

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017063.D
 Acq On : 30 Jun 2020 23:13
 Operator : JC/SP
 Sample : VX0630WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:48:57 AM

Quant Time: Jul 01 08:34:53 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	257991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	385307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163785	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
35) Dibromofluoromethane	5.46	113	133057	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
50) Toluene-d8	8.70	98	484929	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.12	95	188631	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	48652	19.493	ug/l	100
3) Chloromethane	1.32	50	52665	17.432	ug/l	98
4) Vinyl Chloride	1.39	62	52295	18.656	ug/l	97
5) Bromomethane	1.63	94	34882	23.554	ug/l	100
6) Chloroethane	1.71	64	31523	19.041	ug/l	99
7) Trichlorofluoromethane	1.92	101	82247	19.839	ug/l	99
8) Diethyl Ether	2.17	74	29074	21.057	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47895	19.276	ug/l	98
10) Methyl Iodide	2.50	142	51040	15.920	ug/l	98
11) Tert butyl alcohol	3.01	59	59805	98.567	ug/l	100
12) 1,1-Dichloroethene	2.35	96	49048	19.216	ug/l	94
13) Acrolein	2.28	56	28501	78.580	ug/l	99
14) Allyl chloride	2.71	41	85521	18.130	ug/l	98
15) Acrylonitrile	3.12	53	142941	97.999	ug/l	100
16) Acetone	2.42	43	119124	100.121	ug/l	99
17) Carbon Disulfide	2.55	76	141439	19.871	ug/l	99
18) Methyl Acetate	2.75	43	61608	19.835	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	167517	19.555	ug/l	98
20) Methylene Chloride	2.84	84	57881	20.754	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55709	19.667	ug/l	99
22) Diisopropyl ether	3.82	45	171771	19.674	ug/l	94
23) Vinyl Acetate	3.79	43	748184	99.727	ug/l	100
24) 1,1-Dichloroethane	3.67	63	96112	19.347	ug/l	99
25) 2-Butanone	4.63	43	195408	98.566	ug/l	99
26) 2,2-Dichloropropane	4.56	77	69362	15.725	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	60111	18.729	ug/l	98
28) Bromochloromethane	4.98	49	43316	17.919	ug/l	99
29) Tetrahydrofuran	5.09	42	126333	96.446	ug/l	98
30) Chloroform	5.18	83	100881	19.810	ug/l	99
31) Cyclohexane	5.56	56	82384	19.186	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	90022	19.195	ug/l	98
36) 1,1-Dichloropropene	5.77	75	72390	18.730	ug/l	99
37) Ethyl Acetate	4.79	43	76700	19.559	ug/l	99
38) Carbon Tetrachloride	5.76	117	83042	19.507	ug/l	92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	78977	18.366	ug/l	99
40) Benzene	6.11	78	218945	19.280	ug/l	99
41) Methacrylonitrile	5.01	41	42228	19.133	ug/l	98
42) 1,2-Dichloroethane	6.17	62	81357	19.834	ug/l	99
43) Isopropyl Acetate	6.42	43	122535	18.804	ug/l	100
44) Trichloroethene	7.19	130	62846	19.869	ug/l	91
45) 1,2-Dichloropropane	7.49	63	57147	19.593	ug/l	99
46) Dibromomethane	7.64	93	38986	19.578	ug/l	98
47) Bromodichloromethane	7.88	83	79896	19.469	ug/l	98
48) Methyl methacrylate	7.74	41	60779	19.632	ug/l	98
49) 1,4-Dioxane	7.71	88	26614	379.464	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	389820	100.357	ug/l	99
52) Toluene	8.76	92	137320	19.368	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	83666	18.479	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	90207	18.585	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	56931	19.653	ug/l	96
56) Ethyl methacrylate	9.16	69	79595	19.305	ug/l	99
57) 1,3-Dichloropropane	9.35	76	94426	19.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	206958	100.857	ug/l	99
59) 2-Hexanone	9.48	43	289137	101.921	ug/l	99
60) Dibromochloromethane	9.57	129	66524	19.772	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60907	19.561	ug/l	98
64) Tetrachloroethene	9.32	164	59730	19.208	ug/l	96
65) Chlorobenzene	10.12	112	151434	19.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	59916	19.550	ug/l	99
67) Ethyl Benzene	10.24	91	256056	19.280	ug/l	98
68) m/p-Xylenes	10.34	106	199067	39.037	ug/l	97
69) o-Xylene	10.68	106	94604	19.502	ug/l	99
70) Styrene	10.69	104	166229	20.123	ug/l	100
71) Bromoform	10.84	173	48575	19.987	ug/l	100
73) Isopropylbenzene	11.00	105	255974	19.355	ug/l	99
74) N-amyl acetate	10.88	43	106792	18.925	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	80242	19.289	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	77482m	19.515	ug/l	
77) Bromobenzene	11.24	156	70043	19.270	ug/l	98
78) n-propylbenzene	11.34	91	285705	19.104	ug/l	100
79) 2-Chlorotoluene	11.40	91	176779	19.531	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	212930	19.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	27049	17.643	ug/l	95
82) 4-Chlorotoluene	11.49	91	210312	19.437	ug/l	100
83) tert-Butylbenzene	11.76	119	206488	19.175	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	219230	19.699	ug/l	99
85) sec-Butylbenzene	11.93	105	238660	18.854	ug/l	99
86) p-Isopropyltoluene	12.05	119	227391	19.297	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	123993	18.783	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	122931	19.630	ug/l	97
89) n-Butylbenzene	12.37	91	187188	17.791	ug/l	99
90) Hexachloroethane	12.58	117	45621	19.632	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	118645	19.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18479	18.621	ug/l	97

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ClientSampleId :
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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)
93) 1,2,4-Trichlorobenzene	13.63	180	77324	18.359	ug/l	99
94) Hexachlorobutadiene	13.77	225	29731	19.130	ug/l	98
95) Naphthalene	13.82	128	246065	19.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	77545	19.025	ug/l	99

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

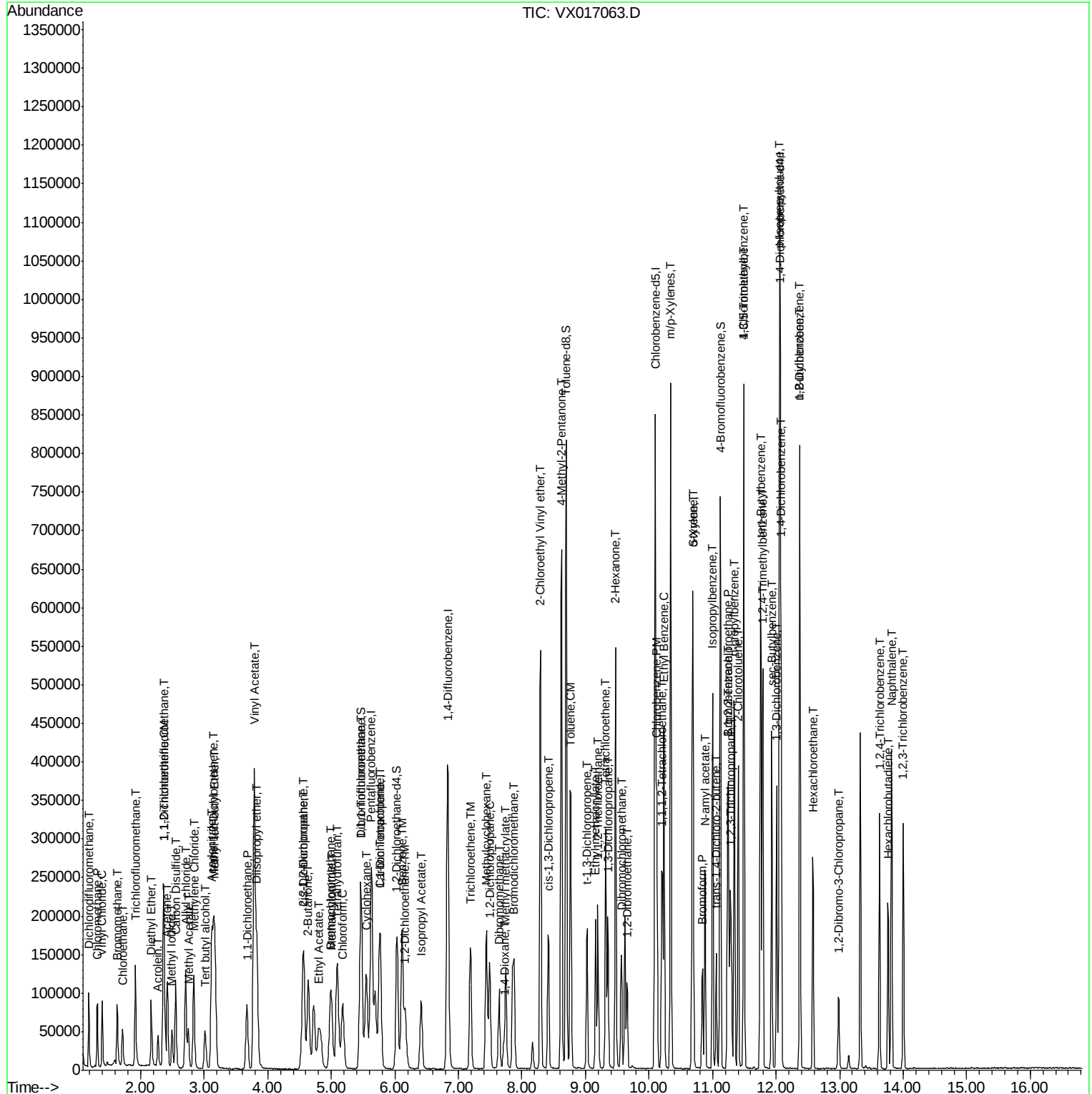
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Data File : VX017063.D
Acq On : 30 Jun 2020 23:13
Operator : JC/SP
Sample : VX0630WBSD02
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD02

Tot Ion:168 Resp: 257991

Ion Ratio Lower Upper

168 100

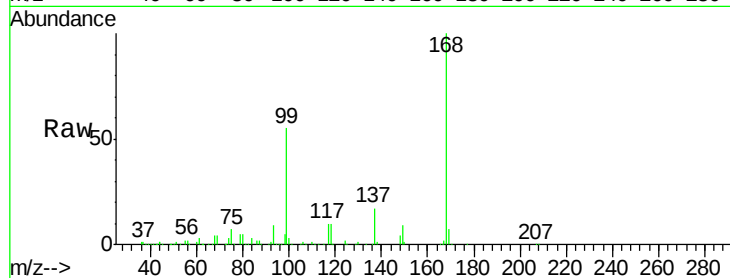
99 55.3 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

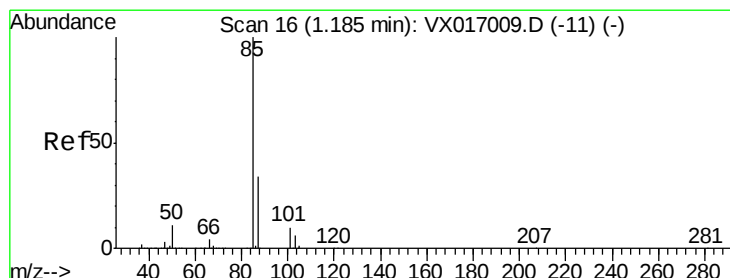
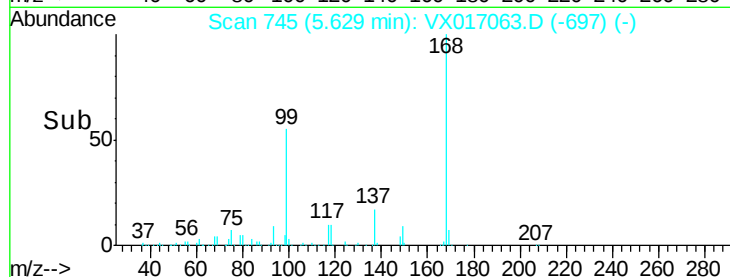
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.493 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017063.D

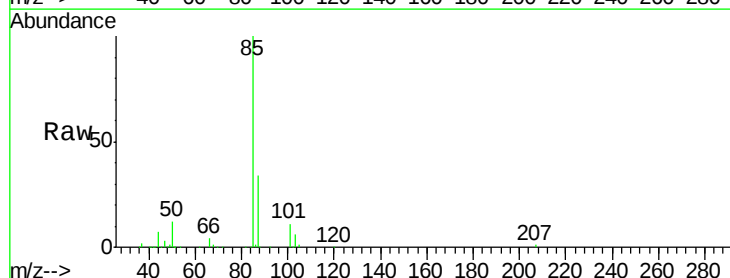
Acq: 30 Jun 2020 23:13

Tgt Ion: 85 Resp: 48652

Ion Ratio Lower Upper

85 100

87 33.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

10000

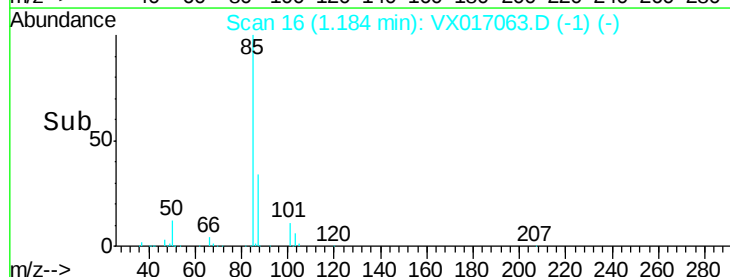
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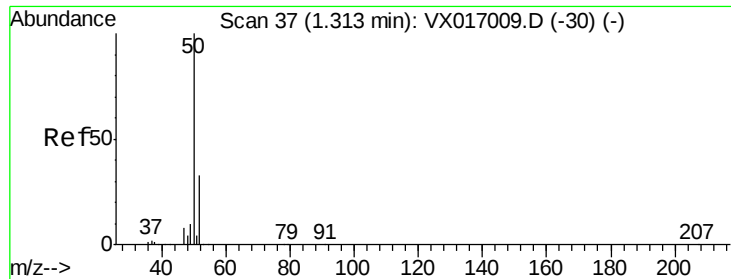
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 17.432 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 50 Resp: 52665

Ion Ratio Lower Upper

50 100

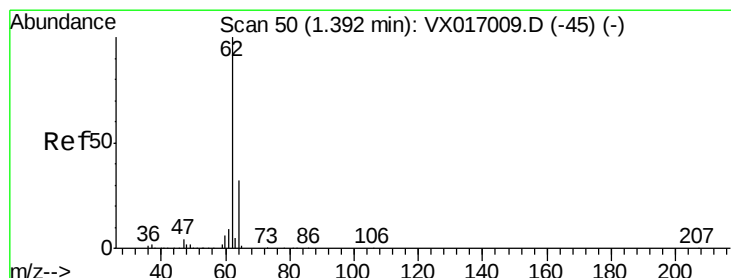
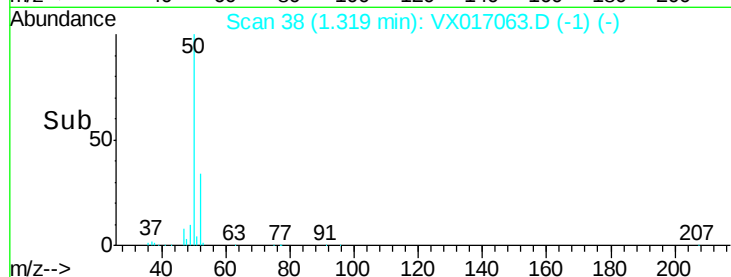
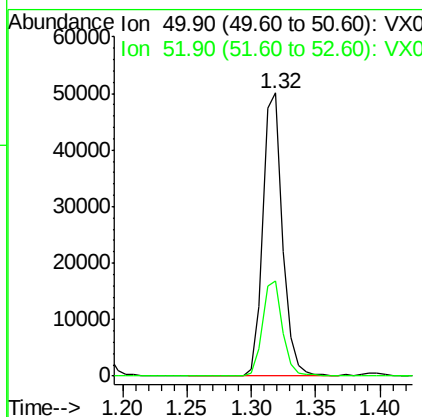
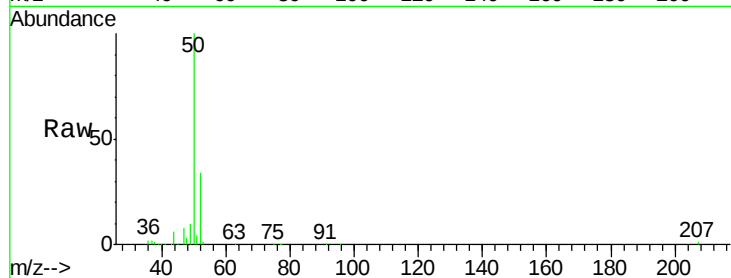
52 33.6 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.656 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017063.D

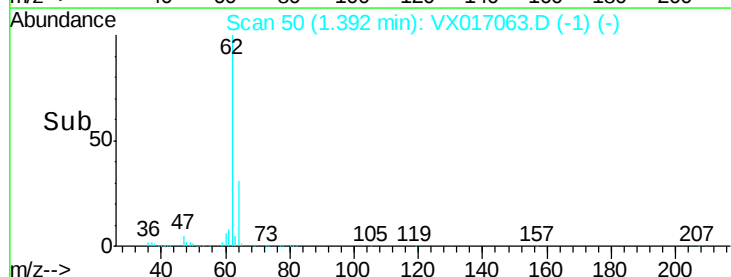
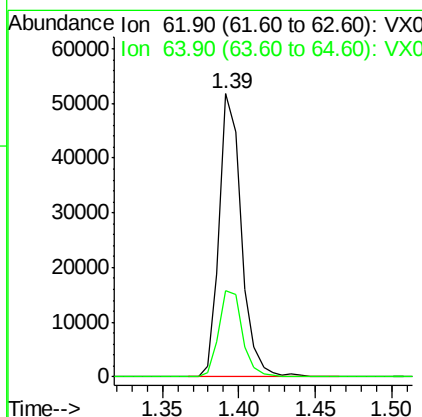
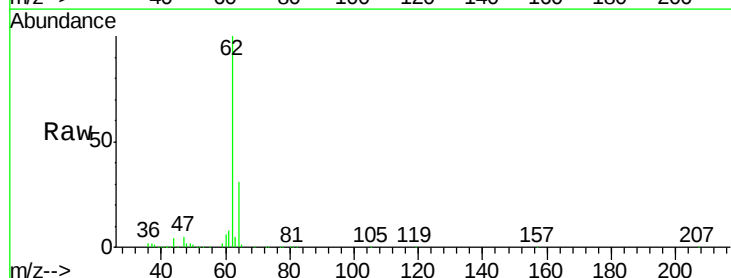
Acq: 30 Jun 2020 23:13

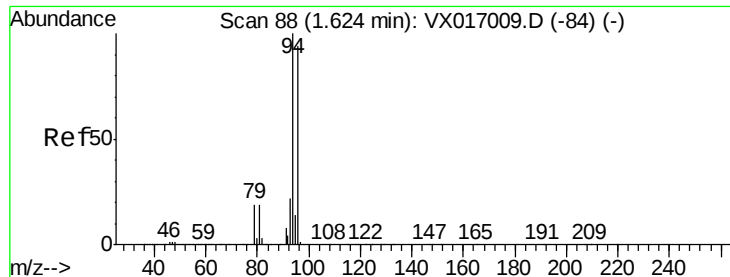
Tgt Ion: 62 Resp: 52295

Ion Ratio Lower Upper

62 100

64 30.5 25.9 38.9





#5

Bromomethane

Concen: 23.554 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

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ClientSampleId :

VX0630WBSD02

Tot Ion: 94 Resp: 34882

Ion Ratio Lower Upper

94 100

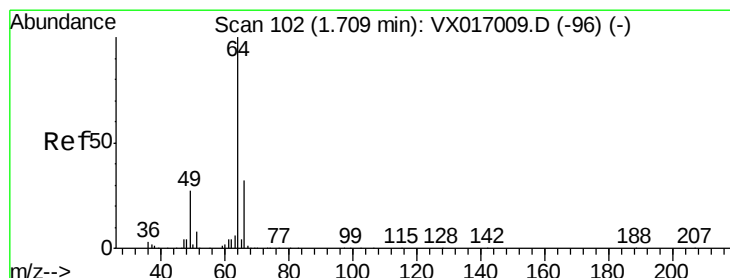
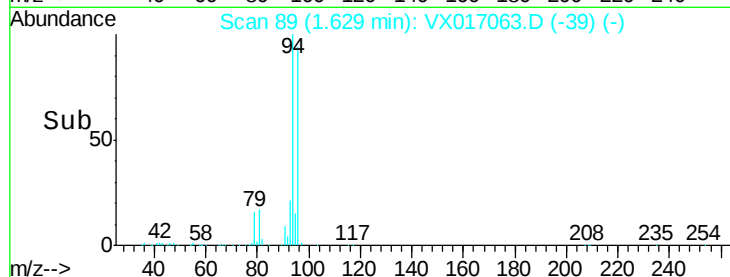
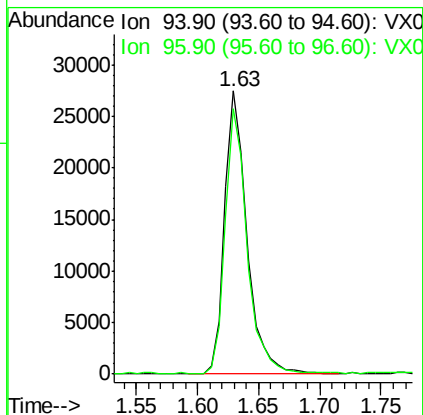
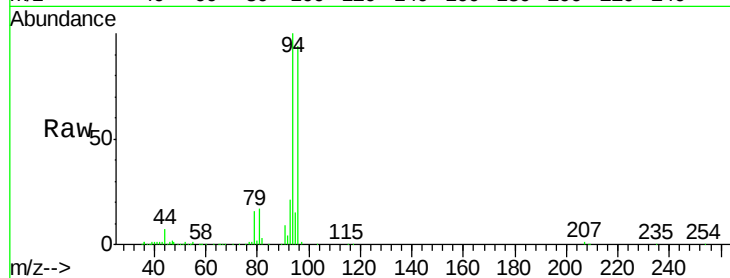
96 93.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 19.041 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017063.D

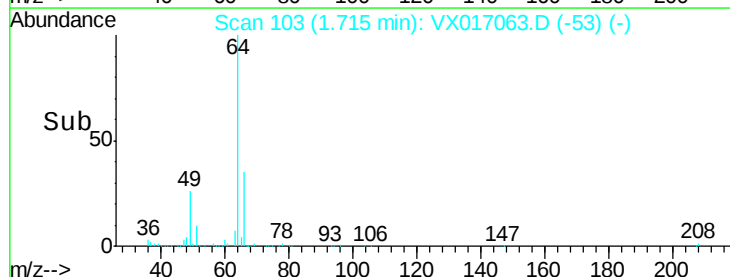
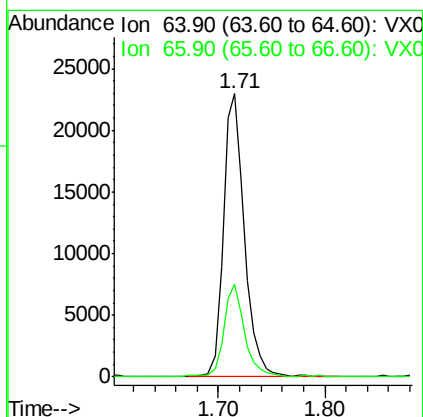
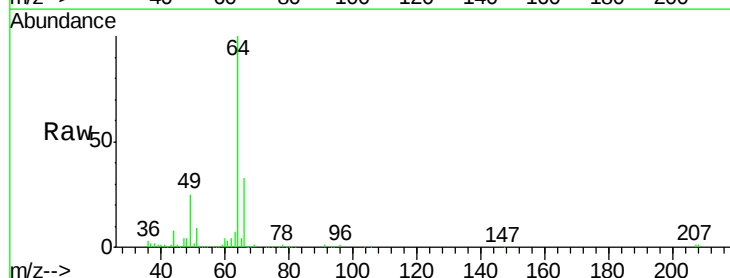
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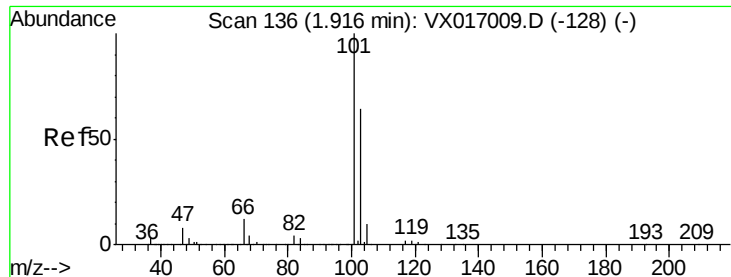
Tgt Ion: 64 Resp: 31523

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3





#7

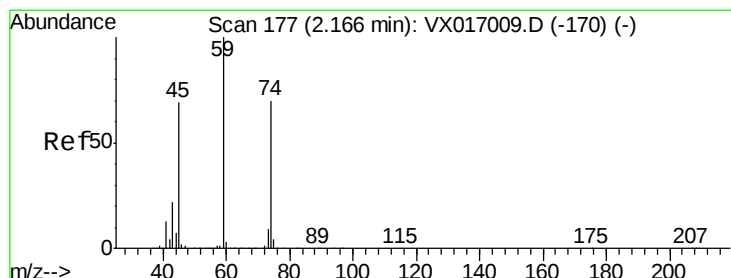
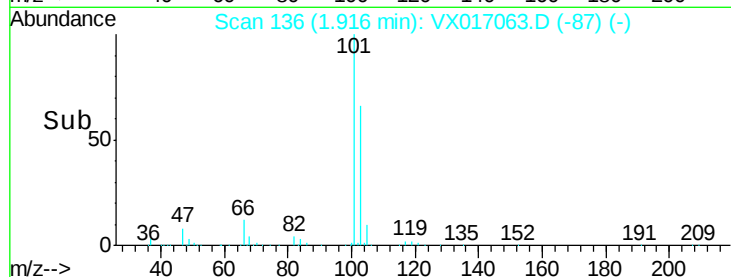
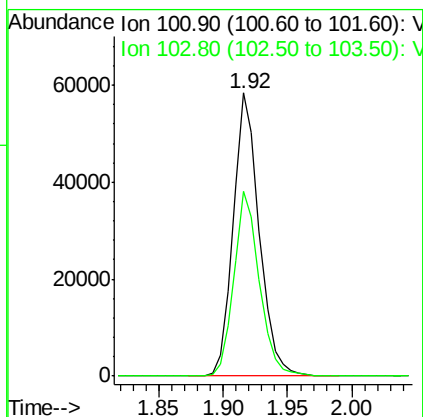
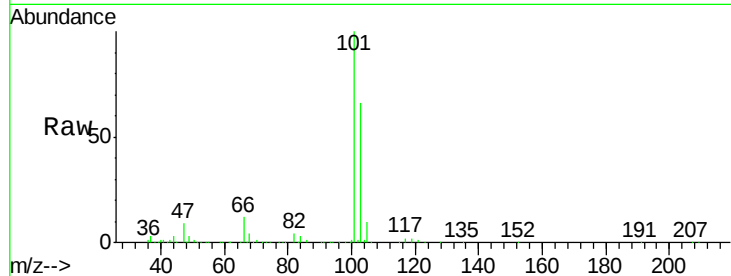
Trichlorofluoromethane
Concen: 19.839 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
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ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.5	77.3

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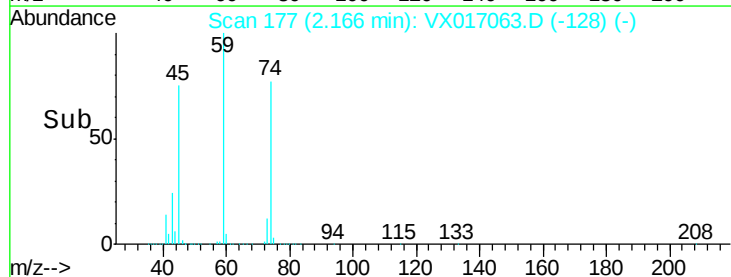
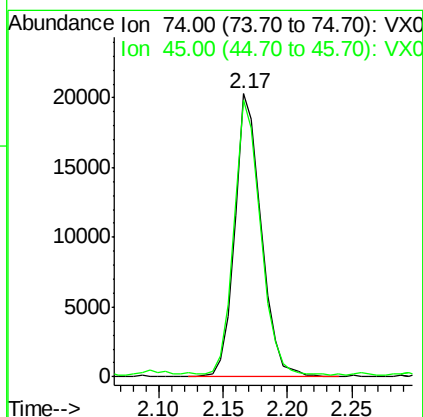
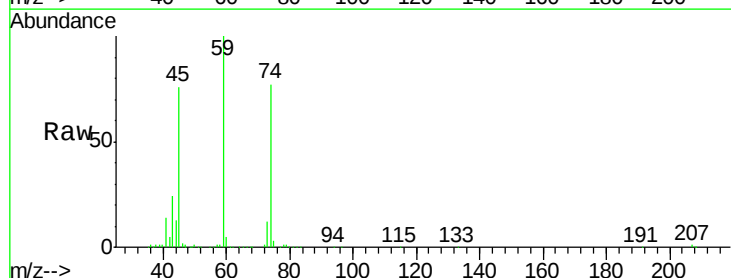
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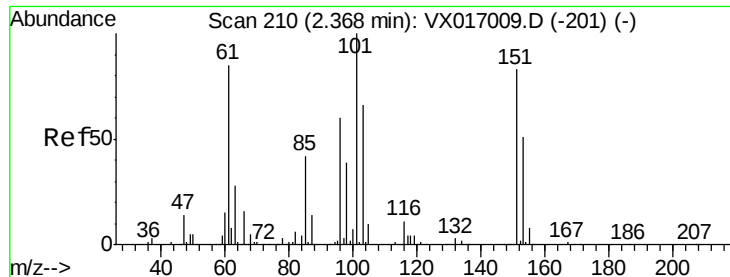


#8

Diethyl Ether
Concen: 21.057 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.276 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017063.D

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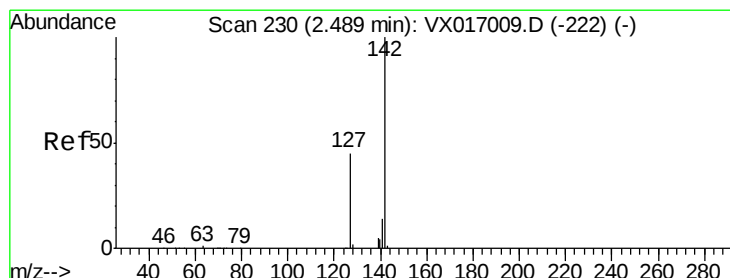
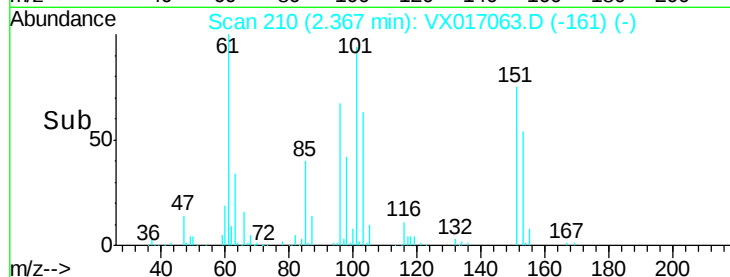
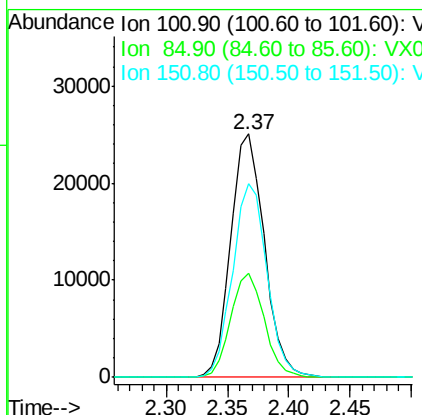
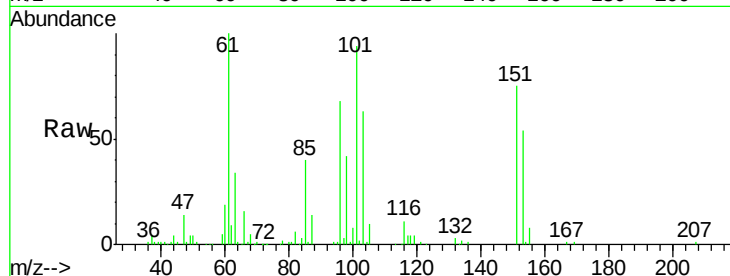
ClientSampleId :

VX0630WBSD02

Tot Ion:	101	Resp:	47895
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.5	50.3
151	81.5	63.8	95.6

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#10

Methyl Iodide

Concen: 15.920 ug/l

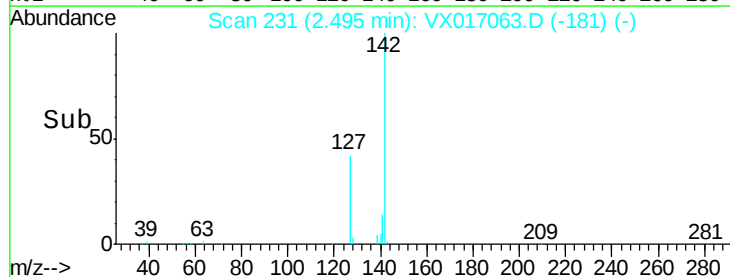
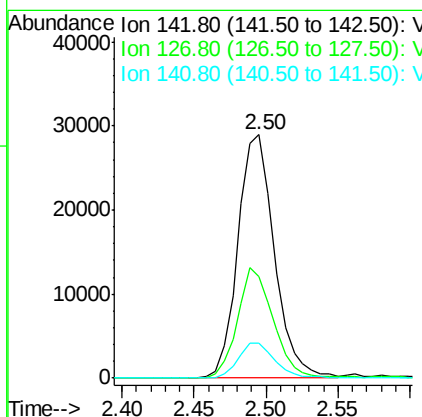
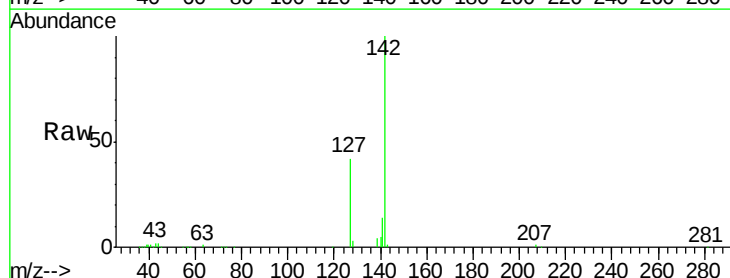
RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion:	142	Resp:	51040
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.6	54.8
141	14.5	11.6	17.4





#11

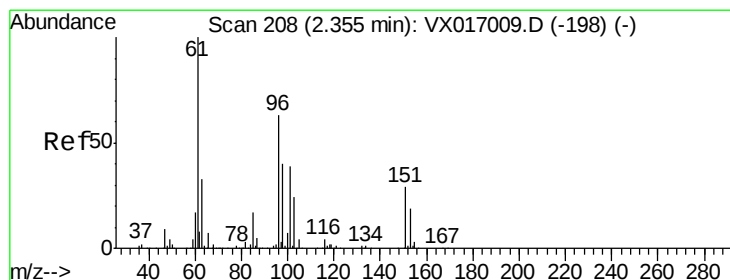
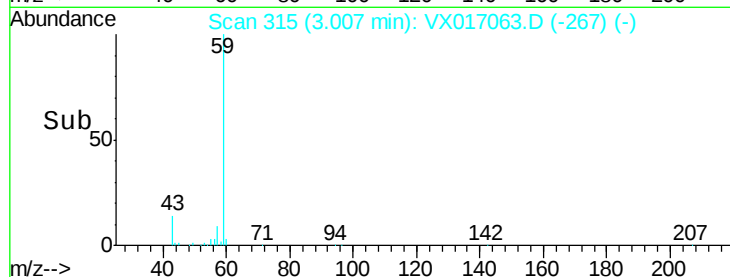
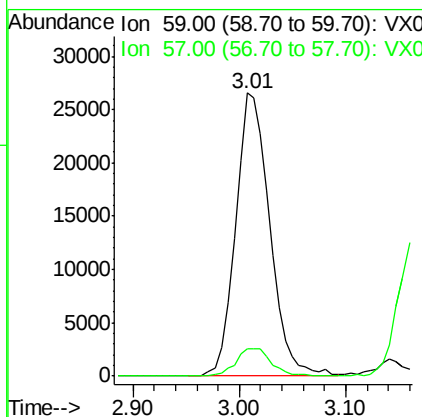
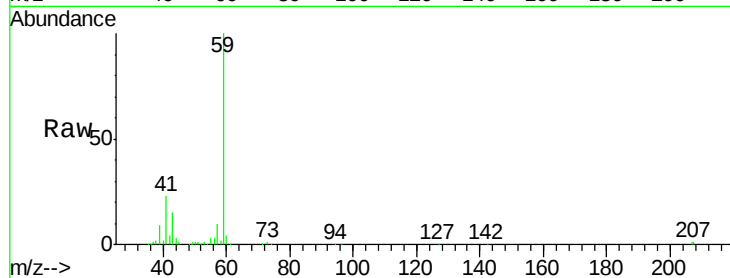
Tert butyl alcohol
Concen: 98.567 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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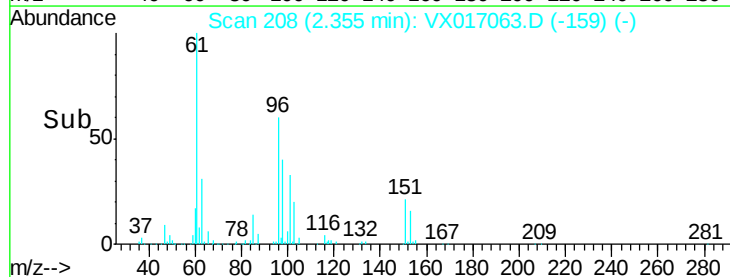
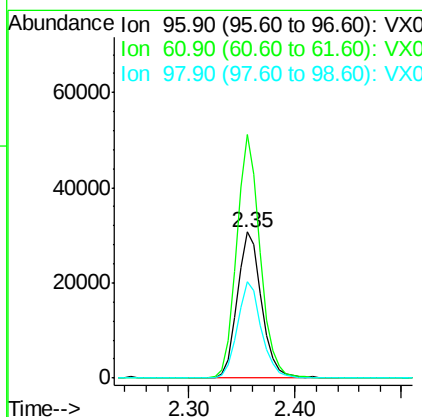
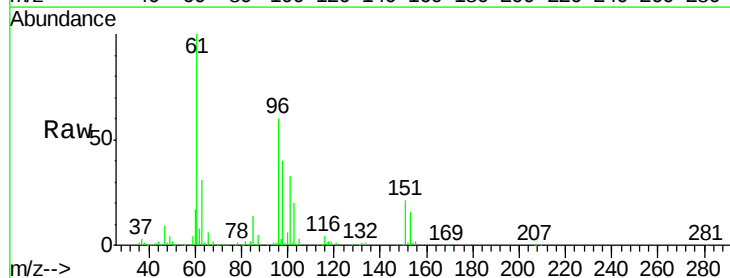
MMDadoda
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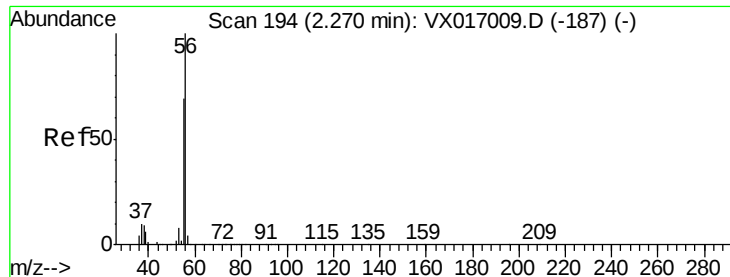


#12

1,1-Dichloroethene
Concen: 19.216 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.1	126.3	189.5
98	66.4	51.0	76.6





#13

Acrolein

Concen: 78.580 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 56 Resp: 28501

Ion Ratio Lower Upper

56 100

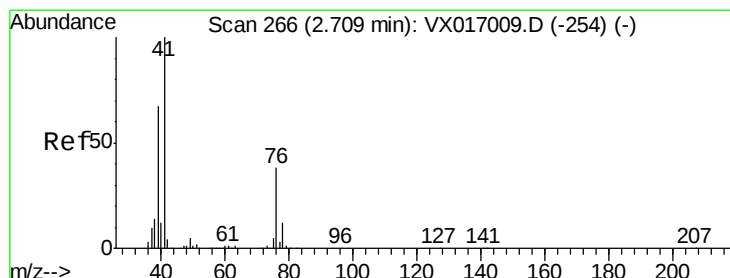
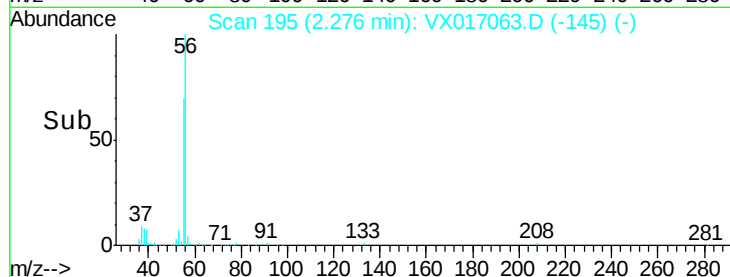
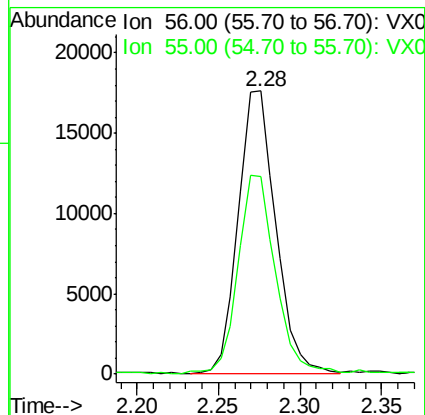
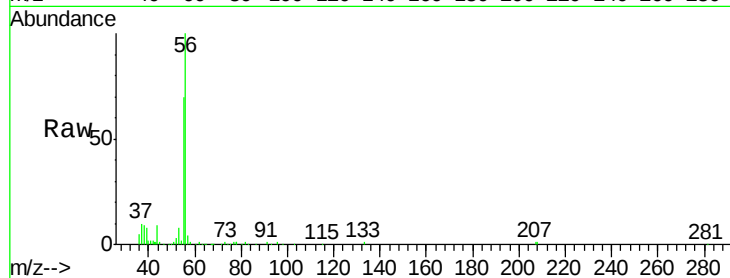
55 70.2 55.7 83.5

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#14

Allyl chloride

Concen: 18.130 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

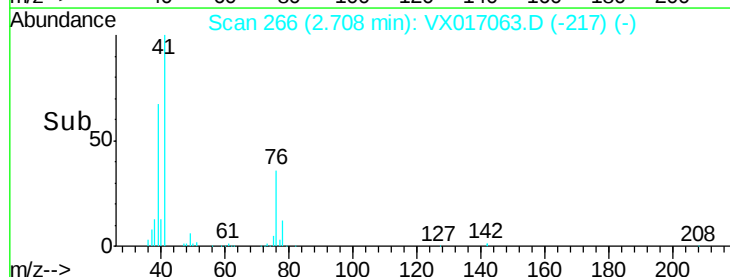
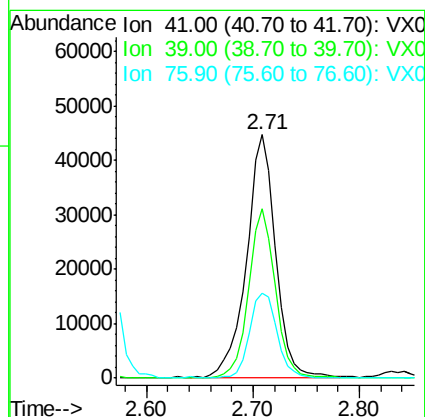
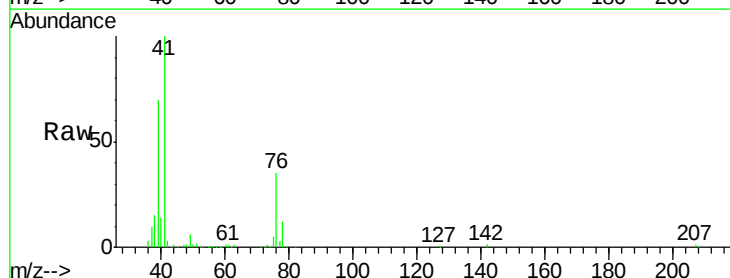
Tgt Ion: 41 Resp: 85521

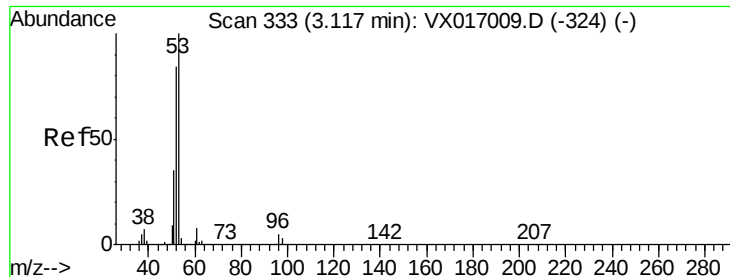
Ion Ratio Lower Upper

41 100

39 64.6 49.4 74.2

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 97.999 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

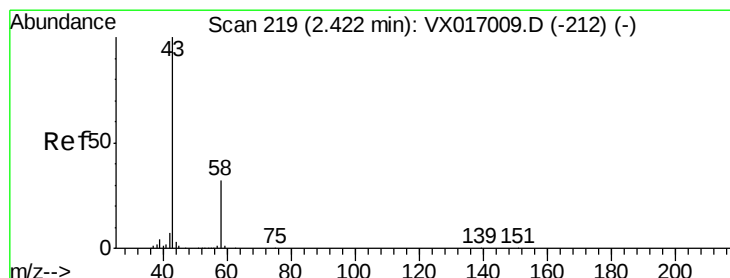
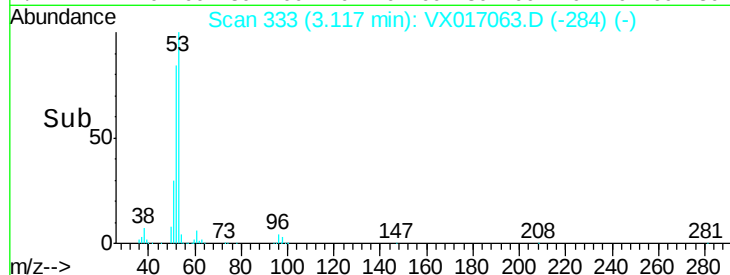
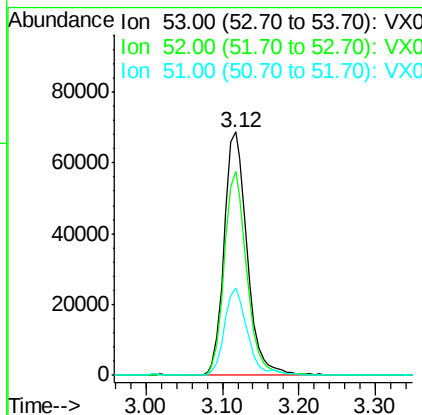
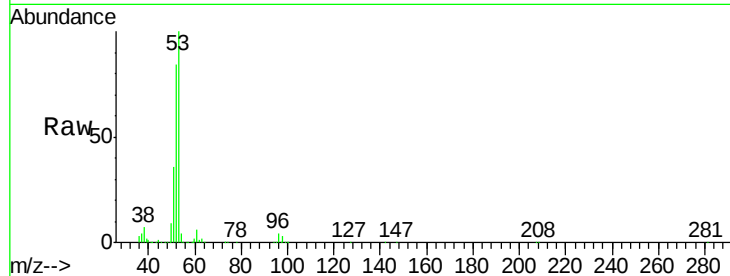
ClientSampleId :

VX0630WBSD02

Tot Ion:	53	Resp:	142941
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.6	98.4
51	35.8	28.3	42.5

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#16

Acetone

Concen: 100.121 ug/l

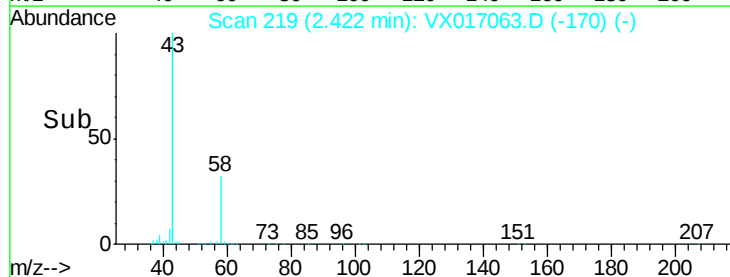
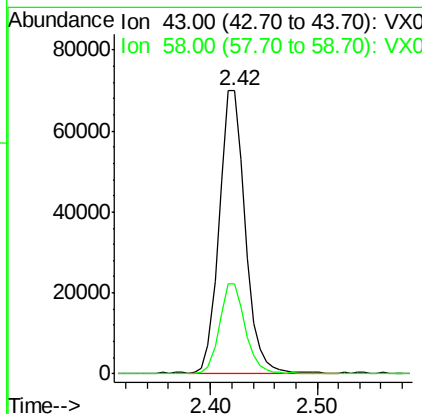
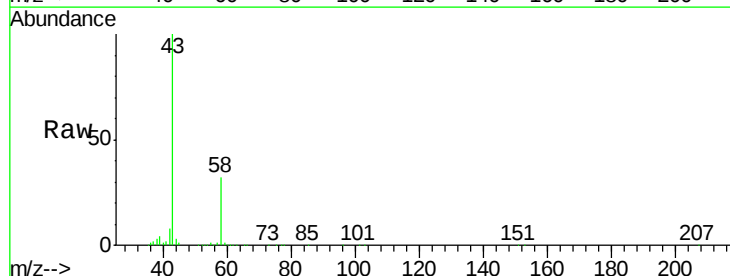
RT: 2.42 min Scan# 219

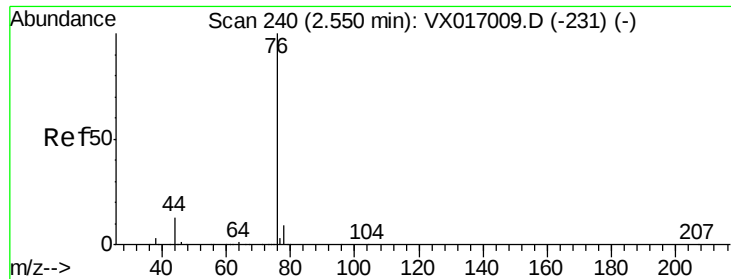
Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion:	43	Resp:	119124
Ion Ratio	Lower	Upper	
43	100		
58	31.6	25.7	38.5





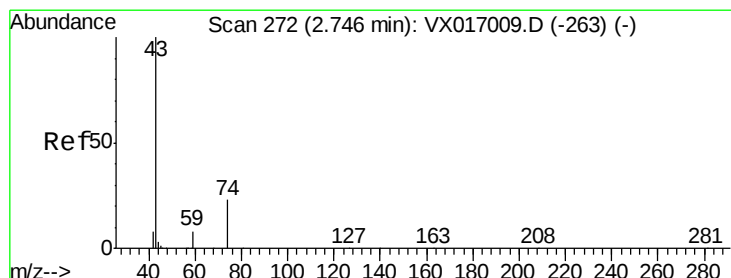
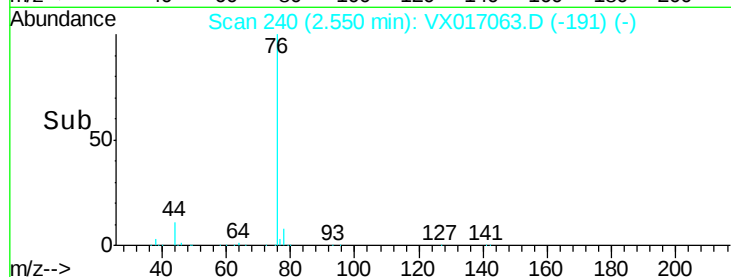
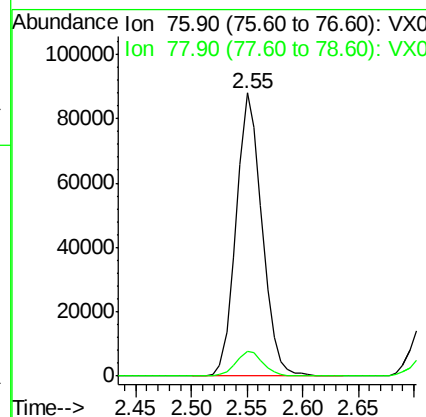
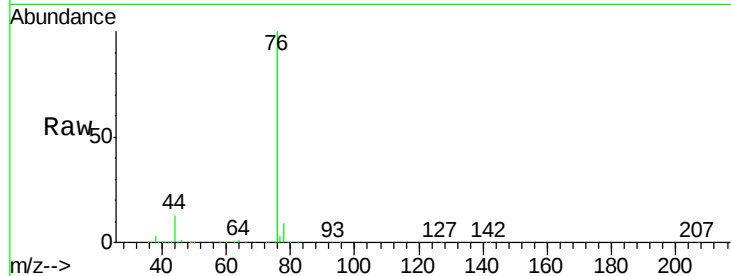
#17
Carbon Disulfide
Concen: 19.871 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

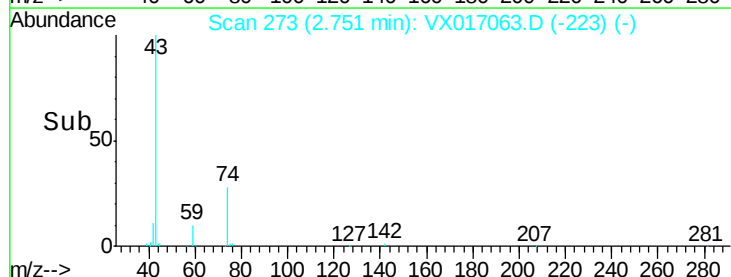
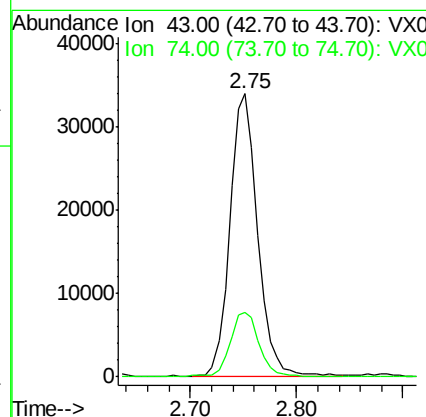
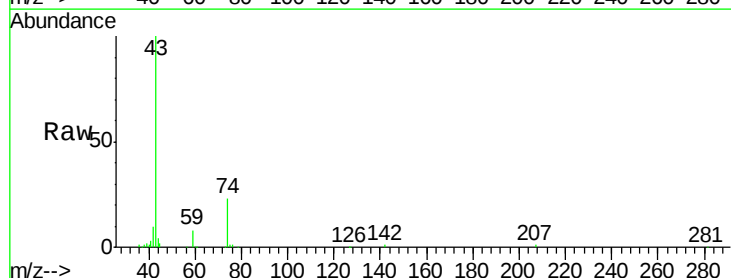
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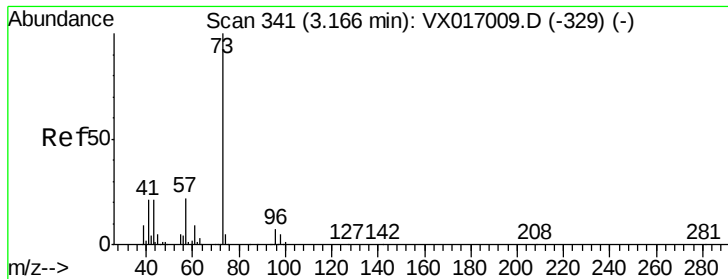
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#18
Methyl Acetate
Concen: 19.835 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.3	28.9





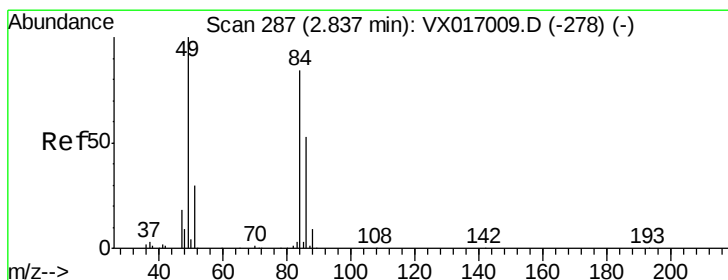
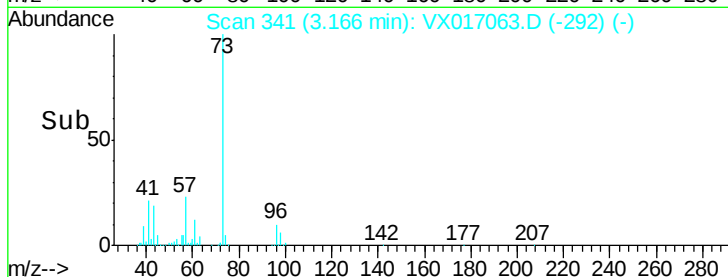
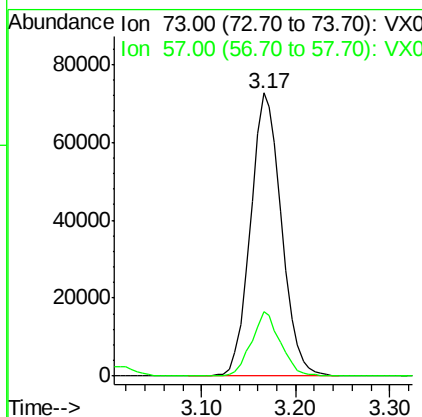
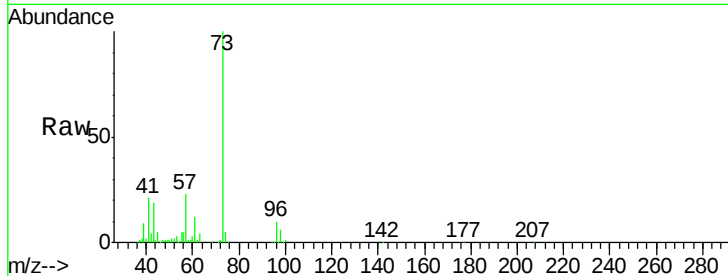
#19
Methvl tert-butvl Ether
Concen: 19.555 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion: 73 Resp: 167517
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

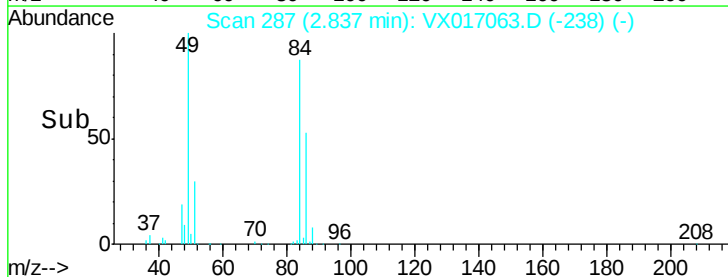
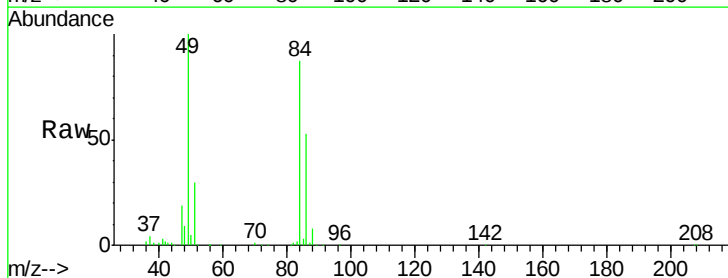
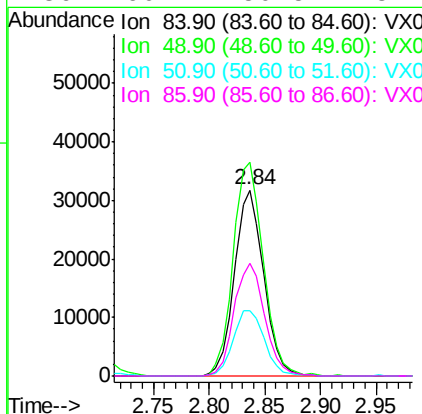
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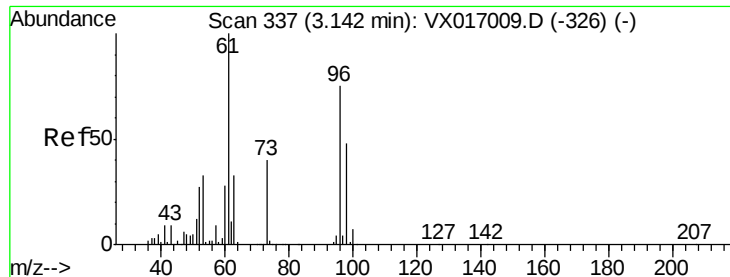
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#20
Methylene Chloride
Concen: 20.754 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion: 84 Resp: 57881
Ion Ratio Lower Upper
84 100
49 114.9 94.7 142.1
51 34.9 28.6 42.8
86 60.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.667 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 96 Resp: 55709

Ion Ratio Lower Upper

96 100

61 134.9 107.0 160.6

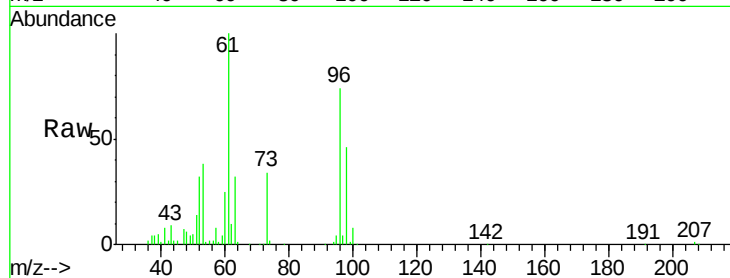
98 62.6 51.6 77.4

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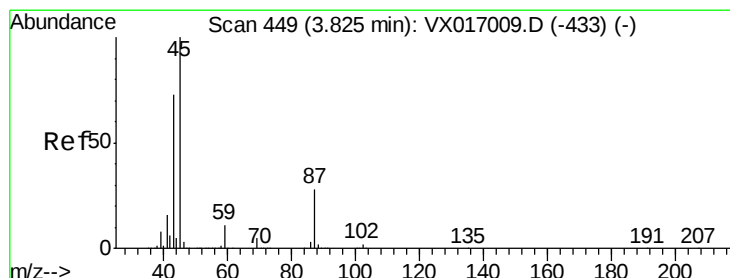
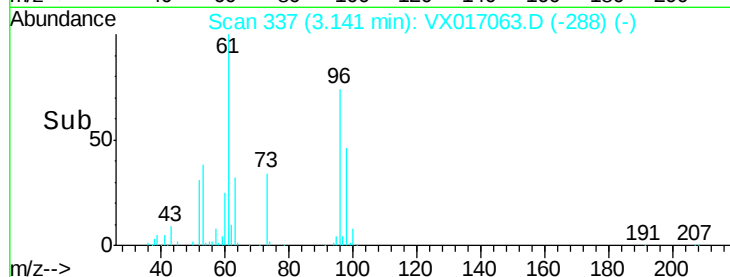
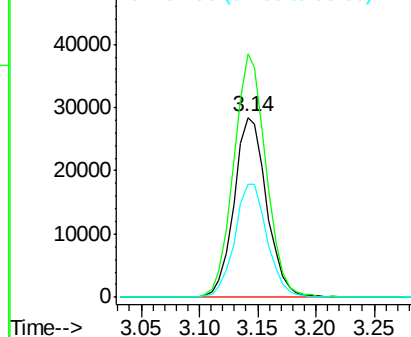


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.674 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion: 45 Resp: 171771

Ion Ratio Lower Upper

45 100

43 80.3 58.6 88.0

87 27.2 22.6 34.0

59 11.2 8.7 13.1

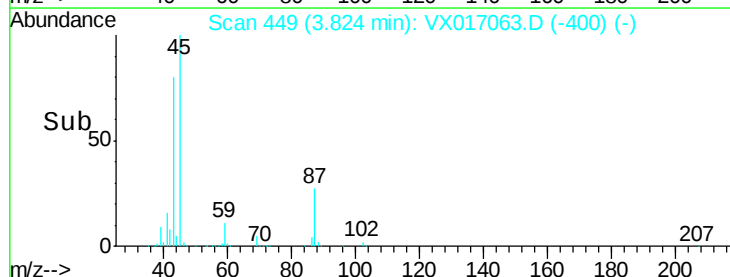
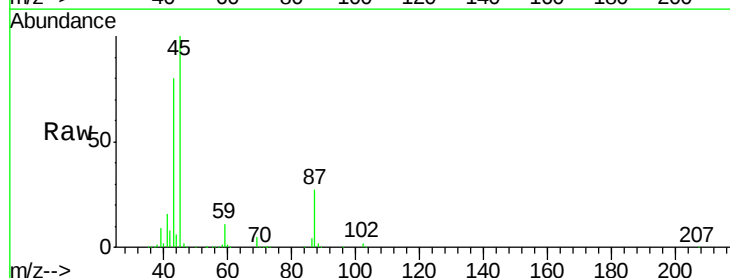
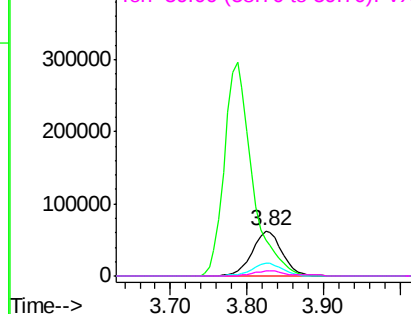
Abundance

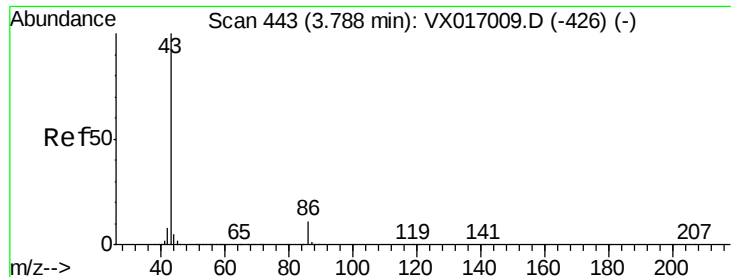
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.727 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 43 Resp: 748184

Ion Ratio Lower Upper

43 100

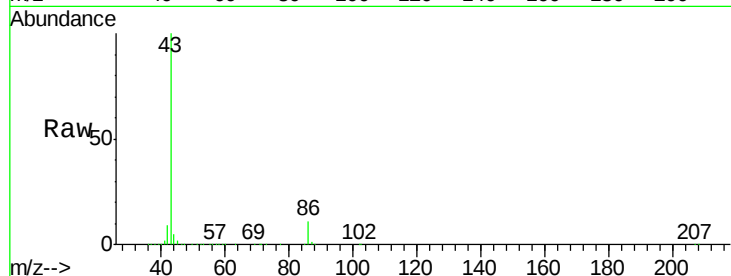
86 11.0 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

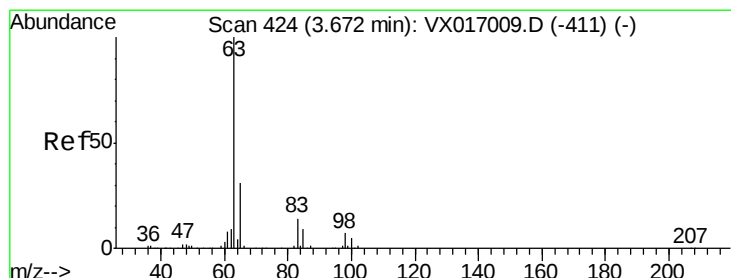
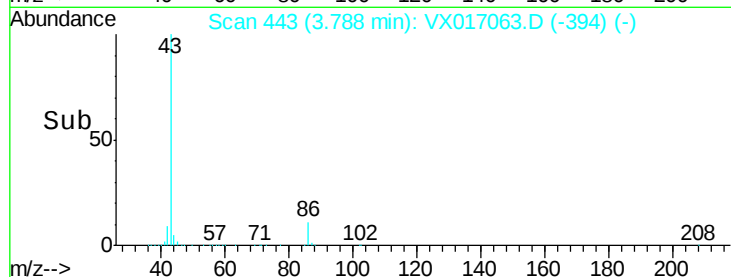
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.347 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

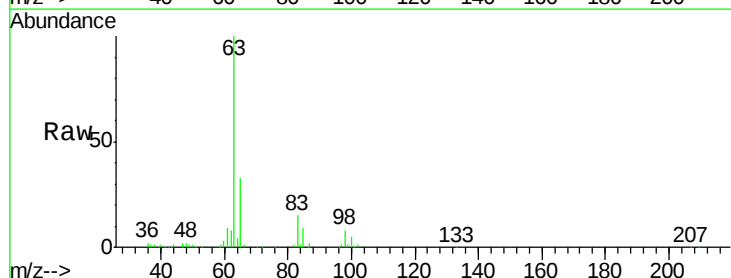
Tgt Ion: 63 Resp: 96112

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

50000

40000

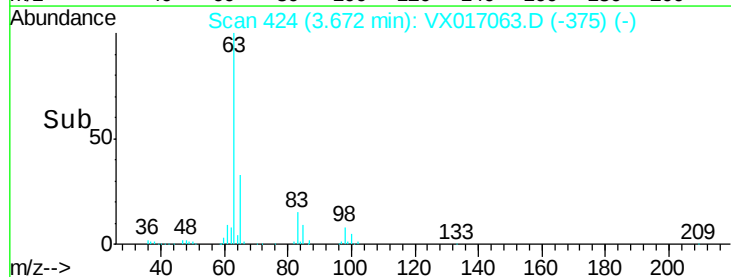
30000

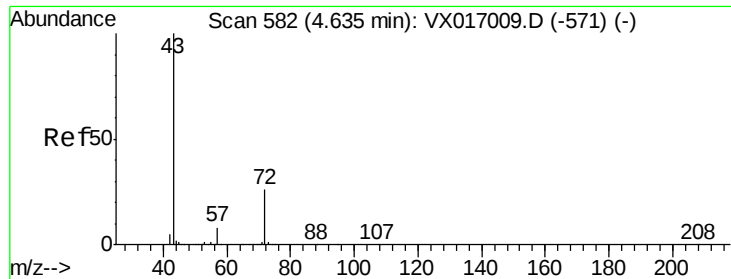
20000

10000

0

Time-->





#25

2-Butanone

Concen: 98.566 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 43 Resp: 195408

Ion Ratio Lower Upper

43 100

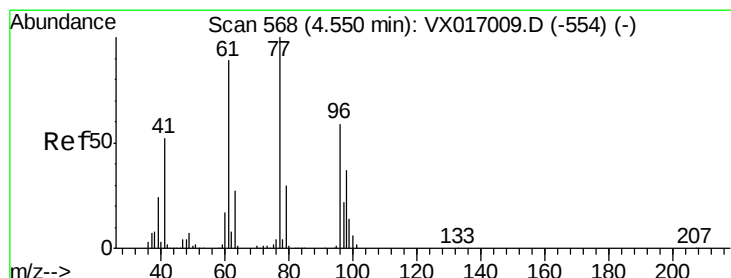
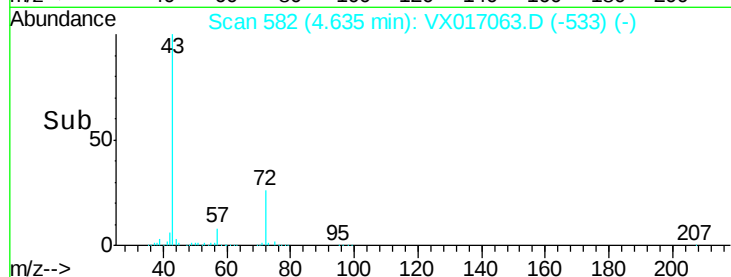
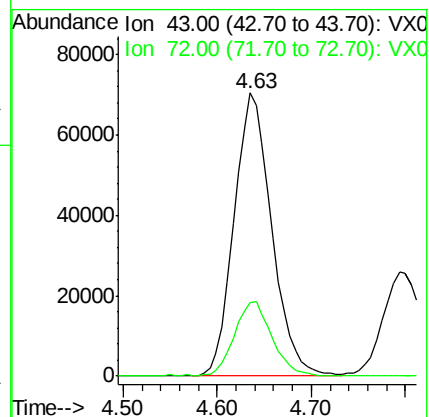
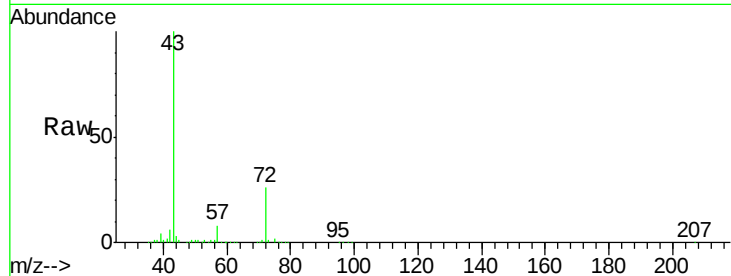
72 25.6 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.725 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017063.D

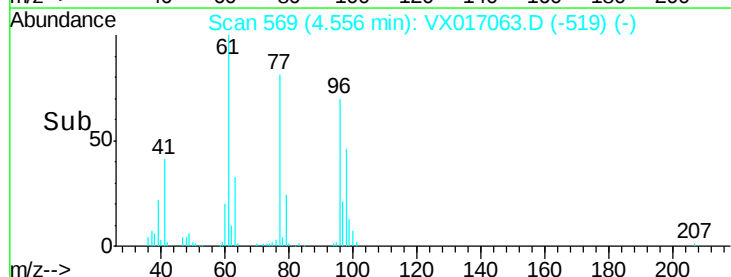
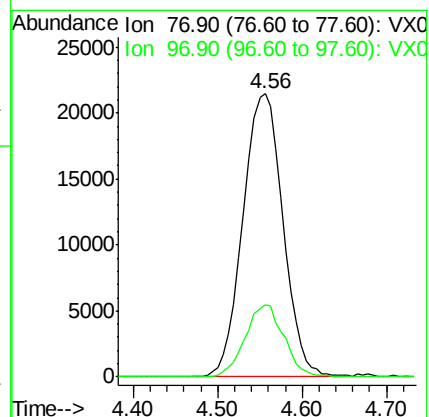
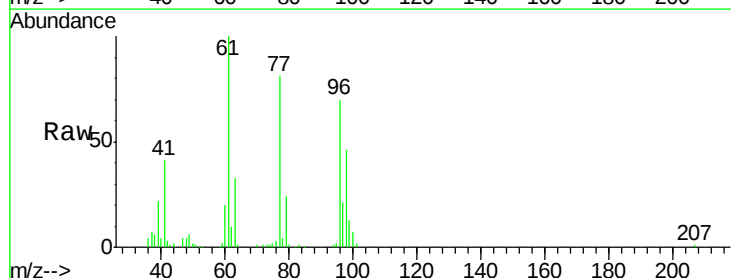
Acq: 30 Jun 2020 23:13

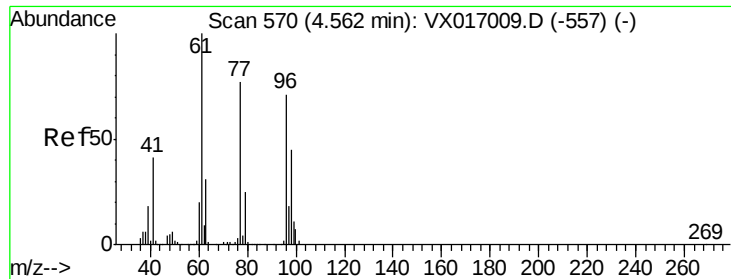
Tgt Ion: 77 Resp: 69362

Ion Ratio Lower Upper

77 100

97 24.6 11.4 34.2





#27

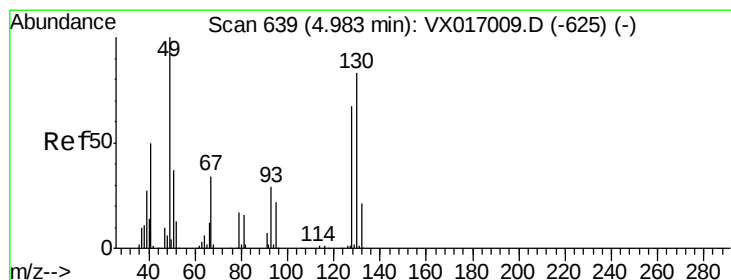
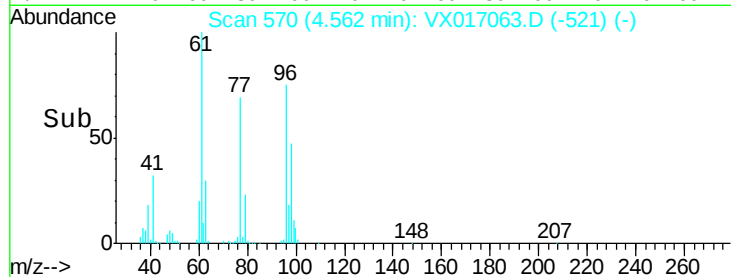
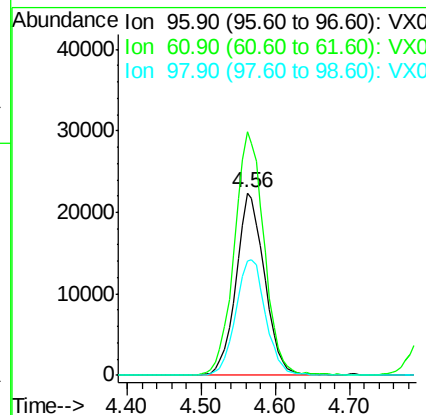
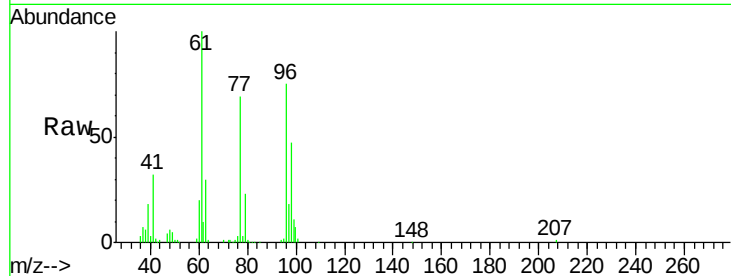
cis-1,2-Dichloroethene
Concen: 18.729 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	282.8
98	66.1	0.0	127.6

Manual Integrations
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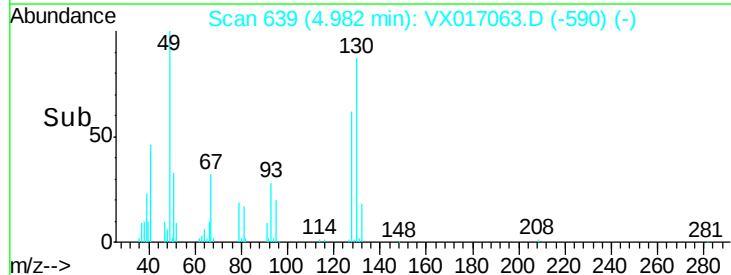
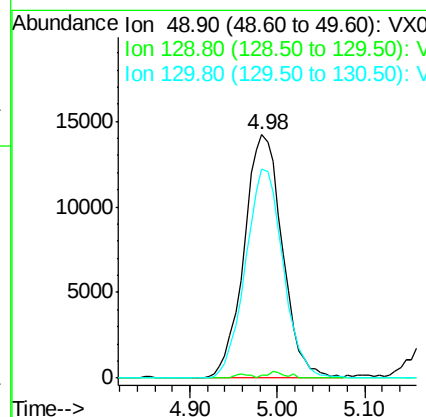
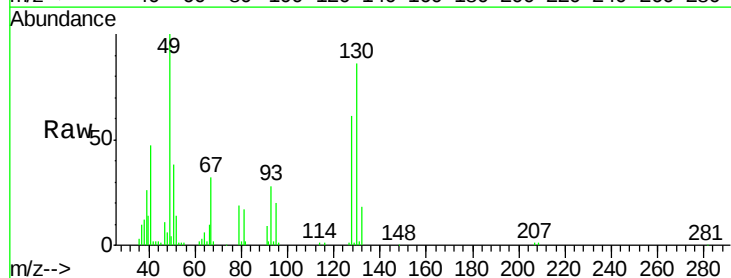
MMDadoda
7/1/2020 10:48:57 AM

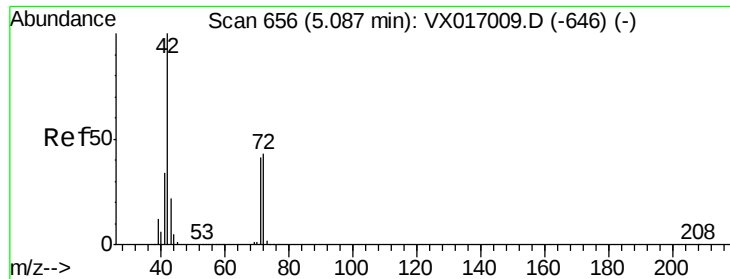


#28

Bromochloromethane
Concen: 17.919 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.2
130	84.5	66.6	100.0





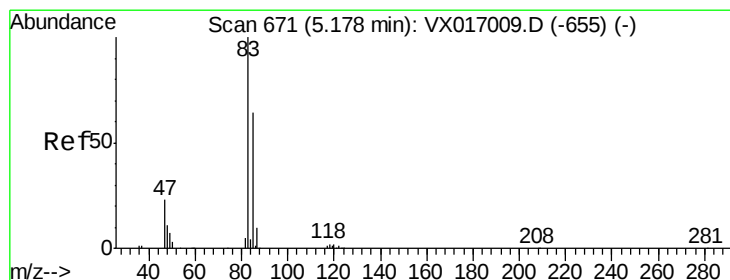
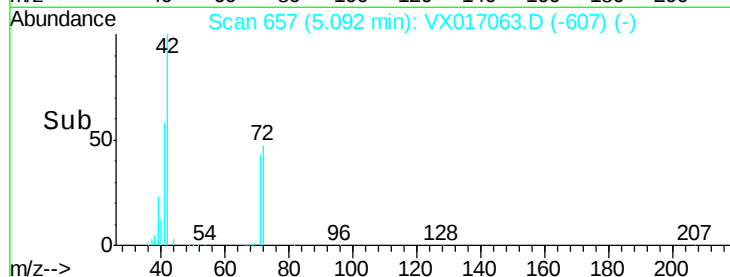
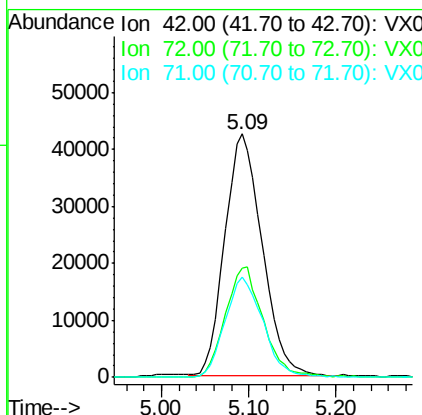
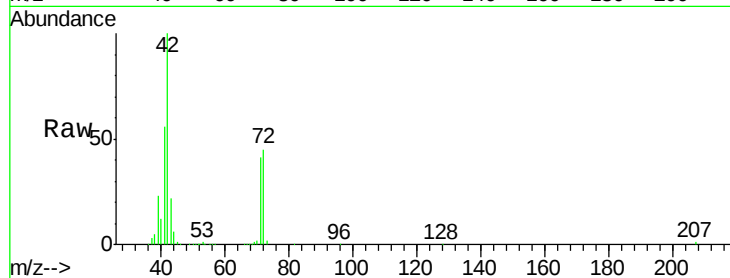
#29
Tetrahydrofuran
Concen: 96.446 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	35.3	52.9
71	42.2	33.1	49.7

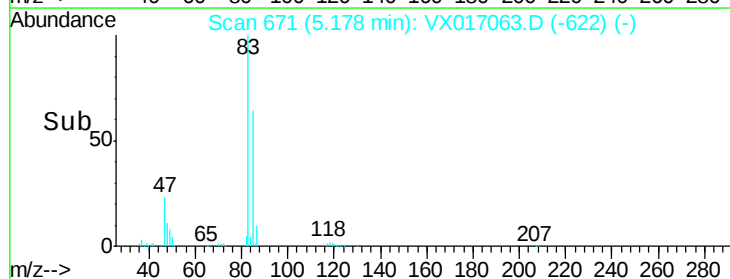
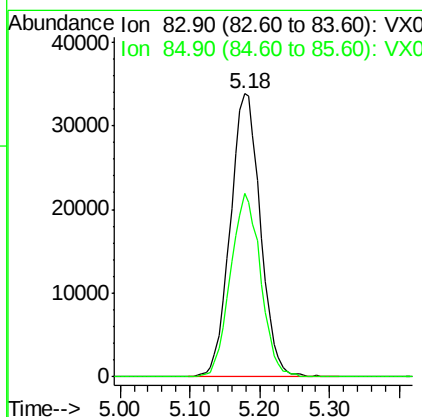
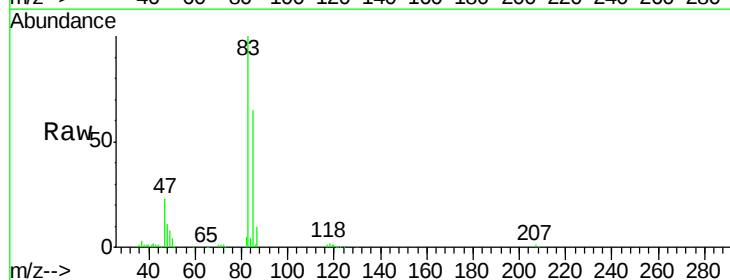
Manual Integrations
APPROVED

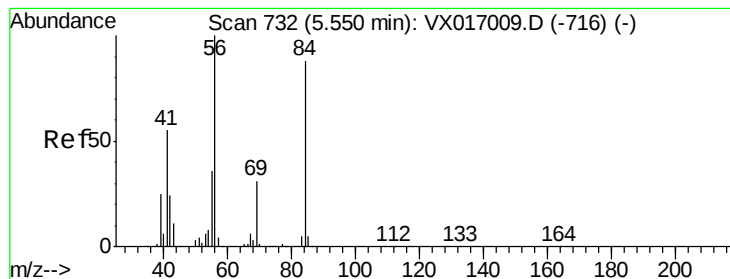
MMDadoda
7/1/2020 10:48:57 AM



#30
Chloroform
Concen: 19.810 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.2





#31

Cvclohexane

Concen: 19.186 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

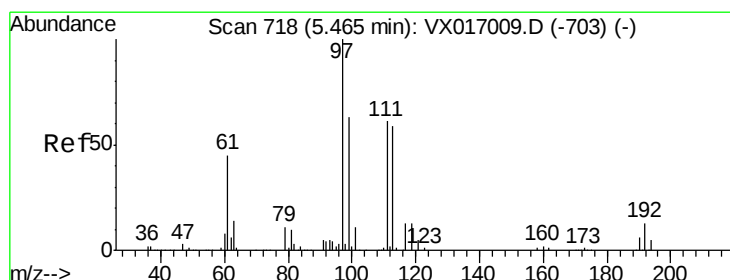
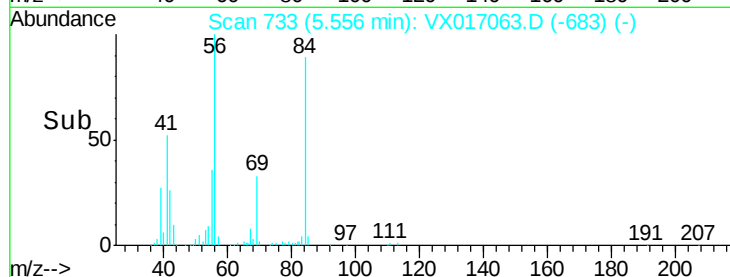
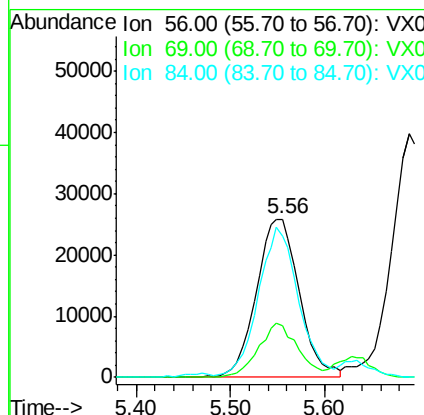
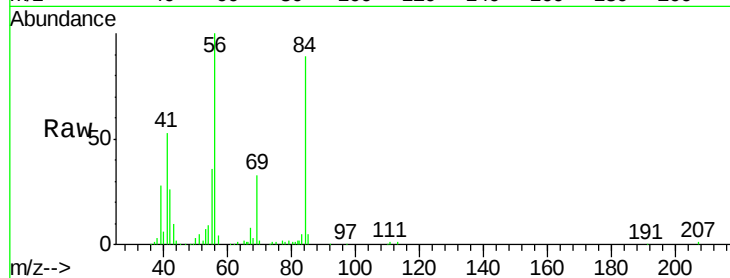
ClientSampleId :

VX0630WBSD02

Tot Ion:	56	Resp:	82384
Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.0	37.4
84	87.5	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.195 ug/l

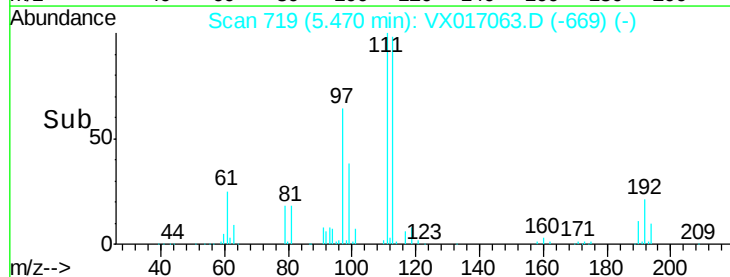
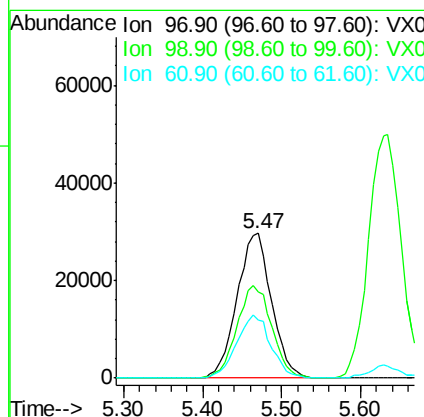
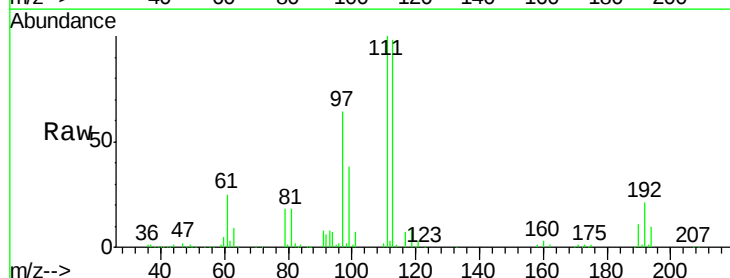
RT: 5.47 min Scan# 719

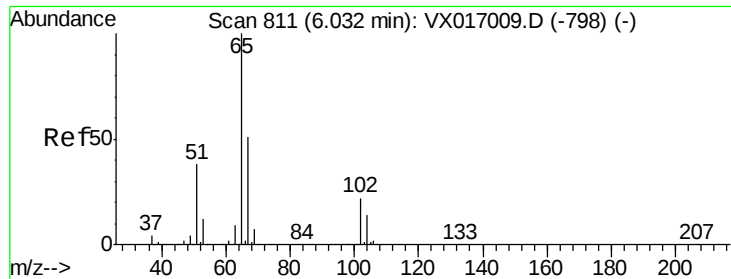
Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion:	97	Resp:	90022
Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.8	76.2
61	43.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 51.496 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD02

Tot Ion: 65 Resp: 163785

Ion Ratio Lower Upper

65 100

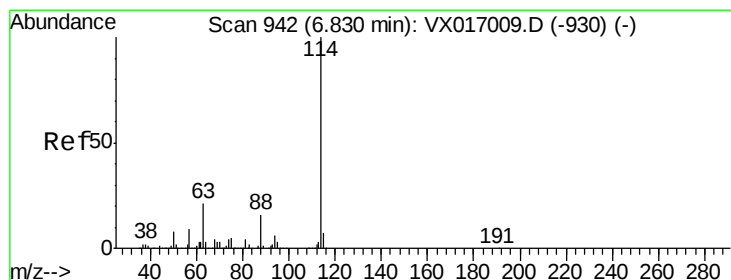
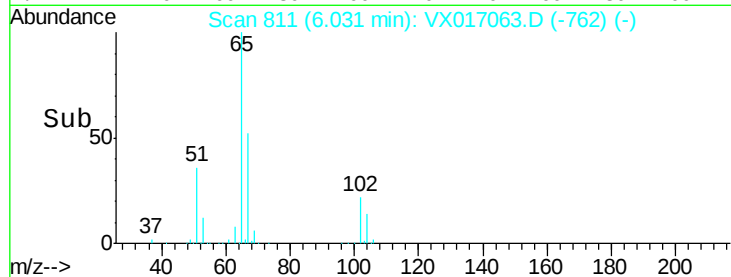
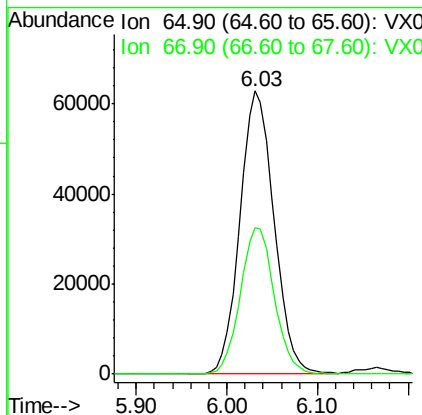
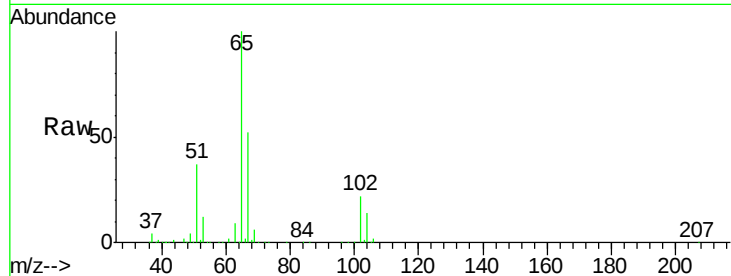
67 51.5 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

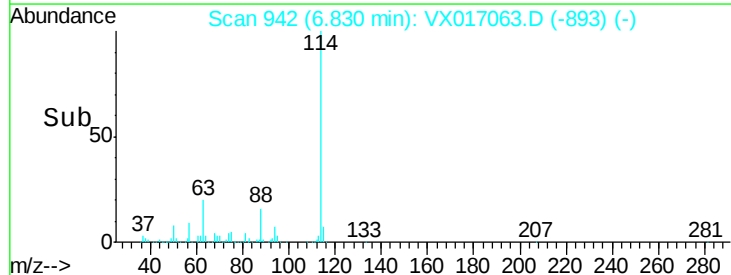
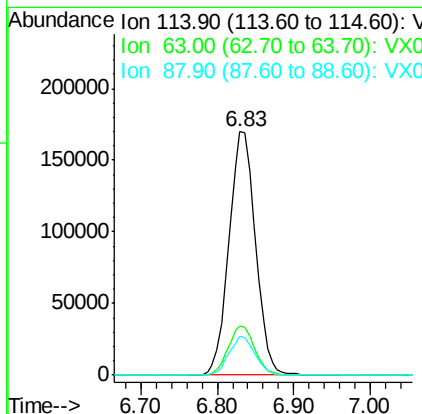
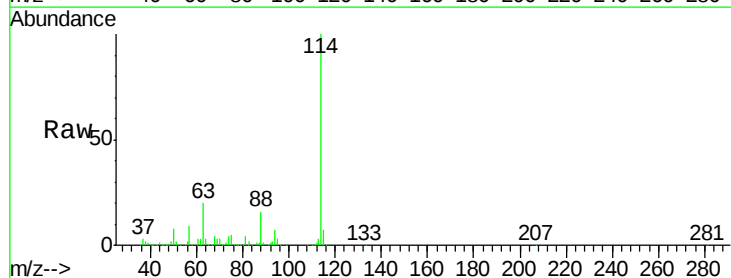
Tgt Ion: 114 Resp: 408939

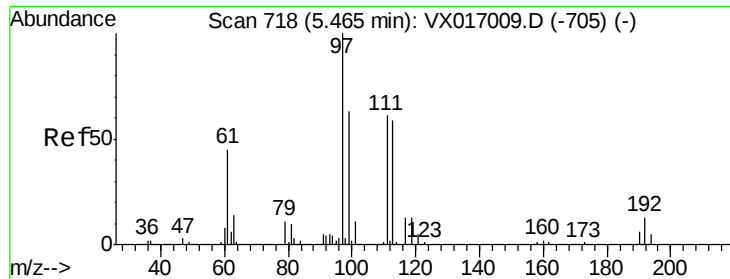
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

88 16.0 0.0 32.4





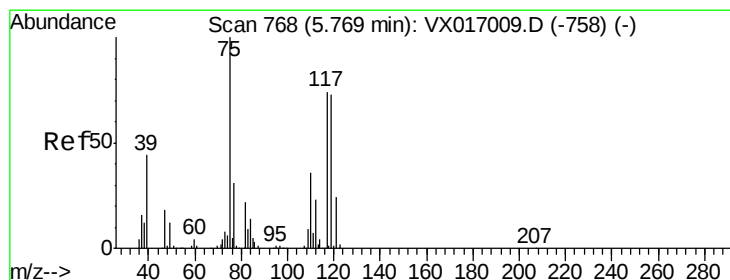
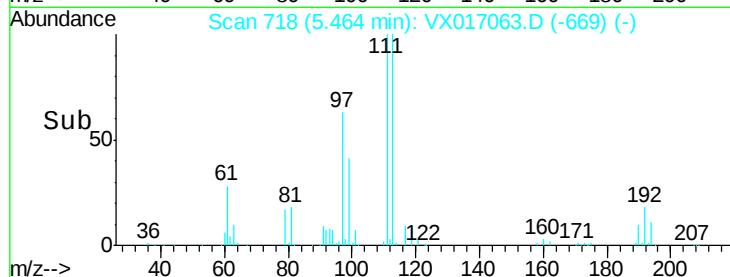
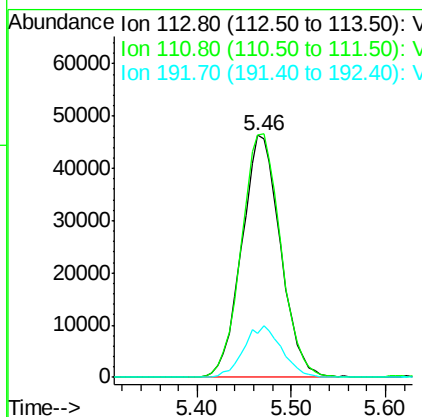
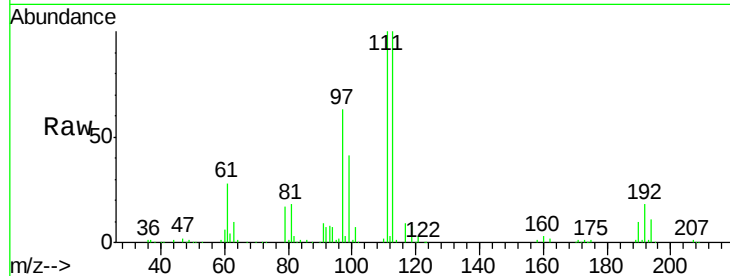
#35
 Dibromofluoromethane
 Concen: 51.436 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133057		
111	102.3	81.9	122.9	
192	21.0	16.7	25.1	

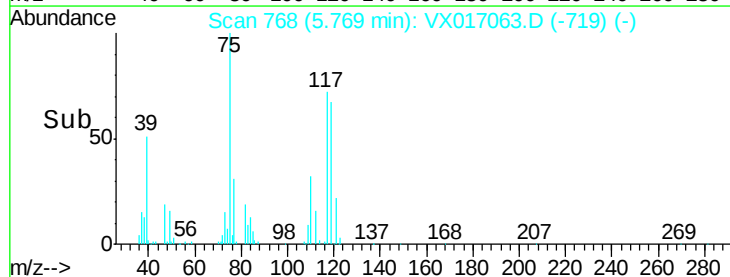
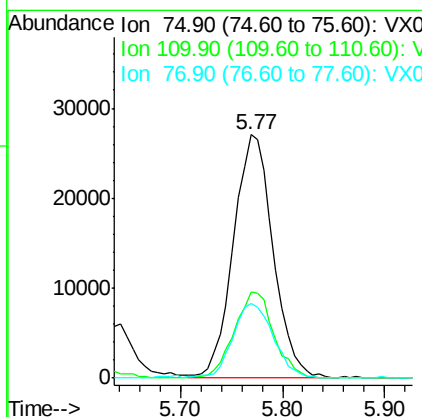
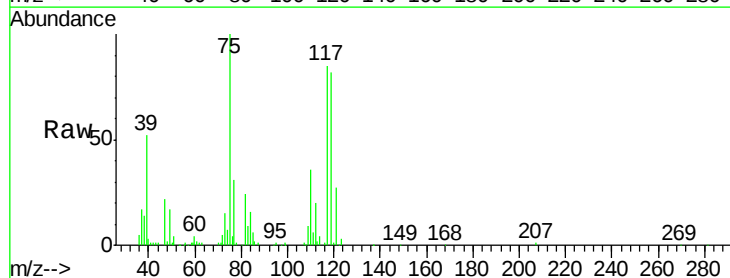
Manual Integrations
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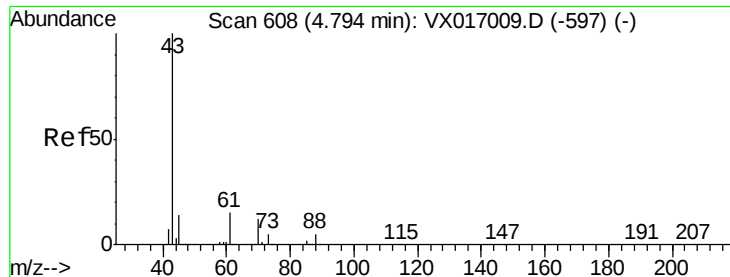
MMDadoda
 7/1/2020 10:48:57 AM



#36
 1,1-Dichloropropene
 Concen: 18.730 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72390		
110	35.8	18.1	54.1	
77	32.0	24.6	37.0	





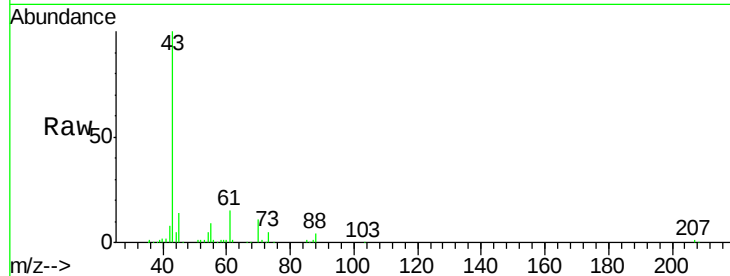
#37
Ethyl Acetate
Concen: 19.559 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.4
70	11.6	8.9	13.3

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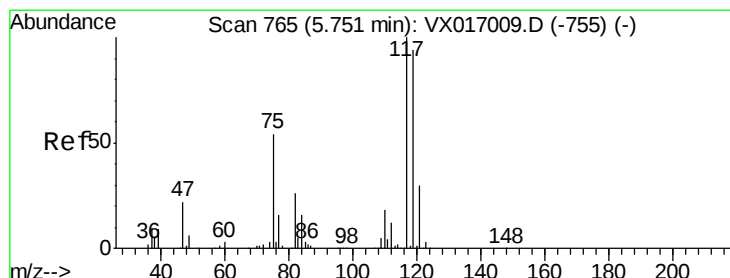
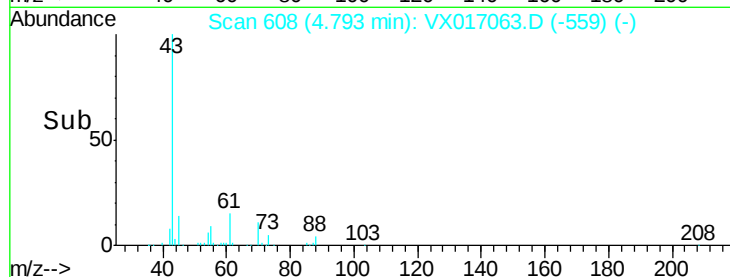
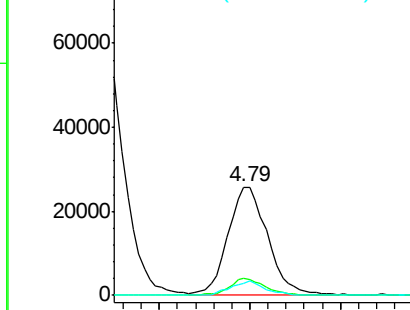


Abundance

Ion 43.00 (42.70 to 43.70): VX0

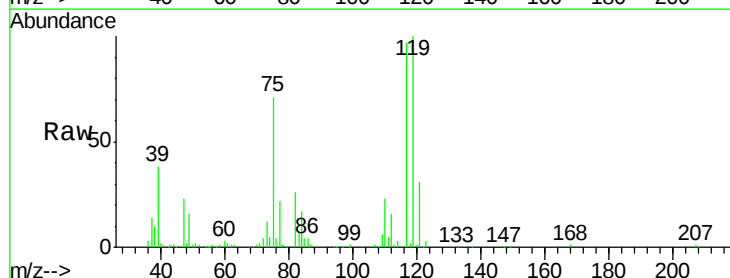
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.507 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.4	75.4	113.0
121	32.1	23.8	35.6

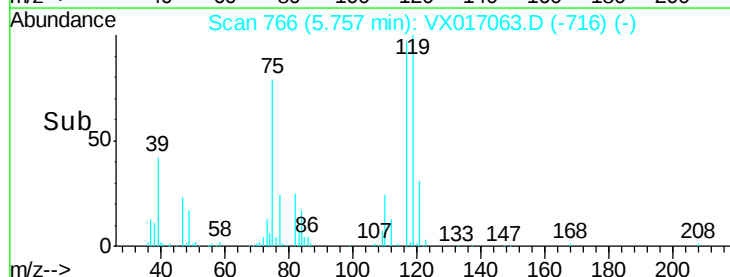
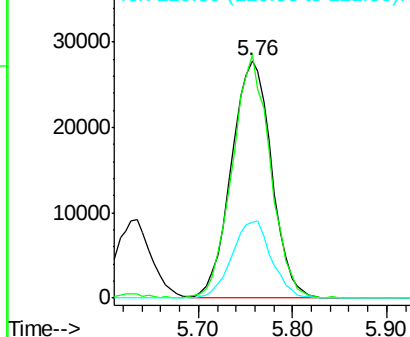


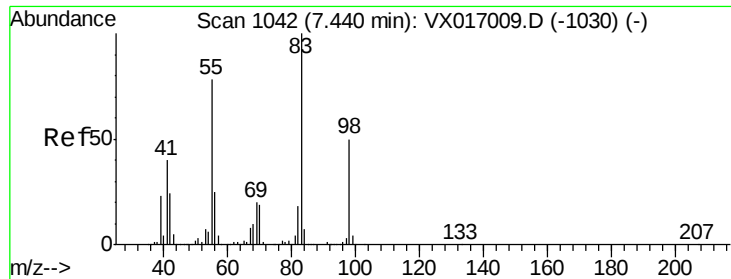
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





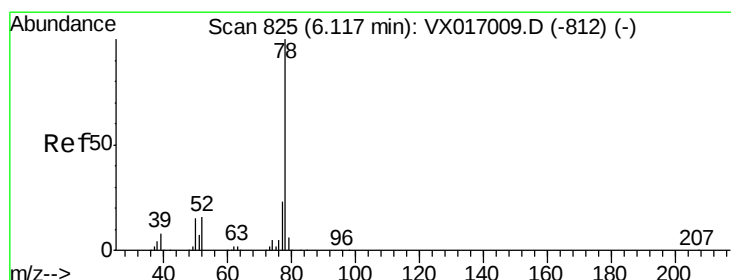
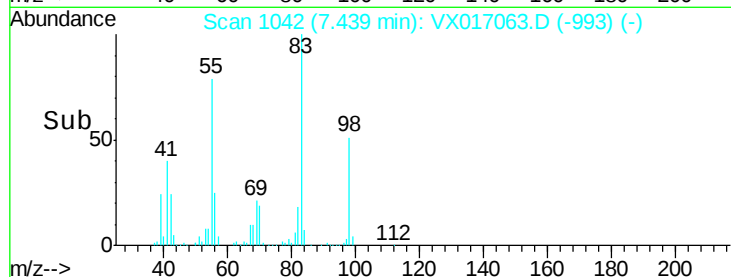
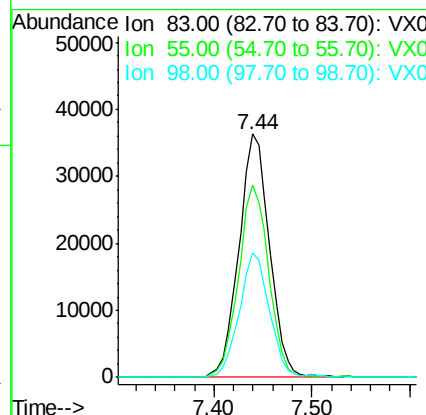
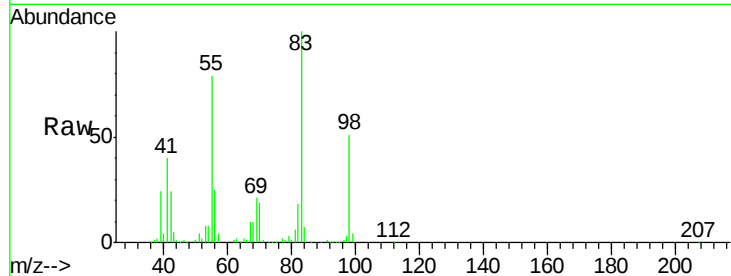
#39
Methylvlcyclohexane
Concen: 18.366 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	62.5	93.7
98	50.9	40.1	60.1

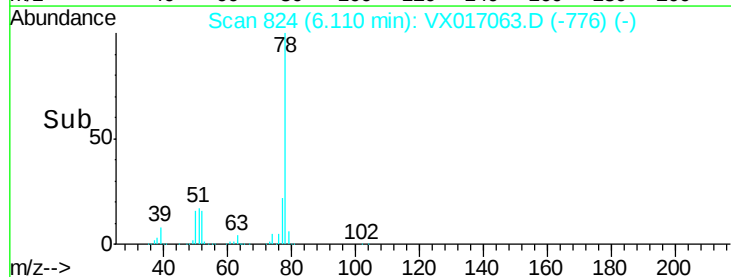
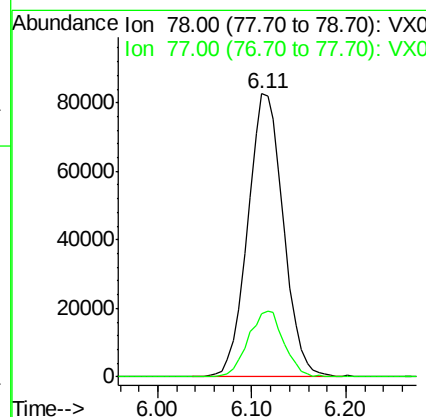
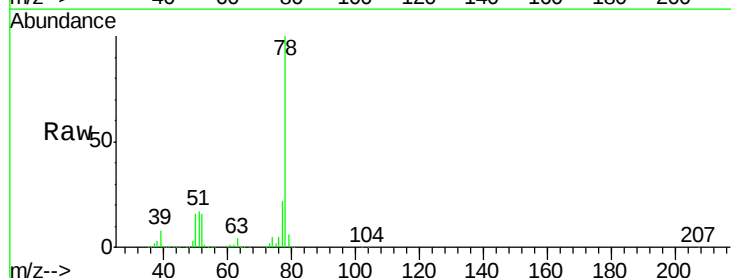
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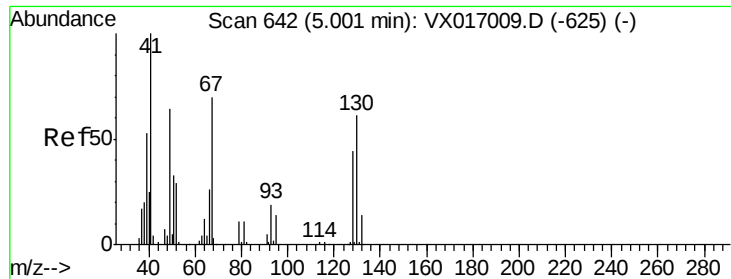
MMDadoda
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#40
Benzene
Concen: 19.280 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.3	27.5





#41

Methacrylonitrile

Concen: 19.133 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 41 Resp: 42228

Ion Ratio Lower Upper

41 100

39 54.6 44.4 66.6

67 73.2 57.1 85.7

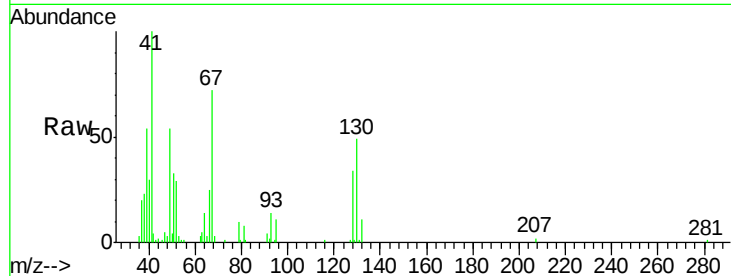
52 30.0 23.2 34.8

Manual Integrations

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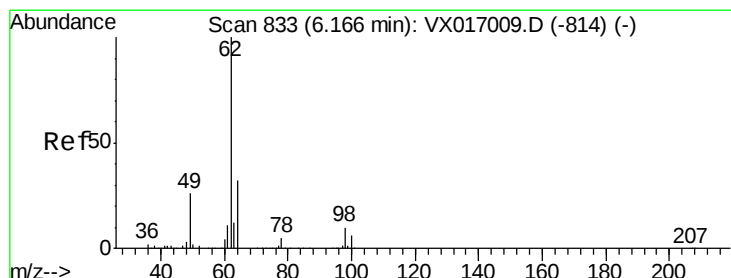
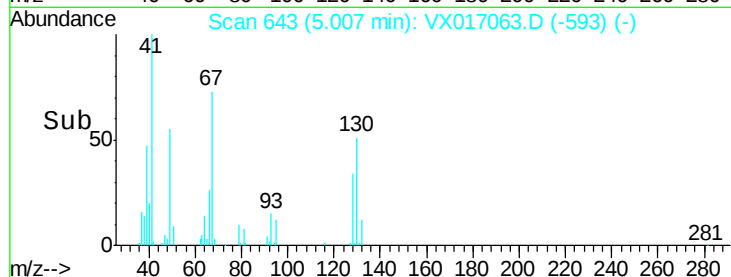
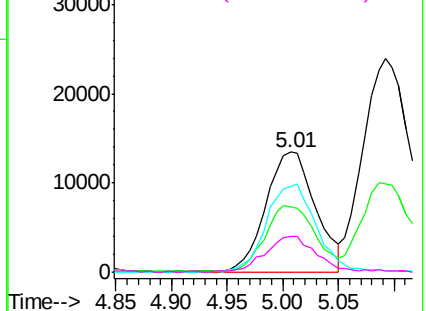


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.834 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017063.D

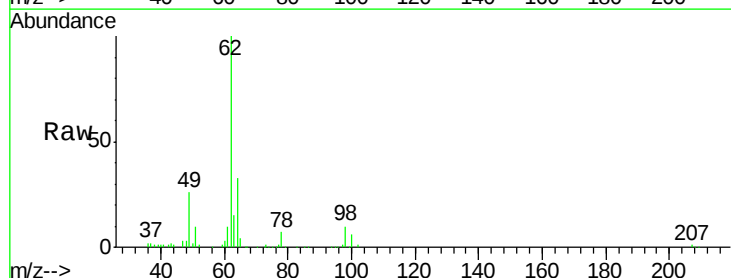
Acq: 30 Jun 2020 23:13

Tgt Ion: 62 Resp: 81357

Ion Ratio Lower Upper

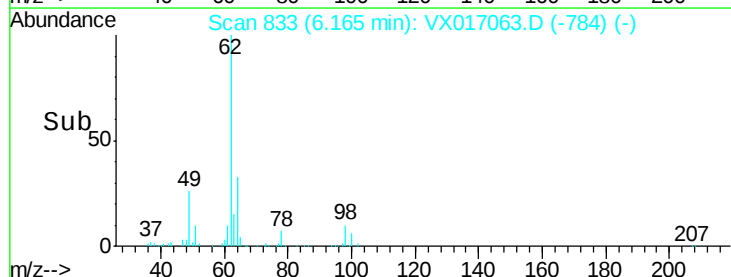
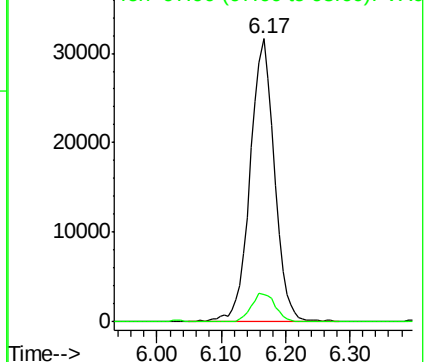
62 100

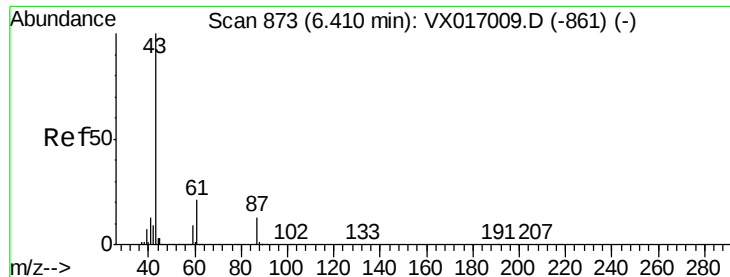
98 10.0 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.804 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

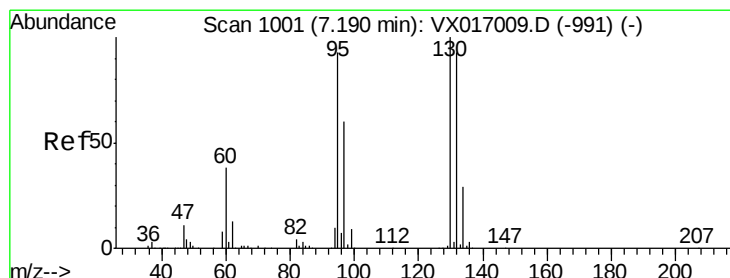
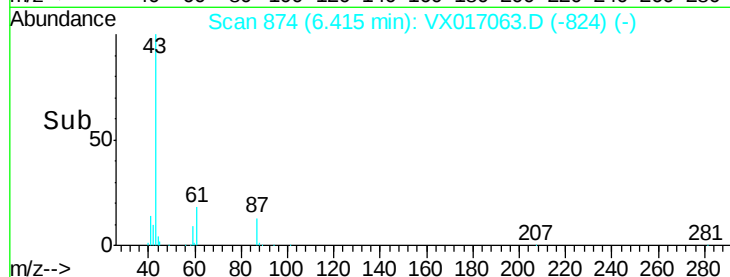
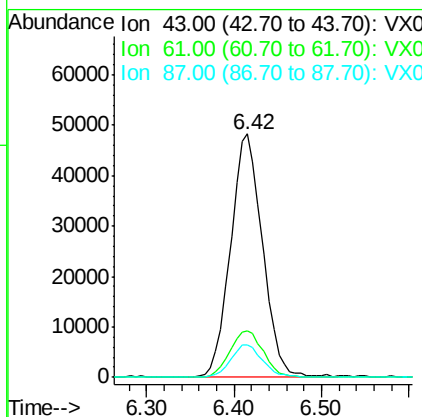
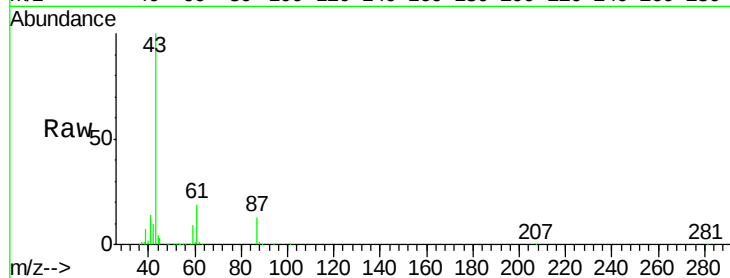
ClientSampleId :

VX0630WBSD02

Tot Ion:	43	Resp:	122535
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.5	10.7	16.1

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#44

Trichloroethene

Concen: 19.869 ug/l

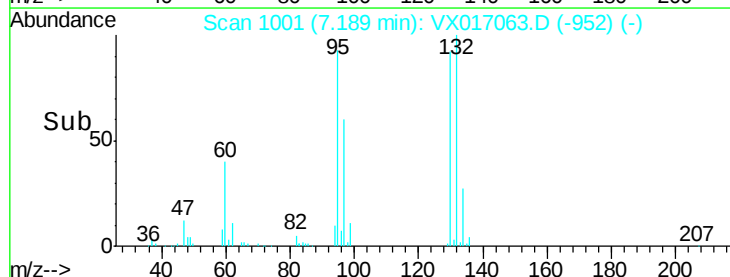
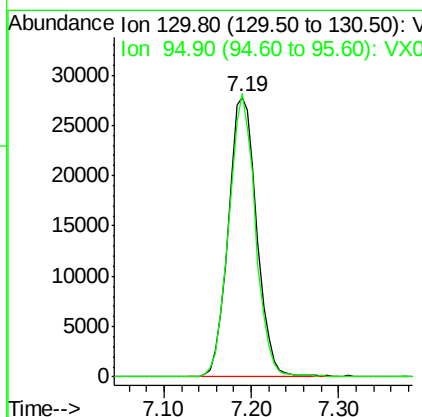
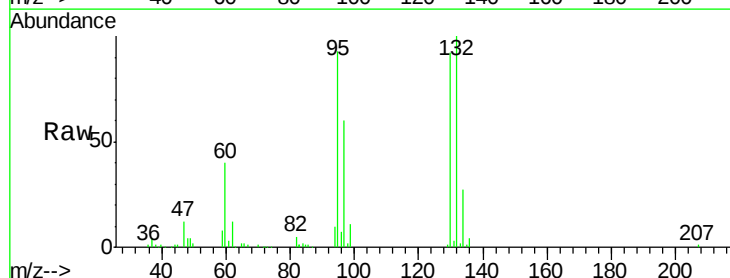
RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion:	130	Resp:	62846
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	185.0





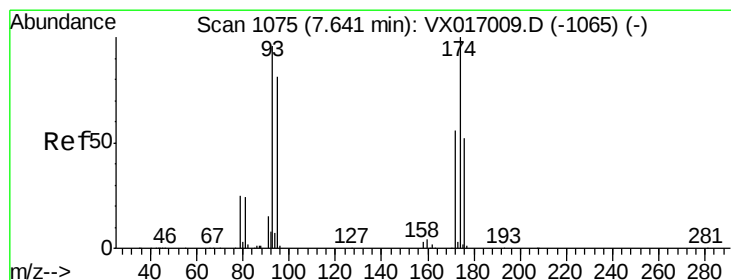
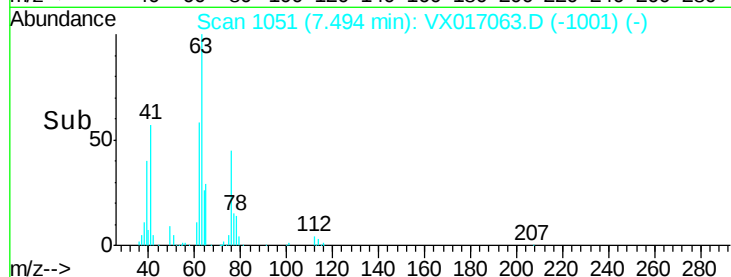
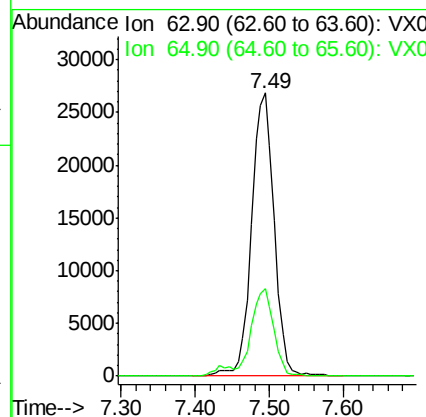
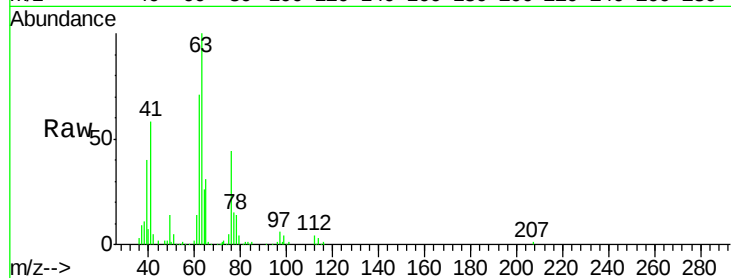
#45
 1,2-Dichloropropane
 Concen: 19.593 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	36.8

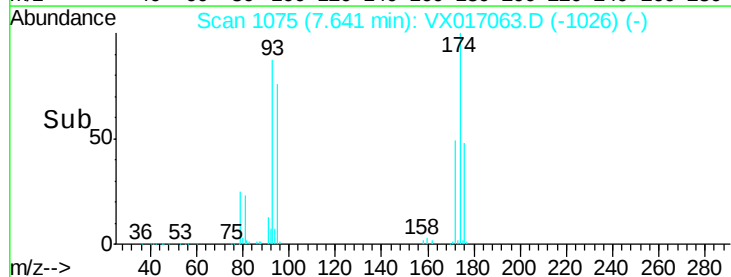
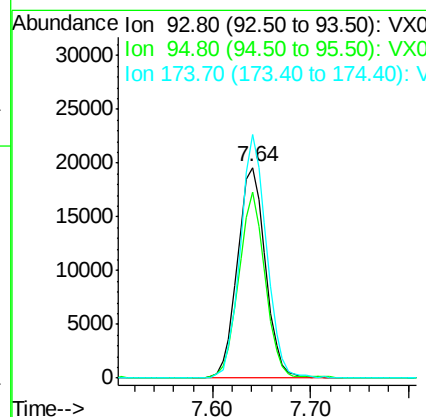
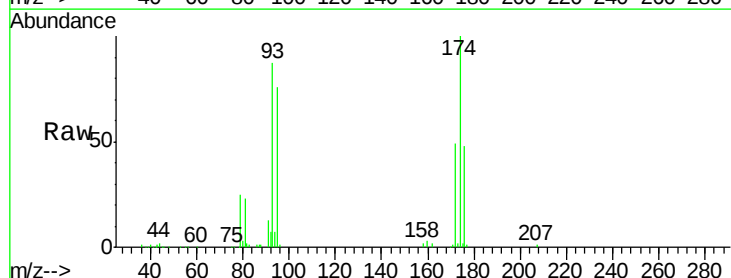
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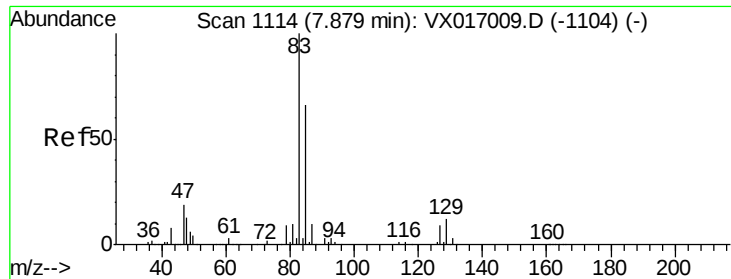
MMDadoda
 7/1/2020 10:48:57 AM



#46
 Dibromomethane
 Concen: 19.578 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.4	101.0
174	108.4	84.3	126.5





#47

Bromodichloromethane

Concen: 19.469 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

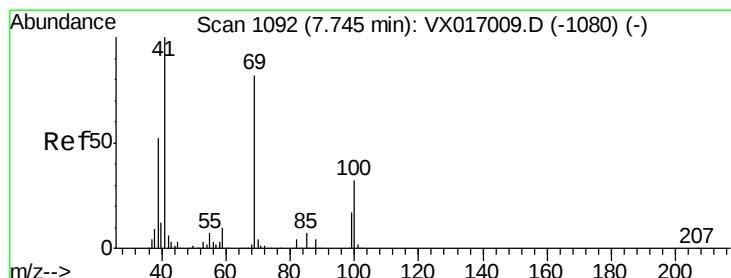
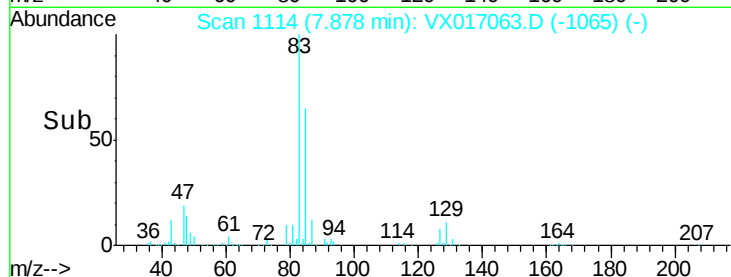
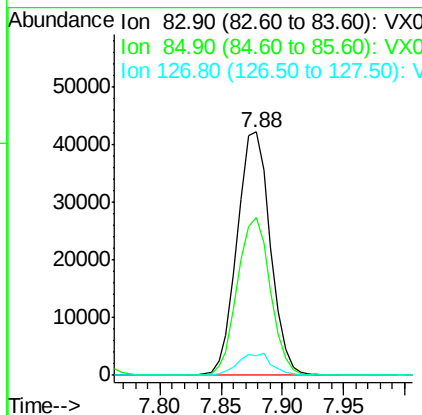
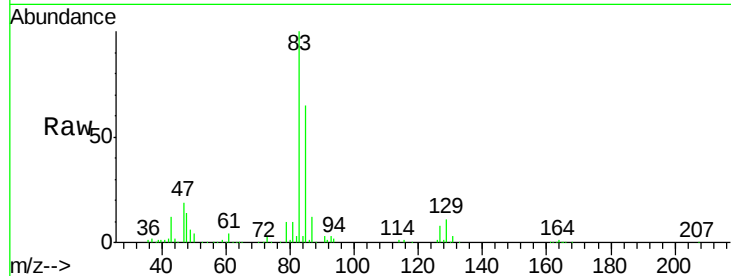
ClientSampleId :

VX0630WBSD02

Tot Ion:	83	Resp:	79896
Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.0	79.4
127	8.2	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.632 ug/l

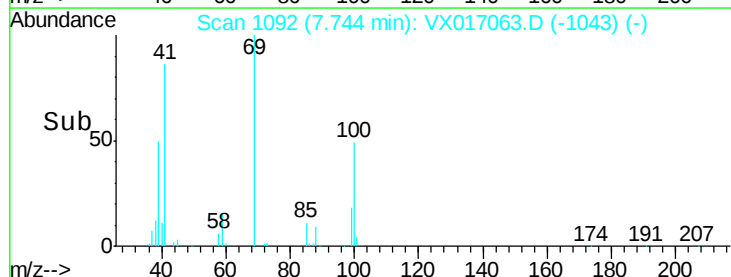
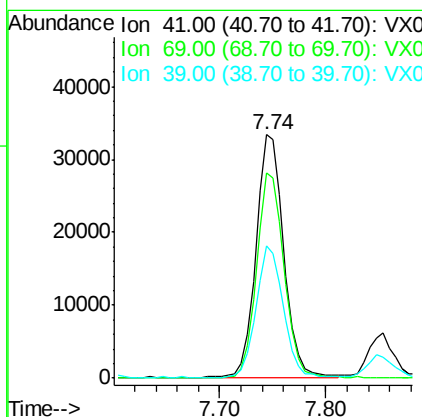
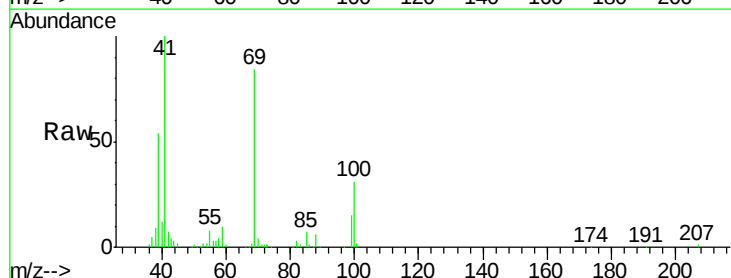
RT: 7.74 min Scan# 1092

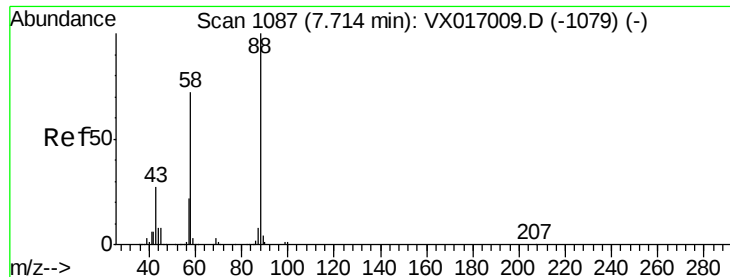
Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion:	41	Resp:	60779
Ion	Ratio	Lower	Upper
41	100		
69	84.3	65.8	98.8
39	54.3	42.5	63.7





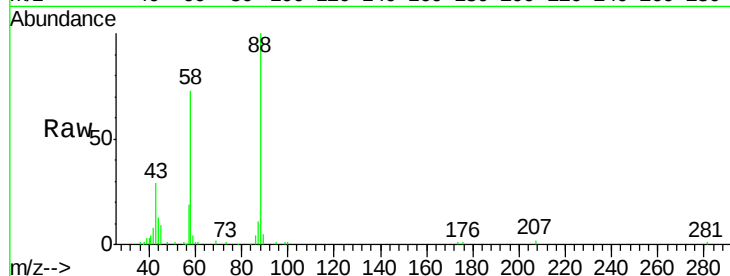
#49
1,4-Dioxane
Concen: 379.464 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.8	38.8
58	71.5	54.8	82.2

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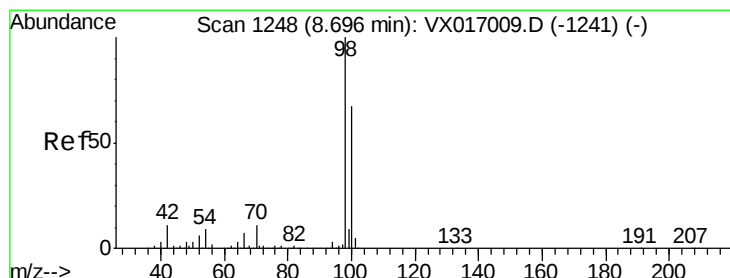
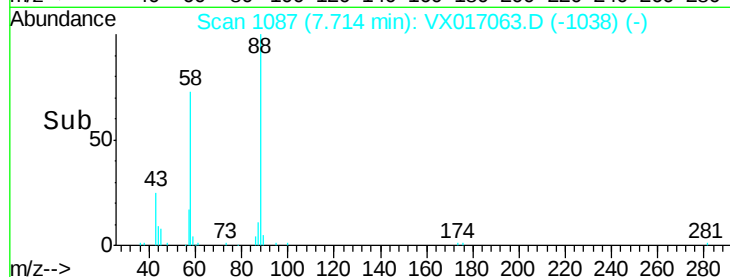
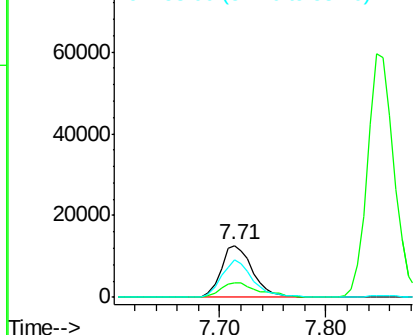


Abundance

Ion 88.00 (87.70 to 88.70): VX0

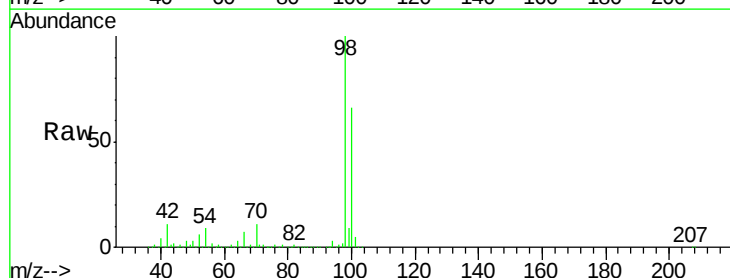
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.695 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

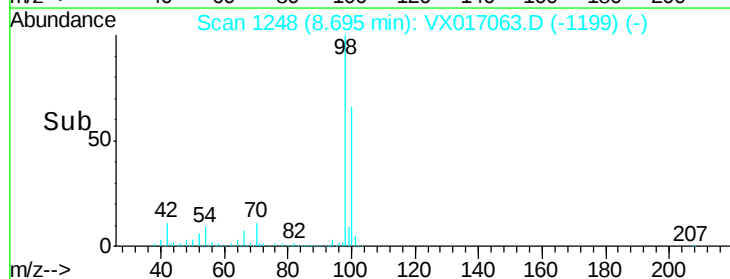
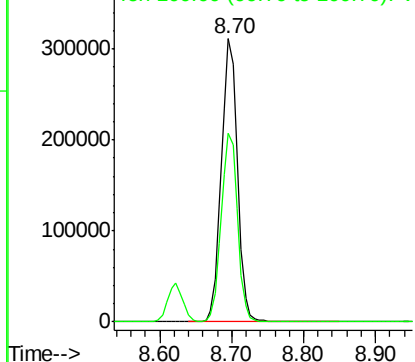
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.8	80.6

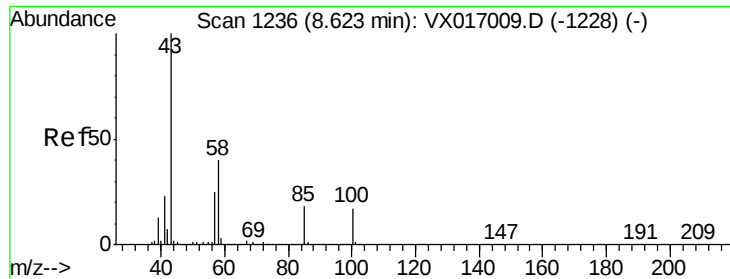


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





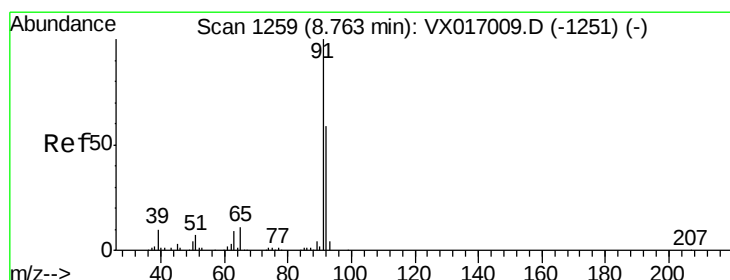
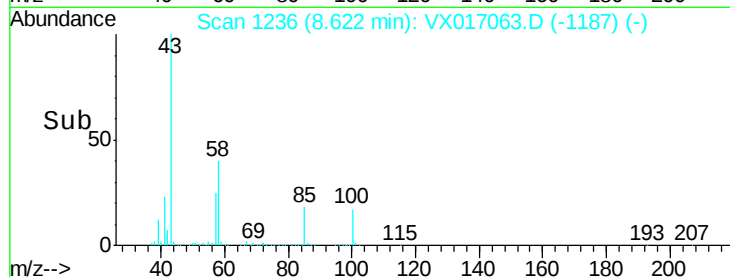
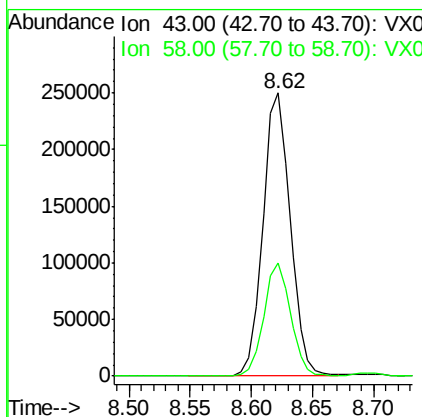
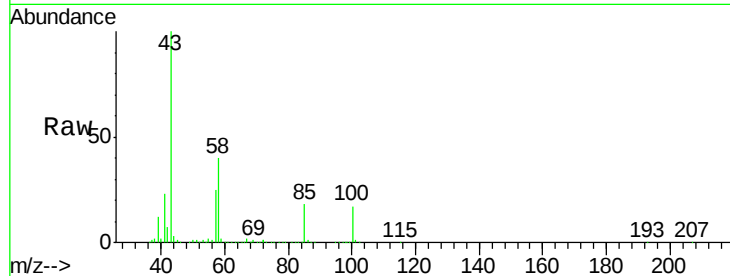
#51
4-Methyl-2-Pentanone
Concen: 100.357 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.9	47.9

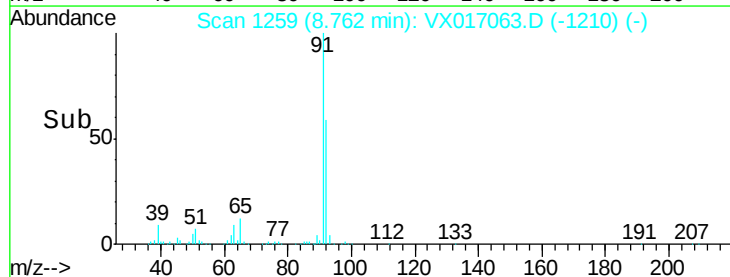
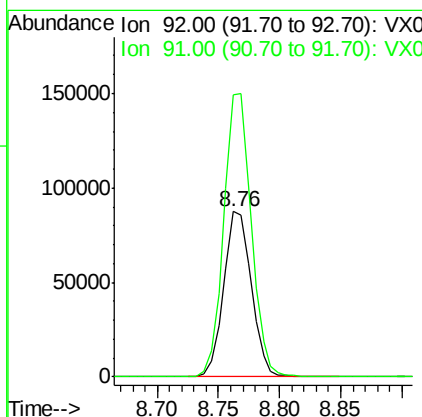
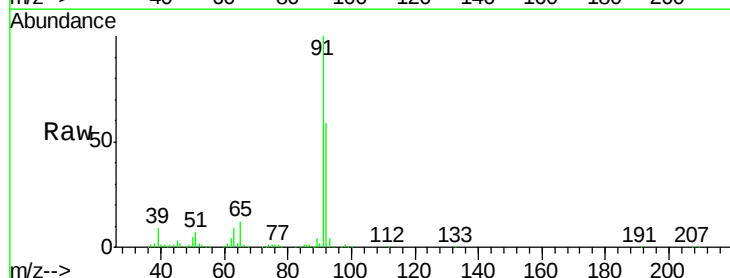
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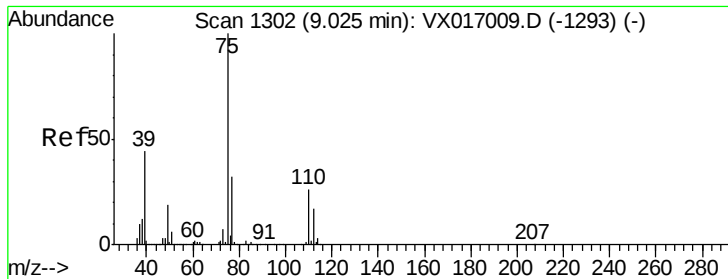
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#52
Toluene
Concen: 19.368 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.3	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 18.479 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 75 Resp: 83666

Ion Ratio Lower Upper

75 100

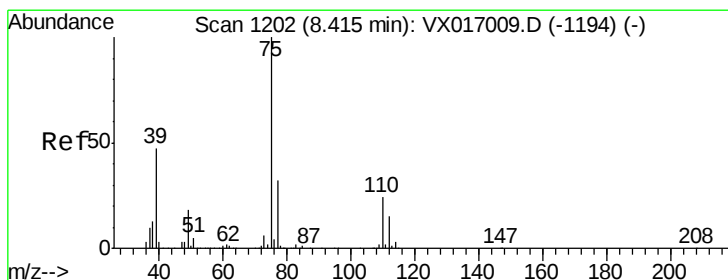
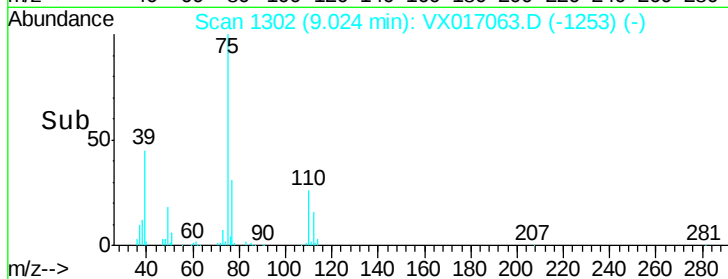
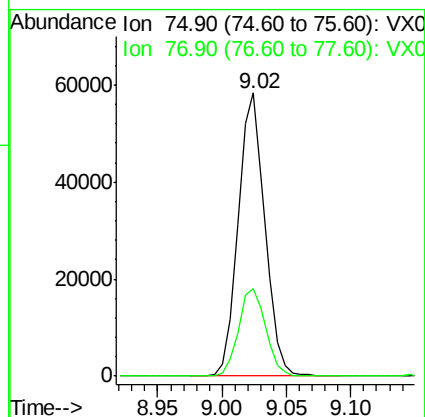
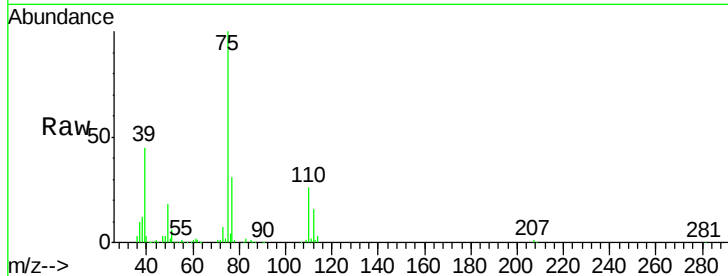
77 30.8 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.585 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

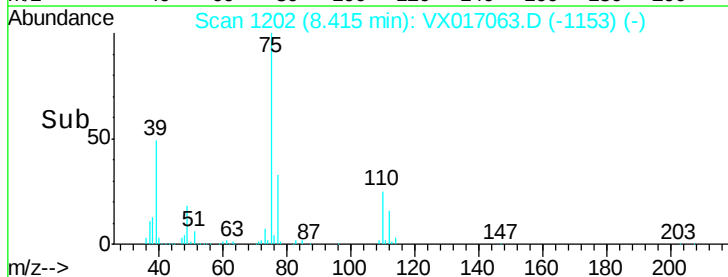
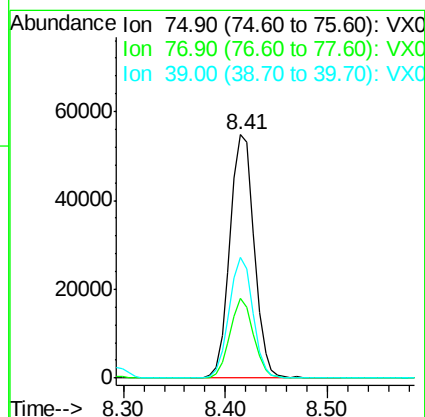
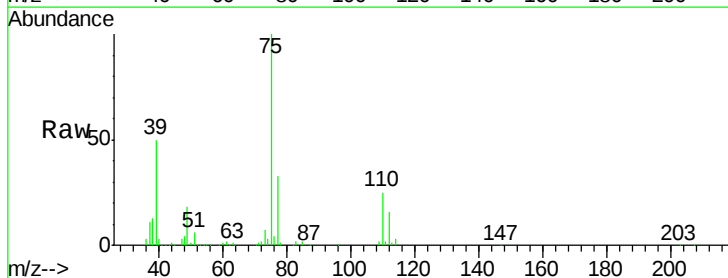
Tgt Ion: 75 Resp: 90207

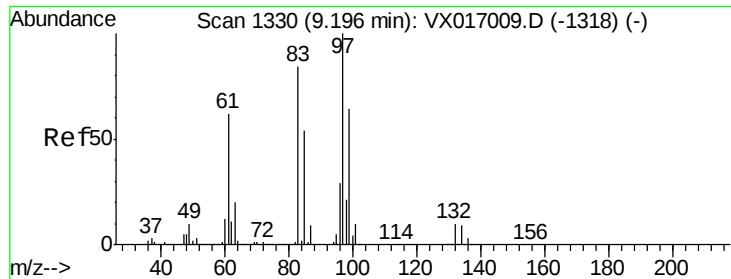
Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

39 49.4 37.4 56.2





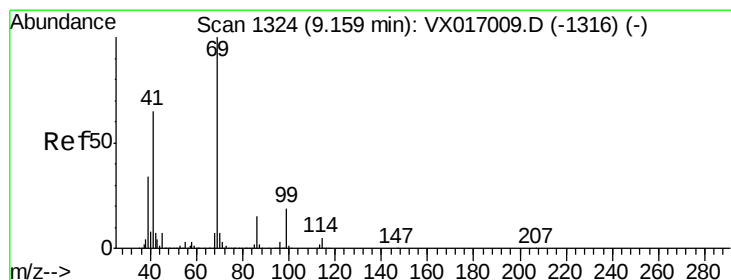
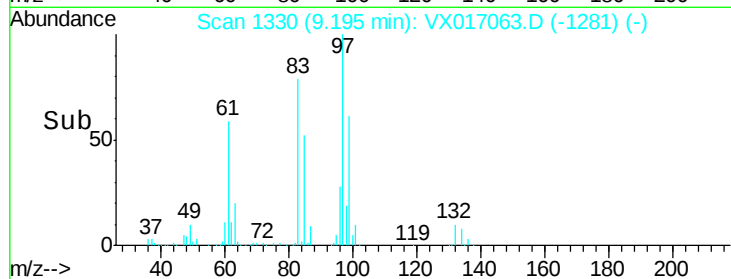
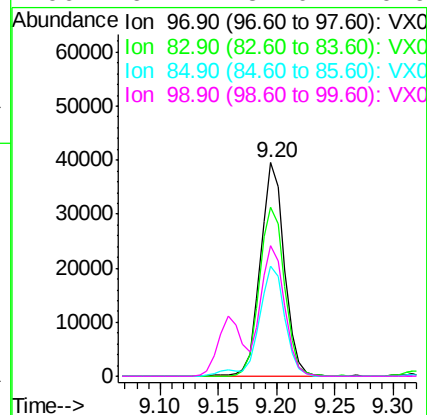
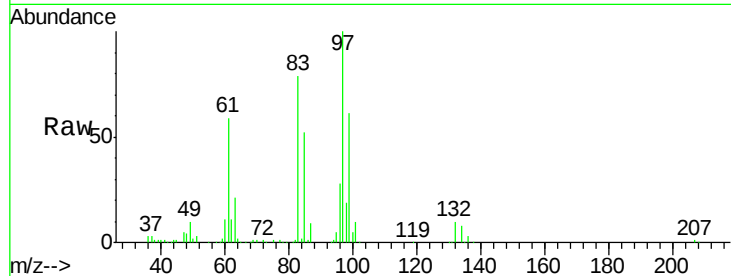
#55
 1,1,2-Trichloroethane
 Concen: 19.653 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Tot Ion:	97	Resp:	56931
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.0	100.6
85	51.7	43.5	65.3
99	61.4	51.0	76.6

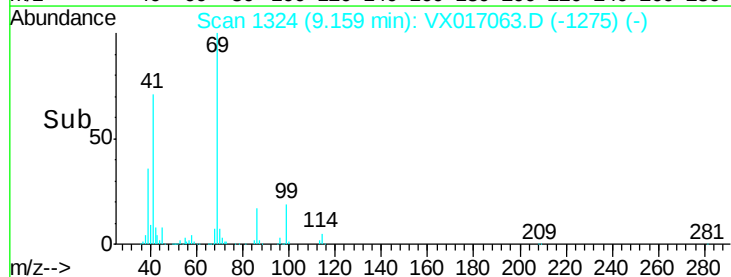
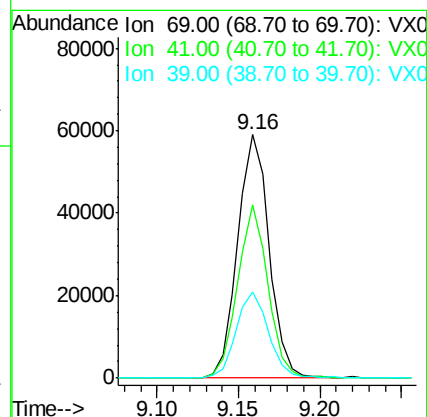
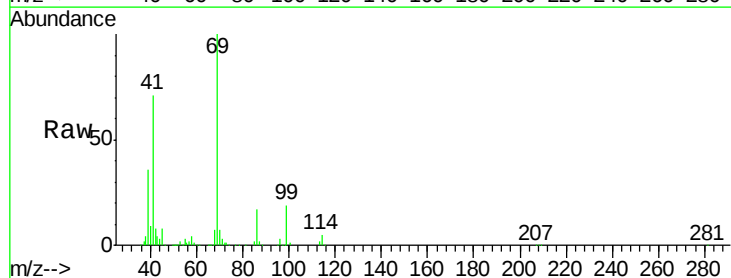
Manual Integrations
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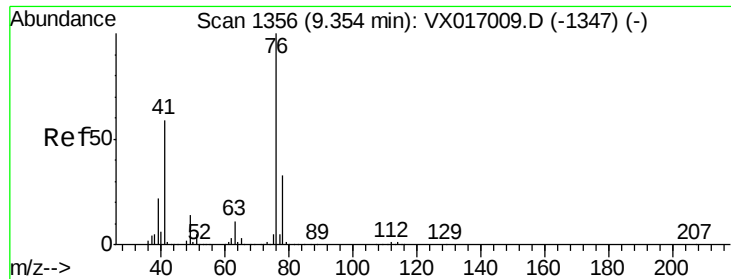
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#56
 Ethyl methacrylate
 Concen: 19.305 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion:	69	Resp:	79595
Ion	Ratio	Lower	Upper
69	100		
41	68.1	53.6	80.4
39	35.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.264 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 76 Resp: 94426

Ion Ratio Lower Upper

76 100

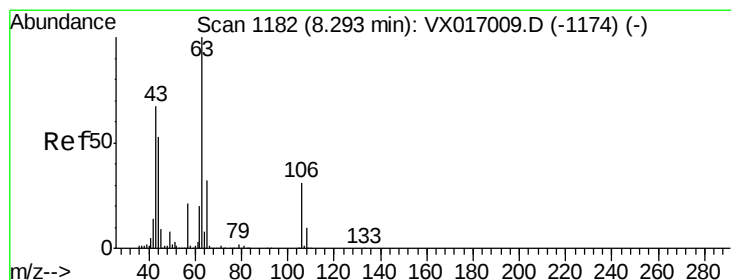
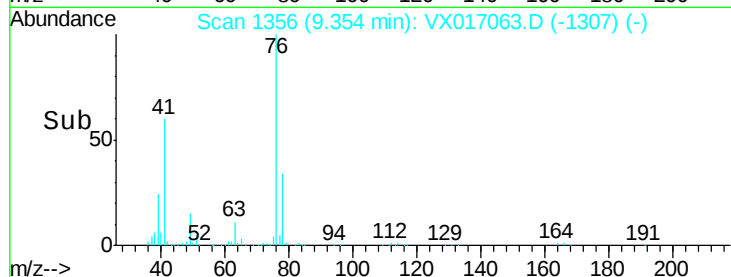
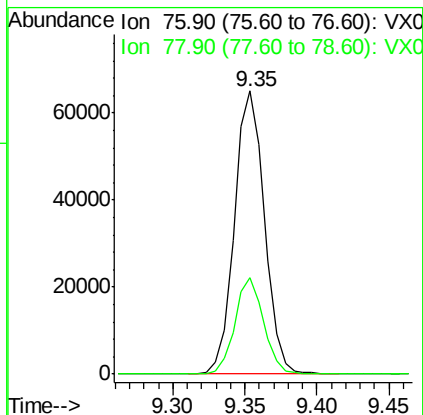
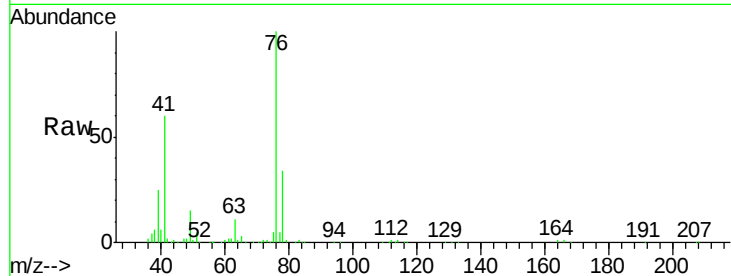
78 32.8 25.9 38.9

Manual Integrations

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7/1/2020 10:48:57 AM



#58

2-Chloroethyl Vinyl ether

Concen: 100.857 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017063.D

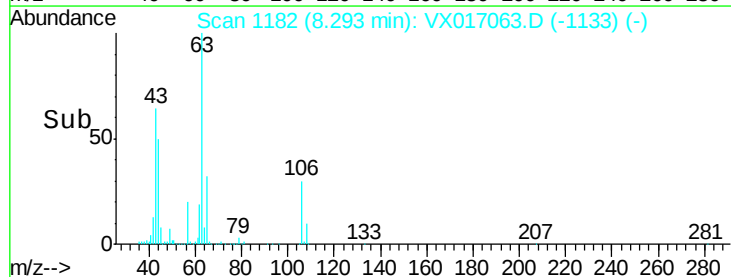
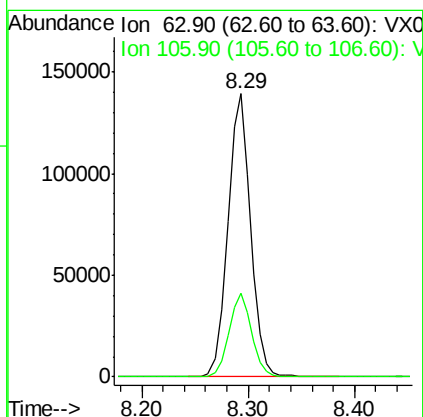
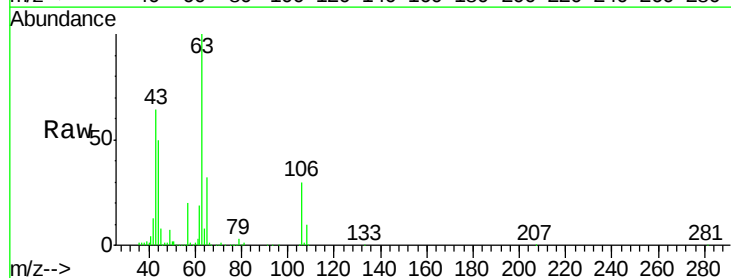
Acq: 30 Jun 2020 23:13

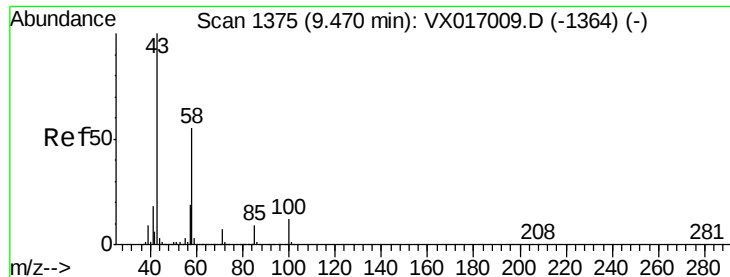
Tgt Ion: 63 Resp: 206958

Ion Ratio Lower Upper

63 100

106 29.5 24.0 36.0





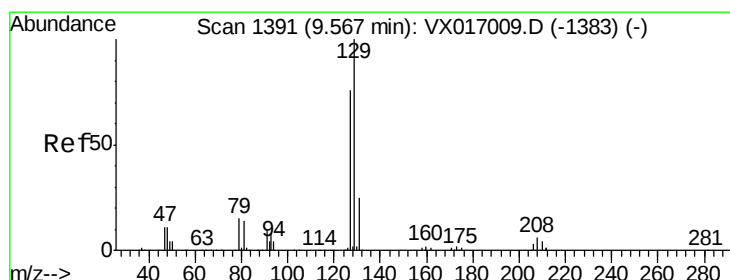
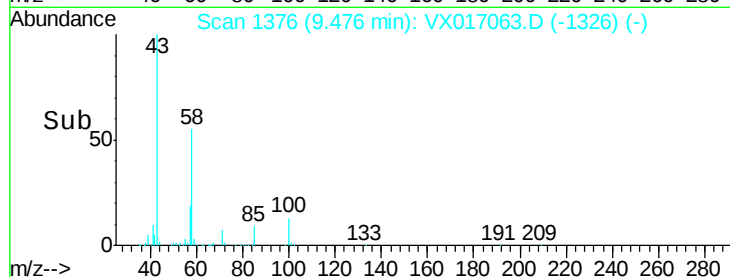
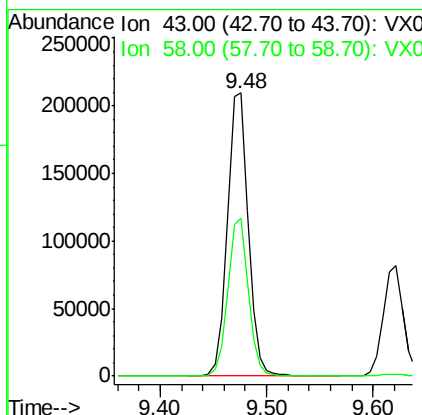
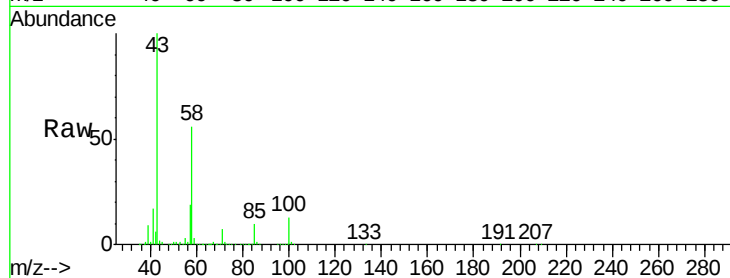
#59
2-Hexanone
Concen: 101.921 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	27.9	83.6

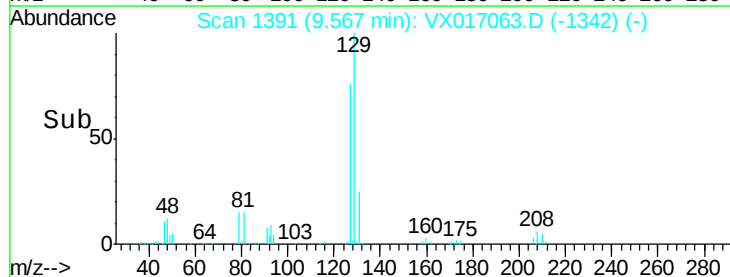
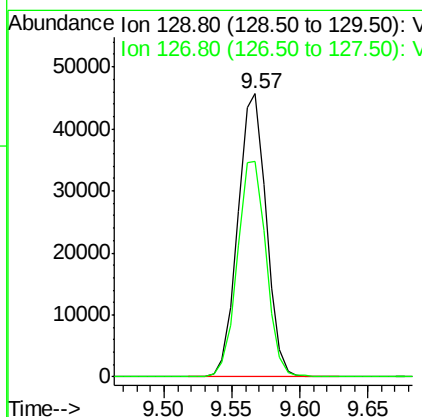
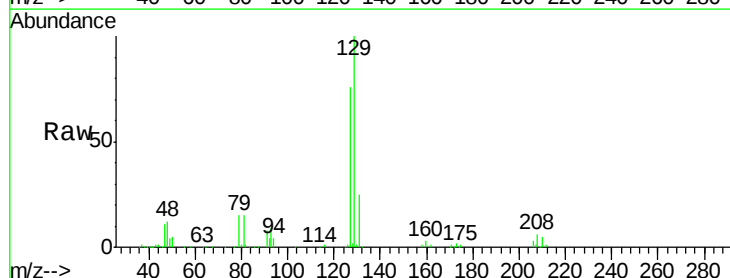
Manual Integrations
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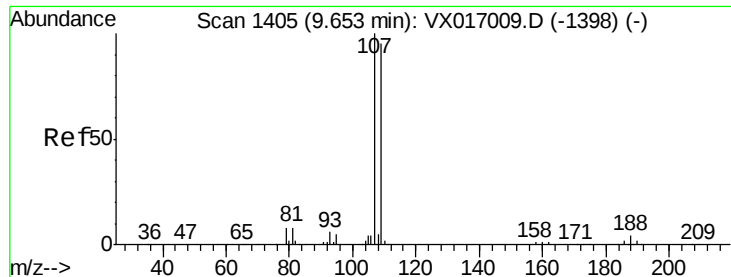
MMDadoda
7/1/2020 10:48:57 AM



#60
Dibromochloromethane
Concen: 19.772 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.9	116.7





#61

1,2-Dibromoethane

Concen: 19.561 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion:107 Resp: 60907

Ion Ratio Lower Upper

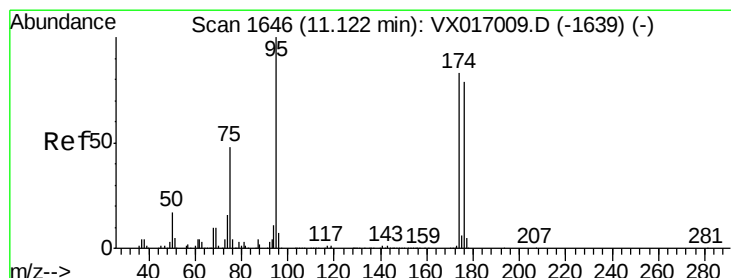
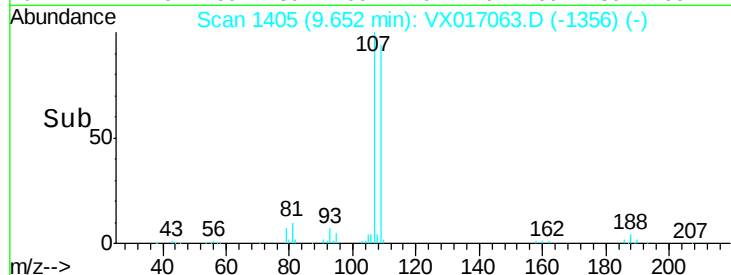
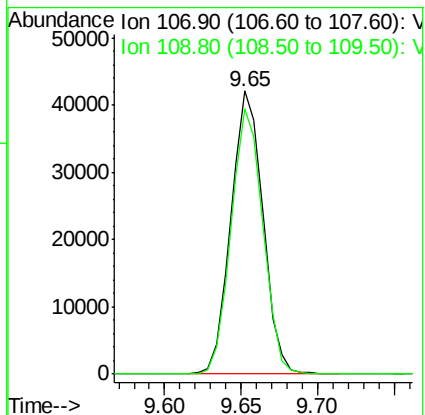
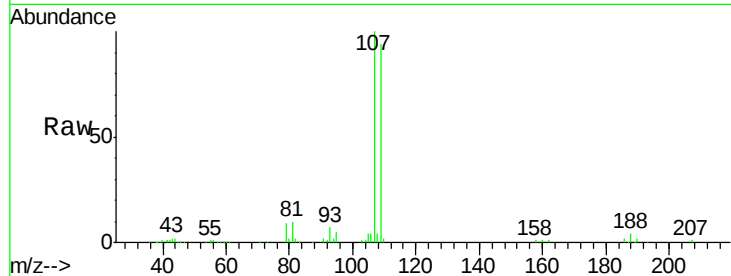
107 100

109 93.3 75.8 113.8

Manual Integrations
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MMDadoda

7/1/2020 10:48:57 AM



#62

4-Bromofluorobenzene

Concen: 50.446 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

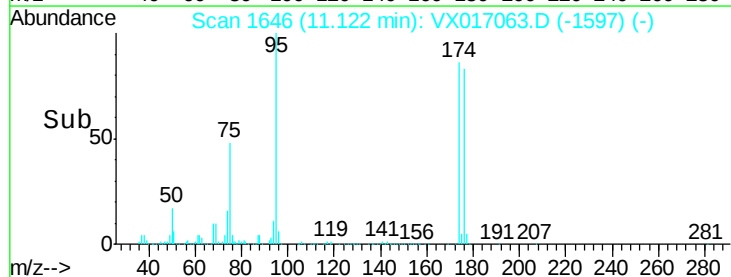
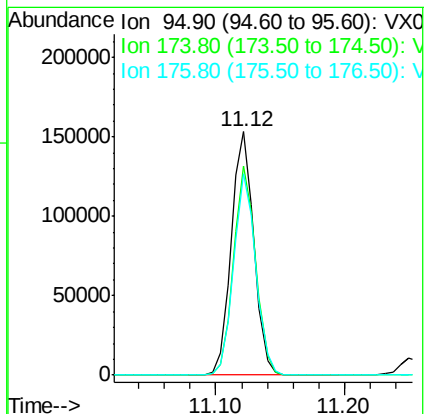
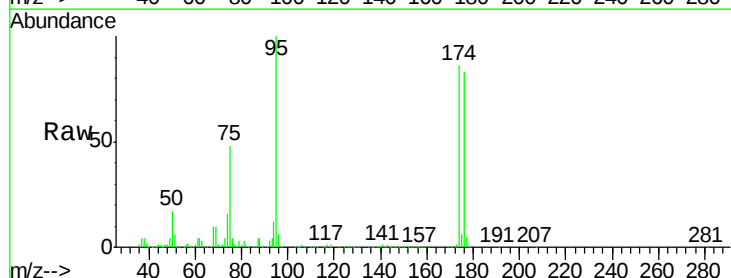
Tgt Ion: 95 Resp: 188631

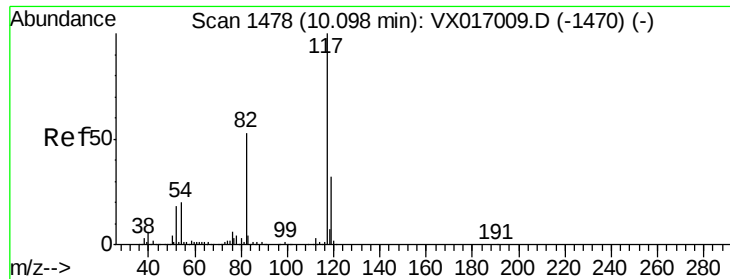
Ion Ratio Lower Upper

95 100

174 84.0 0.0 164.0

176 81.1 0.0 157.6





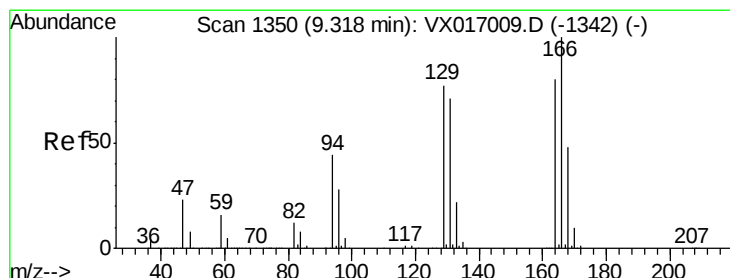
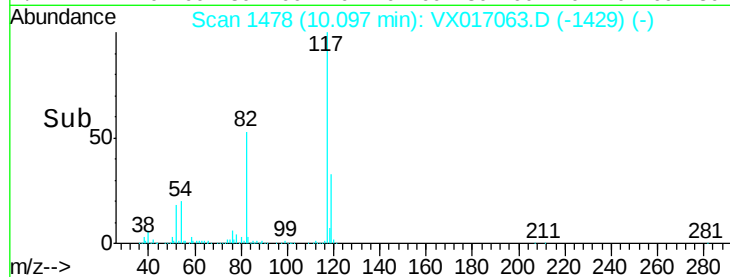
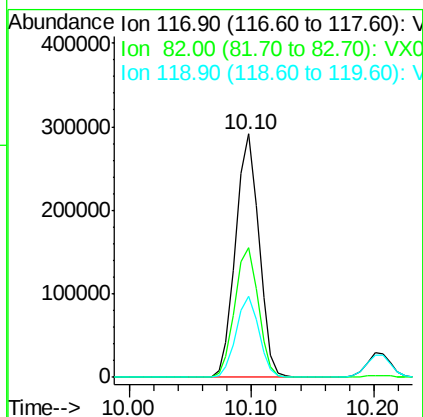
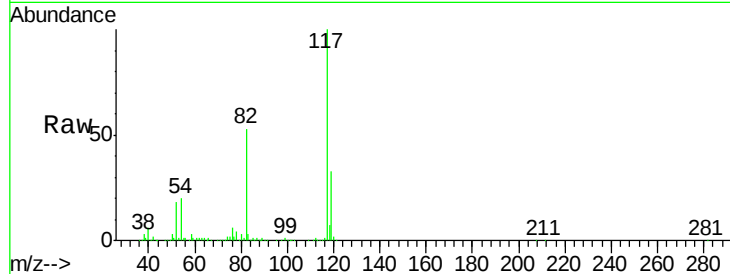
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	63.8
119	33.1	25.4	38.2

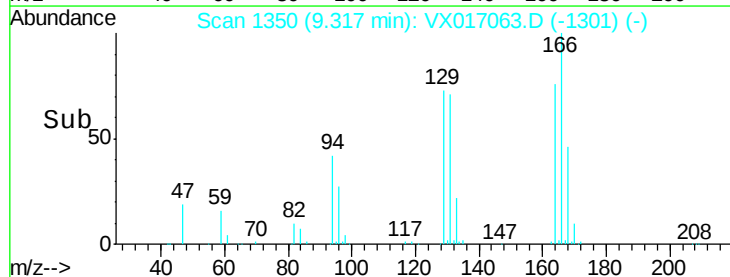
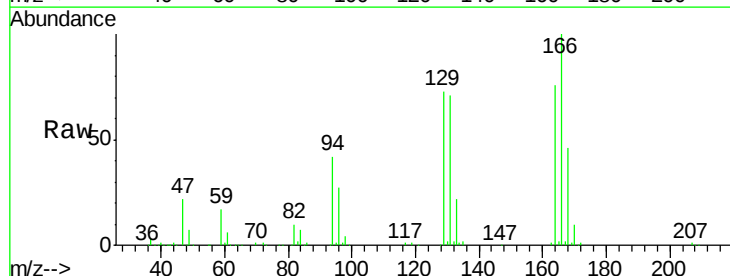
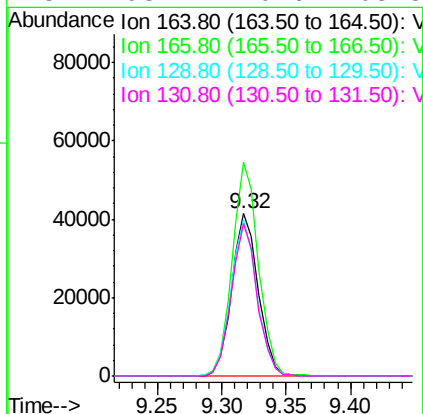
Manual Integrations
APPROVED

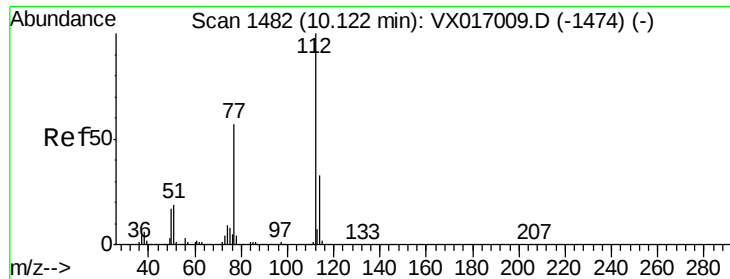
MMDadoda
7/1/2020 10:48:57 AM



#64
Tetrachloroethene
Concen: 19.208 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	99.4	149.0
129	96.3	76.3	114.5
131	93.4	70.6	105.8





#65

Chlorobenzene

Concen: 19.042 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion:112 Resp: 151434

Ion Ratio Lower Upper

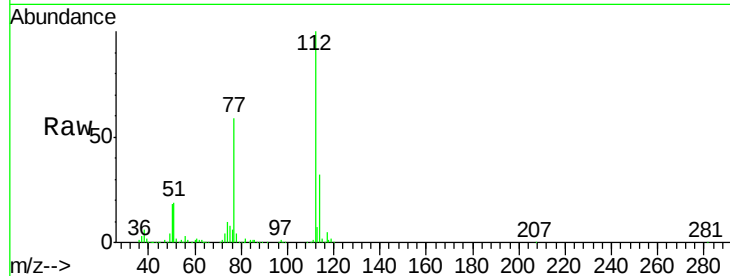
112 100

114 31.7 26.2 39.4

Manual Integrations
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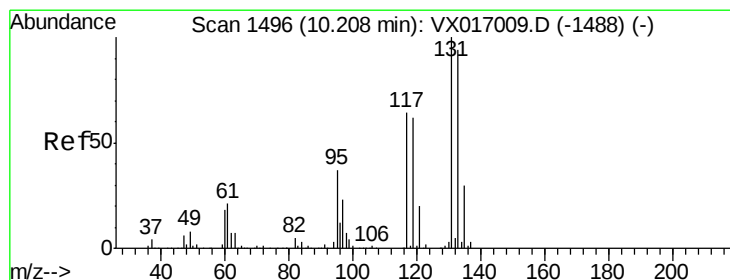
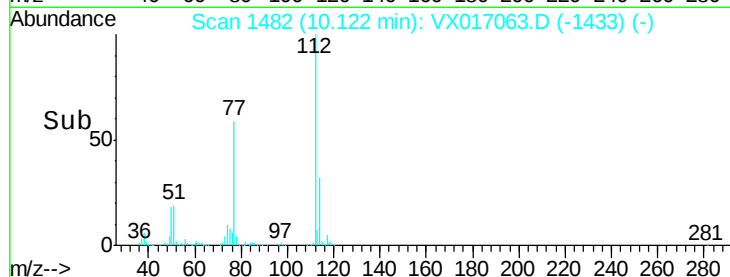
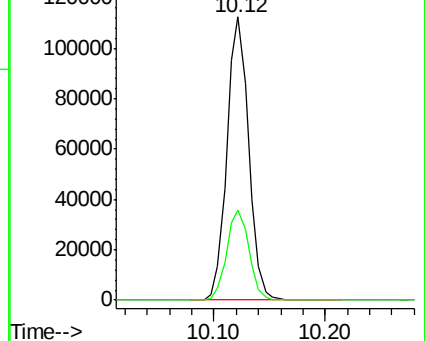
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.550 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

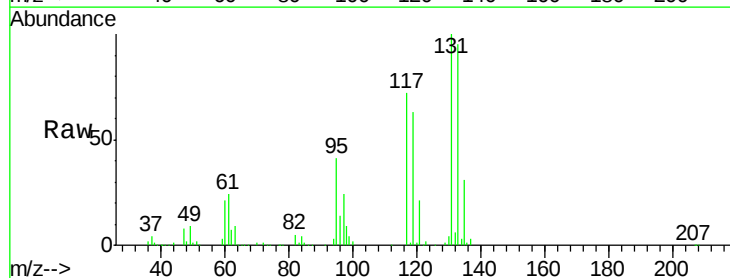
Tgt Ion:131 Resp: 59916

Ion Ratio Lower Upper

131 100

133 96.5 47.3 141.9

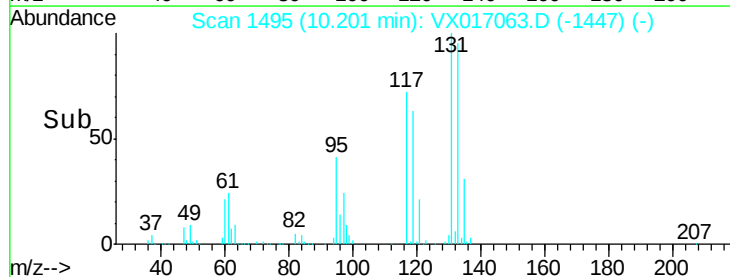
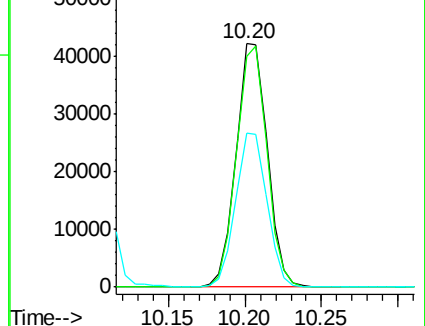
119 63.5 31.9 95.5

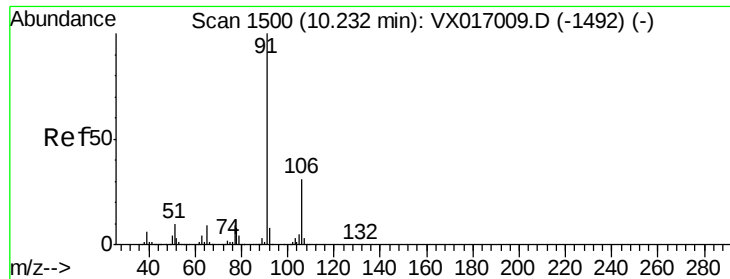


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





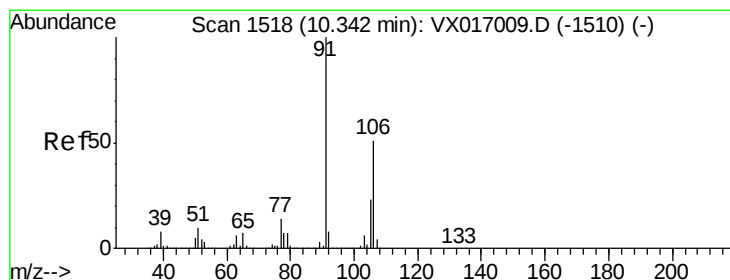
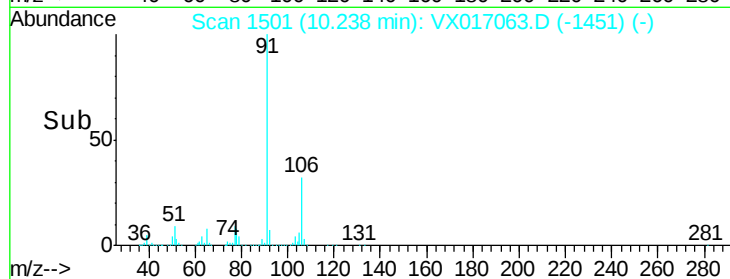
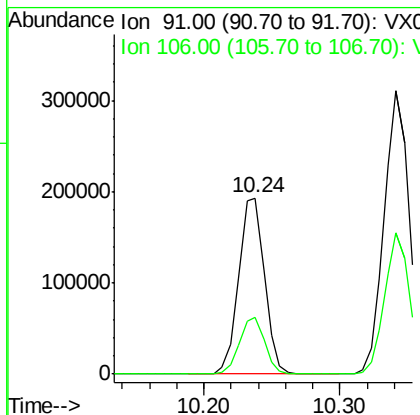
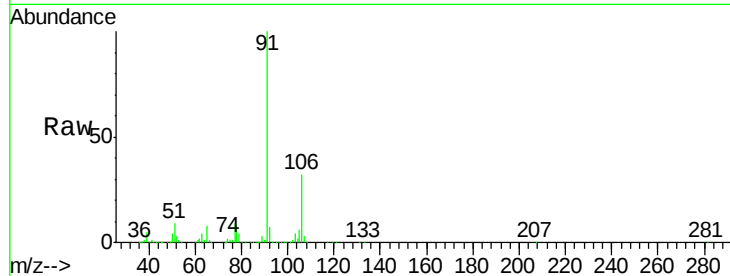
#67
Ethyl Benzene
Concen: 19.280 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampled :
VX0630WBSD02

Tot Ion: 91 Resp: 256056
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1

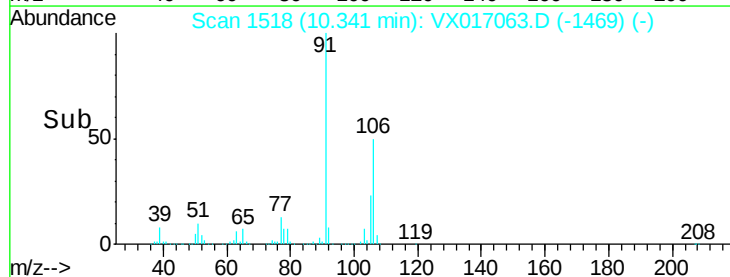
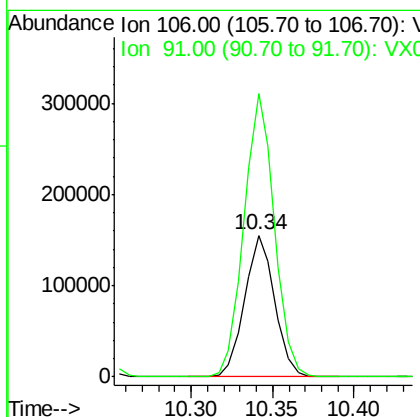
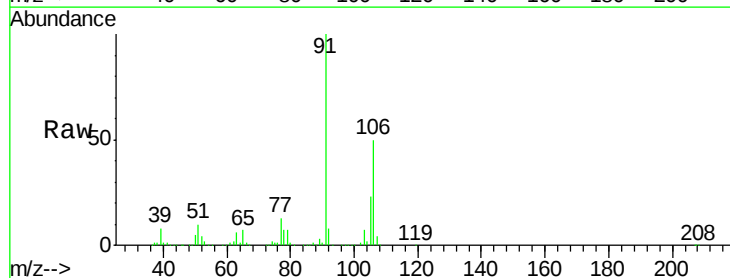
Manual Integrations
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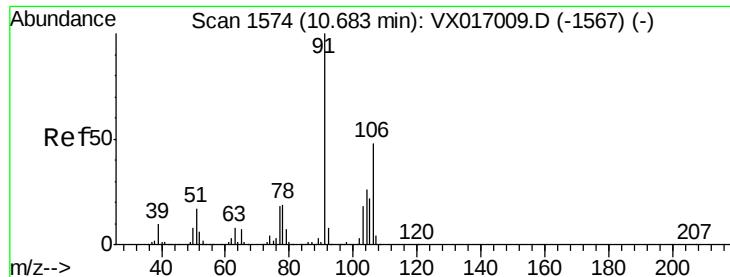
MMDadoda
7/1/2020 10:48:57 AM



#68
m/p-Xylenes
Concen: 39.037 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion: 106 Resp: 199067
Ion Ratio Lower Upper
106 100
91 202.8 158.6 238.0





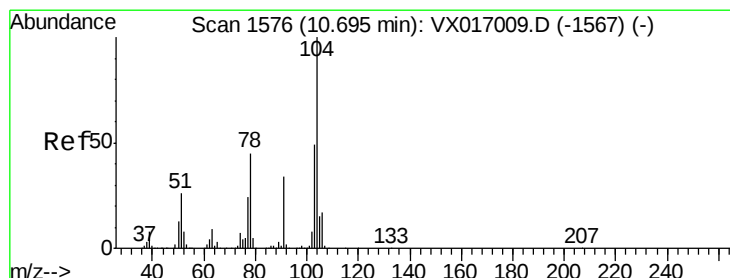
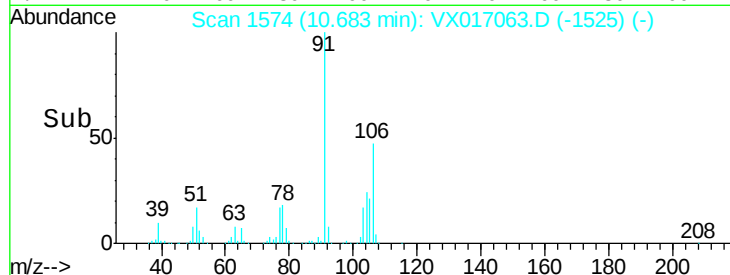
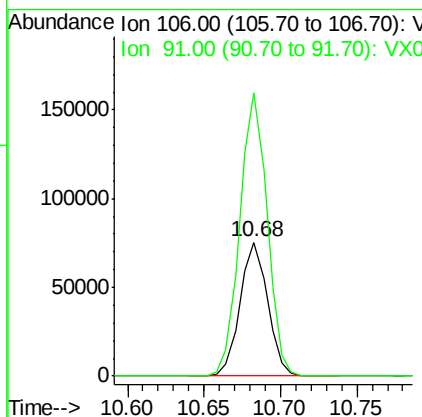
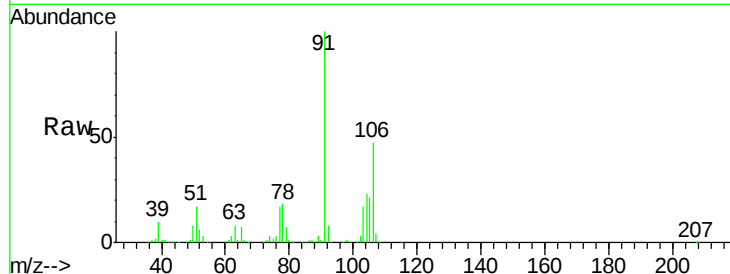
#69
o-Xylene
Concen: 19.502 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion:106 Resp: 94604
Ion Ratio Lower Upper
106 100
91 209.8 105.6 316.7

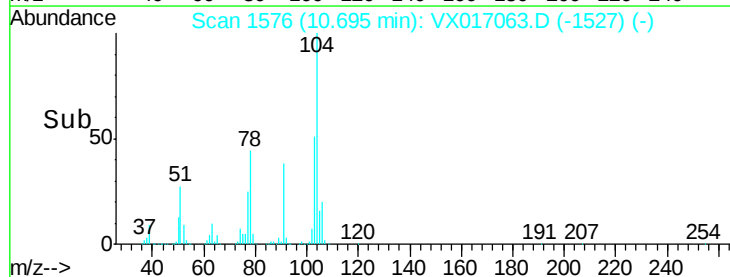
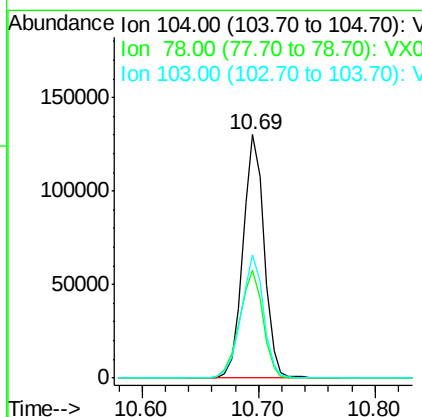
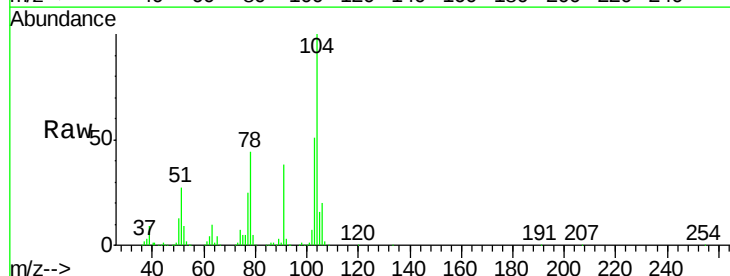
Manual Integrations
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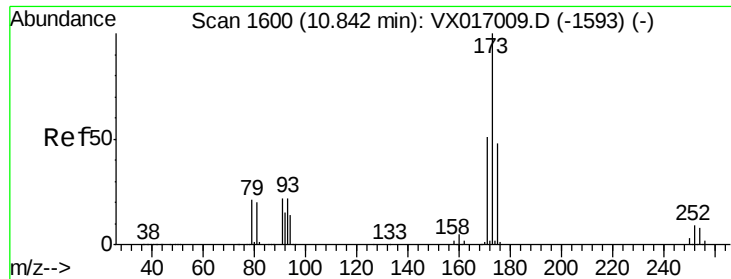
MMDadoda
7/1/2020 10:48:57 AM



#70
Styrene
Concen: 20.123 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion:104 Resp: 166229
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 53.7 43.0 64.6





#71

Bromoform

Concen: 19.987 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

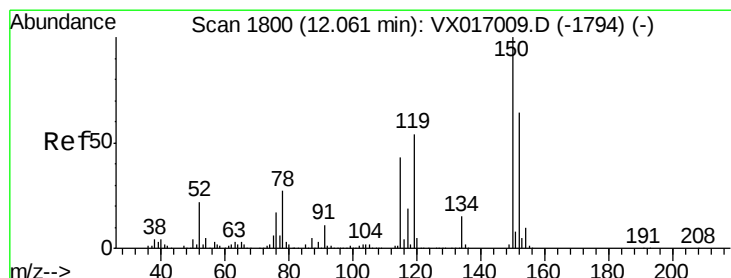
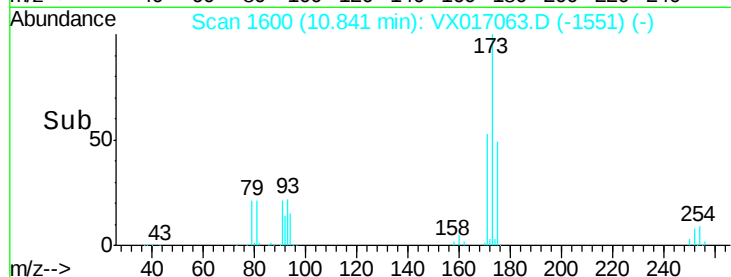
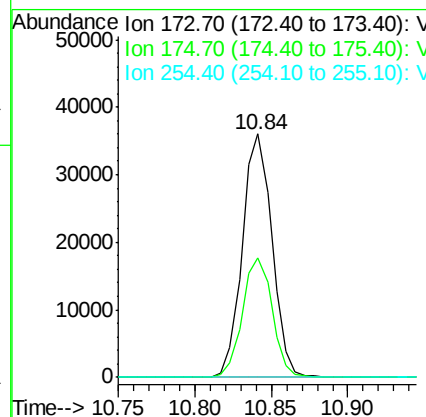
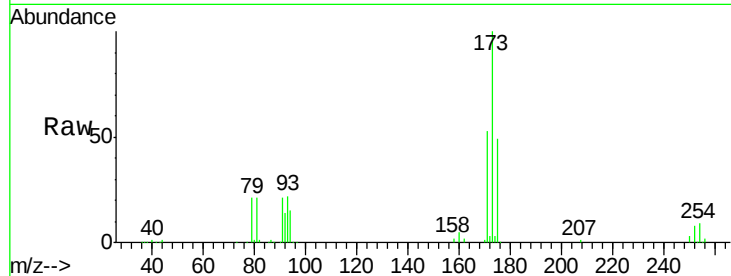
ClientSampleId :

VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.5	73.5
254	0.1	0.1	0.1

Manual Integrations
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7/1/2020 10:48:57 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

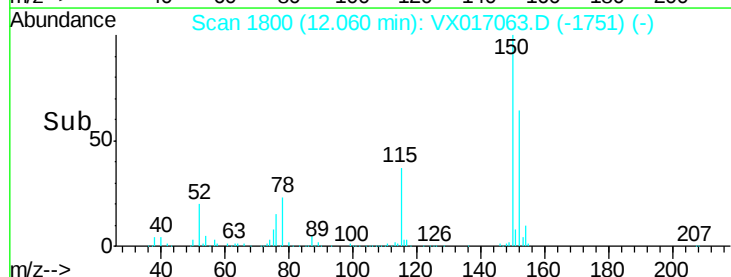
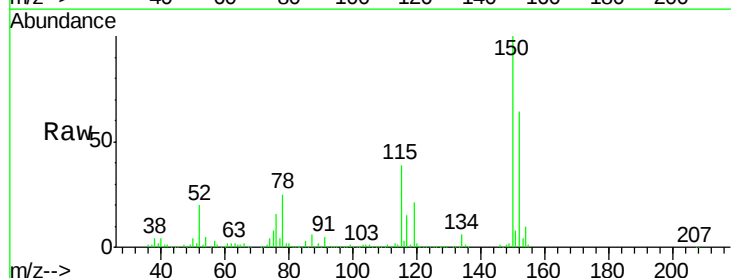
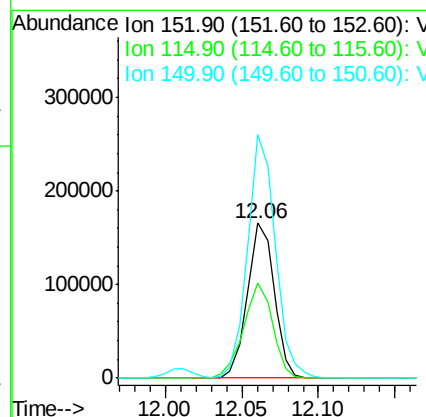
RT: 12.06 min Scan# 1800

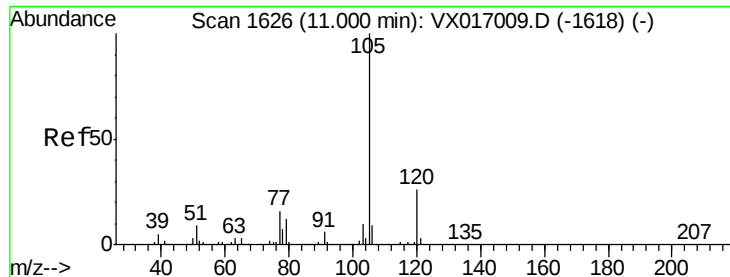
Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	40.9	122.7
150	162.3	0.0	351.6





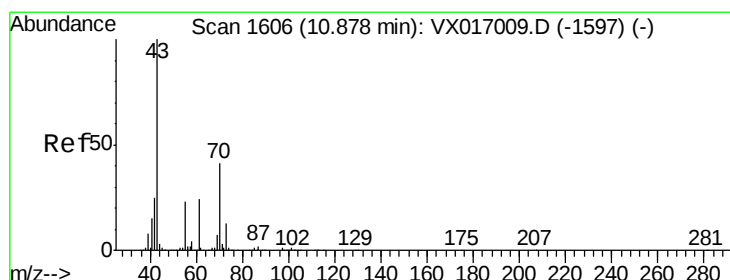
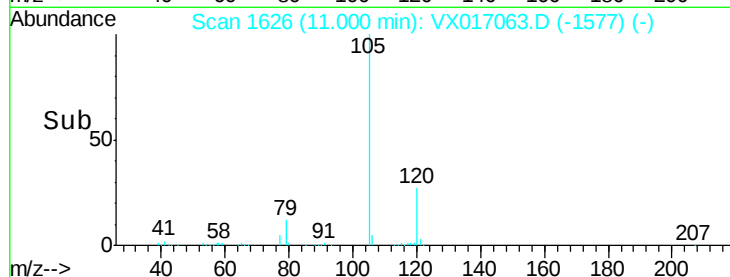
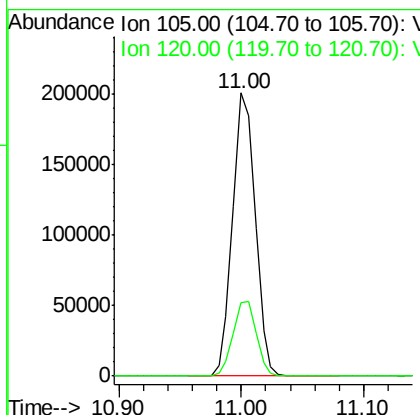
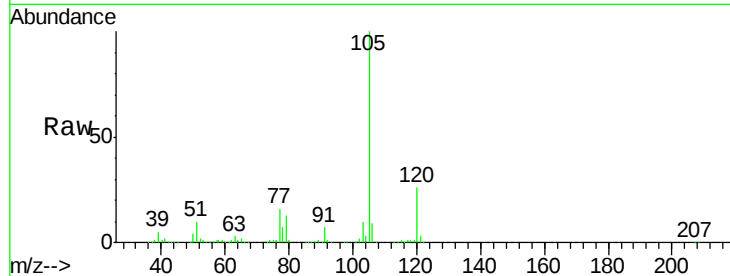
#73
Isopropylbenzene
Concen: 19.355 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	255974		
120	27.1		13.4	40.2

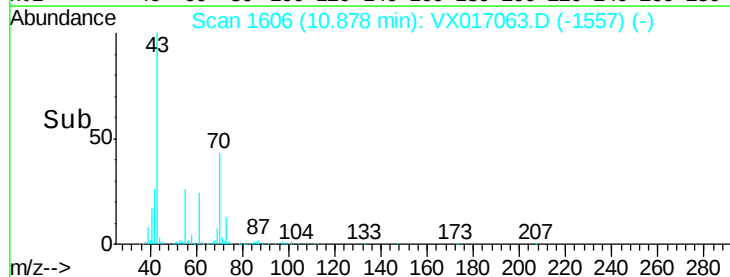
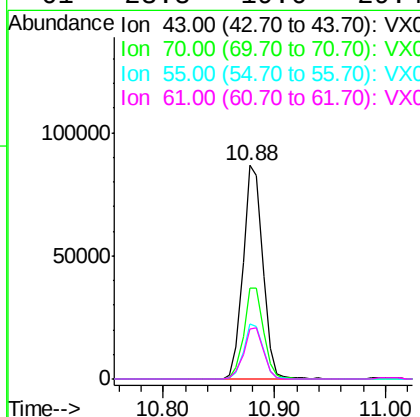
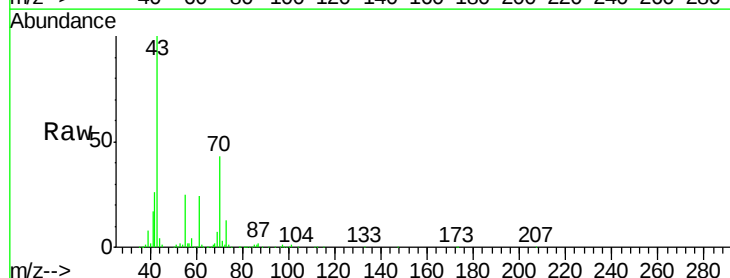
Manual Integrations
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7/1/2020 10:48:57 AM



#74
N-ethyl acetate
Concen: 18.925 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	106792		
70	42.5		34.2	51.2
55	25.3		19.2	28.8
61	23.8		19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.289 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

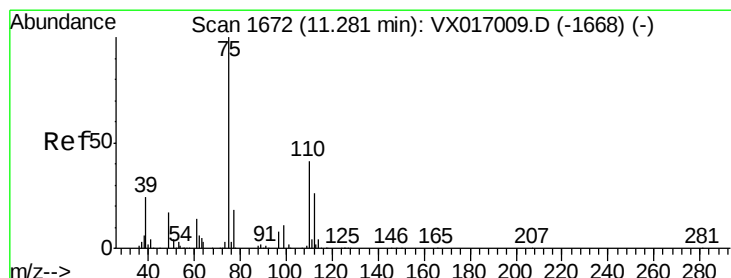
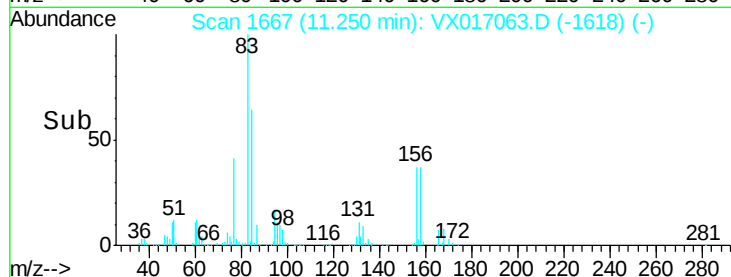
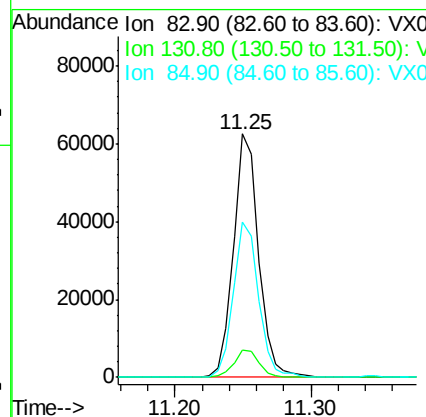
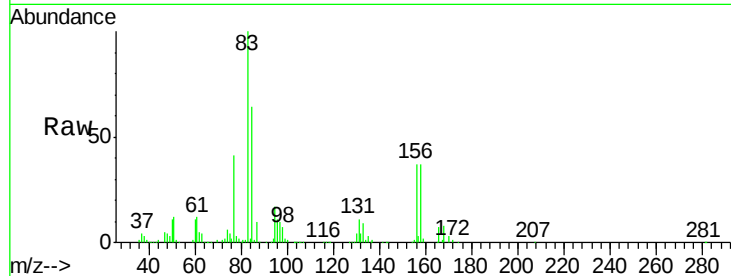
ClientSampleId :

VX0630WBSD02

Tot Ion:	83	Resp:	80242
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	64.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.515 ug/l m

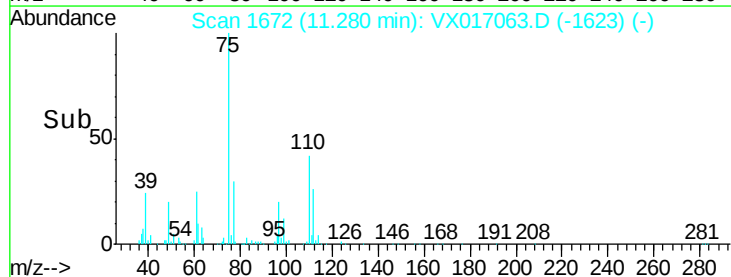
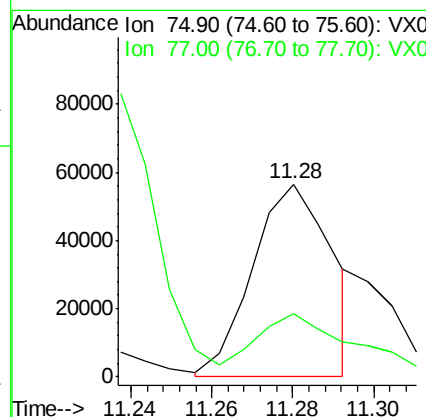
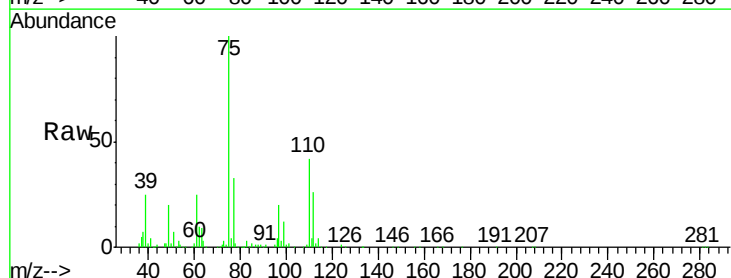
RT: 11.28 min Scan# 1672

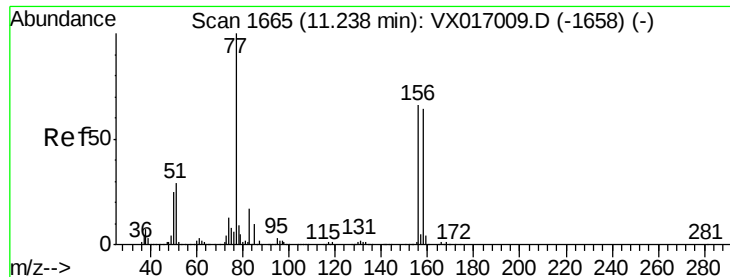
Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion:	75	Resp:	77482
Ion Ratio	Lower	Upper	
75	100		
77	40.6	20.2	60.6





#77

Bromobenzene

Concen: 19.270 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion:156 Resp: 70043

Ion Ratio Lower Upper

156 100

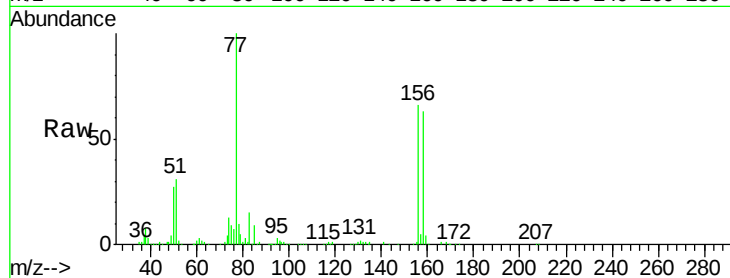
77 149.7 76.9 230.7

158 96.1 47.9 143.6

Manual Integrations
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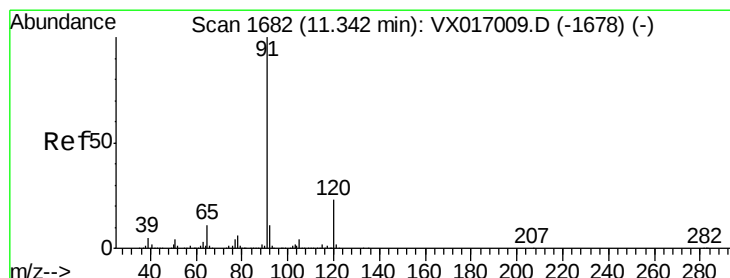
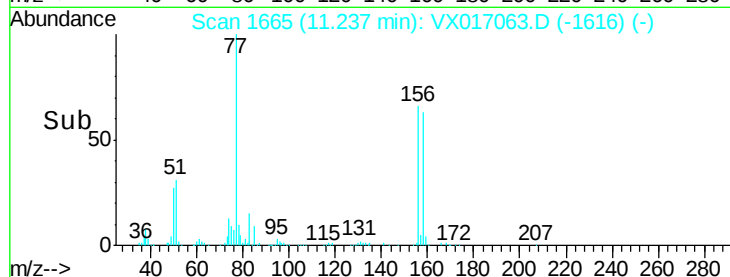
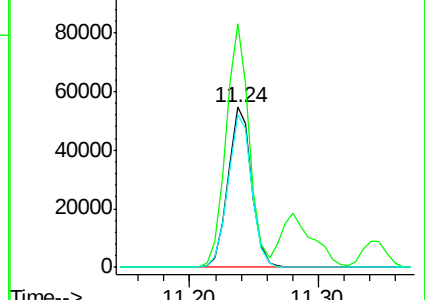
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.104 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017063.D

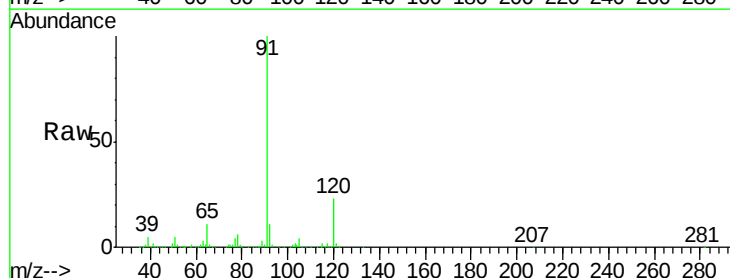
Acq: 30 Jun 2020 23:13

Tgt Ion: 91 Resp: 285705

Ion Ratio Lower Upper

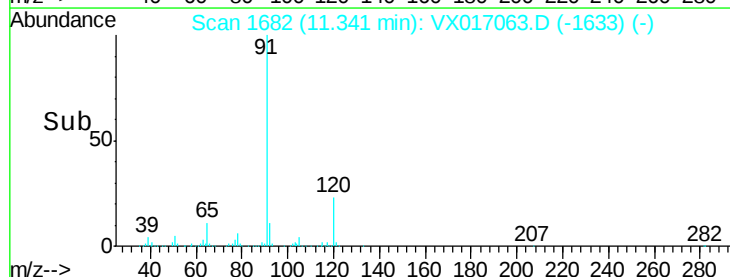
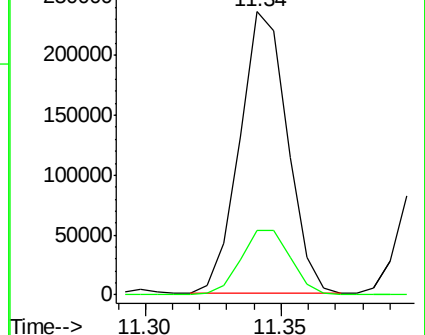
91 100

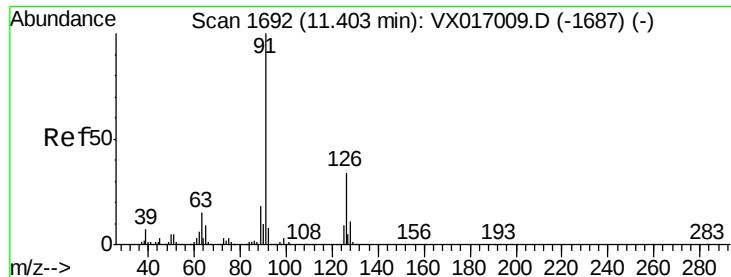
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.531 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD02

Tot Ion: 91 Resp: 176779

Ion Ratio Lower Upper

91 100

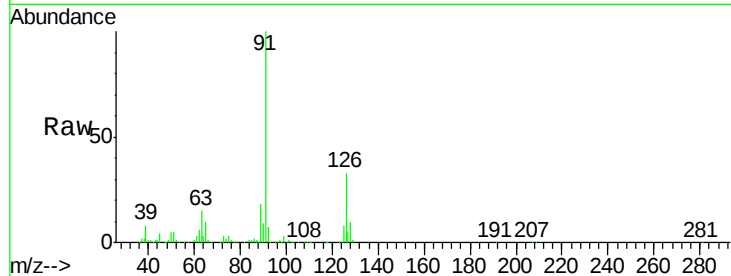
126 34.0 17.4 52.3

Manual Integrations

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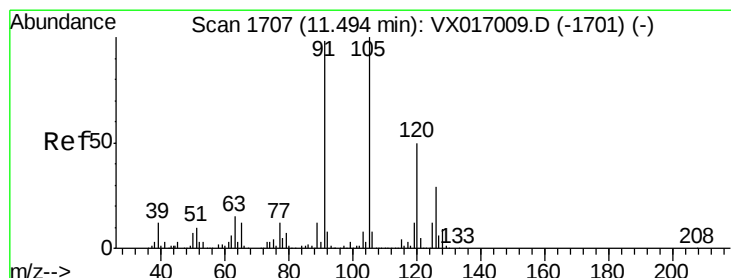
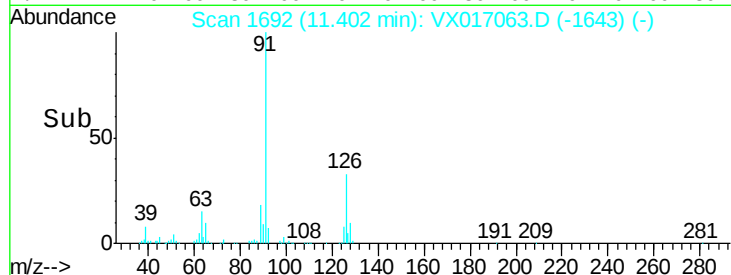
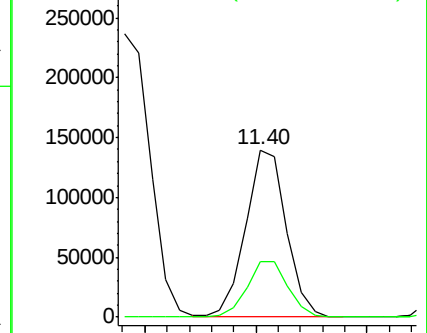
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.410 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017063.D

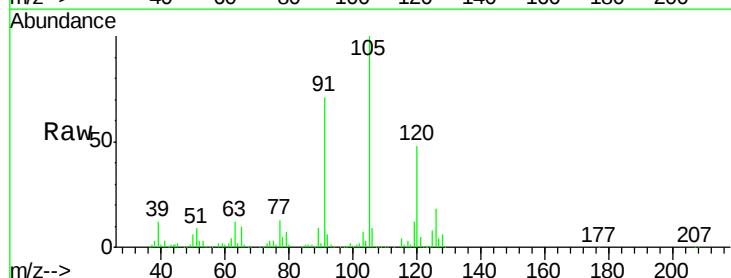
Acq: 30 Jun 2020 23:13

Tgt Ion:105 Resp: 212930

Ion Ratio Lower Upper

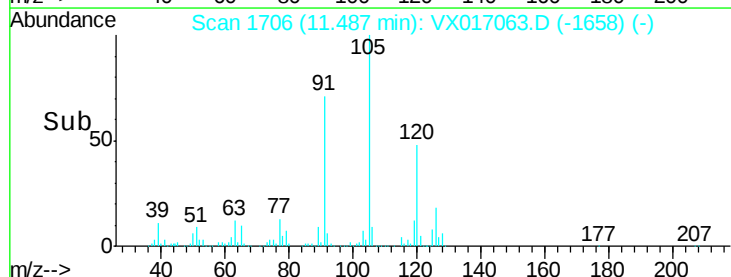
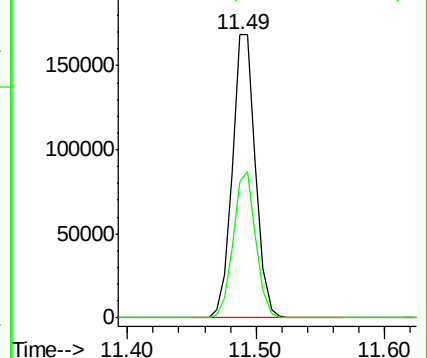
105 100

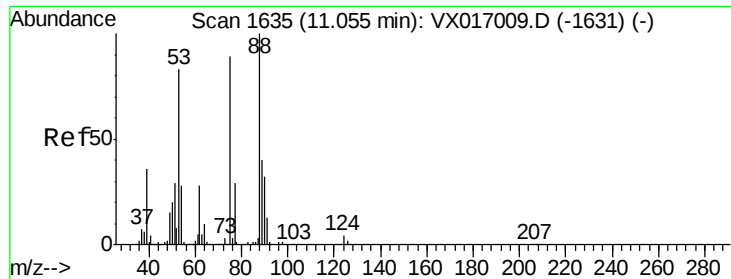
120 50.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.643 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD02

Tot Ion: 75 Resp: 27049

Ion Ratio Lower Upper

75 100

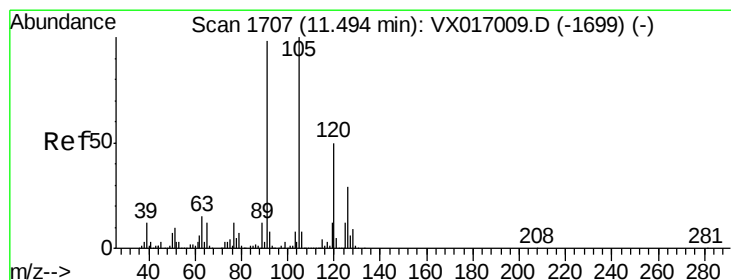
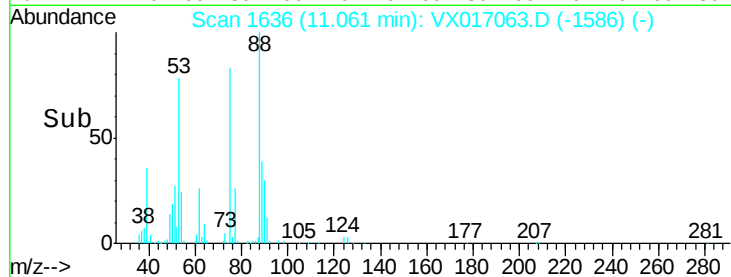
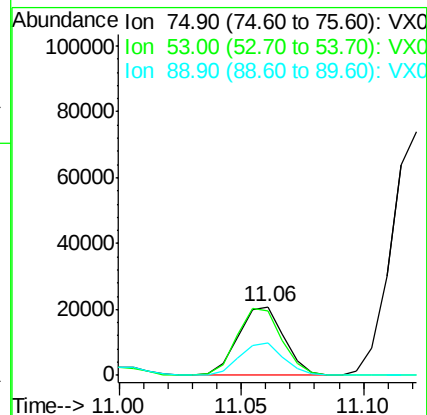
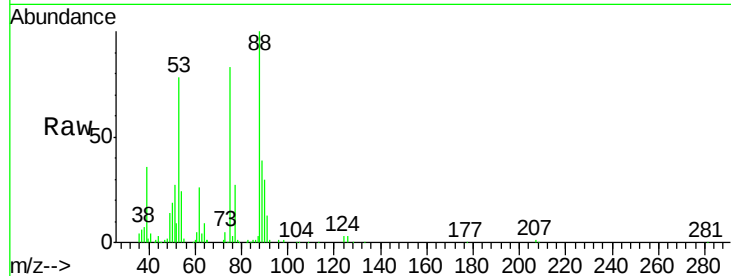
53 96.9 72.4 108.6

89 46.1 37.0 55.4

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#82

4-Chlorotoluene

Concen: 19.437 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017063.D

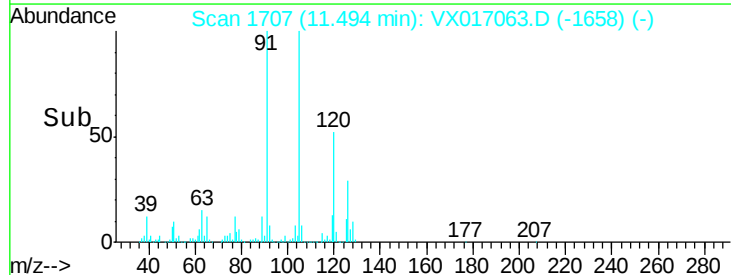
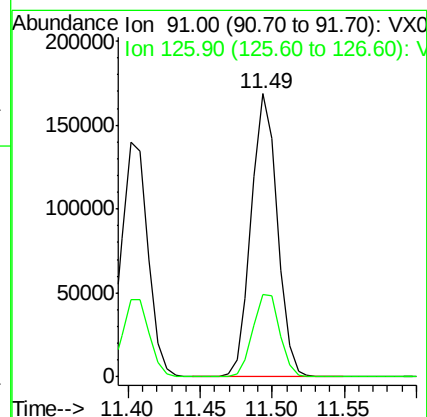
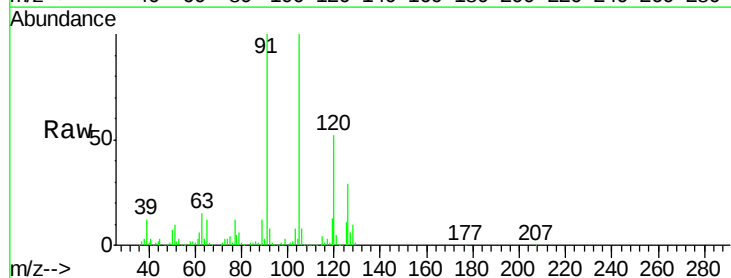
Acq: 30 Jun 2020 23:13

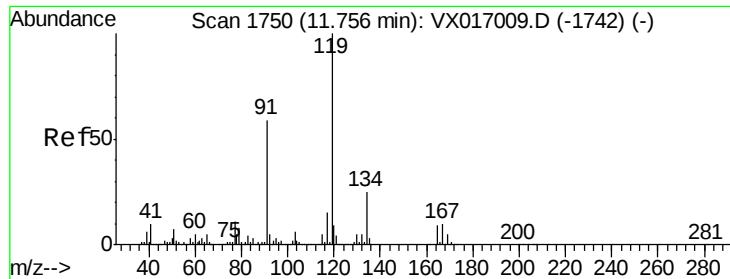
Tgt Ion: 91 Resp: 210312

Ion Ratio Lower Upper

91 100

126 30.3 15.2 45.5





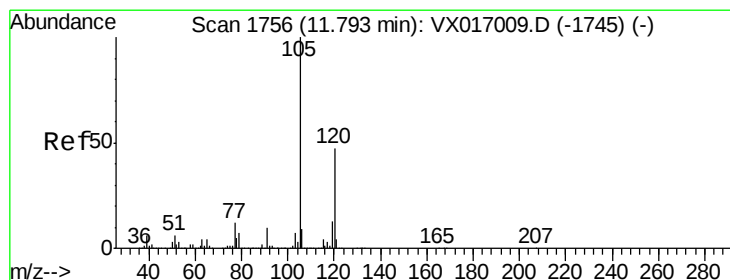
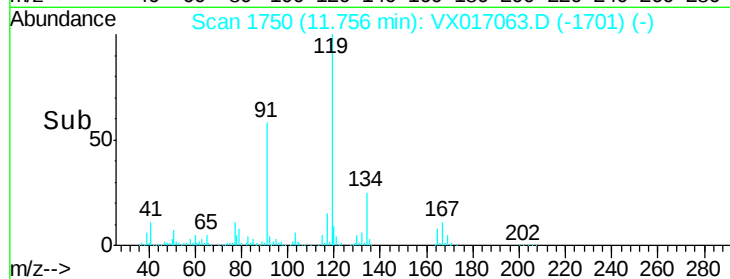
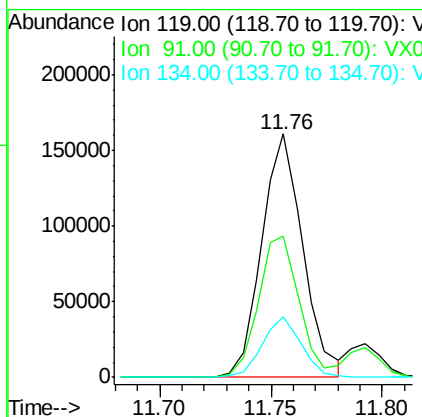
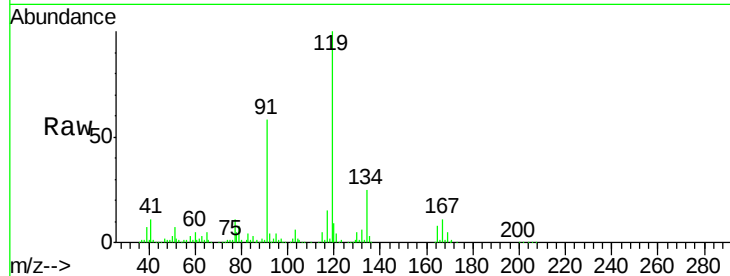
#83
tert-Butylbenzene
Concen: 19.175 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206488		
91	57.0		28.3	84.9
134	23.5		11.7	35.1

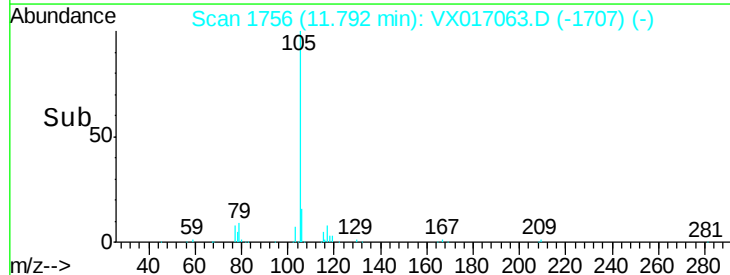
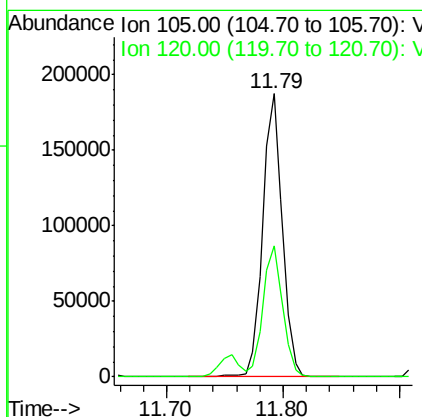
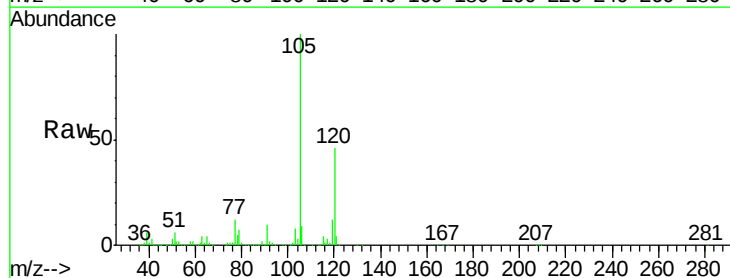
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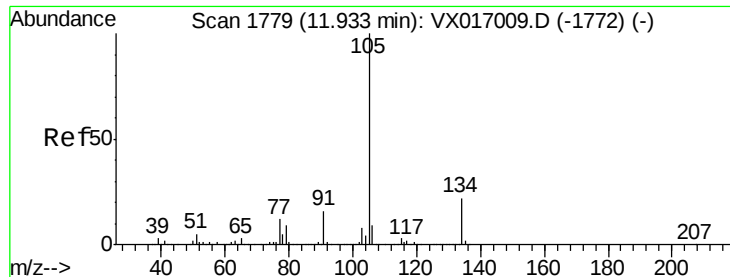
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#84
1,2,4-Trimethylbenzene
Concen: 19.699 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219230		
120	46.6		22.9	68.5





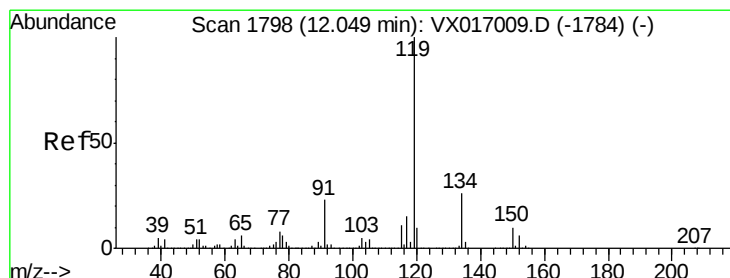
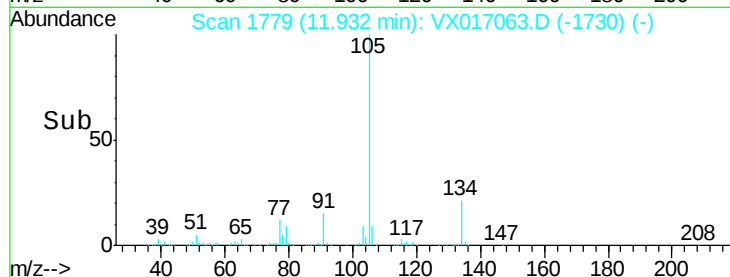
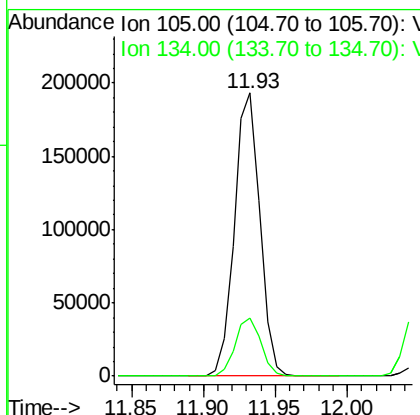
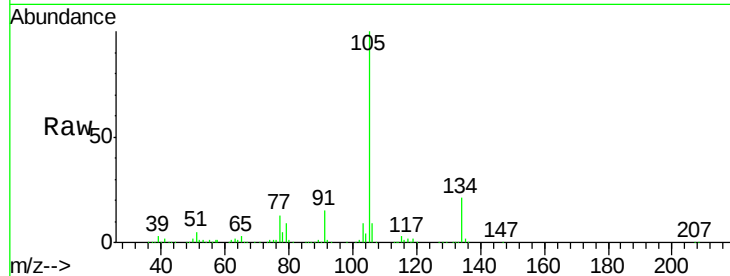
#85
 sec-Butylbenzene
 Concen: 18.854 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.5	31.6

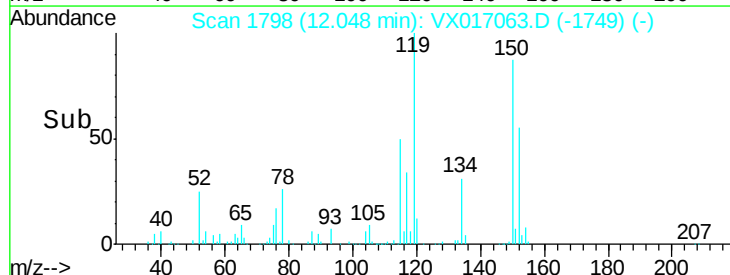
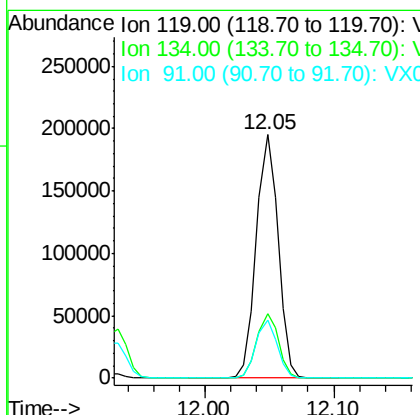
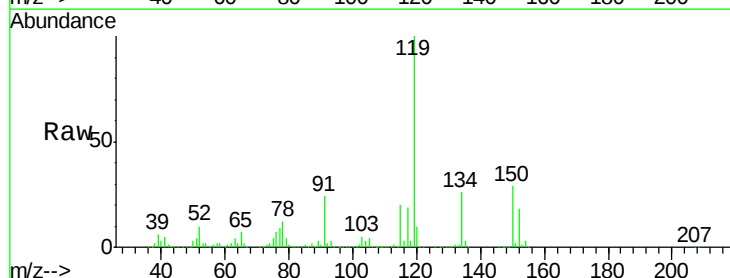
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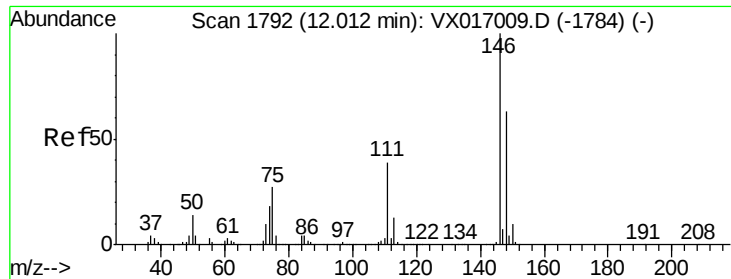
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 7/1/2020 10:48:57 AM



#86
 p-Isopropyltoluene
 Concen: 19.297 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.5
91	23.7	11.8	35.4





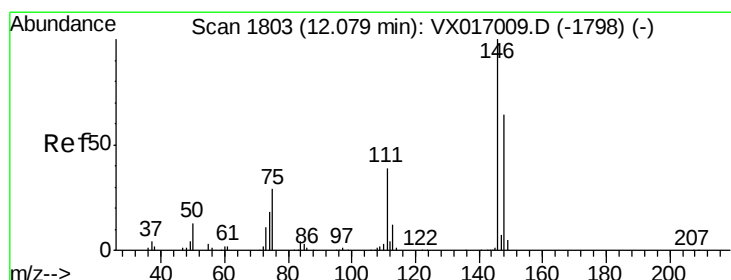
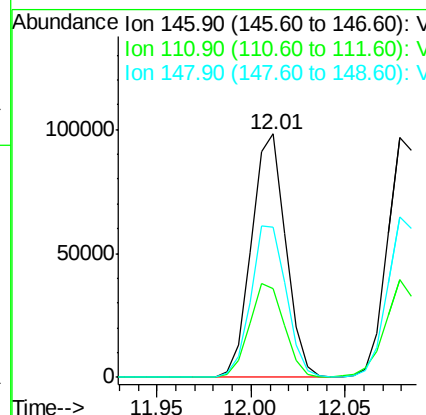
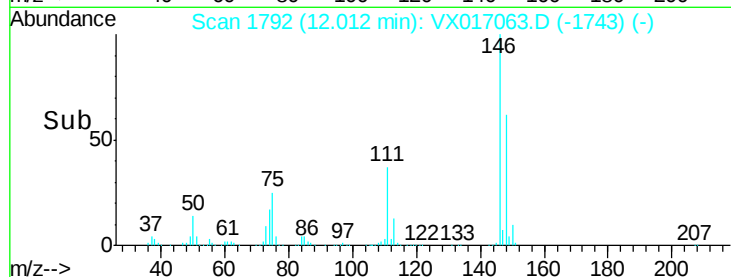
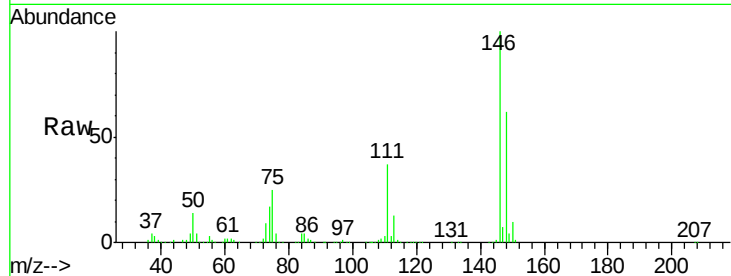
#87
 1,3-Dichlorobenzene
 Concen: 18.783 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.4	61.2
148	63.9	32.5	97.5

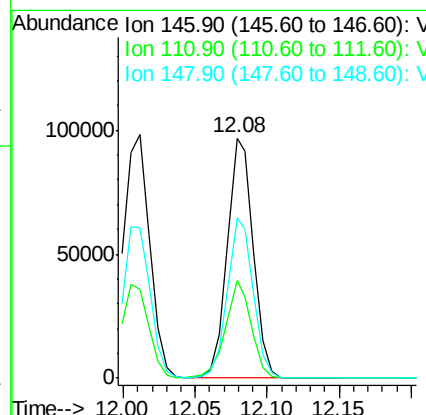
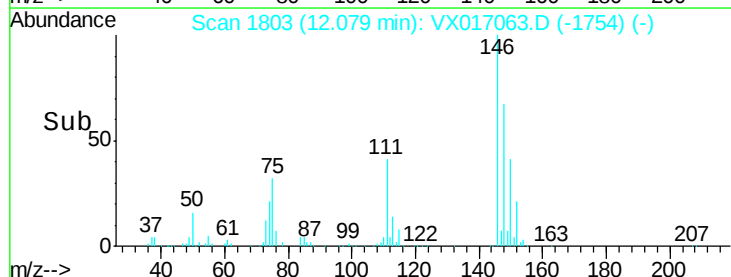
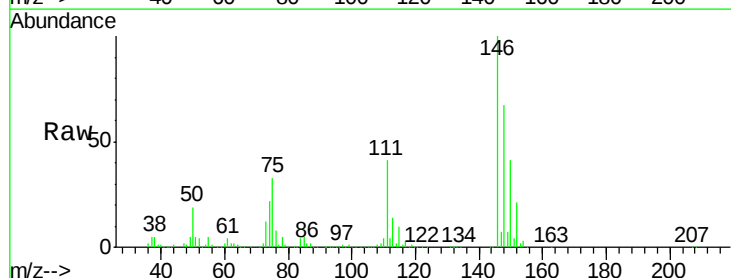
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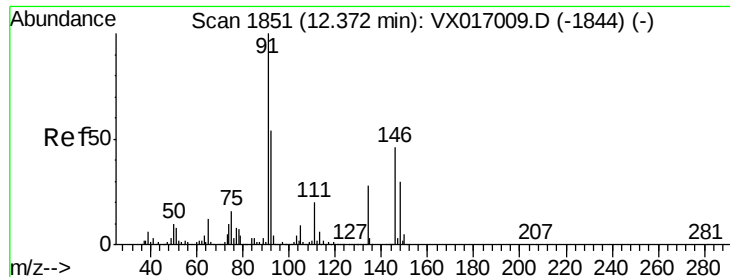
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#88
 1,4-Dichlorobenzene
 Concen: 19.630 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.5	58.5
148	66.5	31.9	95.7





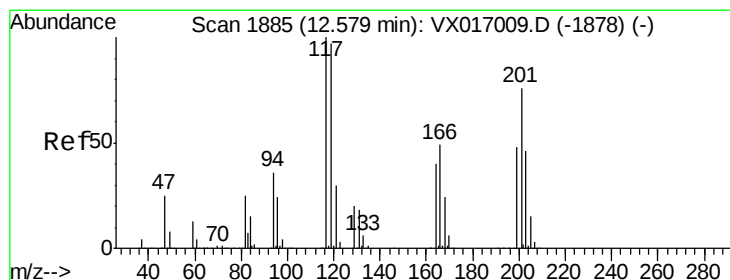
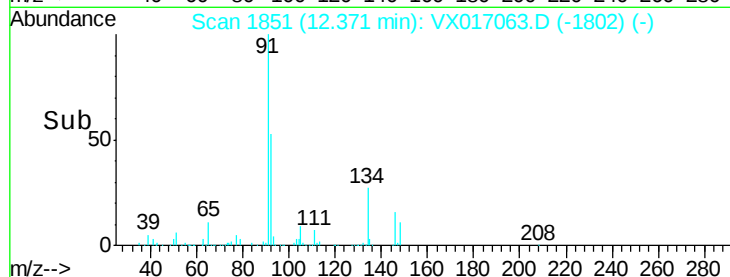
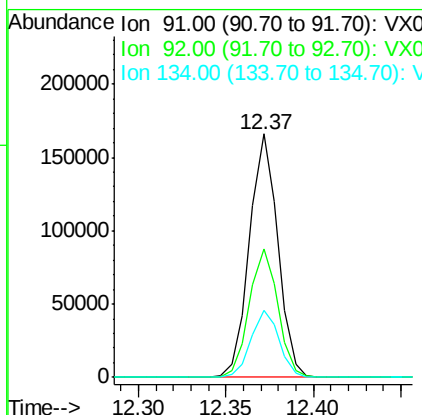
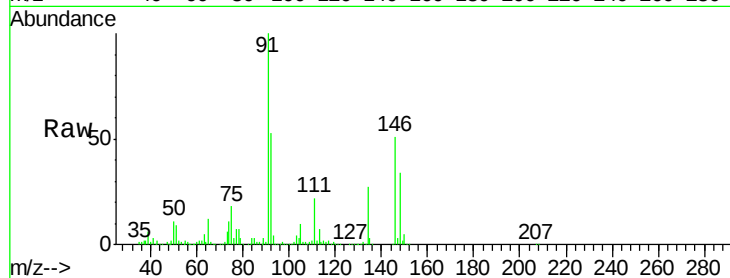
#89
n-Butylbenzene
Concen: 17.791 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.2	81.6
134	27.3	13.6	40.7

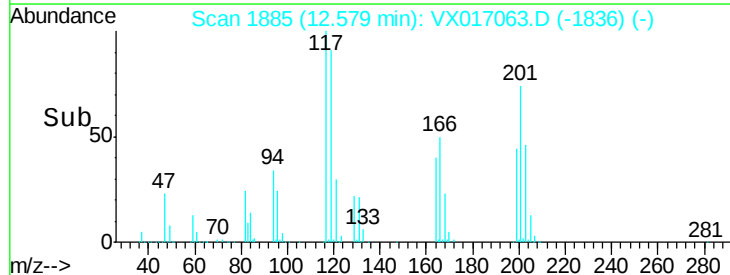
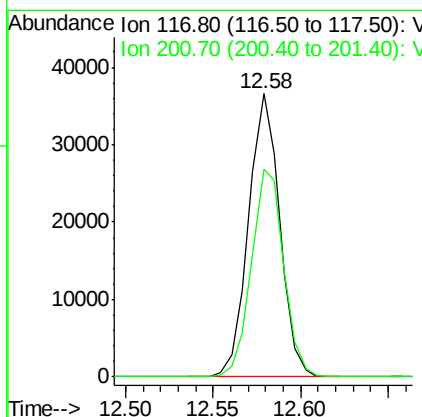
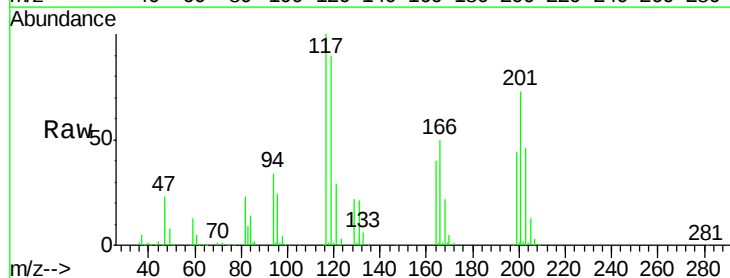
Manual Integrations
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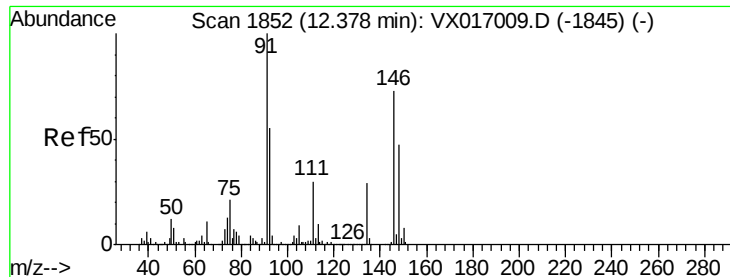
MMDadoda
7/1/2020 10:48:57 AM



#90
Hexachloroethane
Concen: 19.632 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.8	39.4	118.2





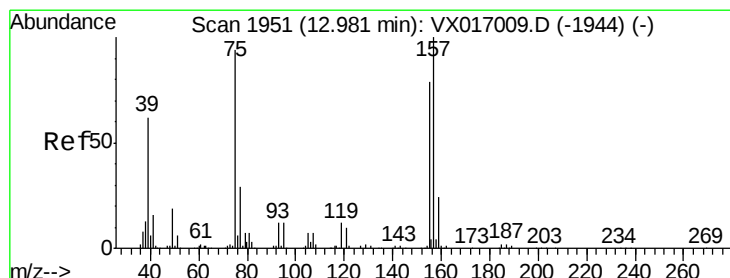
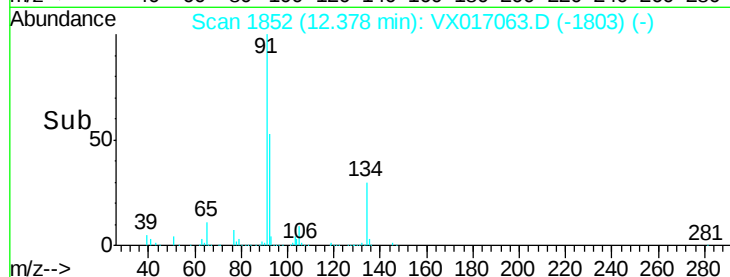
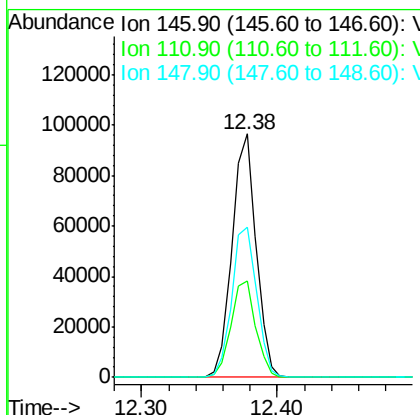
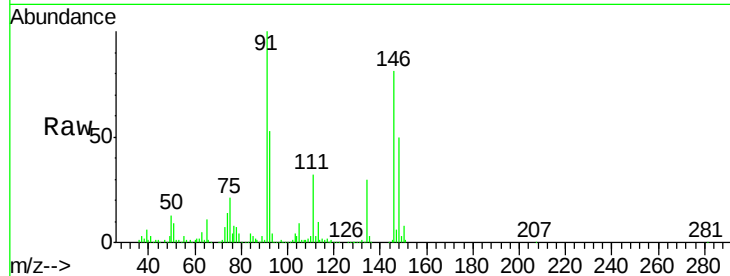
#91
 1,2-Dichlorobenzene
 Concen: 19.227 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	64.2	32.4	97.2

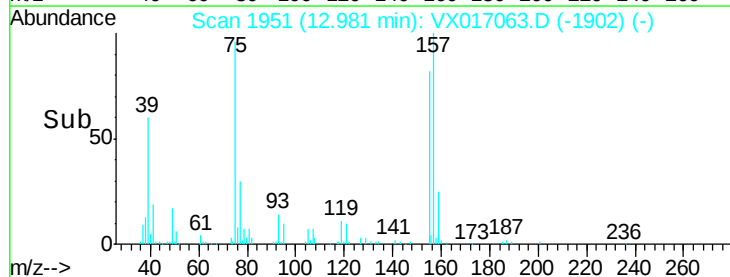
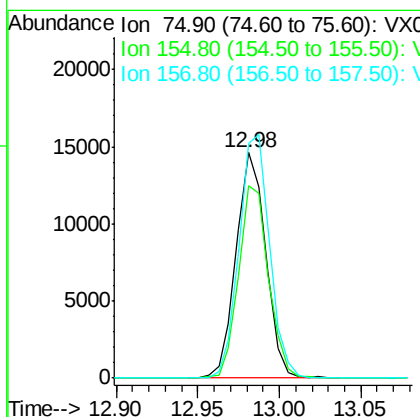
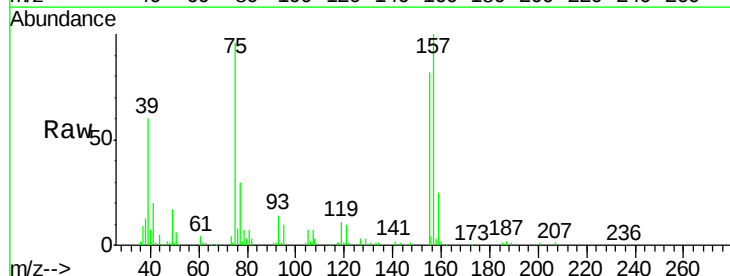
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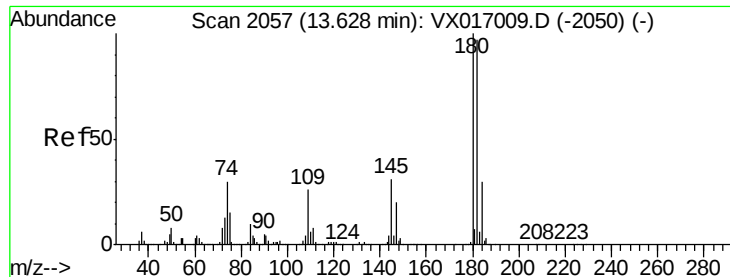
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.621 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.3	45.1	135.2
157	111.4	56.5	169.3





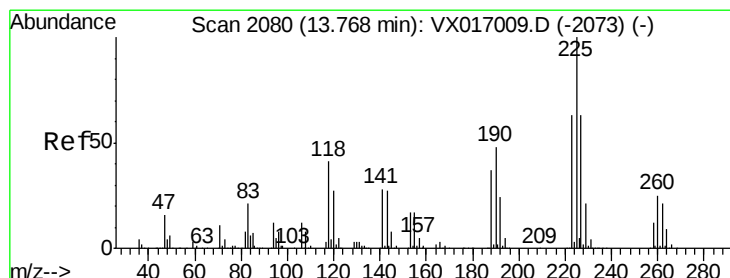
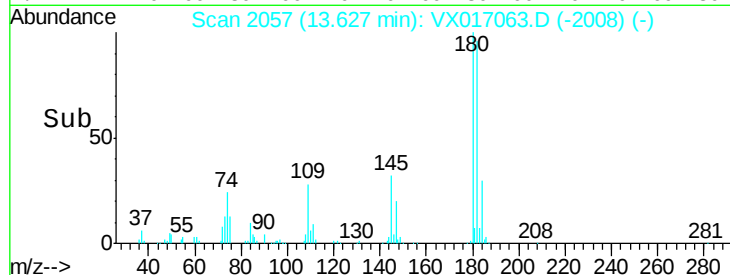
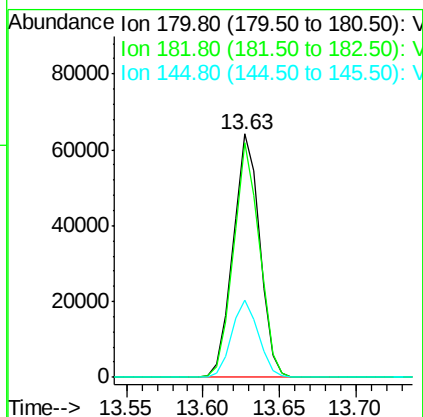
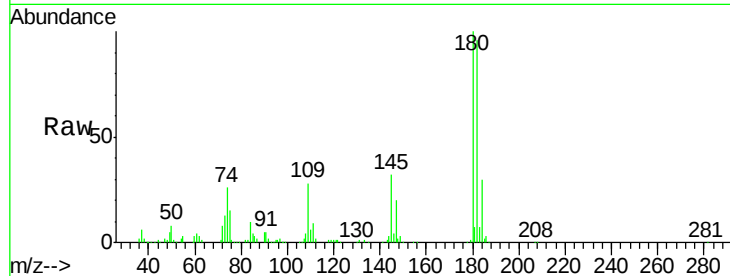
#93
 1,2,4-Trichlorobenzene
 Concen: 18.359 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	31.8	15.4	46.2

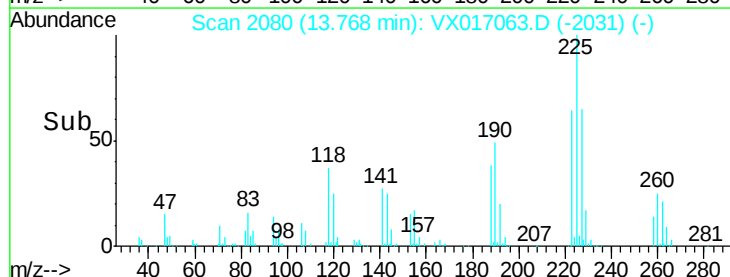
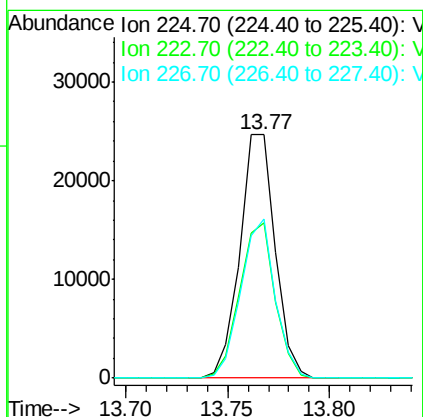
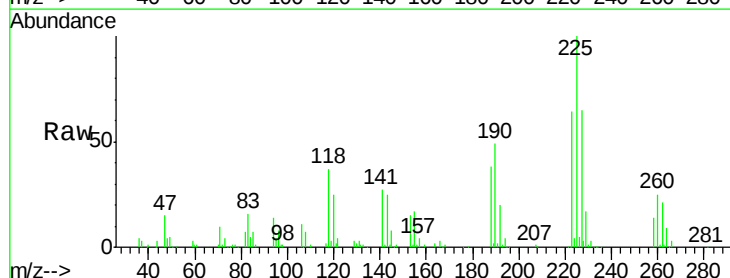
Manual Integrations
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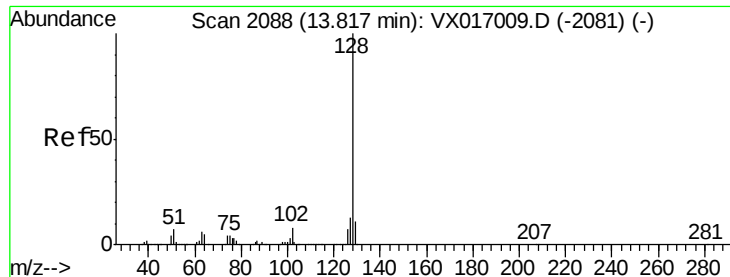
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 7/1/2020 10:48:57 AM



#94
 Hexachlorobutadiene
 Concen: 19.130 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.5	97.5
227	63.4	33.1	99.2





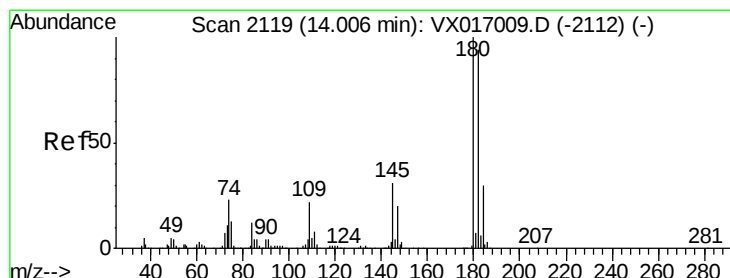
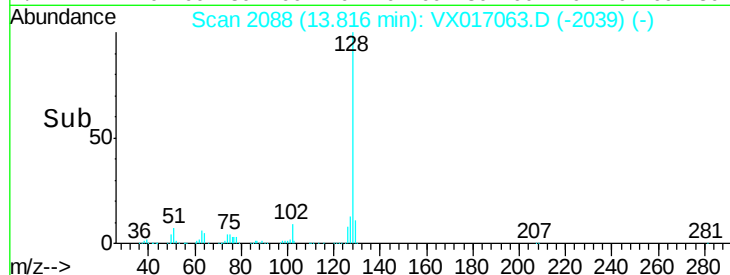
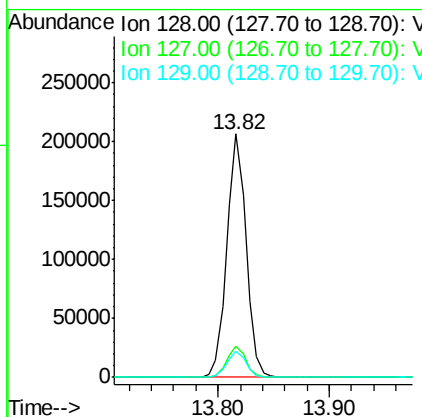
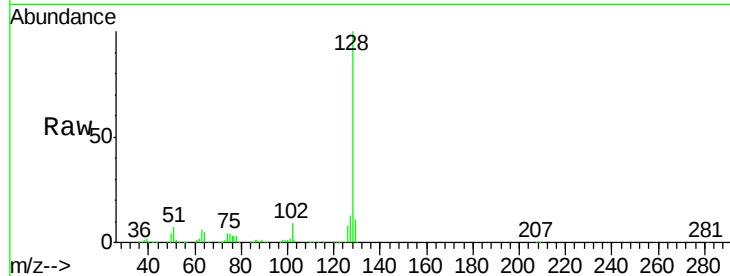
#95
Naphthalene
Concen: 19.217 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.025 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.4
145	31.9	16.6	49.7

