

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017167.D
 Acq On : 06 Jul 2020 14:55
 Operator : JC/SP
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 12:24:42 PM

Quant Time: Jul 06 16:23:28 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	5.64	168	323240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249961	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	194841	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.47	113	158266	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	8.70	98	574902	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.12	95	227597	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	56454	18.053	ug/l	97
3) Chloromethane	1.31	50	56044	14.806	ug/l	97
4) Vinyl Chloride	1.39	62	57874	16.479	ug/l	100
5) Bromomethane	1.63	94	38630	20.819	ug/l	99
6) Chloroethane	1.72	64	37104	17.888	ug/l	92
7) Trichlorofluoromethane	1.92	101	104644	20.147	ug/l	97
8) Diethyl Ether	2.17	74	33154	19.197	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56014	17.993	ug/l	97
10) Methyl Iodide	2.50	142	52649	13.107	ug/l	98
11) Tert butyl alcohol	3.01	59	66311	87.228	ug/l	98
12) 1,1-Dichloroethene	2.36	96	52705	16.481	ug/l	96
13) Acrolein	2.27	56	22361	49.206	ug/l	98
14) Allyl chloride	2.71	41	96666	16.356	ug/l	95
15) Acrylonitrile	3.12	53	154309	84.438	ug/l	98
16) Acetone	2.42	43	130126	87.291	ug/l	97
17) Carbon Disulfide	2.55	76	157689	17.685	ug/l	98
18) Methyl Acetate	2.75	43	70133	18.022	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	200769	18.706	ug/l	98
20) Methylene Chloride	2.84	84	66467	18.955	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	63768	17.968	ug/l	97
22) Diisopropyl ether	3.82	45	195275	17.852	ug/l	95
23) Vinyl Acetate	3.79	43	850832	90.516	ug/l	98
24) 1,1-Dichloroethane	3.67	63	109616	17.612	ug/l	96
25) 2-Butanone	4.64	43	211015	84.953	ug/l	100
26) 2,2-Dichloropropane	4.56	77	102815	18.604	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	71032	17.664	ug/l	99
28) Bromochloromethane	4.98	49	58201	19.216	ug/l	94
29) Tetrahydrofuran	5.09	42	139596	85.059	ug/l	98
30) Chloroform	5.18	83	116260	18.222	ug/l	100
31) Cyclohexane	5.55	56	94172	17.504	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	110823	18.860	ug/l	99
36) 1,1-Dichloropropene	5.77	75	84640	18.466	ug/l	98
37) Ethyl Acetate	4.79	43	87023	18.713	ug/l	99
38) Carbon Tetrachloride	5.76	117	102134	20.231	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0706WBS01

Manual Integrations
 APPROVED

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 7/7/2020 12:24:42 PM

Quant Time: Jul 06 16:23:28 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)
39) Methylcyclohexane	7.44	83	94142	18.460	ug/l	98
40) Benzene	6.12	78	249767	18.547	ug/l	97
41) Methacrylonitrile	5.01	41	47724	18.233	ug/l	97
42) 1,2-Dichloroethane	6.17	62	96773	19.894	ug/l	99
43) Isopropyl Acetate	6.42	43	139654	18.072	ug/l	99
44) Trichloroethene	7.19	130	75551	20.145	ug/l	95
45) 1,2-Dichloropropane	7.49	63	65883	19.047	ug/l	100
46) Dibromomethane	7.64	93	45382	19.218	ug/l	94
47) Bromodichloromethane	7.88	83	96728	19.876	ug/l	99
48) Methyl methacrylate	7.74	41	67956	18.510	ug/l	98
49) 1,4-Dioxane	7.71	88	29090	349.748	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	431322	93.634	ug/l	100
52) Toluene	8.77	92	162743	19.356	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	106112	19.762	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	110093	19.127	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	67465	19.639	ug/l	96
56) Ethyl methacrylate	9.16	69	93045	19.029	ug/l	100
57) 1,3-Dichloropropane	9.35	76	110090	18.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	244283	100.384	ug/l	97
59) 2-Hexanone	9.47	43	323441	96.140	ug/l	99
60) Dibromochloromethane	9.57	129	80019	20.055	ug/l	99
61) 1,2-Dibromoethane	9.65	107	72320	19.585	ug/l	98
64) Tetrachloroethene	9.32	164	73053	19.857	ug/l	96
65) Chlorobenzene	10.12	112	181170	19.256	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	72981	20.127	ug/l	99
67) Ethyl Benzene	10.23	91	307079	19.544	ug/l	99
68) m/p-Xylenes	10.34	106	237650	39.391	ug/l	97
69) o-Xylene	10.68	106	110559	19.264	ug/l	99
70) Styrene	10.70	104	193371	19.786	ug/l	99
71) Bromoform	10.84	173	61508	21.392	ug/l #	100
73) Isopropylbenzene	11.00	105	307228	18.765	ug/l	99
74) N-amyl acetate	10.88	43	121451	17.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	92481	17.957	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	93132m	18.947	ug/l	
77) Bromobenzene	11.24	156	86028	19.118	ug/l	96
78) n-propylbenzene	11.34	91	350846	18.950	ug/l	99
79) 2-Chlorotoluene	11.40	91	214295	19.124	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	266445	19.619	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	31978	16.848	ug/l	87
82) 4-Chlorotoluene	11.49	91	255231	19.054	ug/l	98
83) tert-Butylbenzene	11.76	119	256316	19.226	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	267730	19.432	ug/l	100
85) sec-Butylbenzene	11.93	105	297640	18.993	ug/l	99
86) p-Isopropyltoluene	12.05	119	282181	19.343	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	154877	18.951	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	154094	19.878	ug/l	100
89) n-Butylbenzene	12.37	91	239203	18.363	ug/l	99
90) Hexachloroethane	12.58	117	52674	18.310	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	146508	19.178	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21234	17.283	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

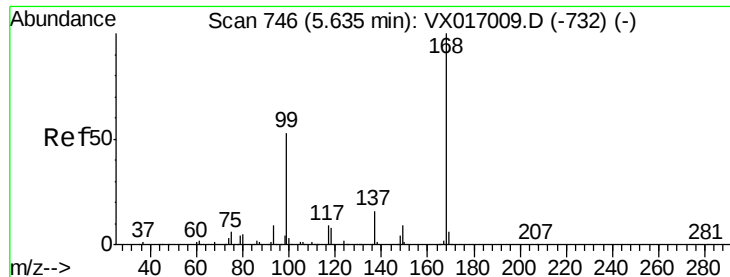
Manual Integrations
APPROVED

MMDadoda
7/7/2020 12:24:42 PM

Quant Time: Jul 06 16:23:28 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)
93) 1,2,4-Trichlorobenzene	13.63	180	103102	19.774	ug/l	98
94) Hexachlorobutadiene	13.76	225	37626	19.537	ug/l	97
95) Naphthalene	13.82	128	306016	19.305	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	96527	19.129	ug/l	97

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



#1

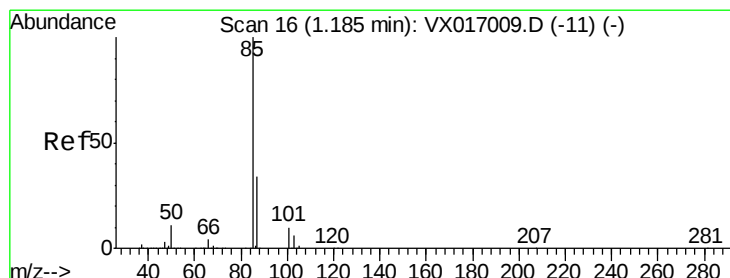
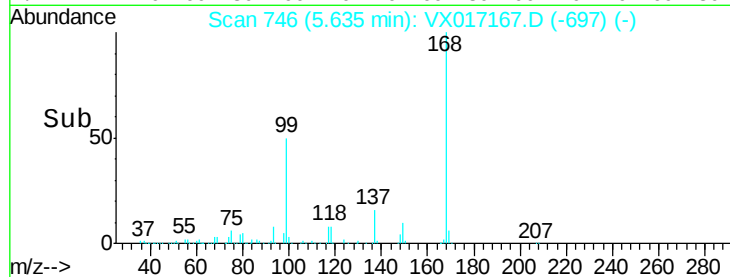
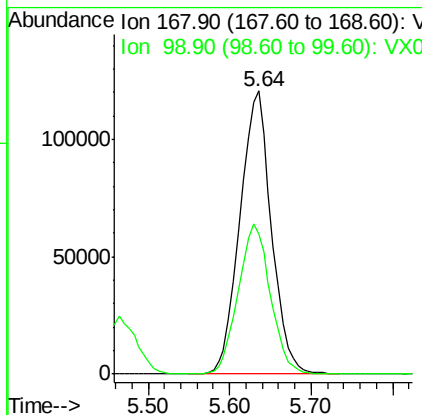
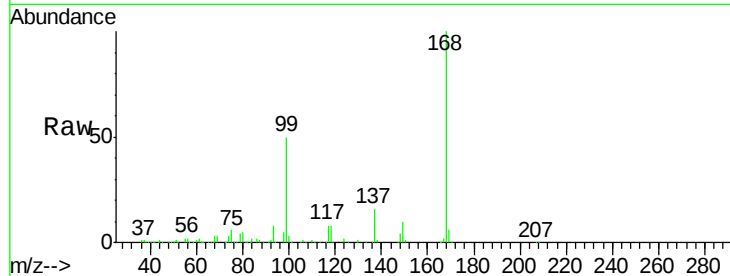
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	323240		
99	49.5	42.6	64.0	

Manual Integrations
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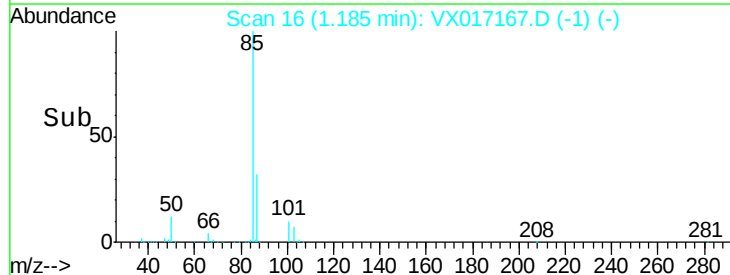
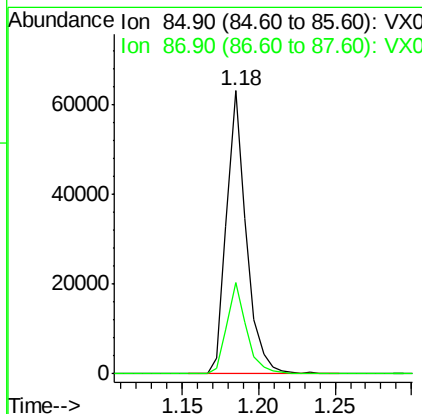
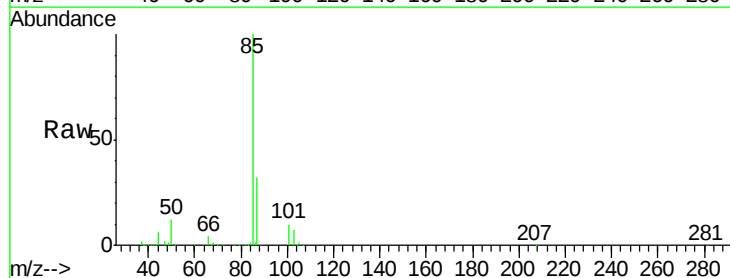
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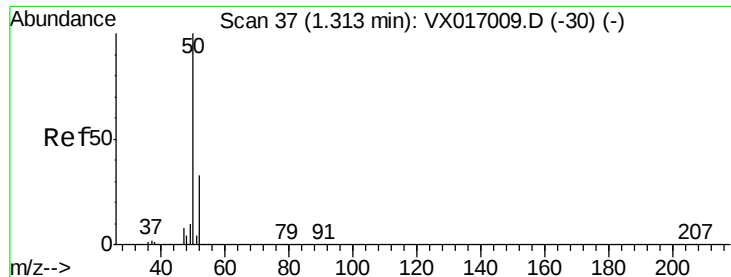


#2

Dichlorodifluoromethane
 Concen: 18.053 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	56454		
87	32.2	16.8	50.4	





#3

Chloromethane

Concen: 14.806 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 50 Resp: 56044

Ion Ratio Lower Upper

50 100

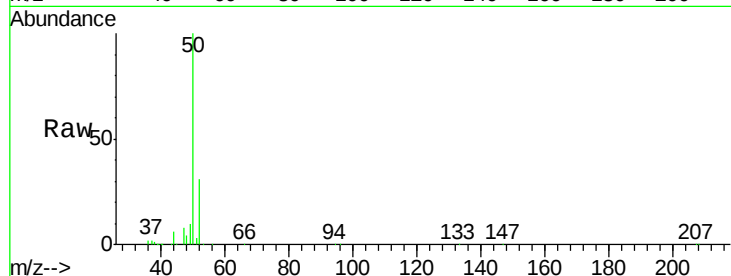
52 30.8 26.1 39.1

Manual Integrations

APPROVED

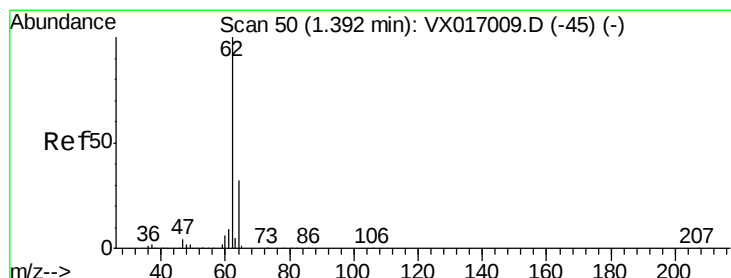
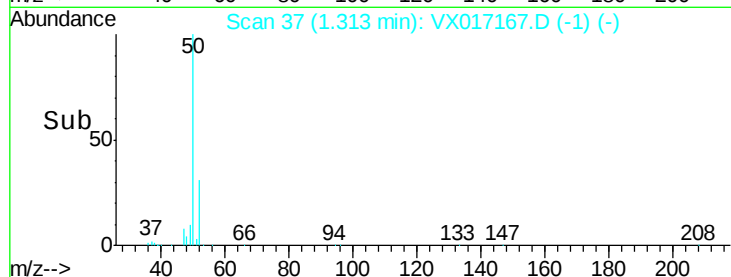
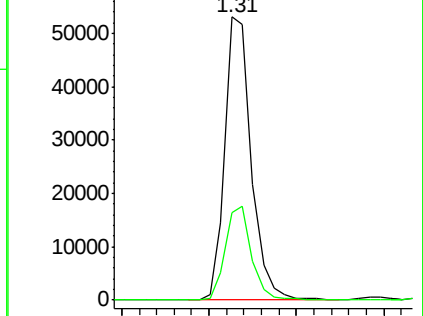
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.479 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017167.D

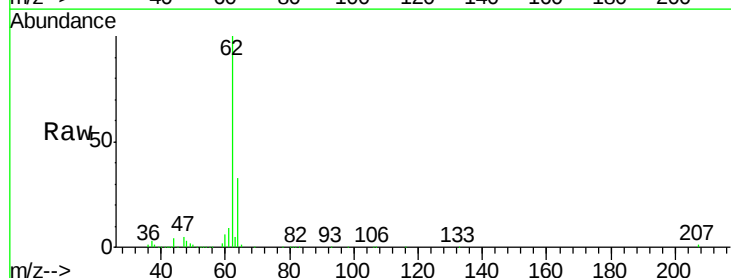
Acq: 06 Jul 2020 14:55

Tgt Ion: 62 Resp: 57874

Ion Ratio Lower Upper

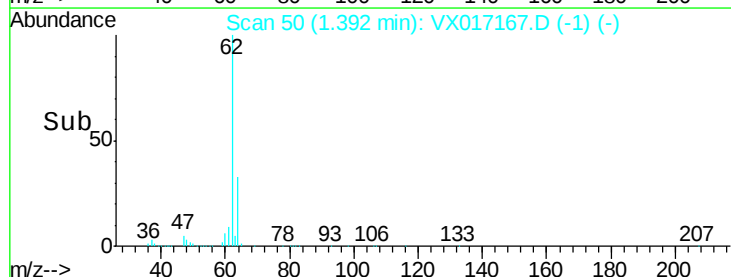
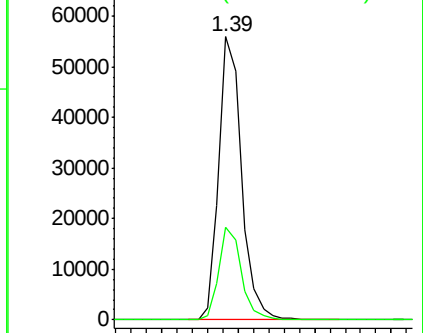
62 100

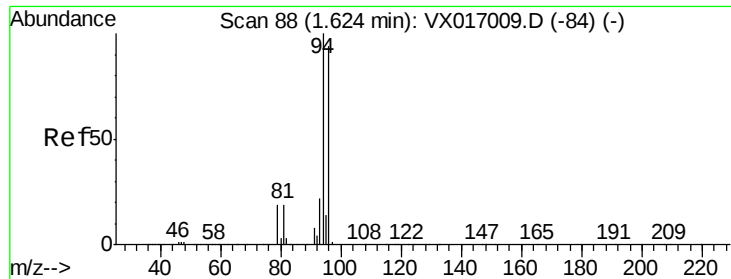
64 32.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.819 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 94 Resp: 38630

Ion Ratio Lower Upper

94 100

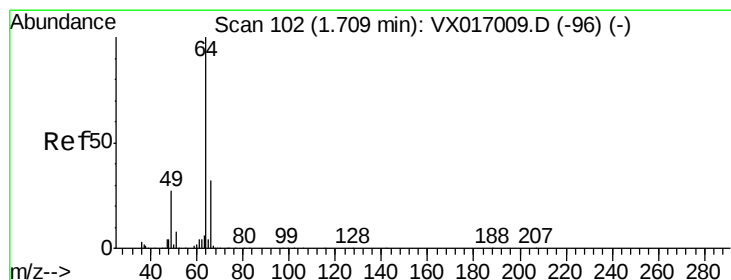
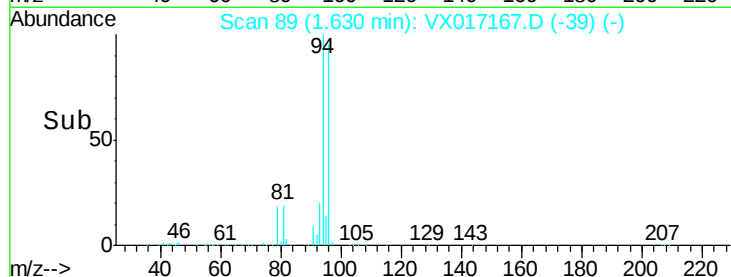
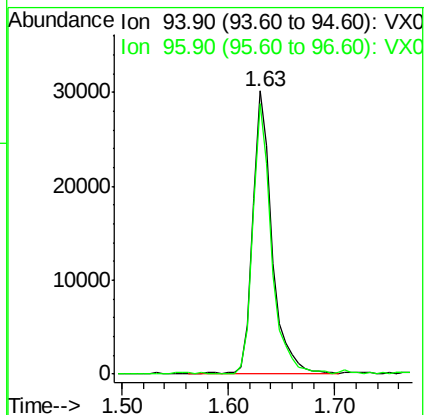
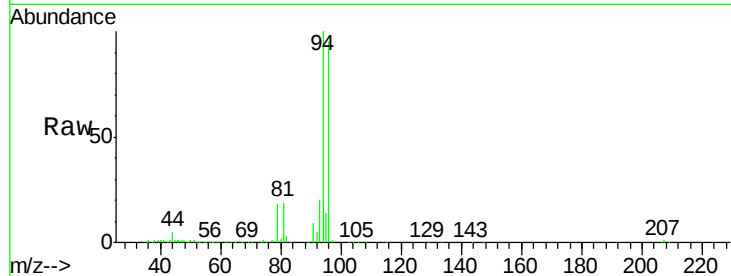
96 95.0 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 17.888 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017167.D

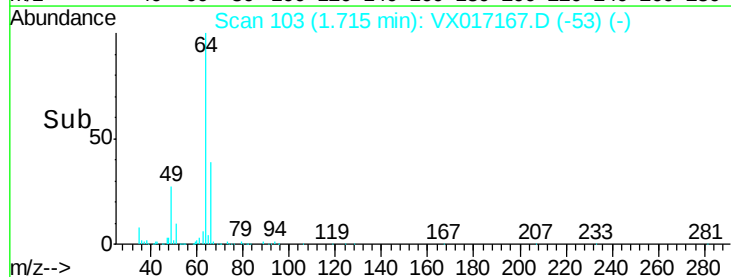
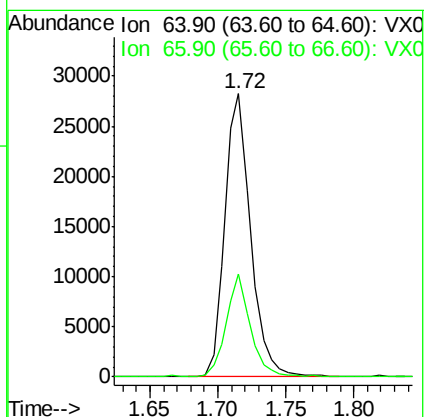
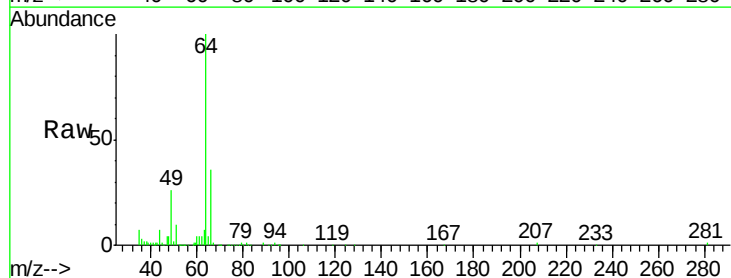
Acq: 06 Jul 2020 14:55

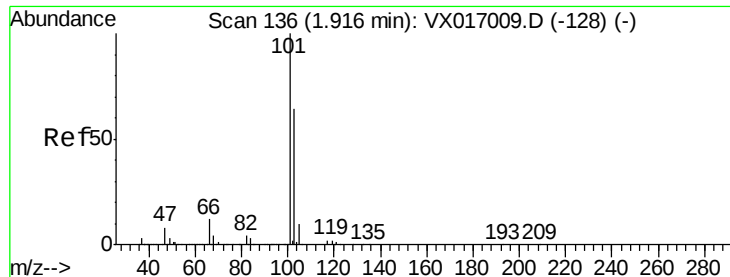
Tgt Ion: 64 Resp: 37104

Ion Ratio Lower Upper

64 100

66 36.4 25.5 38.3





#7

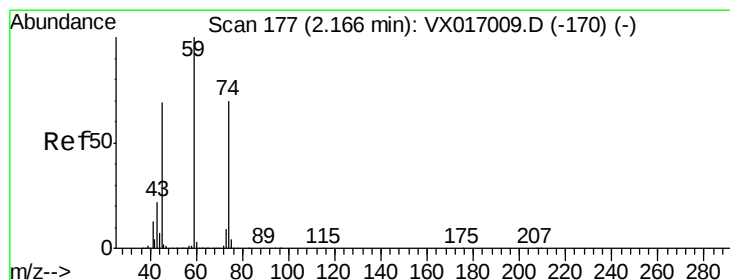
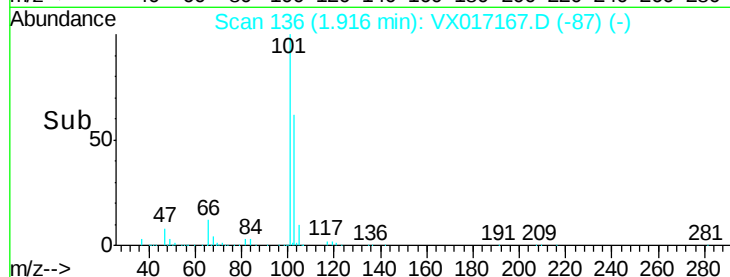
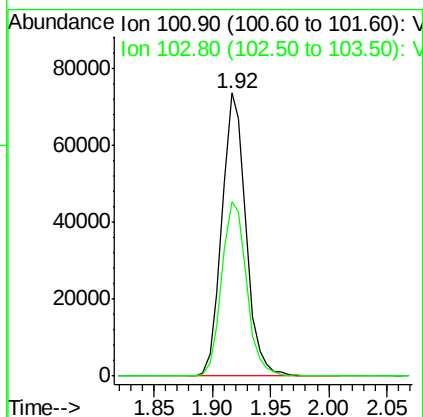
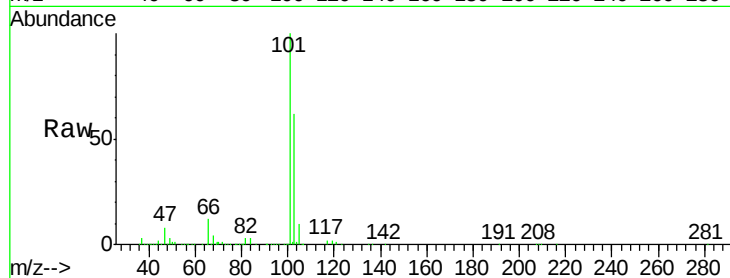
Trichlorofluoromethane
Concen: 20.147 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	51.5	77.3

Manual Integrations
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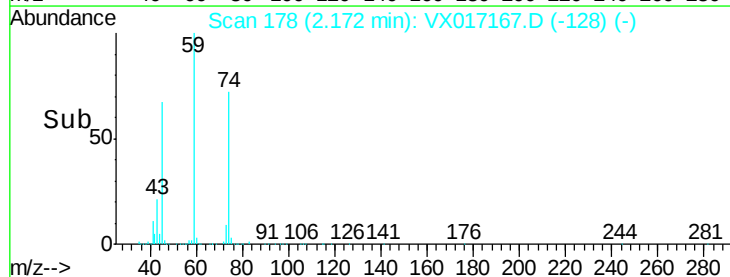
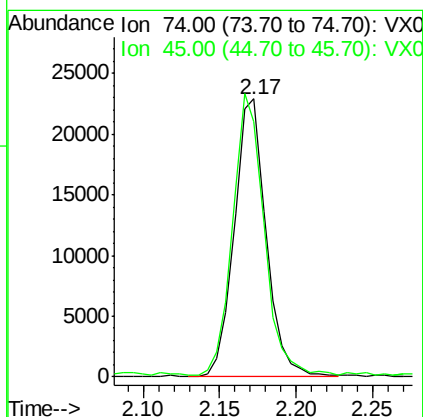
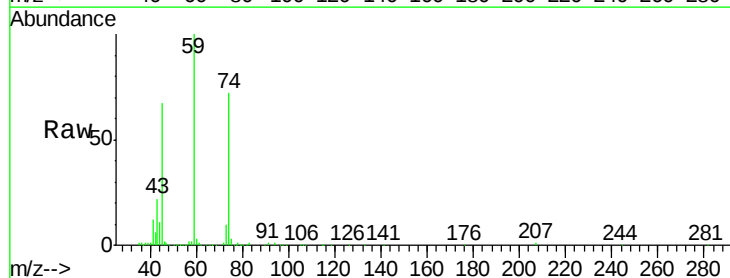
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7/7/2020 12:24:42 PM

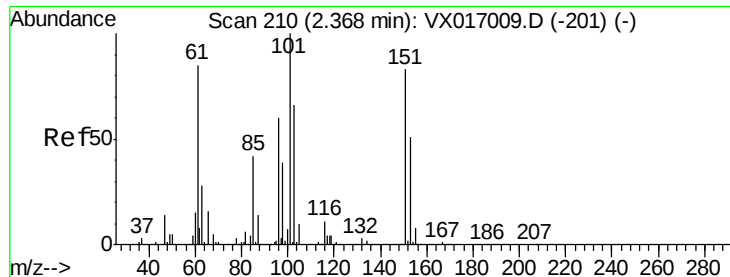


#8

Diethyl Ether
Concen: 19.197 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.993 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

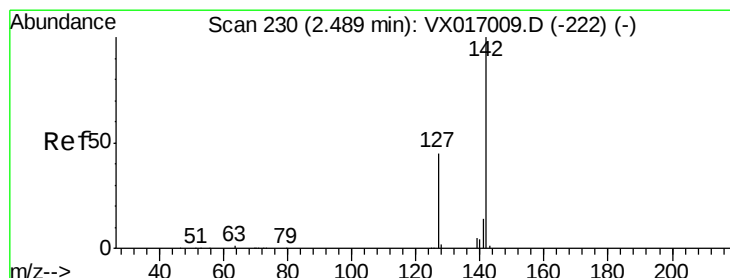
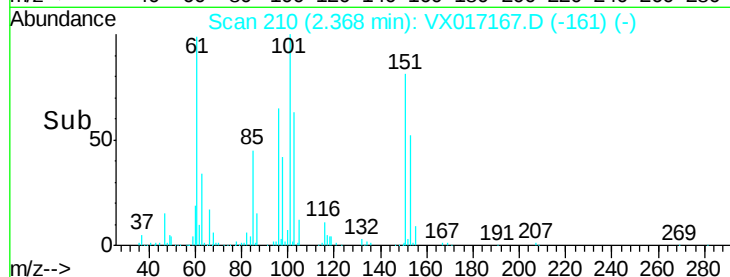
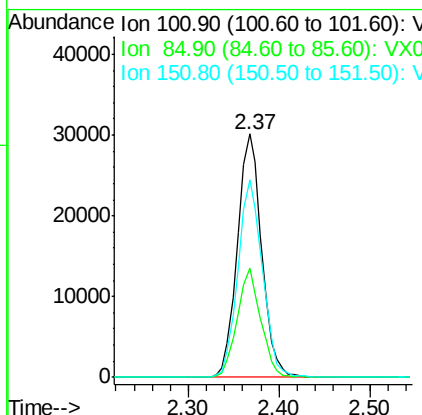
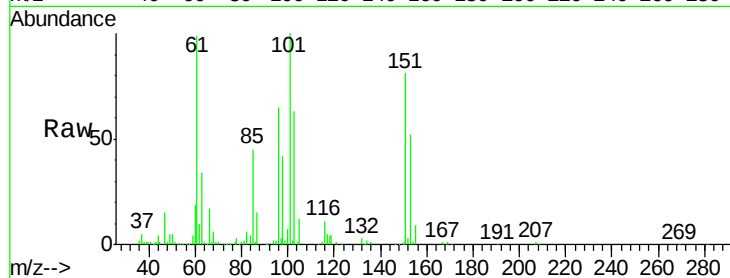
ClientSampleId :

VX0706WBS01

Tot Ion:	101	Resp:	56014
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.5	50.3
151	82.1	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 13.107 ug/l

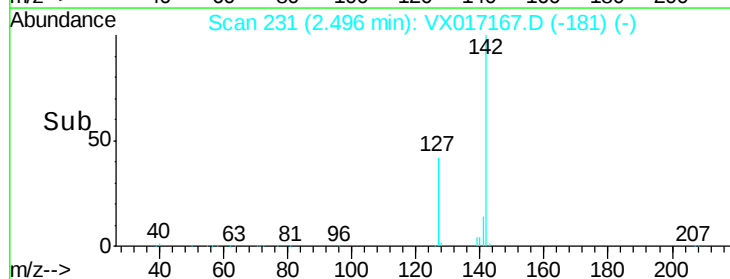
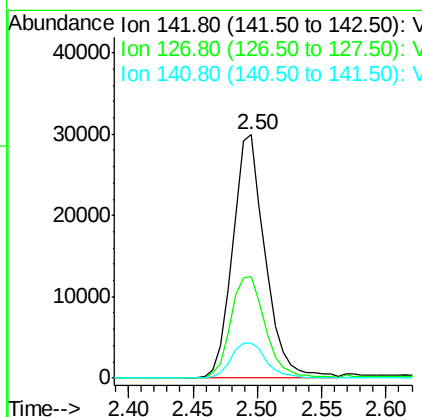
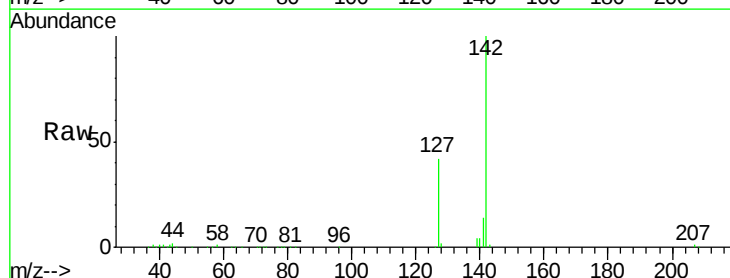
RT: 2.50 min Scan# 231

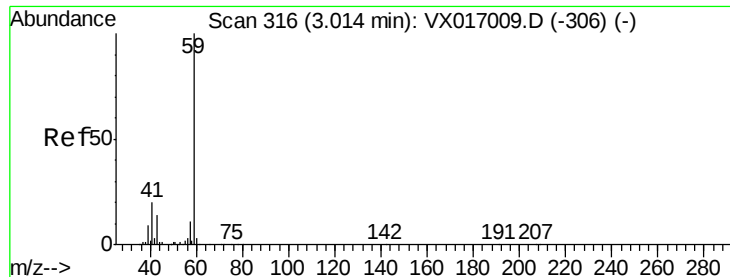
Delta R.T. 0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion:	142	Resp:	52649
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.6	54.8
141	15.5	11.6	17.4





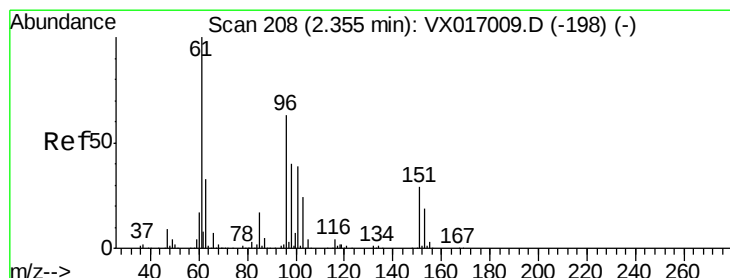
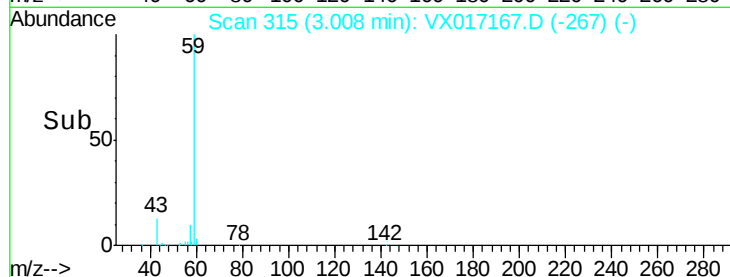
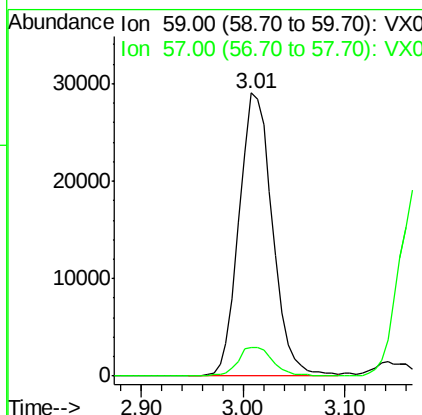
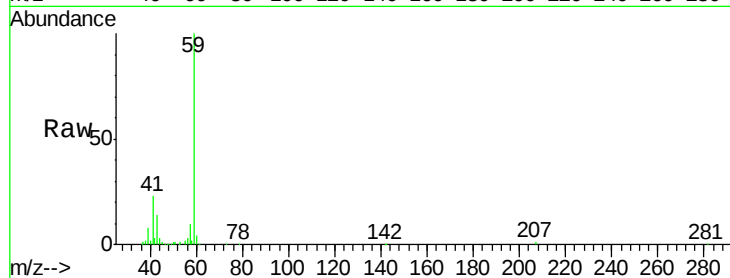
#11
Tert butyl alcohol
Concen: 87.228 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.2

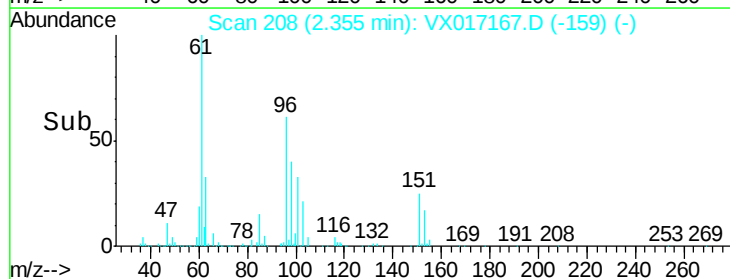
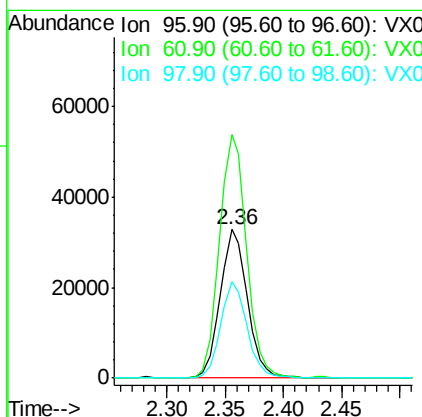
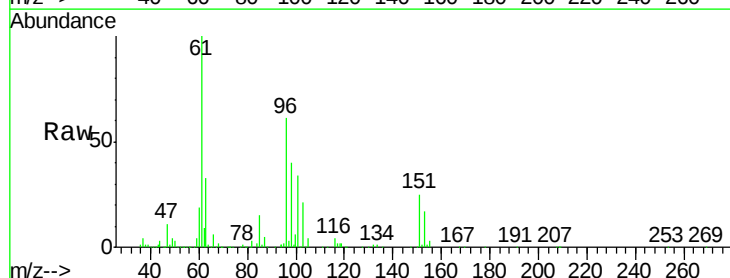
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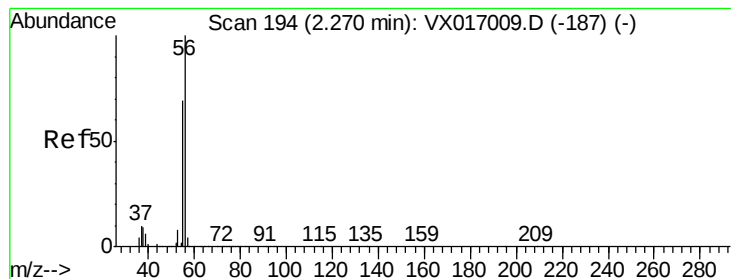
MMDadoda
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#12
1,1-Dichloroethene
Concen: 16.481 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	126.3	189.5
98	65.5	51.0	76.6





#13

Acrolein

Concen: 49.206 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 56 Resp: 22361

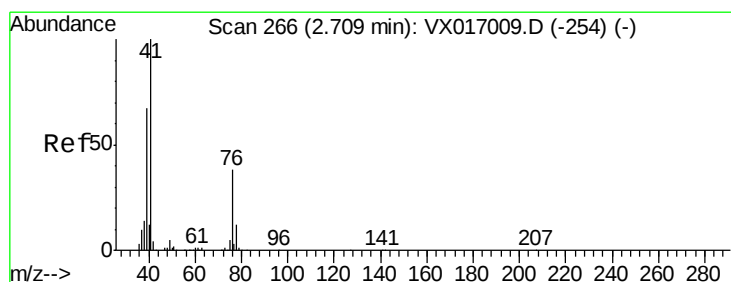
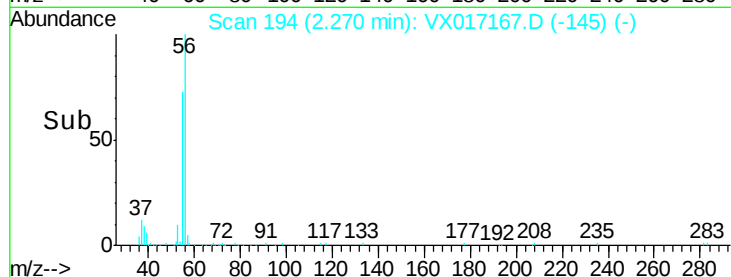
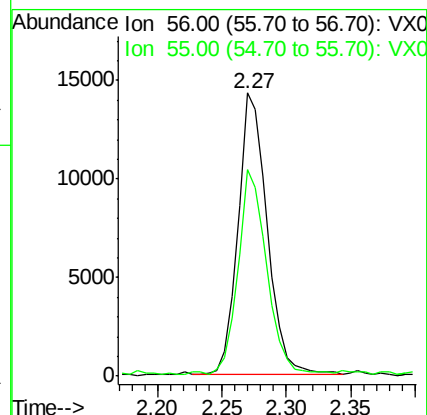
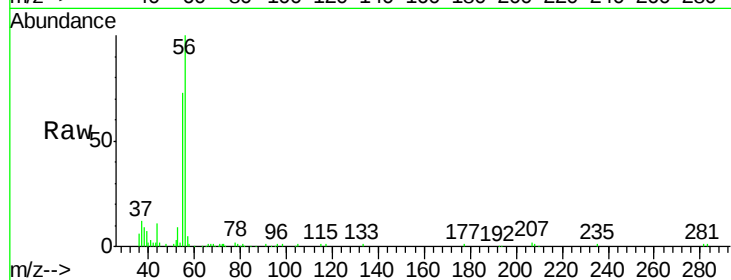
Ion Ratio Lower Upper

56 100

55 71.4 55.7 83.5

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#14

Allyl chloride

Concen: 16.356 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

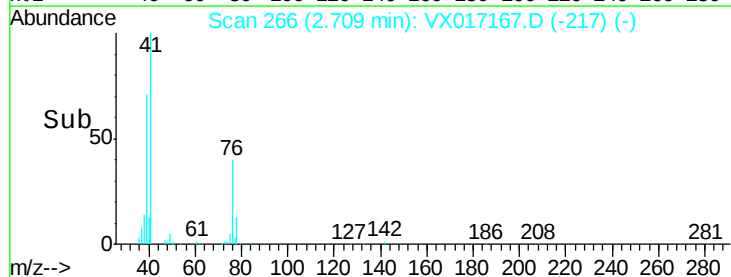
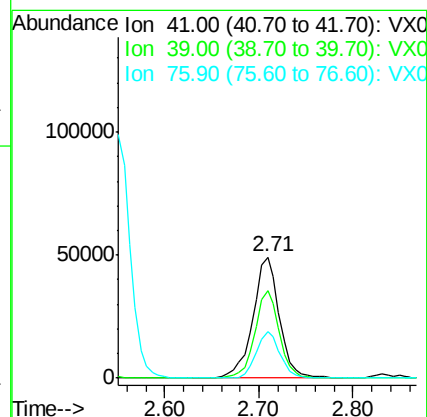
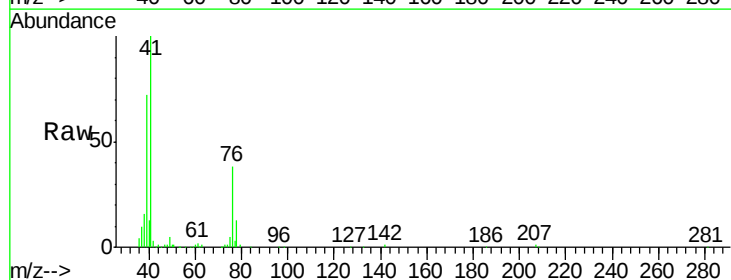
Tgt Ion: 41 Resp: 96666

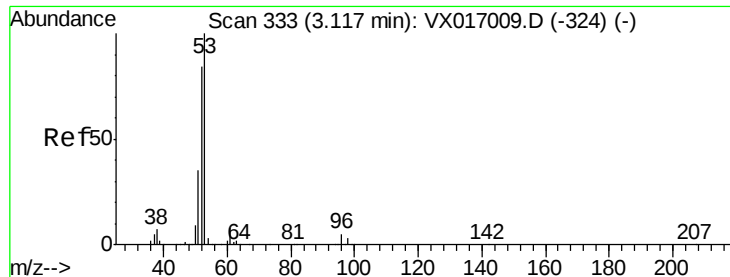
Ion Ratio Lower Upper

41 100

39 67.3 49.4 74.2

76 34.7 26.8 40.2





#15

Acrylonitrile

Concen: 84.438 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

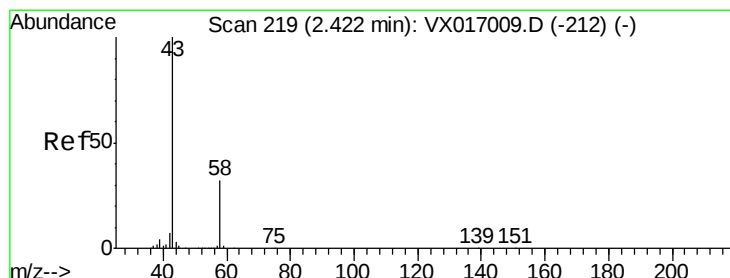
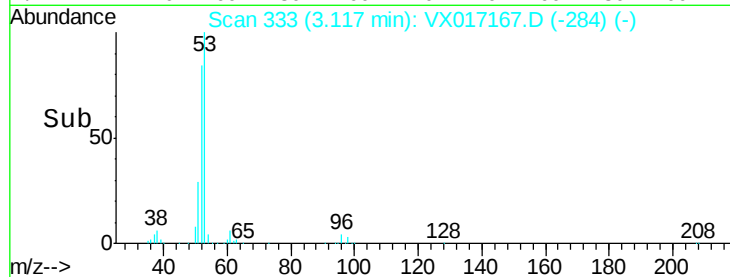
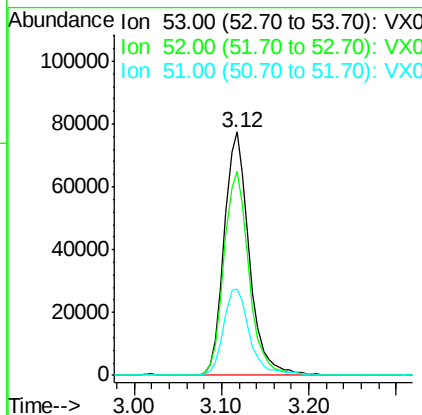
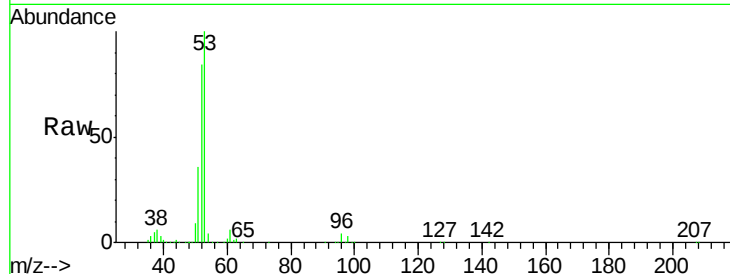
ClientSampled :

VX0706WBS01

Tot Ion:	53	Resp:	154309
Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.6	98.4
51	37.5	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 87.291 ug/l

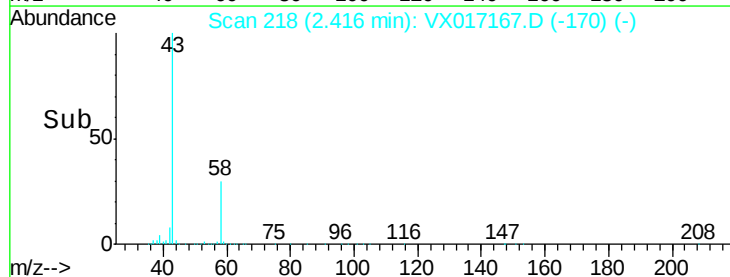
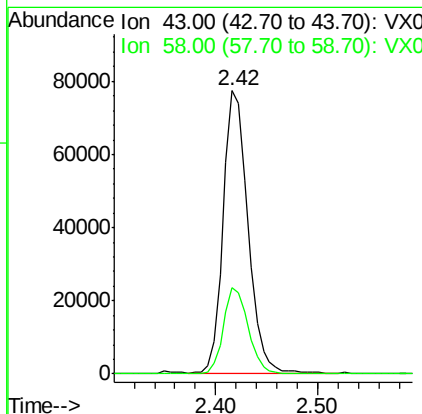
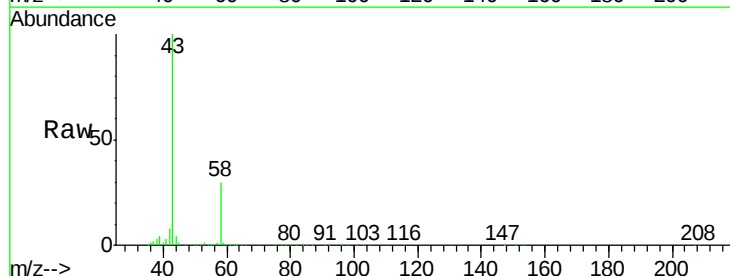
RT: 2.42 min Scan# 218

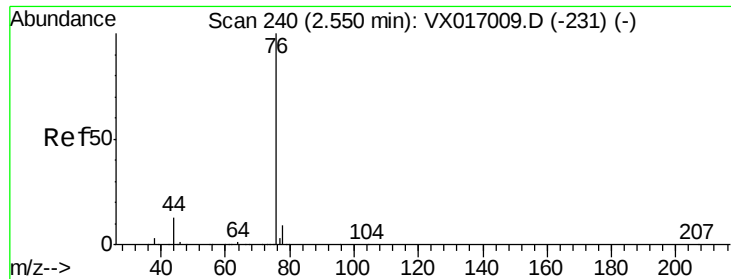
Delta R.T. -0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion:	43	Resp:	130126
Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.7	38.5





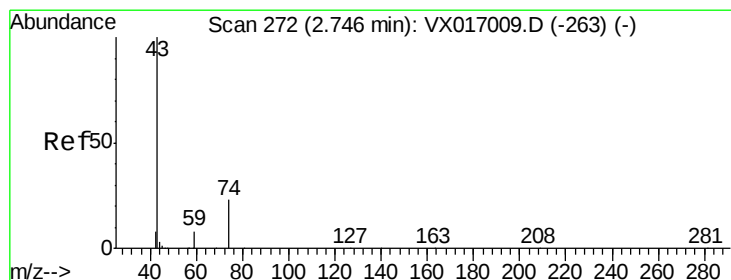
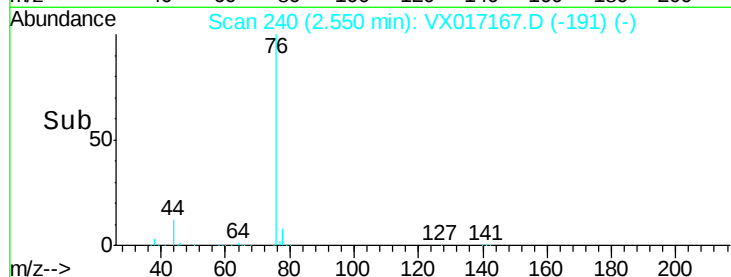
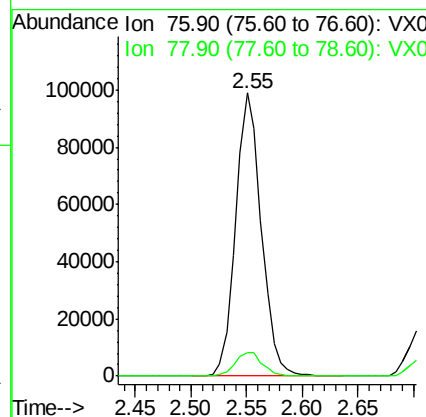
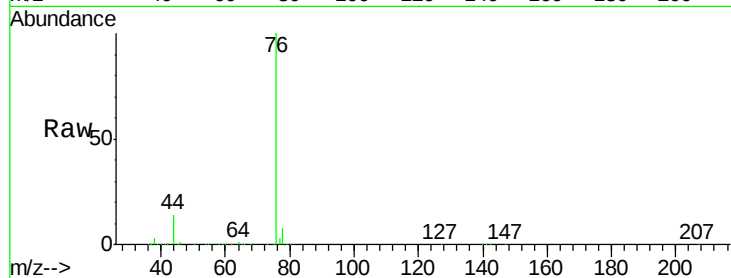
#17
Carbon Disulfide
Concen: 17.685 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.2	10.8

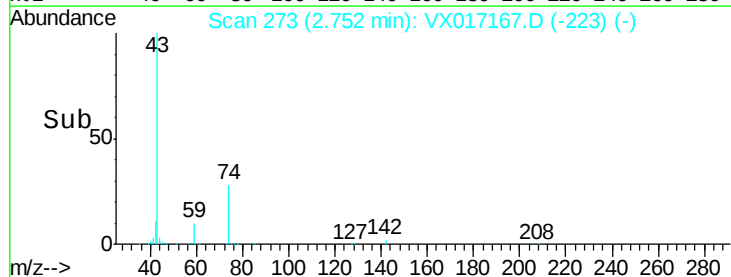
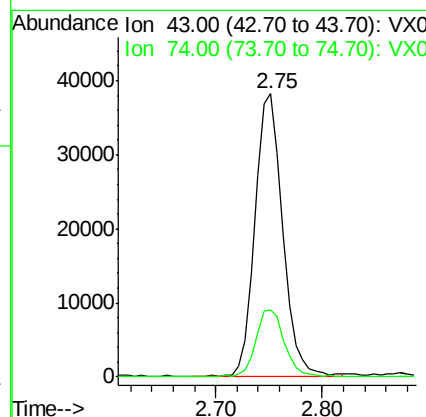
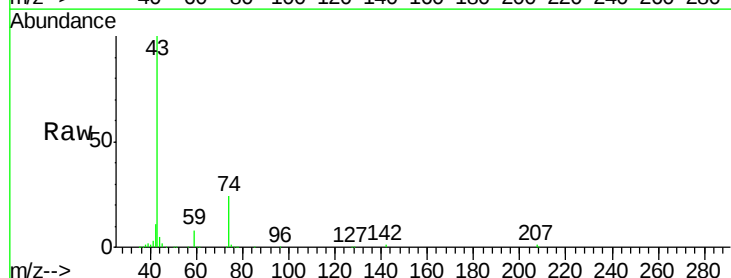
Manual Integrations
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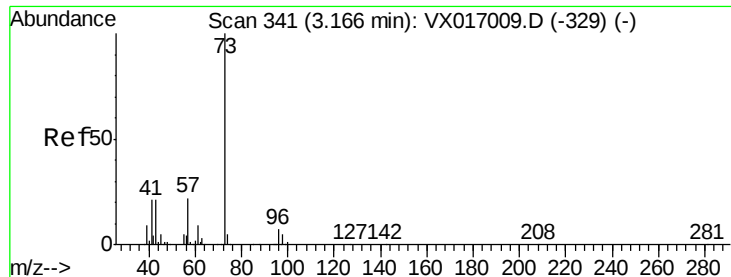
MMDadoda
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#18
Methyl Acetate
Concen: 18.022 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.3	28.9





#19

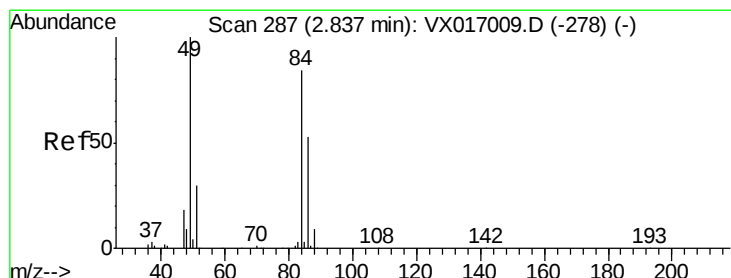
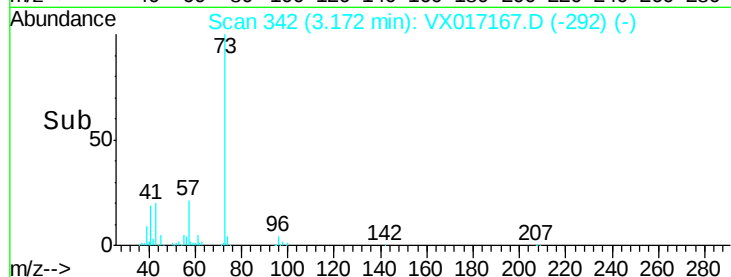
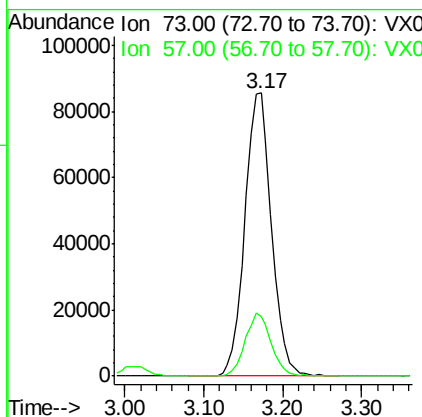
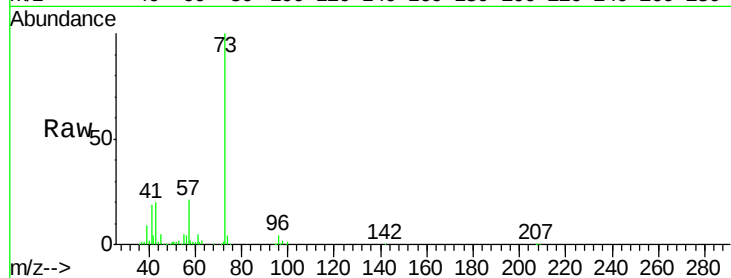
Methyl tert-butyl Ether
 Concen: 18.706 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.6	26.4

Manual Integrations
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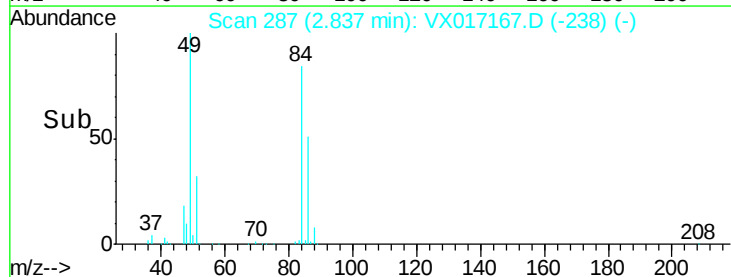
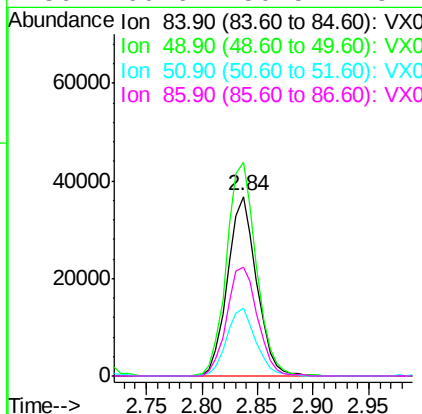
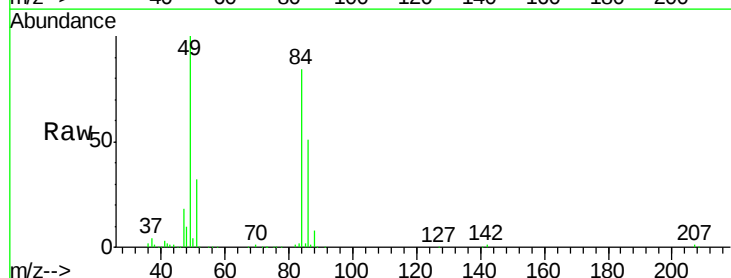
MMDadoda
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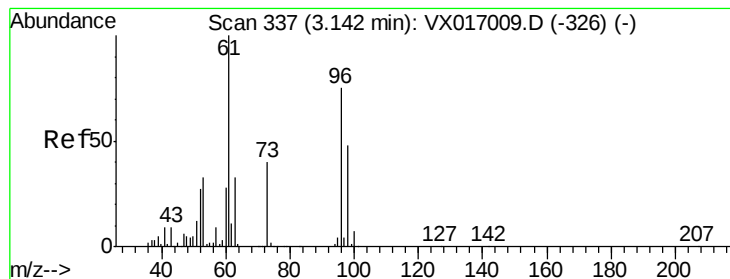


#20

Methylene Chloride
 Concen: 18.955 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	94.7	142.1
51	37.5	28.6	42.8
86	60.6	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 17.968 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 96 Resp: 63768

Ion Ratio Lower Upper

96 100

61 138.3 107.0 160.6

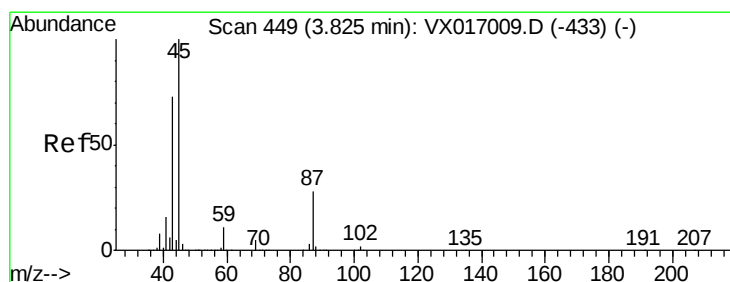
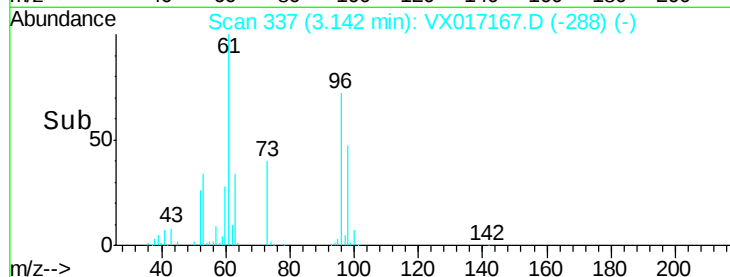
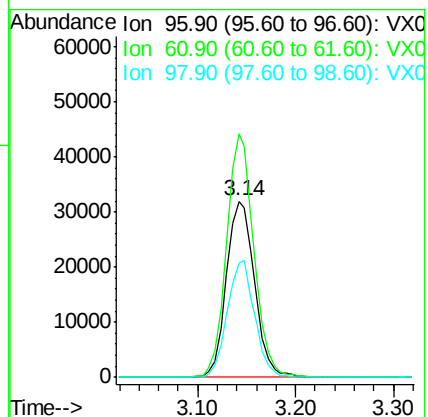
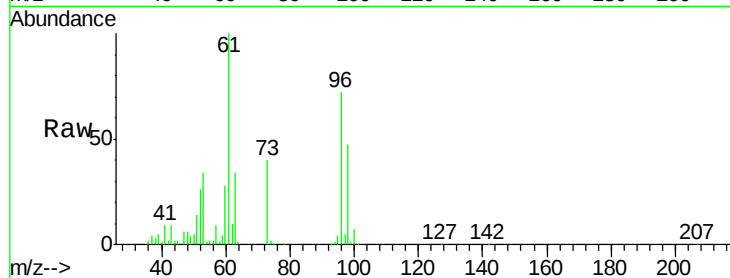
98 65.1 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.852 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion: 45 Resp: 195275

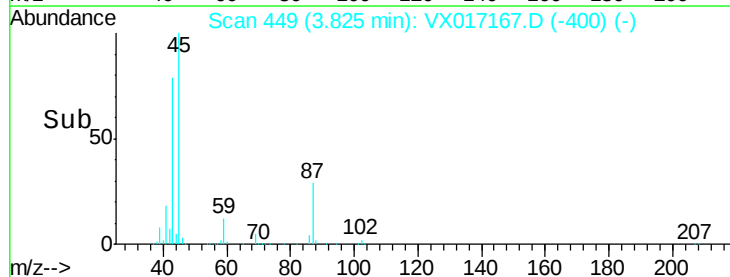
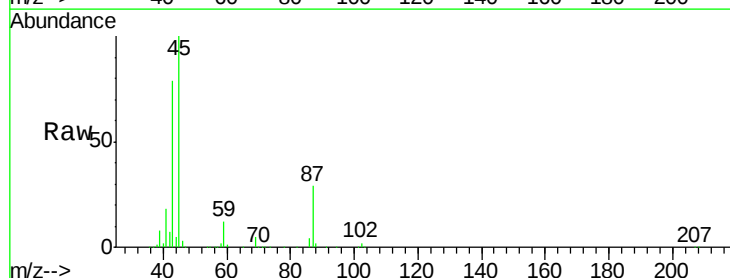
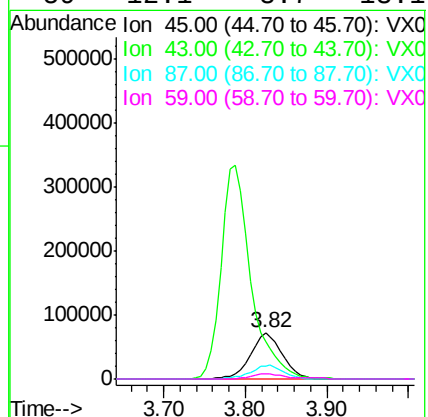
Ion Ratio Lower Upper

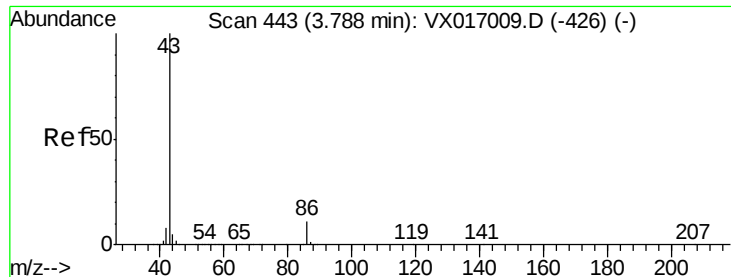
45 100

43 79.0 58.6 88.0

87 29.0 22.6 34.0

59 12.1 8.7 13.1





#23

Vinyl Acetate

Concen: 90.516 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 43 Resp: 850832

Ion Ratio Lower Upper

43 100

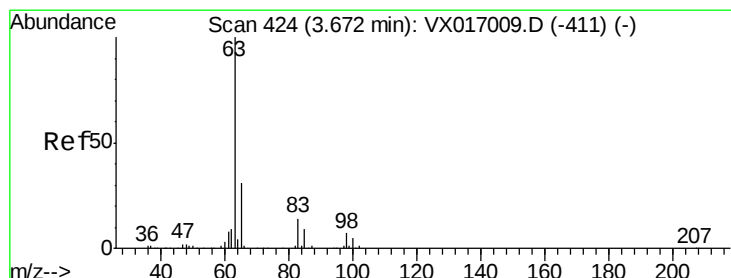
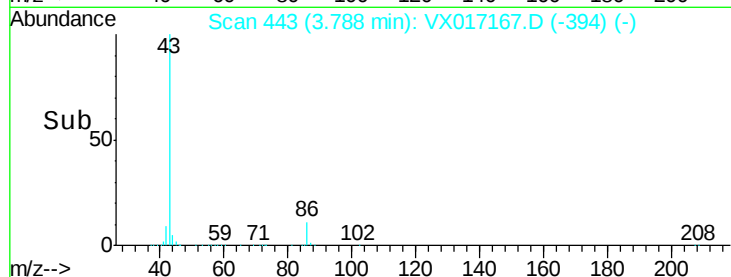
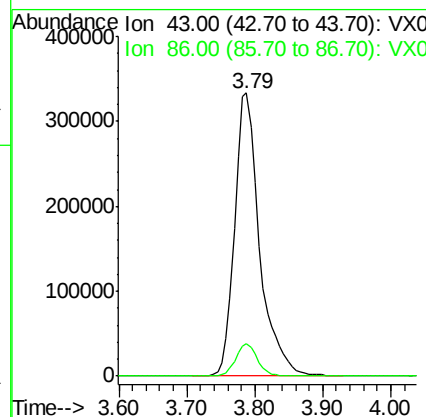
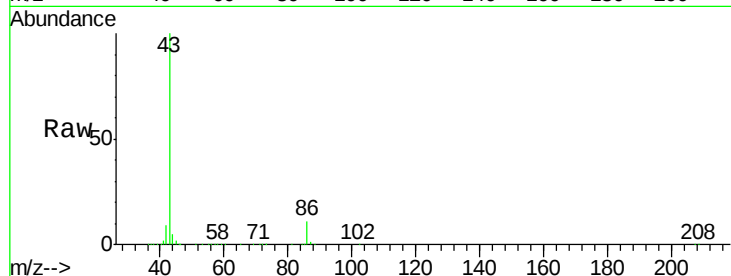
86 11.4 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.612 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

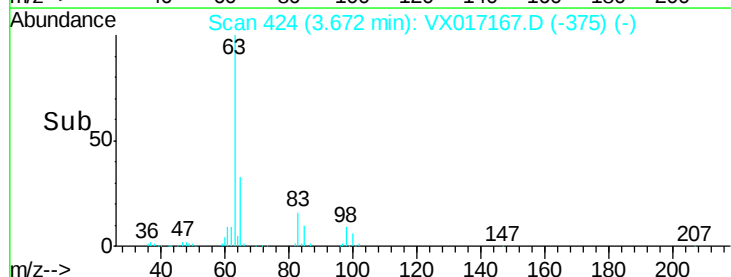
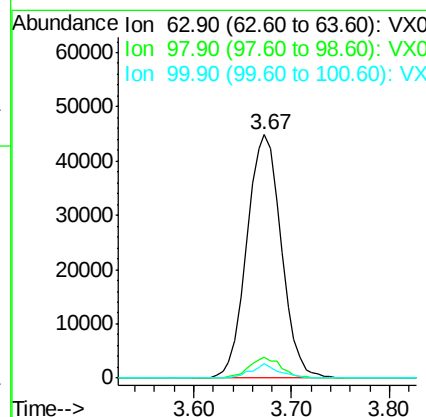
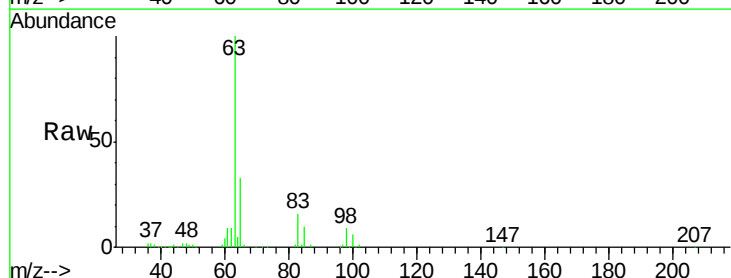
Tgt Ion: 63 Resp: 109616

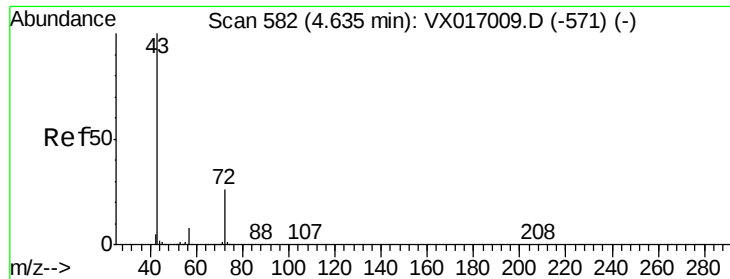
Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.8

100 5.9 2.4 7.1





#25

2-Butanone

Concen: 84.953 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tot Ion: 43 Resp: 211015

Ion Ratio Lower Upper

43 100

72 26.1 20.8 31.2

Instrument :

MSVOA_X

ClientSampleId :

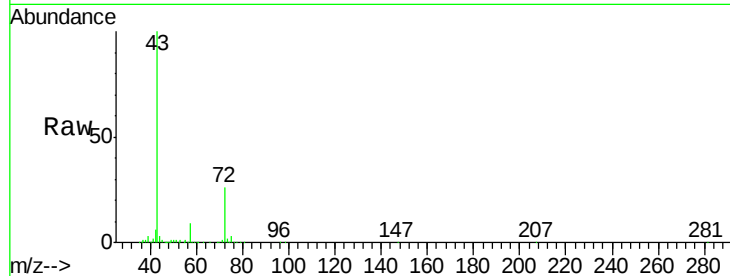
VX0706WBS01

Manual Integrations

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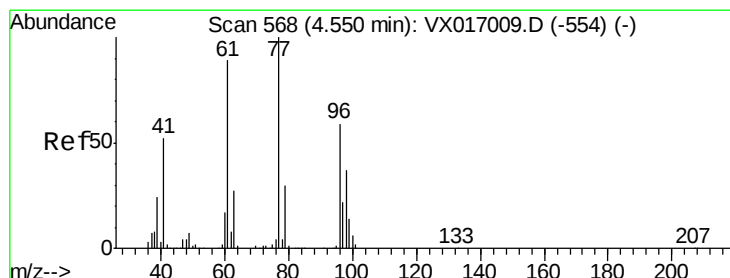
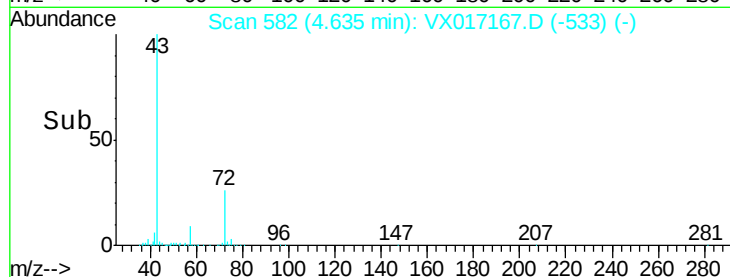
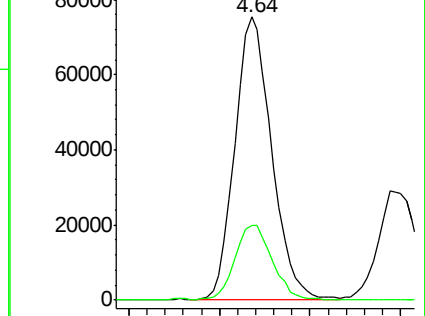
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.604 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017167.D

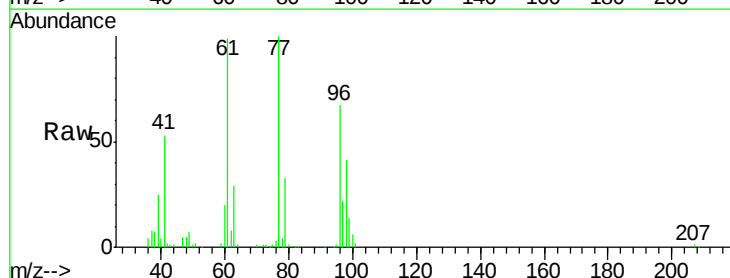
Acq: 06 Jul 2020 14:55

Tgt Ion: 77 Resp: 102815

Ion Ratio Lower Upper

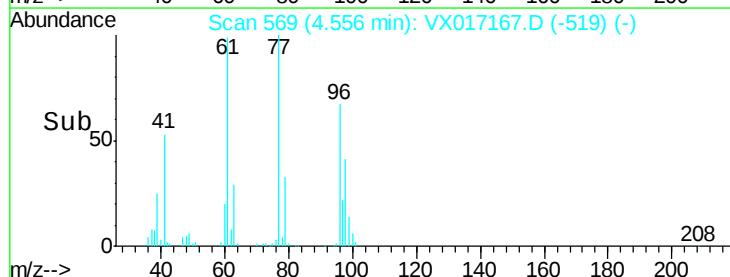
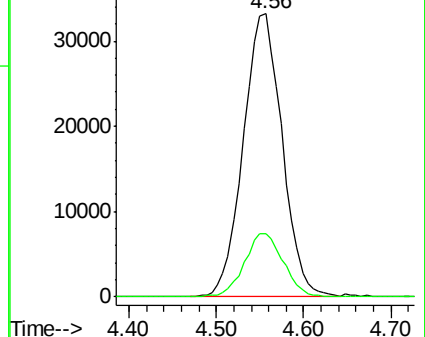
77 100

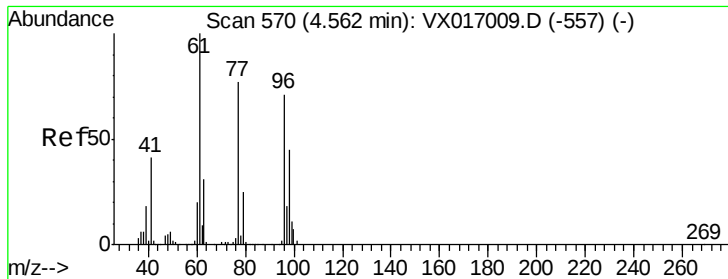
97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

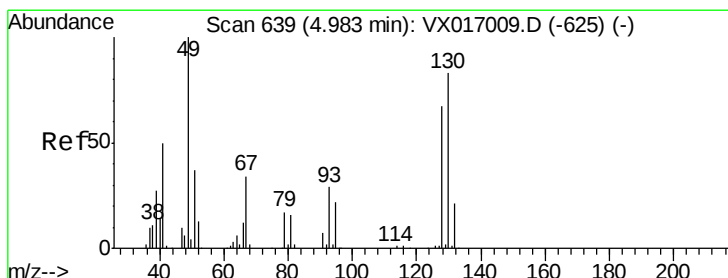
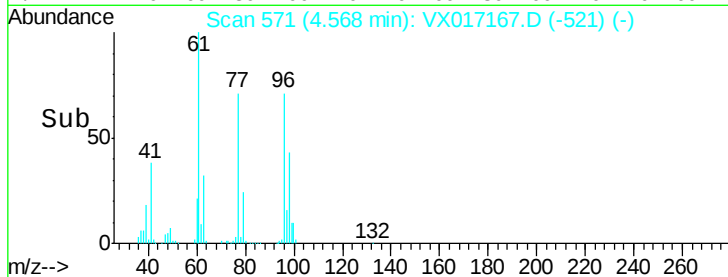
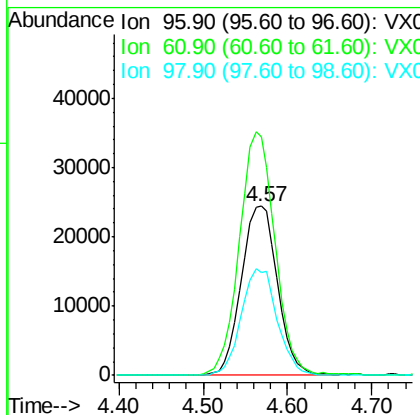
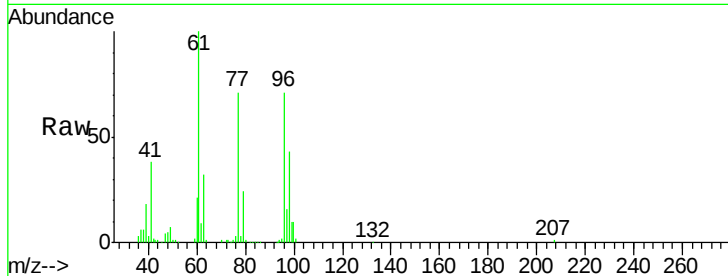
cis-1,2-Dichloroethene
 Concen: 17.664 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	282.8
98	62.6	0.0	127.6

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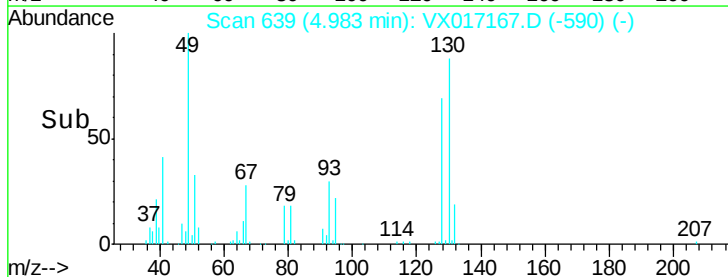
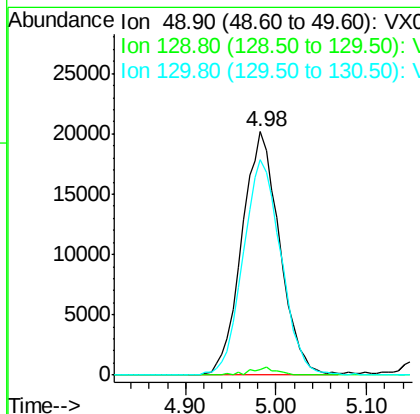
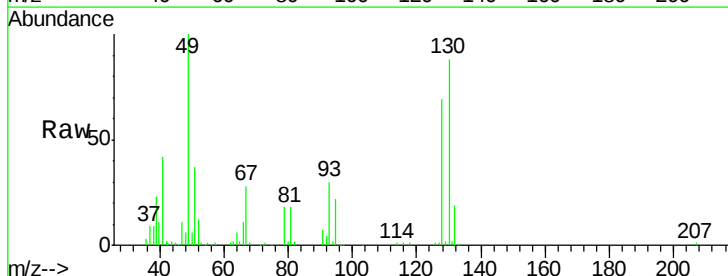
MMDadoda
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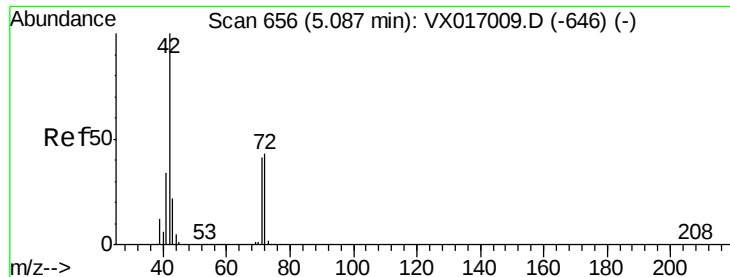


#28

Bromochloromethane
 Concen: 19.216 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	88.9	66.6	100.0





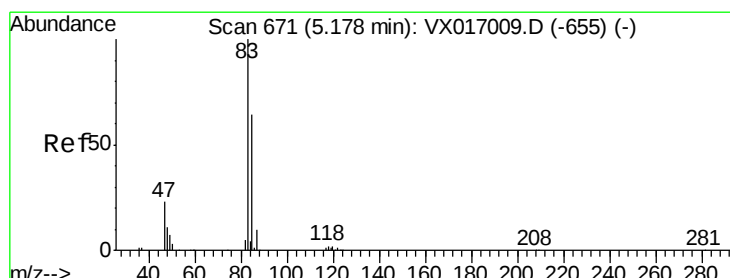
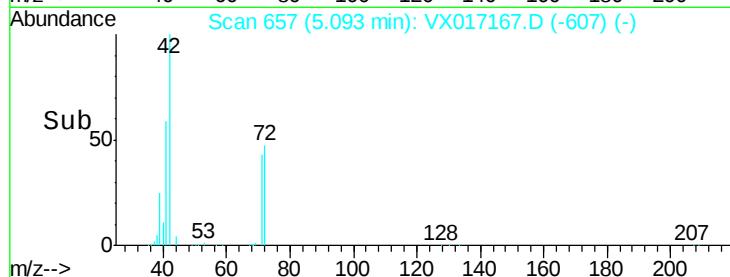
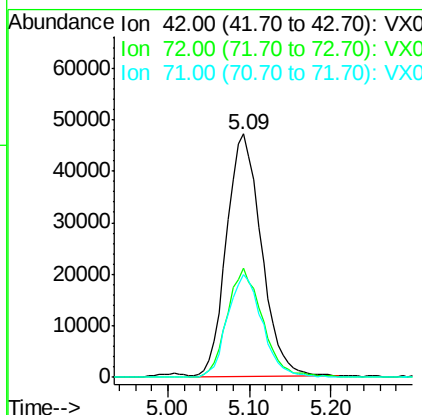
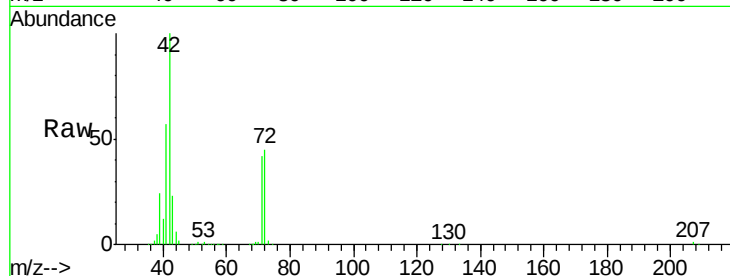
#29
Tetrahydrofuran
Concen: 85.059 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	139596		
72	45.7		35.3	52.9
71	42.0		33.1	49.7

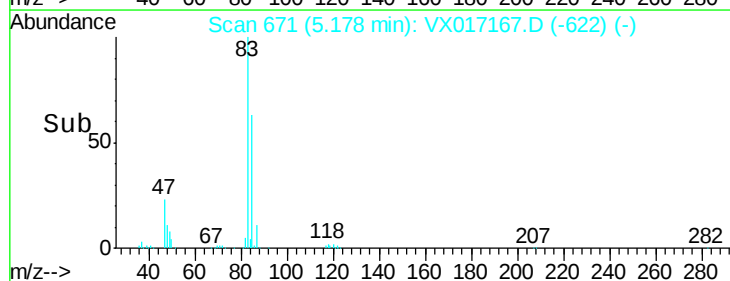
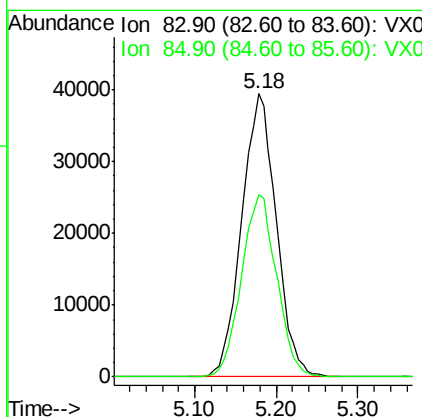
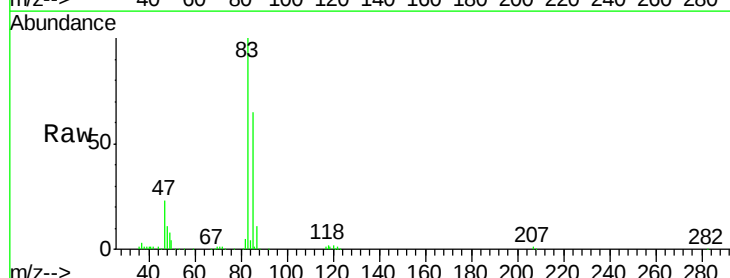
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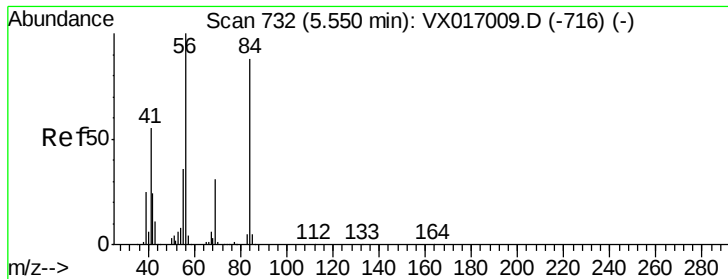
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#30
Chloroform
Concen: 18.222 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	116260		
85	64.6		51.4	77.2





#31

Cyclohexane

Concen: 17.504 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

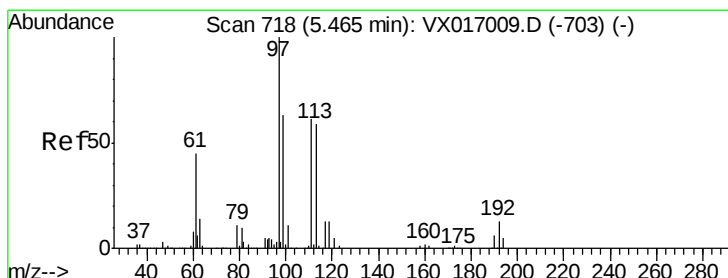
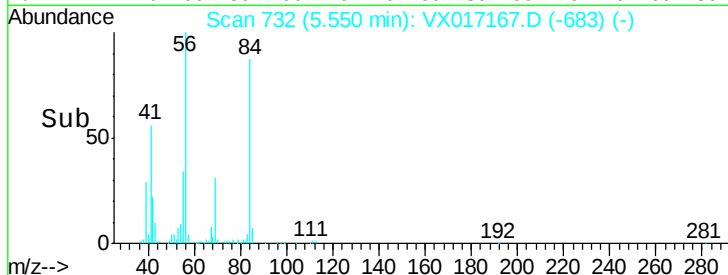
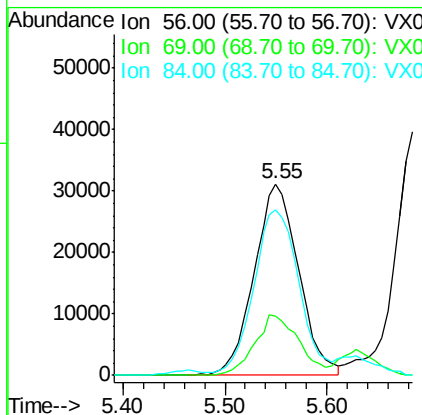
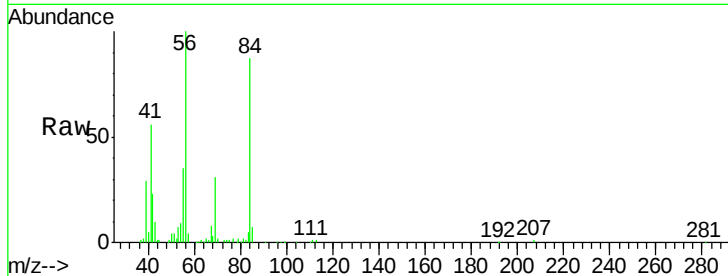
ClientSampleId :

VX0706WBS01

Tot Ion:	56	Resp:	94172
Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.0	37.4
84	83.7	69.1	103.7

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#32

1,1,1-Trichloroethane

Concen: 18.860 ug/l

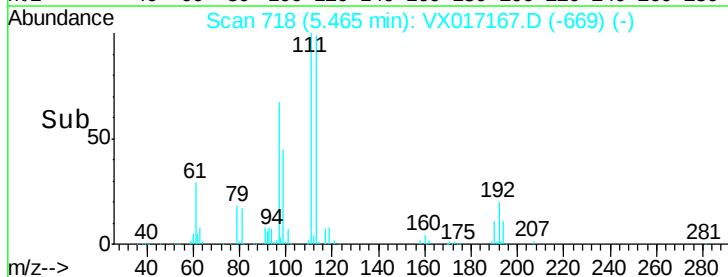
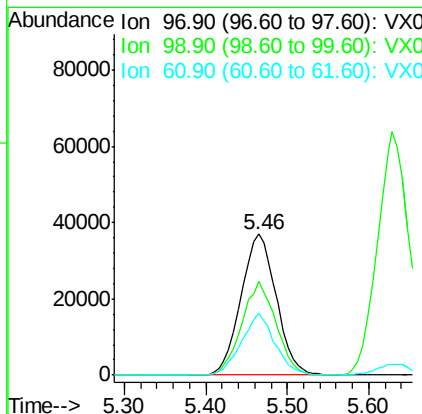
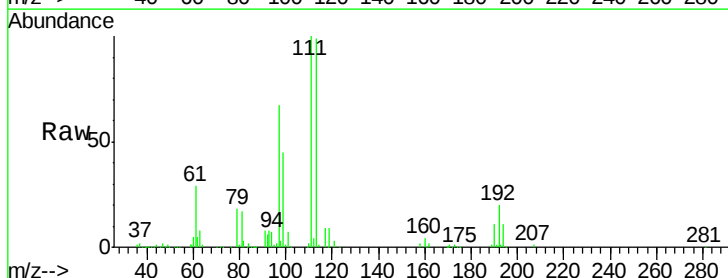
RT: 5.46 min Scan# 718

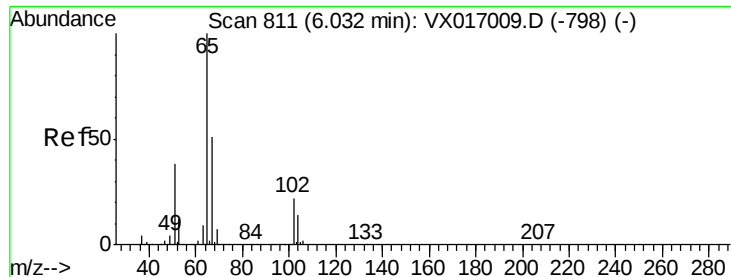
Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion:	97	Resp:	110823
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	41.8	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 48.895 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 65 Resp: 194841

Ion Ratio Lower Upper

65 100

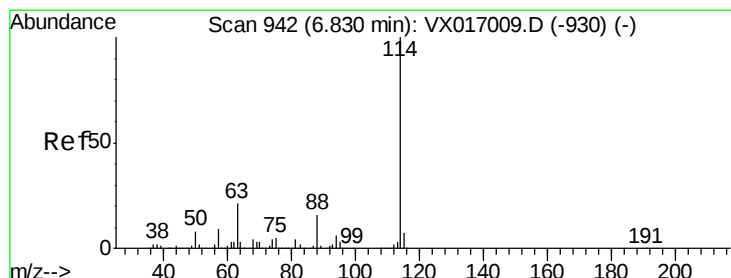
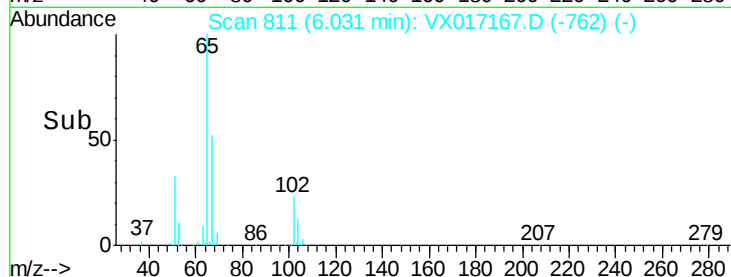
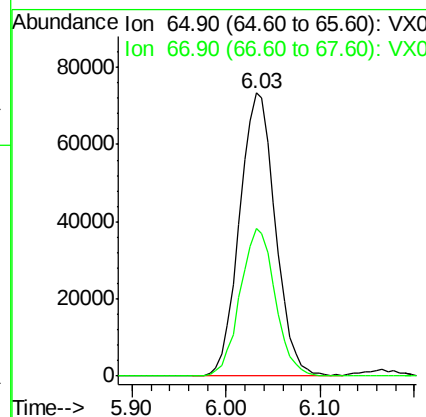
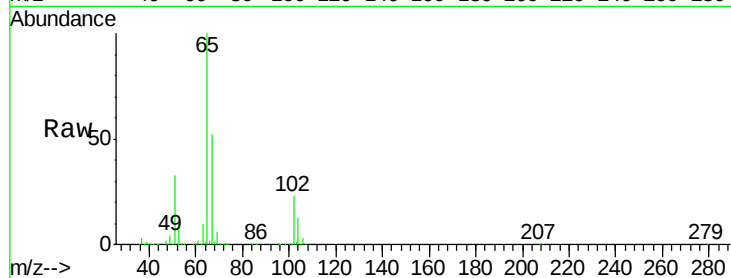
67 51.3 0.0 103.8

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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: VX017167.D

Acq: 06 Jul 2020 14:55

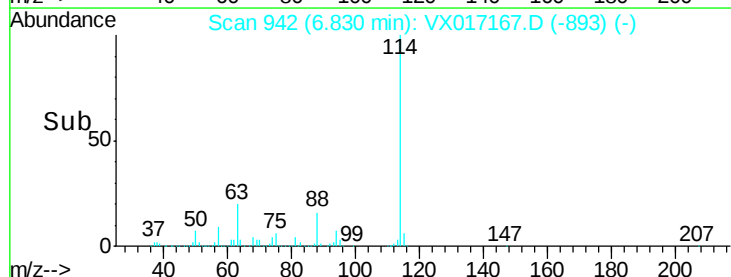
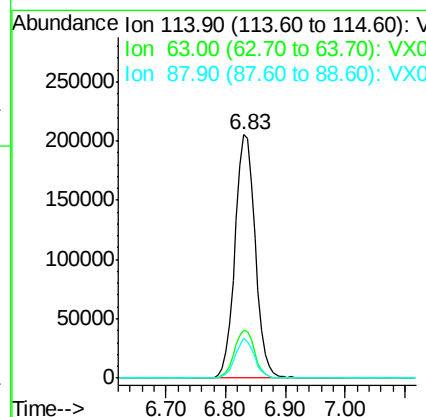
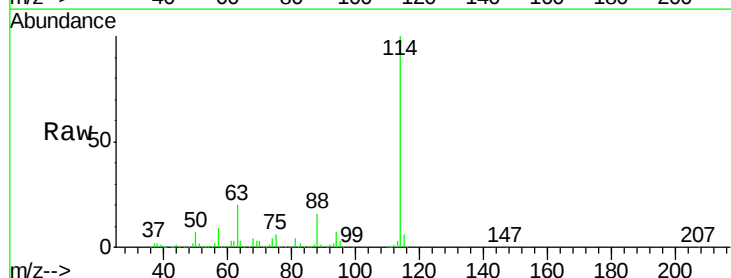
Tgt Ion: 114 Resp: 484962

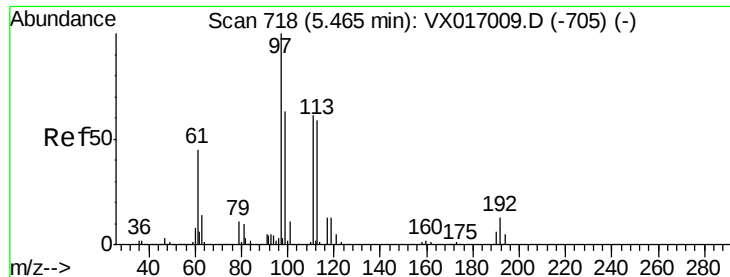
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

88 16.4 0.0 32.4





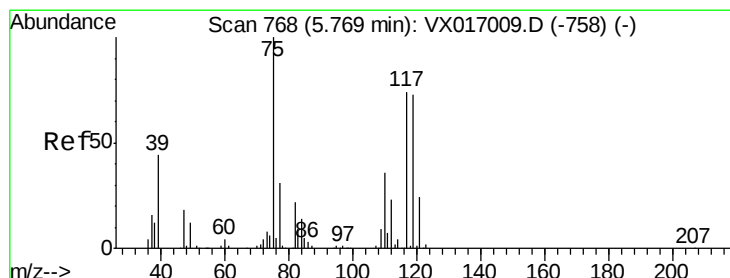
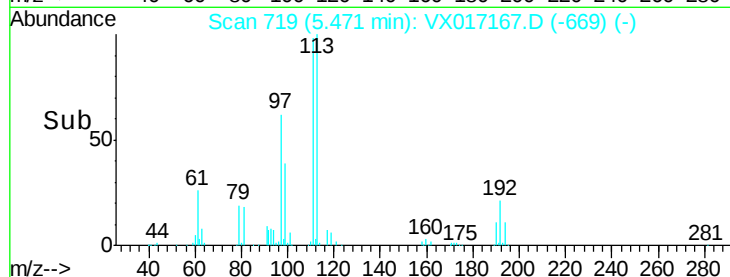
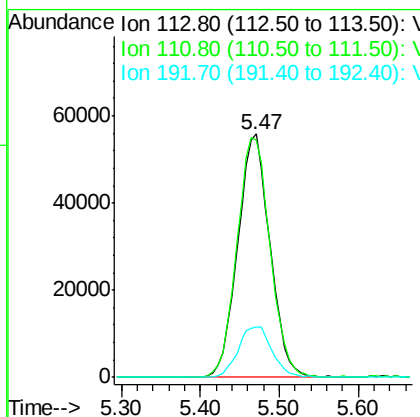
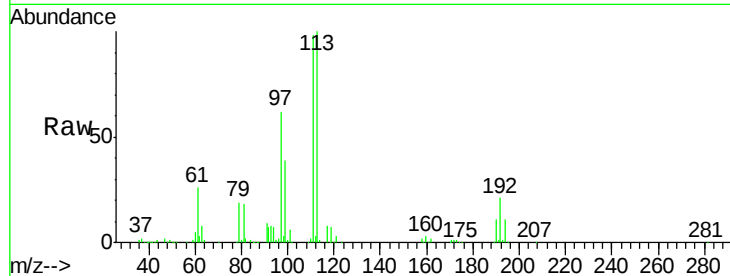
#35
 Dibromofluoromethane
 Concen: 51.591 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	158266		
111	101.7	81.9	122.9	
192	22.0	16.7	25.1	

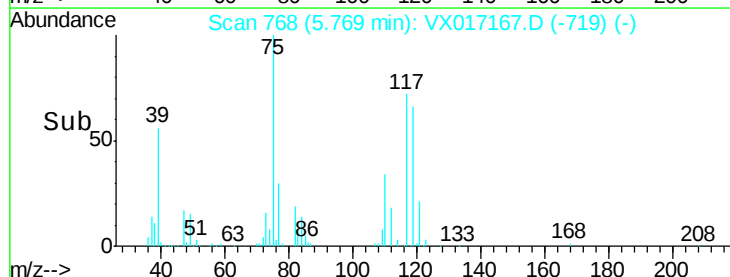
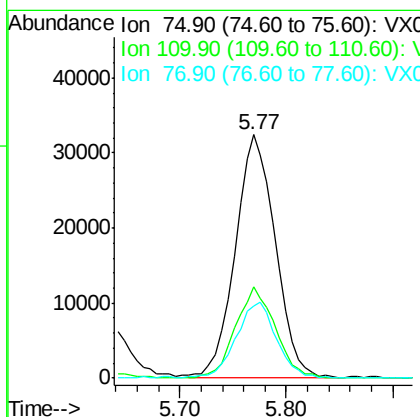
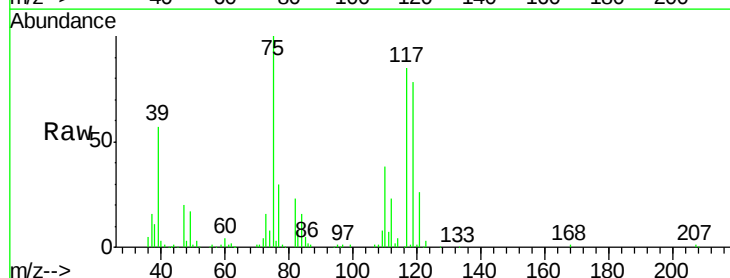
Manual Integrations
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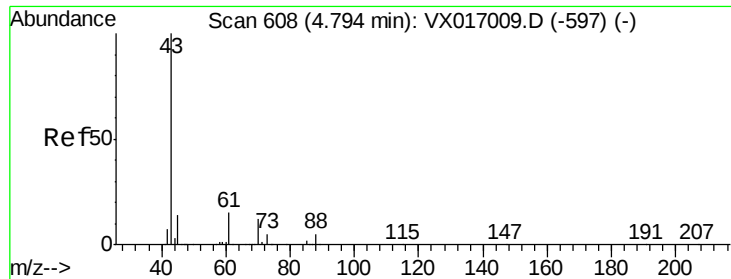
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#36
 1,1-Dichloropropene
 Concen: 18.466 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84640		
110	37.9	18.1	54.1	
77	31.6	24.6	37.0	





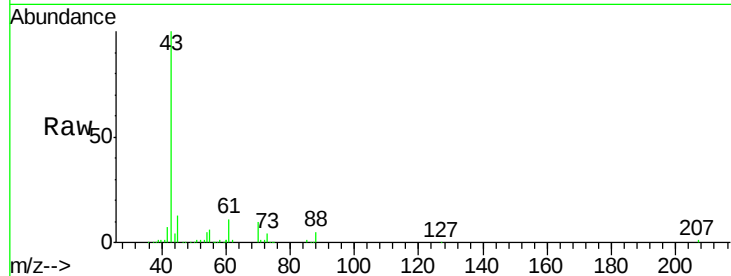
#37
Ethyl Acetate
Concen: 18.713 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.4
70	11.1	8.9	13.3

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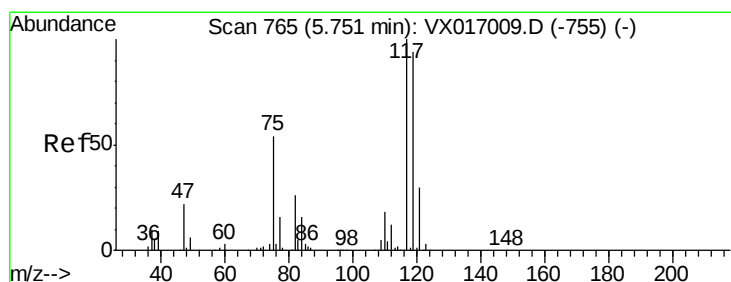
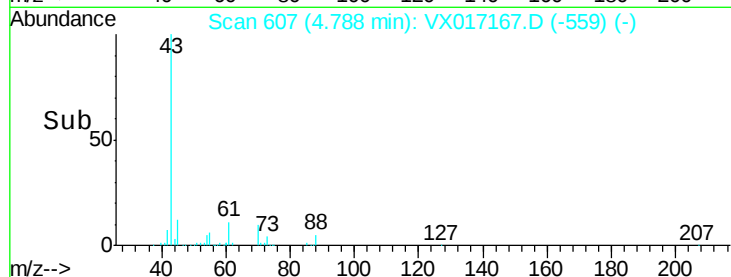
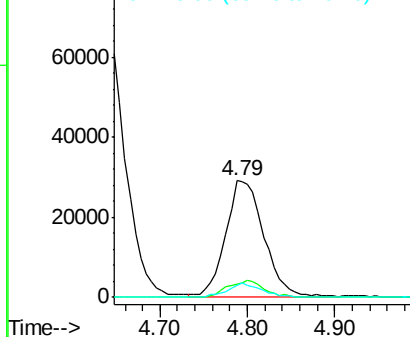


Abundance

Ion 43.00 (42.70 to 43.70): VX0

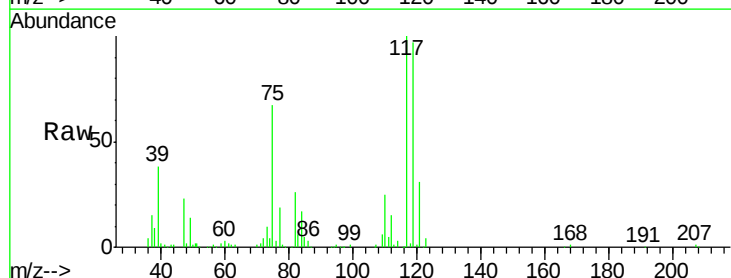
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 20.231 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.4	113.0
121	30.8	23.8	35.6

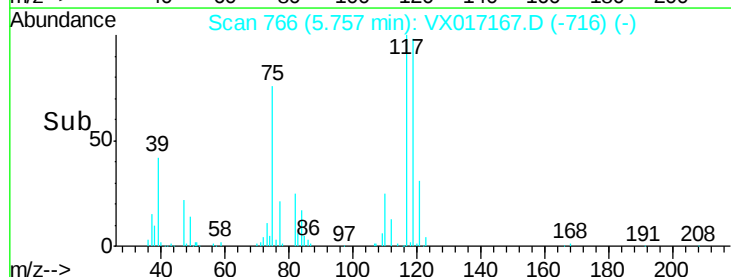
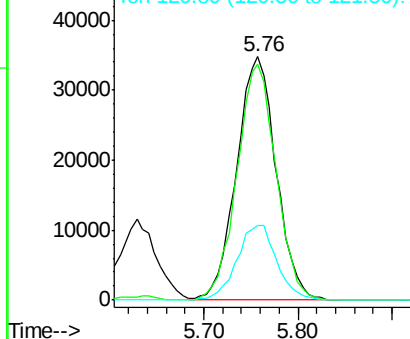


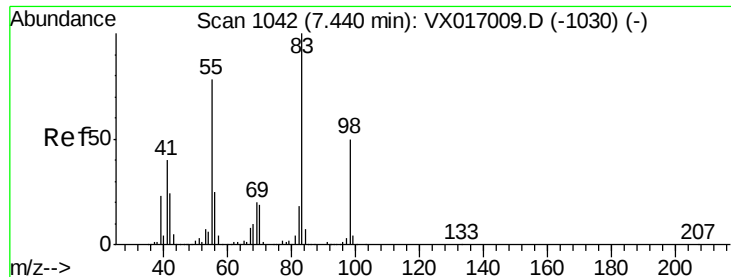
Abundance

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





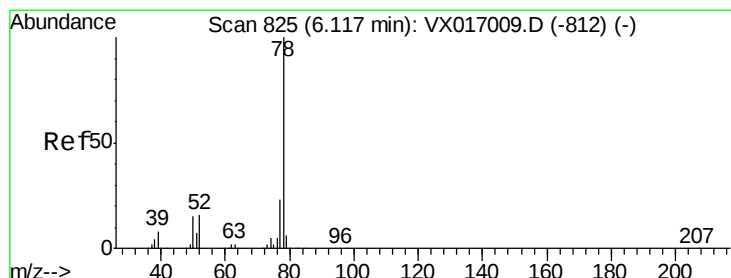
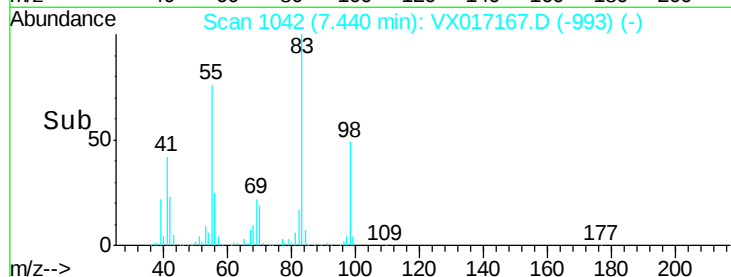
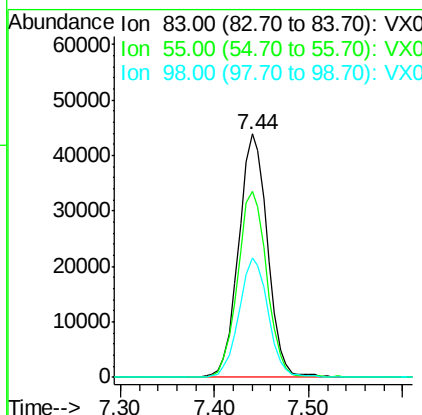
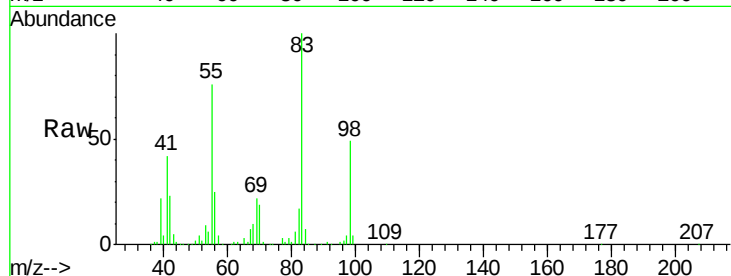
#39
Methvlcvclohexane
Concen: 18.460 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	62.5	93.7
98	49.3	40.1	60.1

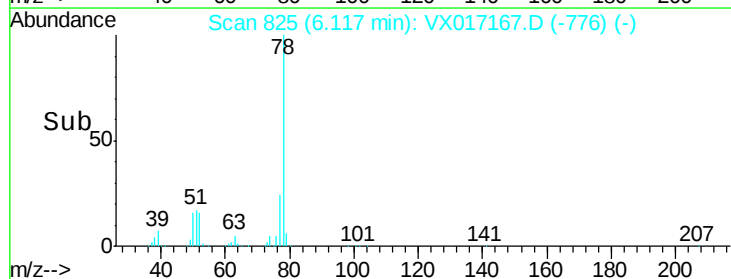
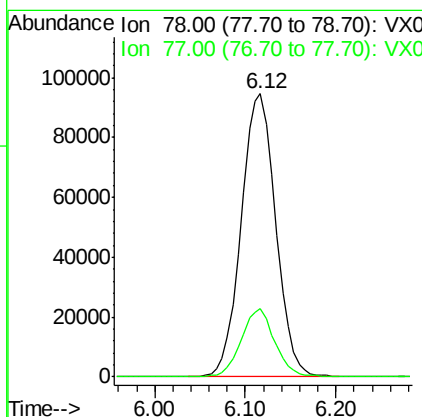
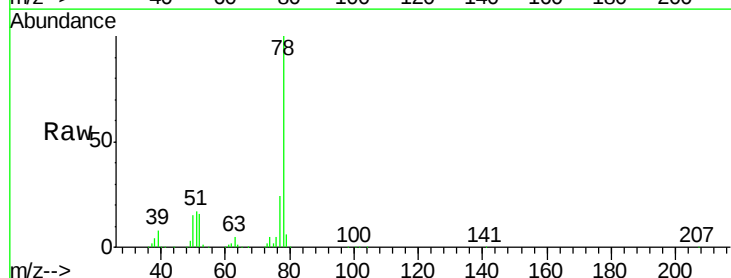
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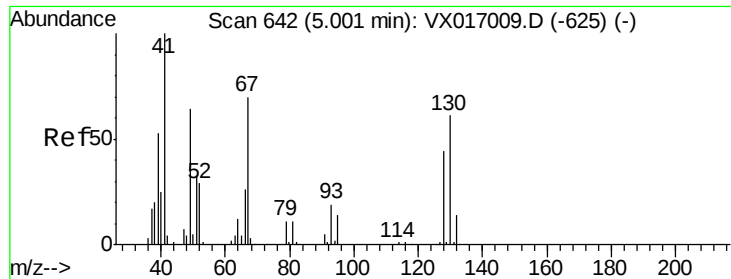
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#40
Benzene
Concen: 18.547 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.3	27.5





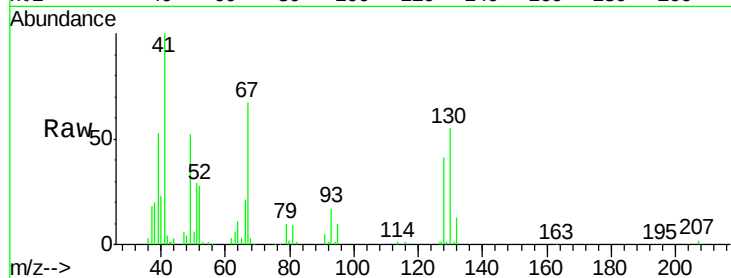
#41
Methacrylonitrile
Concen: 18.233 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	44.4	66.6	
67	73.4	57.1	85.7	
52	31.1	23.2	34.8	

Manual Integrations
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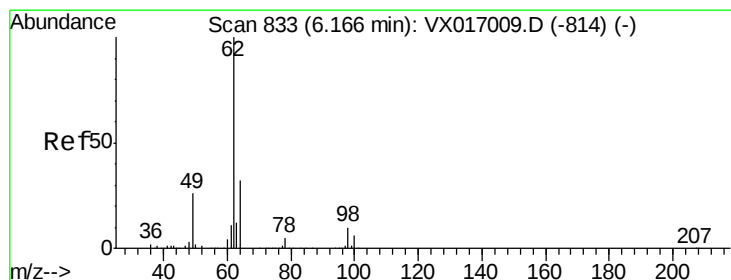
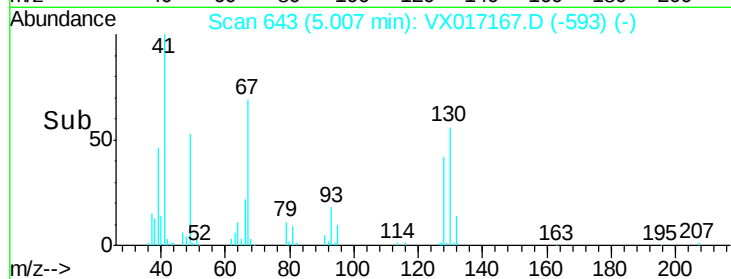
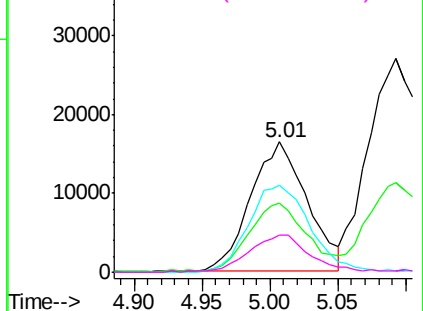
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

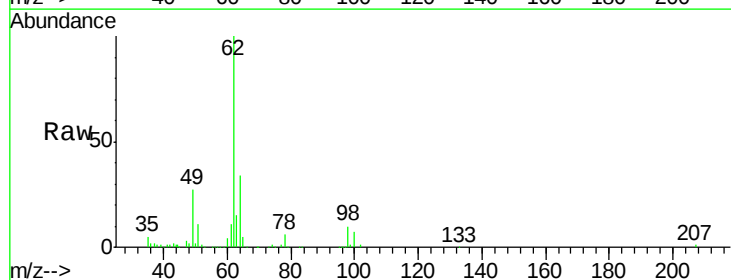
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.894 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

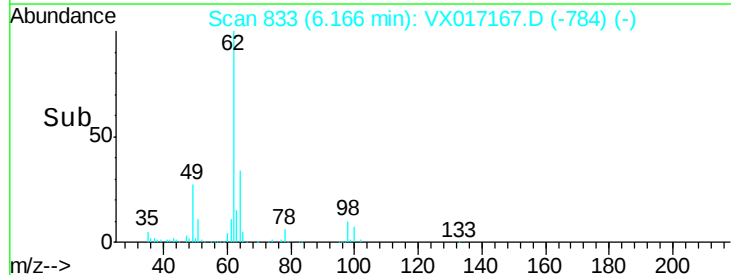
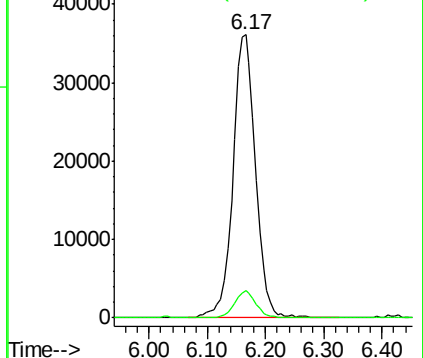
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	19.2	

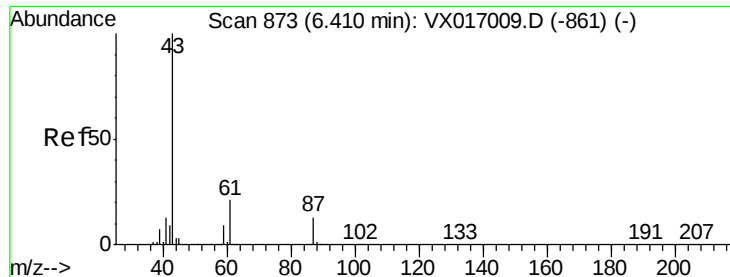


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

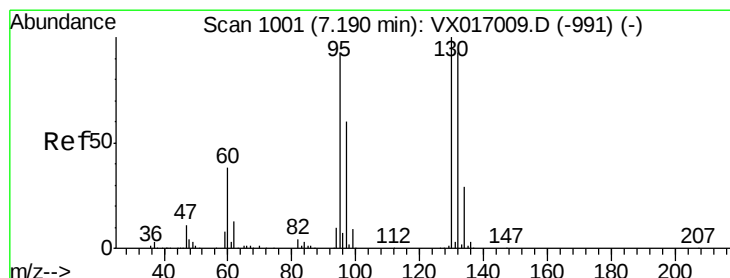
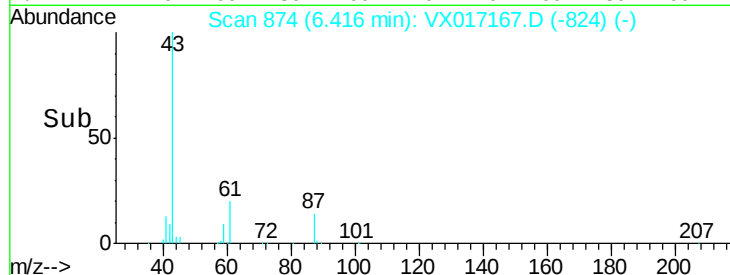
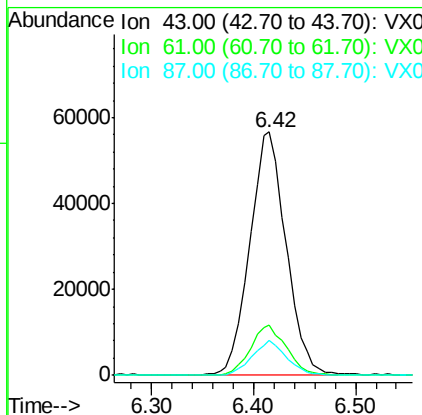
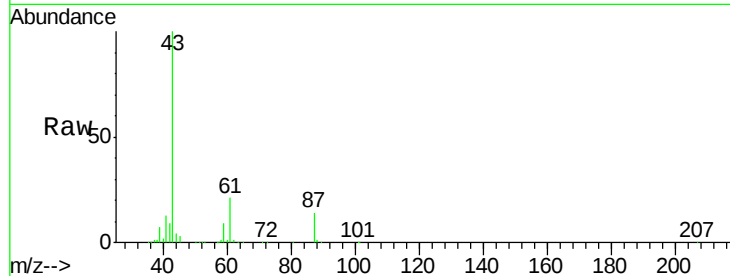
Isopropyl Acetate
 Concen: 18.072 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.2	24.2
87	13.6	10.7	16.1

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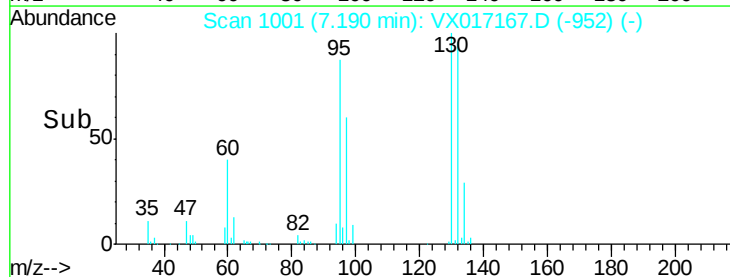
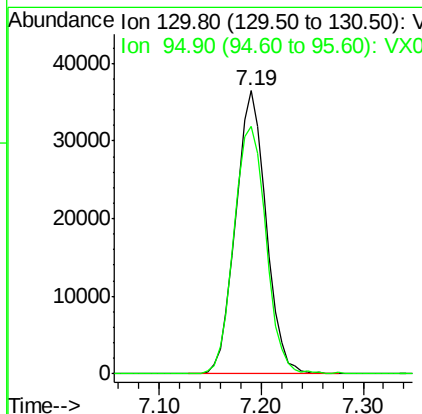
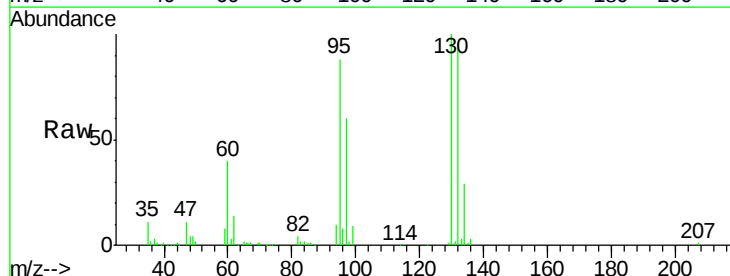
MMDadoda
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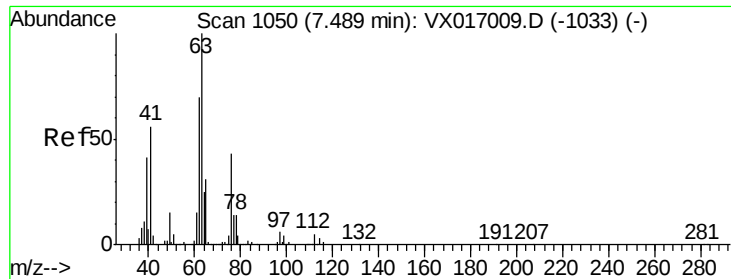


#44

Trichloroethene
 Concen: 20.145 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	185.0





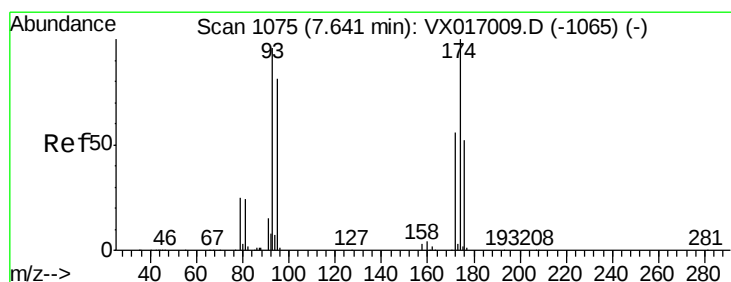
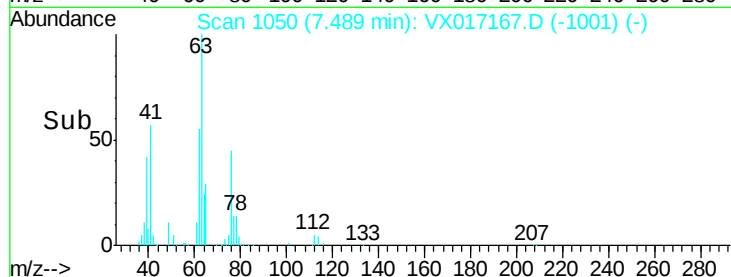
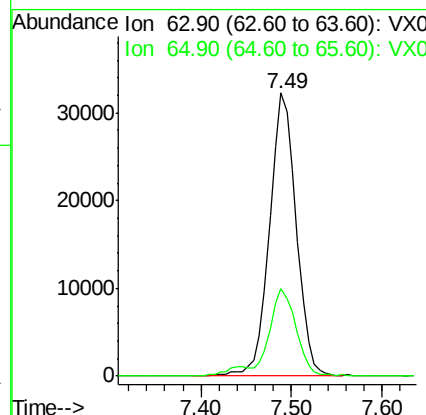
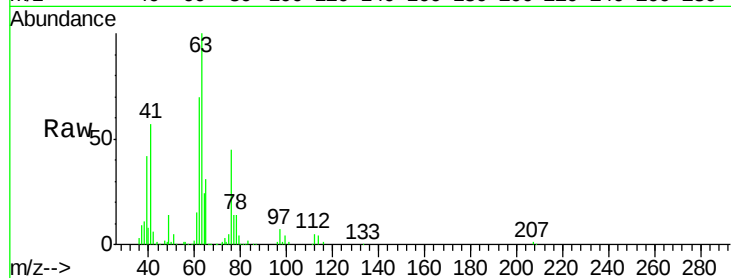
#45
 1,2-Dichloropropane
 Concen: 19.047 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	36.8

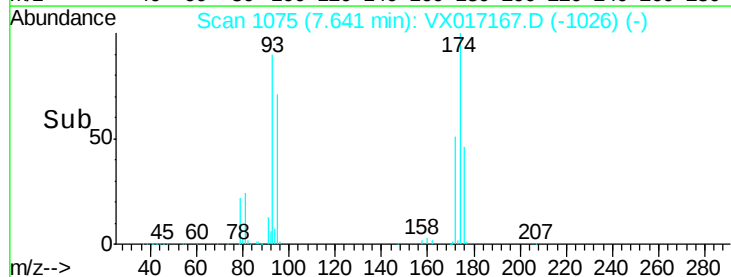
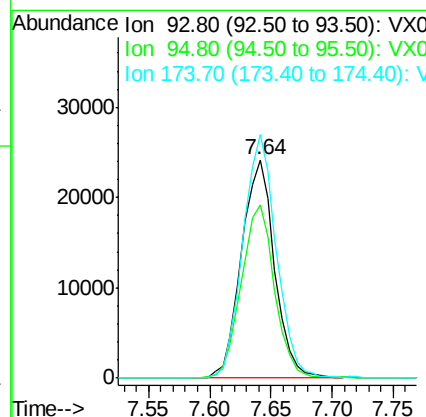
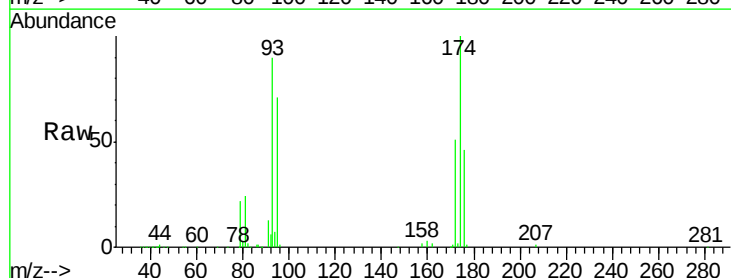
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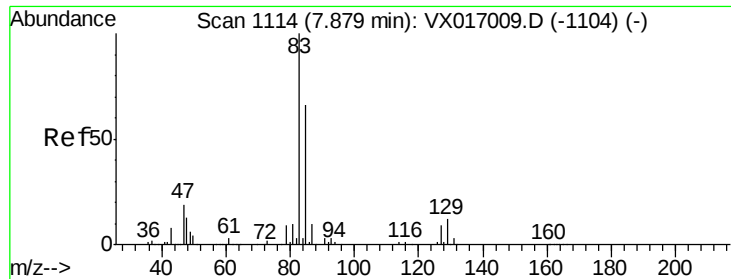
MMDadoda
 7/7/2020 12:24:42 PM



#46
 Dibromomethane
 Concen: 19.218 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.0	67.4	101.0
174	112.7	84.3	126.5





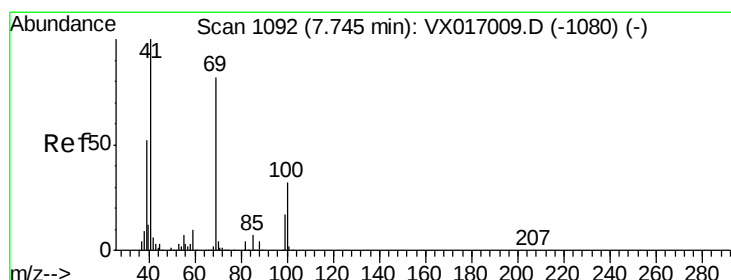
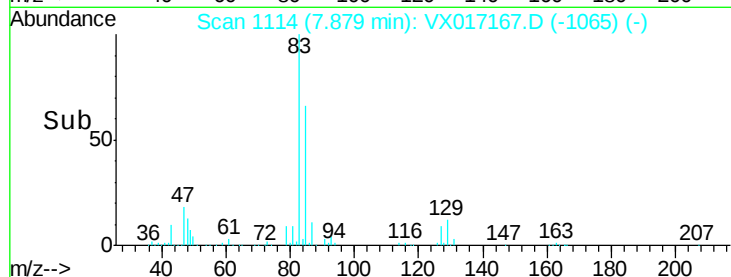
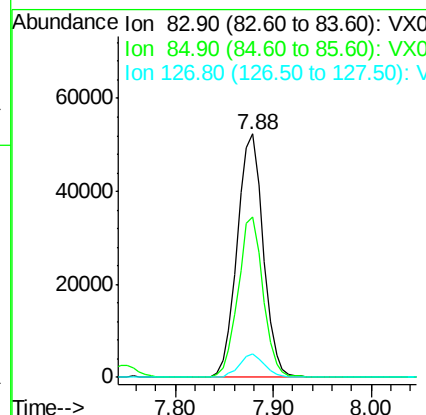
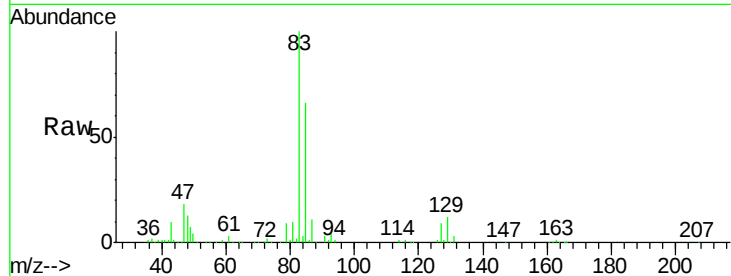
#47
Bromodichloromethane
Concen: 19.876 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	83	Resp	96728
Ion Ratio	100	Lower	Upper
83	100		
85	65.7	53.0	79.4
127	9.4	7.5	11.3

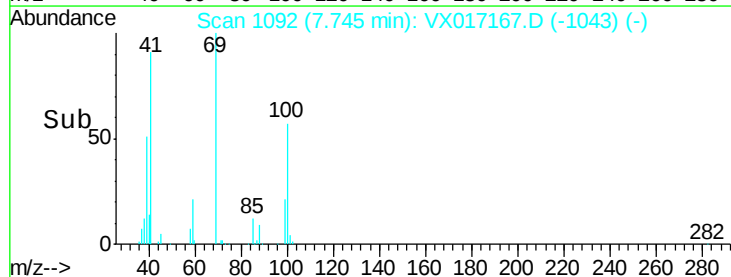
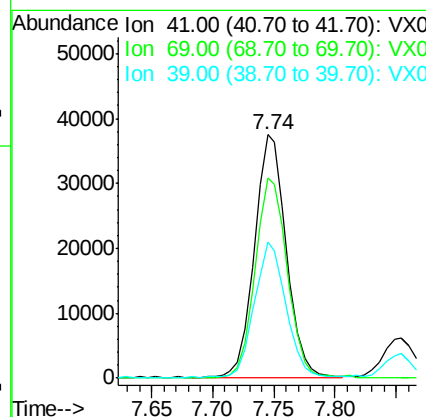
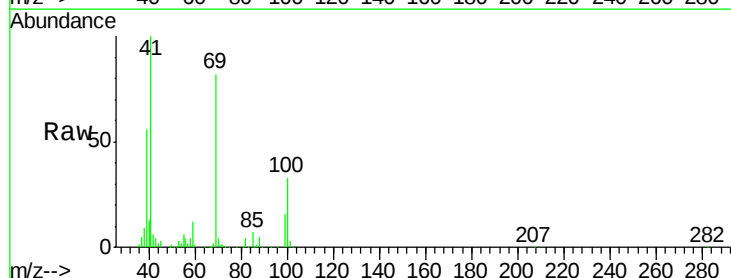
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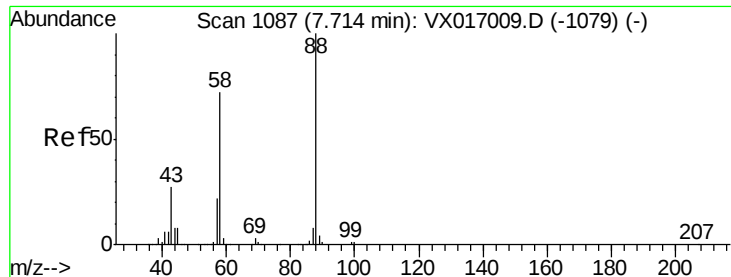
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#48
Methyl methacrylate
Concen: 18.510 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	41	Resp	67956
Ion Ratio	100	Lower	Upper
41	100		
69	83.3	65.8	98.8
39	55.6	42.5	63.7





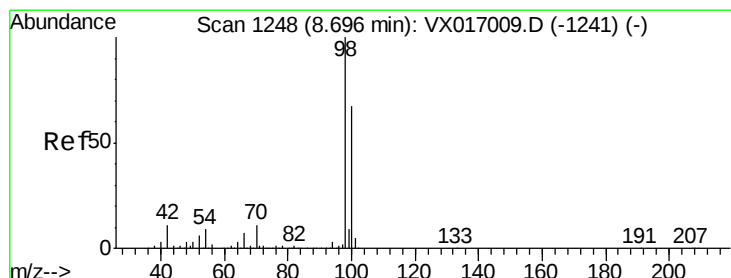
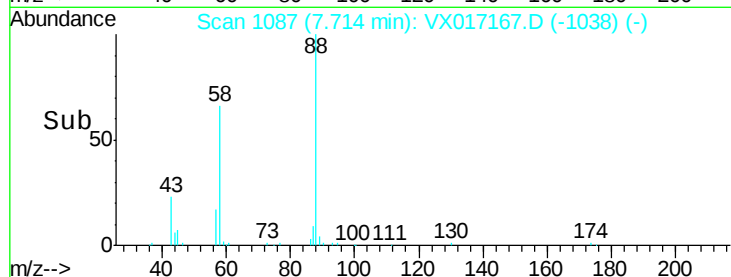
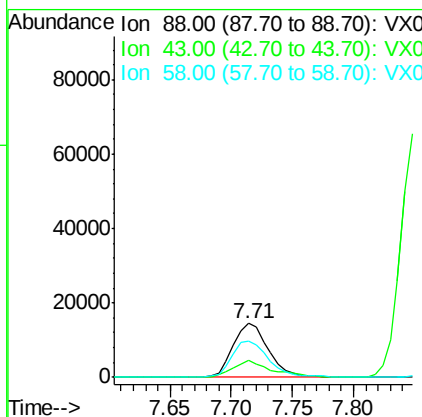
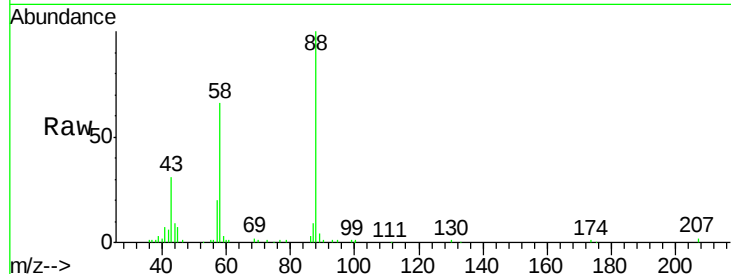
#49
1,4-Dioxane
Concen: 349.748 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	25.8	38.8
58	71.7	54.8	82.2

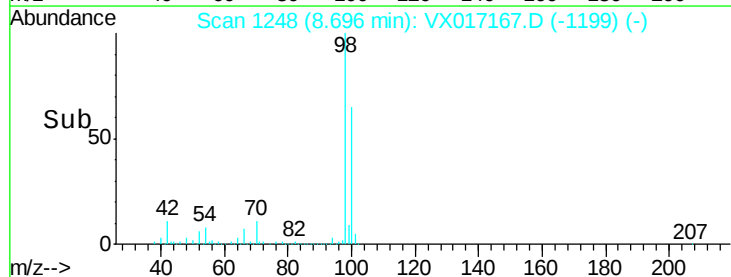
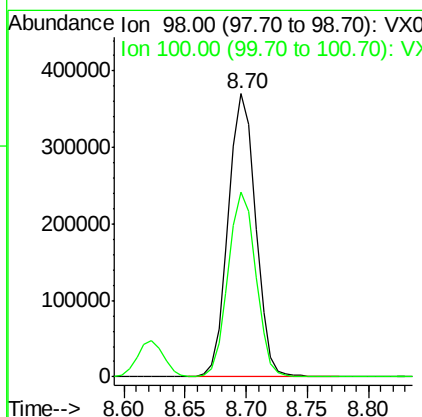
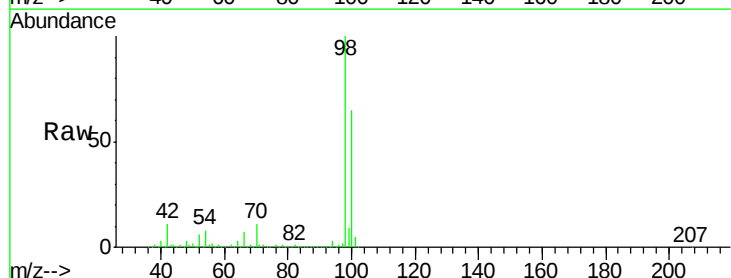
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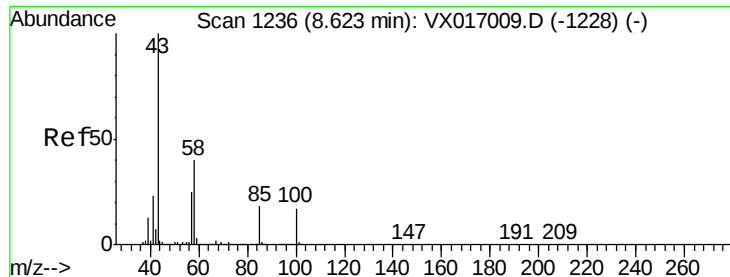
MMDadoda
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#50
Toluene-d8
Concen: 50.680 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 93.634 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion: 43 Resp: 431322

Ion Ratio Lower Upper

43 100

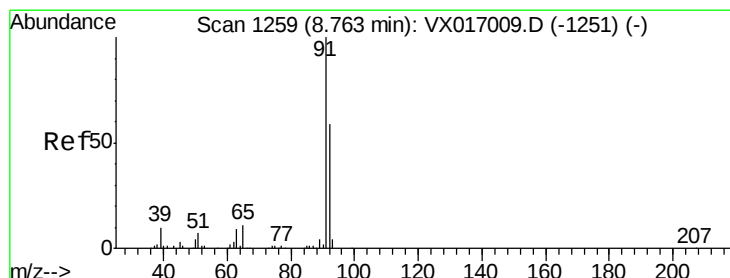
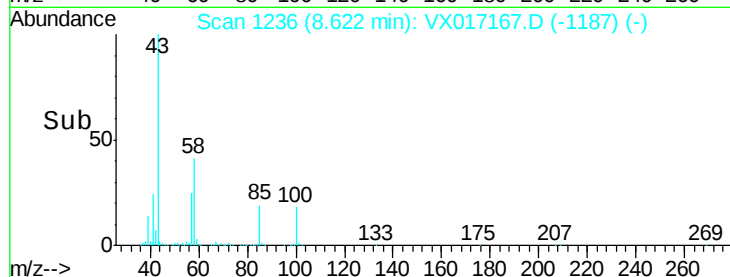
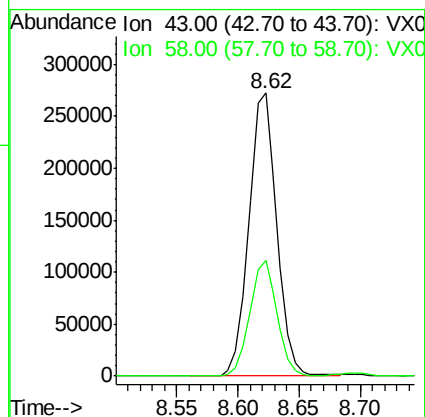
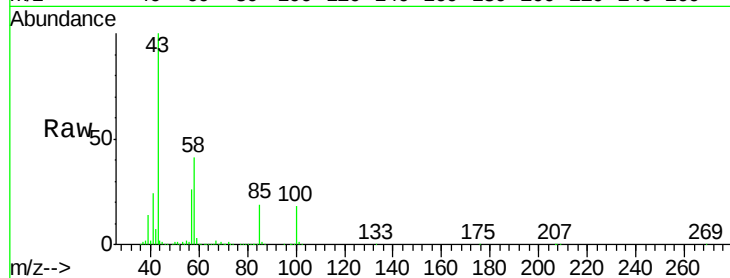
58 40.1 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 19.356 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017167.D

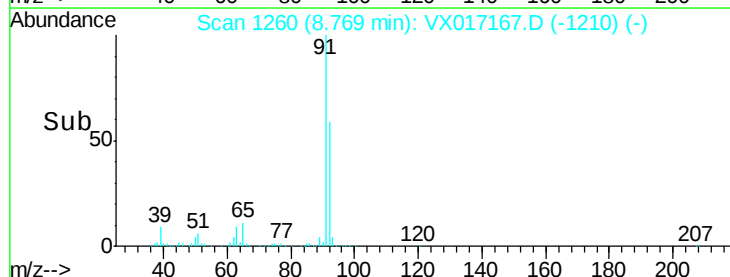
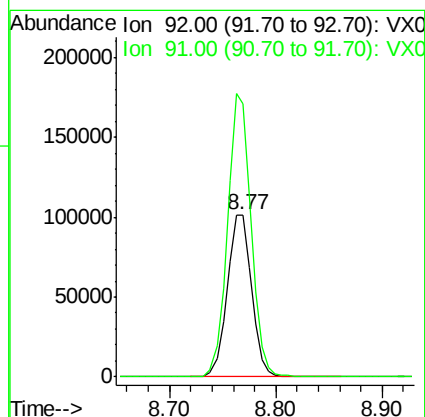
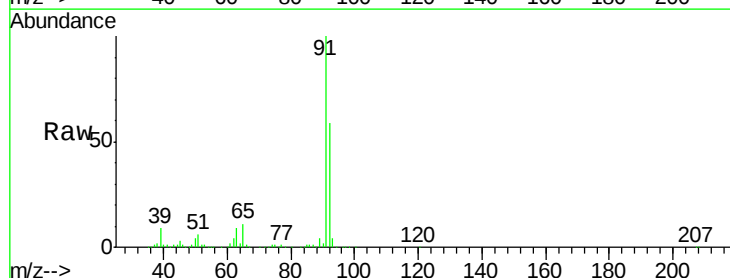
Acq: 06 Jul 2020 14:55

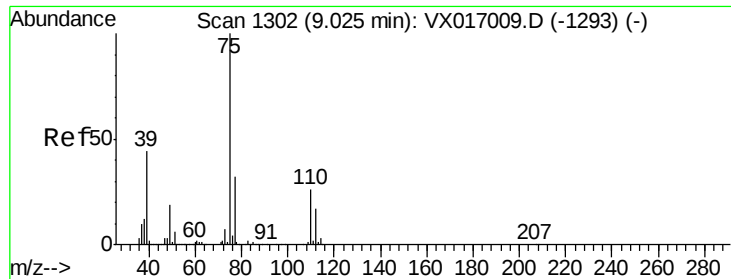
Tgt Ion: 92 Resp: 162743

Ion Ratio Lower Upper

92 100

91 168.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 19.762 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 75 Resp: 106112

Ion Ratio Lower Upper

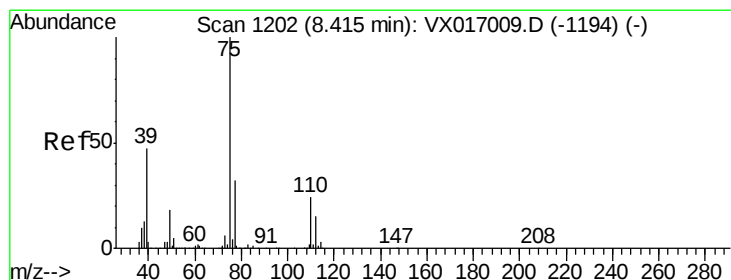
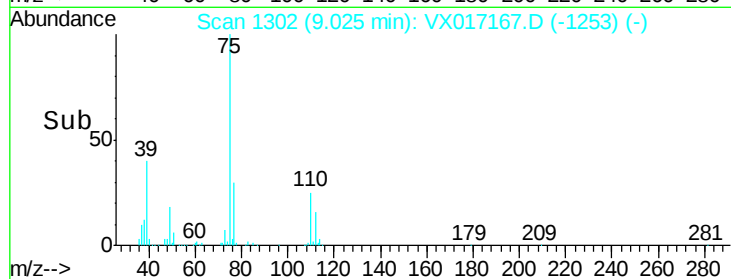
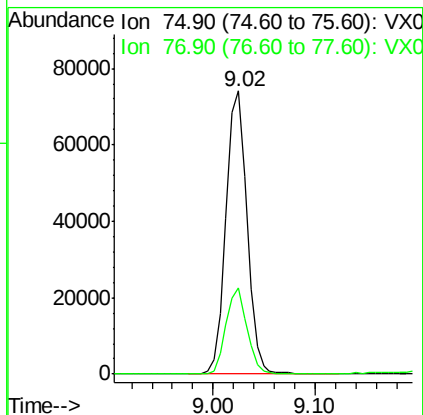
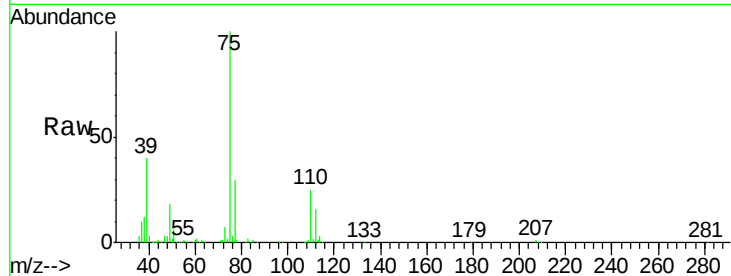
75 100

77 30.3 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 19.127 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

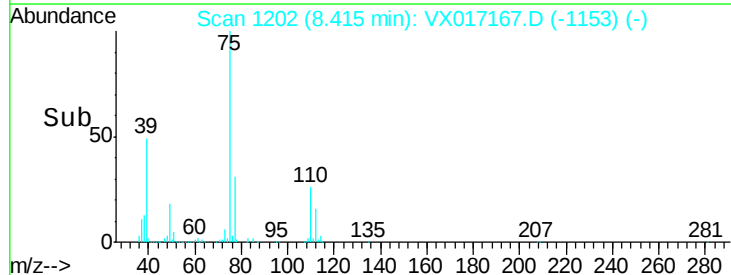
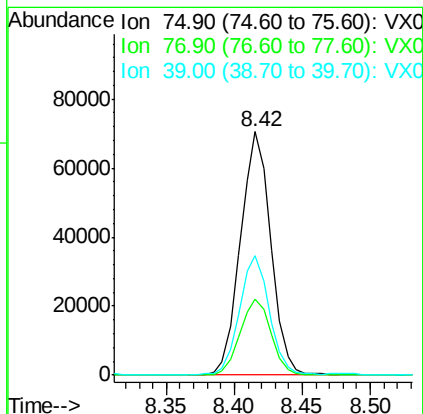
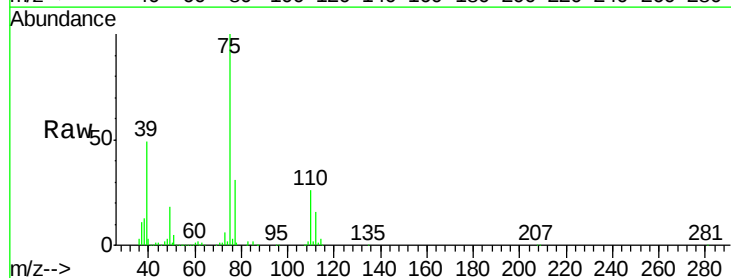
Tgt Ion: 75 Resp: 110093

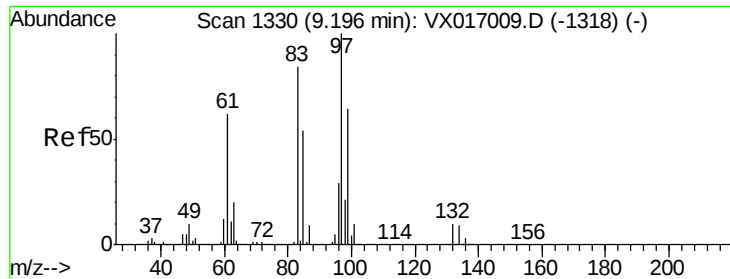
Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 48.9 37.4 56.2





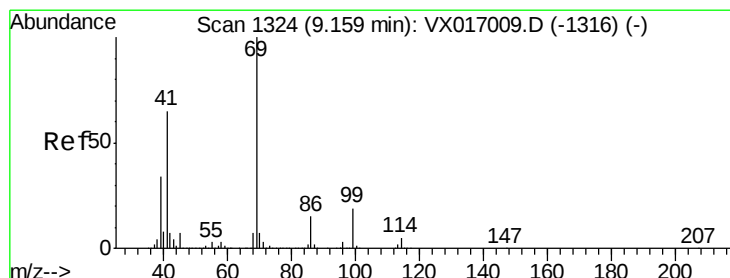
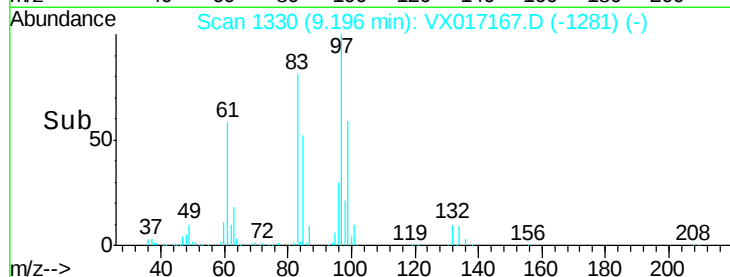
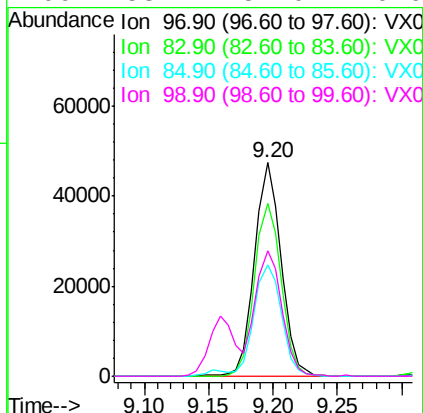
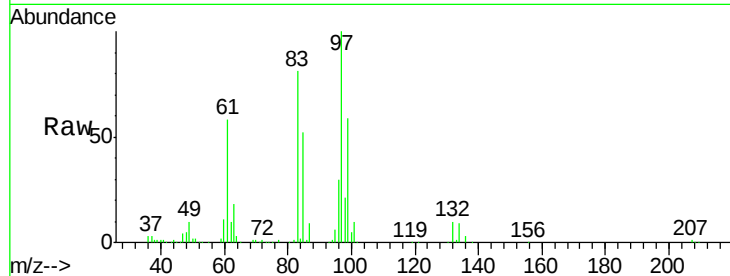
#55
 1,1,2-Trichloroethane
 Concen: 19.639 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion:	97	Resp:	67465
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.0	100.6
85	52.1	43.5	65.3
99	58.7	51.0	76.6

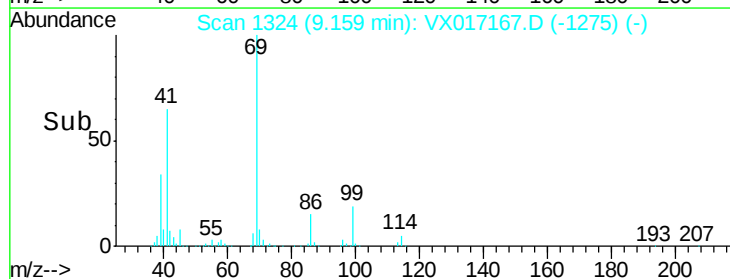
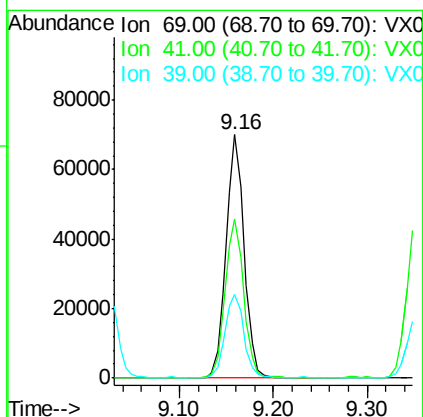
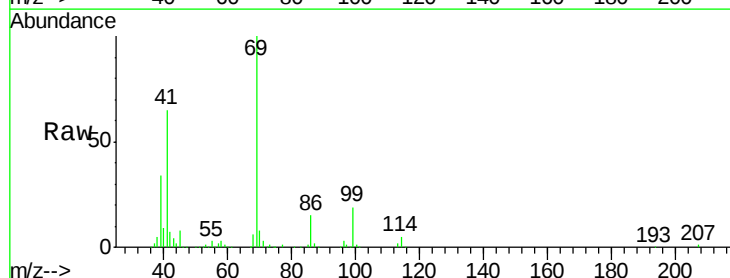
Manual Integrations
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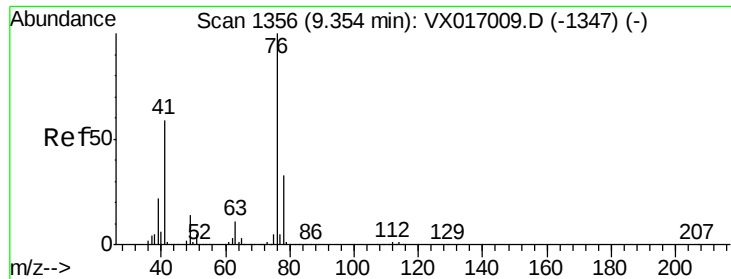
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#56
 Ethyl methacrylate
 Concen: 19.029 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion:	69	Resp:	93045
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.6	80.4
39	35.4	28.2	42.2





#57

1,3-Dichloropropane

Concen: 18.939 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 76 Resp: 110090

Ion Ratio Lower Upper

76 100

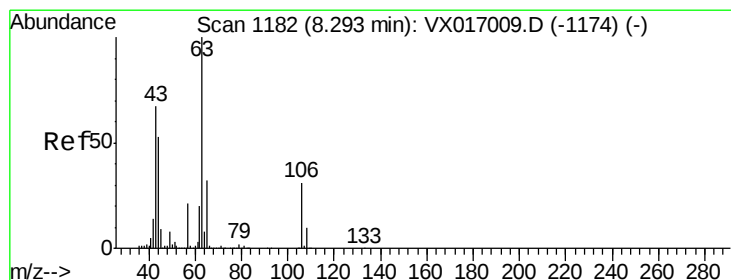
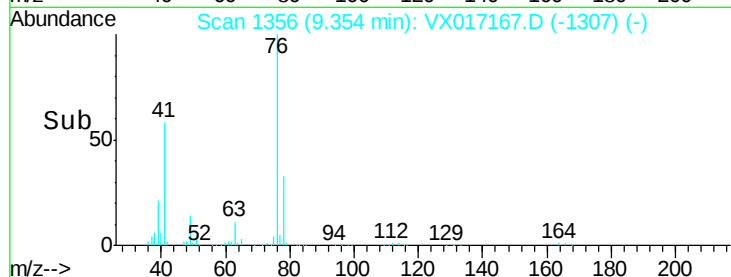
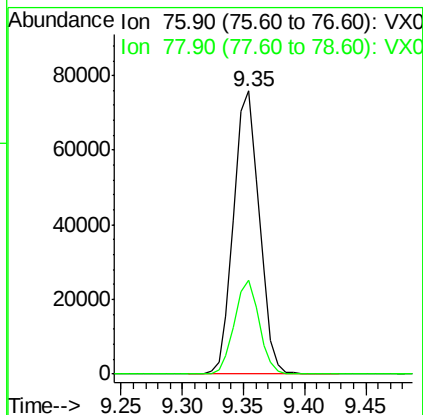
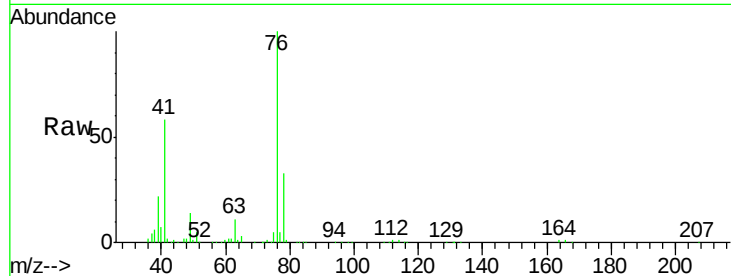
78 32.0 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 100.384 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017167.D

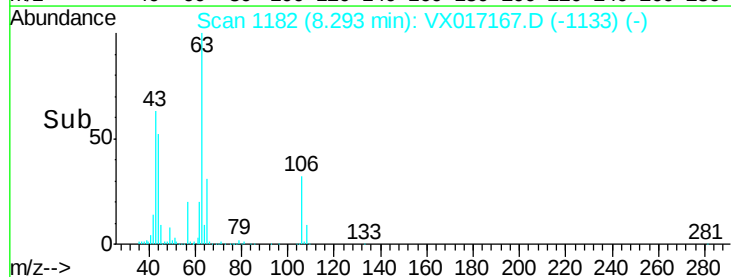
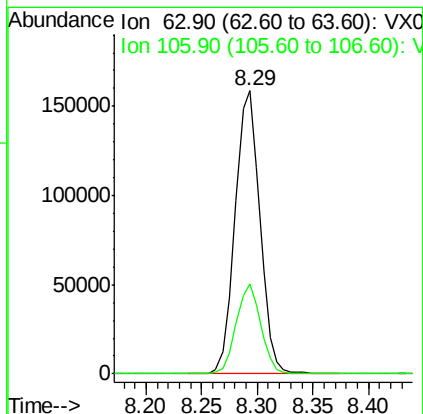
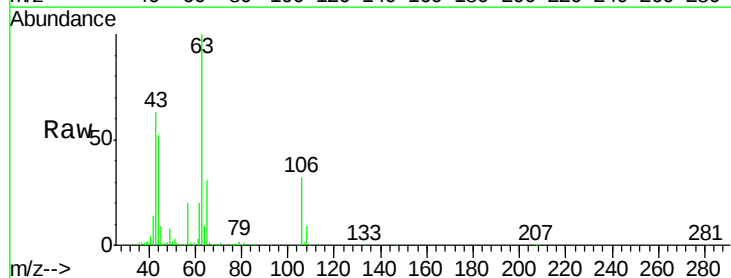
Acq: 06 Jul 2020 14:55

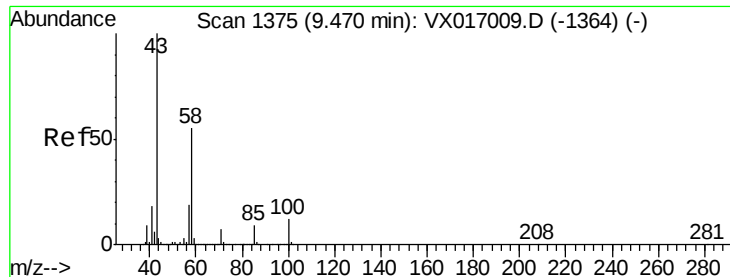
Tgt Ion: 63 Resp: 244283

Ion Ratio Lower Upper

63 100

106 31.5 24.0 36.0





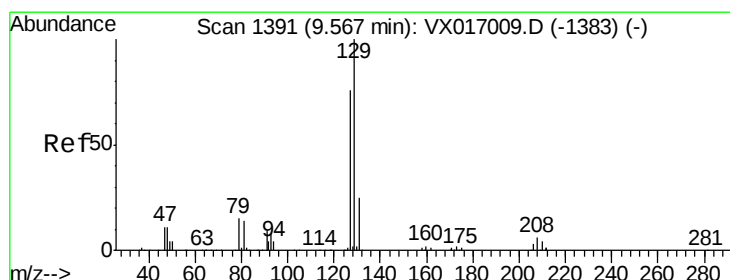
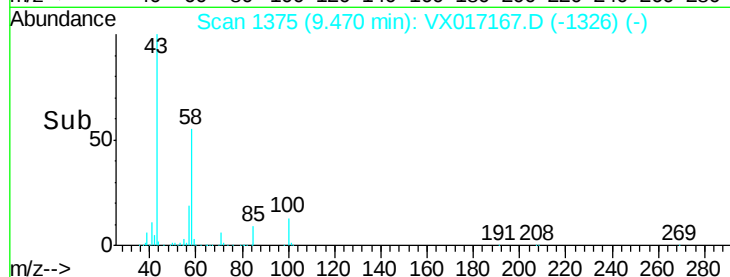
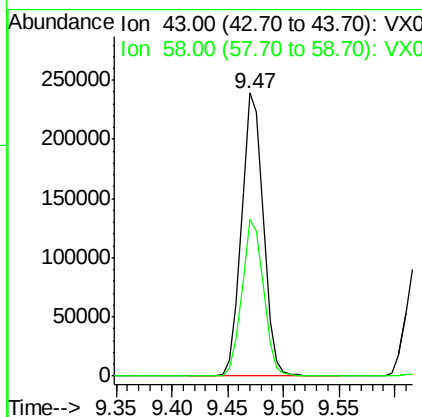
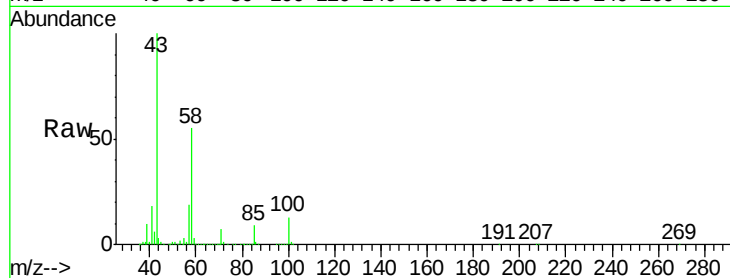
#59
2-Hexanone
Concen: 96.140 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.9	83.6

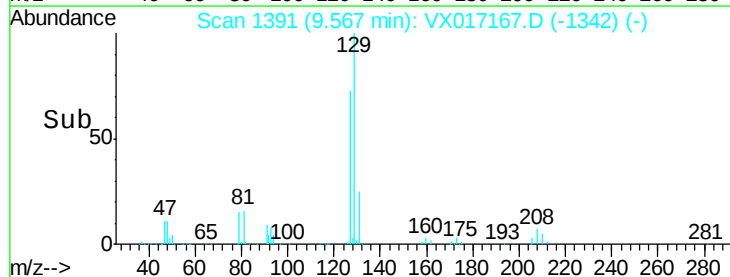
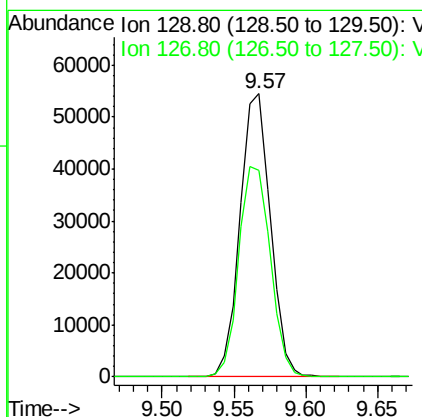
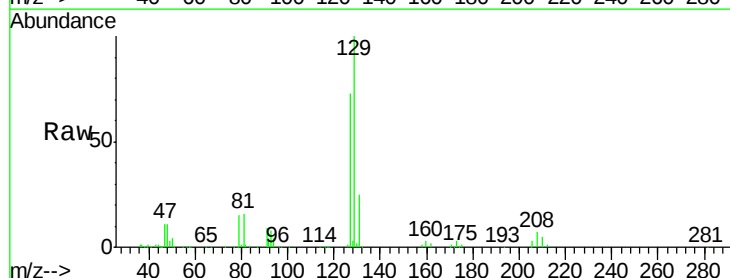
Manual Integrations
APPROVED

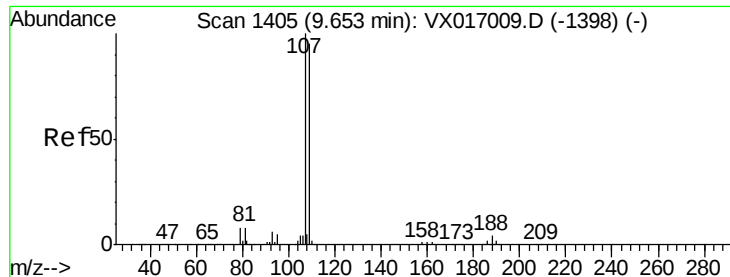
MMDadoda
7/7/2020 12:24:42 PM



#60
Dibromochloromethane
Concen: 20.055 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.9	116.7





#61

1,2-Dibromoethane

Concen: 19.585 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 107 Resp: 72320

Ion Ratio Lower Upper

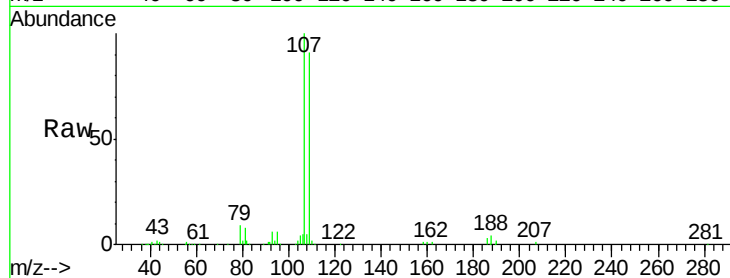
107 100

109 92.8 75.8 113.8

Manual Integrations
APPROVED

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7/7/2020 12:24:42 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

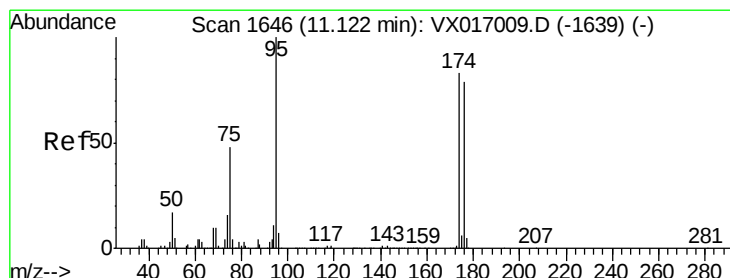
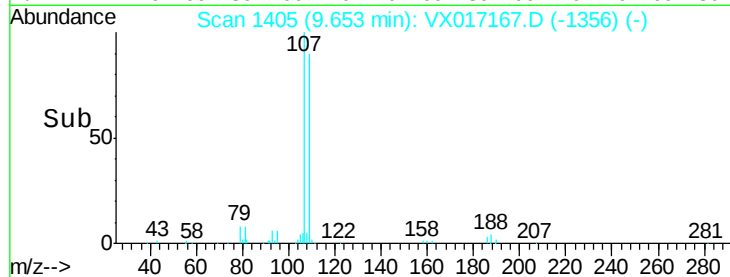
20000

10000

0

9.55 9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 51.325 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

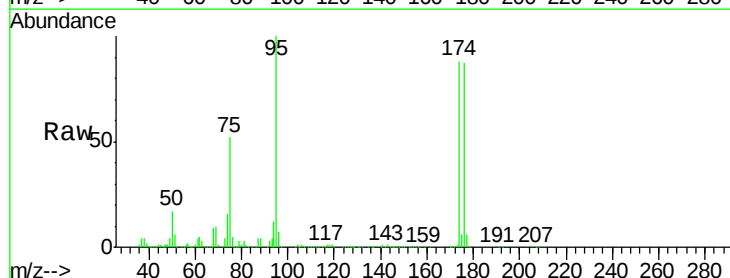
Tgt Ion: 95 Resp: 227597

Ion Ratio Lower Upper

95 100

174 86.2 0.0 164.0

176 82.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

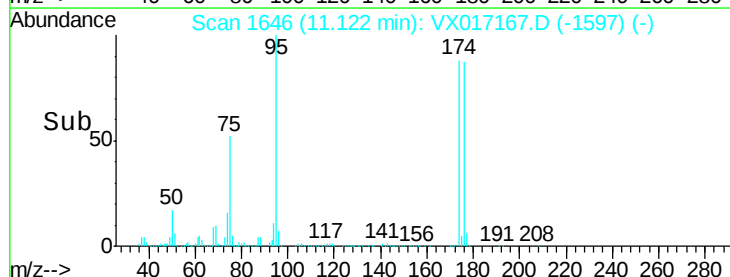
100000

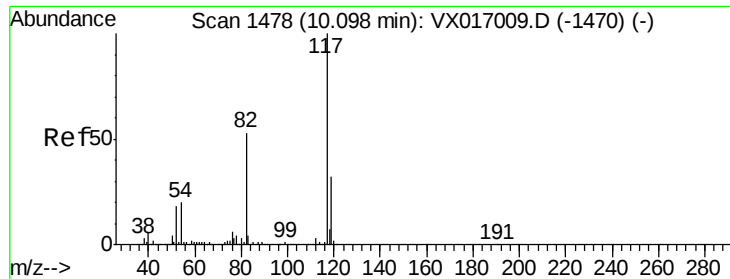
50000

0

11.05 11.10 11.15 11.20

Time-->





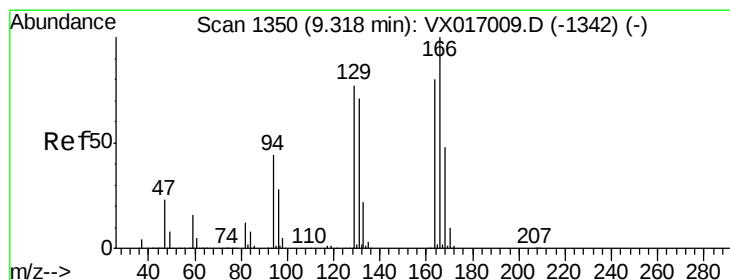
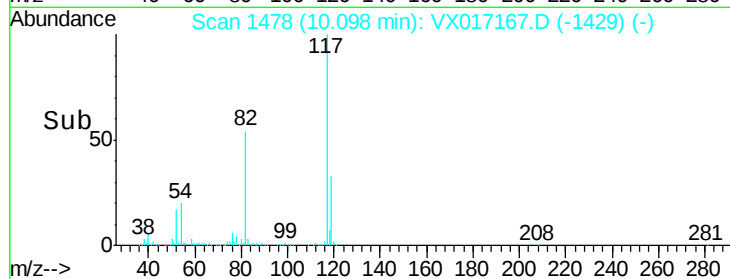
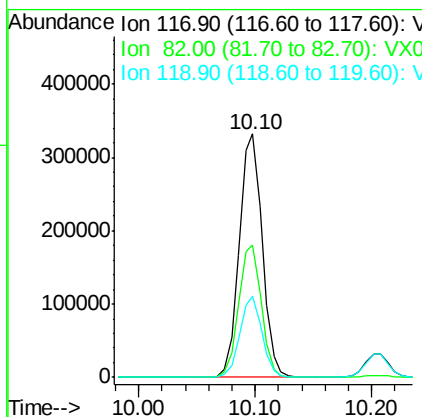
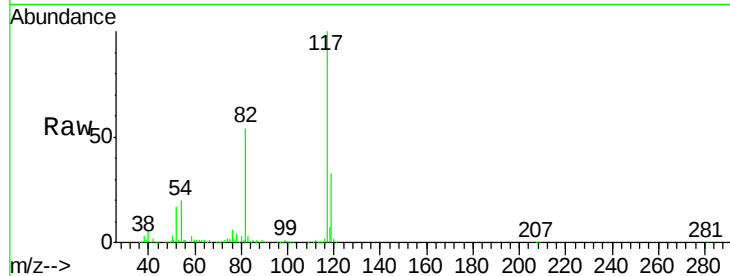
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	455855		
82	54.2	42.6	63.8	
119	33.2	25.4	38.2	

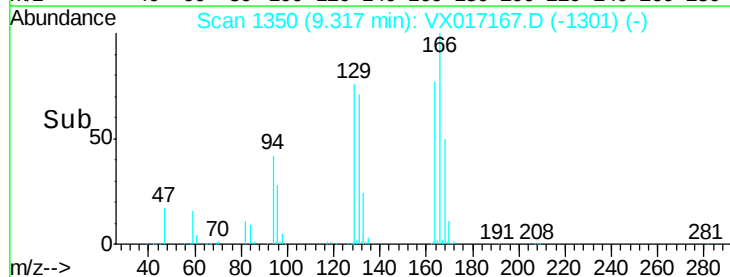
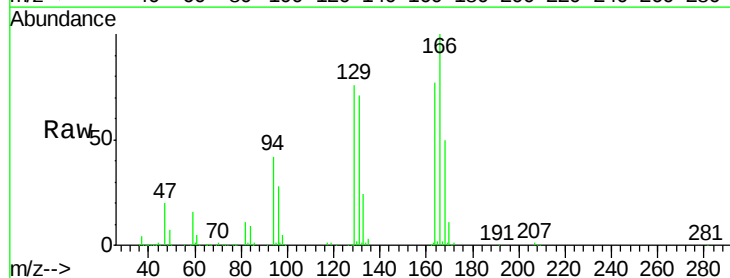
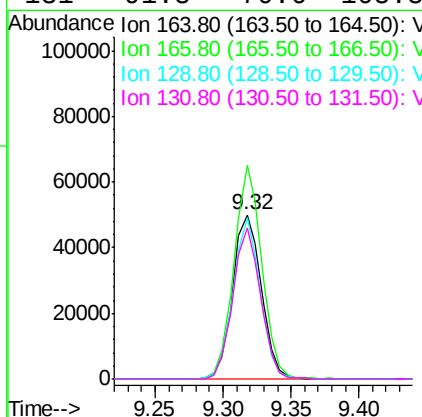
Manual Integrations
APPROVED

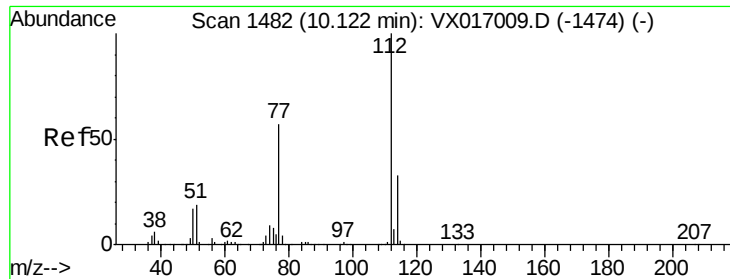
MMDadoda
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#64
Tetrachloroethene
Concen: 19.857 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73053		
166	130.0	99.4	149.0	
129	98.2	76.3	114.5	
131	91.8	70.6	105.8	





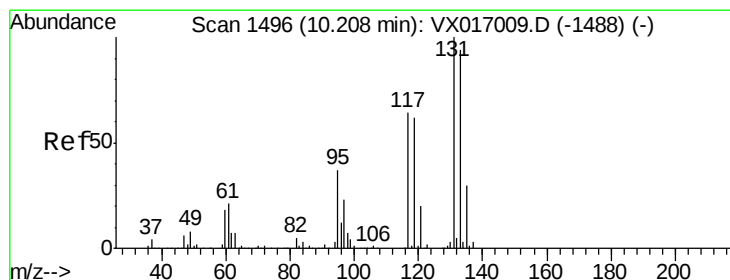
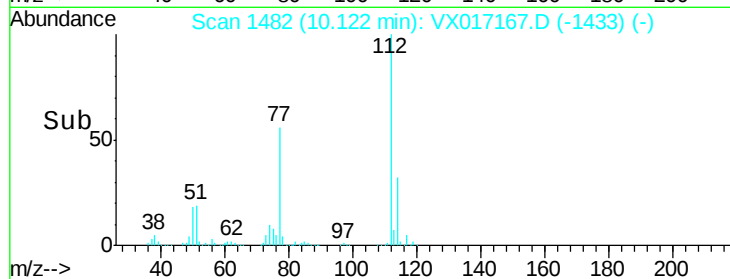
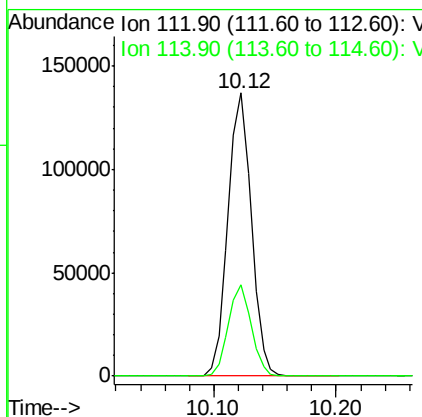
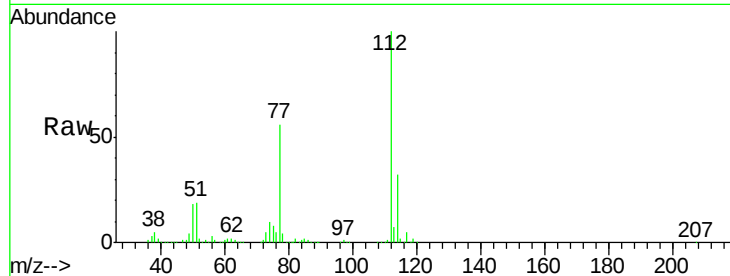
#65
Chlorobenzene
Concen: 19.256 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.2	39.4

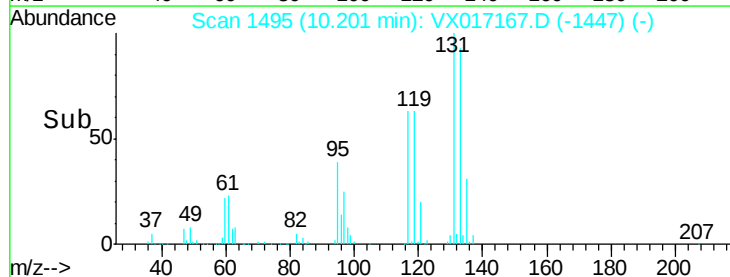
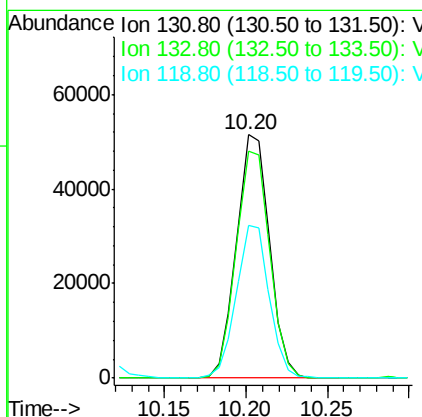
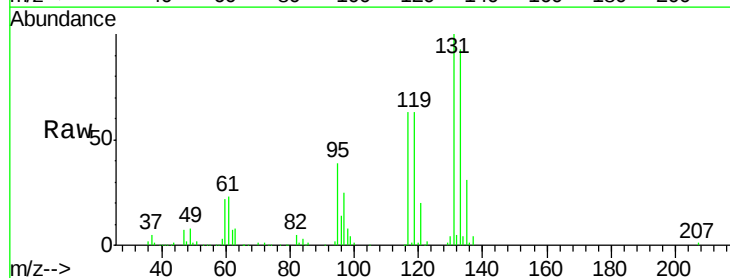
Manual Integrations
APPROVED

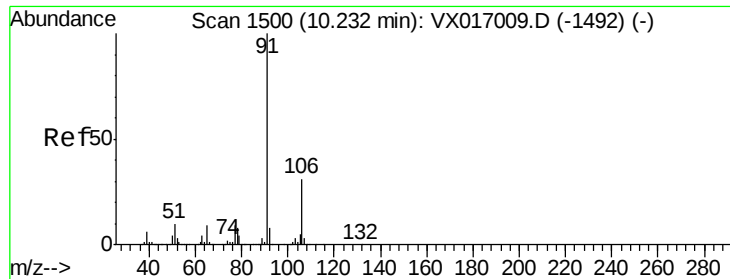
MMDadoda
7/7/2020 12:24:42 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.127 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	141.9
119	62.5	31.9	95.5





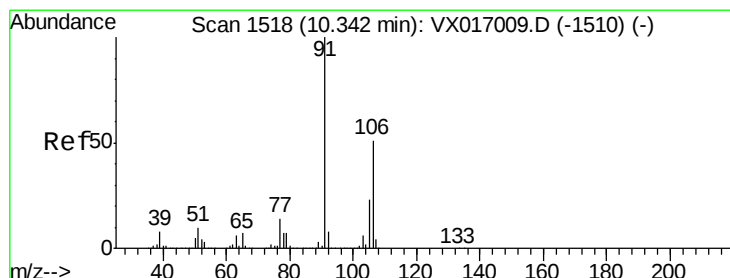
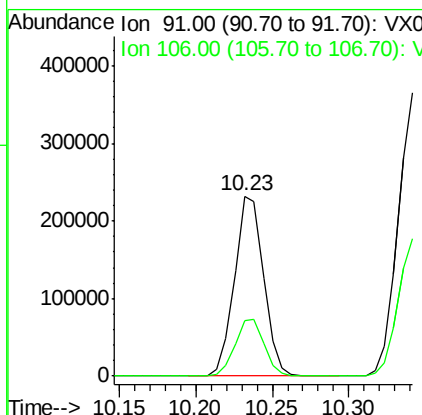
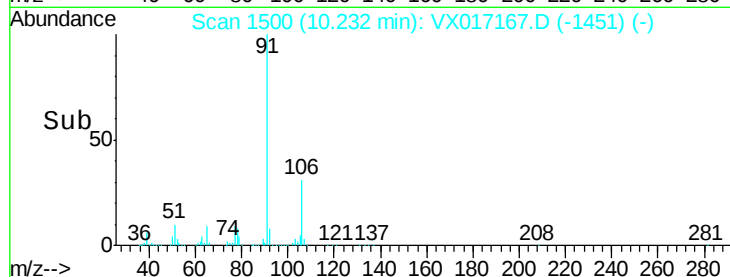
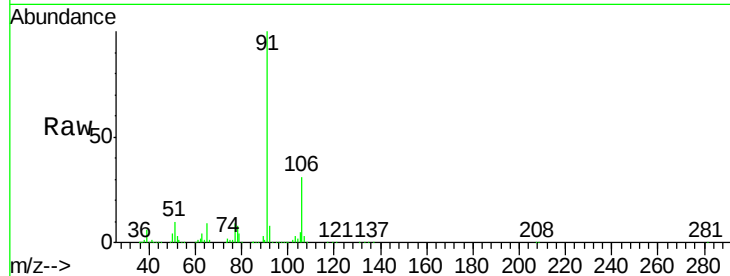
#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion: 91 Resp: 307079
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

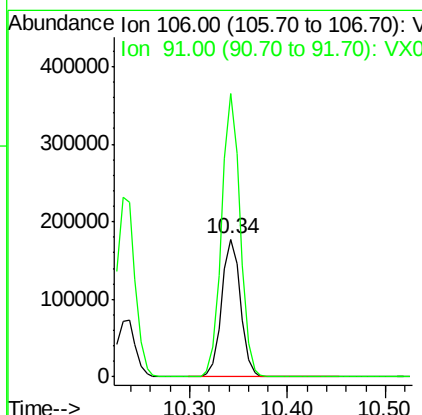
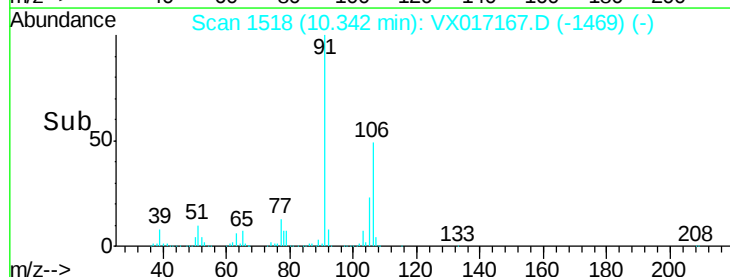
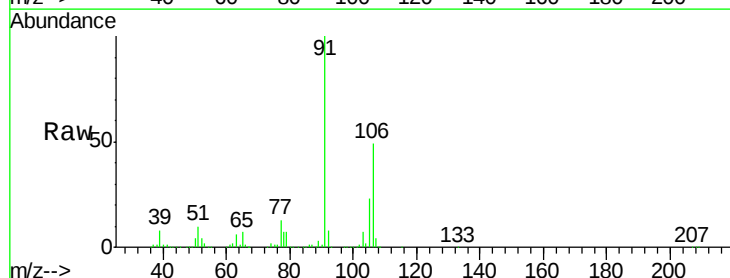
Manual Integrations
APPROVED

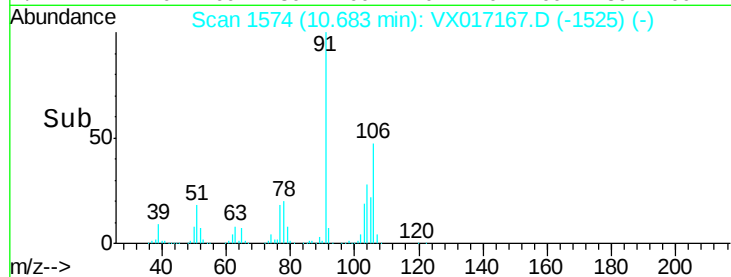
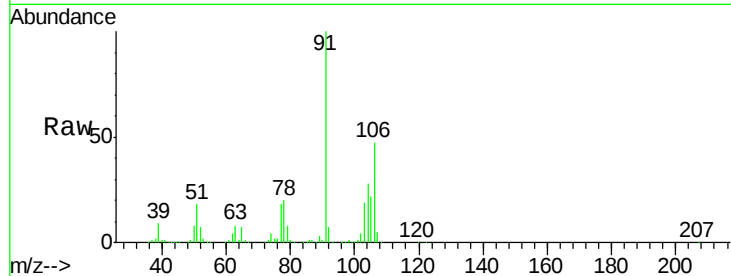
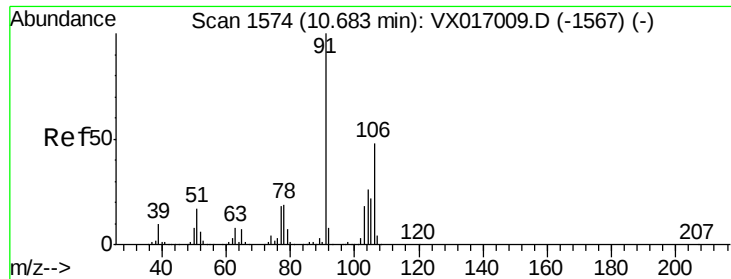
MMDadoda
7/7/2020 12:24:42 PM



#68
m/p-Xylenes
Concen: 39.391 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 106 Resp: 237650
Ion Ratio Lower Upper
106 100
91 202.3 158.6 238.0





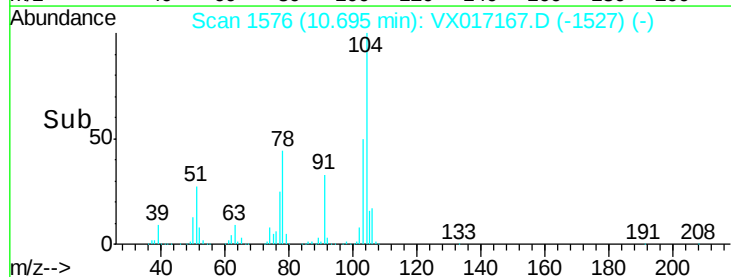
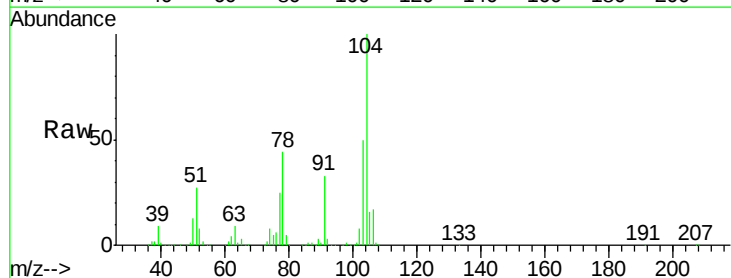
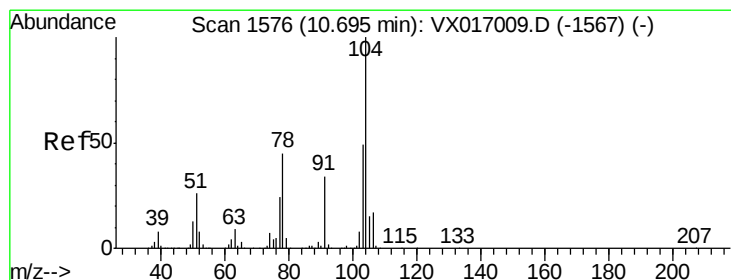
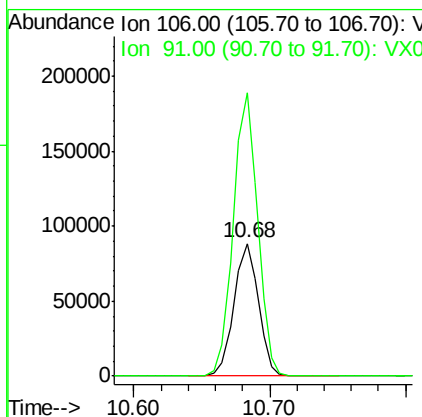
#69
o-Xylene
Concen: 19.264 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tot Ion:106 Resp: 110559
Ion Ratio Lower Upper
106 100
91 212.6 105.6 316.7

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

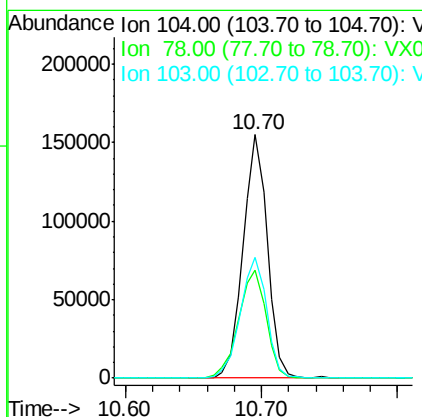
Manual Integrations
APPROVED

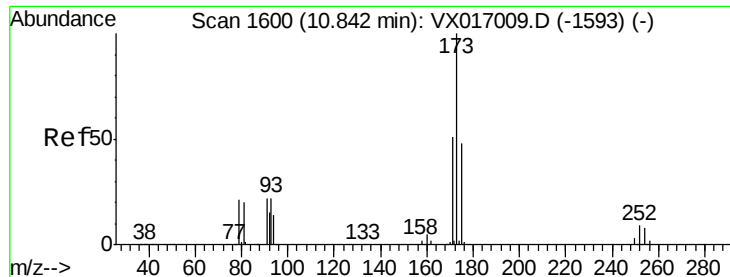
MMDadoda
7/7/2020 12:24:42 PM



#70
Styrene
Concen: 19.786 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion:104 Resp: 193371
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 54.4 43.0 64.6





#71

Bromoform

Concen: 21.392 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

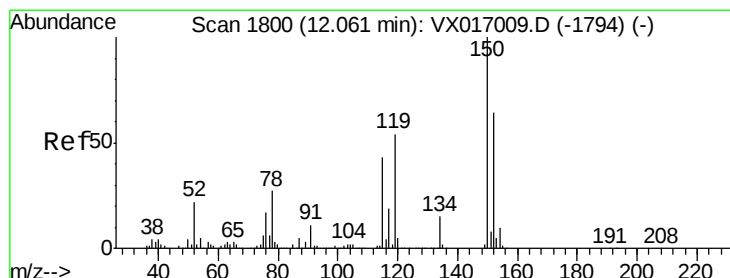
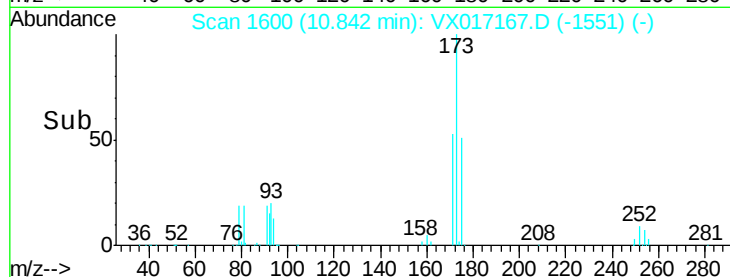
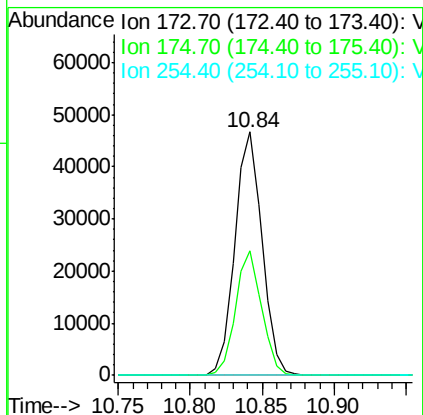
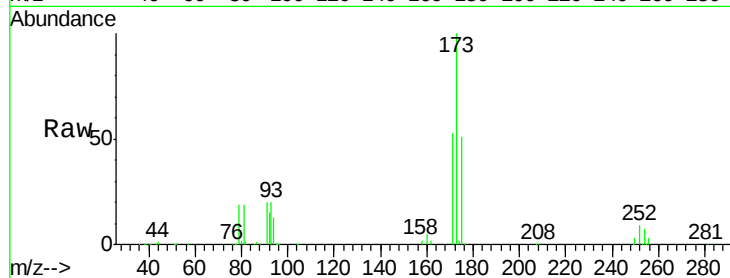
ClientSampleId :

VX0706WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.5	73.5
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

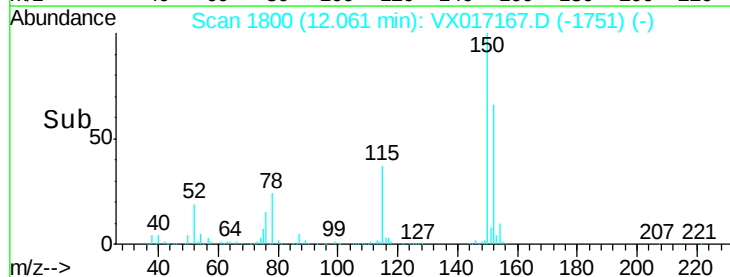
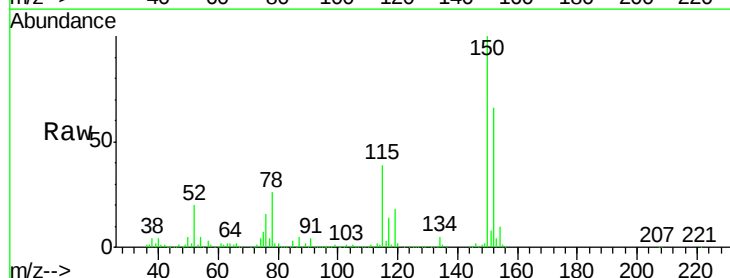
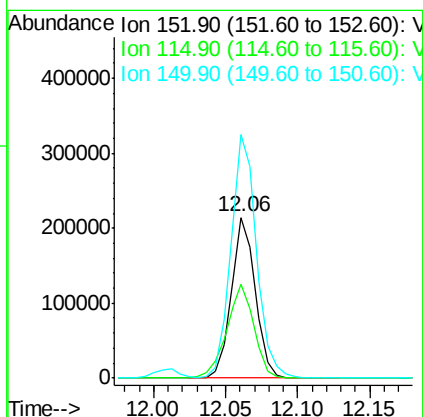
RT: 12.06 min Scan# 1800

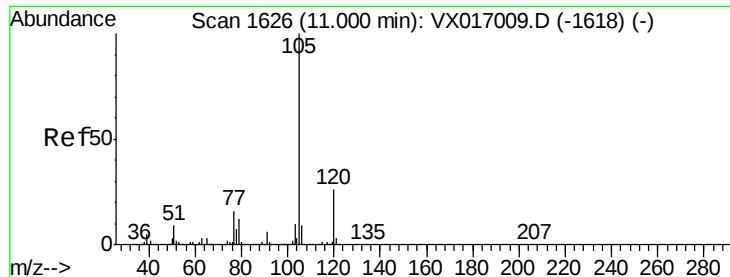
Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	40.9	122.7
150	162.7	0.0	351.6





#73

Isopropylbenzene

Concen: 18.765 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion: 105 Resp: 307228

Ion Ratio Lower Upper

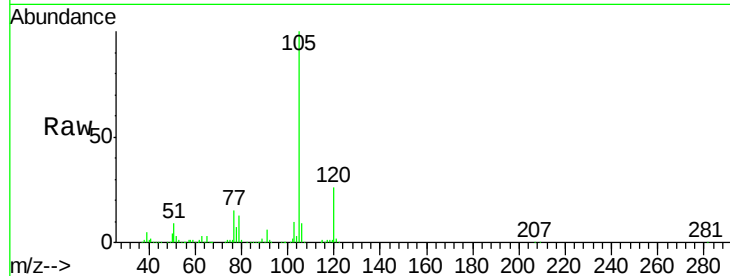
105 100

120 26.4 13.4 40.2

Manual Integrations
APPROVED

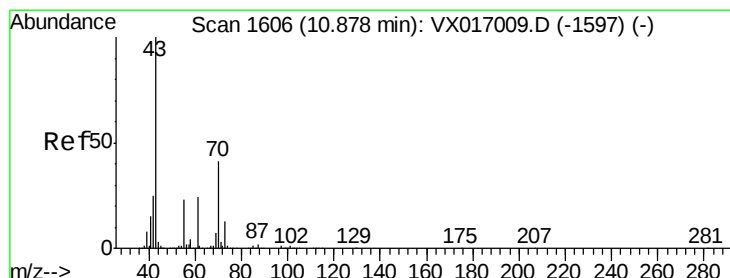
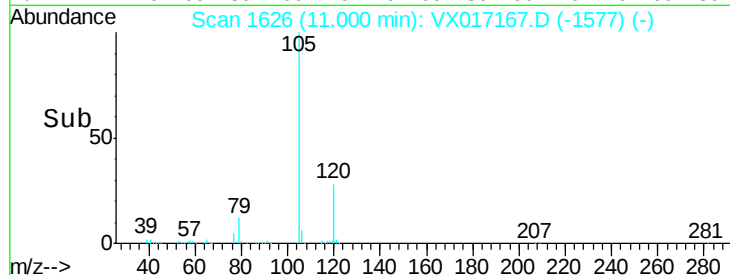
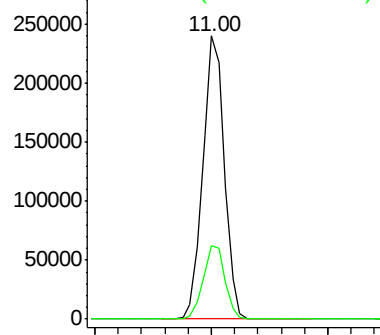
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.385 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion: 43 Resp: 121451

Ion Ratio Lower Upper

43 100

70 42.3 34.2 51.2

55 25.3 19.2 28.8

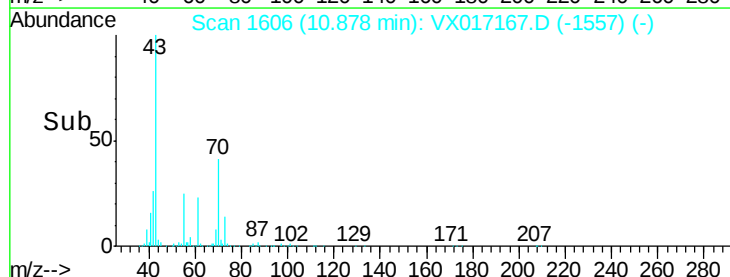
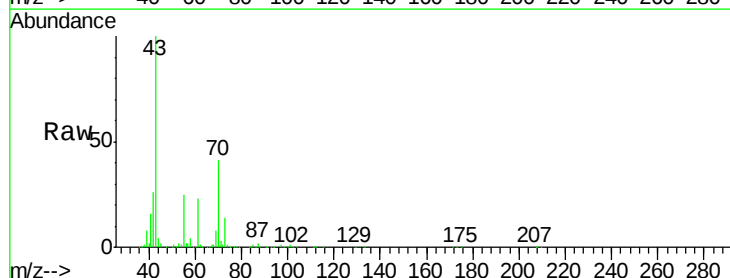
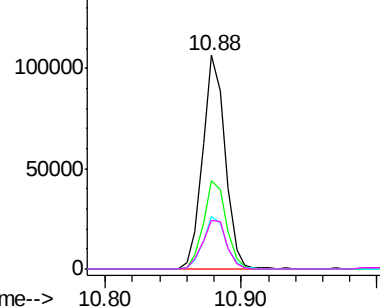
61 24.5 19.6 29.4

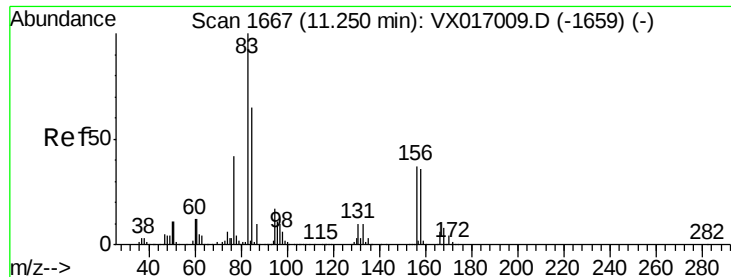
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.957 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

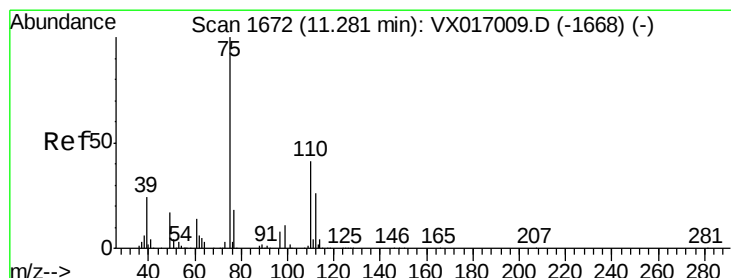
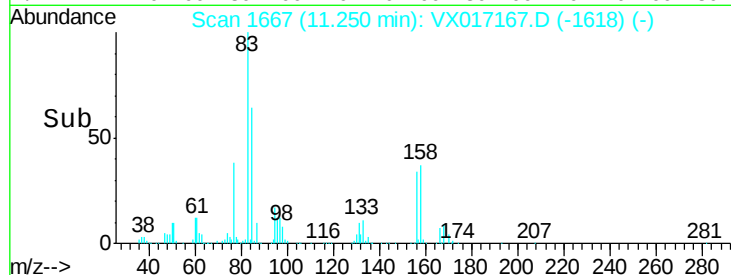
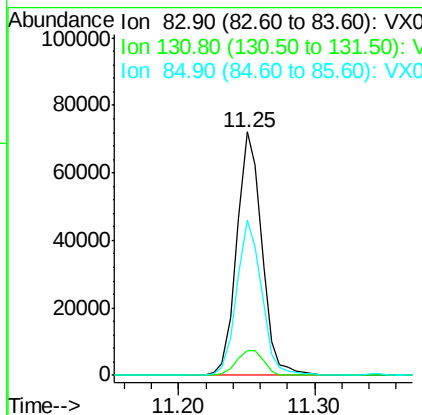
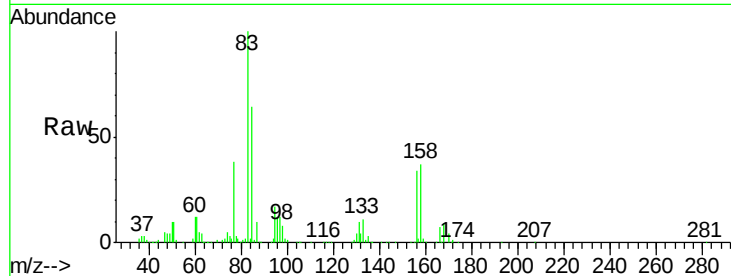
ClientSampleId :

VX0706WBS01

Tot Ion:	83	Resp:	92481
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.4	16.2
85	63.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.947 ug/l m

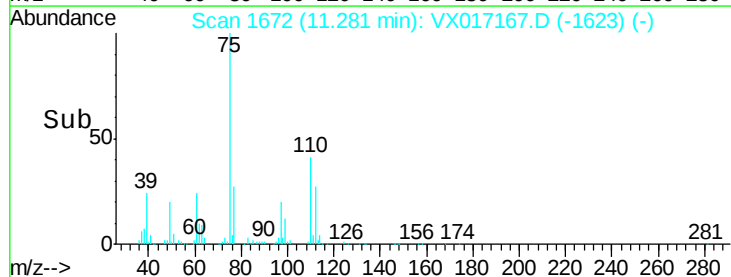
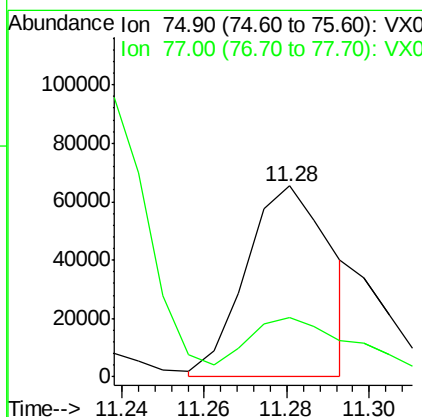
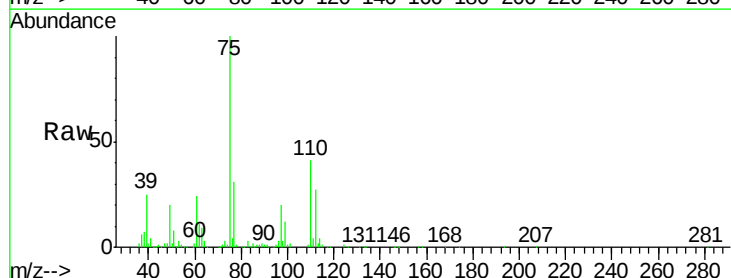
RT: 11.28 min Scan# 1672

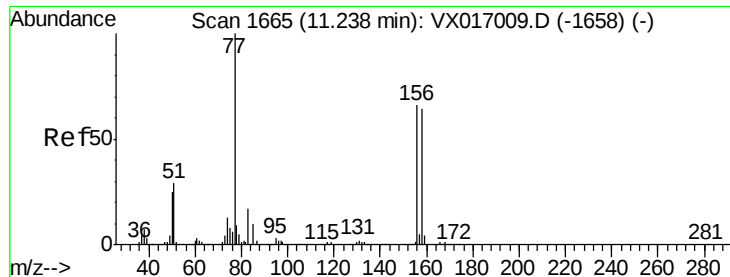
Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion:	75	Resp:	93132
Ion Ratio	Lower	Upper	
75	100		
77	40.0	20.2	60.6





#77

Bromobenzene

Concen: 19.118 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion:156 Resp: 86028

Ion Ratio Lower Upper

156 100

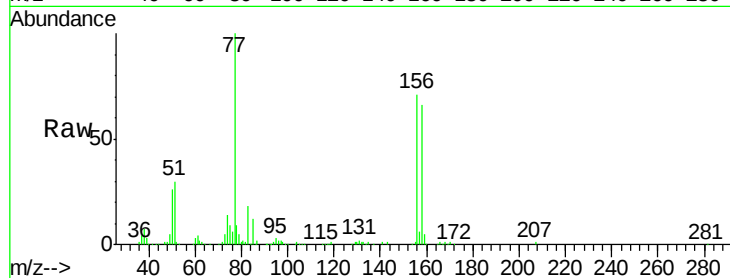
77 146.1 76.9 230.7

158 95.6 47.9 143.6

Manual Integrations
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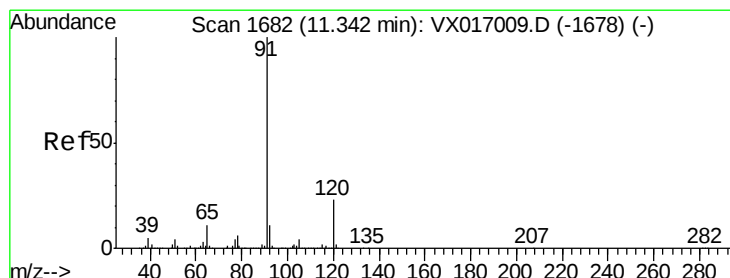
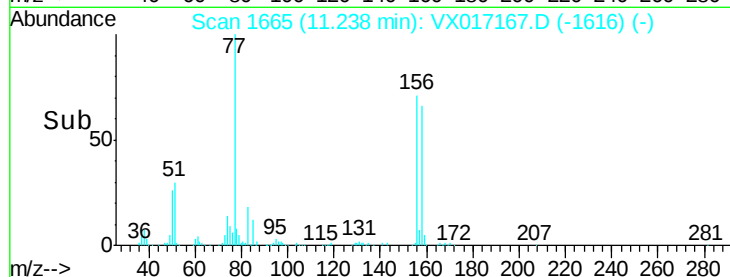
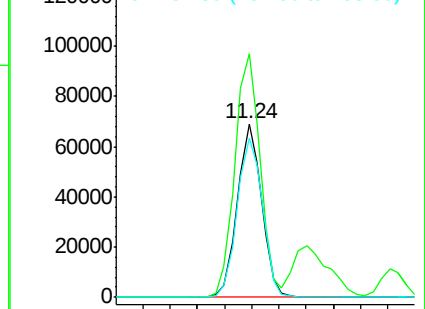
7/7/2020 12:24:42 PM



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: 18.950 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017167.D

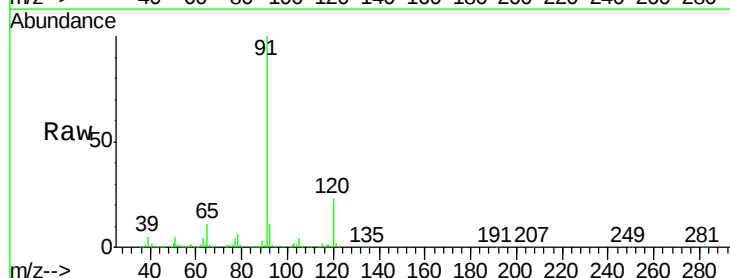
Acq: 06 Jul 2020 14:55

Tgt Ion: 91 Resp: 350846

Ion Ratio Lower Upper

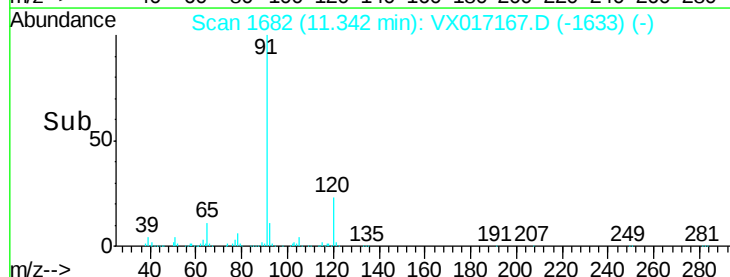
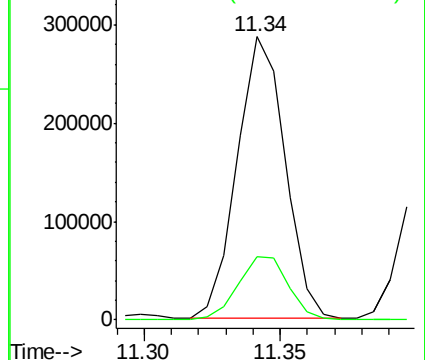
91 100

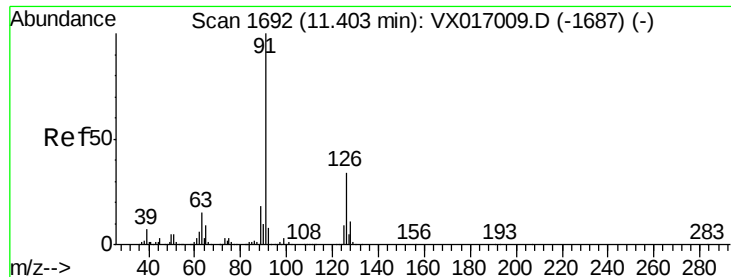
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





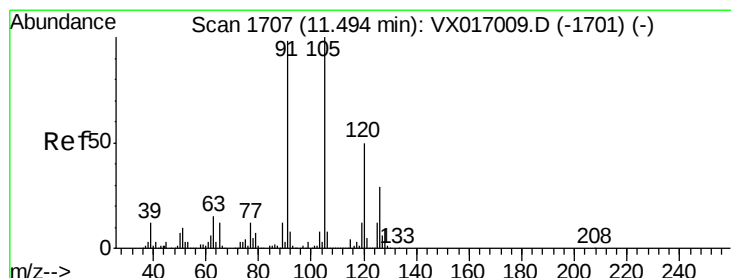
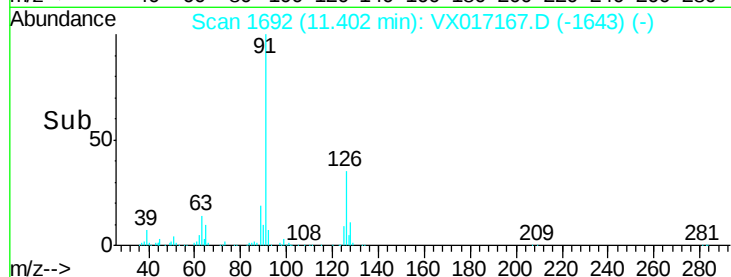
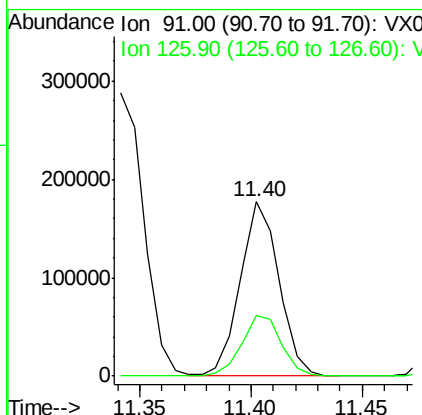
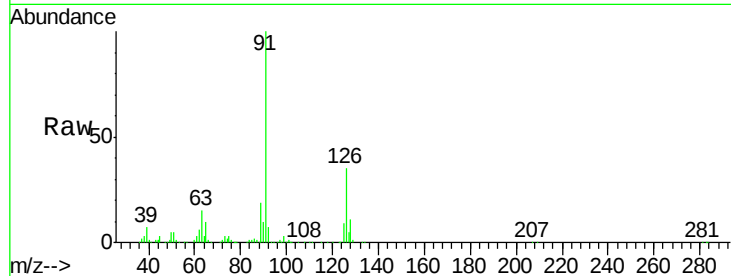
#79
 2-Chlorotoluene
 Concen: 19.124 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.4	52.3

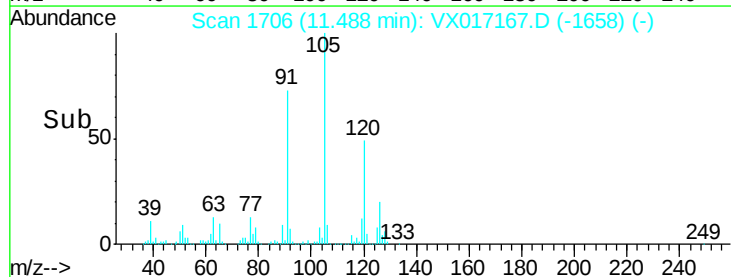
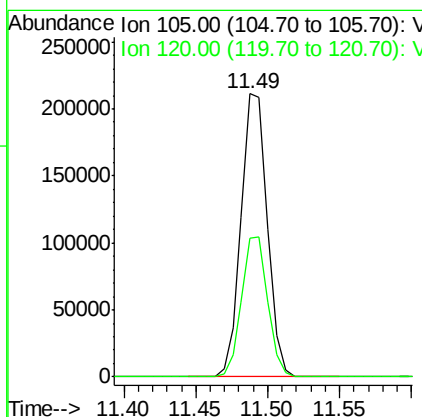
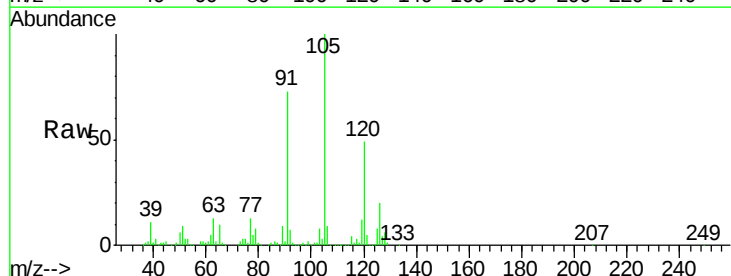
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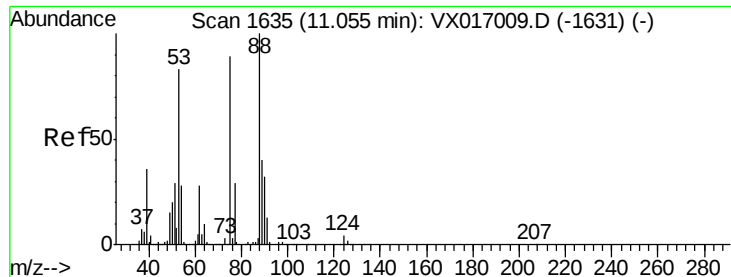
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.619 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.848 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

Tot Ion: 75 Resp: 31978

Ion Ratio Lower Upper

75 100

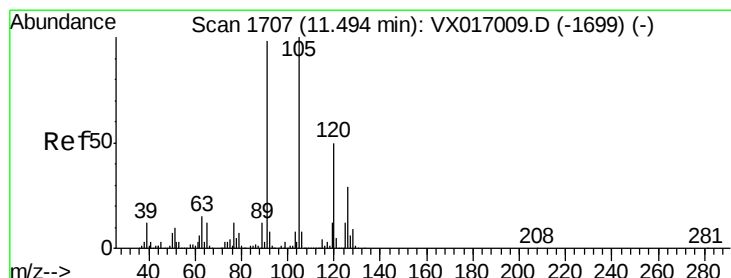
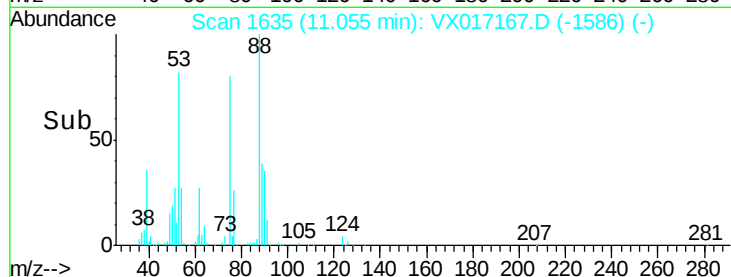
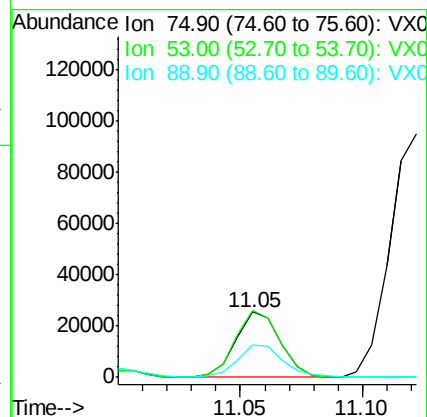
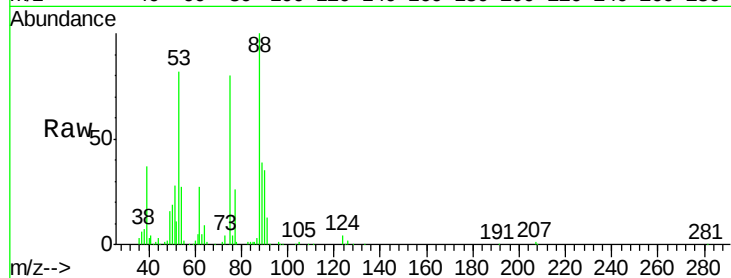
53 104.0 72.4 108.6

89 52.9 37.0 55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.054 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017167.D

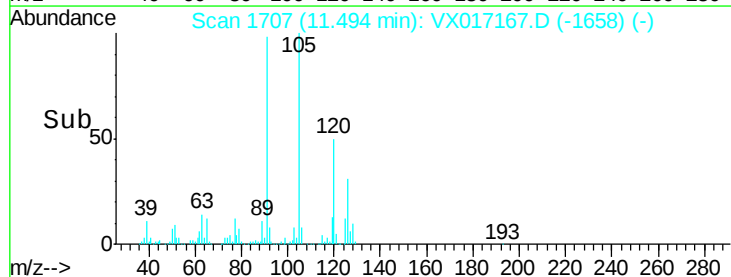
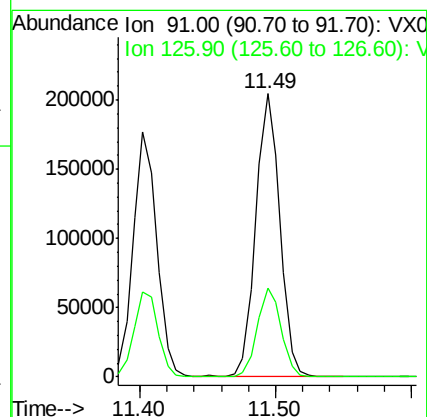
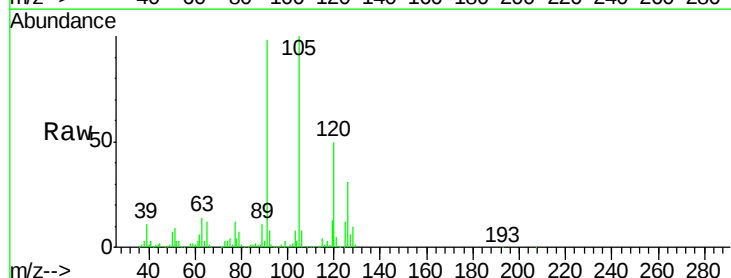
Acq: 06 Jul 2020 14:55

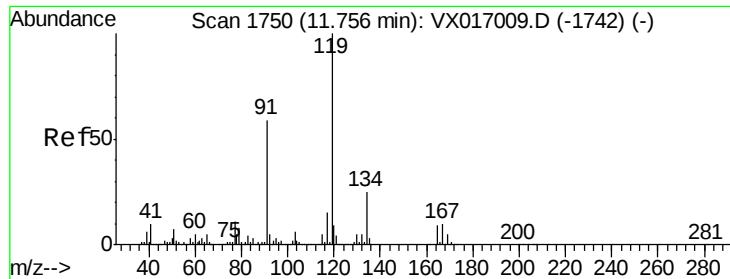
Tgt Ion: 91 Resp: 255231

Ion Ratio Lower Upper

91 100

126 31.1 15.2 45.5





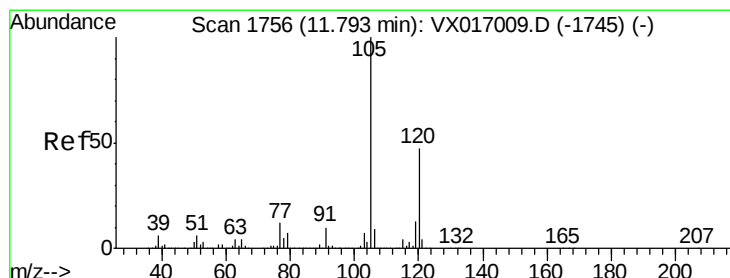
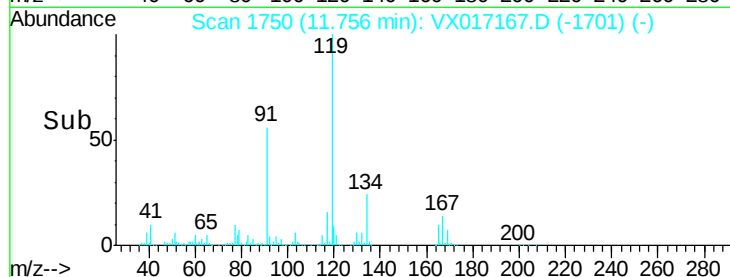
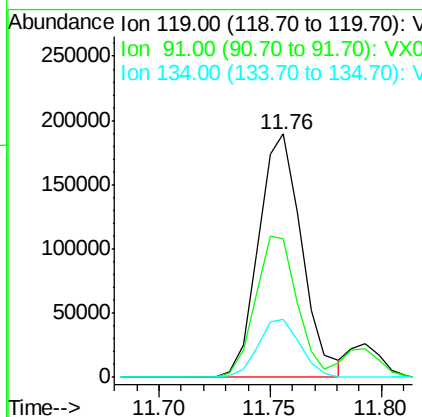
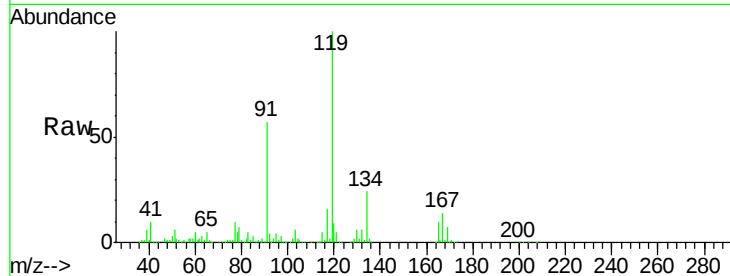
#83
 tert-Butylbenzene
 Concen: 19.226 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	256316		
91	56.1	28.3	84.9	
134	23.2	11.7	35.1	

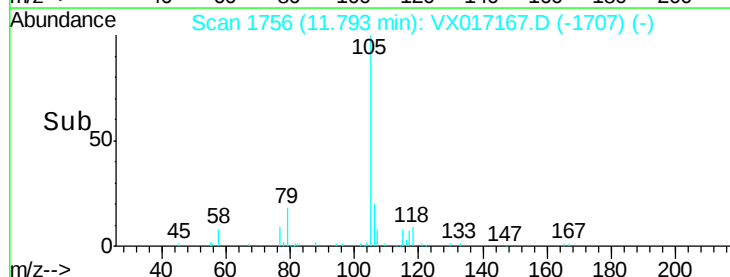
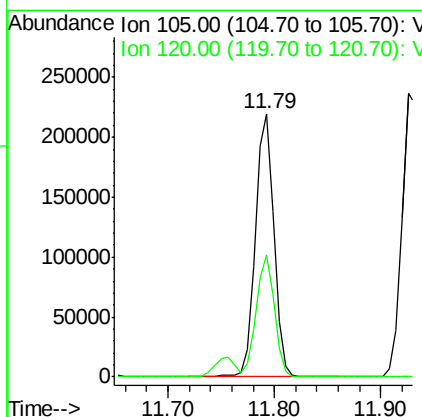
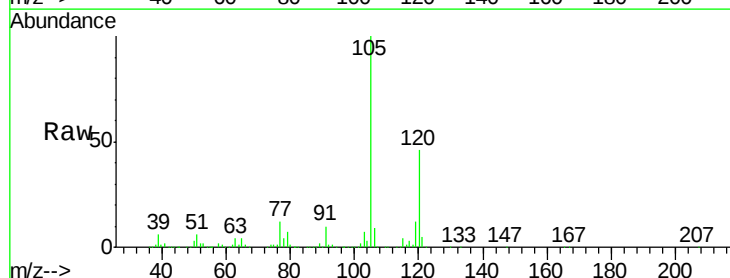
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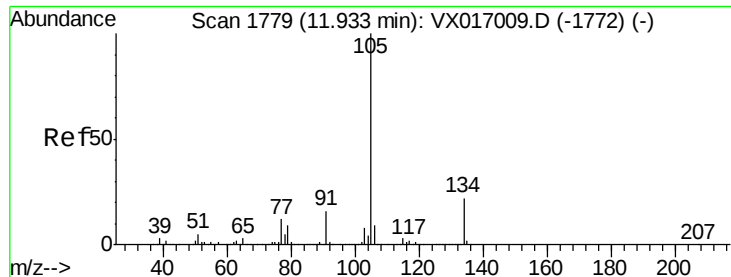
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.432 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267730		
120	45.6	22.9	68.5	





#85

sec-Butylbenzene

Concen: 18.993 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

Tot Ion:105 Resp: 297640

Ion Ratio Lower Upper

105 100

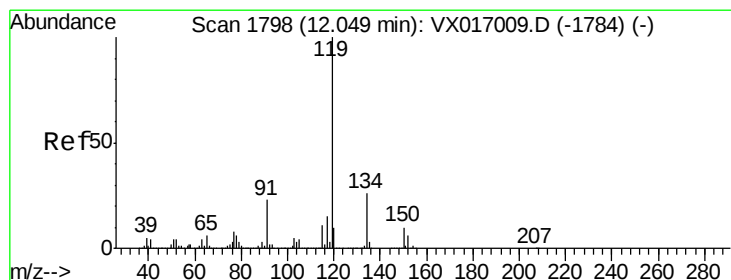
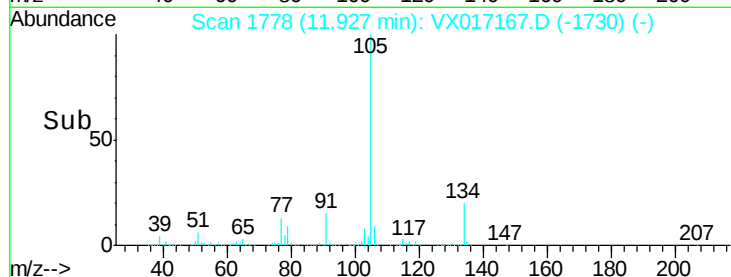
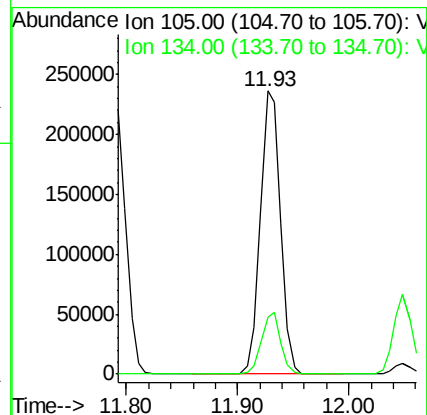
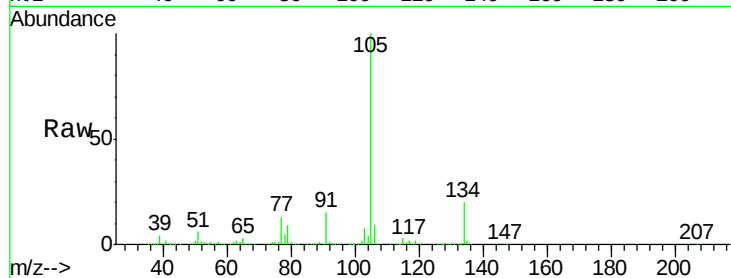
134 20.7 10.5 31.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.343 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

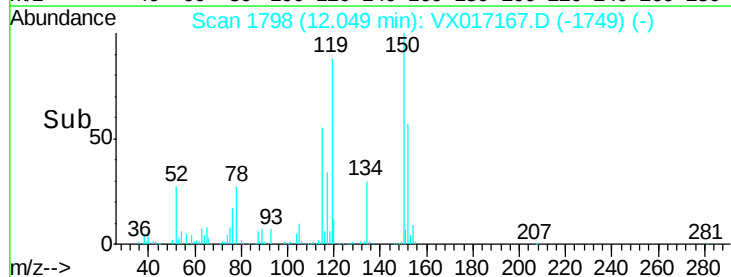
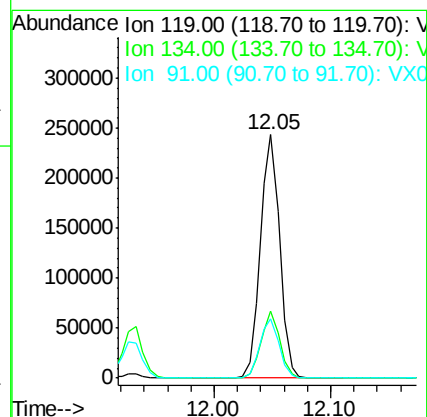
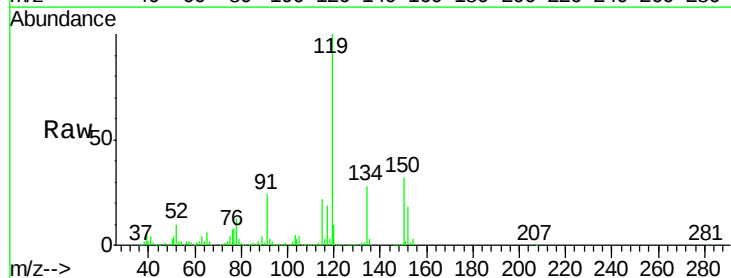
Tgt Ion:119 Resp: 282181

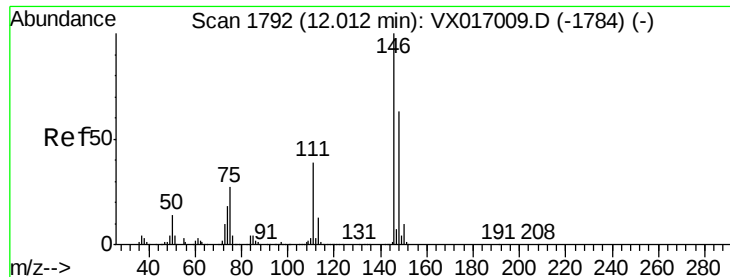
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 24.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.951 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017167.D

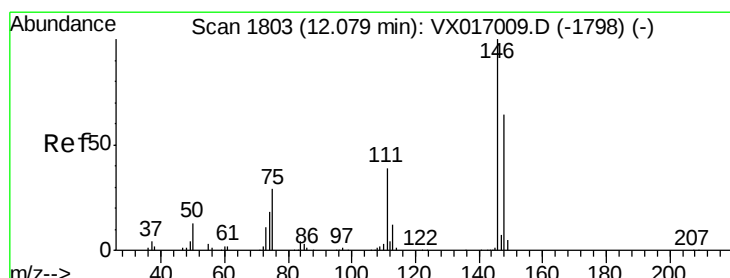
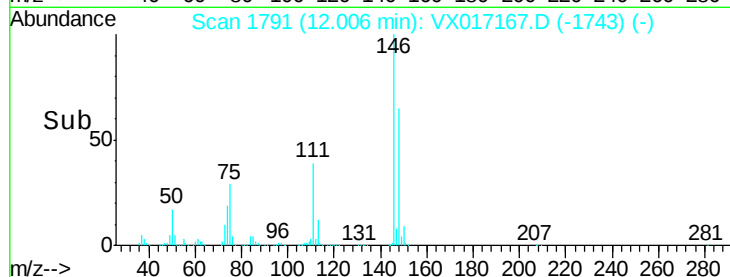
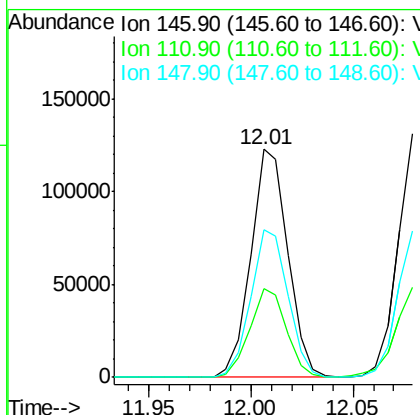
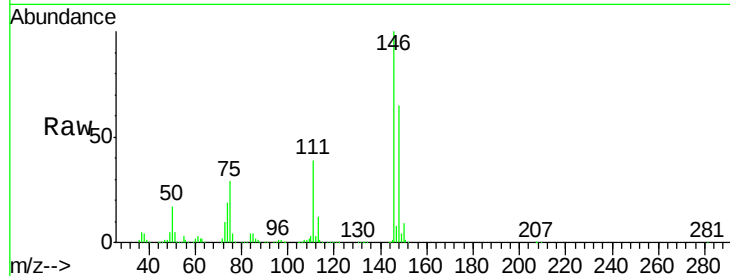
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.4	61.2
148	65.3	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.878 ug/l

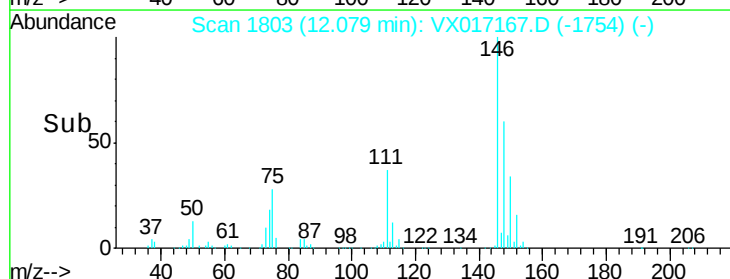
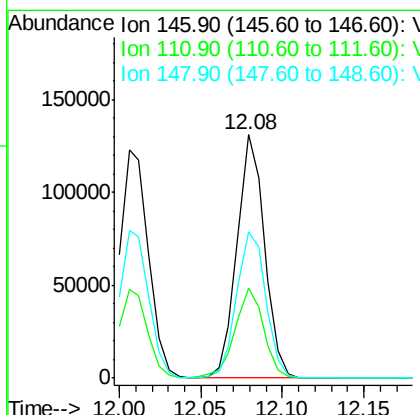
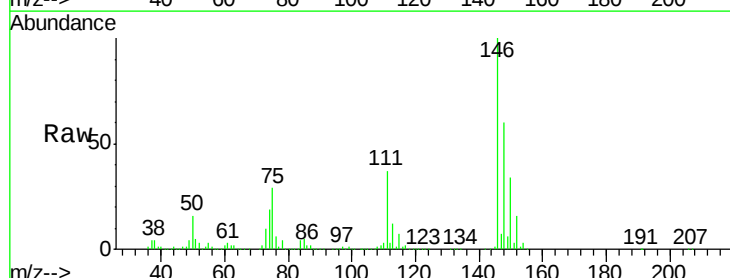
RT: 12.08 min Scan# 1803

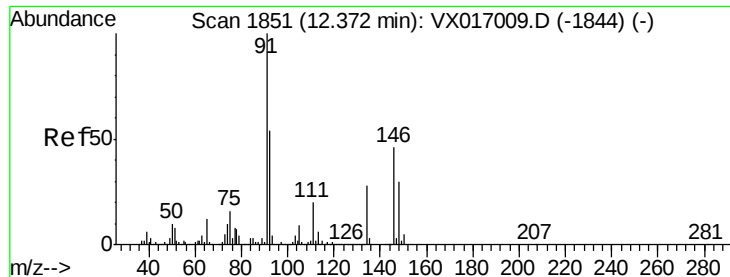
Delta R.T. 0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	64.2	31.9	95.7





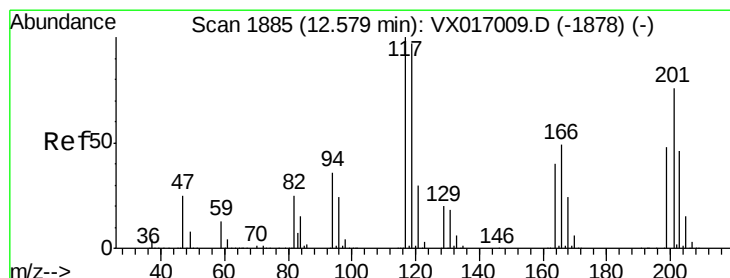
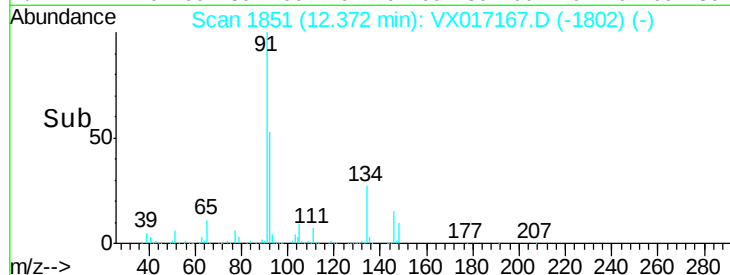
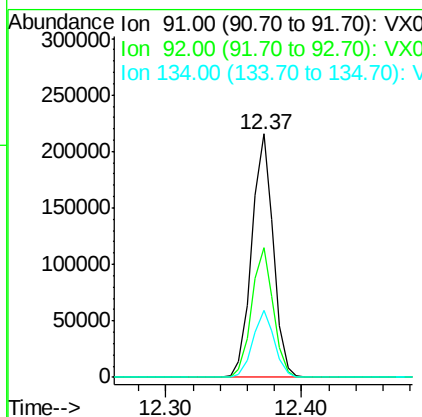
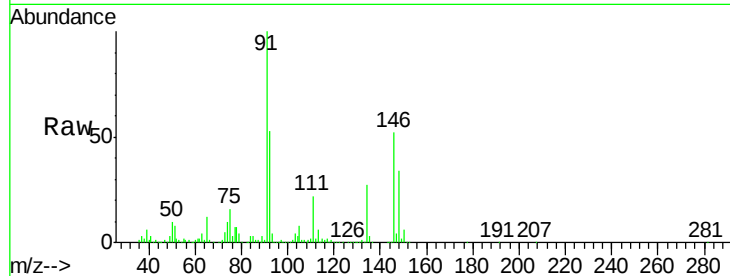
#89
n-Butylbenzene
Concen: 18.363 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.6
134	27.5	13.6	40.7

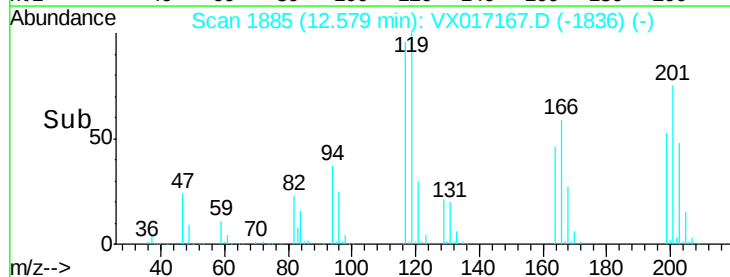
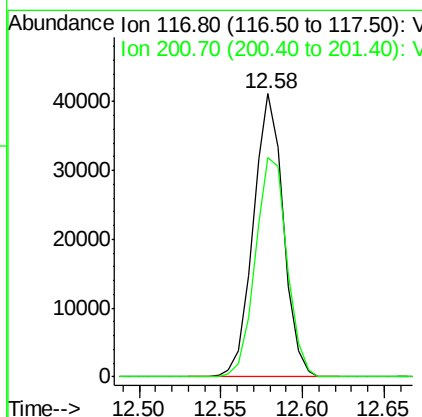
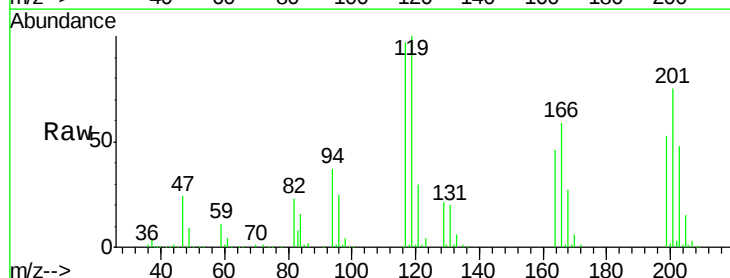
Manual Integrations
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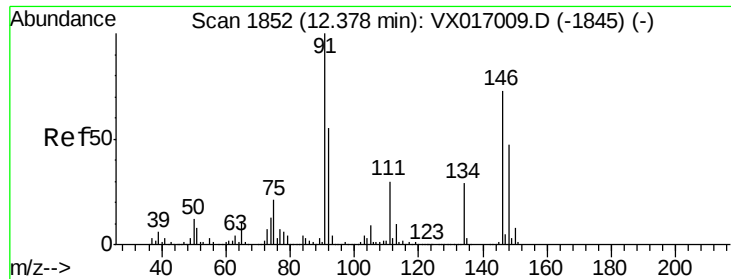
MMDadoda
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#90
Hexachloroethane
Concen: 18.310 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.2	39.4	118.2





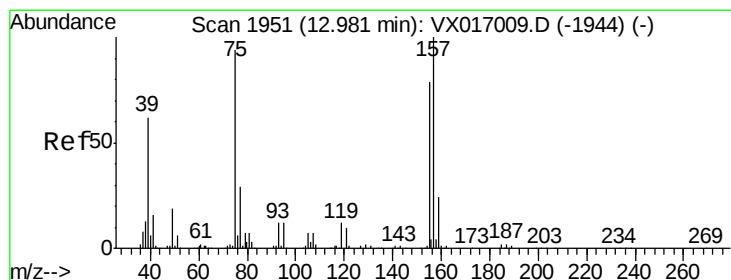
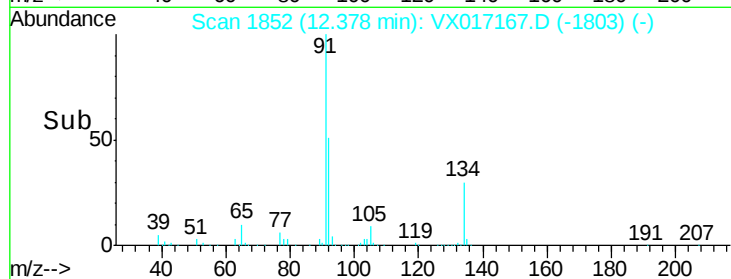
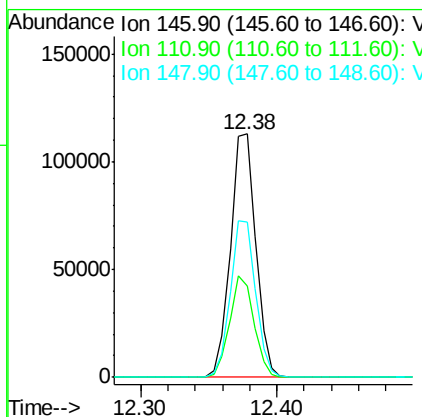
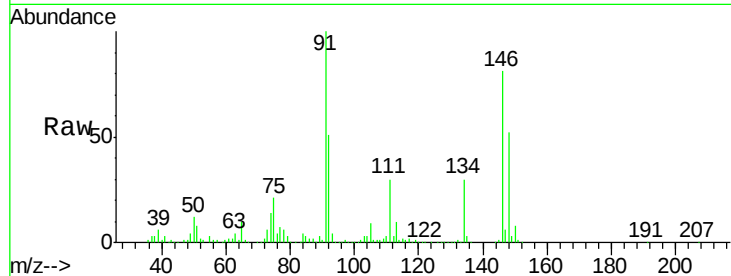
#91
 1,2-Dichlorobenzene
 Concen: 19.178 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	146508		
111	40.1		20.6	61.9
148	64.2		32.4	97.2

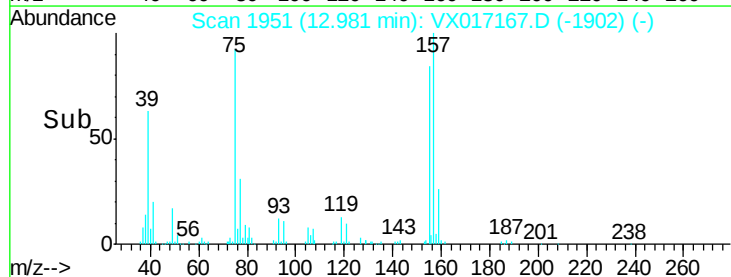
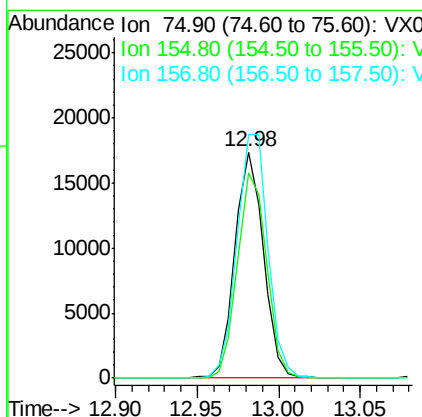
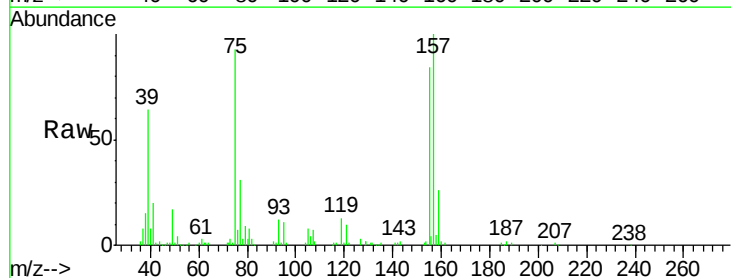
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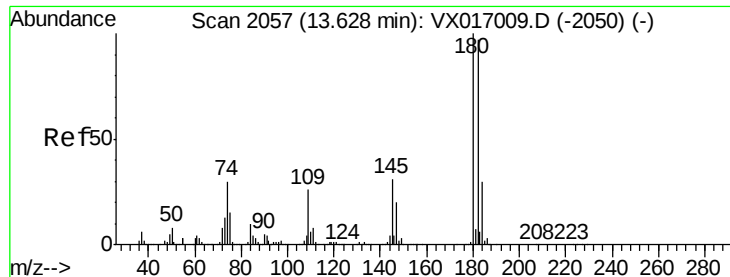
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.283 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21234		
155	92.7		45.1	135.2
157	117.2		56.5	169.3





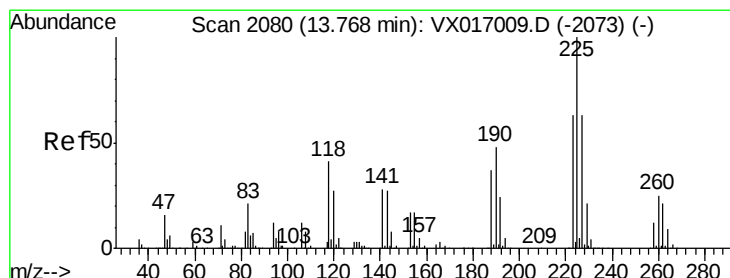
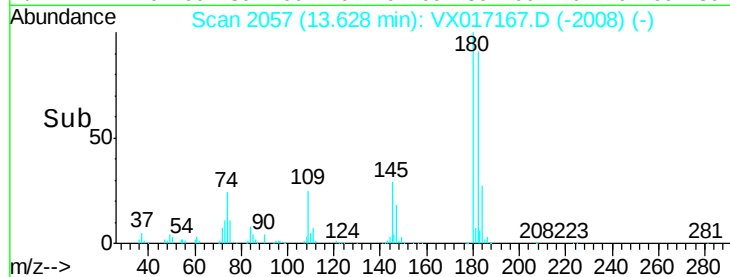
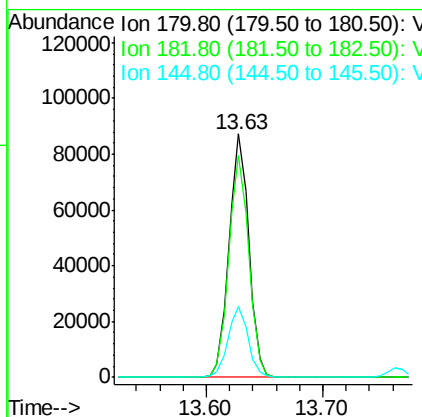
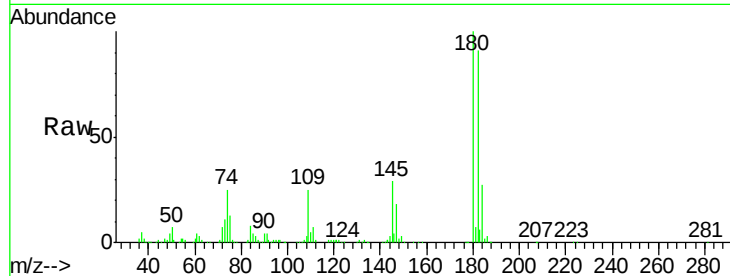
#93
 1,2,4-Trichlorobenzene
 Concen: 19.774 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	103102		
182	92.3	47.3	141.9	
145	29.5	15.4	46.2	

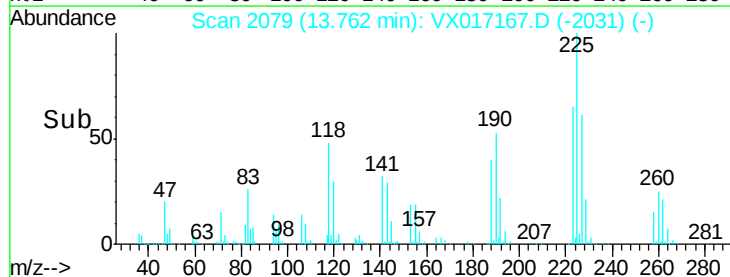
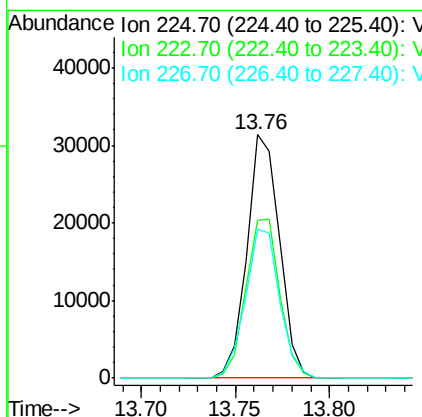
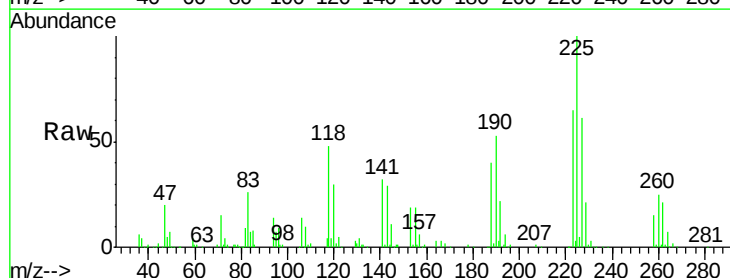
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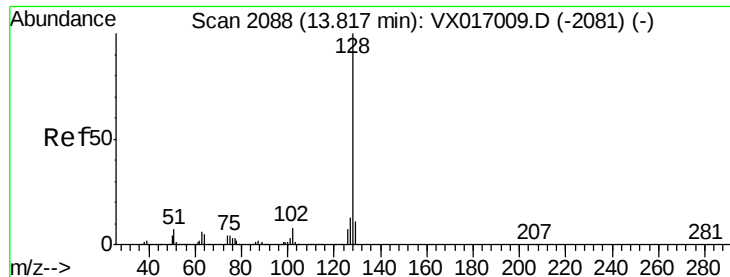
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#94
 Hexachlorobutadiene
 Concen: 19.537 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37626		
223	68.2	32.5	97.5	
227	64.6	33.1	99.2	





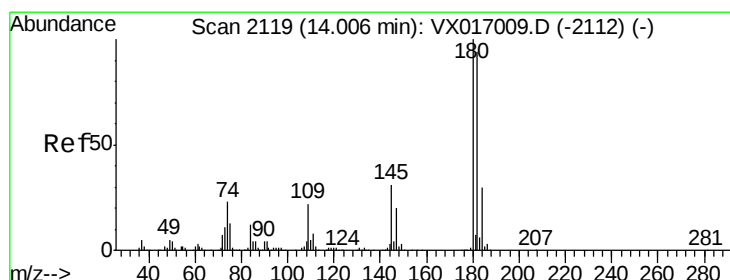
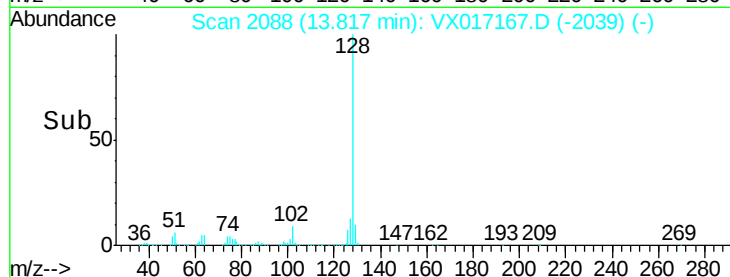
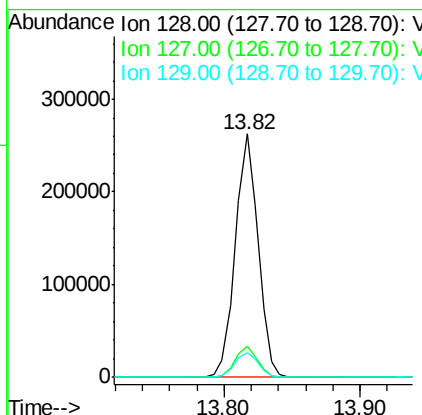
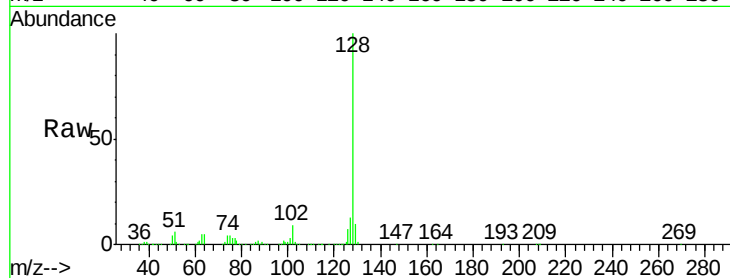
#95
Naphthalene
Concen: 19.305 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.129 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.1	141.4
145	33.9	16.6	49.7

