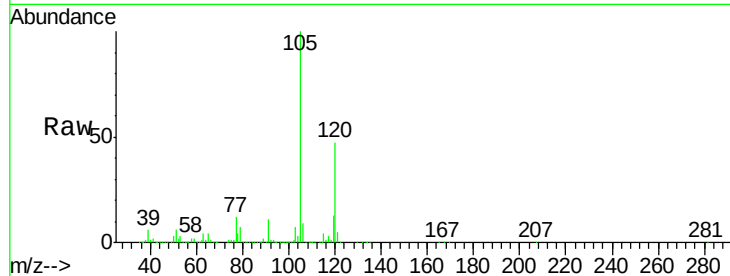
#84
 1,2,4-Trimethylbenzene
 Concen: 47.950 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.5

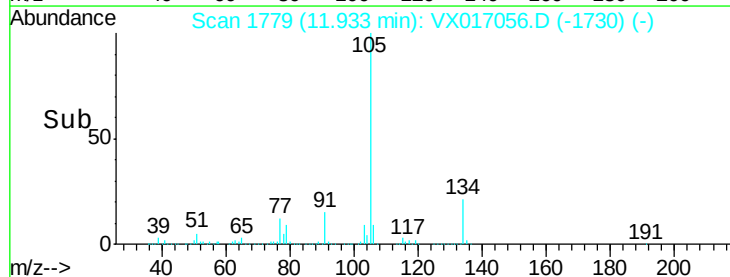
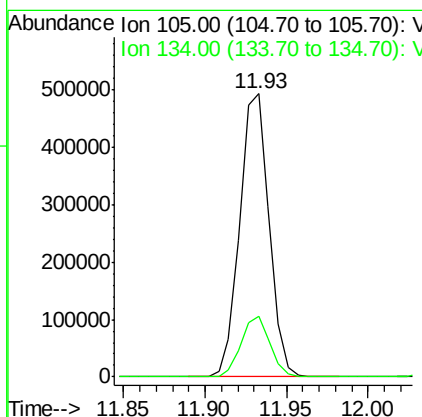
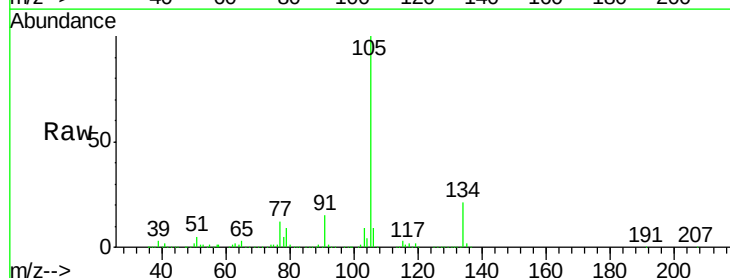
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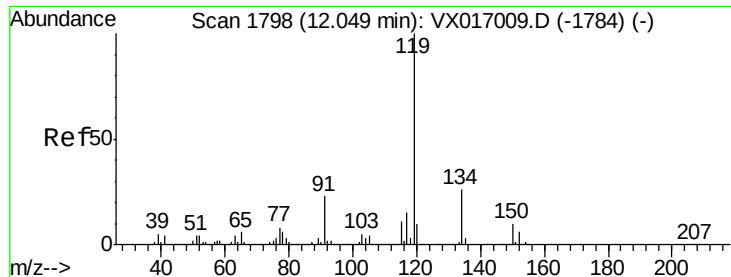
MMDadoda
 7/1/2020 10:49:37 AM



#85
 sec-Butylbenzene
 Concen: 46.935 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.5	31.6





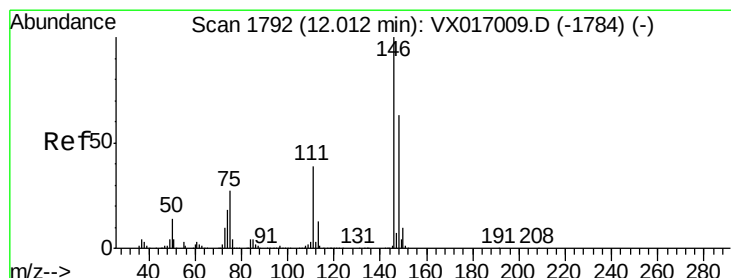
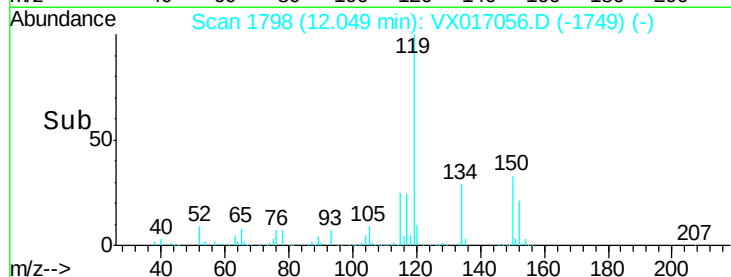
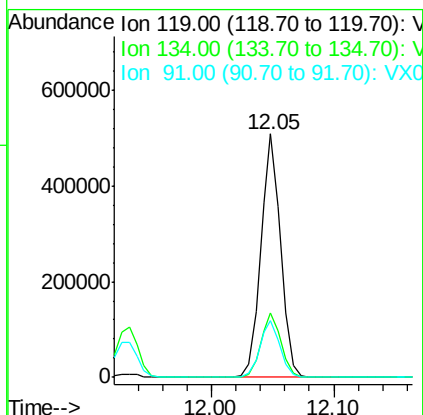
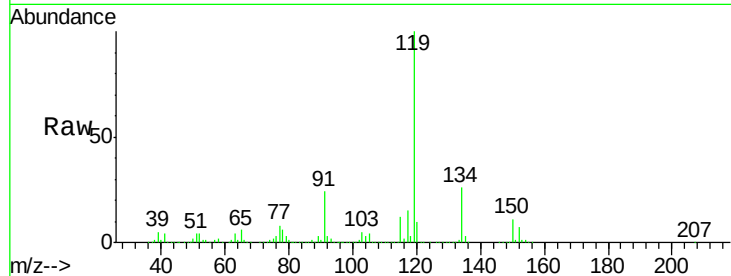
#86
 p-Isopropyltoluene
 Concen: 46.884 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	574819		
134	26.6		13.2	39.5
91	23.8		11.8	35.4

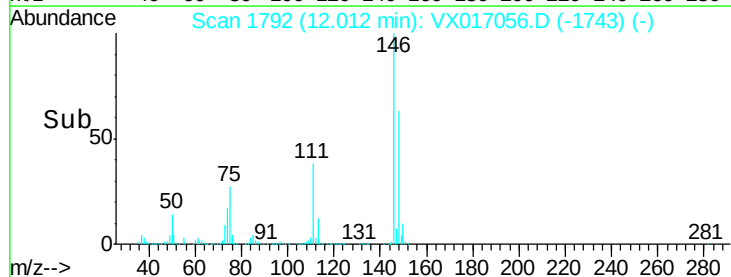
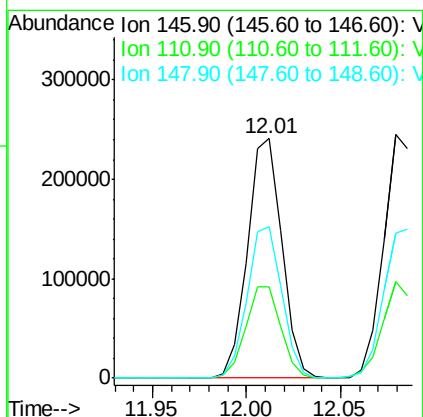
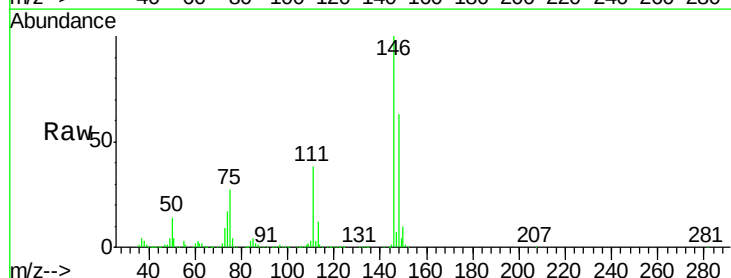
Manual Integrations
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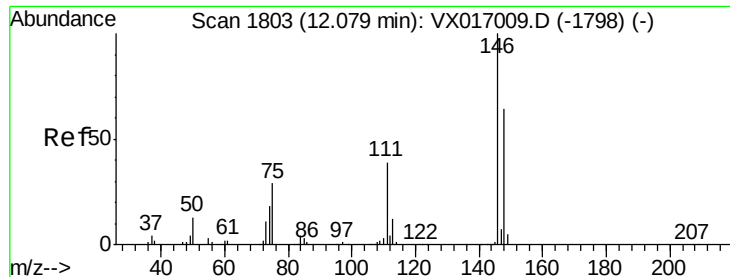
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 7/1/2020 10:49:37 AM



#87
 1,3-Dichlorobenzene
 Concen: 44.422 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305108		
111	39.2		20.4	61.2
148	63.7		32.5	97.5





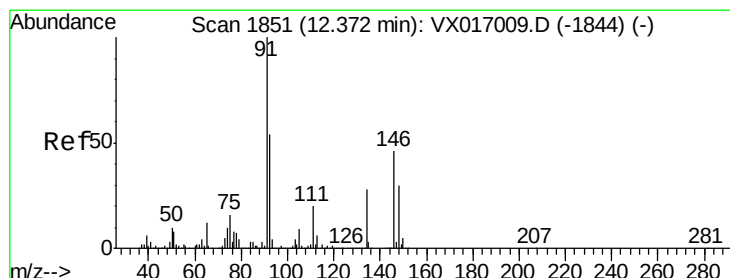
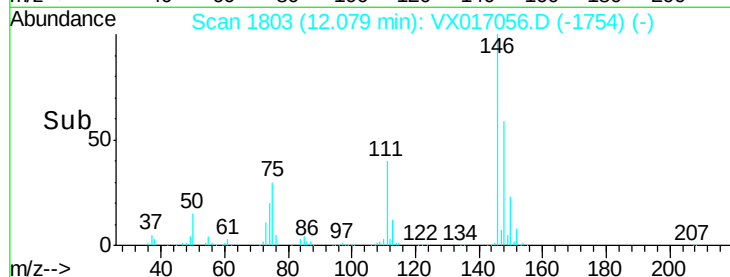
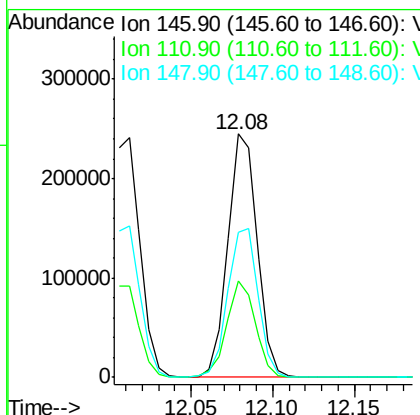
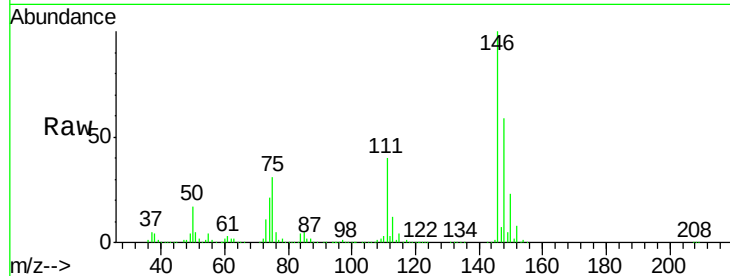
#88
 1,4-Dichlorobenzene
 Concen: 47.192 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	63.2	31.9	95.7

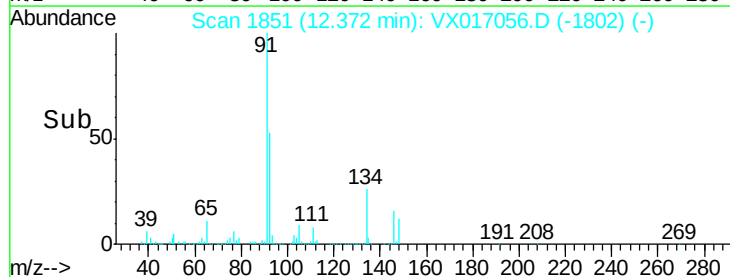
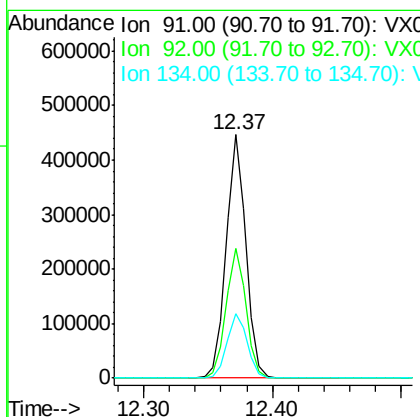
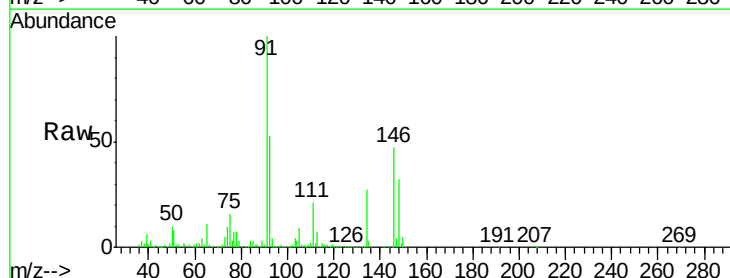
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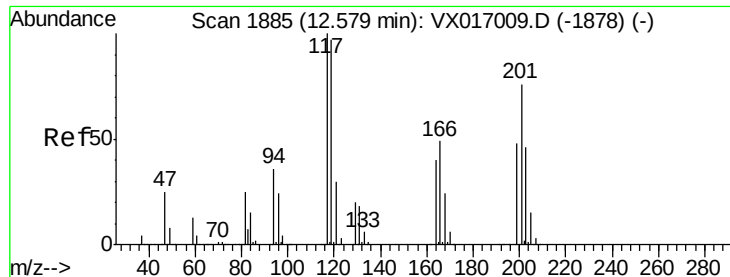
MMDadoda
 7/1/2020 10:49:37 AM



#89
 n-Butylbenzene
 Concen: 43.933 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	27.4	13.6	40.7





#90

Hexachloroethane

Concen: 46.059 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

Tot Ion:117 Resp: 111361

Ion Ratio Lower Upper

117 100

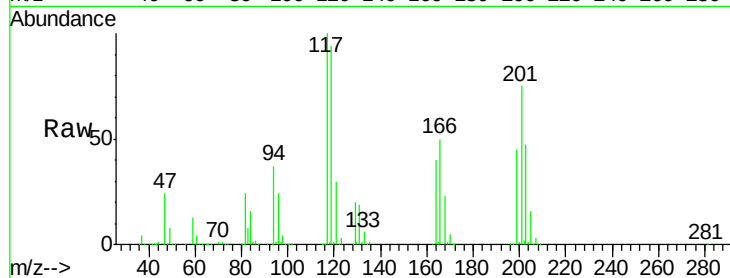
201 78.5 39.4 118.2

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

100000

80000

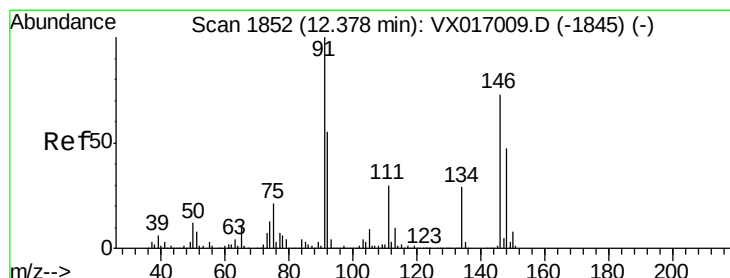
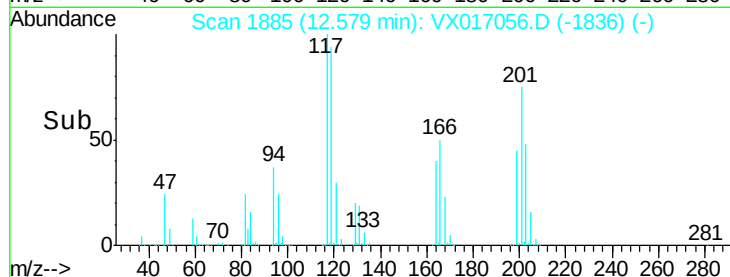
60000

40000

20000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 45.566 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

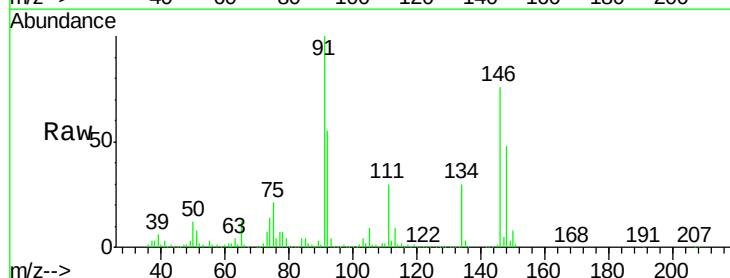
Tgt Ion:146 Resp: 292540

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

148 64.3 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

300000

250000

200000

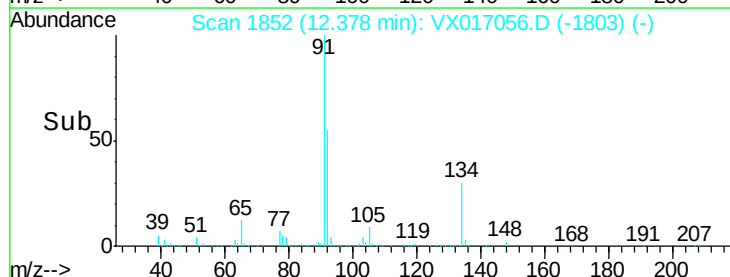
150000

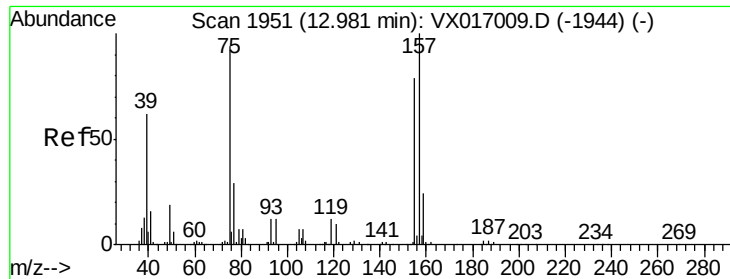
100000

50000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.450 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

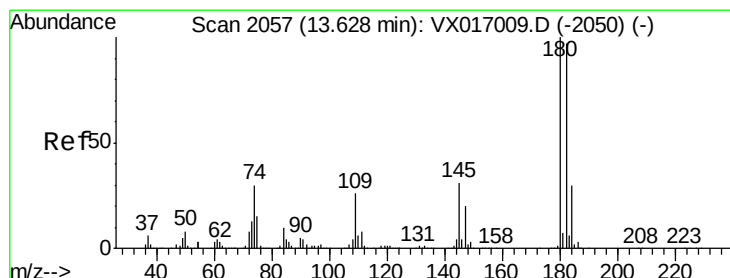
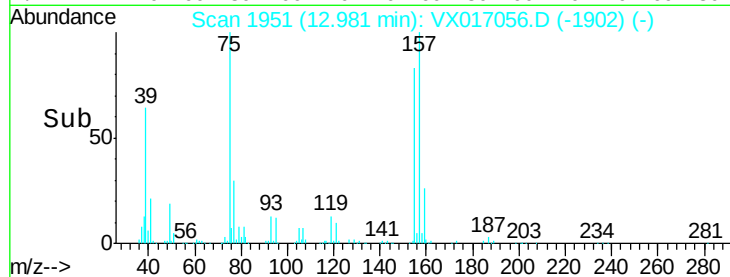
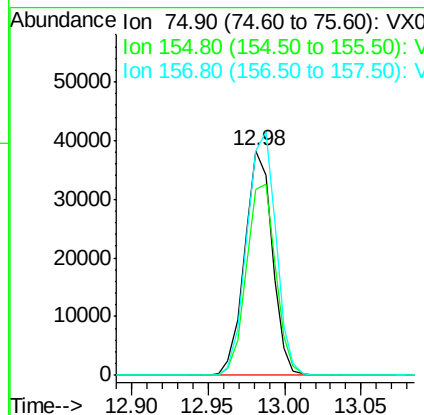
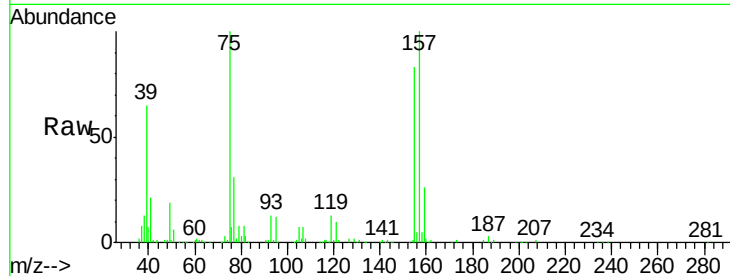
ClientSampleId :

61BR-20200624MS

Tot Ion:	75	Resp:	47961
Ion Ratio	Lower	Upper	
75	100		
155	89.9	45.1	135.2
157	114.5	56.5	169.3

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#93

1,2,4-Trichlorobenzene

Concen: 43.510 ug/l

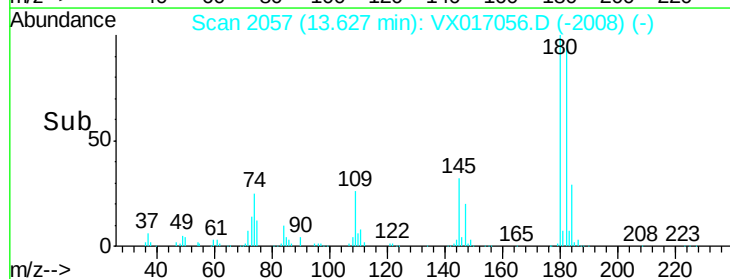
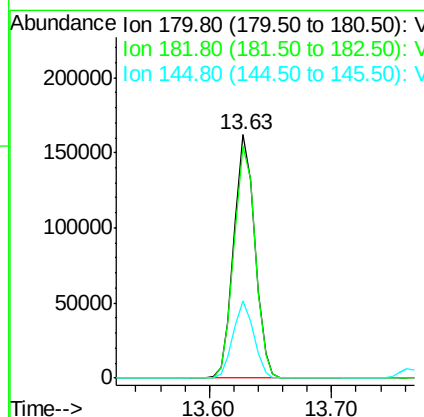
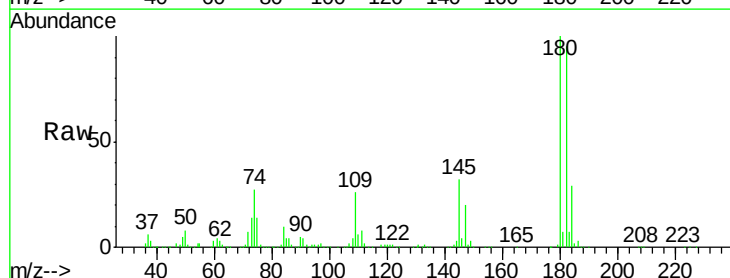
RT: 13.63 min Scan# 2057

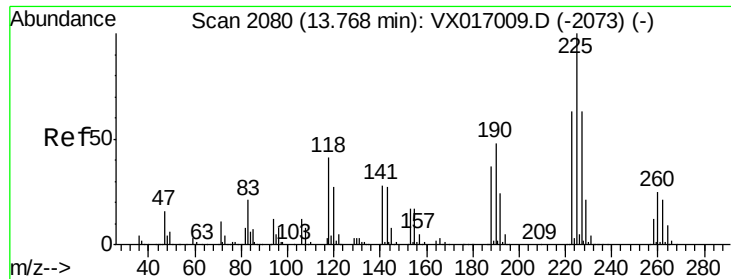
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	180	Resp:	190664
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.3	141.9
145	31.2	15.4	46.2





#94

Hexachlorobutadiene

Concen: 40.872 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

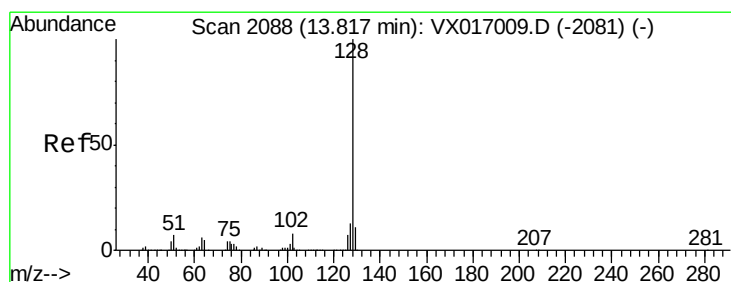
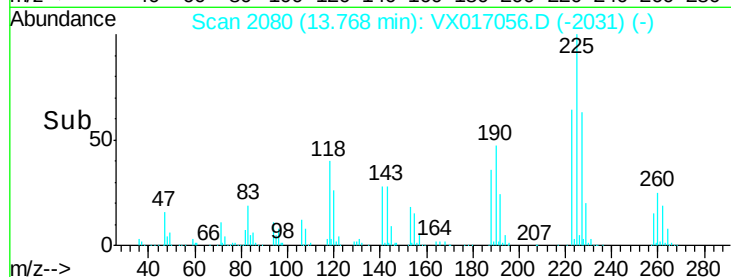
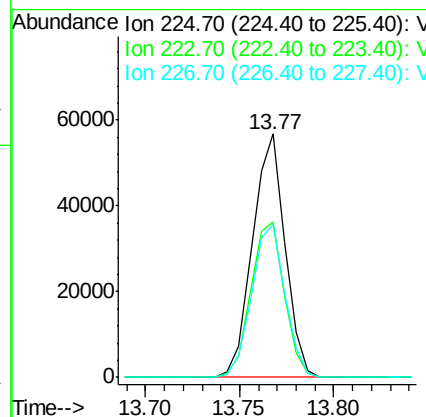
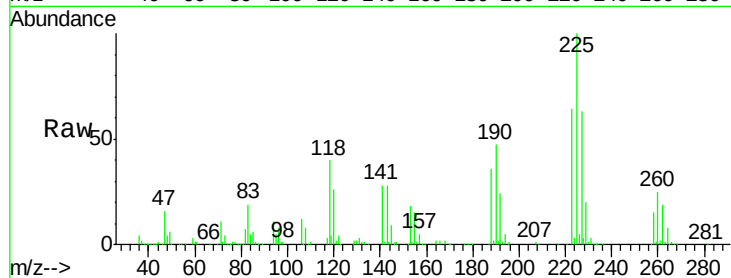
ClientSampleId :

61BR-20200624MS

Tot Ion:	225	Resp:	67713
Ion Ratio		Lower	Upper
225	100		
223	65.8	32.5	97.5
227	64.3	33.1	99.2

Manual Integrations
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#95

Naphthalene

Concen: 48.449 ug/l

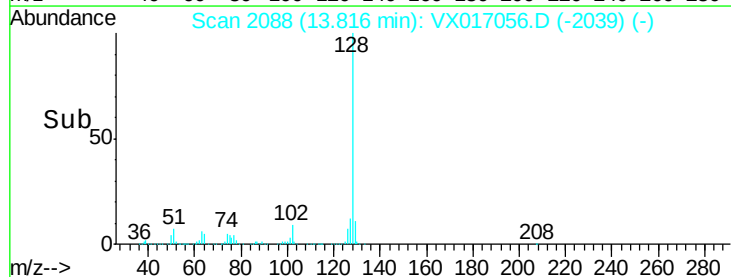
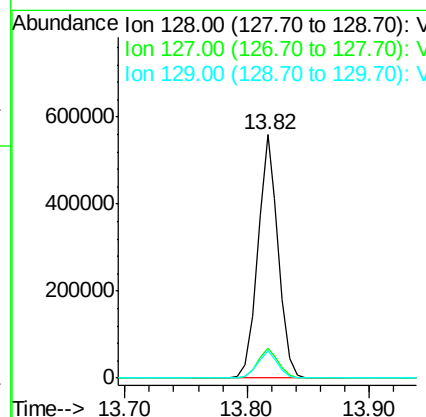
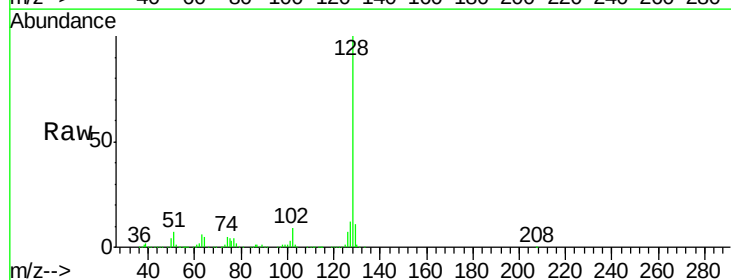
RT: 13.82 min Scan# 2088

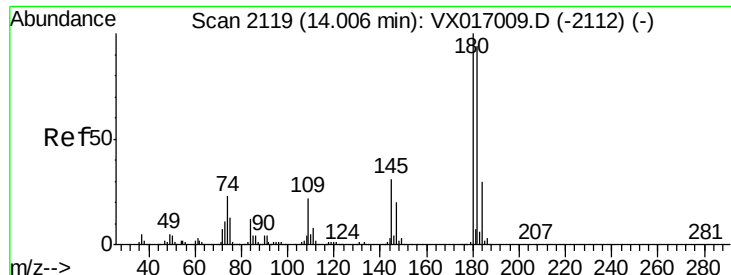
Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion:	128	Resp:	645442
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 45.516 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	47.1	141.4
145	32.2	16.6	49.7

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:37 AM

