

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017014.D
 Acq On : 29 Jun 2020 18:09
 Operator : JC/SP
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:12:11 AM

Quant Time: Jun 30 05:54:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	487126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184453	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.47	113	152535	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	8.70	98	566013	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	213051	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59273	20.588	ug/l	97
3) Chloromethane	1.32	50	67809	19.458	ug/l	99
4) Vinyl Chloride	1.39	62	65009	20.106	ug/l	97
5) Bromomethane	1.63	94	42966	25.151	ug/l	99
6) Chloroethane	1.71	64	37580	19.679	ug/l	99
7) Trichlorofluoromethane	1.92	101	92618	19.368	ug/l	96
8) Diethyl Ether	2.17	74	33344	20.937	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58155	20.290	ug/l	99
10) Methyl Iodide	2.49	142	62578	16.921	ug/l	99
11) Tert butyl alcohol	3.01	59	70791	101.145	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57802	19.632	ug/l	96
13) Acrolein	2.28	56	38081	91.019	ug/l	97
14) Allyl chloride	2.71	41	104314	19.171	ug/l	99
15) Acrylonitrile	3.12	53	166016	98.671	ug/l	100
16) Acetone	2.42	43	138966	101.254	ug/l	99
17) Carbon Disulfide	2.55	76	171839	20.928	ug/l	99
18) Methyl Acetate	2.75	43	70888	19.786	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	195966	19.831	ug/l	97
20) Methylene Chloride	2.84	84	65008	20.186	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	63078	19.305	ug/l	98
22) Diisopropyl ether	3.83	45	207681	20.622	ug/l	89
23) Vinyl Acetate	3.79	43	896319	103.572	ug/l	99
24) 1,1-Dichloroethane	3.67	63	114326	19.951	ug/l	100
25) 2-Butanone	4.64	43	232620	101.720	ug/l	98
26) 2,2-Dichloropropane	4.55	77	98542	19.368	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	72585	19.606	ug/l	99
28) Bromochloromethane	4.98	49	53920	19.337	ug/l	97
29) Tetrahydrofuran	5.09	42	152484	100.917	ug/l	99
30) Chloroform	5.18	83	116577	19.846	ug/l	99
31) Cyclohexane	5.55	56	98832	19.953	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	105739	19.546	ug/l	99
36) 1,1-Dichloropropene	5.77	75	84438	18.340	ug/l	99
37) Ethyl Acetate	4.80	43	92523	19.807	ug/l	99
38) Carbon Tetrachloride	5.76	117	95375	18.808	ug/l	95

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Manual Integrations
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	96421	18.823	ug/l	99
40) Benzene	6.11	78	258005	19.073	ug/l	100
41) Methacrylonitrile	5.00	41	49503	18.829	ug/l	99
42) 1,2-Dichloroethane	6.17	62	93098	19.054	ug/l	99
43) Isopropyl Acetate	6.41	43	148452	19.125	ug/l	99
44) Trichloroethene	7.19	130	73774	19.575	ug/l	93
45) 1,2-Dichloropropane	7.49	63	65735	18.920	ug/l	99
46) Dibromomethane	7.64	93	45175	19.045	ug/l	98
47) Bromodichloromethane	7.88	83	93404	19.108	ug/l	94
48) Methyl methacrylate	7.74	41	70830	19.207	ug/l	98
49) 1,4-Dioxane	7.71	88	32206	385.491	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	458752	99.146	ug/l	99
52) Toluene	8.76	92	162094	19.193	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	101349	18.791	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	109844	18.999	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	66860	19.376	ug/l	97
56) Ethyl methacrylate	9.16	69	93938	19.127	ug/l	99
57) 1,3-Dichloropropane	9.35	76	111024	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	246500	100.845	ug/l	99
59) 2-Hexanone	9.47	43	341483	101.052	ug/l	99
60) Dibromochloromethane	9.57	129	74286	18.536	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70206	18.928	ug/l	100
64) Tetrachloroethene	9.32	164	68000	18.640	ug/l	98
65) Chlorobenzene	10.12	112	172808	18.523	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	66690	18.548	ug/l	98
67) Ethyl Benzene	10.24	91	299342	19.213	ug/l	98
68) m/p-Xylenes	10.34	106	231720	38.734	ug/l	99
69) o-Xylene	10.68	106	108064	18.989	ug/l	97
70) Styrene	10.70	104	187456	19.343	ug/l	99
71) Bromoform	10.84	173	53742	18.849	ug/l #	99
73) Isopropylbenzene	11.00	105	295224	19.834	ug/l	100
74) N-amyl acetate	10.88	43	126319	19.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	91854	19.618	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	89069m	19.932	ug/l	
77) Bromobenzene	11.24	156	76654	18.737	ug/l	98
78) n-propylbenzene	11.34	91	335646	19.940	ug/l	99
79) 2-Chlorotoluene	11.40	91	201857	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	248226	20.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	32207	18.664	ug/l	95
82) 4-Chlorotoluene	11.49	91	237717	19.520	ug/l	99
83) tert-Butylbenzene	11.76	119	240141	19.813	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	252899	20.190	ug/l	99
85) sec-Butylbenzene	11.93	105	279439	19.614	ug/l	98
86) p-Isopropyltoluene	12.05	119	263683	19.881	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138334	18.618	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	139906	19.852	ug/l	99
89) n-Butylbenzene	12.37	91	225256	19.021	ug/l	99
90) Hexachloroethane	12.58	117	50616	19.353	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	136277	19.622	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20386	18.251	ug/l	99

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ClientSampleId :
VX0629WBS01

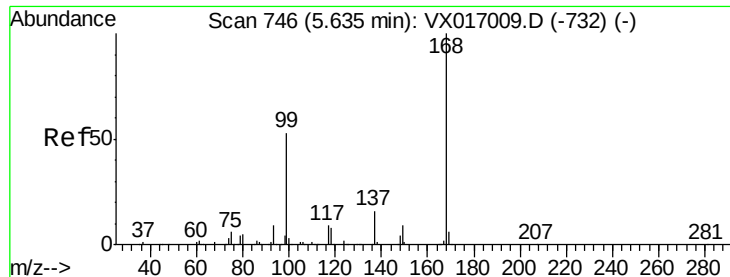
Manual Integrations
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QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	87645	18.489	ug/l	99
94) Hexachlorobutadiene	13.76	225	34989	19.964	ug/l	97
95) Naphthalene	13.82	128	278347	19.314	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	84745	18.473	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion:168 Resp: 297597

Ion Ratio Lower Upper

168 100

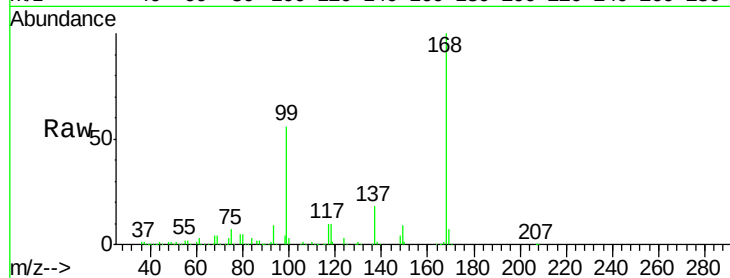
99 56.3 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

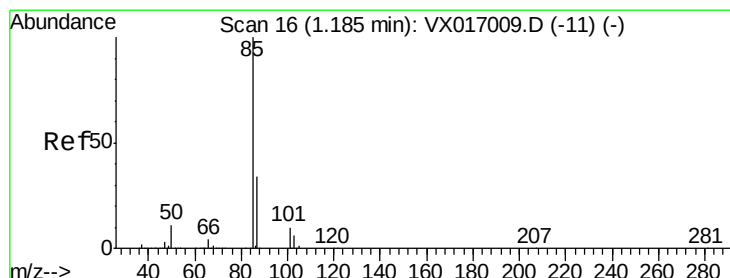
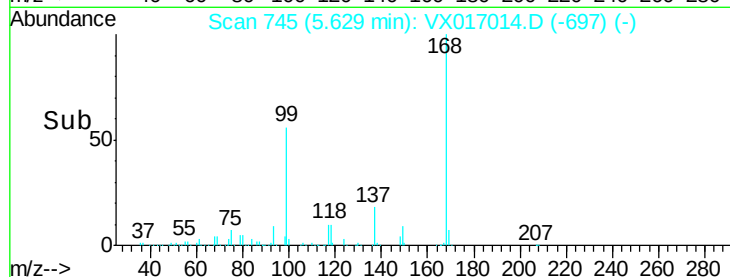
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.588 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017014.D

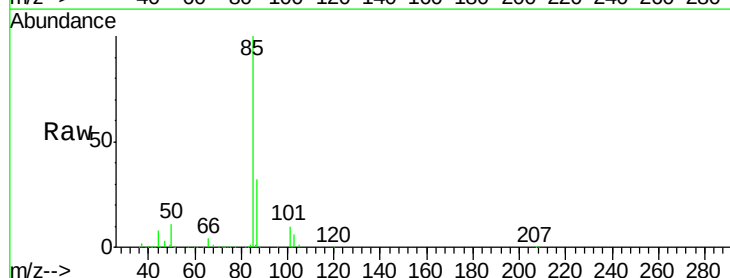
Acq: 29 Jun 2020 18:09

Tgt Ion: 85 Resp: 59273

Ion Ratio Lower Upper

85 100

87 31.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

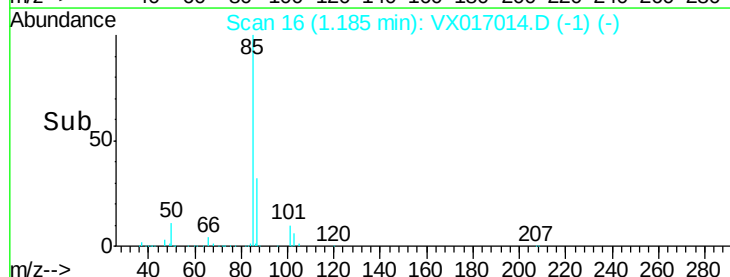
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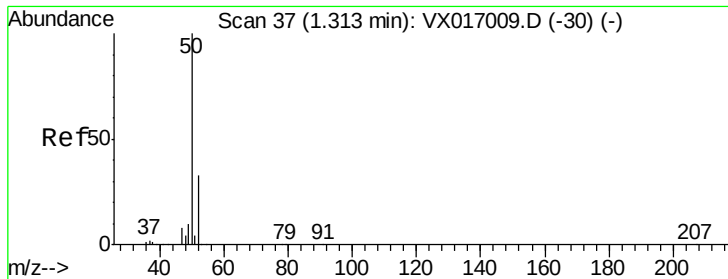
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.458 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 50 Resp: 67809

Ion Ratio Lower Upper

50 100

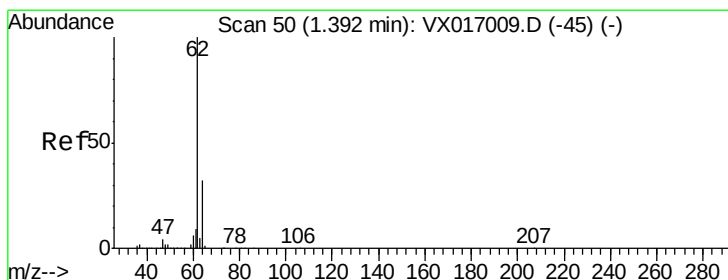
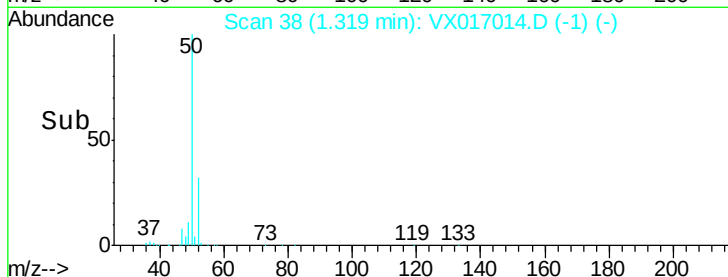
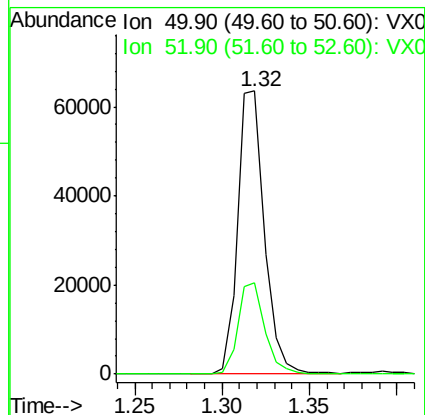
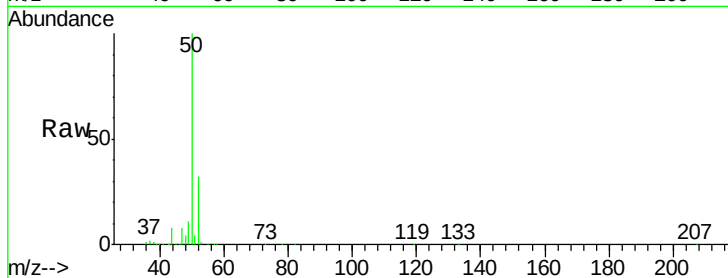
52 32.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 20.106 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017014.D

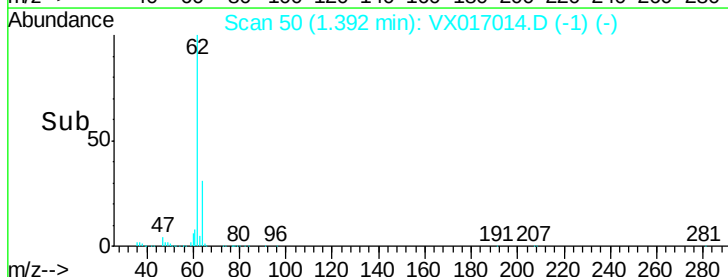
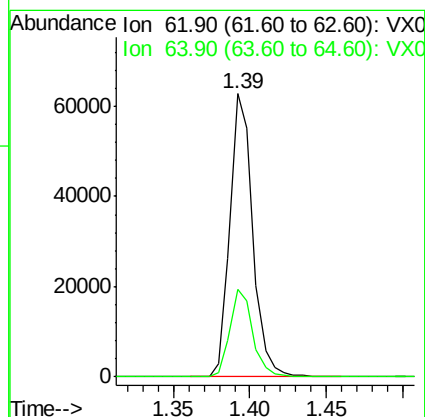
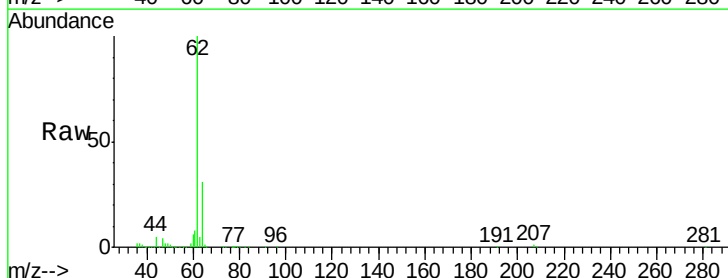
Acq: 29 Jun 2020 18:09

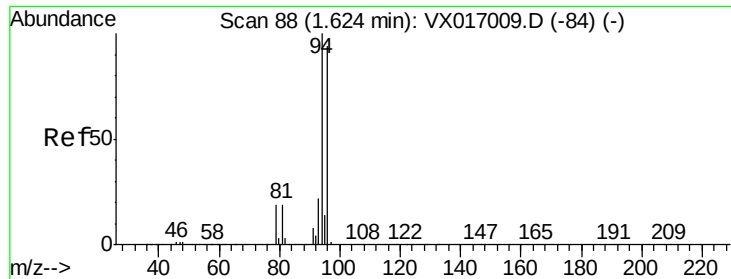
Tgt Ion: 62 Resp: 65009

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9





#5

Bromomethane

Concen: 25.151 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 94 Resp: 42966

Ion Ratio Lower Upper

94 100

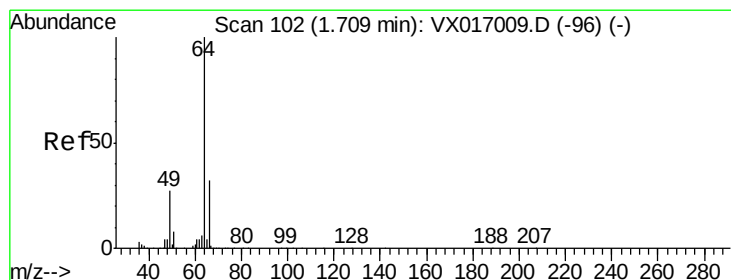
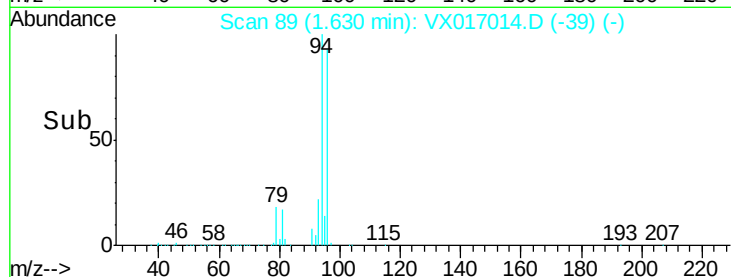
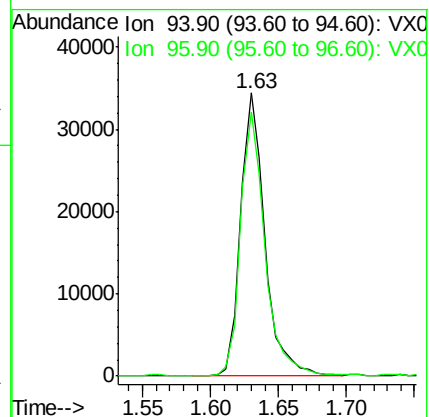
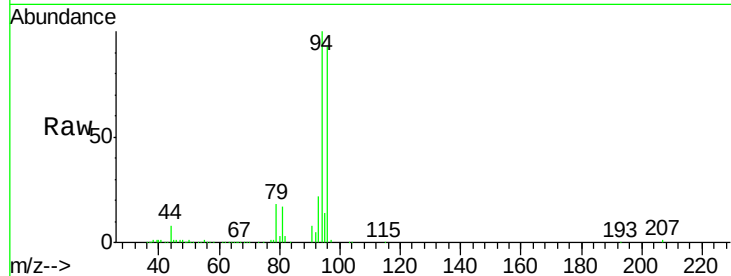
96 93.0 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 19.679 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017014.D

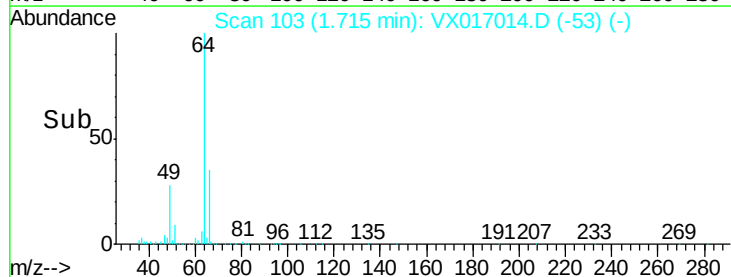
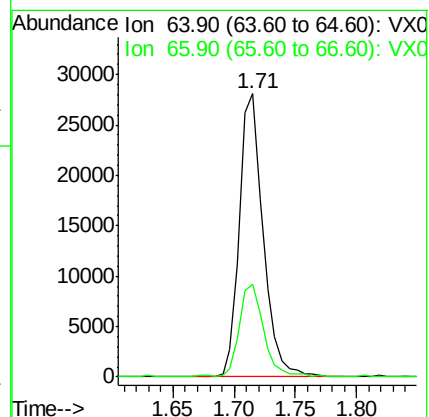
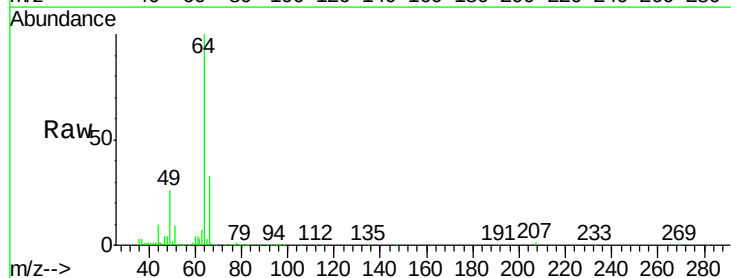
Acq: 29 Jun 2020 18:09

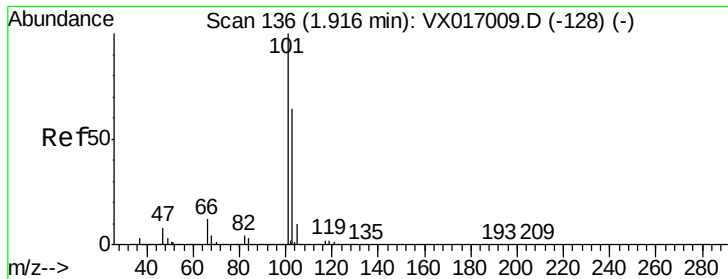
Tgt Ion: 64 Resp: 37580

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3





#7

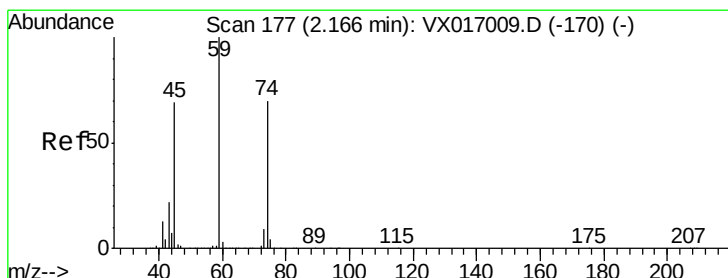
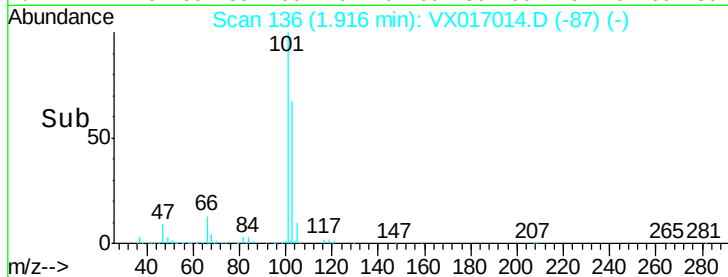
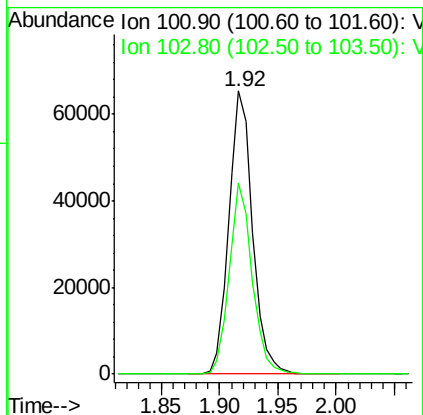
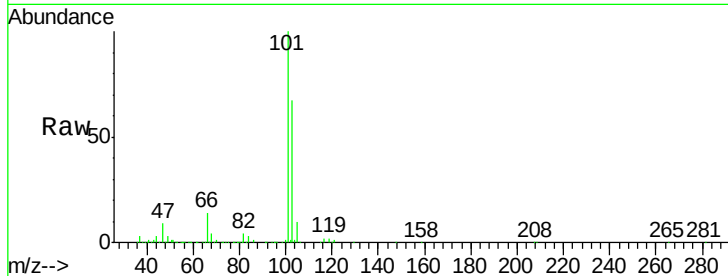
Trichlorofluoromethane
 Concen: 19.368 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.5	77.3

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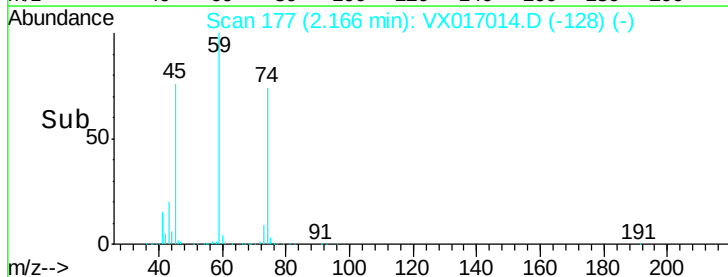
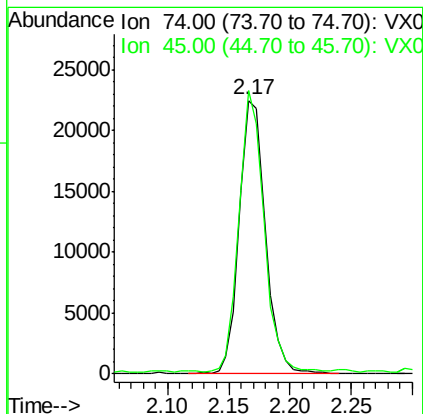
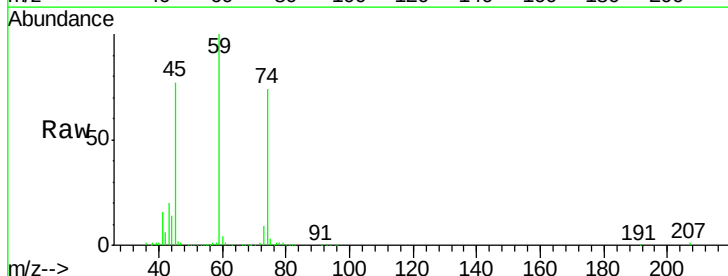
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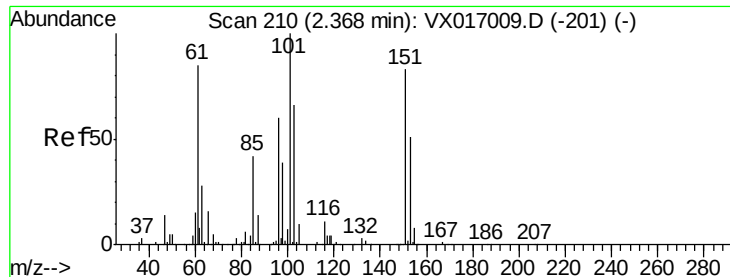


#8

Diethyl Ether
 Concen: 20.937 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.290 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

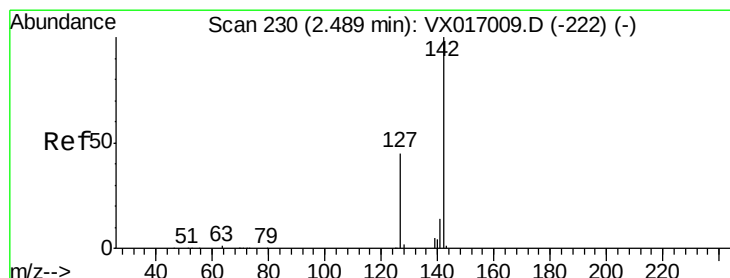
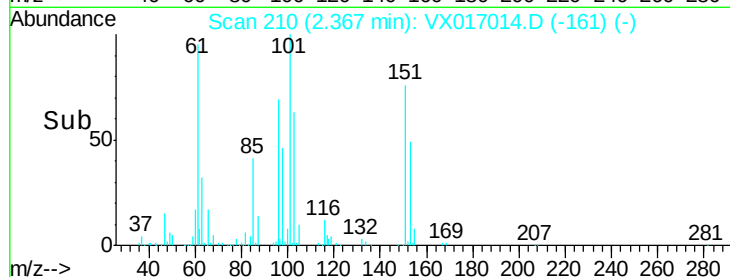
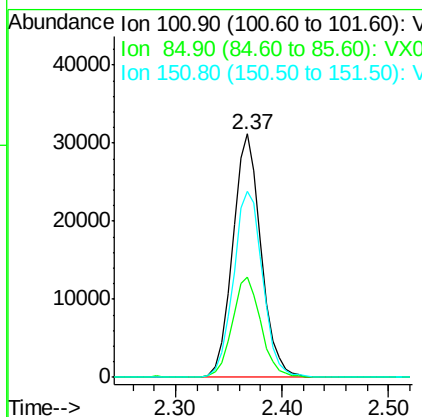
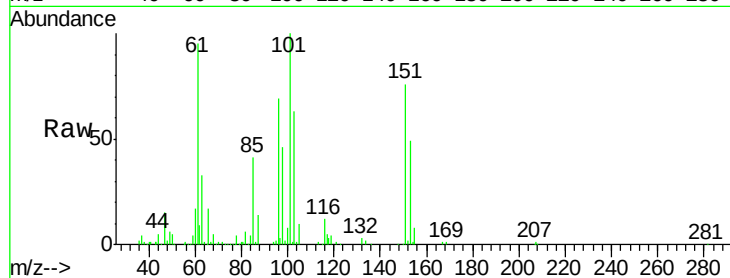
ClientSampleId :

VX0629WBS01

Tot Ion:	101	Resp:	58155
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.5	50.3
151	78.9	63.8	95.6

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#10

Methyl Iodide

Concen: 16.921 ug/l

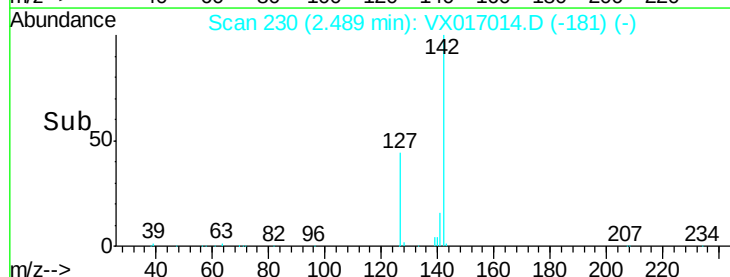
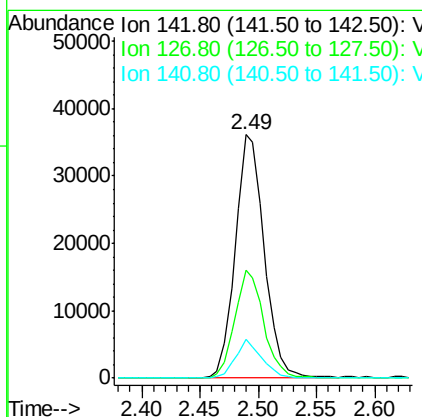
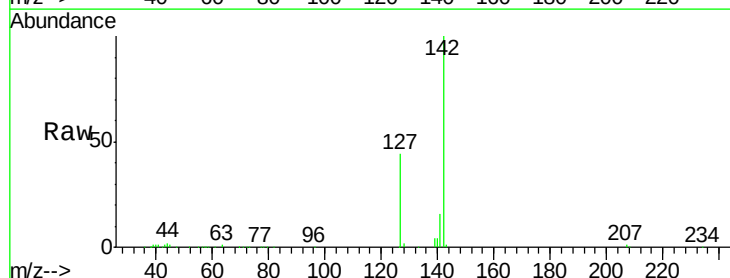
RT: 2.49 min Scan# 230

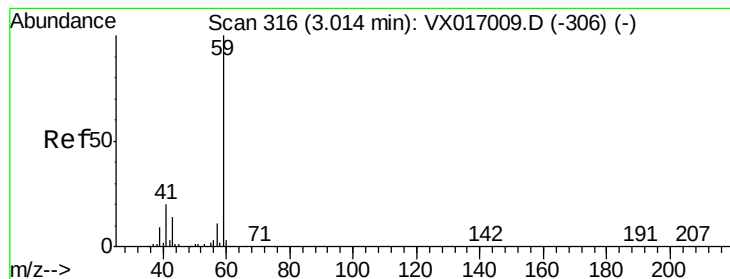
Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion:	142	Resp:	62578
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.6	54.8
141	14.7	11.6	17.4





#11

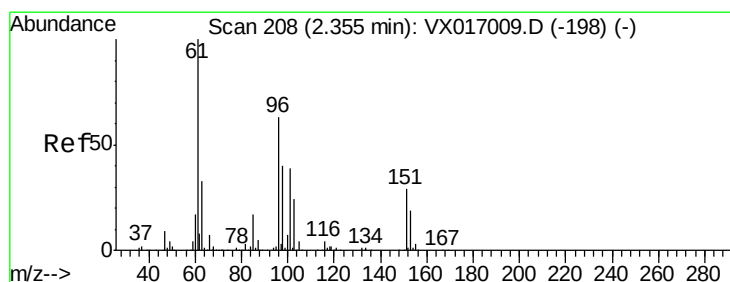
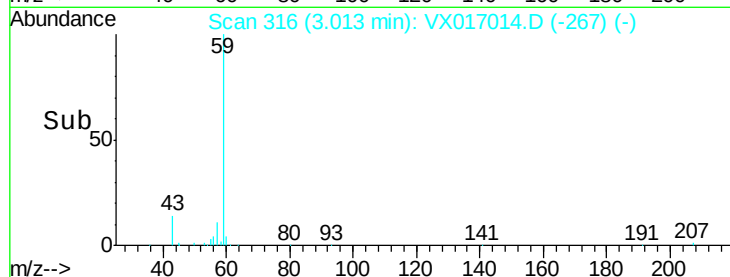
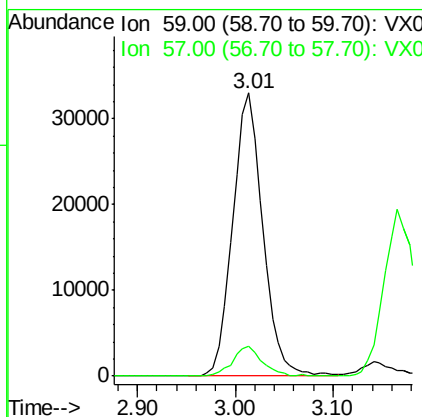
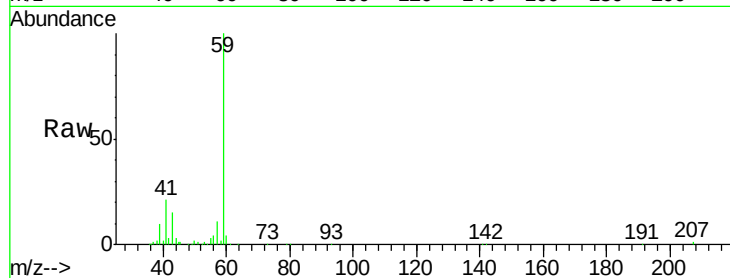
Tert butyl alcohol
Concen: 101.145 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

Manual Integrations
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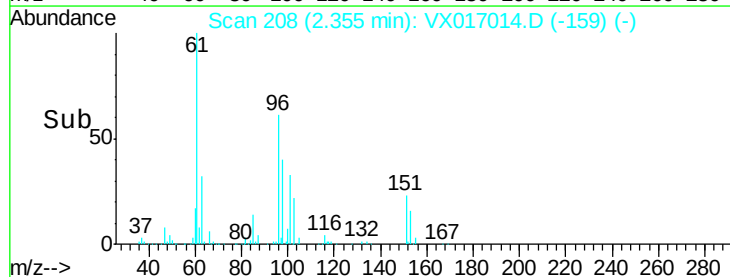
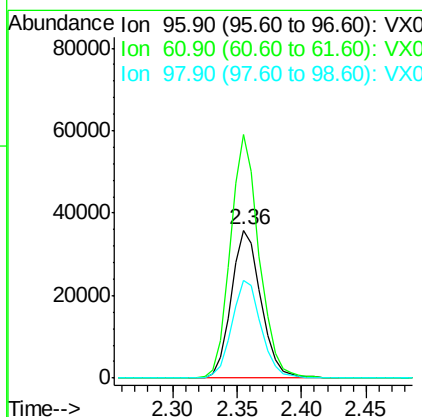
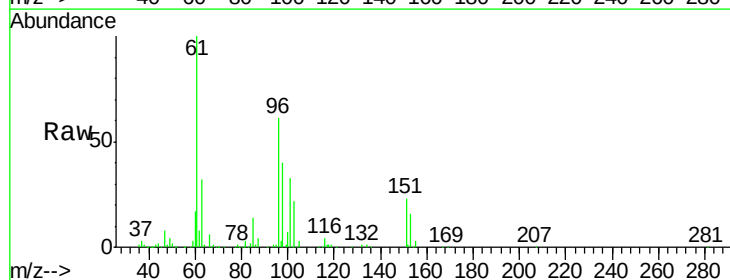
MMDadoda
6/30/2020 10:12:11 AM

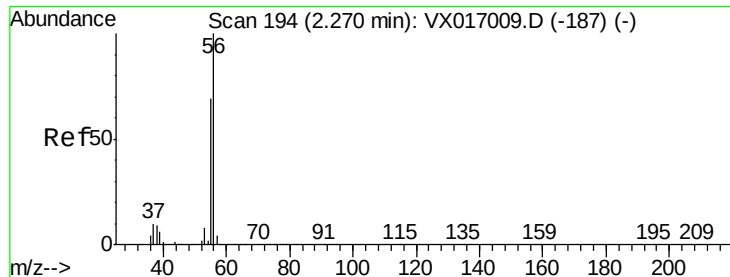


#12

1,1-Dichloroethene
Concen: 19.632 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.5	126.3	189.5
98	65.8	51.0	76.6





#13

Acrolein

Concen: 91.019 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 56 Resp: 38081

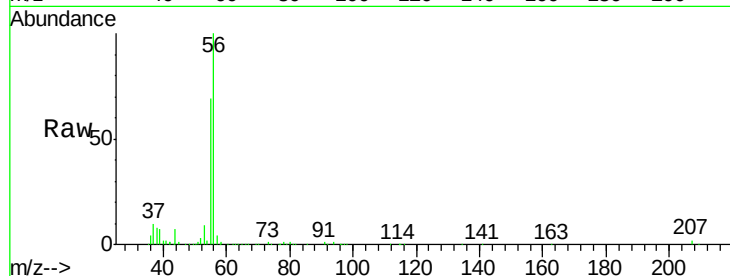
Ion Ratio Lower Upper

56 100

55 72.0 55.7 83.5

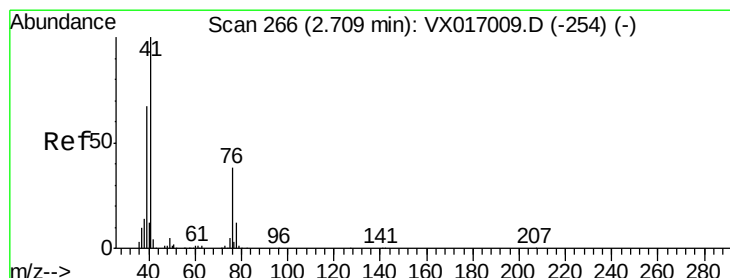
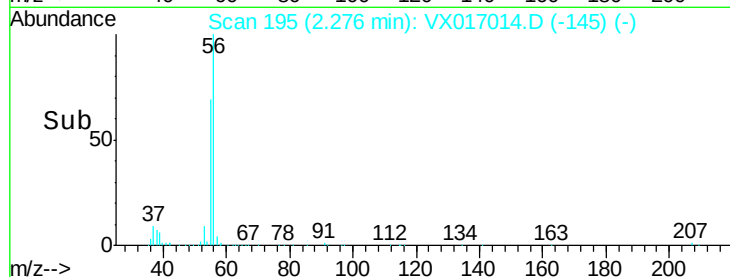
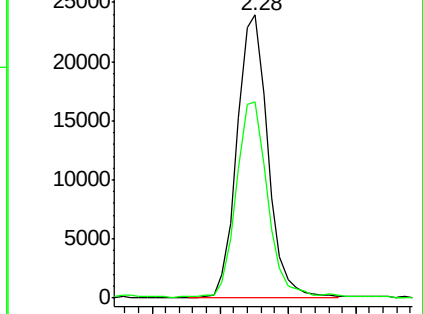
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.171 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

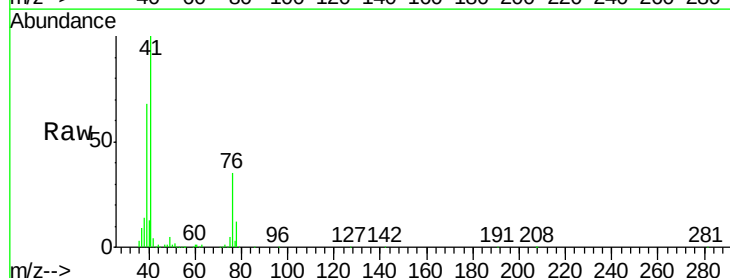
Tgt Ion: 41 Resp: 104314

Ion Ratio Lower Upper

41 100

39 63.0 49.4 74.2

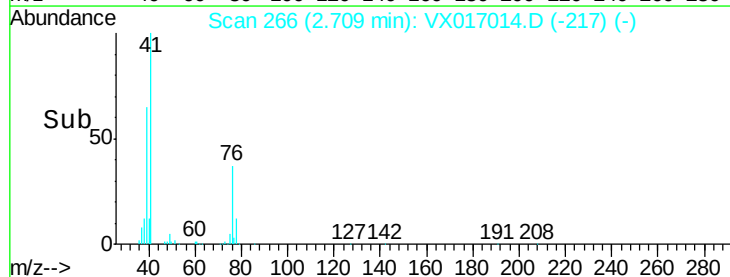
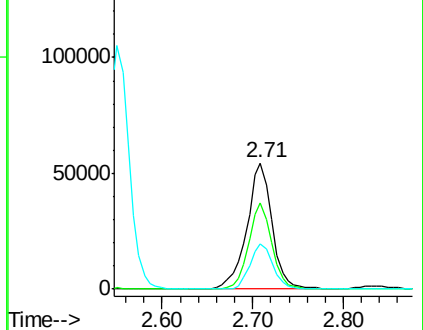
76 33.3 26.8 40.2

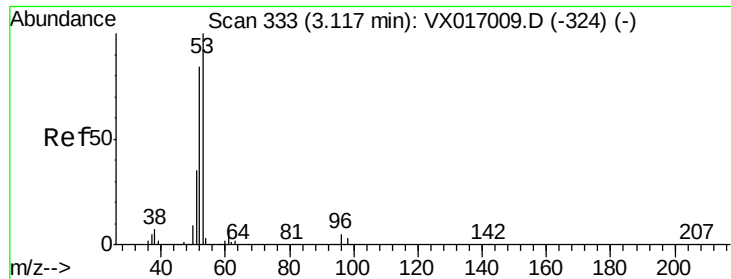


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.671 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

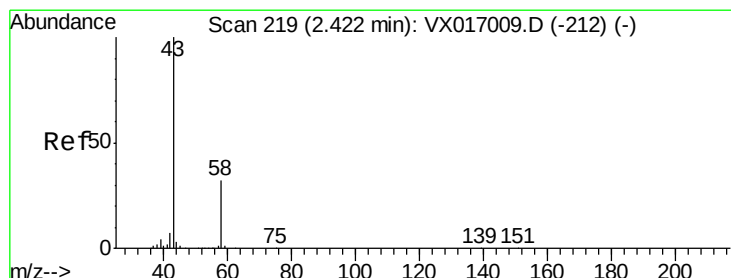
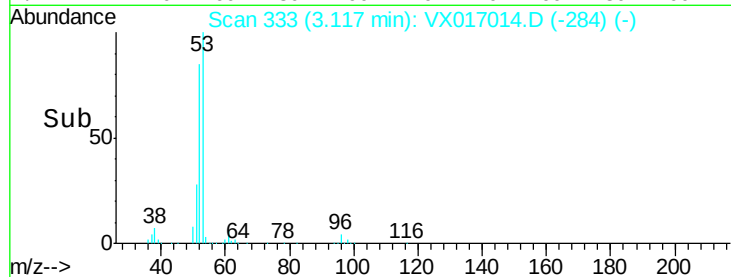
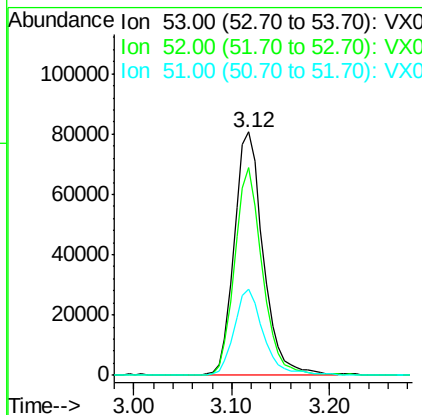
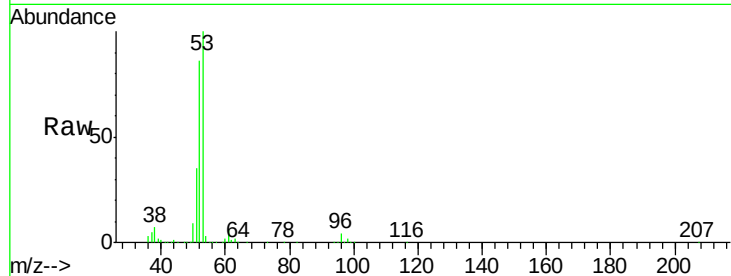
ClientSampleId :

VX0629WBS01

Tot Ion:	53	Resp:	166016
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.6	98.4
51	36.2	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 101.254 ug/l

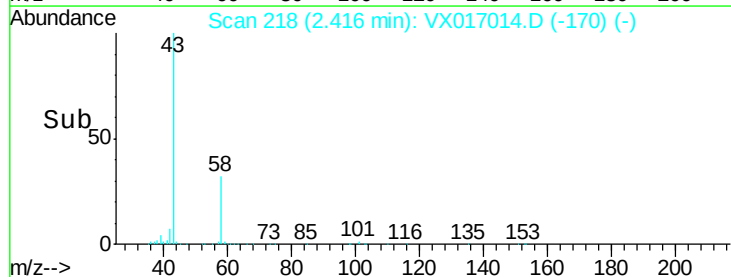
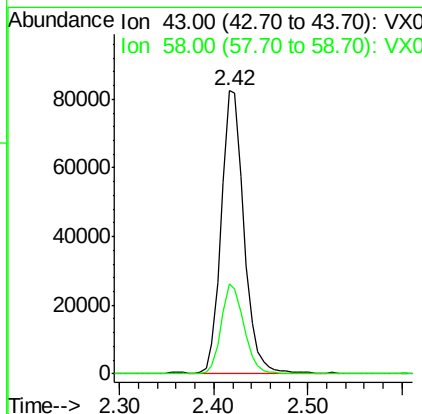
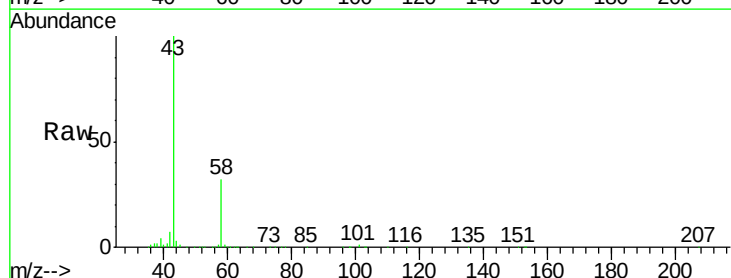
RT: 2.42 min Scan# 218

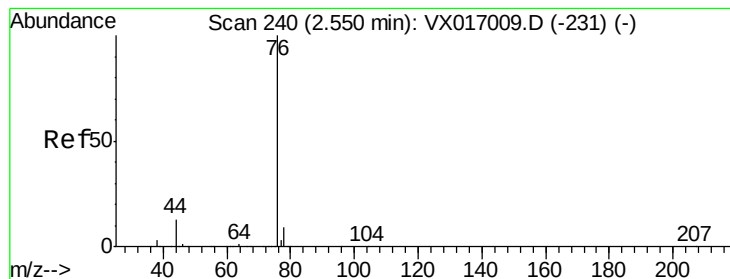
Delta R.T. -0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion:	43	Resp:	138966
Ion Ratio	Lower	Upper	
43	100		
58	31.8	25.7	38.5





#17

Carbon Disulfide

Concen: 20.928 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 76 Resp: 171839

Ion Ratio Lower Upper

76 100

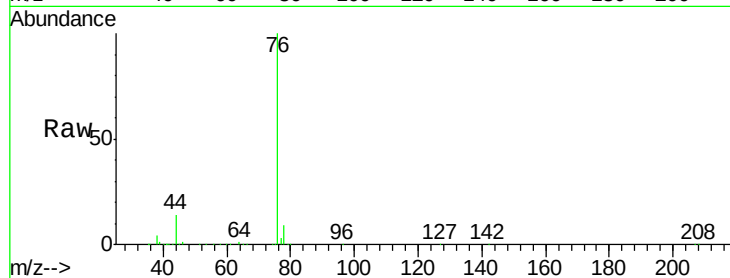
78 9.3 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

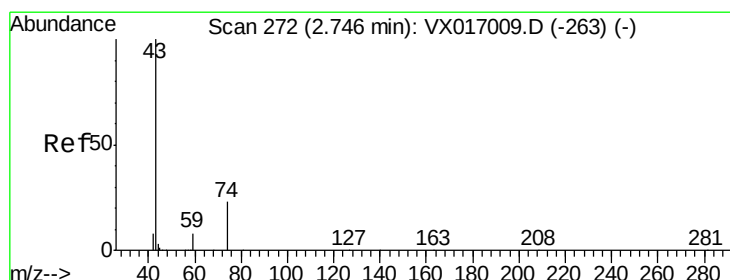
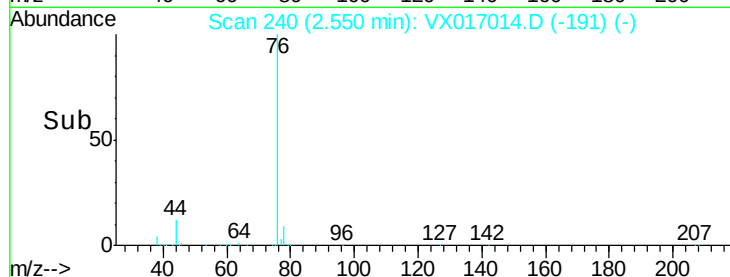
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.786 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017014.D

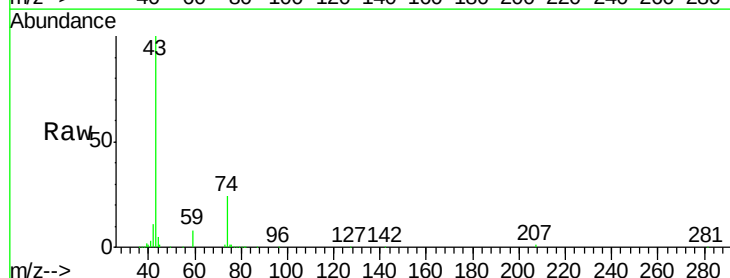
Acq: 29 Jun 2020 18:09

Tgt Ion: 43 Resp: 70888

Ion Ratio Lower Upper

43 100

74 24.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

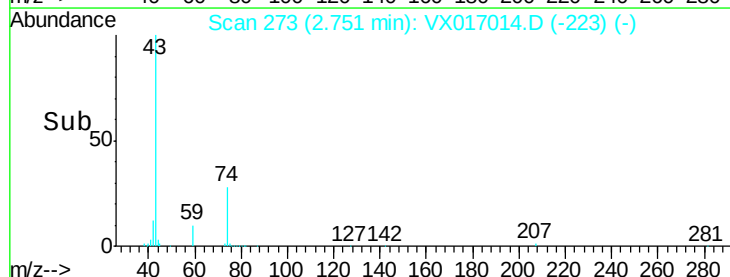
30000

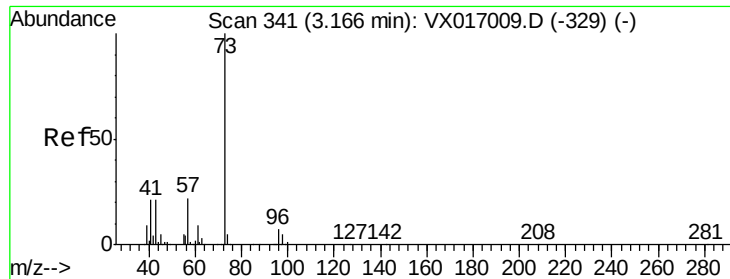
20000

10000

0

Time-->





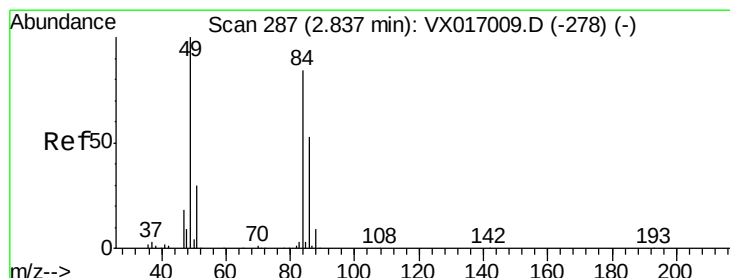
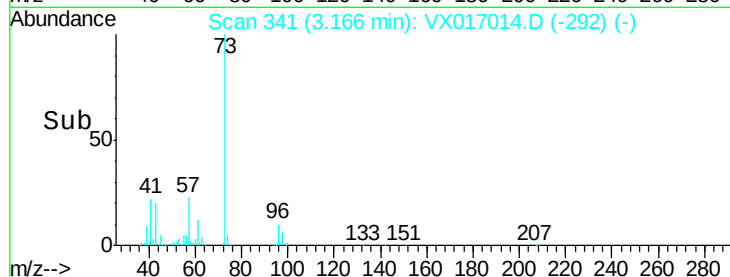
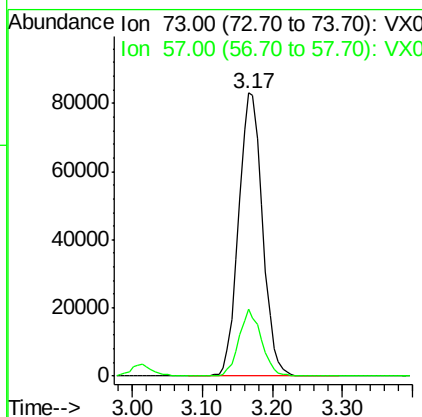
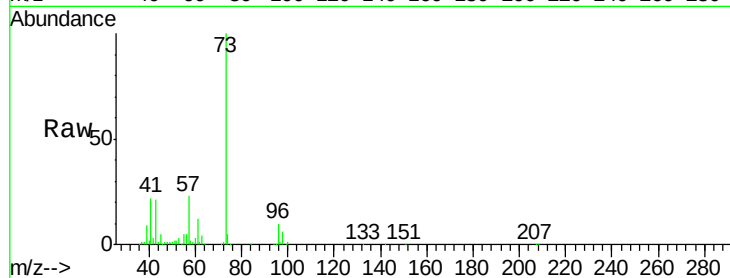
#19
Methyl tert-butyl Ether
Concen: 19.831 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.6	26.4

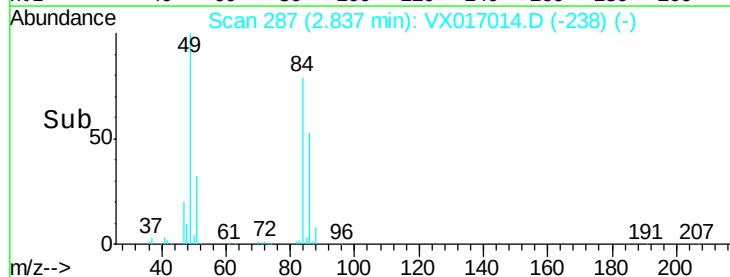
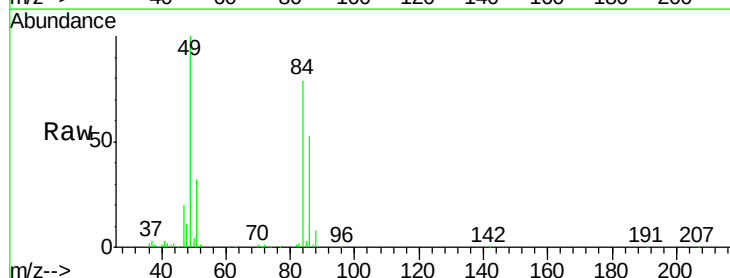
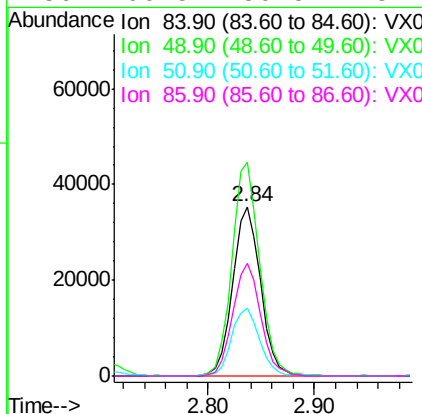
Manual Integrations
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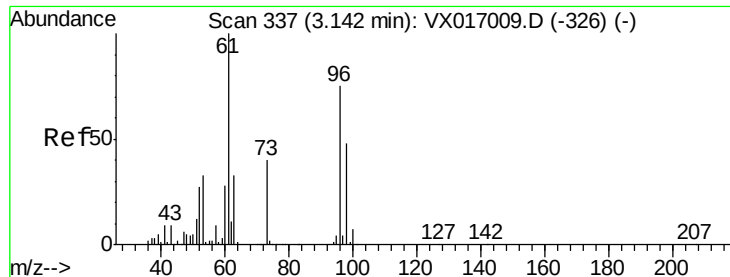
MMDadoda
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#20
Methylene Chloride
Concen: 20.186 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	94.7	142.1
51	40.1	28.6	42.8
86	66.5	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 19.305 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

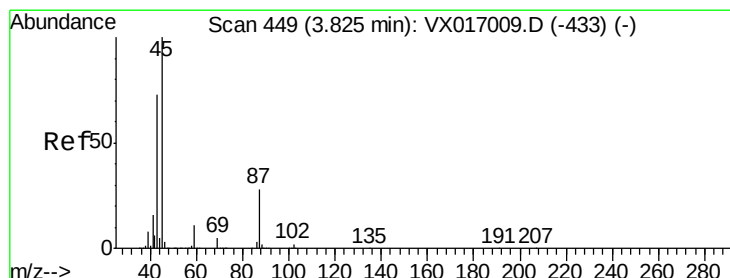
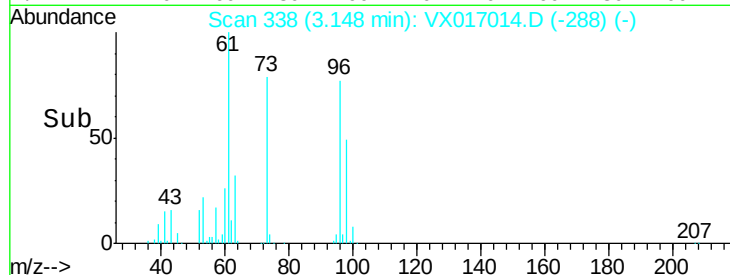
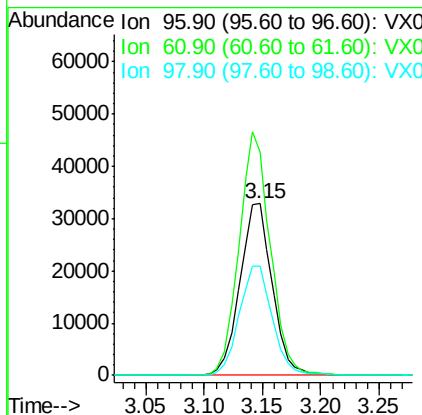
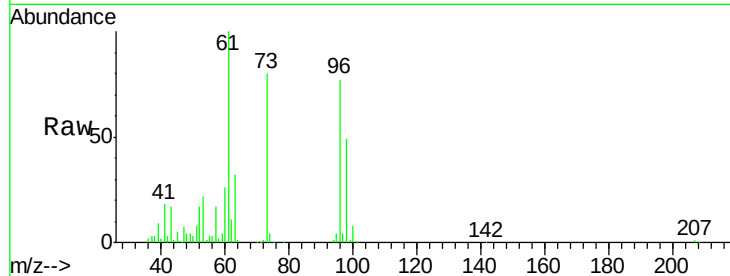
ClientSampleId :

VX0629WBS01

Tot Ion:	96	Resp:	63078
Ion	Ratio	Lower	Upper
96	100		
61	130.5	107.0	160.6
98	63.9	51.6	77.4

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#22

Diisopropyl ether

Concen: 20.622 ug/l

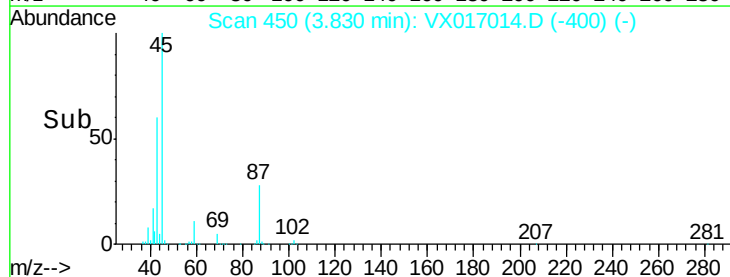
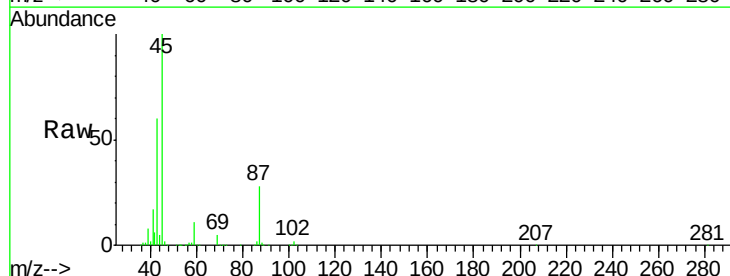
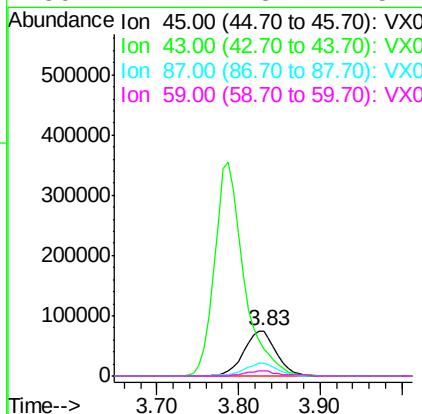
RT: 3.83 min Scan# 450

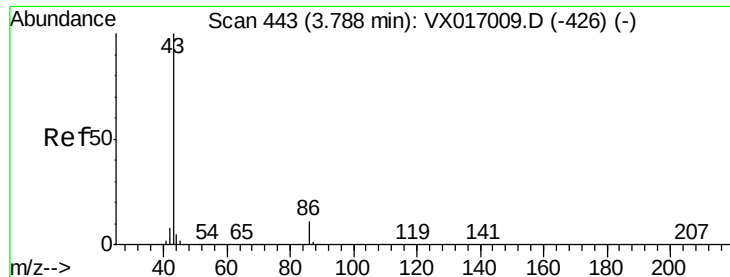
Delta R.T. 0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion:	45	Resp:	207681
Ion	Ratio	Lower	Upper
45	100		
43	58.9	58.6	88.0
87	28.0	22.6	34.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 103.572 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 43 Resp: 896319

Ion Ratio Lower Upper

43 100

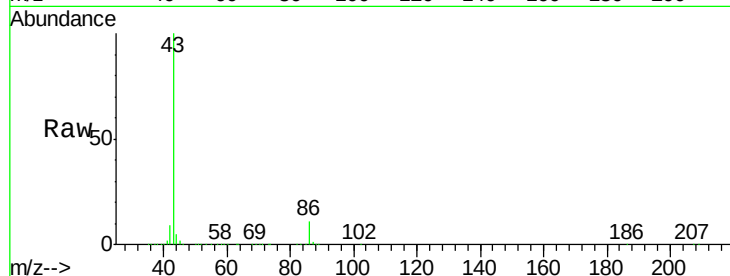
86 11.2 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

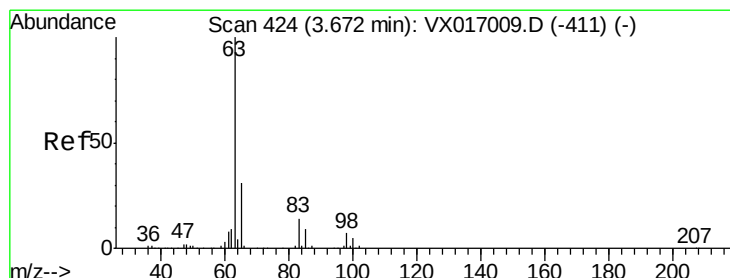
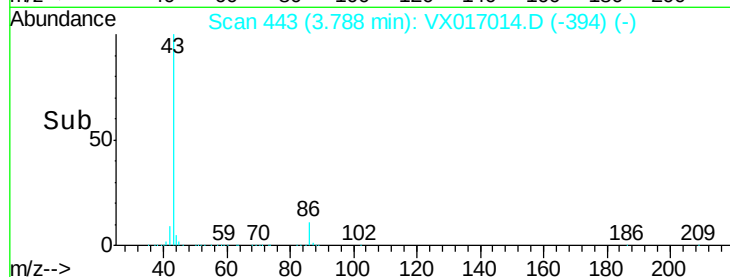
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.951 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

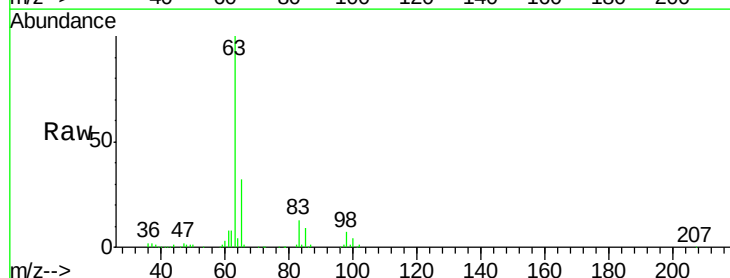
Tgt Ion: 63 Resp: 114326

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

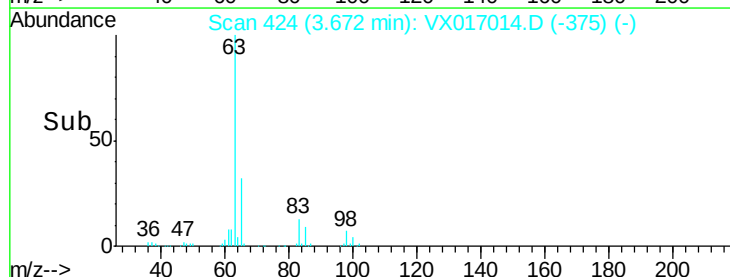
30000

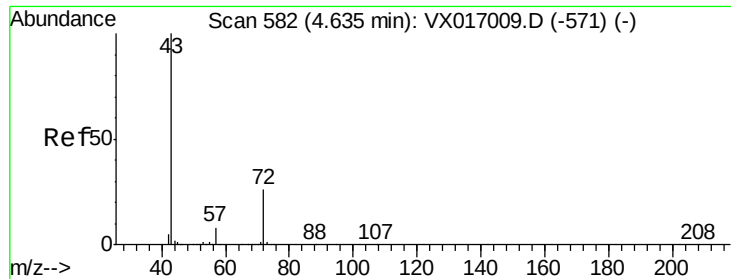
20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.720 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 43 Resp: 232620

Ion Ratio Lower Upper

43 100

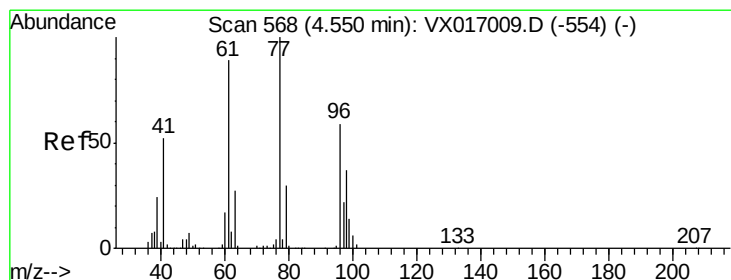
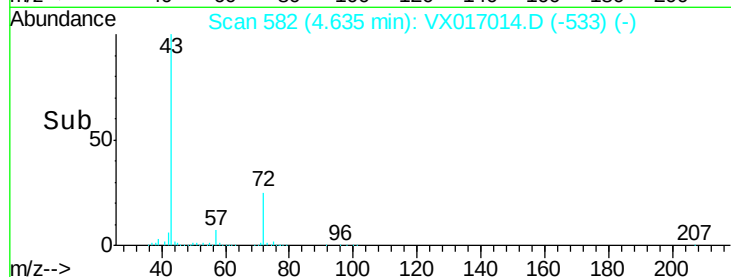
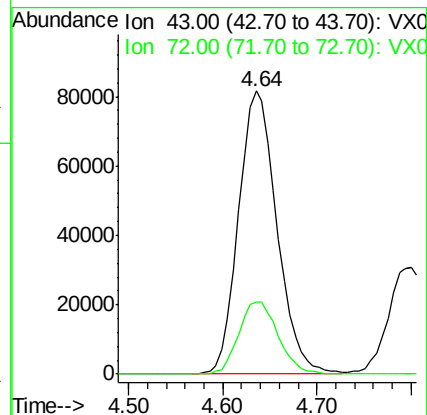
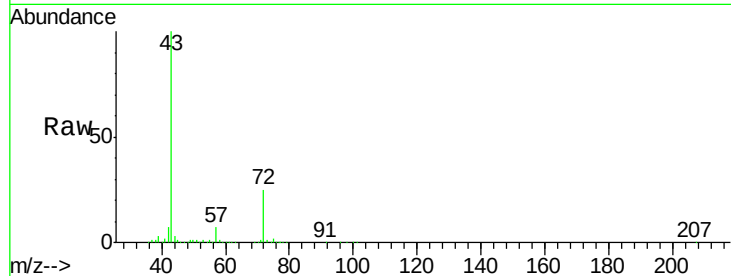
72 25.1 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.368 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017014.D

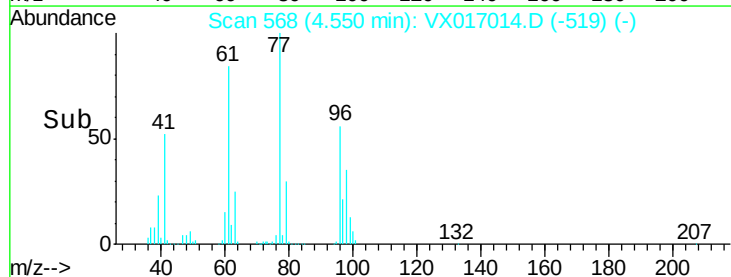
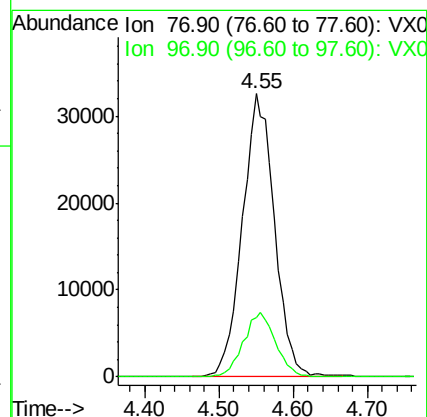
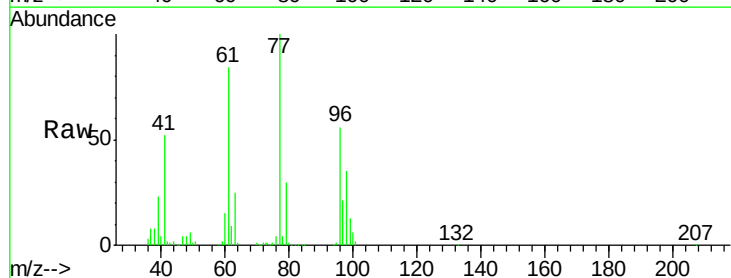
Acq: 29 Jun 2020 18:09

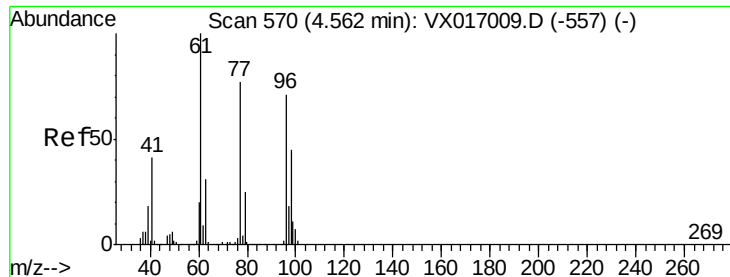
Tgt Ion: 77 Resp: 98542

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2





#27

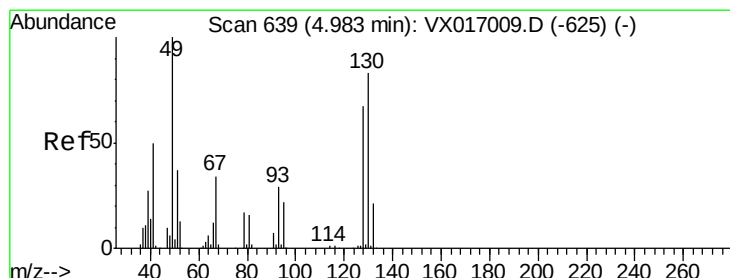
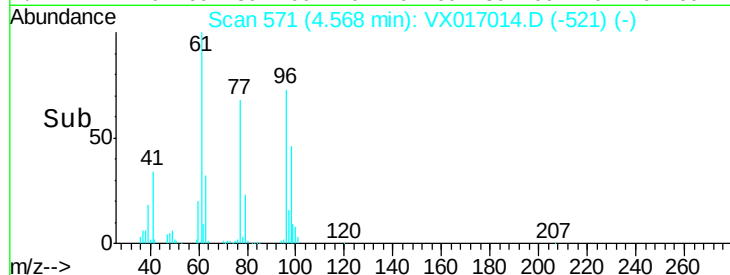
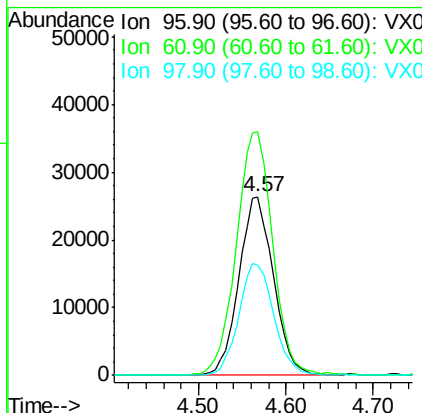
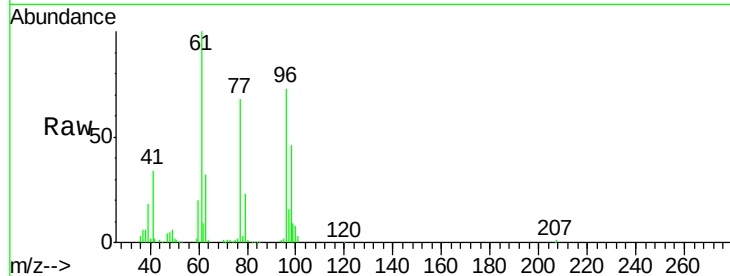
cis-1,2-Dichloroethene
Concen: 19.606 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	72585		
61	143.4	0.0	282.8	
98	63.4	0.0	127.6	

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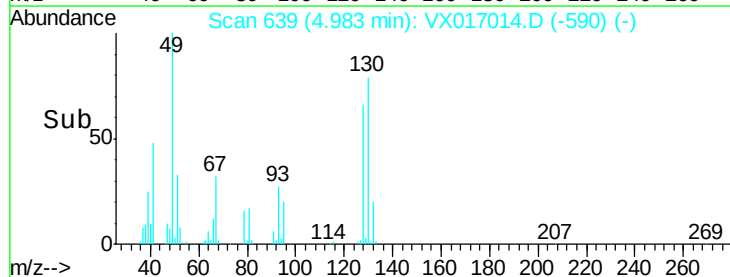
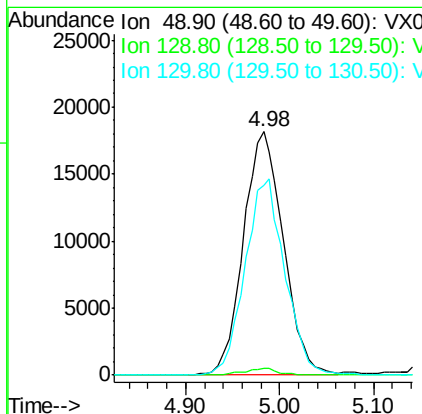
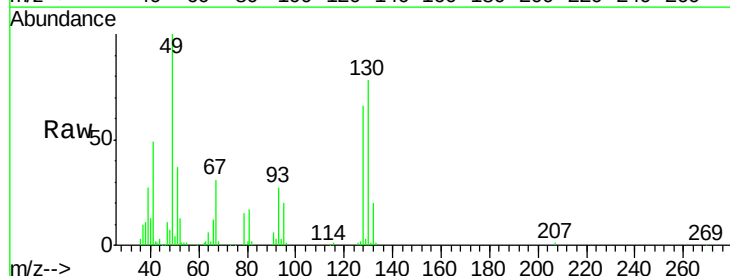
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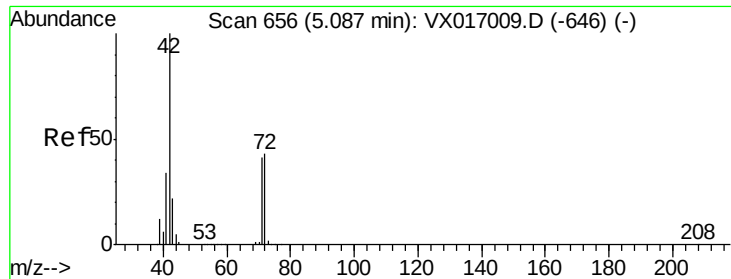


#28

Bromochloromethane
Concen: 19.337 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	53920		
129	2.6	0.0	4.2	
130	80.3	66.6	100.0	





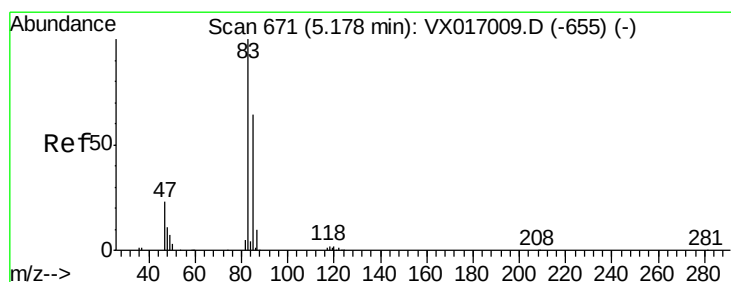
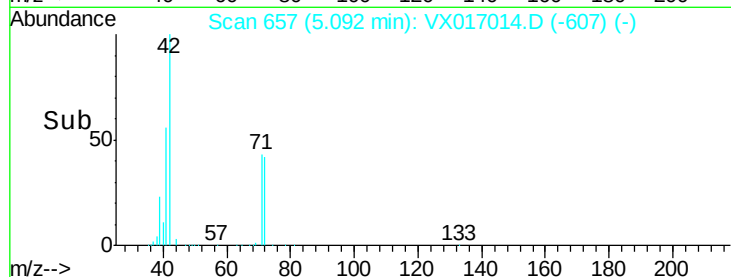
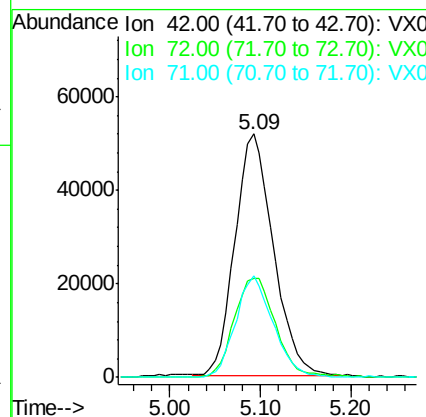
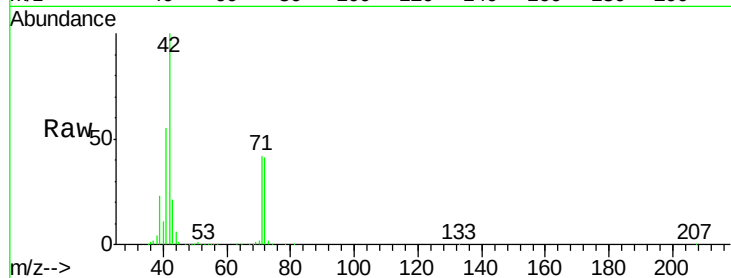
#29
Tetrahydrofuran
Concen: 100.917 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.3	52.9
71	41.3	33.1	49.7

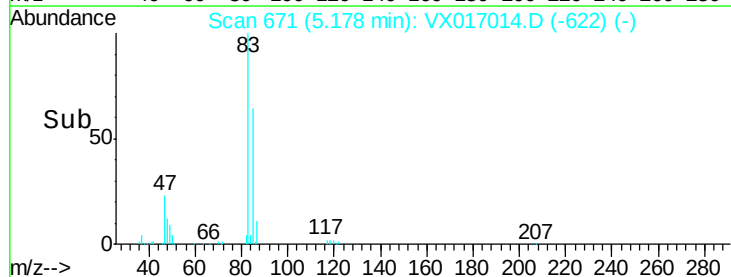
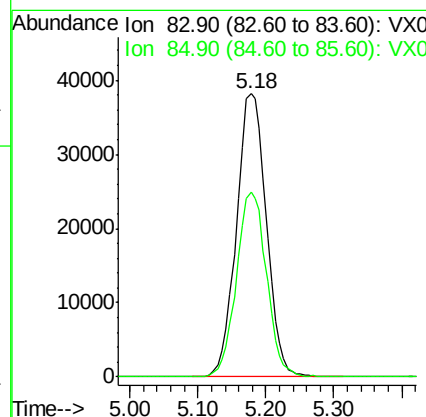
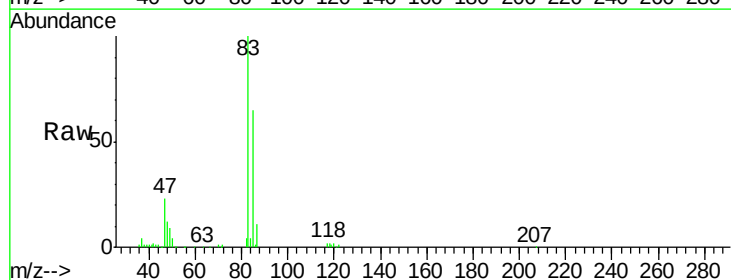
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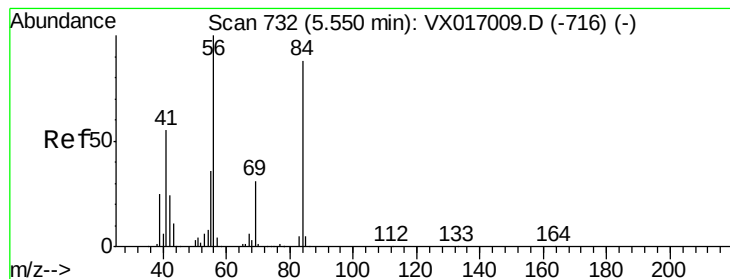
MMDadoda
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#30
Chloroform
Concen: 19.846 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.4	77.2





#31

Cyclohexane

Concen: 19.953 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 56 Resp: 98832

Ion Ratio Lower Upper

56 100

69 28.6 25.0 37.4

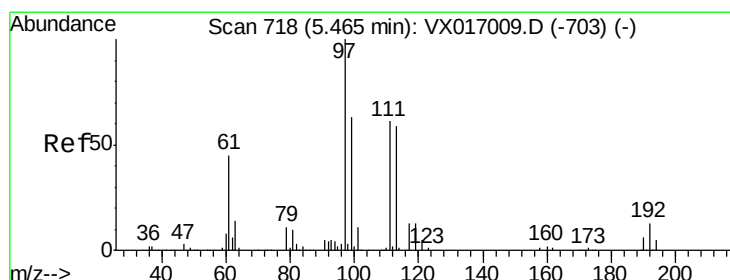
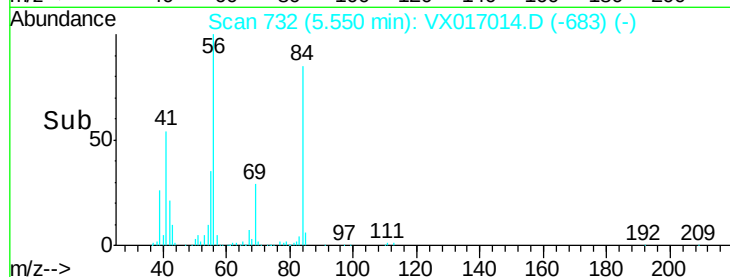
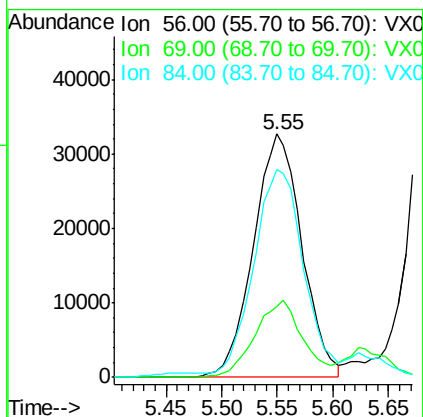
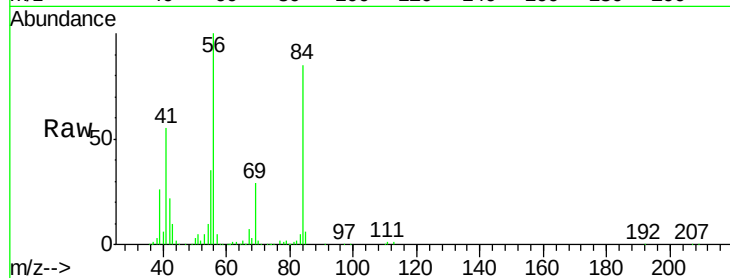
84 83.6 69.1 103.7

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#32

1,1,1-Trichloroethane

Concen: 19.546 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

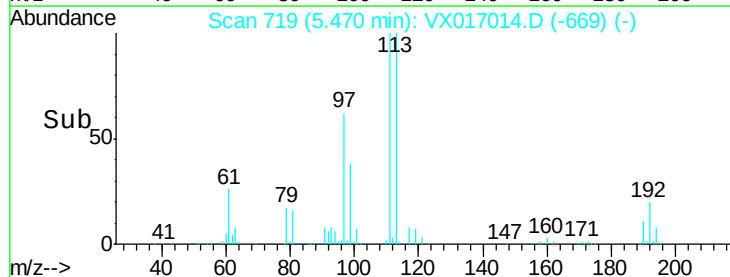
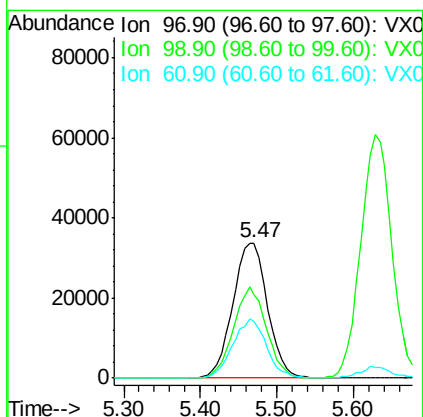
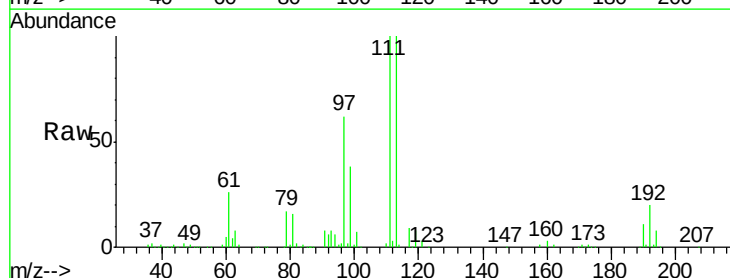
Tgt Ion: 97 Resp: 105739

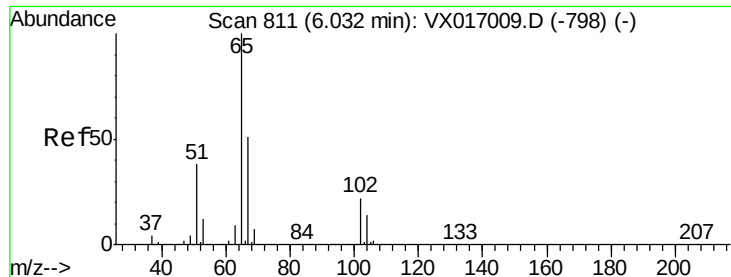
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 42.6 33.7 50.5





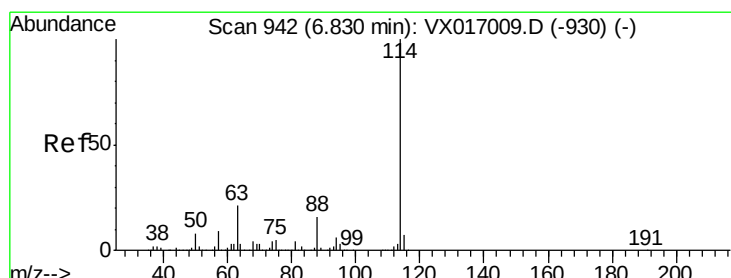
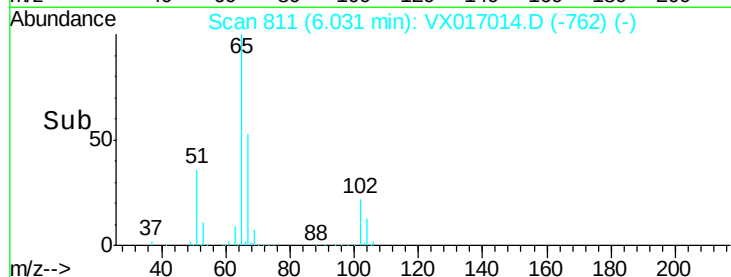
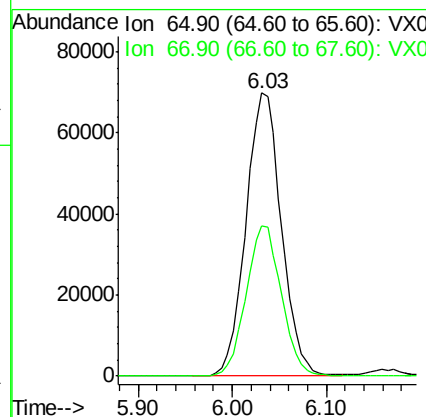
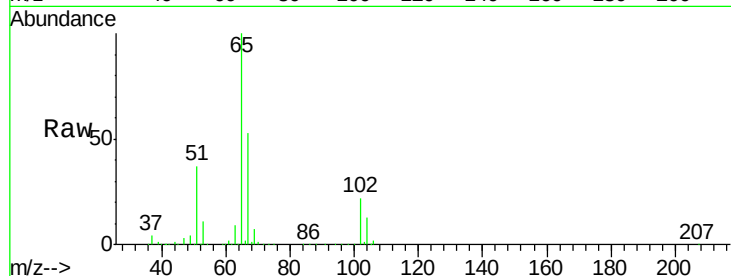
#33
 1,2-Dichloroethane-d4
 Concen: 50.276 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.8

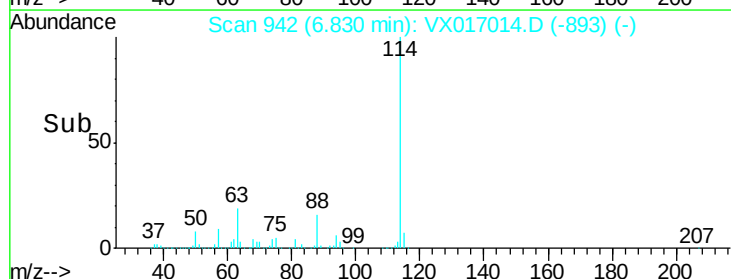
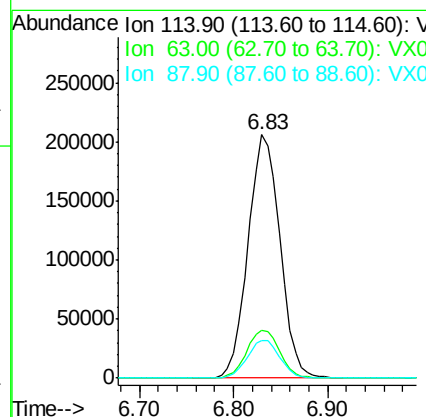
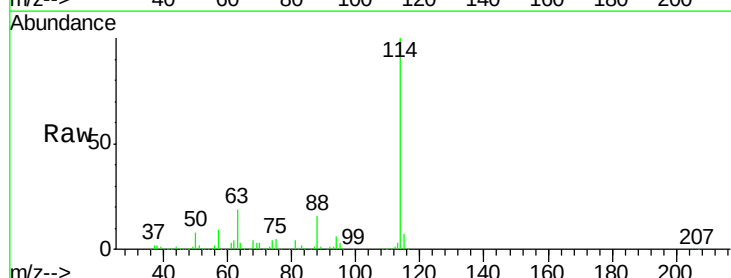
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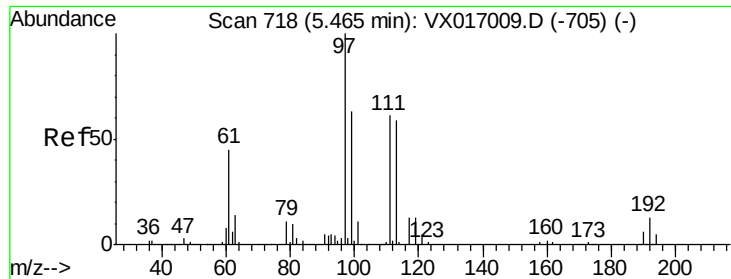
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.4
88	15.6	0.0	32.4





#35

Dibromofluoromethane

Concen: 49.502 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

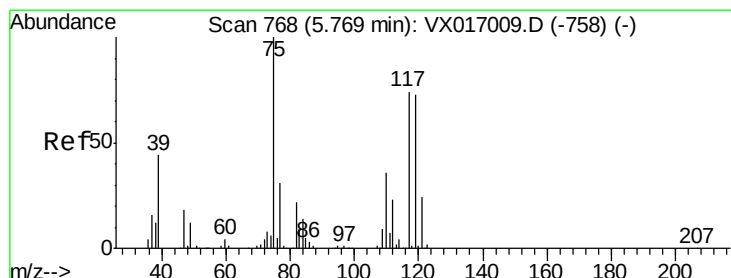
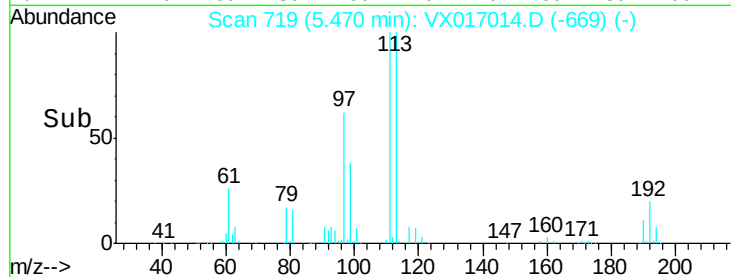
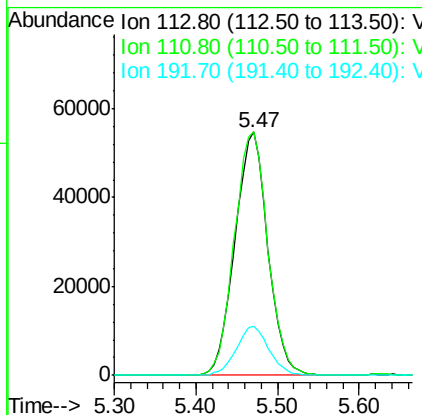
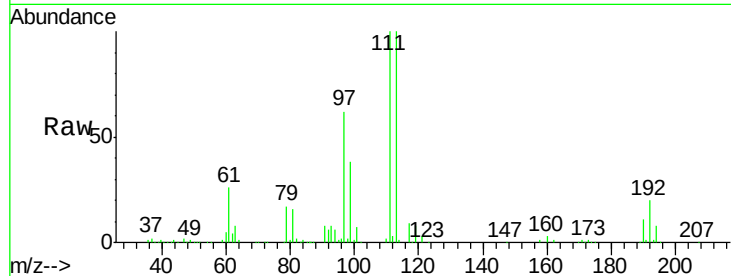
ClientSampleId :

VX0629WBS01

Tot Ion:	113	Resp:	152535
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.9	122.9
192	20.2	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 18.340 ug/l

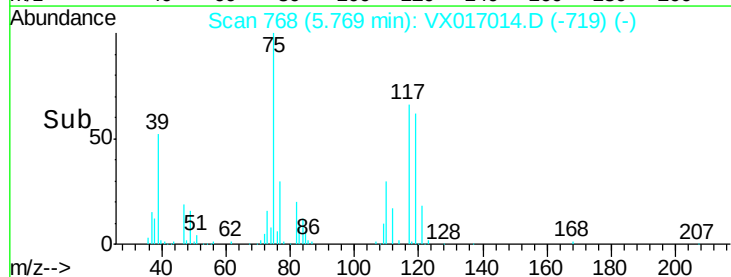
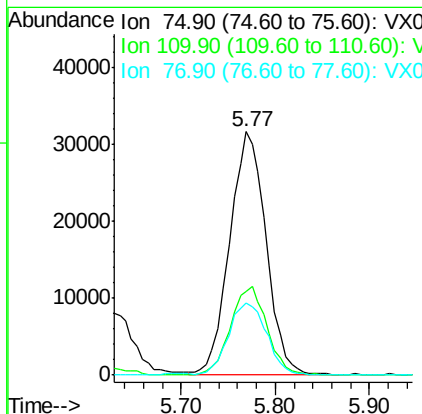
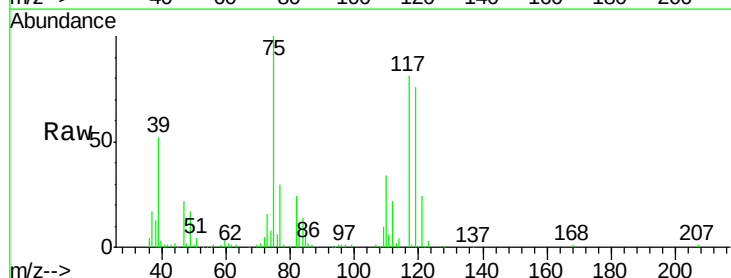
RT: 5.77 min Scan# 768

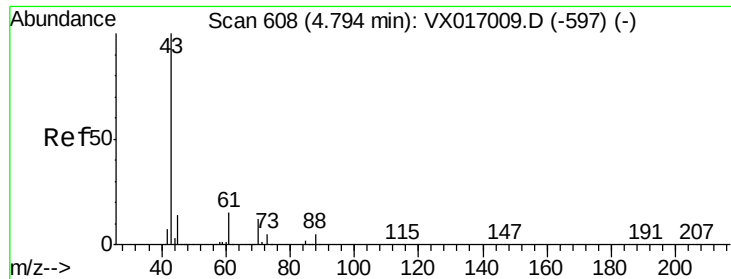
Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion:	75	Resp:	84438
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	31.6	24.6	37.0





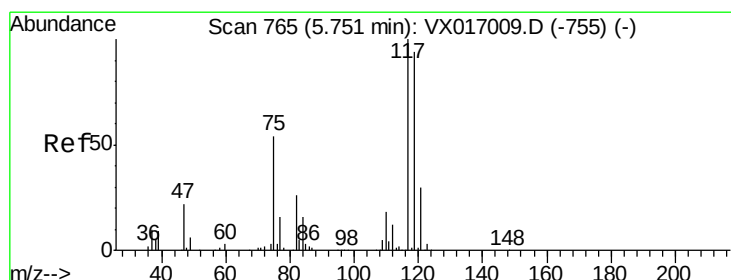
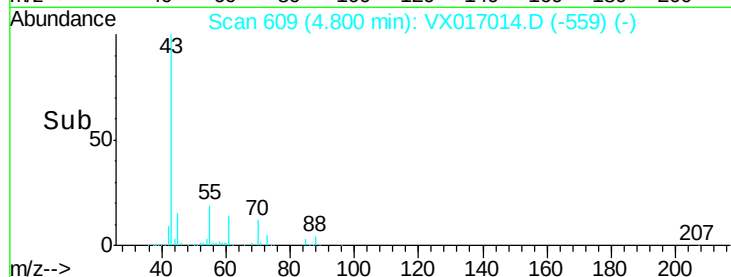
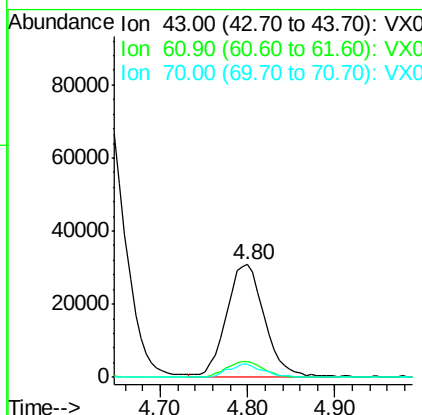
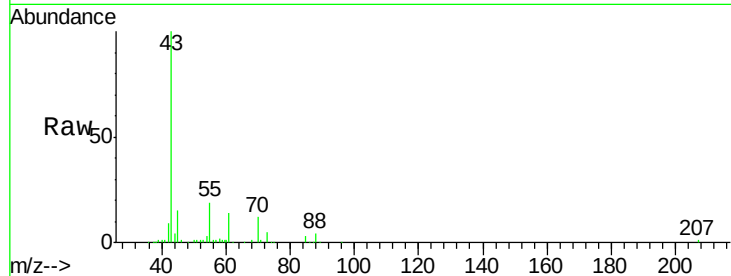
#37
Ethyl Acetate
Concen: 19.807 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.4
70	11.3	8.9	13.3

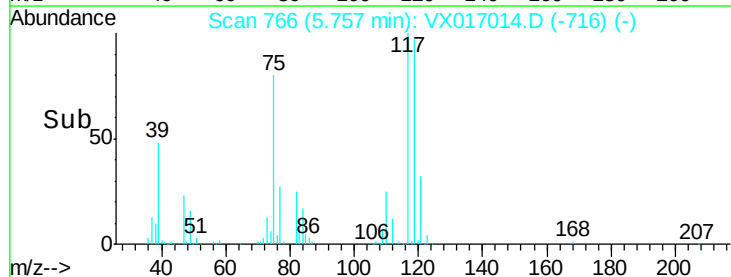
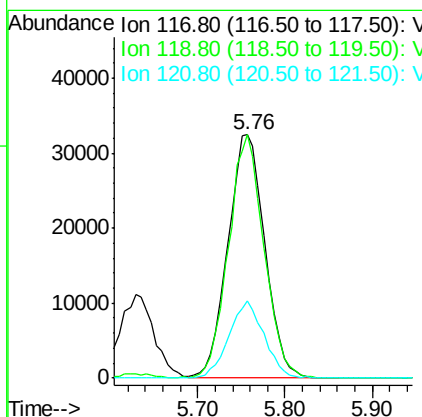
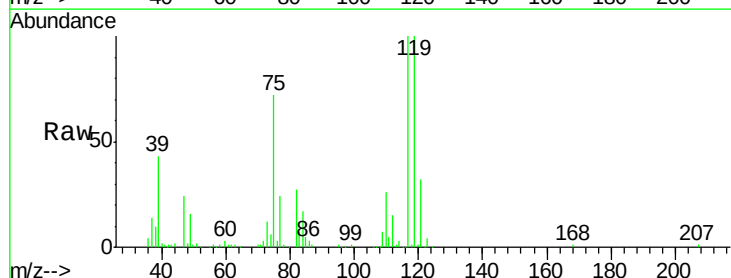
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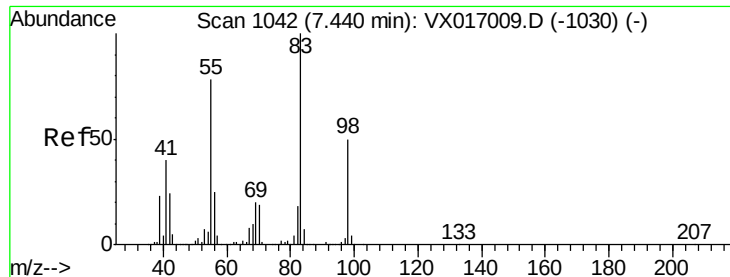
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.808 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.4	113.0
121	31.8	23.8	35.6





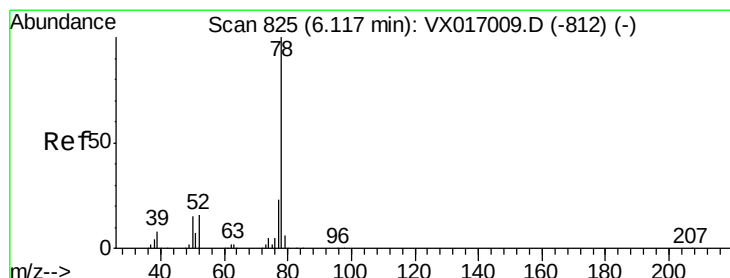
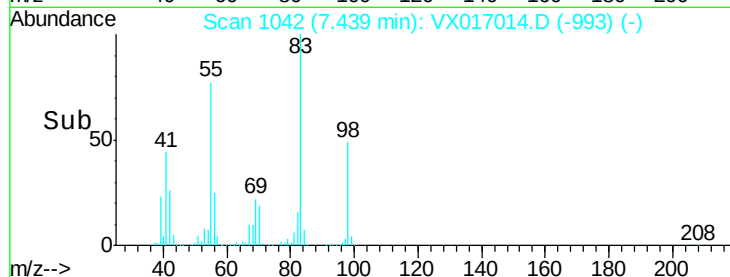
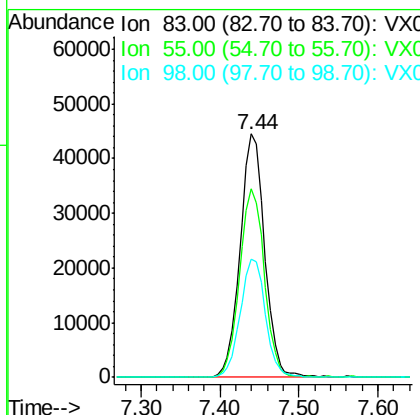
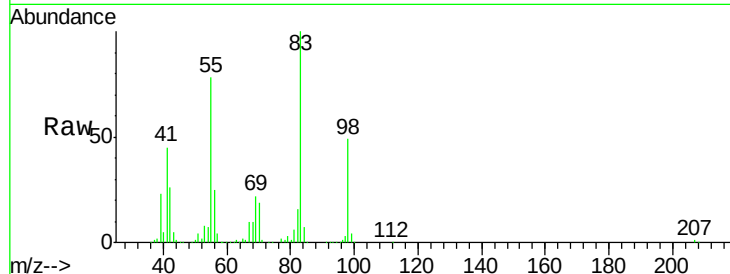
#39
Methylvlcyclohexane
Concen: 18.823 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	62.5	93.7
98	48.6	40.1	60.1

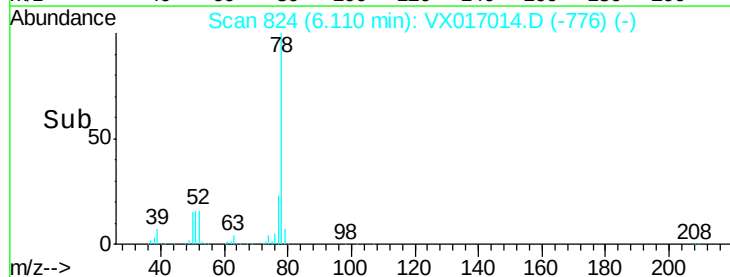
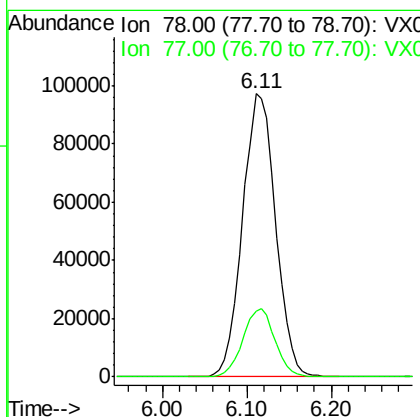
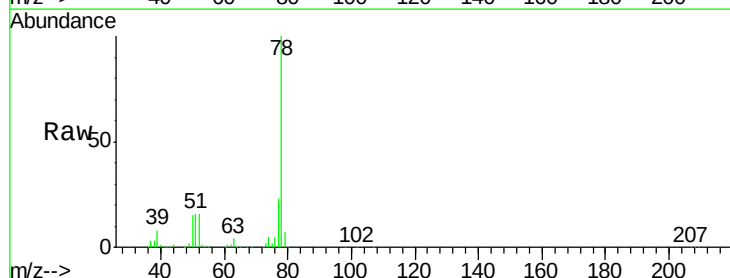
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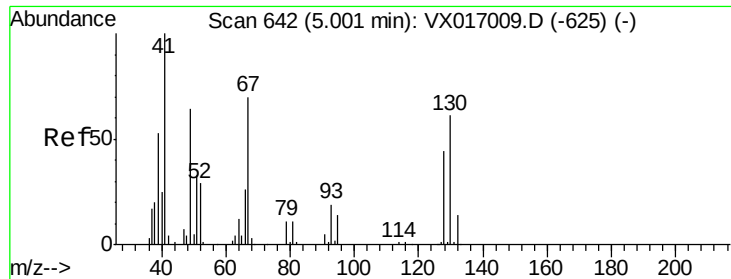
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#40
Benzene
Concen: 19.073 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.3	27.5





#41

Methacrylonitrile

Concen: 18.829 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 41 Resp: 49503

Ion Ratio Lower Upper

41 100

39 55.6 44.4 66.6

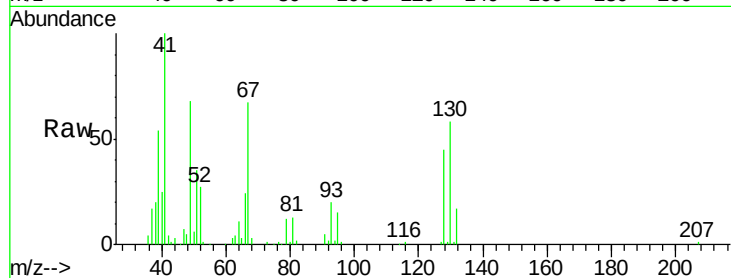
67 72.6 57.1 85.7

52 30.9 23.2 34.8

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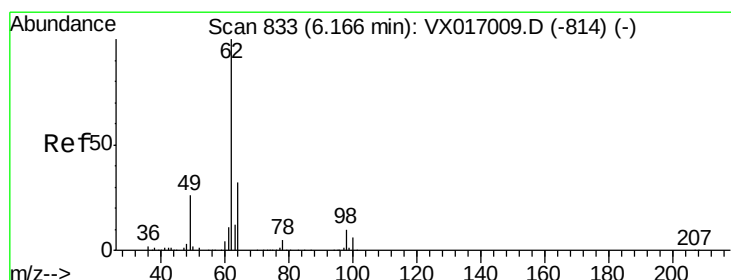
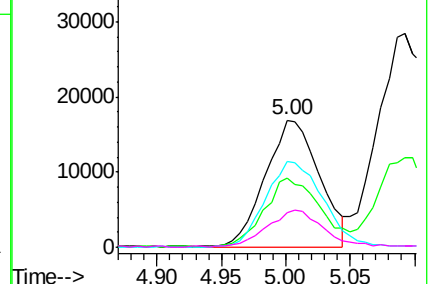
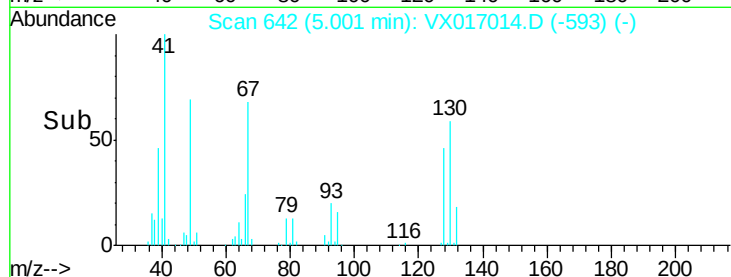


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.054 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017014.D

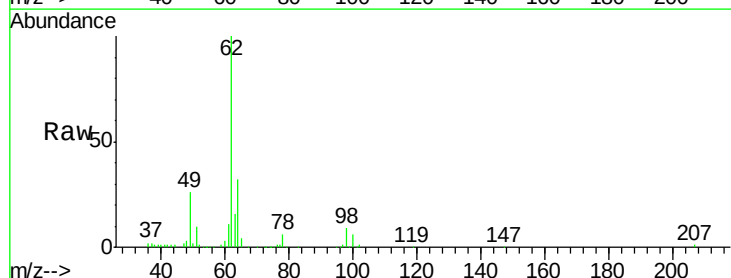
Acq: 29 Jun 2020 18:09

Tgt Ion: 62 Resp: 93098

Ion Ratio Lower Upper

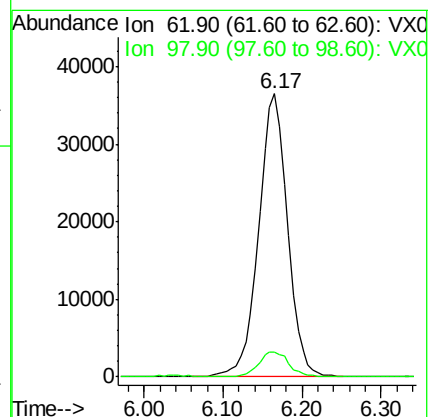
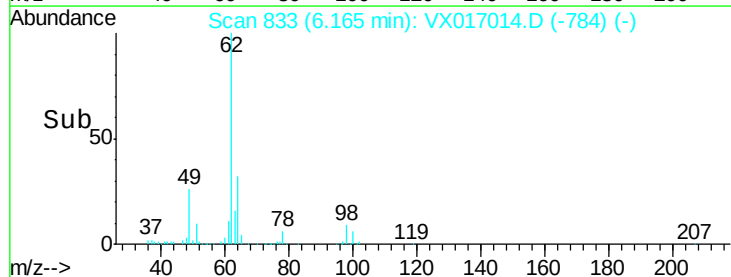
62 100

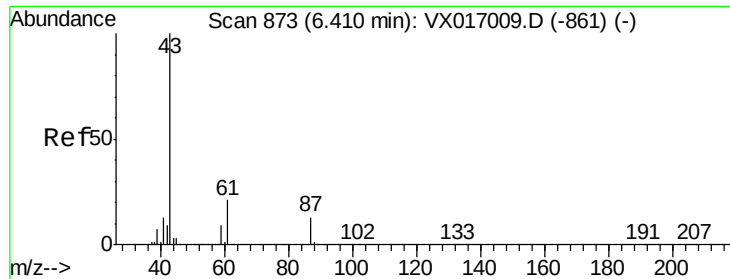
98 9.3 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.125 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

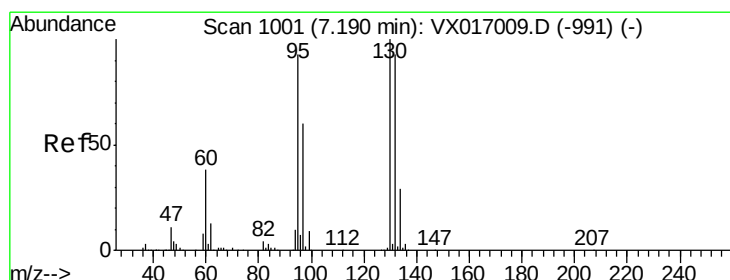
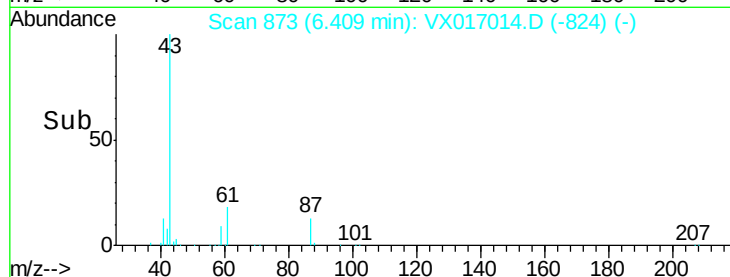
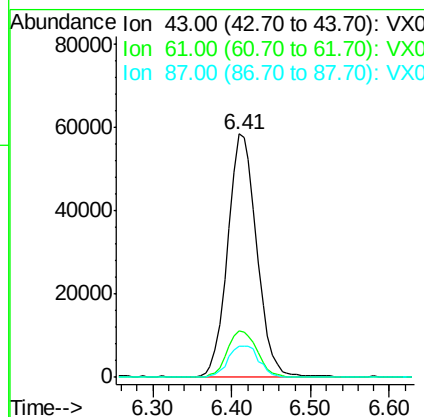
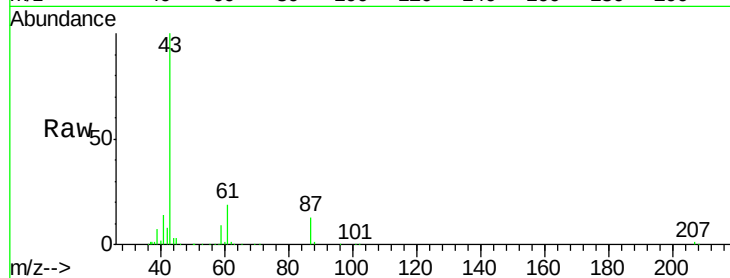
ClientSampleId :

VX0629WBS01

Tot Ion:	43	Resp:	148452
Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.2
87	13.9	10.7	16.1

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#44

Trichloroethene

Concen: 19.575 ug/l

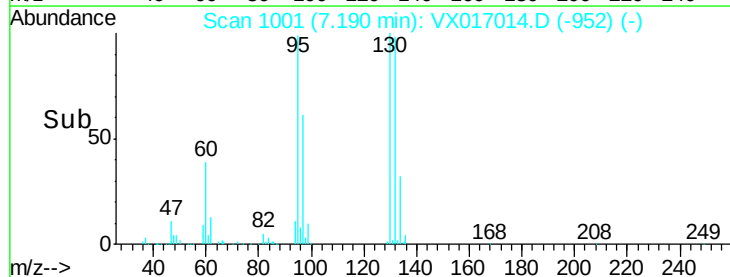
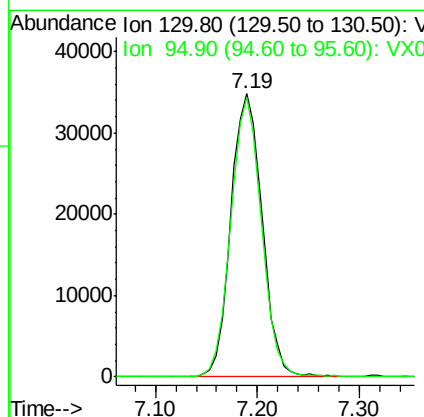
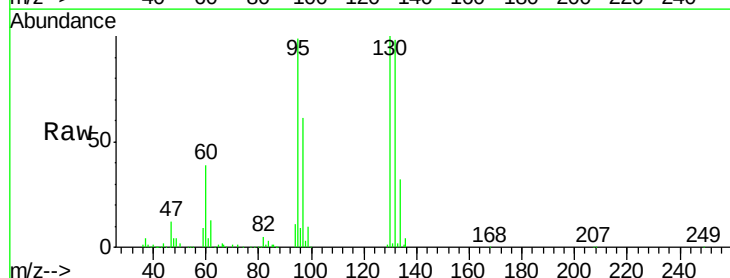
RT: 7.19 min Scan# 1001

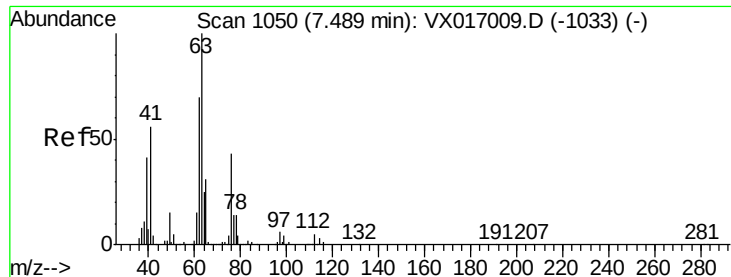
Delta R.T. 0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion:	130	Resp:	73774
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	185.0





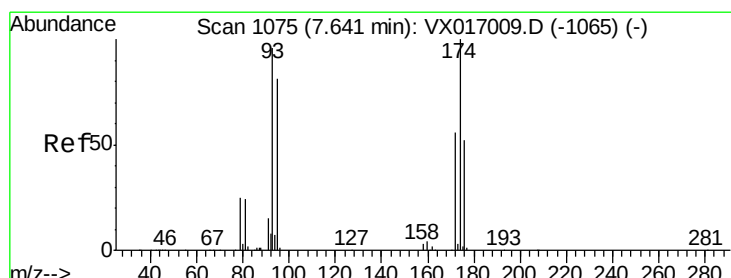
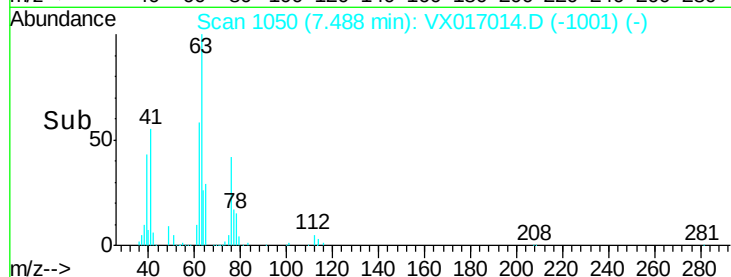
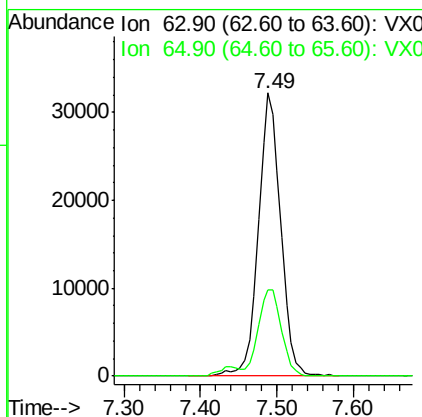
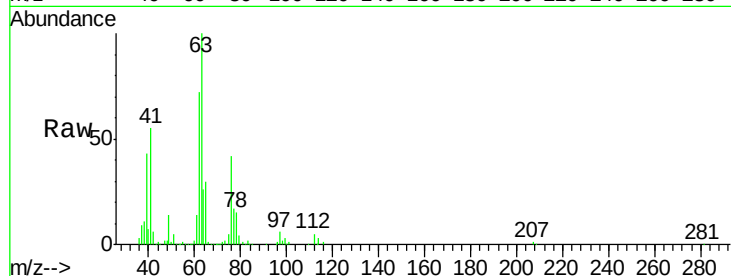
#45
 1,2-Dichloropropane
 Concen: 18.920 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.6	36.8

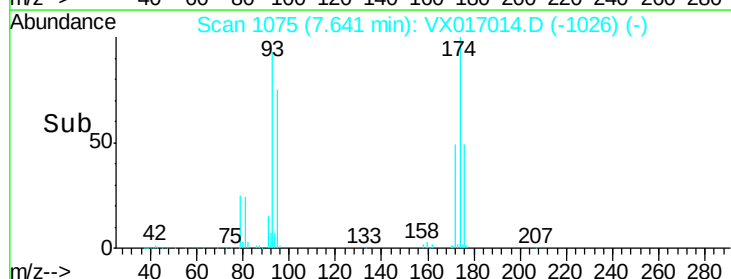
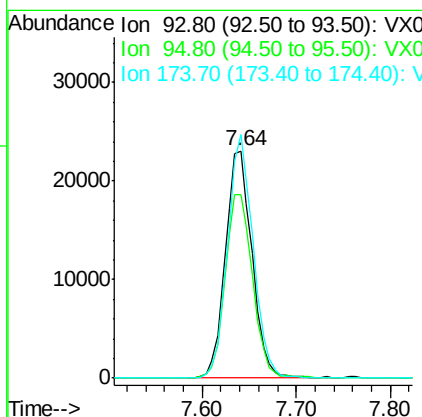
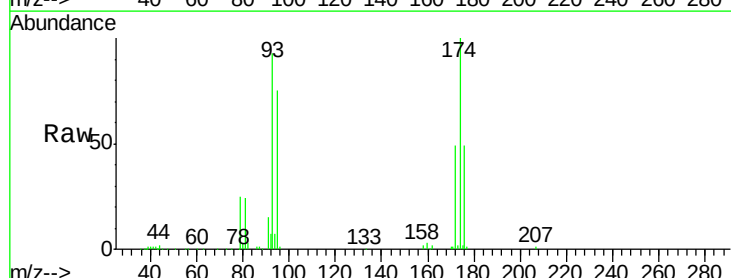
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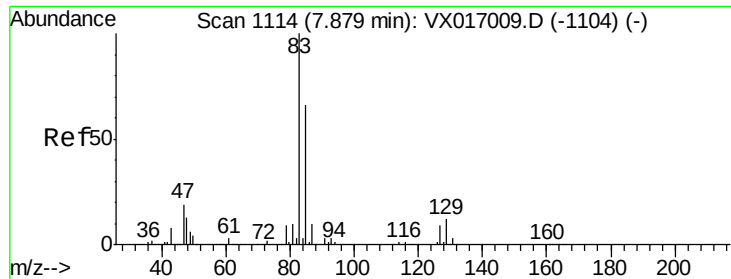
MMDadoda
 6/30/2020 10:12:11 AM



#46
 Dibromomethane
 Concen: 19.045 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.4	101.0
174	102.6	84.3	126.5





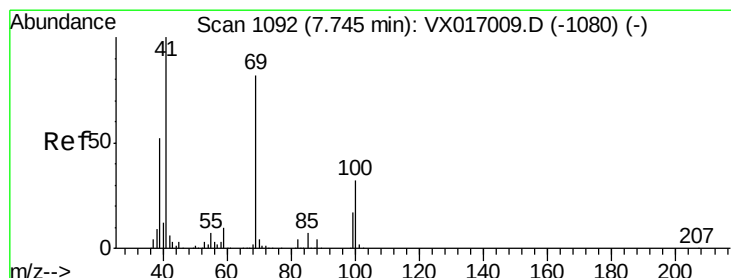
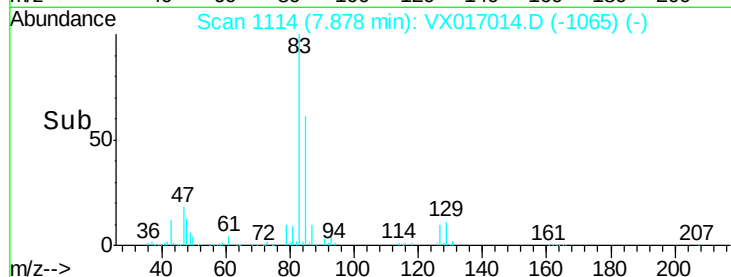
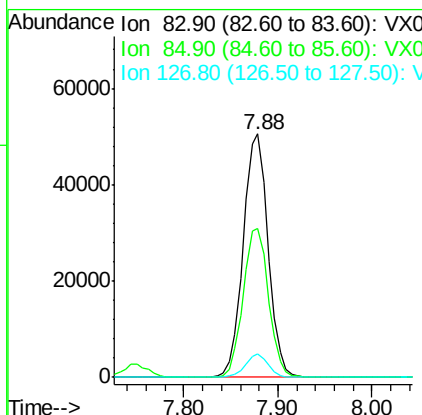
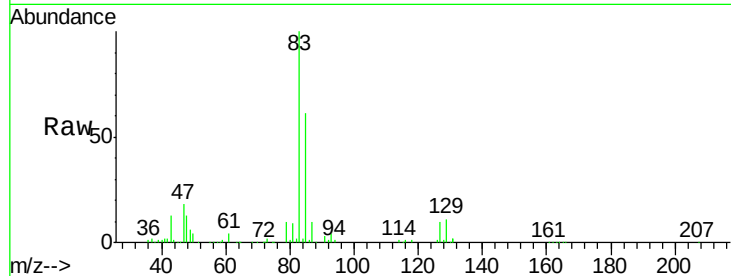
#47
Bromodichloromethane
Concen: 19.108 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	83	Resp	93404
Ion Ratio	100	Lower	Upper
85	61.2	53.0	79.4
127	9.6	7.5	11.3

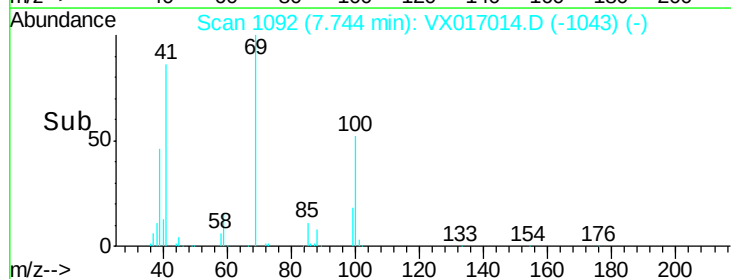
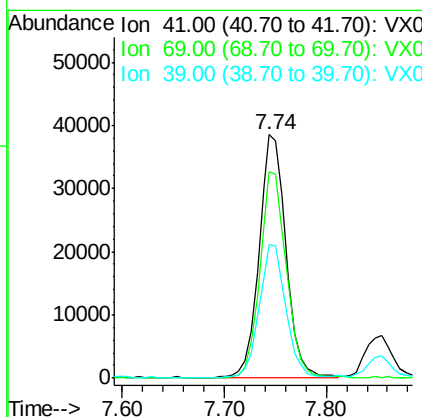
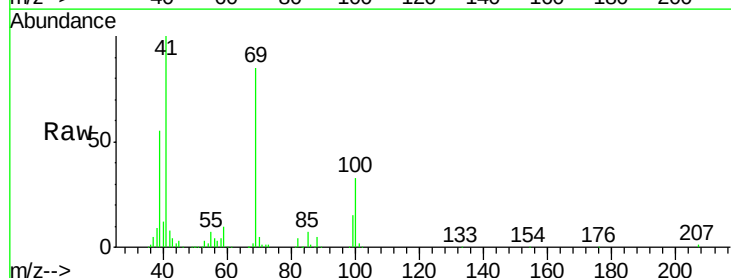
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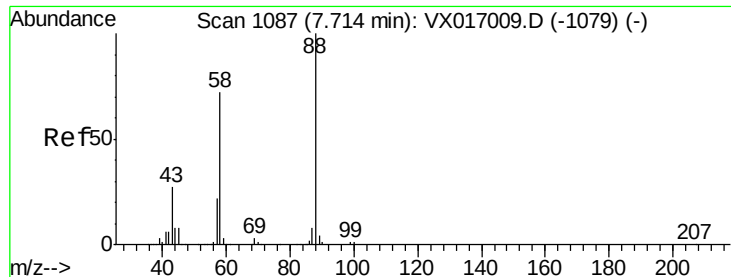
MMDadoda
6/30/2020 10:12:11 AM



#48
Methyl methacrylate
Concen: 19.207 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	41	Resp	70830
Ion Ratio	100	Lower	Upper
69	83.7	65.8	98.8
39	54.7	42.5	63.7





#49

1,4-Dioxane

Concen: 385.491 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

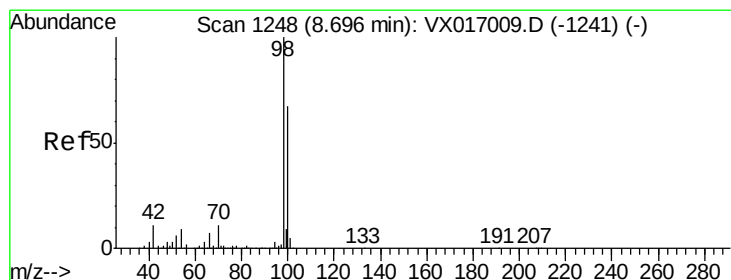
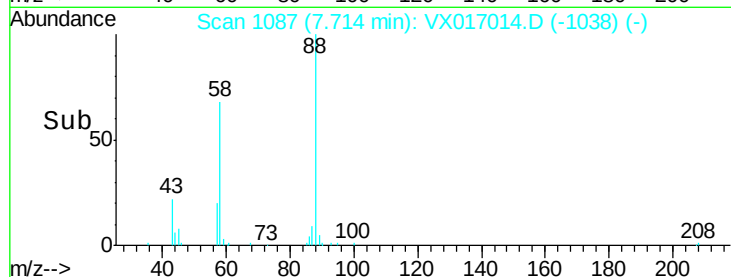
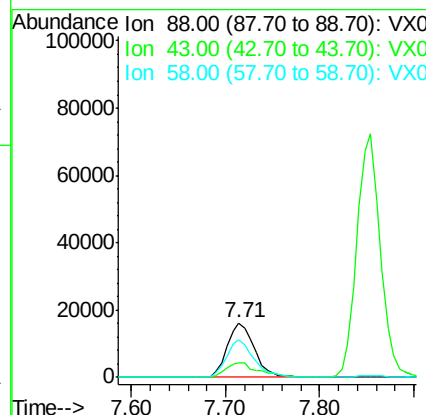
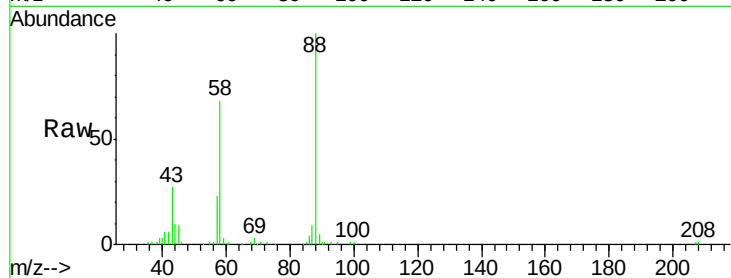
ClientSampleId :

VX0629WBS01

Tot Ion:	88	Resp:	32206
Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	70.0	54.8	82.2

Manual Integrations
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#50

Toluene-d8

Concen: 49.675 ug/l

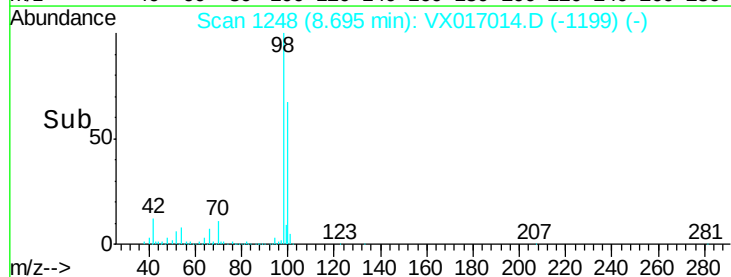
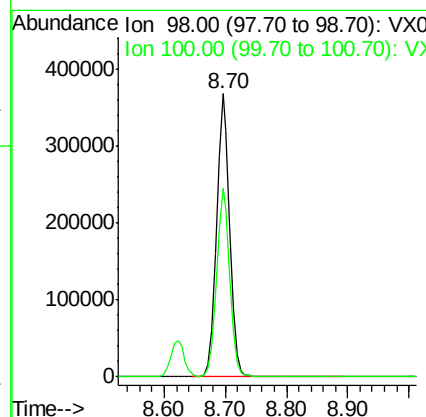
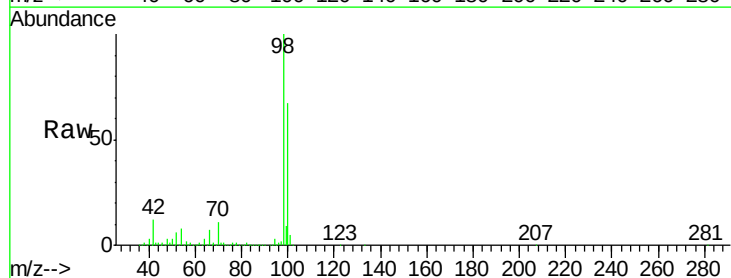
RT: 8.70 min Scan# 1248

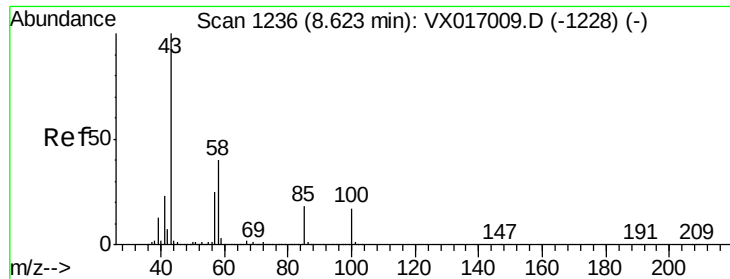
Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion:	98	Resp:	566013
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6





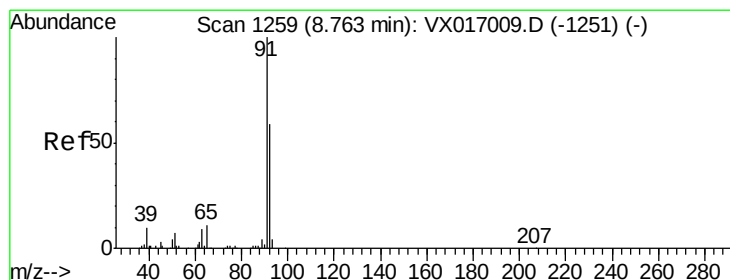
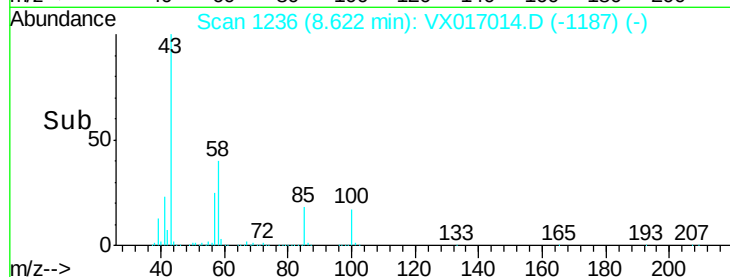
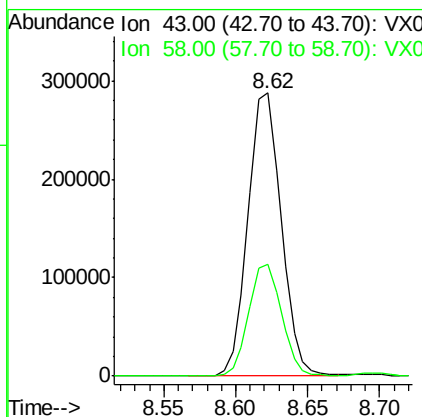
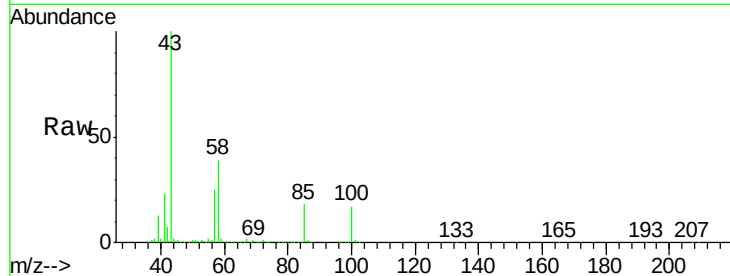
#51
4-Methyl-2-Pentanone
Concen: 99.146 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.9	47.9

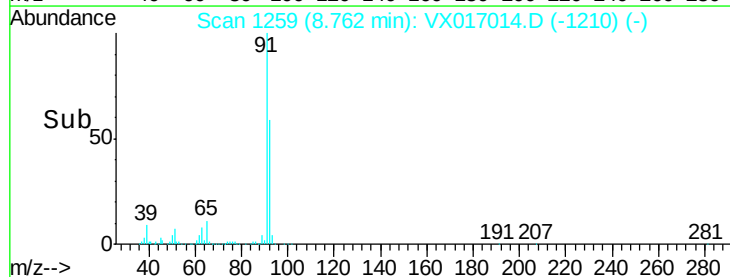
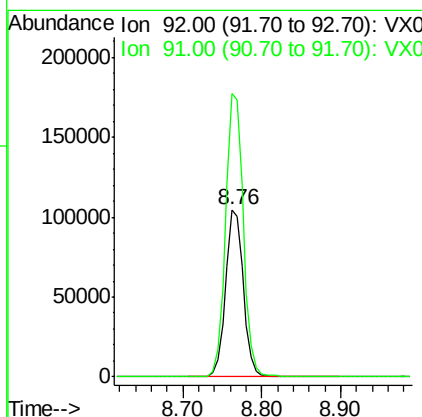
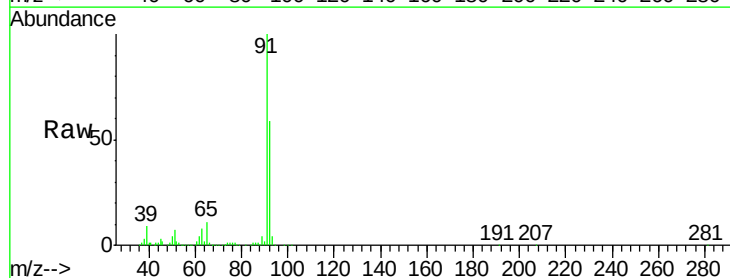
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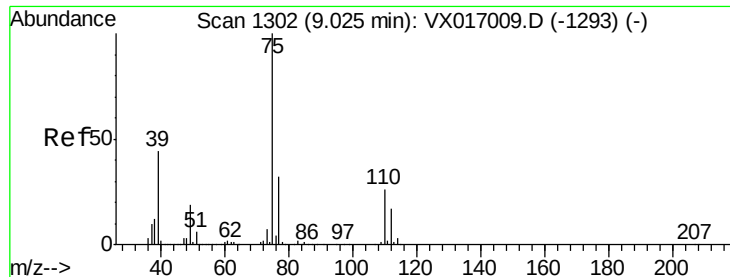
MMDadoda
6/30/2020 10:12:11 AM



#52
Toluene
Concen: 19.193 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 18.791 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 75 Resp: 101349

Ion Ratio Lower Upper

75 100

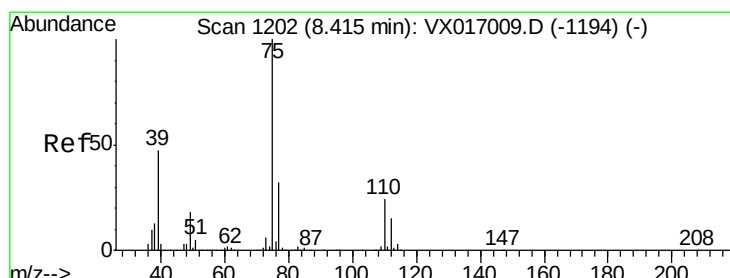
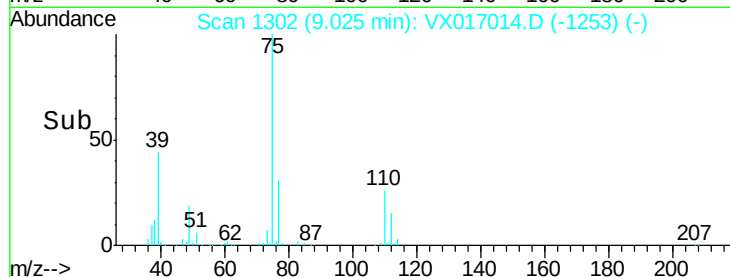
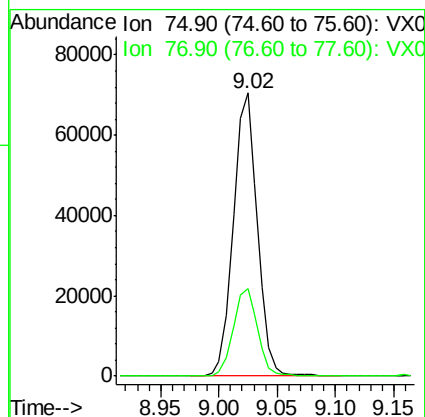
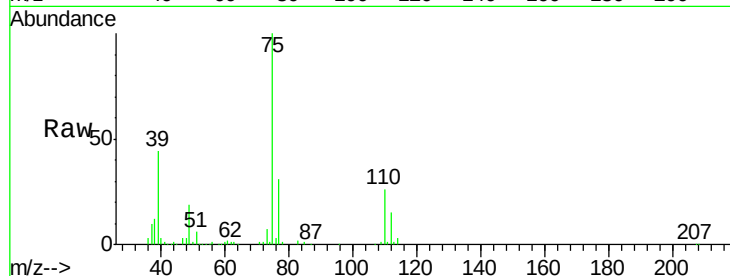
77 30.7 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 18.999 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

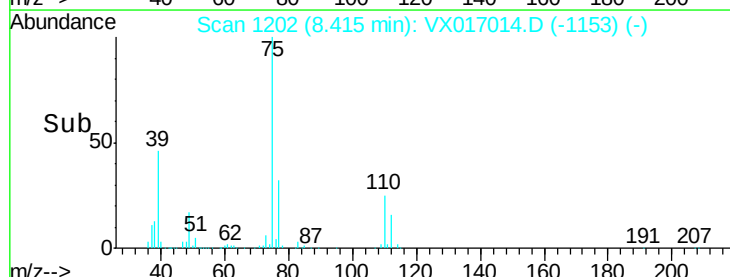
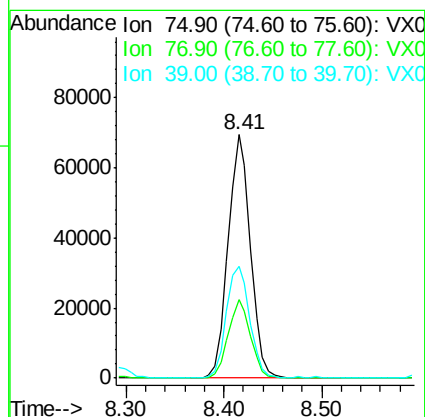
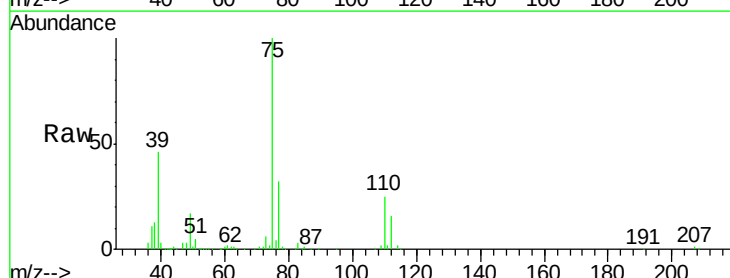
Tgt Ion: 75 Resp: 109844

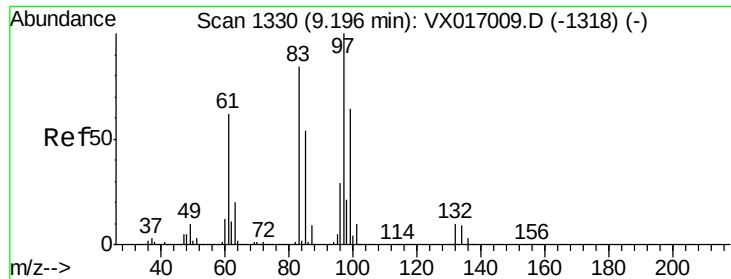
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 45.9 37.4 56.2





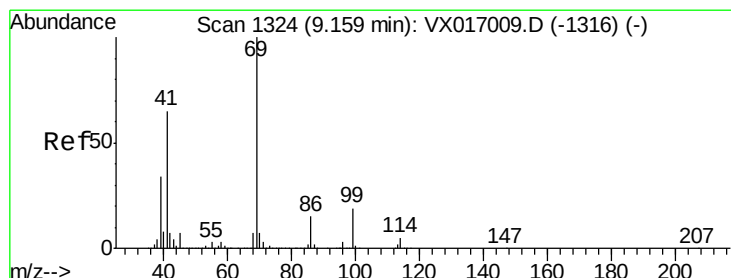
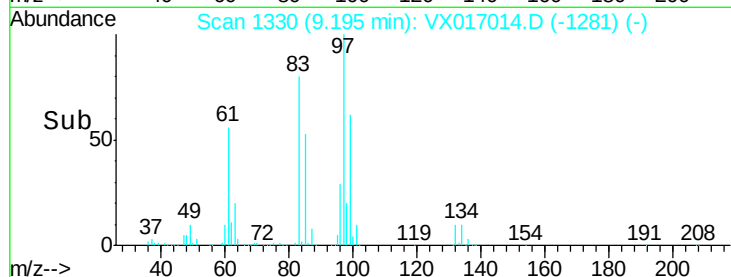
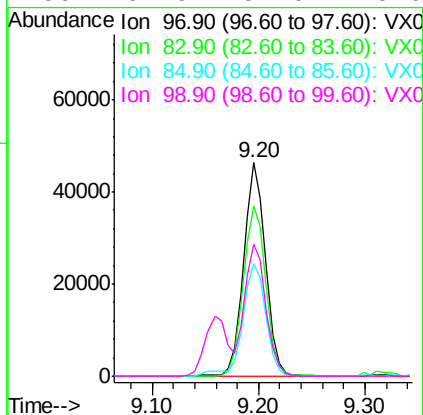
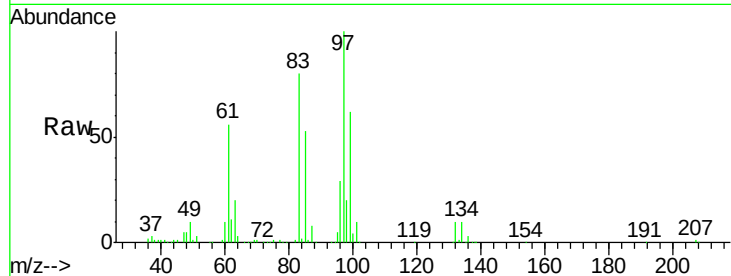
#55
 1,1,2-Trichloroethane
 Concen: 19.376 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion:	97	Resp:	66860
Ion	Ratio	Lower	Upper
97	100		
83	79.8	67.0	100.6
85	53.0	43.5	65.3
99	61.9	51.0	76.6

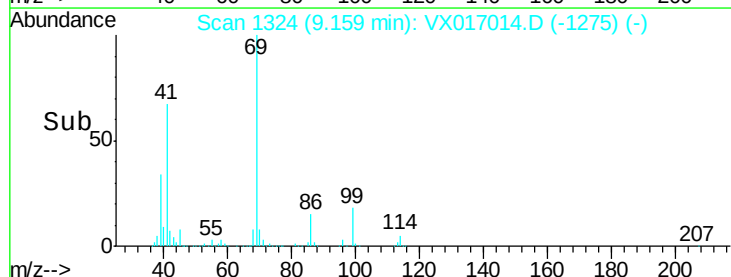
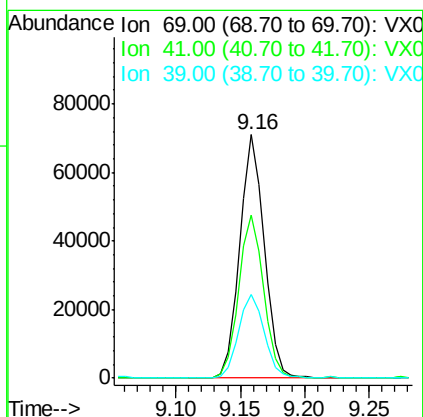
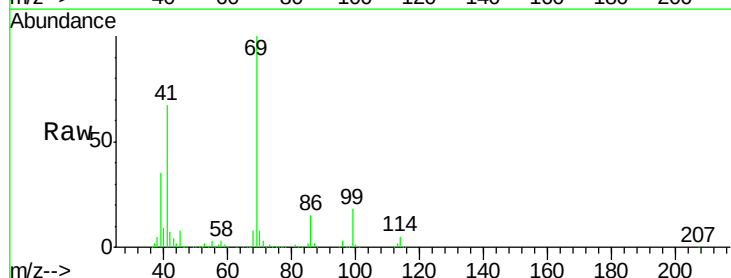
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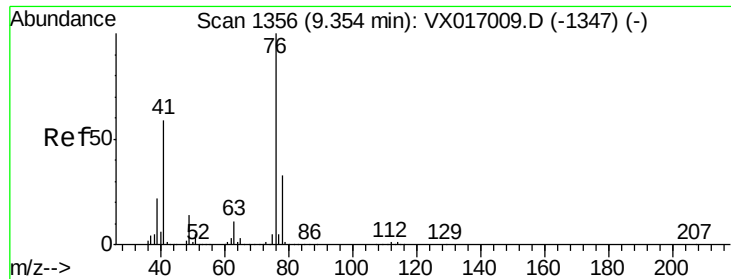
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#56
 Ethyl methacrylate
 Concen: 19.127 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion:	69	Resp:	93938
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.6	80.4
39	35.7	28.2	42.2





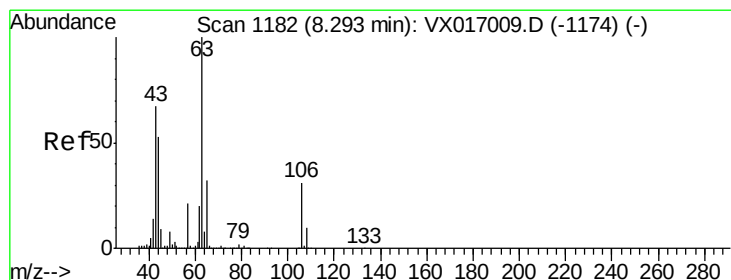
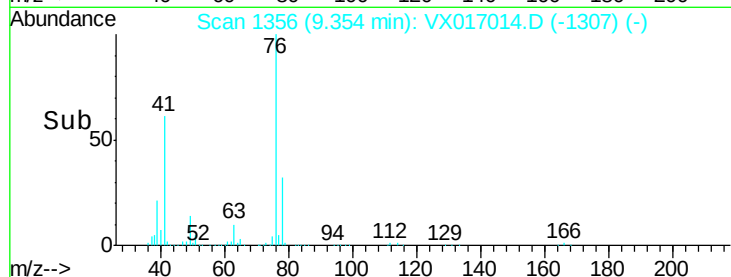
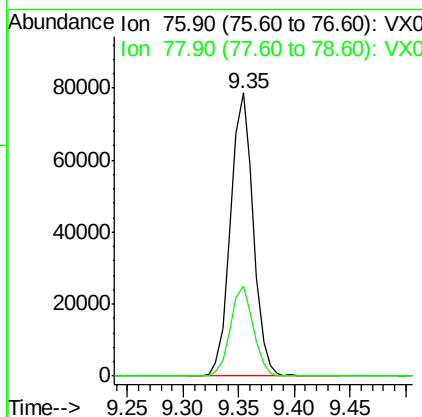
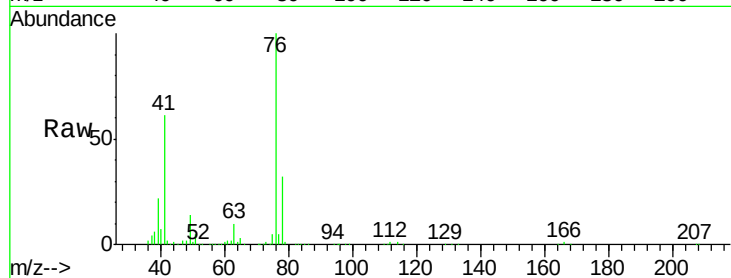
#57
 1,3-Dichloropropane
 Concen: 19.015 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

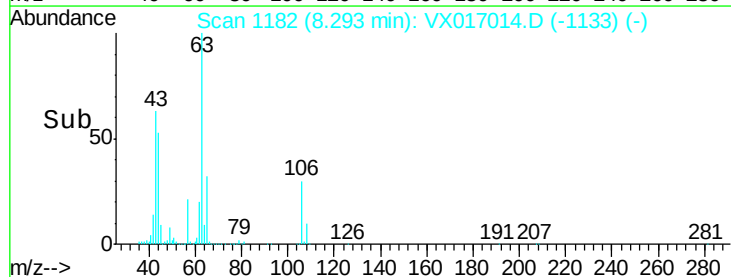
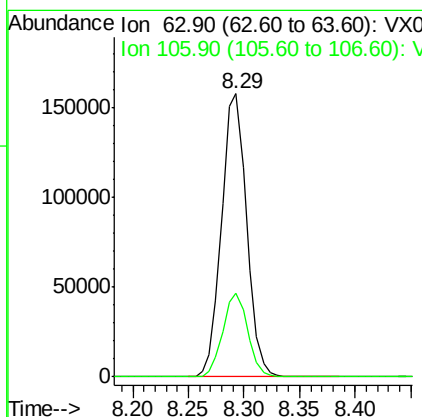
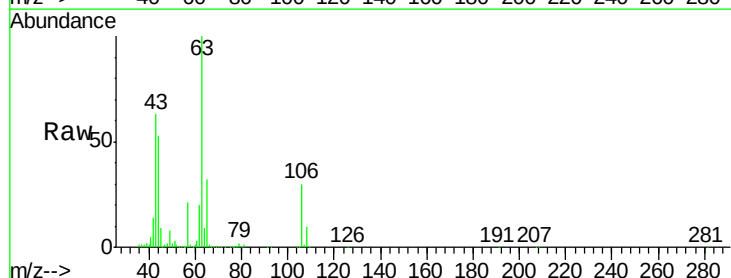
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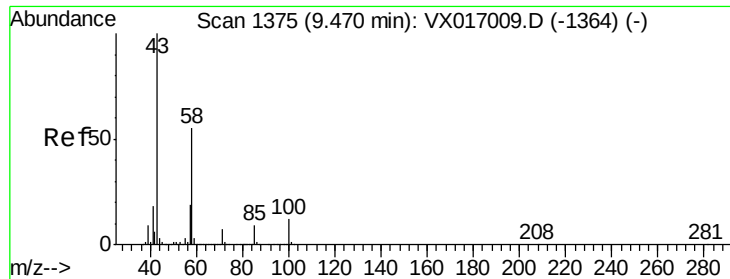
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.845 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	24.0	36.0





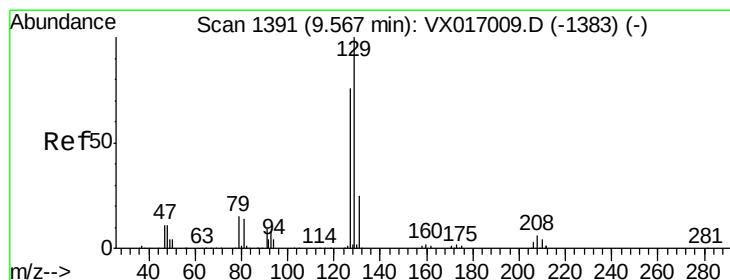
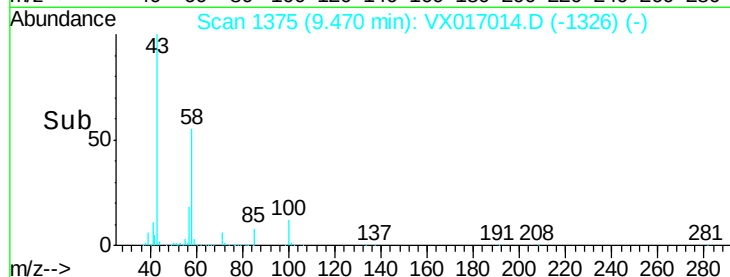
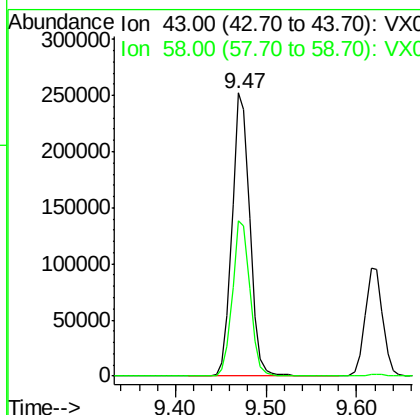
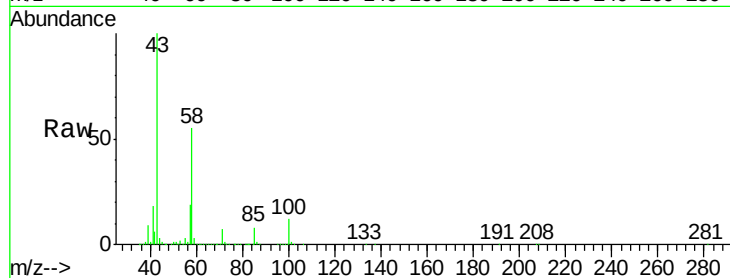
#59
2-Hexanone
Concen: 101.052 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.9	83.6

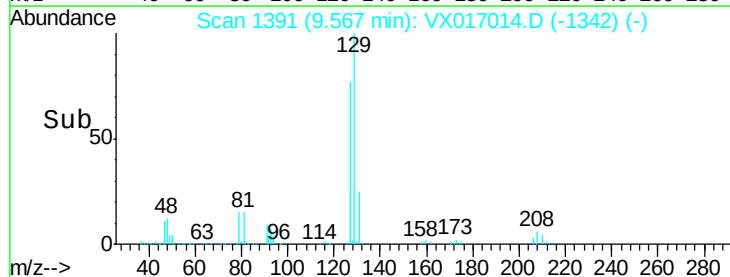
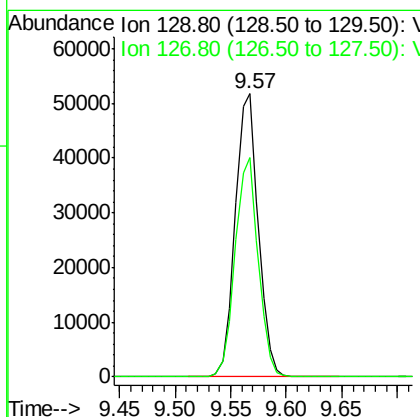
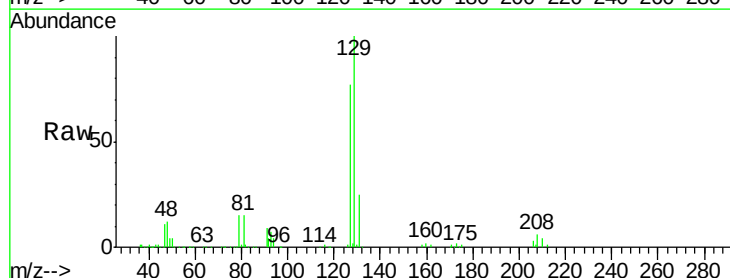
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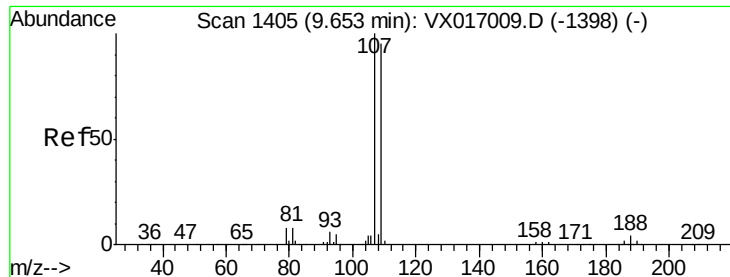
MMDadoda
6/30/2020 10:12:11 AM



#60
Dibromochloromethane
Concen: 18.536 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.9	116.7





#61

1,2-Dibromoethane

Concen: 18.928 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion:107 Resp: 70206

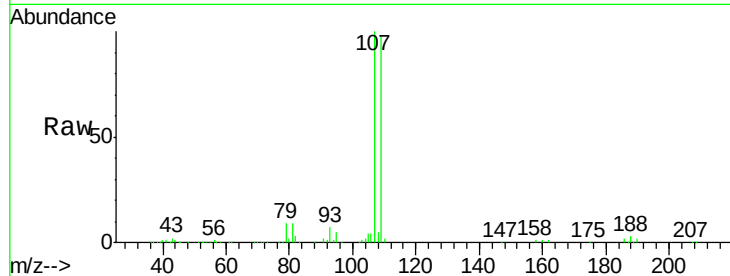
Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.8

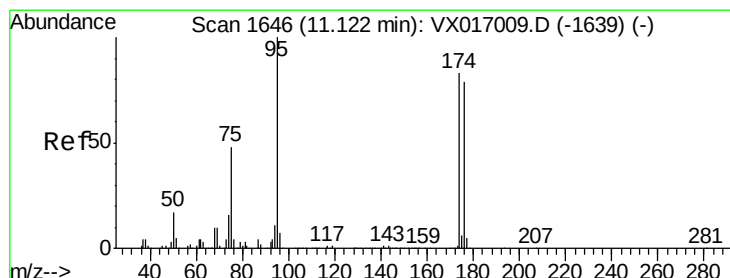
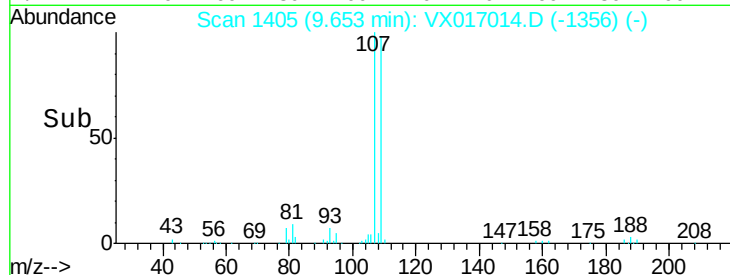
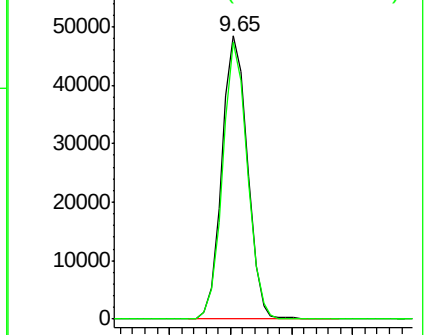
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.831 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

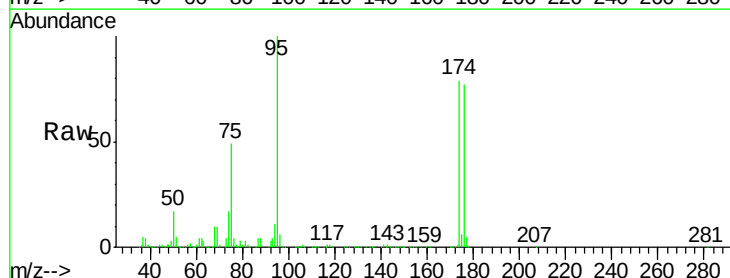
Tgt Ion: 95 Resp: 213051

Ion Ratio Lower Upper

95 100

174 79.1 0.0 164.0

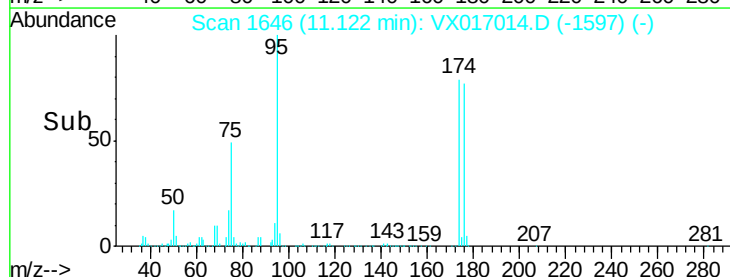
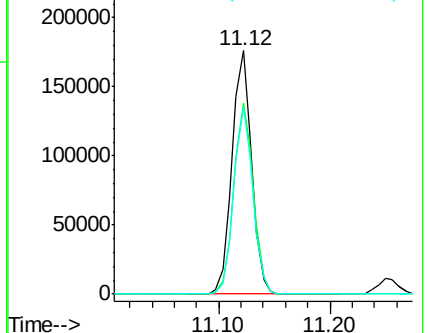
176 75.2 0.0 157.6

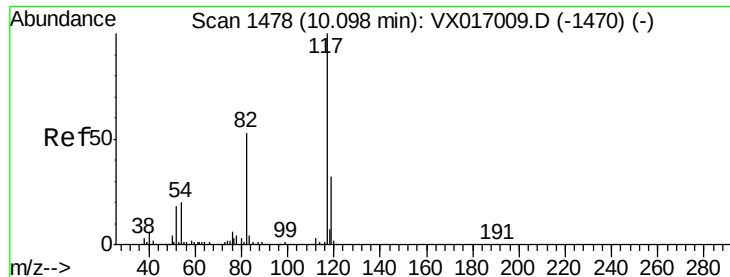


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





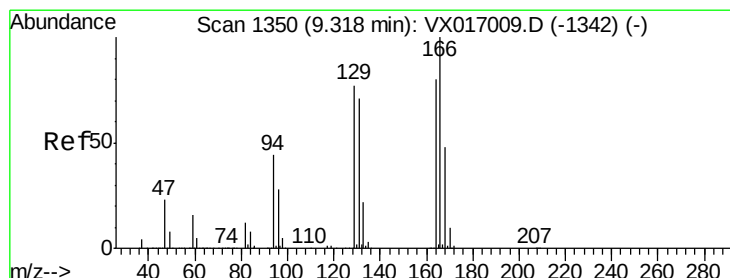
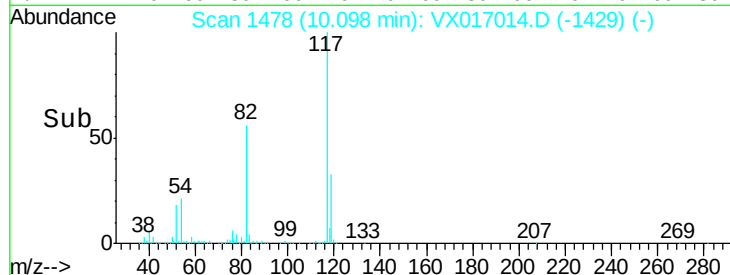
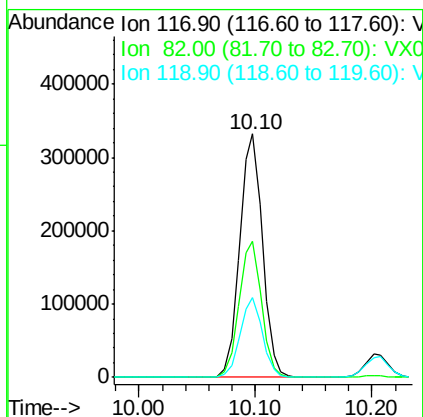
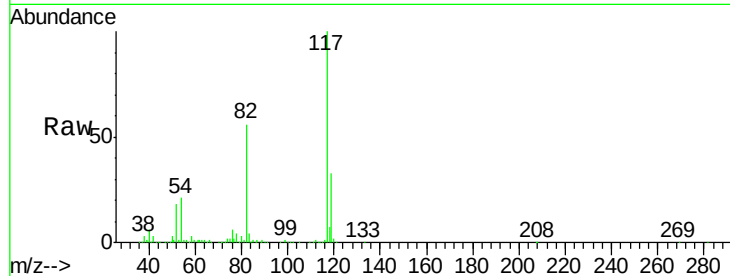
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.6	63.8
119	32.6	25.4	38.2

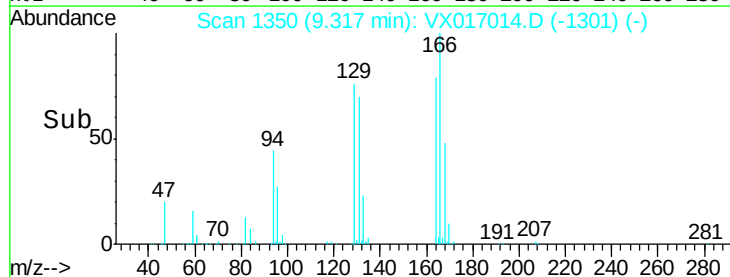
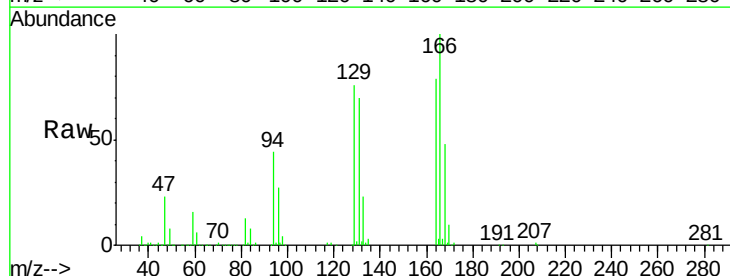
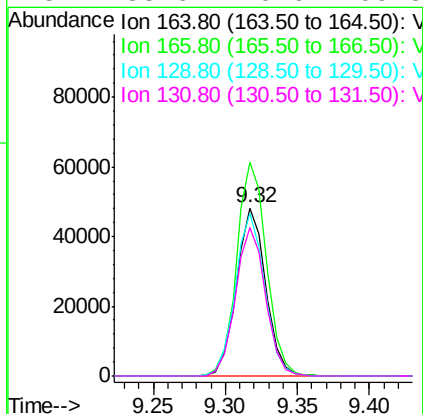
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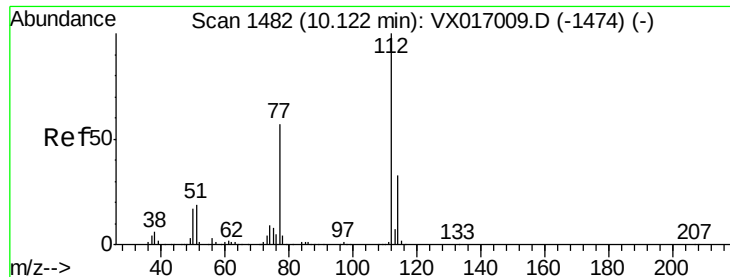
MMDadoda
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#64
Tetrachloroethene
Concen: 18.640 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	99.4	149.0
129	96.5	76.3	114.5
131	88.6	70.6	105.8





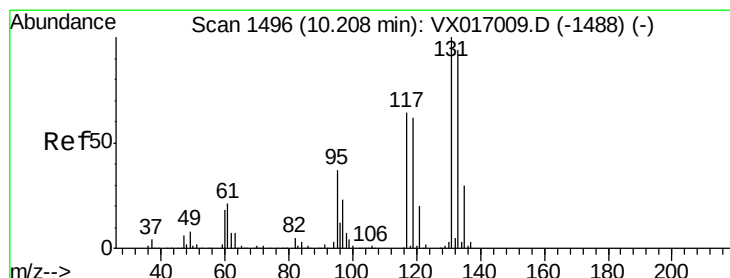
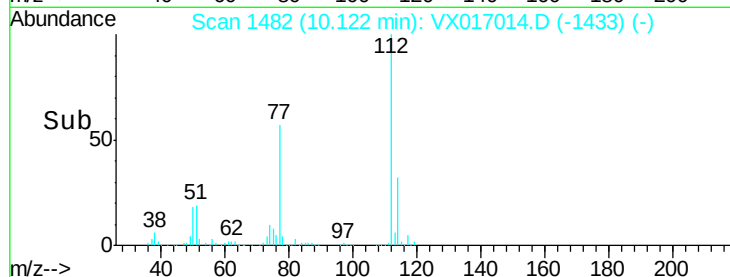
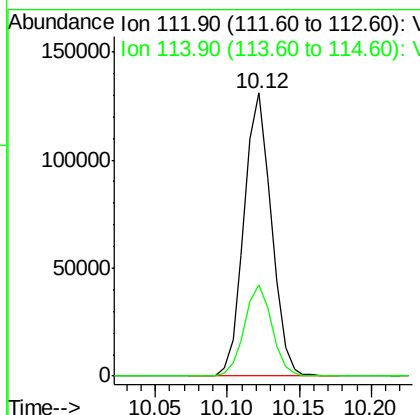
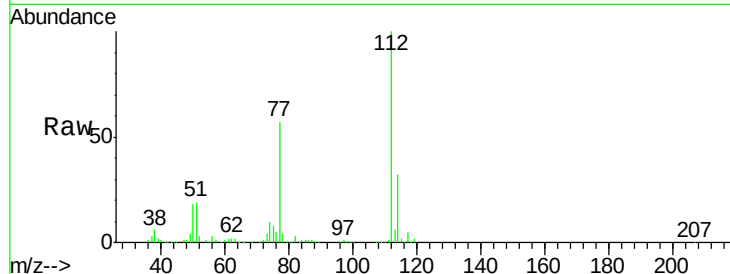
#65
Chlorobenzene
Concen: 18.523 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.2	39.4

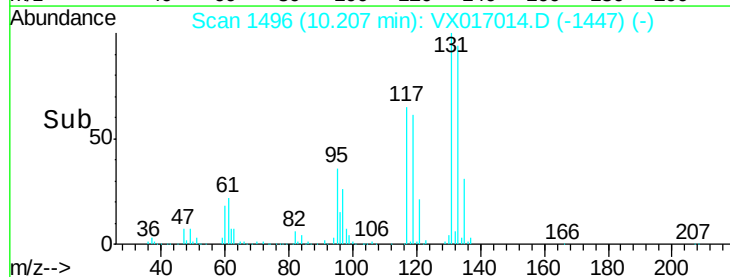
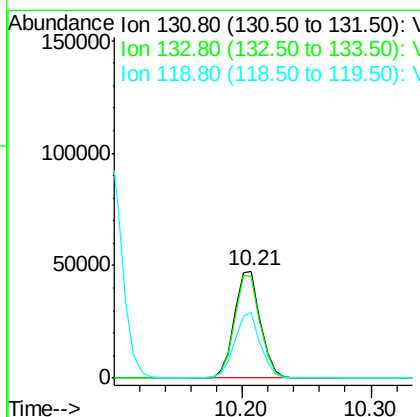
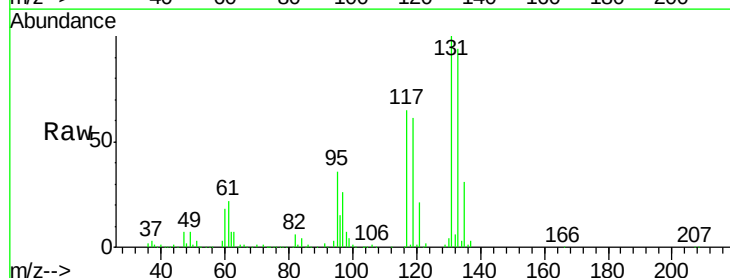
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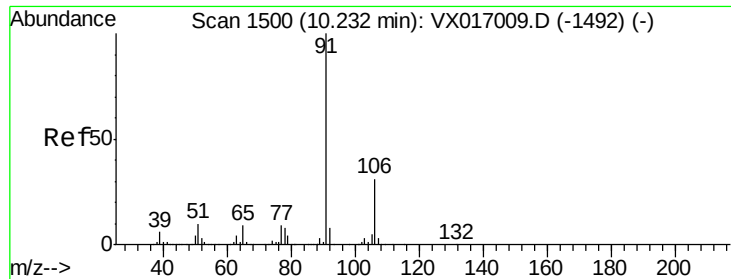
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.548 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.3	141.9
119	61.2	31.9	95.5





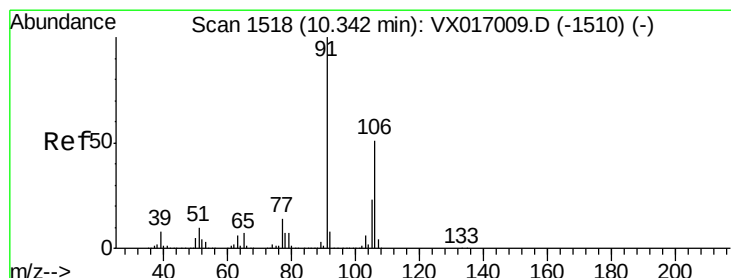
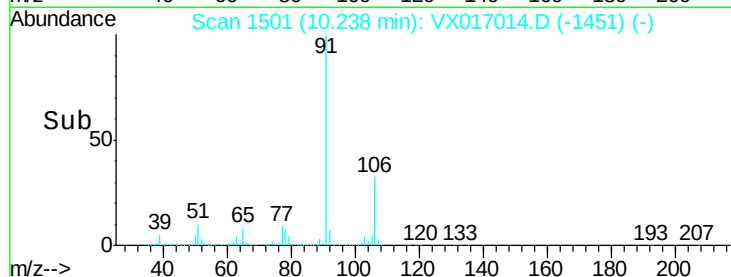
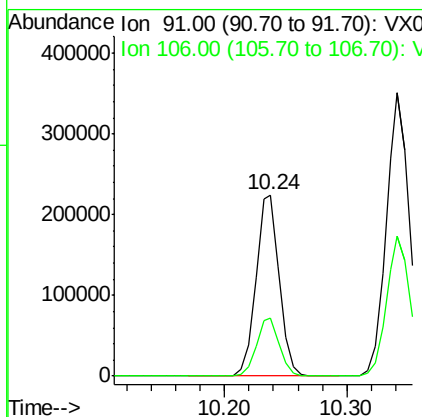
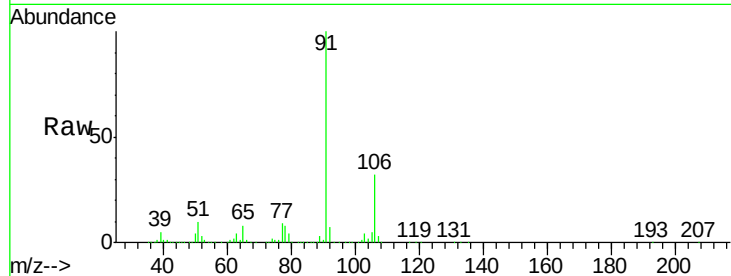
#67
Ethyl Benzene
Concen: 19.213 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion: 91 Resp: 299342
Ion Ratio Lower Upper
91 100
106 32.0 24.7 37.1

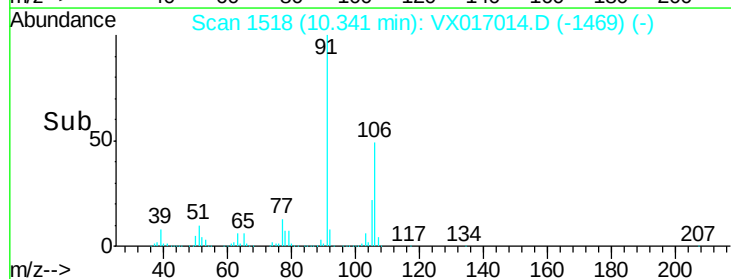
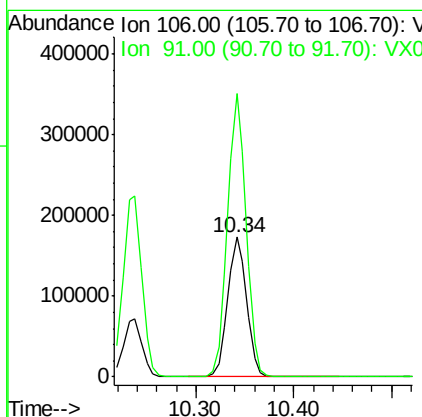
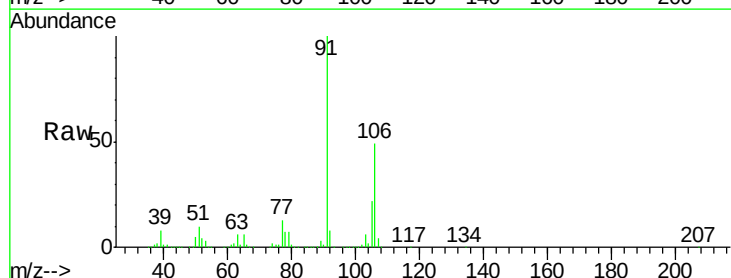
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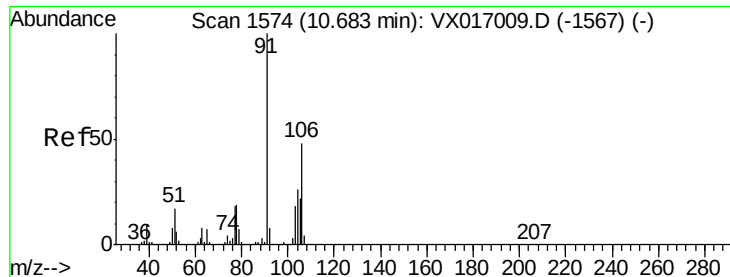
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#68
m/p-Xylenes
Concen: 38.734 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion: 106 Resp: 231720
Ion Ratio Lower Upper
106 100
91 199.6 158.6 238.0





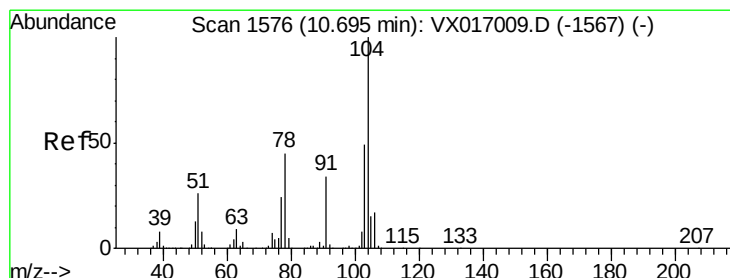
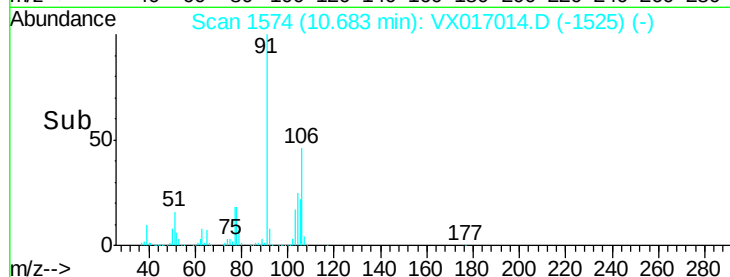
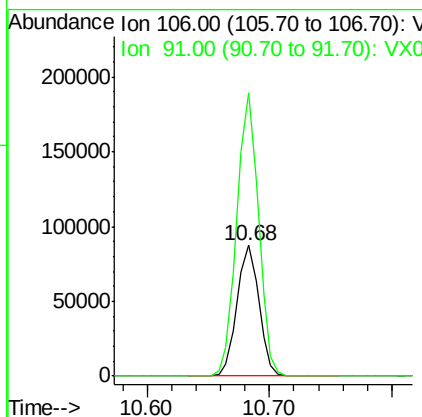
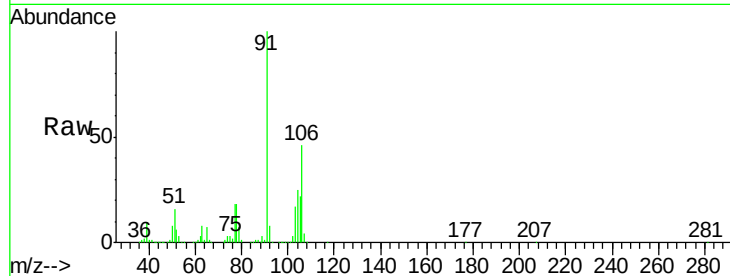
#69
o-Xylene
Concen: 18.989 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	108064		
91	91	215.2	105.6	316.7	

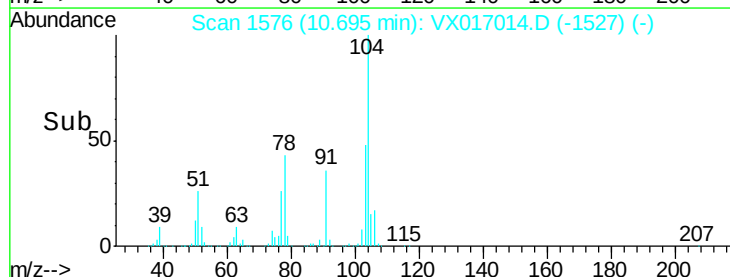
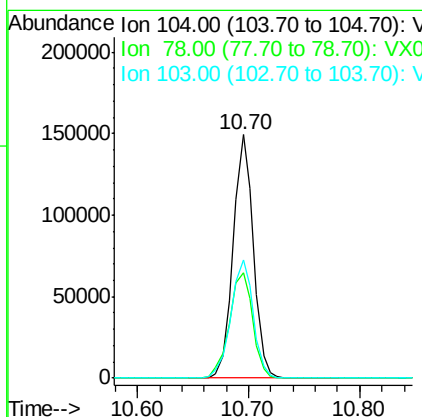
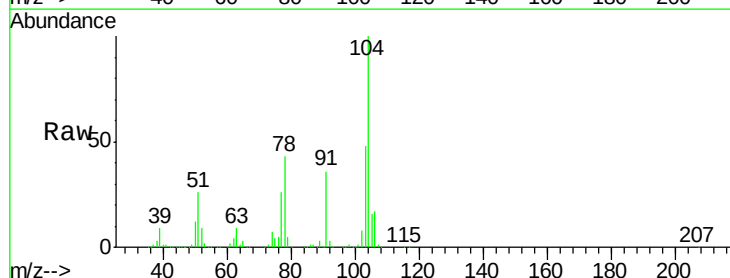
Manual Integrations
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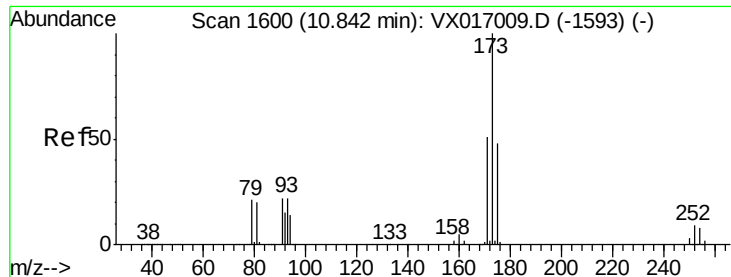
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#70
Styrene
Concen: 19.343 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	187456		
78	78	50.1	39.5	59.3	
103	103	53.6	43.0	64.6	





#71

Bromoform

Concen: 18.849 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion:173 Resp: 53742

Ion Ratio Lower Upper

173 100

175 50.0 24.5 73.5

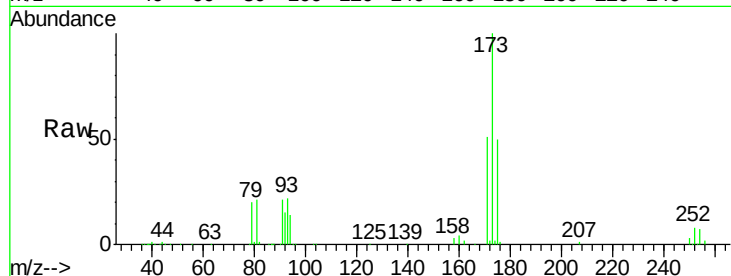
254 0.0 0.1 0.1#

Manual Integrations

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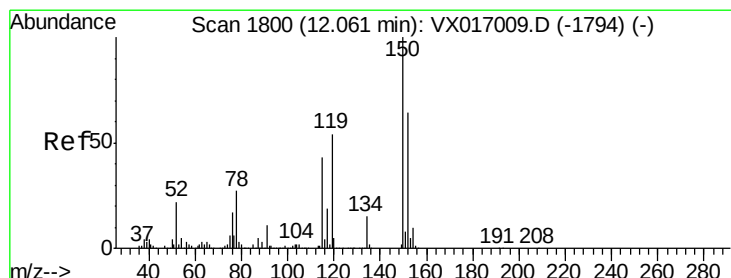
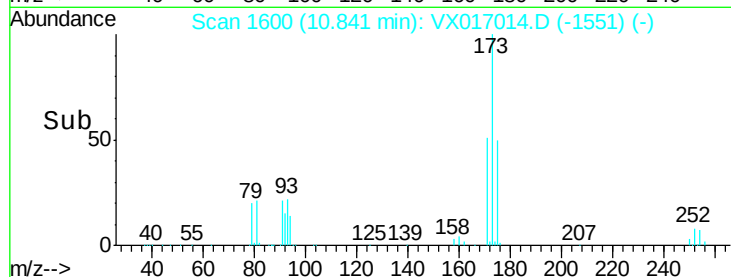
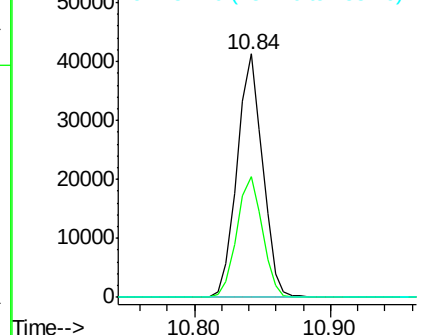
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

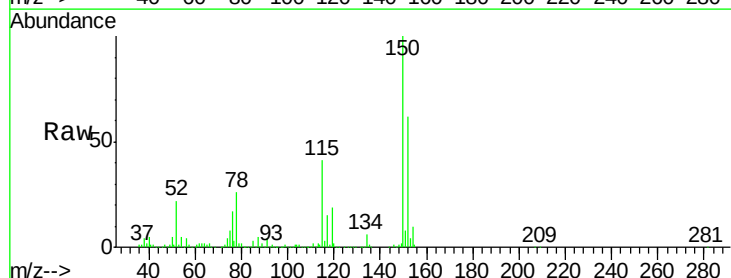
Tgt Ion:152 Resp: 227249

Ion Ratio Lower Upper

152 100

115 69.2 40.9 122.7

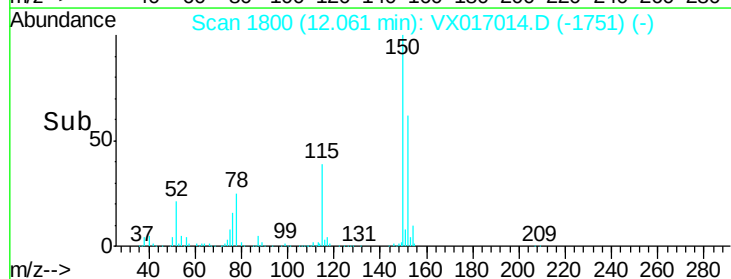
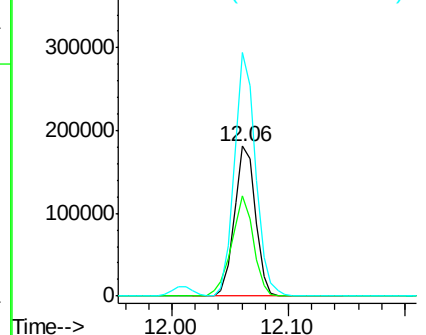
150 164.3 0.0 351.6

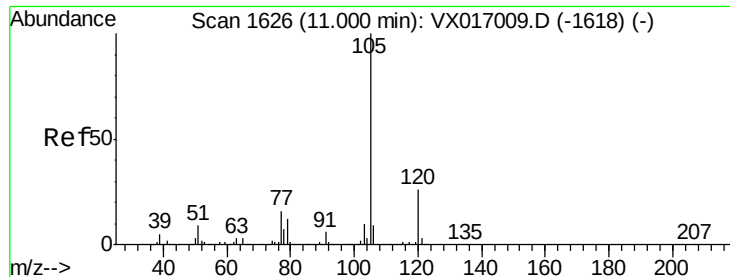


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.834 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS01

Tot Ion: 105 Resp: 295224

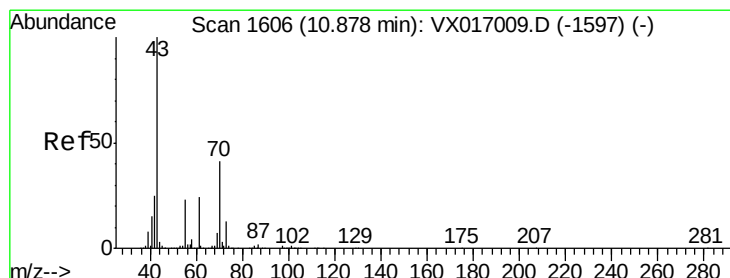
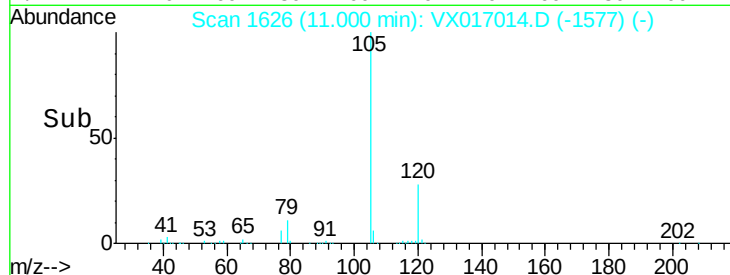
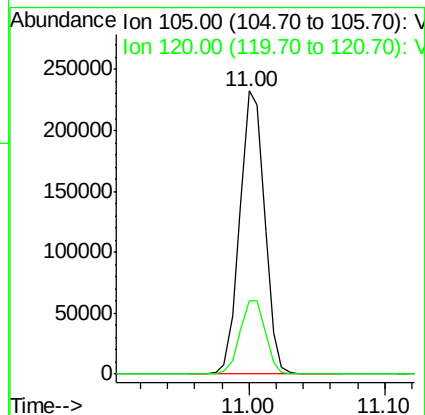
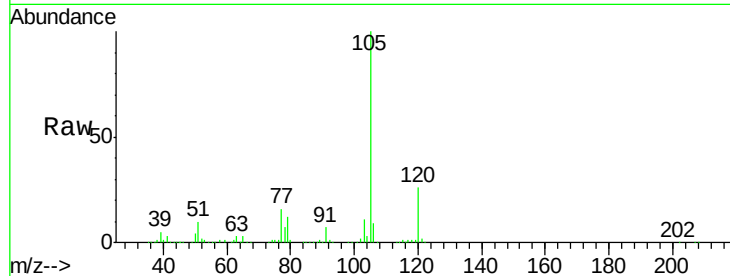
Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2

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#74

N-ethyl acetate

Concen: 19.889 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion: 43 Resp: 126319

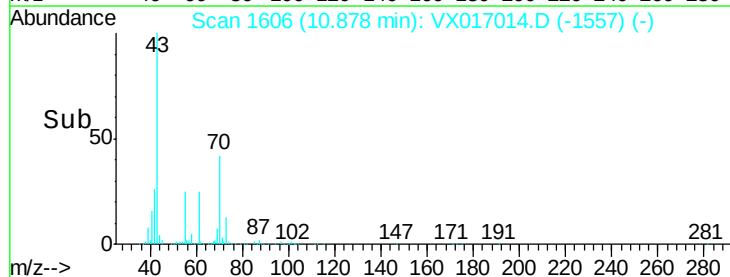
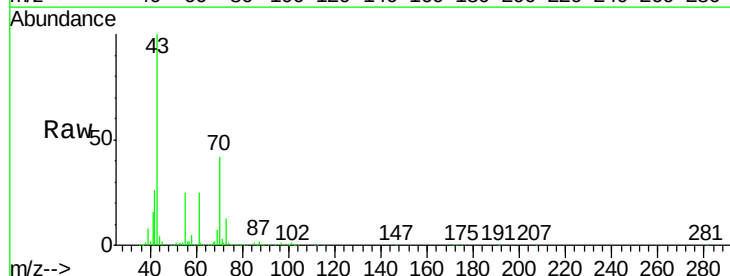
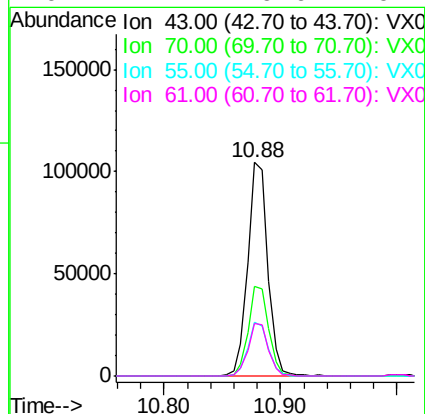
Ion Ratio Lower Upper

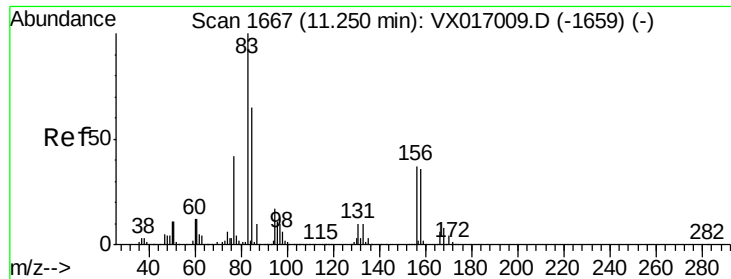
43 100

70 42.5 34.2 51.2

55 25.7 19.2 28.8

61 24.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.618 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

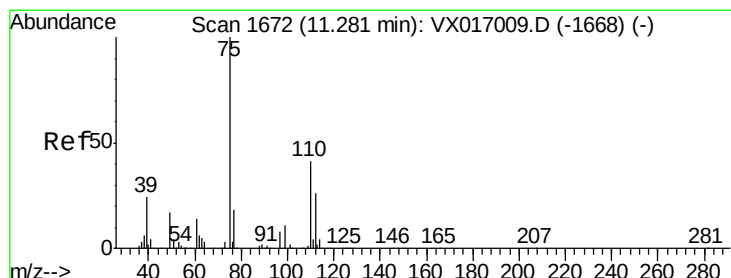
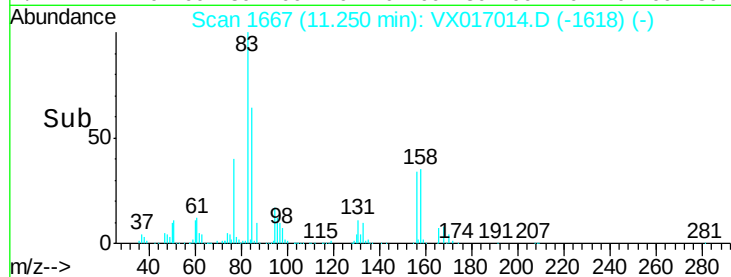
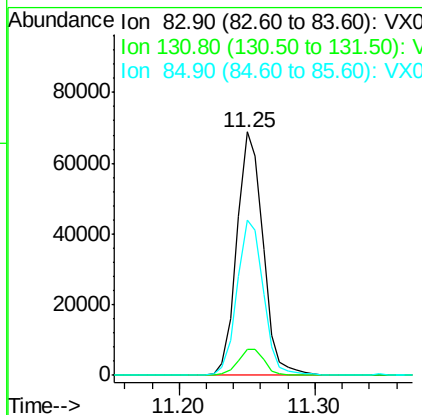
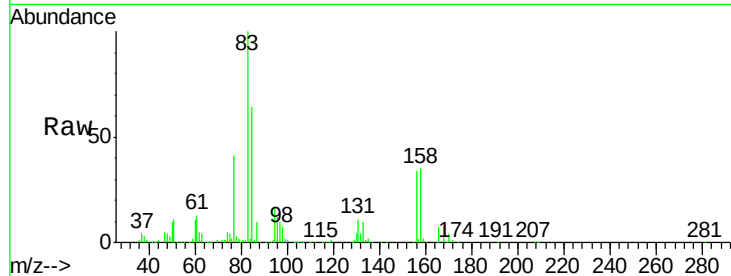
ClientSampleId :

VX0629WBS01

Tot Ion:	83	Resp:	91854
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	64.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 19.932 ug/l m

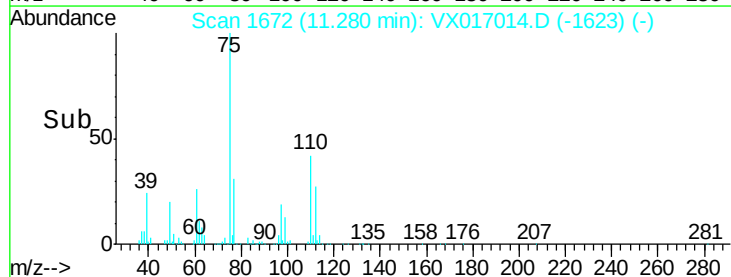
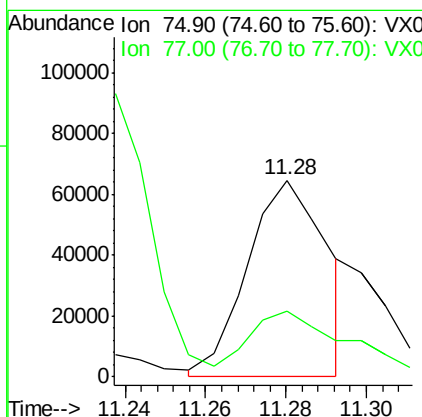
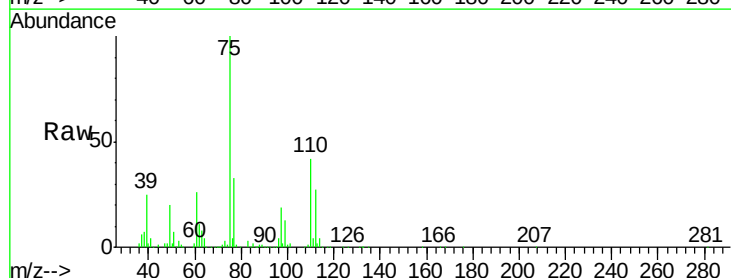
RT: 11.28 min Scan# 1672

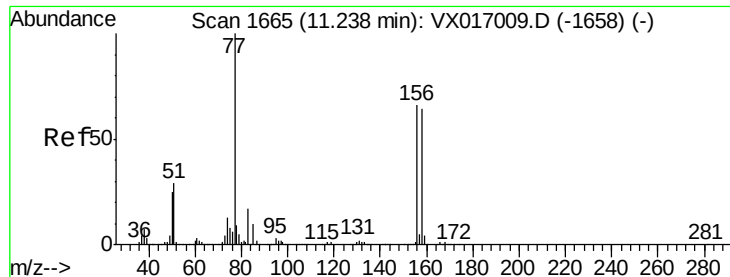
Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion:	75	Resp:	89069
Ion Ratio	Lower	Upper	
75	100		
77	41.6	20.2	60.6





#77

Bromobenzene

Concen: 18.737 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

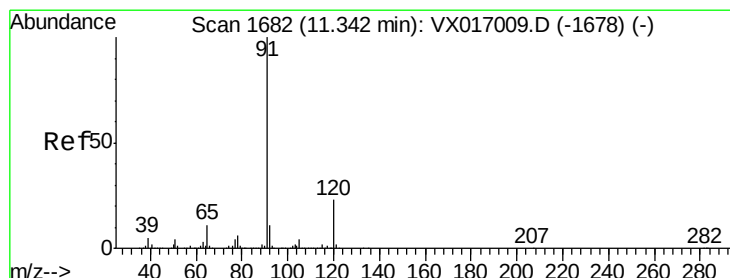
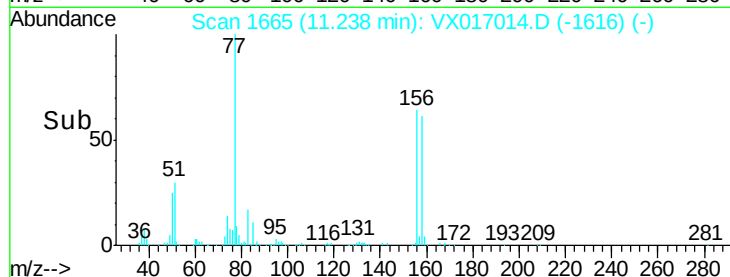
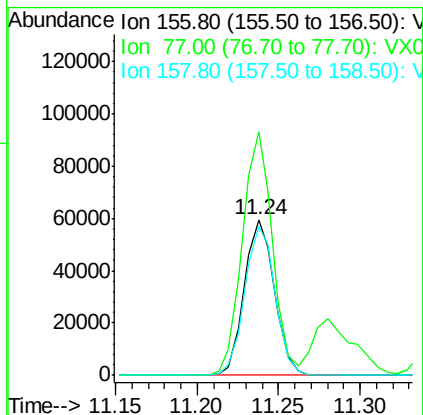
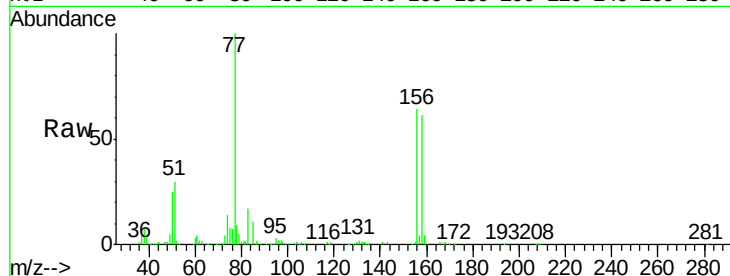
ClientSampled :

VX0629WBS01

Tot Ion:	156	Resp:	76654
Ion	Ratio	Lower	Upper
156	100		
77	156.2	76.9	230.7
158	96.7	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.940 ug/l

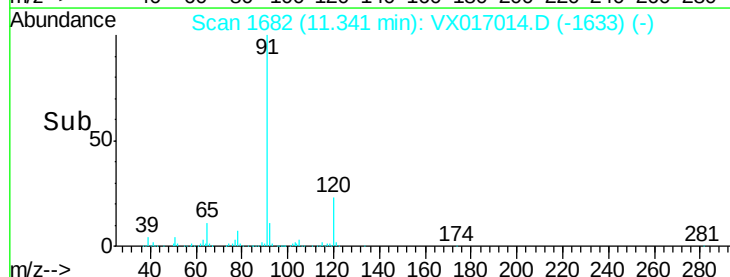
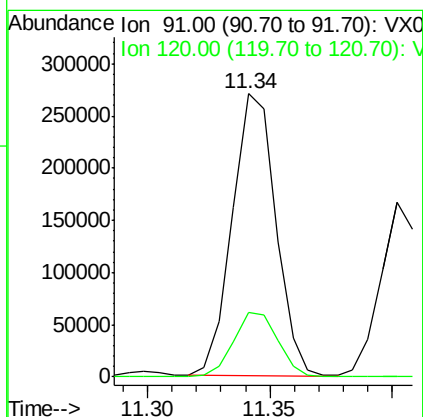
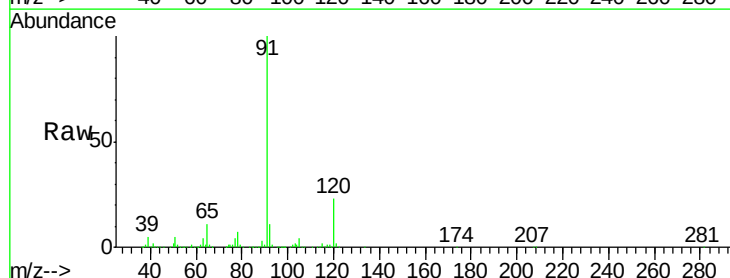
RT: 11.34 min Scan# 1682

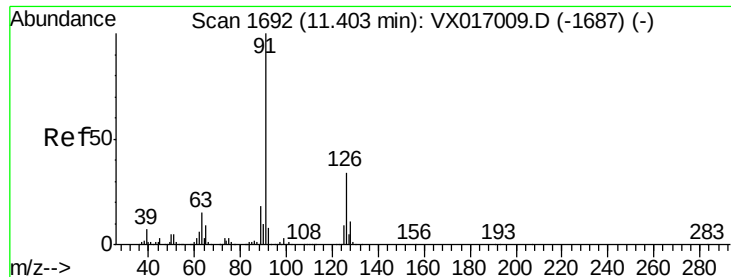
Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Tgt Ion:	91	Resp:	335646
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.9





#79

2-Chlorotoluene

Concen: 19.815 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017014.D

Acq: 29 Jun 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS01

Tot Ion: 91 Resp: 201857

Ion Ratio Lower Upper

91 100

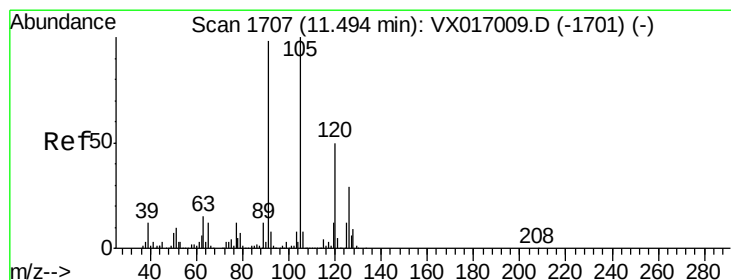
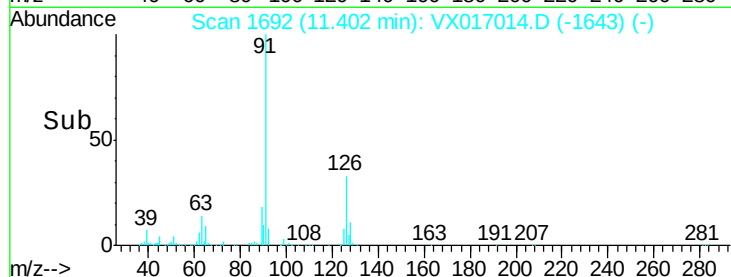
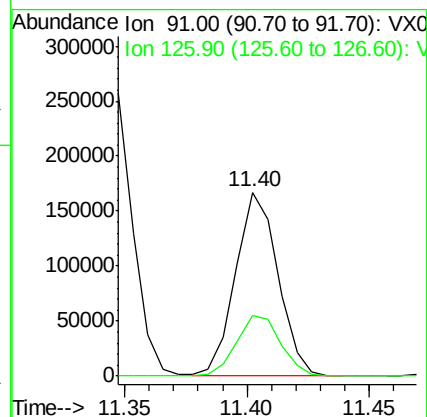
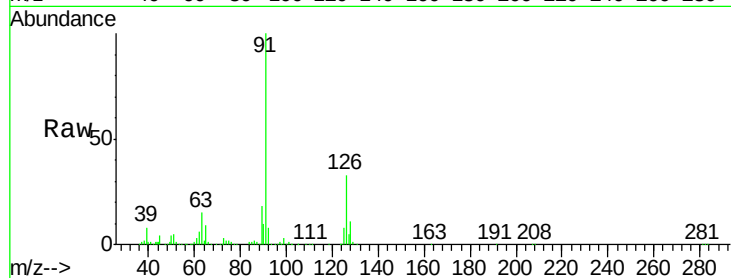
126 34.6 17.4 52.3

Manual Integrations

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6/30/2020 10:12:11 AM



#80

1,3,5-Trimethylbenzene

Concen: 20.105 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017014.D

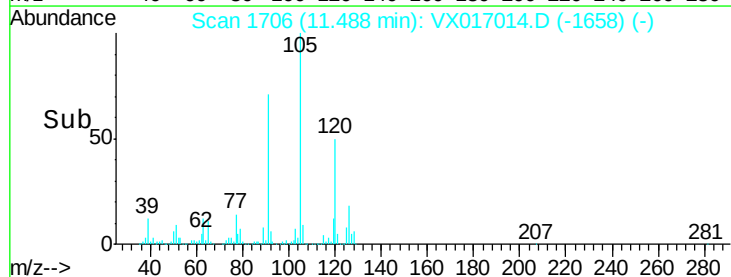
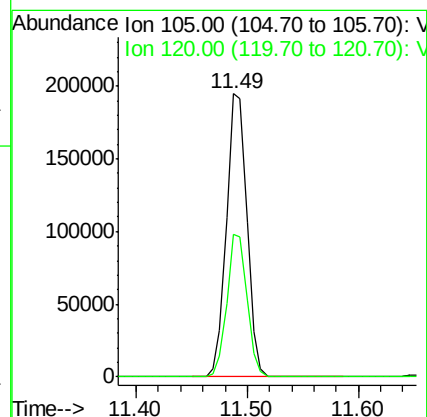
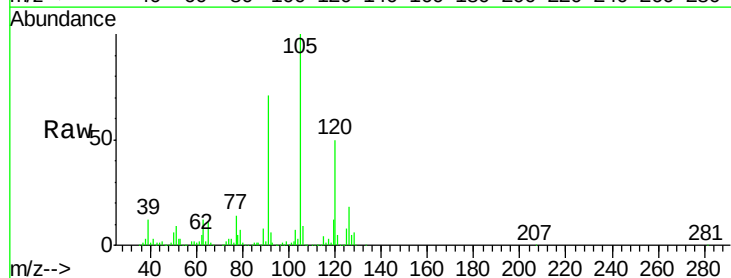
Acq: 29 Jun 2020 18:09

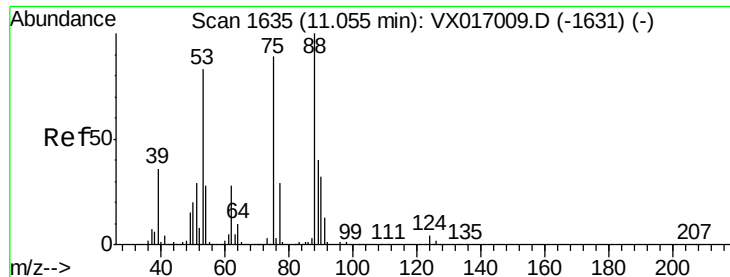
Tgt Ion: 105 Resp: 248226

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.6





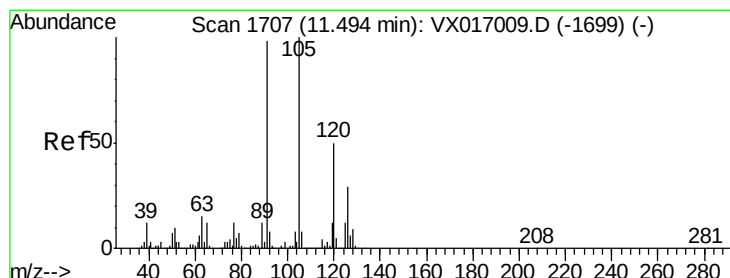
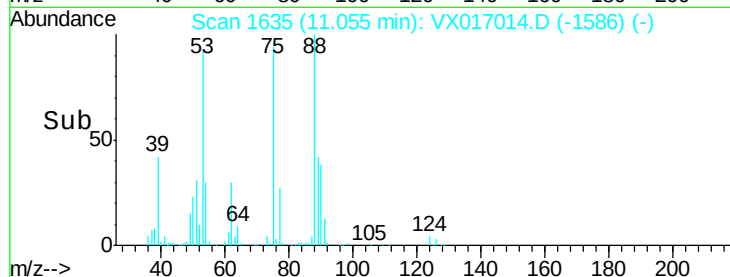
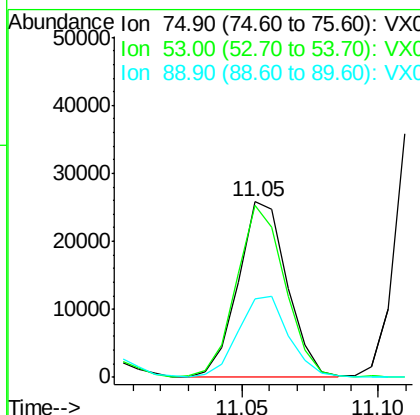
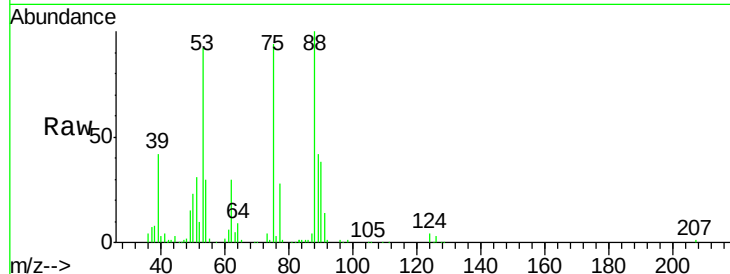
#81
trans-1,4-Dichloro-2-butene
Concen: 18.664 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	72.4	108.6
89	48.0	37.0	55.4

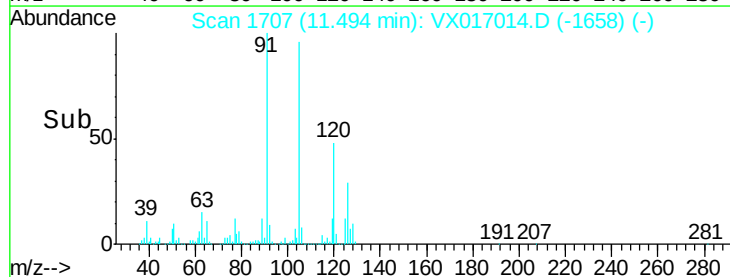
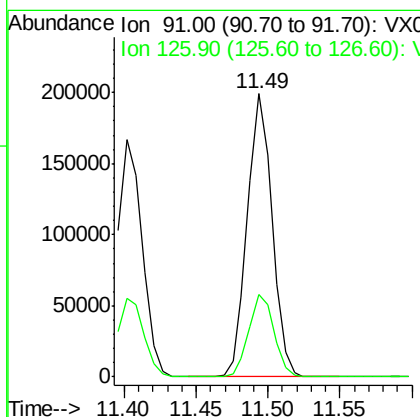
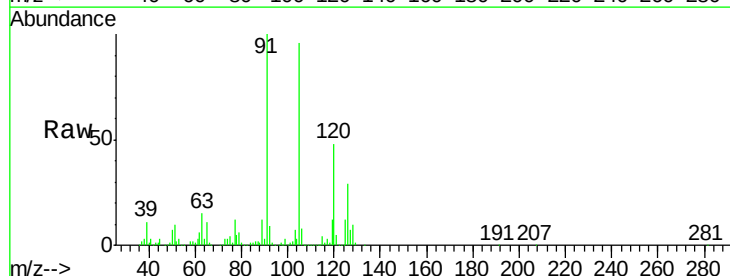
Manual Integrations
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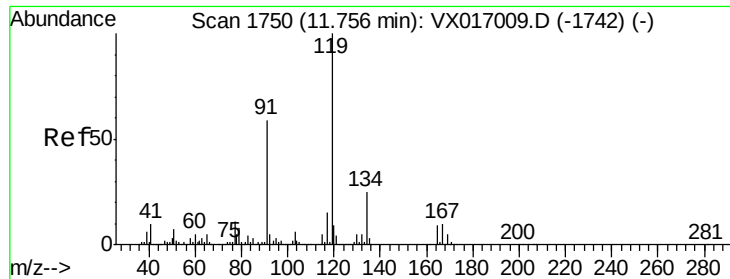
MMDadoda
6/30/2020 10:12:11 AM



#82
4-Chlorotoluene
Concen: 19.520 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.2	45.5





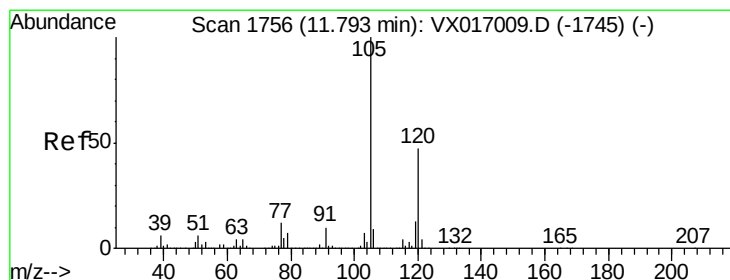
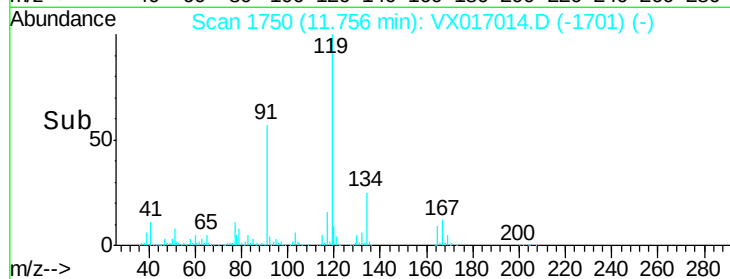
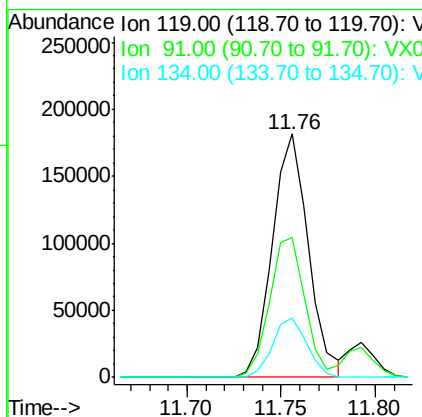
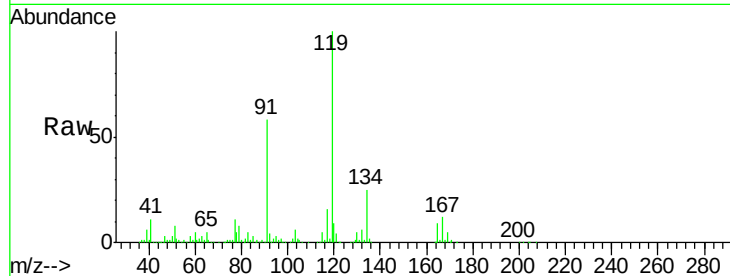
#83
 tert-Butylbenzene
 Concen: 19.813 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	240141		
91	56.3	28.3	84.9	
134	23.4	11.7	35.1	

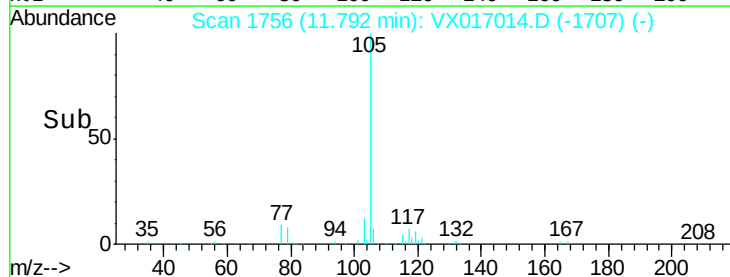
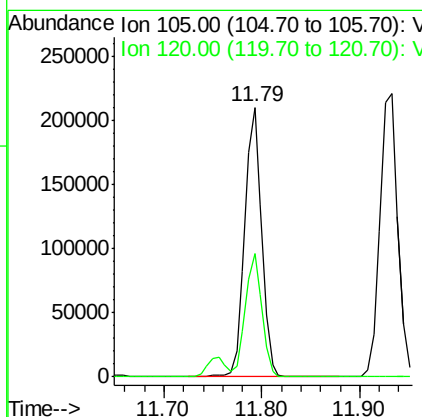
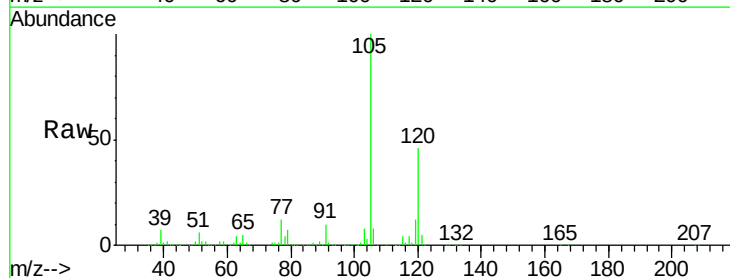
Manual Integrations
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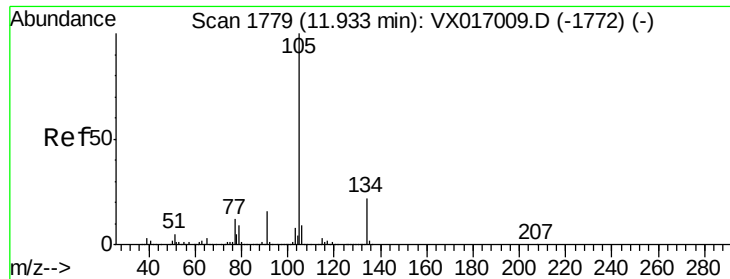
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.190 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252899		
120	44.8	22.9	68.5	





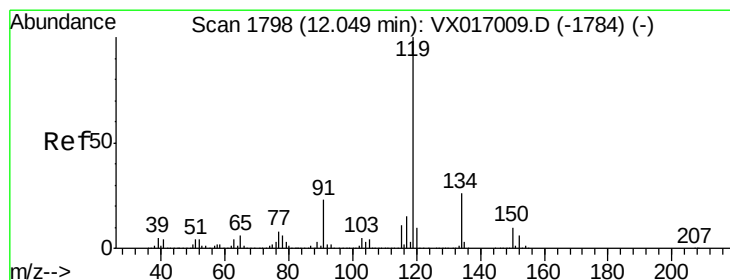
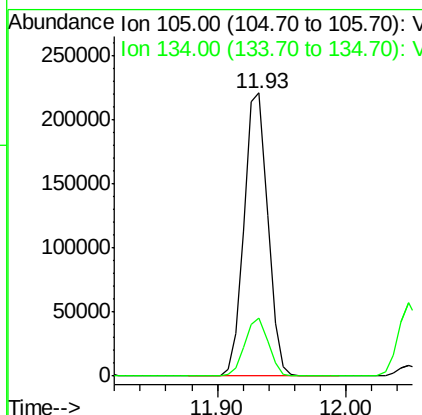
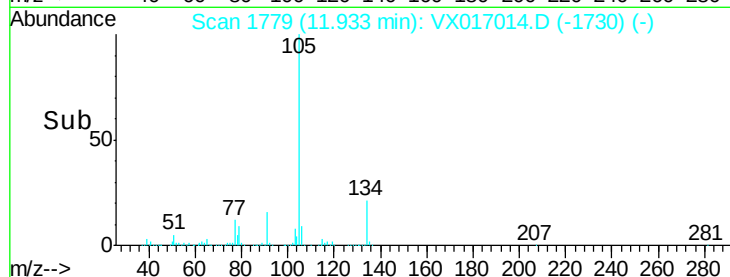
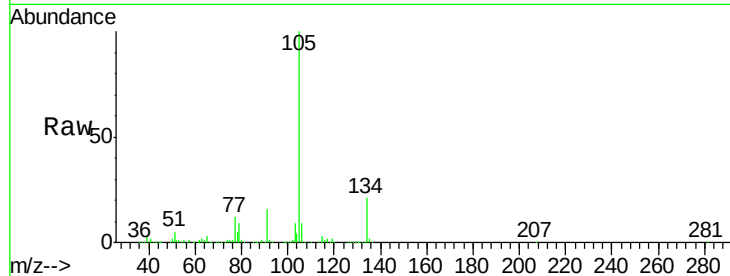
#85
 sec-Butylbenzene
 Concen: 19.614 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.5	31.6

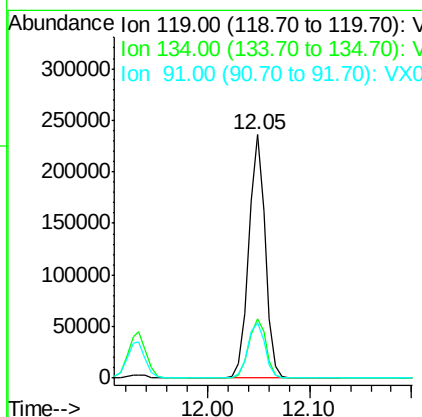
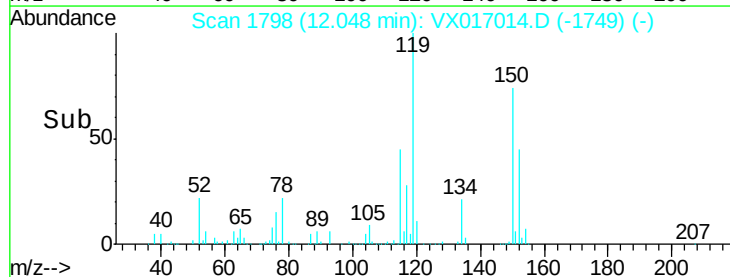
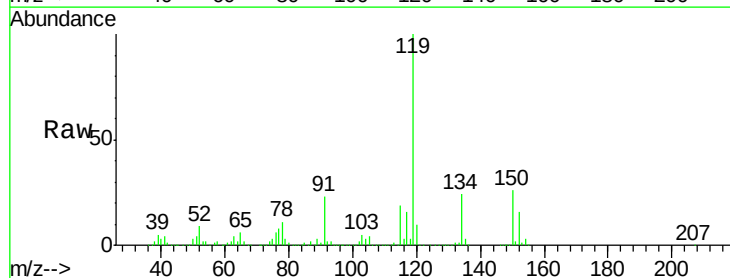
Manual Integrations
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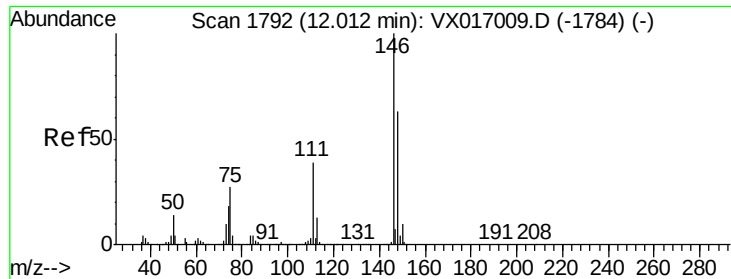
MMDadoda
 6/30/2020 10:12:11 AM



#86
 p-Isopropyltoluene
 Concen: 19.881 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.2	39.5
91	23.9	11.8	35.4





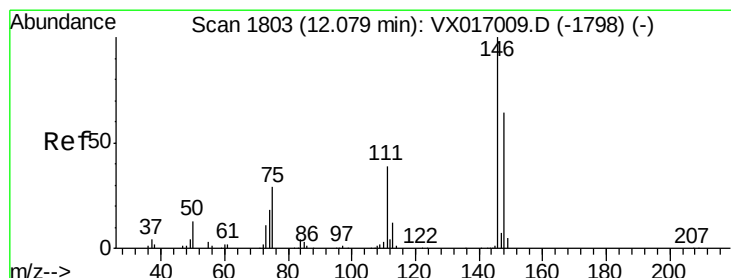
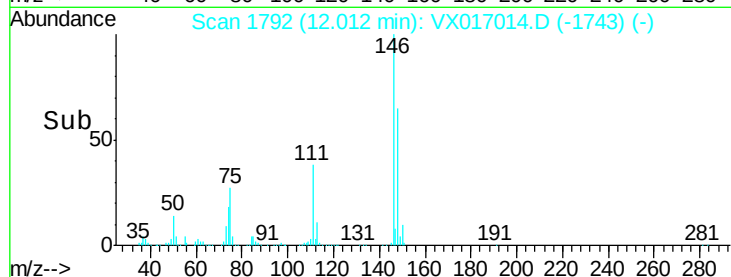
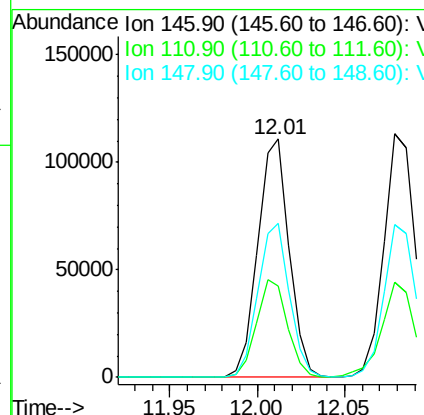
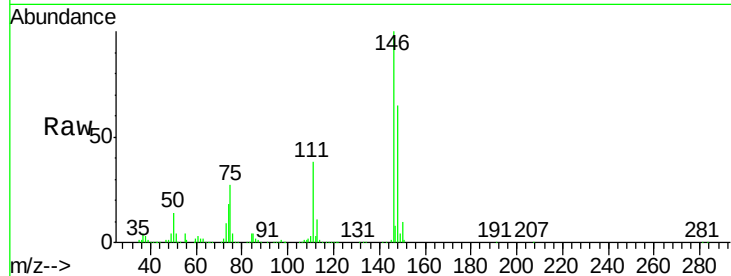
#87
 1,3-Dichlorobenzene
 Concen: 18.618 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	64.9	32.5	97.5

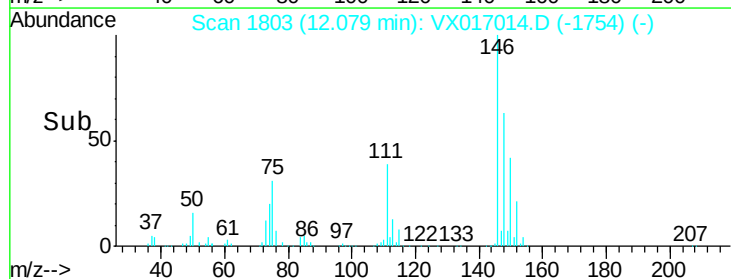
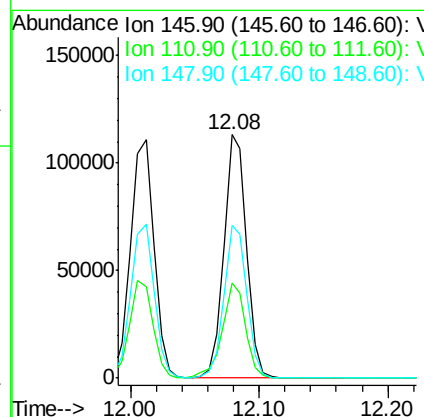
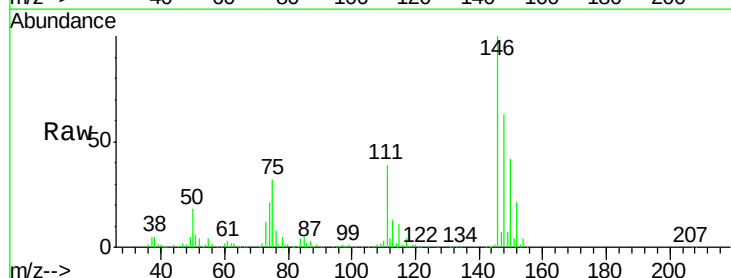
Manual Integrations
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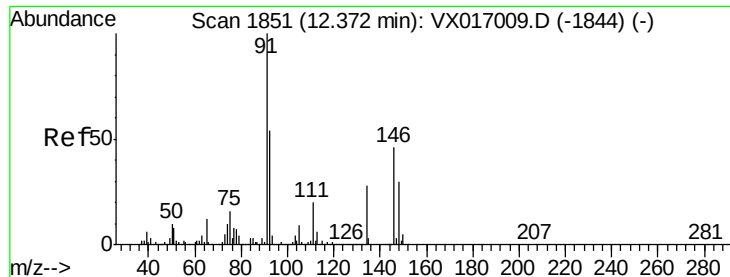
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 6/30/2020 10:12:11 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.852 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.5	58.5
148	63.8	31.9	95.7





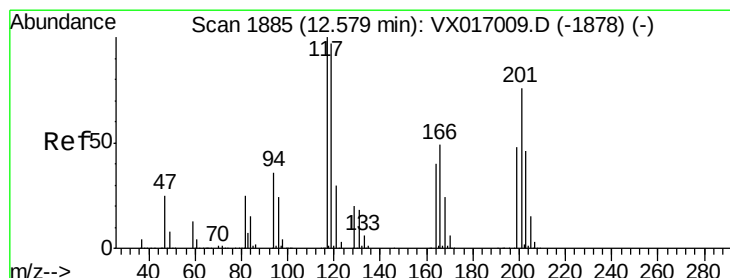
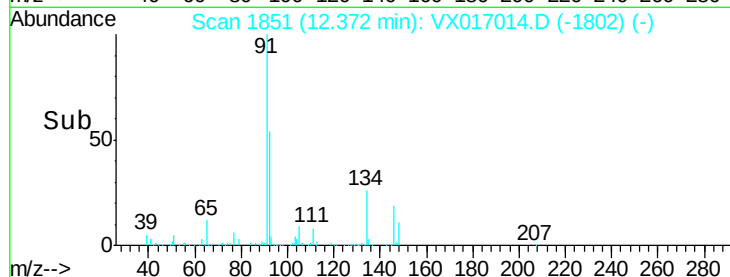
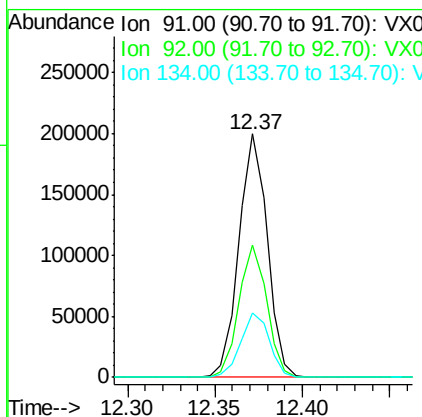
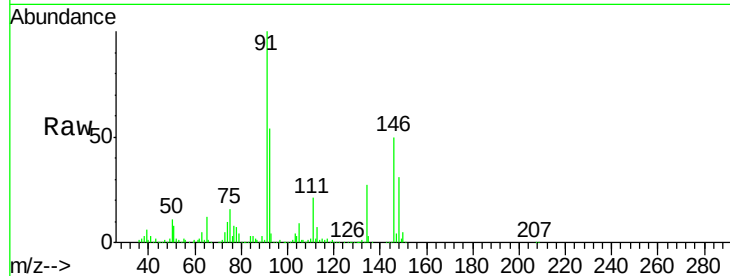
#89
n-Butylbenzene
Concen: 19.021 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	26.8	13.6	40.7

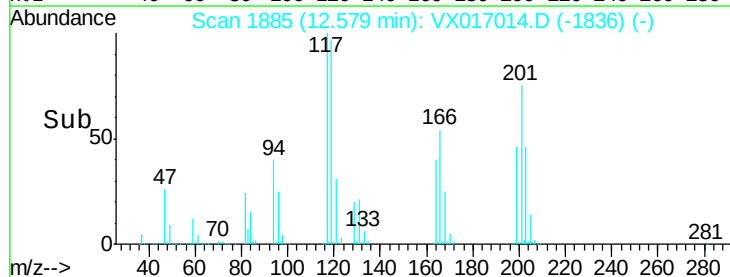
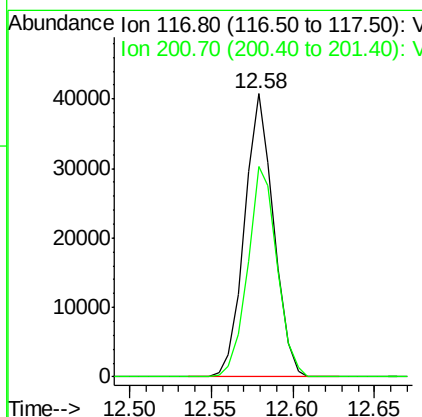
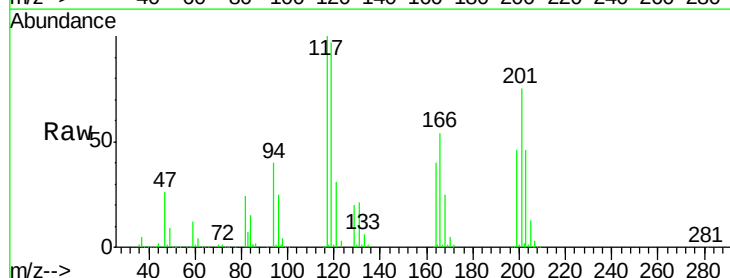
Manual Integrations
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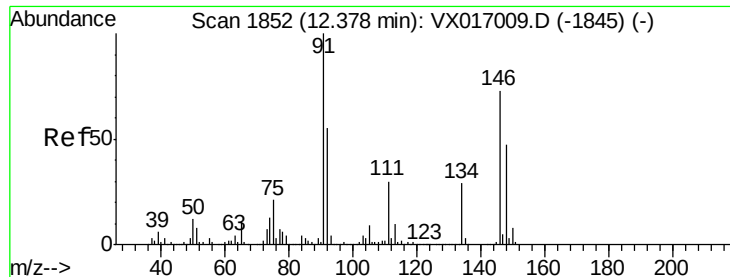
MMDadoda
6/30/2020 10:12:11 AM



#90
Hexachloroethane
Concen: 19.353 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	39.4	118.2





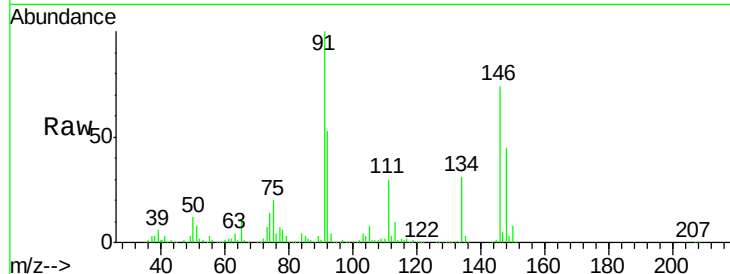
#91
 1,2-Dichlorobenzene
 Concen: 19.622 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	61.5	32.4	97.2

Manual Integrations
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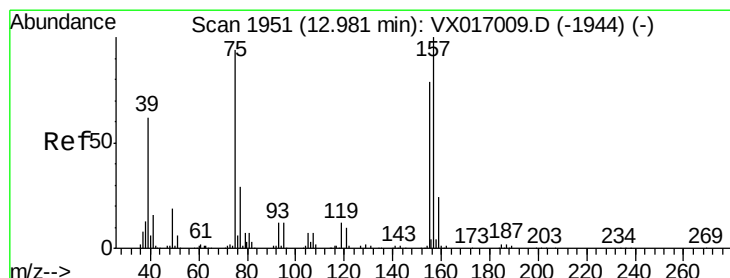
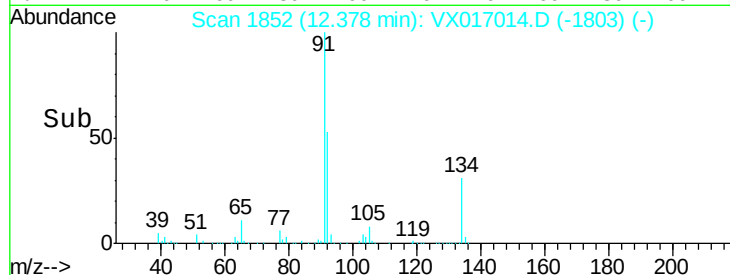
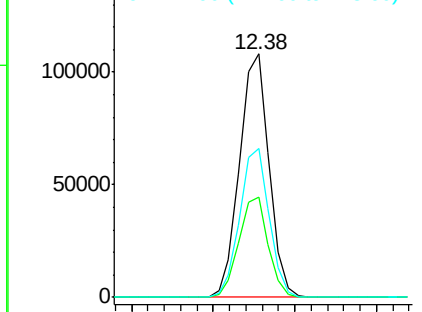


Abundance

Ion 145.90 (145.60 to 146.60): V

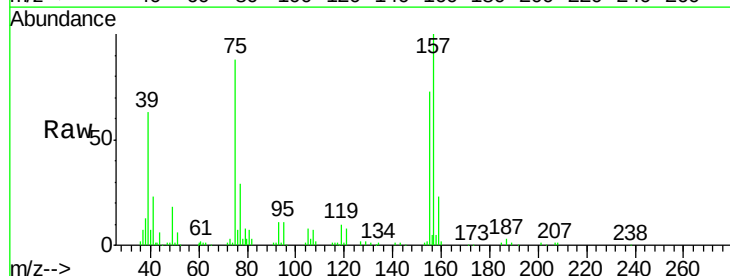
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.251 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	45.1	135.2
157	112.2	56.5	169.3

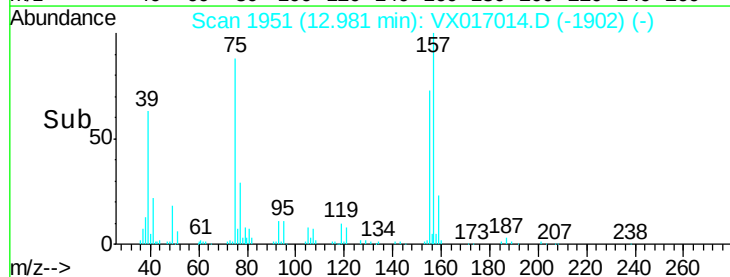
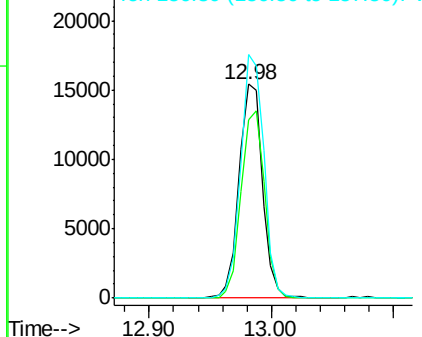


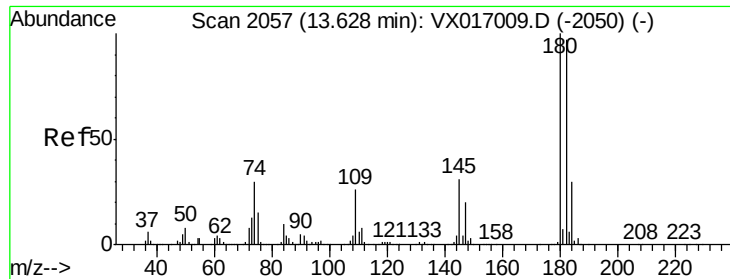
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





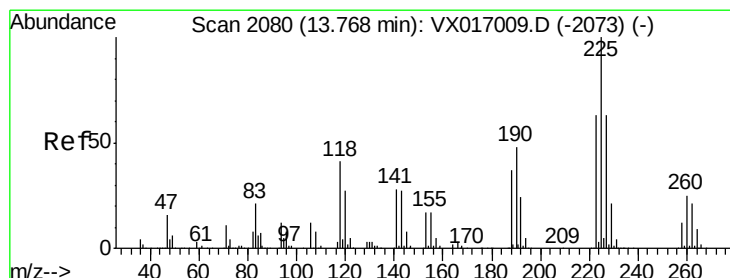
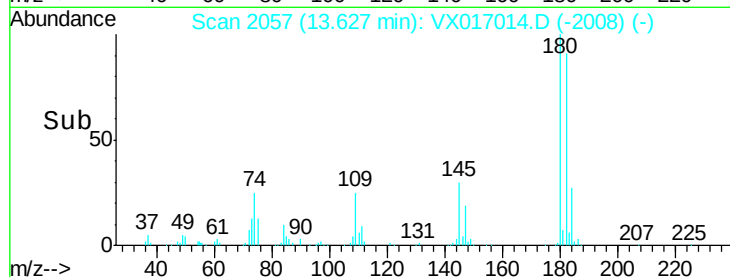
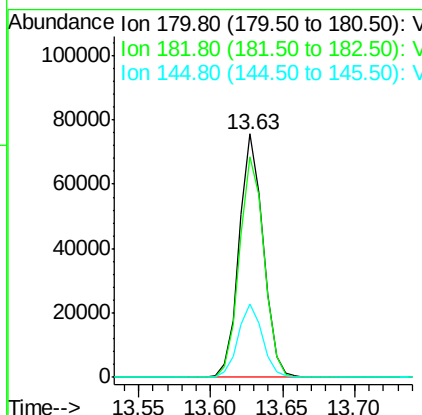
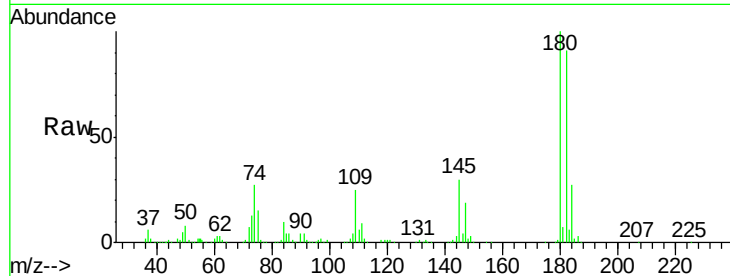
#93
 1,2,4-Trichlorobenzene
 Concen: 18.489 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.3	141.9
145	30.6	15.4	46.2

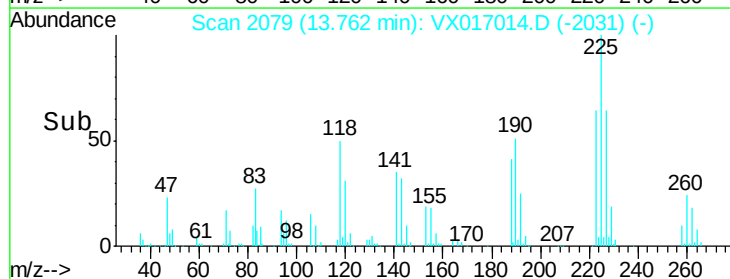
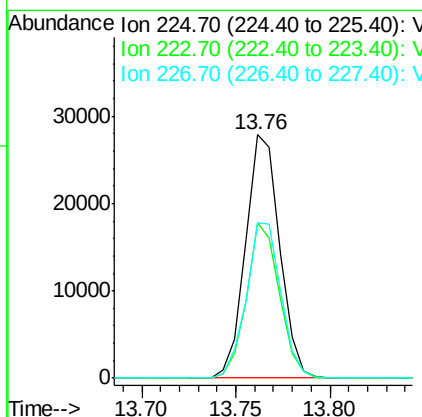
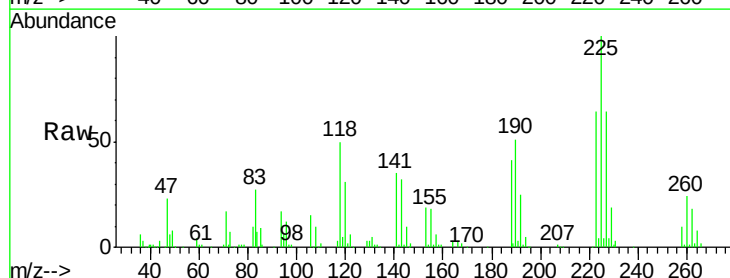
Manual Integrations
 APPROVED

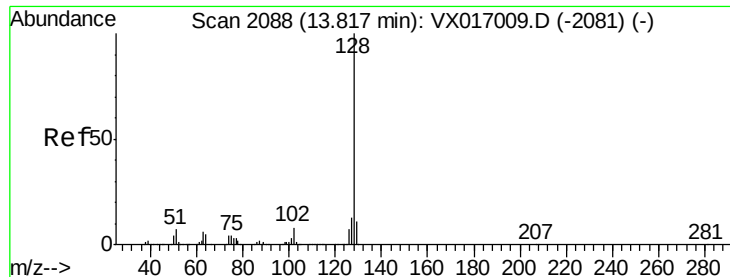
MMDadoda
 6/30/2020 10:12:11 AM



#94
 Hexachlorobutadiene
 Concen: 19.964 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017014.D
 Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.5	97.5
227	64.9	33.1	99.2





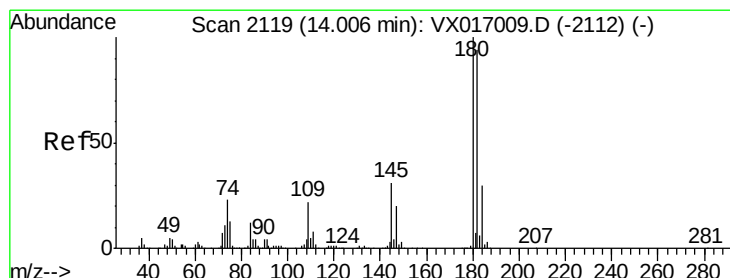
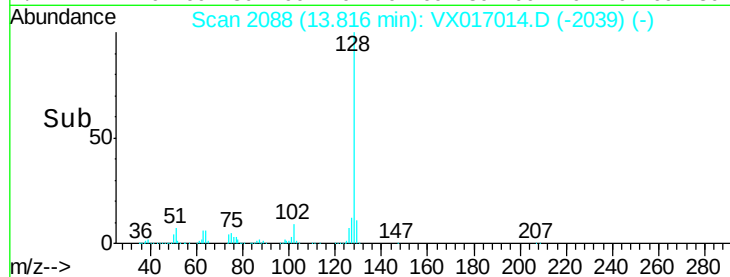
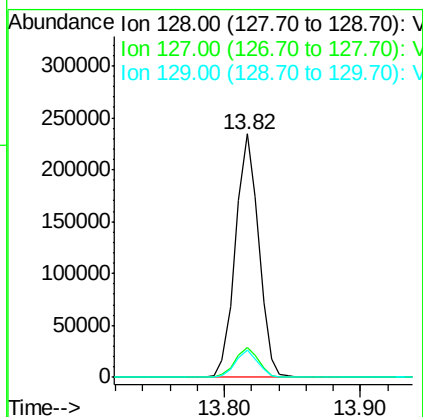
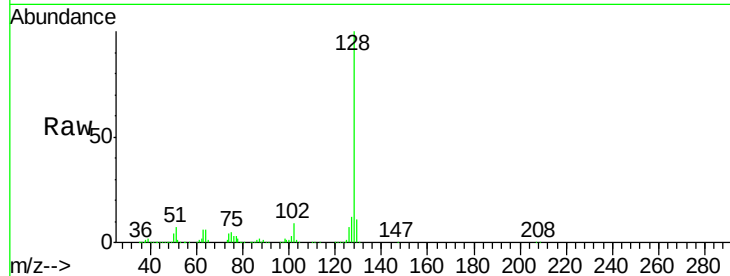
#95
Naphthalene
Concen: 19.314 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/30/2020 10:12:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.473 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017014.D
Acq: 29 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.4
145	33.2	16.6	49.7

