

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017508.D
 Acq On : 23 Jul 2020 22:26
 Operator : JC/SP
 Sample : VX0723WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:56:05 AM

Quant Time: Jul 24 06:55:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	596705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	894913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	803274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	419544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	390181	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.46	113	302321	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.70	98	936471	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
62) 4-Bromofluorobenzene	11.12	95	395457	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	92009	15.926	ug/l	94
3) Chloromethane	1.32	50	125292	17.229	ug/l	97
4) Vinyl Chloride	1.39	62	120437	16.039	ug/l	98
5) Bromomethane	1.63	94	83774	18.860	ug/l	99
6) Chloroethane	1.72	64	71619	16.790	ug/l	100
7) Trichlorofluoromethane	1.92	101	180213	15.259	ug/l	98
8) Diethyl Ether	2.17	74	67325	16.675	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94387	14.563	ug/l	98
10) Methyl Iodide	2.49	142	100315	12.098	ug/l	97
11) Tert butyl alcohol	3.01	59	142671	88.317	ug/l	100
12) 1,1-Dichloroethene	2.36	96	99201	16.095	ug/l	96
13) Acrolein	2.28	56	91568	77.158	ug/l	100
14) Allyl chloride	2.71	41	178489	15.860	ug/l	99
15) Acrylonitrile	3.12	53	285050	81.695	ug/l	99
16) Acetone	2.42	43	302535	89.677	ug/l	99
17) Carbon Disulfide	2.55	76	288950	15.424	ug/l	98
18) Methyl Acetate	2.75	43	132854	16.721	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	342013	16.033	ug/l	99
20) Methylene Chloride	2.84	84	113079	16.948	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	101587	15.386	ug/l	98
22) Diisopropyl ether	3.83	45	379573	18.446	ug/l	99
23) Vinyl Acetate	3.79	43	1729425	94.259	ug/l	99
24) 1,1-Dichloroethane	3.67	63	202365	17.072	ug/l	99
25) 2-Butanone	4.64	43	442097	92.246	ug/l	97
26) 2,2-Dichloropropane	4.56	77	148868	14.030	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	119316	16.637	ug/l	98
28) Bromochloromethane	4.98	49	113706	21.168	ug/l	99
29) Tetrahydrofuran	5.09	42	306365	103.201	ug/l	99
30) Chloroform	5.18	83	221674	18.302	ug/l	98
31) Cyclohexane	5.55	56	149802	15.847	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	196176	17.176	ug/l	99
36) 1,1-Dichloropropene	5.78	75	148126	17.258	ug/l	98
37) Ethyl Acetate	4.80	43	164218	17.487	ug/l	98
38) Carbon Tetrachloride	5.76	117	174625	16.754	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	130044	12.979	ug/l	96
40) Benzene	6.12	78	456238	18.541	ug/l	98
41) Methacrylonitrile	5.01	41	101680	18.889	ug/l	98
42) 1,2-Dichloroethane	6.17	62	190599	18.933	ug/l	97
43) Isopropyl Acetate	6.42	43	295112	19.046	ug/l	99
44) Trichloroethene	7.19	130	128353	17.849	ug/l	98
45) 1,2-Dichloropropane	7.49	63	108017	15.835	ug/l	99
46) Dibromomethane	7.64	93	76445	15.857	ug/l	97
47) Bromodichloromethane	7.87	83	162313	16.733	ug/l	96
48) Methyl methacrylate	7.74	41	124271	16.180	ug/l	95
49) 1,4-Dioxane	7.71	88	56099	380.961	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	806252	87.208	ug/l	99
52) Toluene	8.77	92	244721	15.507	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	170319	15.685	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	175155	15.814	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	110338	16.784	ug/l	95
56) Ethyl methacrylate	9.16	69	163900	16.548	ug/l	99
57) 1,3-Dichloropropane	9.35	76	183828	16.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	435448	83.451	ug/l	99
59) 2-Hexanone	9.48	43	629321	90.412	ug/l	99
60) Dibromochloromethane	9.57	129	137982	16.514	ug/l	97
61) 1,2-Dibromoethane	9.65	107	124397	17.774	ug/l	99
64) Tetrachloroethene	9.32	164	111153	15.417	ug/l	96
65) Chlorobenzene	10.12	112	283832	16.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	122089	17.399	ug/l	99
67) Ethyl Benzene	10.24	91	480848	16.567	ug/l	99
68) m/p-Xylenes	10.34	106	405790	36.090	ug/l	96
69) o-Xylene	10.68	106	175688	16.246	ug/l	100
70) Styrene	10.70	104	306940	16.683	ug/l	100
71) Bromoform	10.84	173	107358	17.659	ug/l #	100
73) Isopropylbenzene	11.00	105	471798	16.392	ug/l	99
74) N-amyl acetate	10.88	43	227217	17.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	164582	18.320	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	178215m	20.650	ug/l	
77) Bromobenzene	11.24	156	138323	17.167	ug/l	98
78) n-propylbenzene	11.34	91	565754	17.429	ug/l	98
79) 2-Chlorotoluene	11.40	91	345972	17.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	414789	16.879	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	53668	15.670	ug/l	94
82) 4-Chlorotoluene	11.49	91	405213	17.083	ug/l	97
83) tert-Butylbenzene	11.76	119	404115	17.186	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	430268	17.604	ug/l	98
85) sec-Butylbenzene	11.93	105	445789	16.275	ug/l	98
86) p-Isopropyltoluene	12.05	119	406527	15.585	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	228372	16.505	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	228201	15.922	ug/l	98
89) n-Butylbenzene	12.37	91	341545	14.694	ug/l	98
90) Hexachloroethane	12.58	117	77625	15.094	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	223381	16.426	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42086	18.288	ug/l	99

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ClientSampleId :
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QLast Update : Fri Jul 24 05:48:09 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	156657	16.879	ug/l	98
94) Hexachlorobutadiene	13.77	225	60201	14.091	ug/l	95
95) Naphthalene	13.82	128	483357	17.446	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	147358	16.080	ug/l	97

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

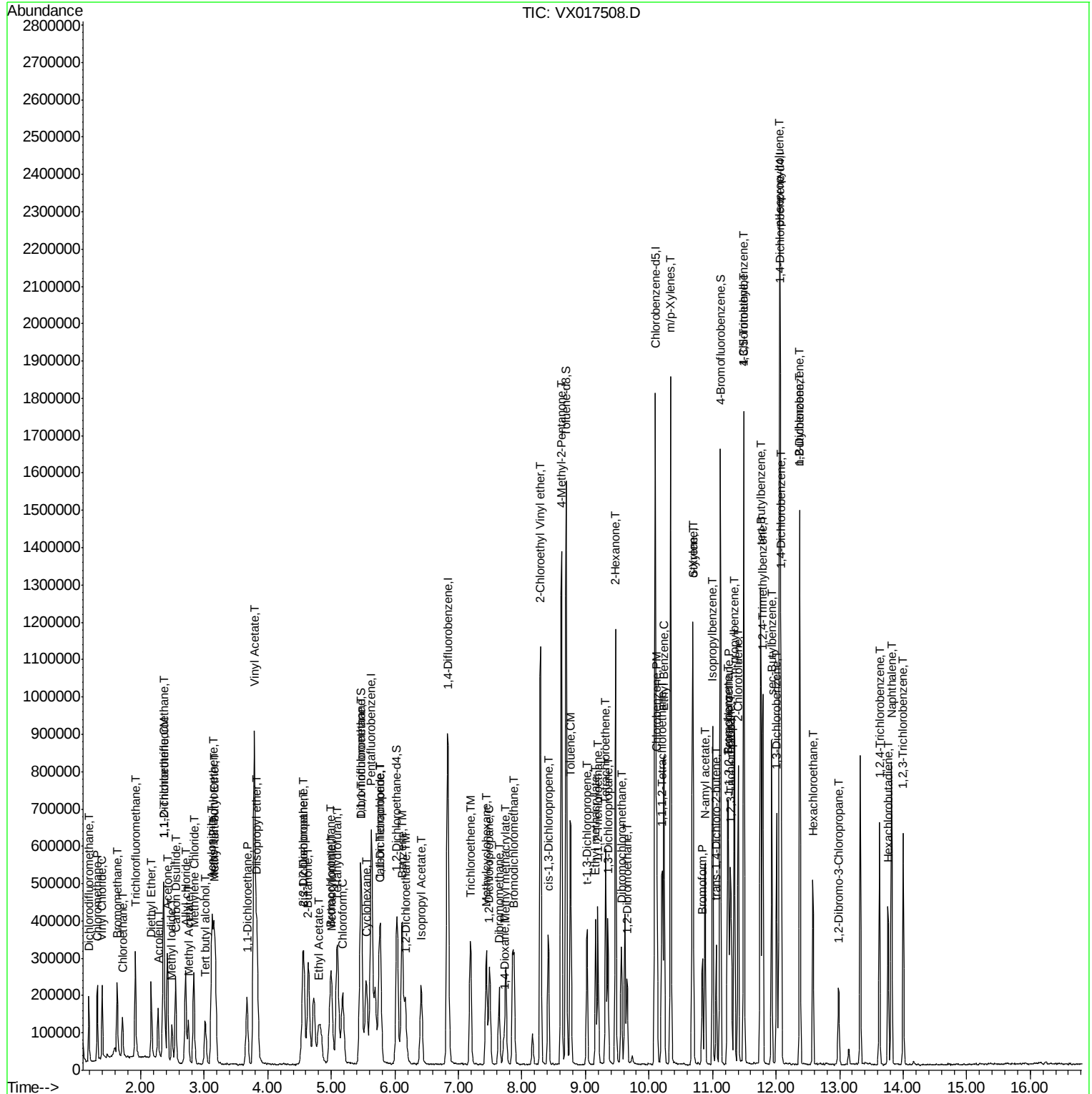
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Data File : VX017508.D
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Operator : JC/SP
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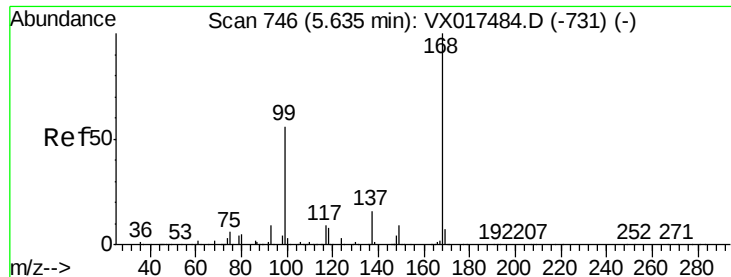
Instrument :
MSVOA_X
Client Sample ID :
VX0723WBS02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion:168 Resp: 596705

Ion Ratio Lower Upper

168 100

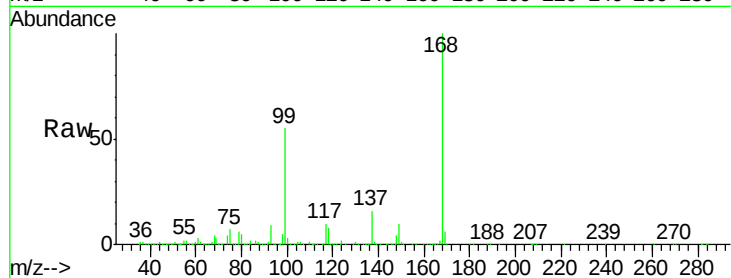
99 54.9 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

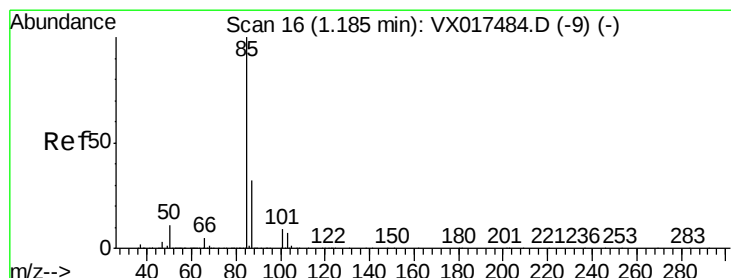
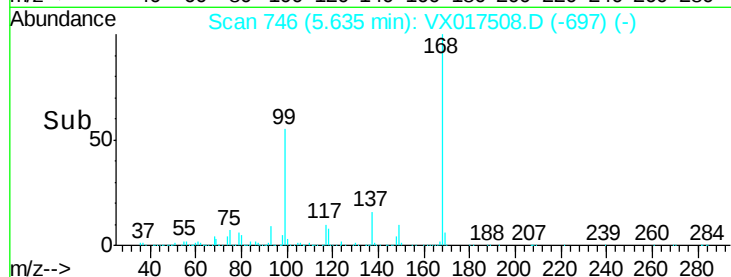
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.926 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017508.D

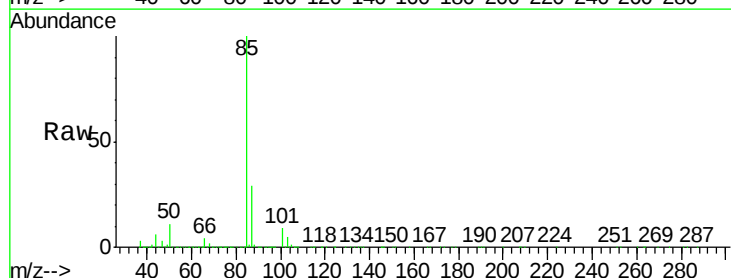
Acq: 23 Jul 2020 22:26

Tgt Ion: 85 Resp: 92009

Ion Ratio Lower Upper

85 100

87 28.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

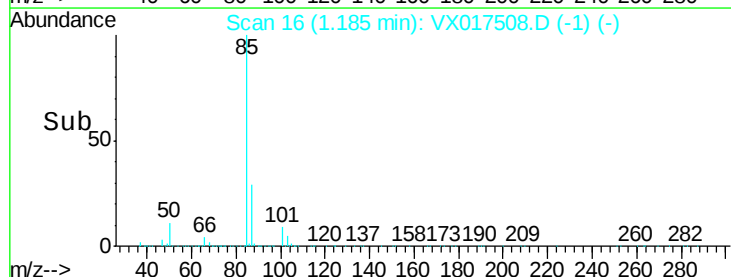
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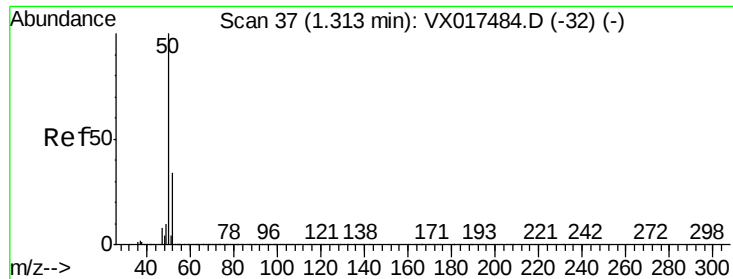
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.229 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 50 Resp: 125292

Ion Ratio Lower Upper

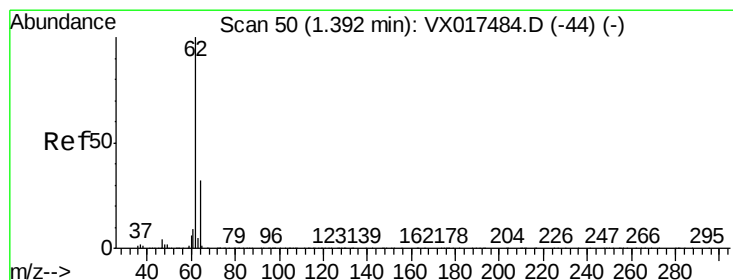
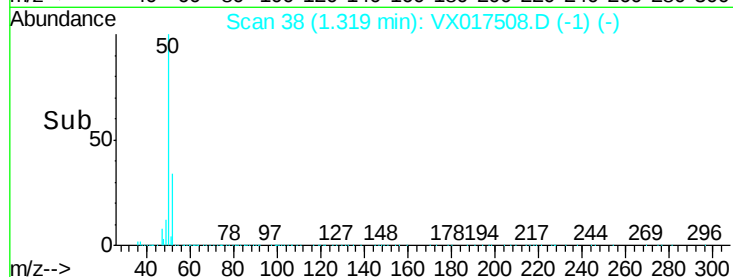
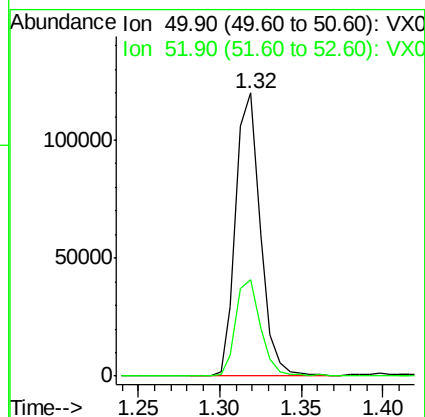
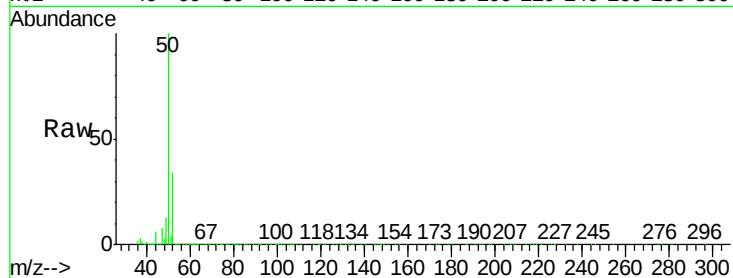
50 100

52 34.0 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.039 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017508.D

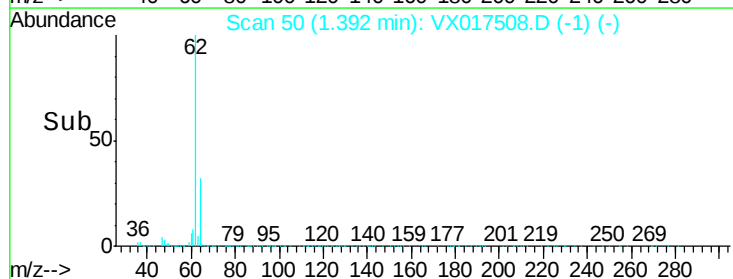
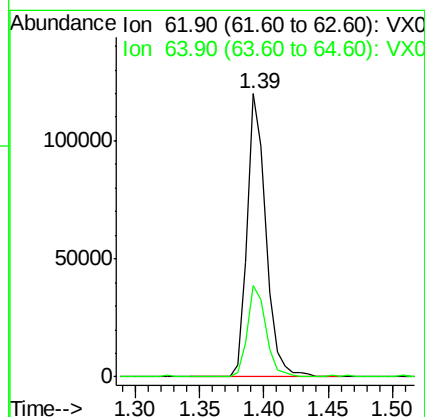
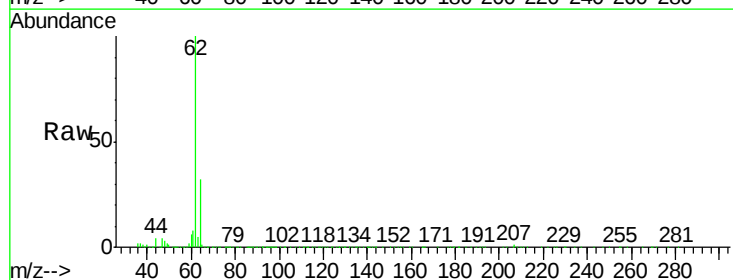
Acq: 23 Jul 2020 22:26

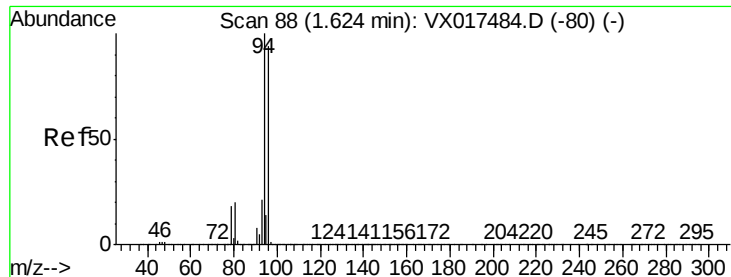
Tgt Ion: 62 Resp: 120437

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 18.860 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

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ClientSampleId :

VX0723WBS02

Tot Ion: 94 Resp: 83774

Ion Ratio Lower Upper

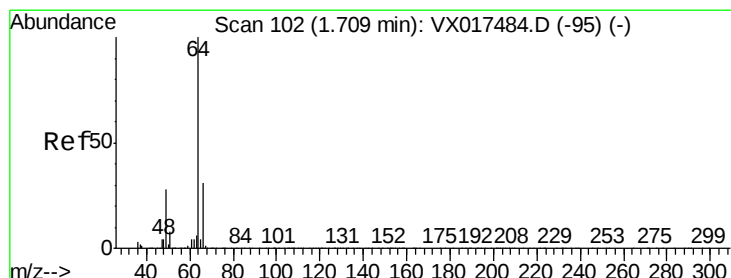
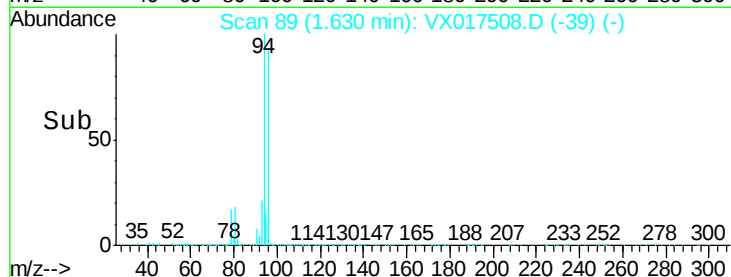
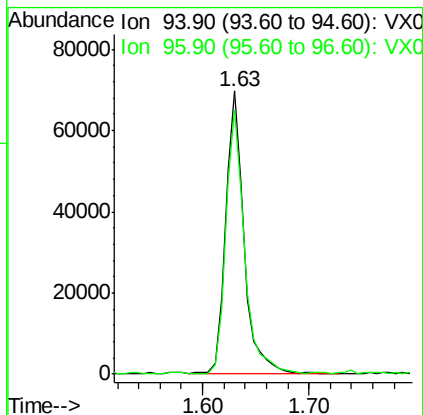
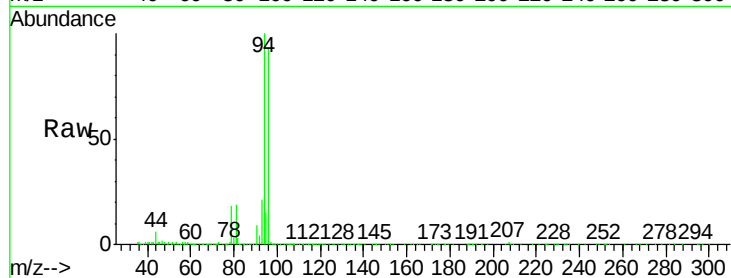
94 100

96 93.1 74.1 111.1

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#6

Chloroethane

Concen: 16.790 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017508.D

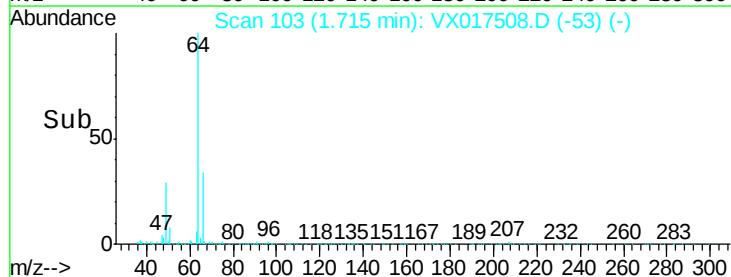
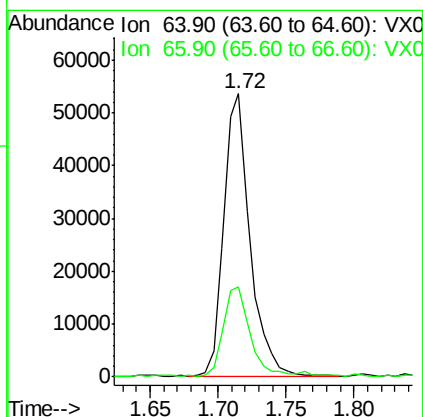
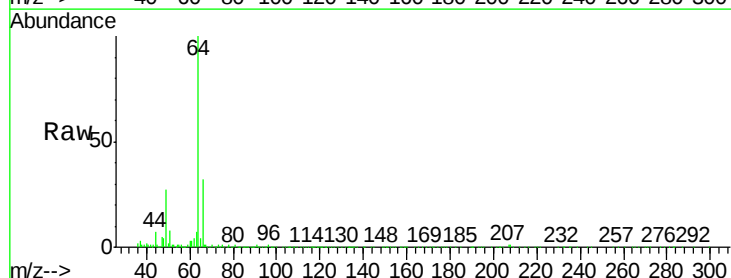
Acq: 23 Jul 2020 22:26

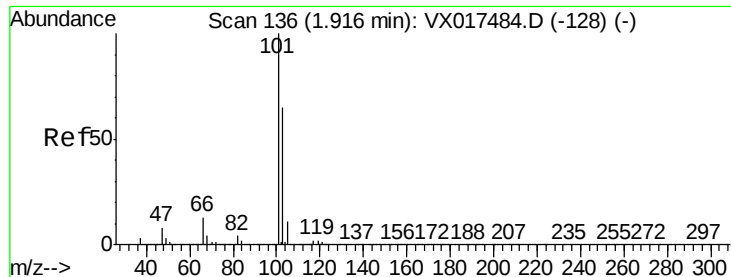
Tgt Ion: 64 Resp: 71619

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3





#7

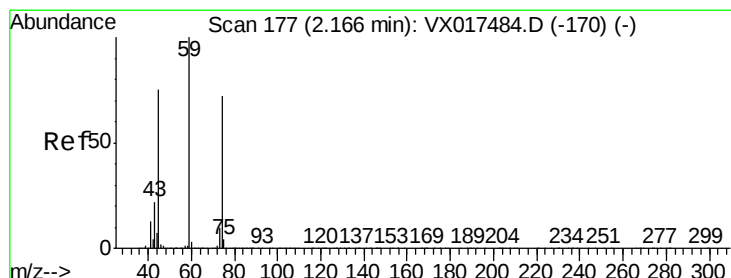
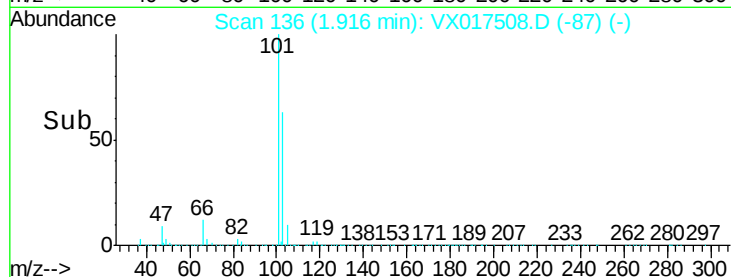
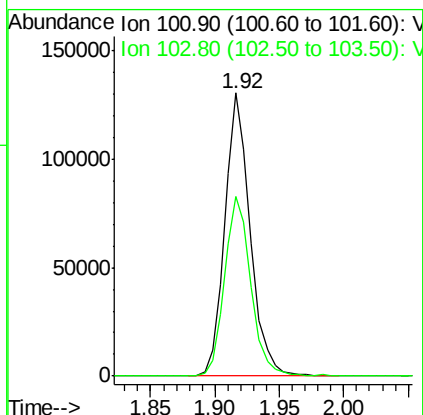
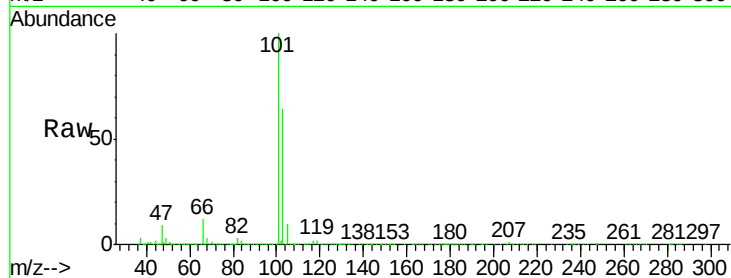
Trichlorofluoromethane
Concen: 15.259 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017508.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		180213		
103	63.5	51.8	77.8		

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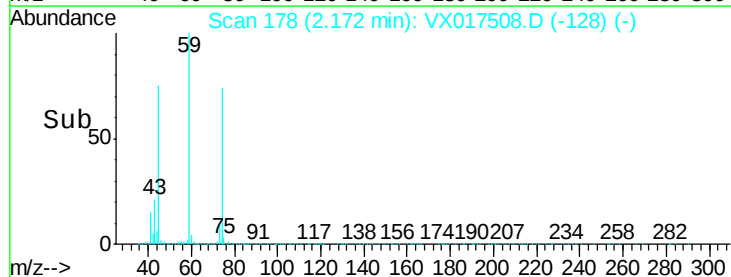
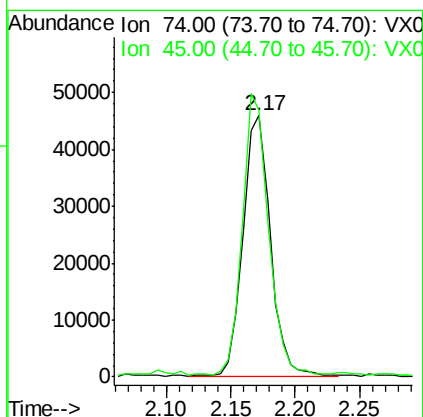
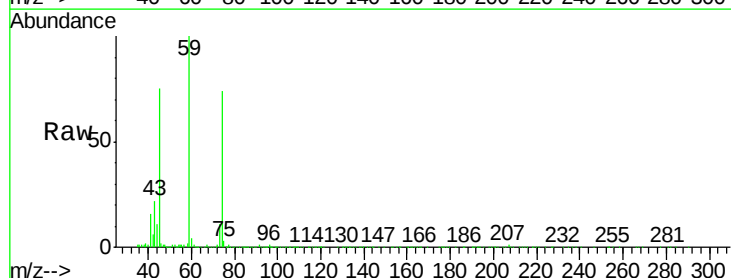
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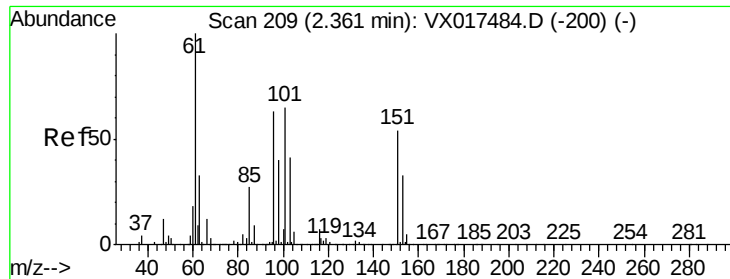


#8

Diethyl Ether
Concen: 16.675 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017508.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		67325		
45	103.3	50.8	152.5		





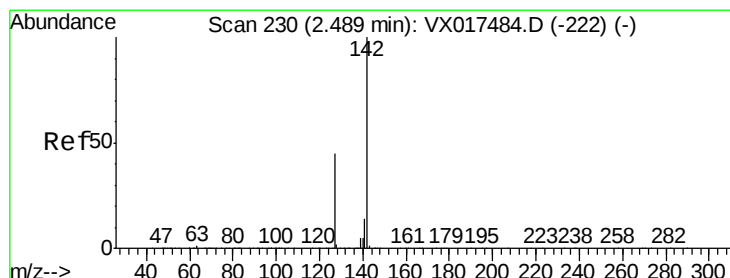
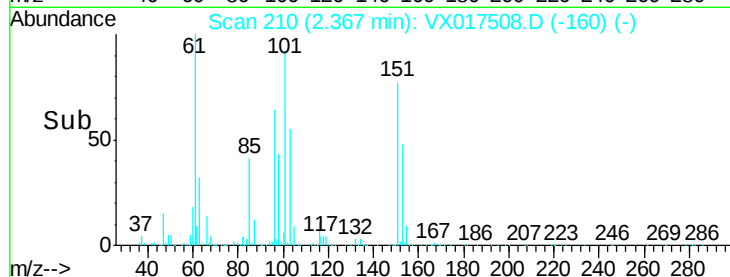
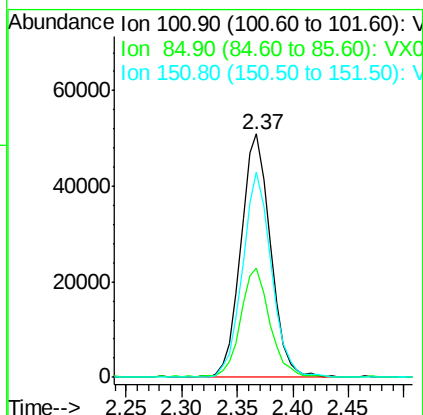
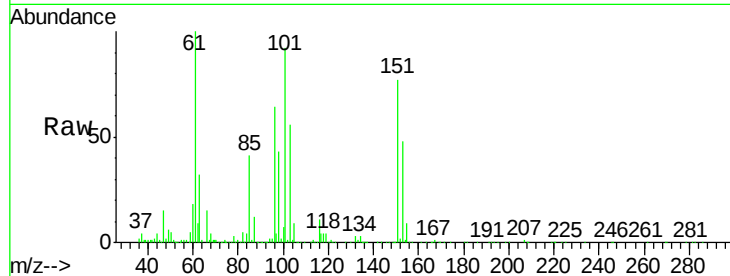
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.563 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	94387		
85	44.7	34.8	52.2	
151	82.5	68.0	102.0	

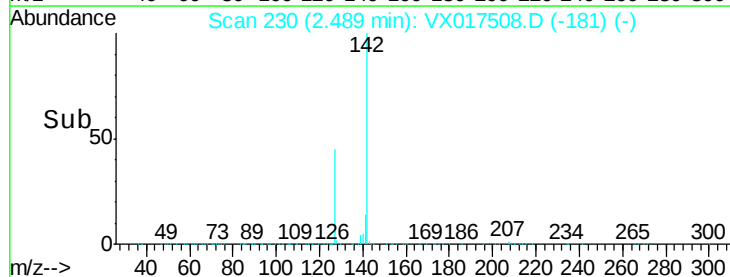
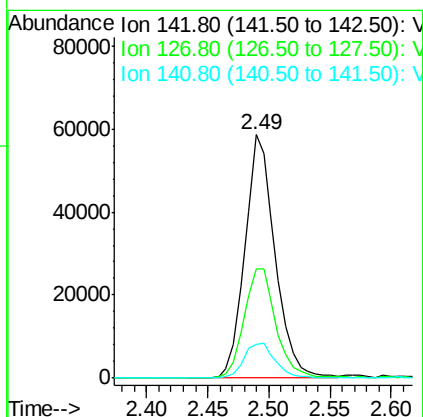
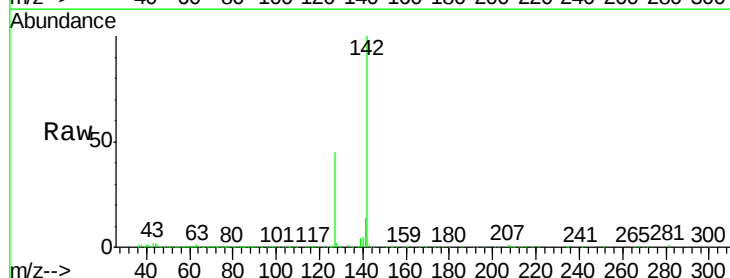
Manual Integrations
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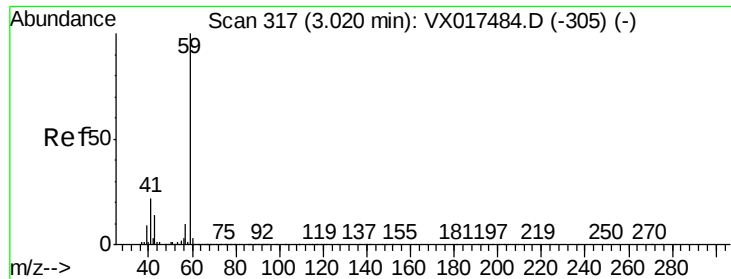
MMDadoda
7/24/2020 9:56:05 AM



#10
Methyl Iodide
Concen: 12.098 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	100315		
127	47.3	35.9	53.9	
141	15.2	11.4	17.0	





#11

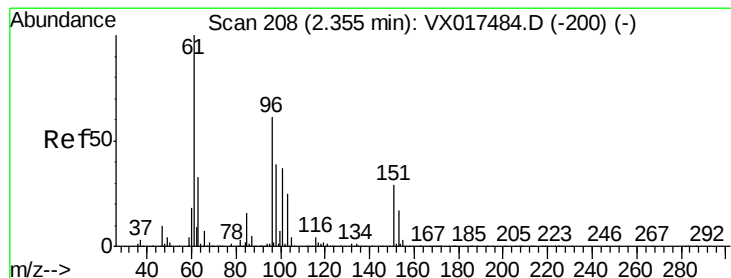
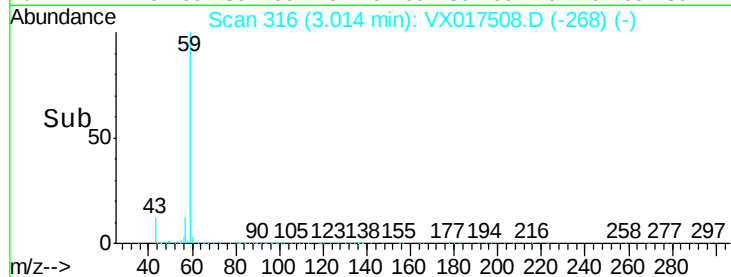
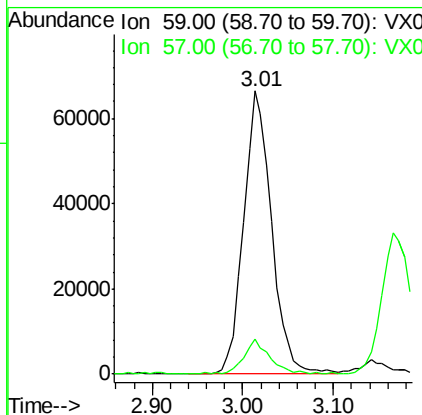
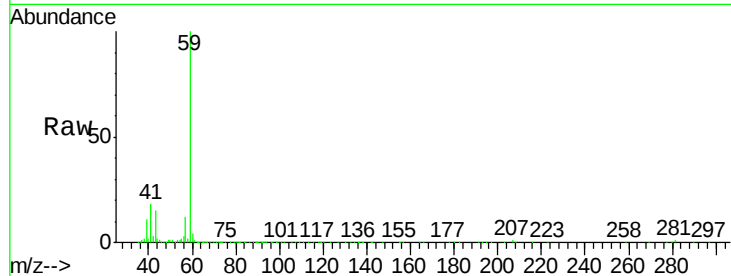
Tert butyl alcohol
Concen: 88.317 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.8	8.6	12.8

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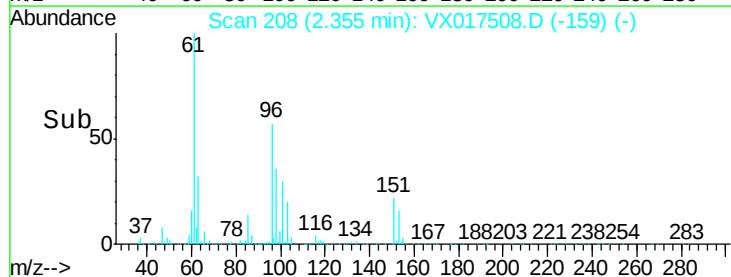
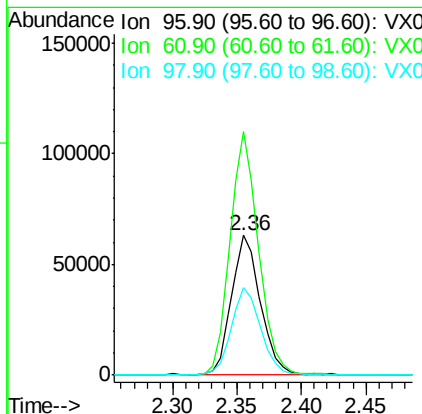
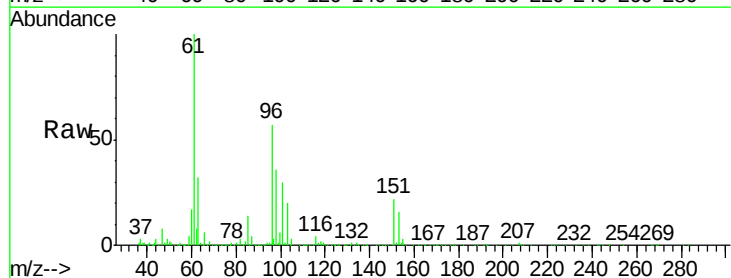
MMDadoda
7/24/2020 9:56:05 AM

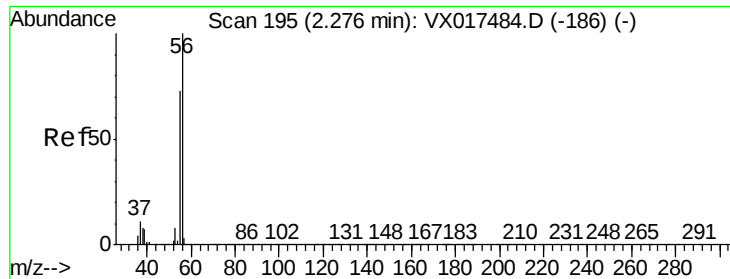


#12

1,1-Dichloroethene
Concen: 16.095 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	174.4	134.0	201.0
98	98	63.0	51.0	76.4





#13

Acrolein

Concen: 77.158 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 56 Resp: 91568

Ion Ratio Lower Upper

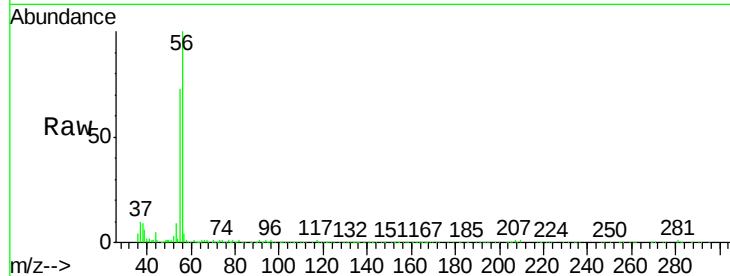
56 100

55 71.9 57.4 86.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

40000

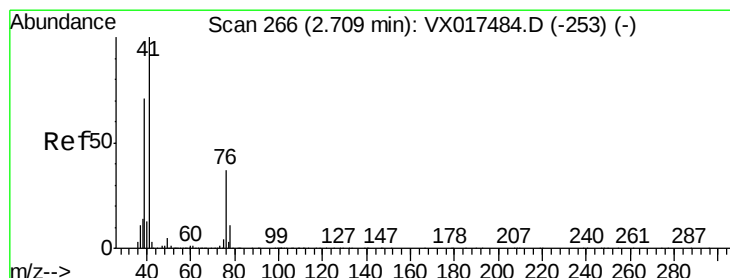
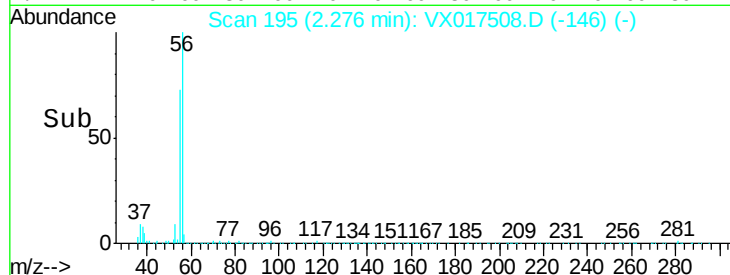
20000

0

2.28

2.20 2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 15.860 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

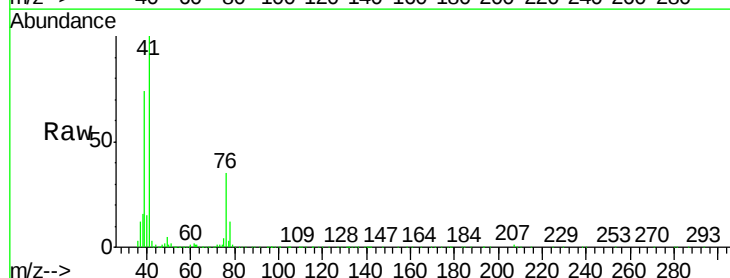
Tgt Ion: 41 Resp: 178489

Ion Ratio Lower Upper

41 100

39 66.2 51.9 77.9

76 31.3 25.5 38.3



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

120000

100000

80000

60000

40000

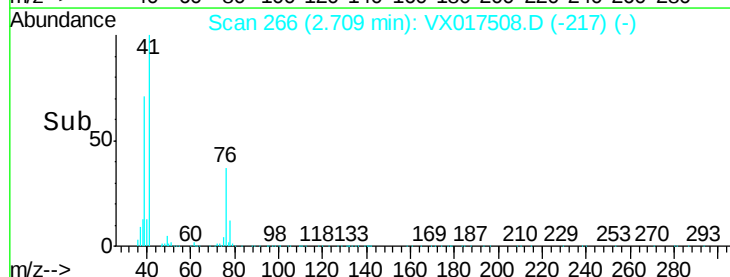
20000

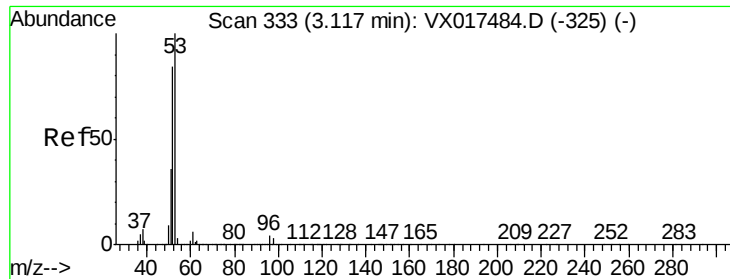
0

2.71

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 81.695 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

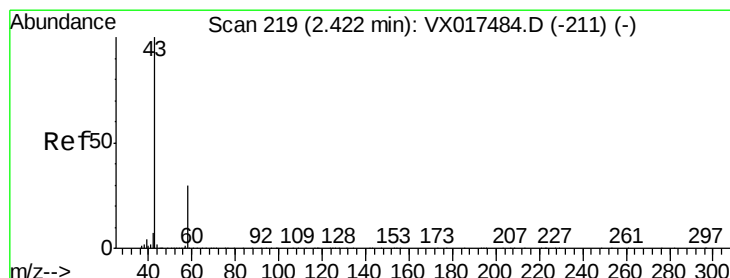
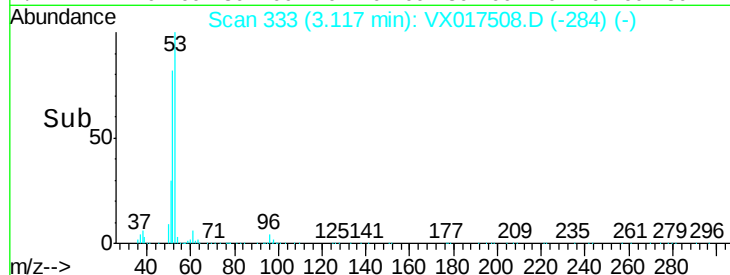
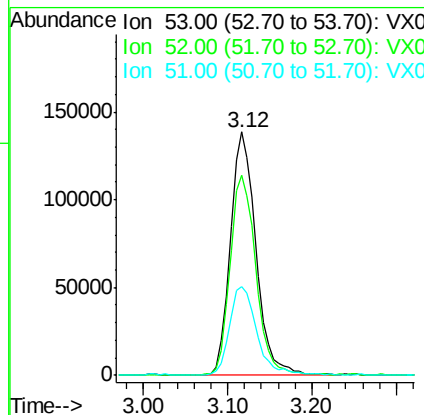
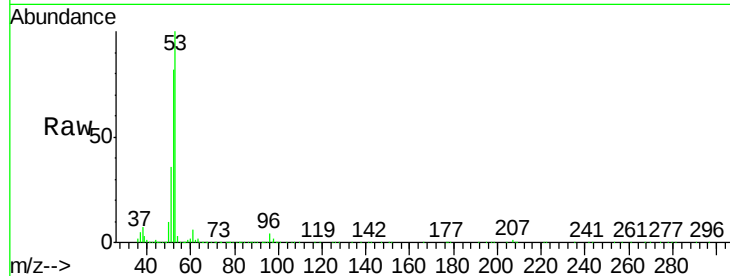
ClientSampleId :

VX0723WBS02

Tot Ion:	53	Resp:	285050
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.6	99.8
51	38.8	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 89.677 ug/l

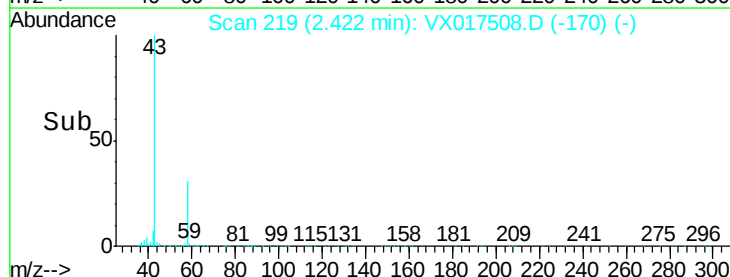
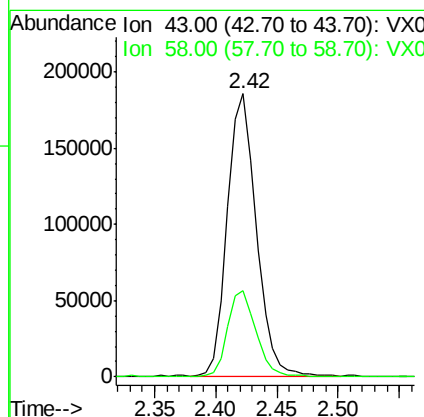
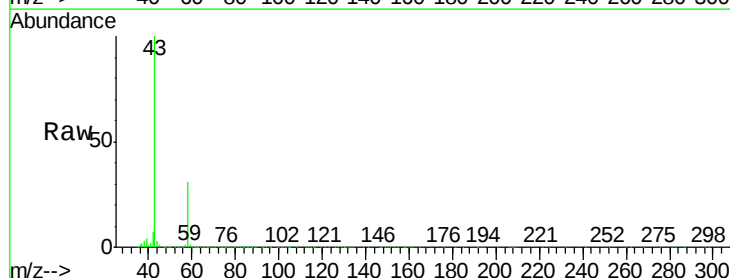
RT: 2.42 min Scan# 219

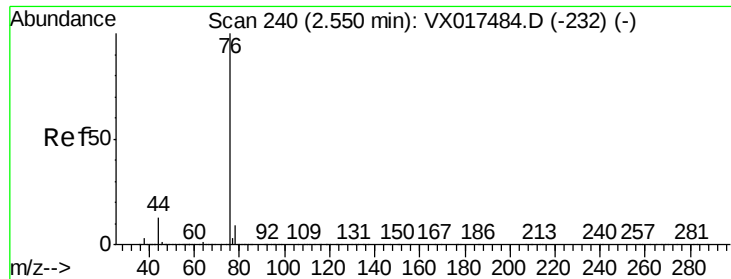
Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion:	43	Resp:	302535
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.2	36.4





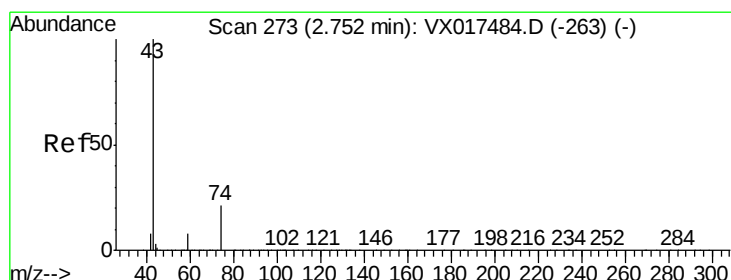
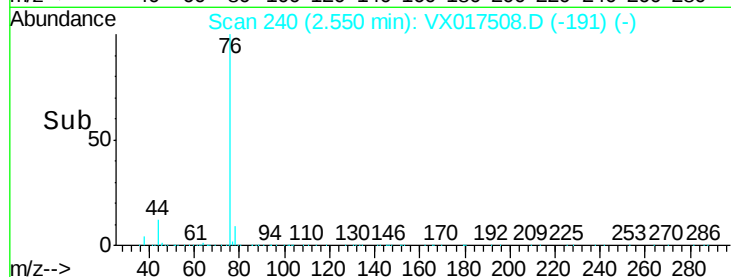
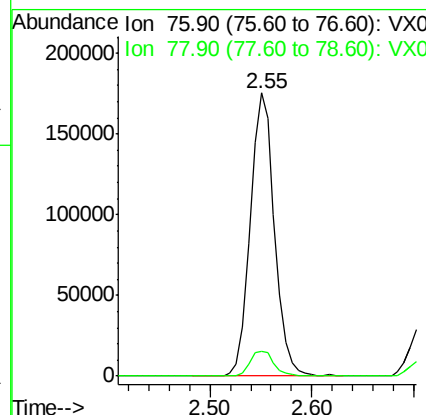
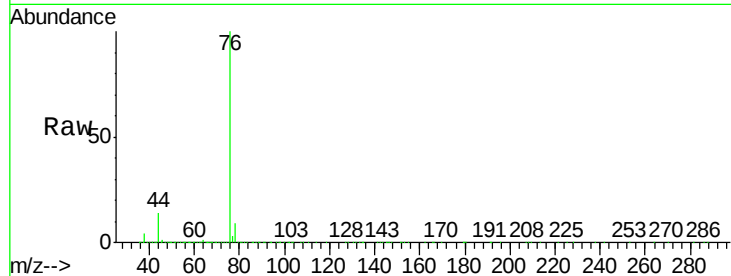
#17
Carbon Disulfide
Concen: 15.424 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

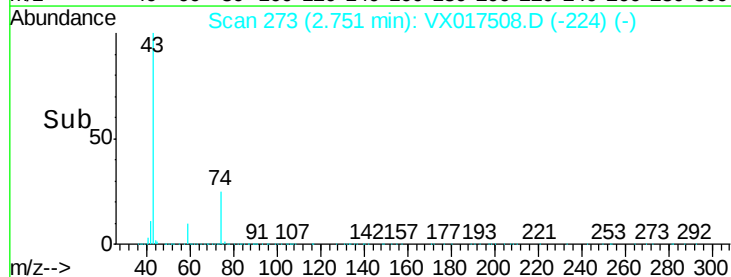
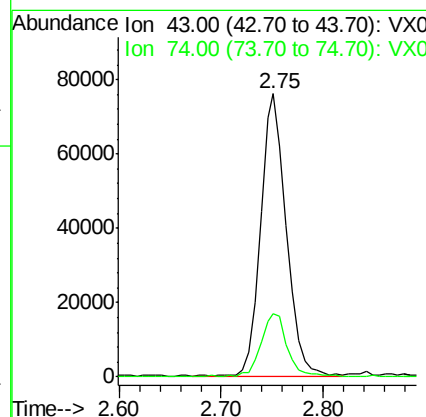
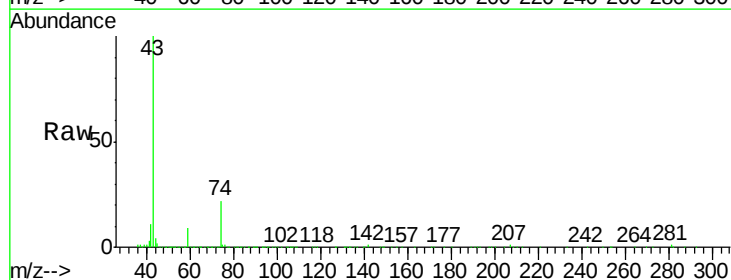
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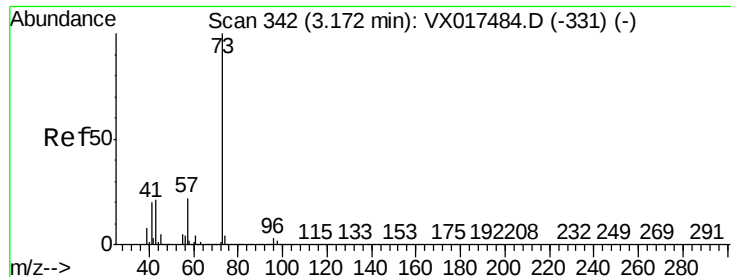
MMDadoda
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#18
Methyl Acetate
Concen: 16.721 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	17.5	26.3





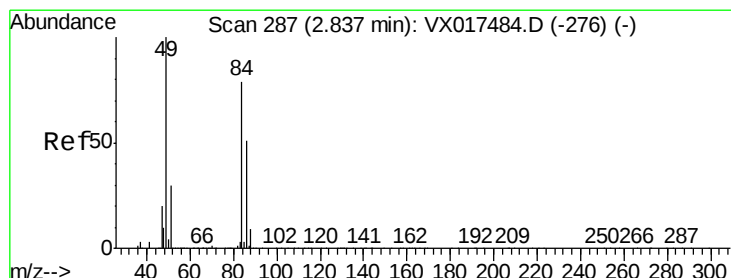
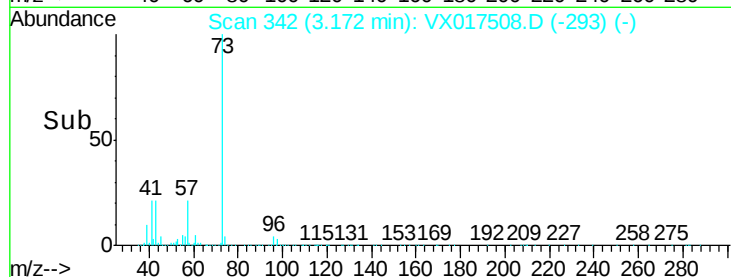
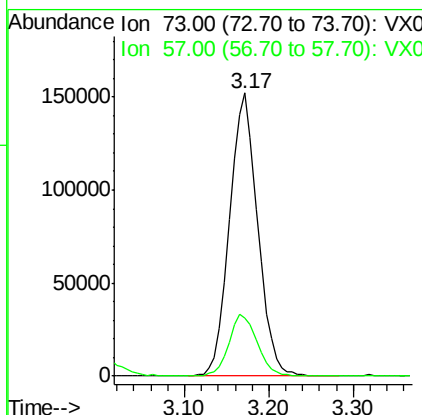
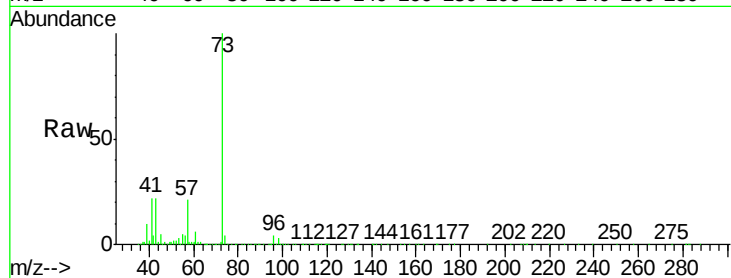
#19
Methyl tert-butyl Ether
Concen: 16.033 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.0	25.4

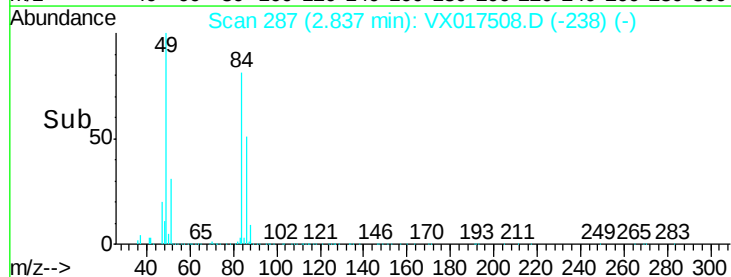
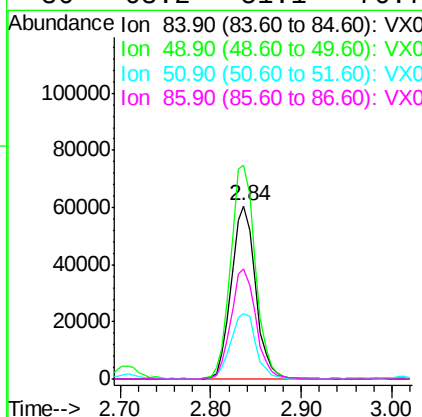
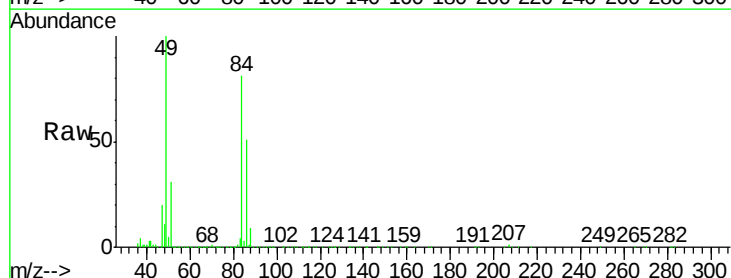
Manual Integrations
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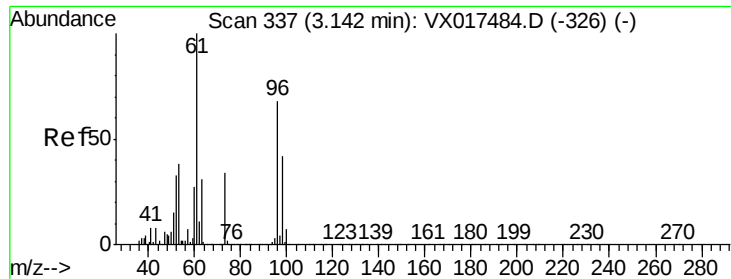
MMDadoda
7/24/2020 9:56:05 AM



#20
Methylene Chloride
Concen: 16.948 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	100.3	150.5
51	37.7	30.5	45.7
86	63.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 15.386 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

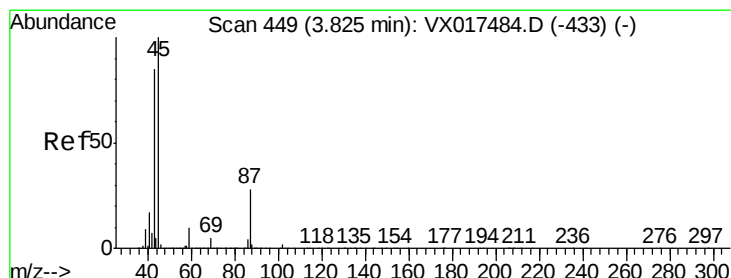
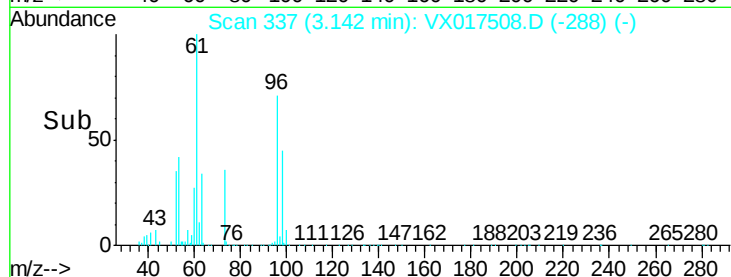
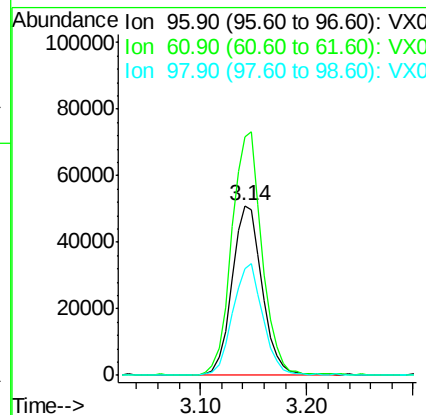
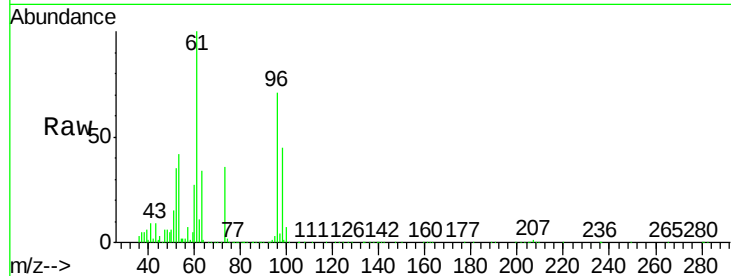
ClientSampleId :

VX0723WBS02

Tot Ion:	96	Resp:	101587
Ion Ratio	Lower	Upper	
96	100		
61	139.8	113.0	169.4
98	62.5	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.446 ug/l

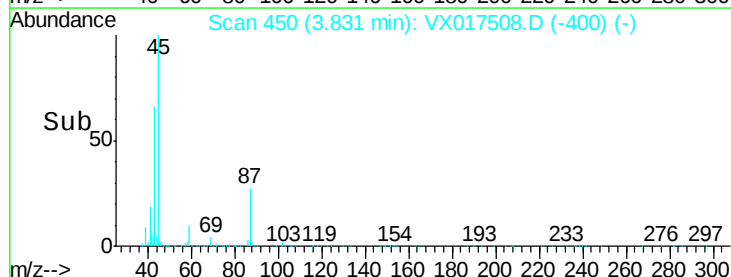
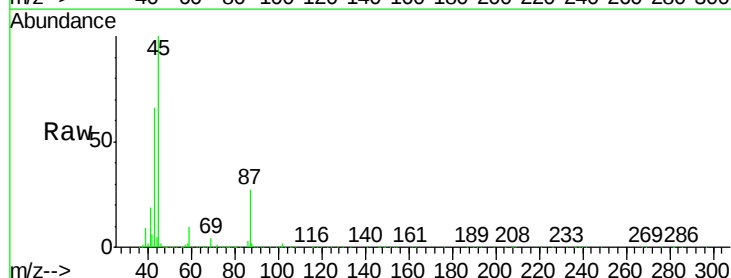
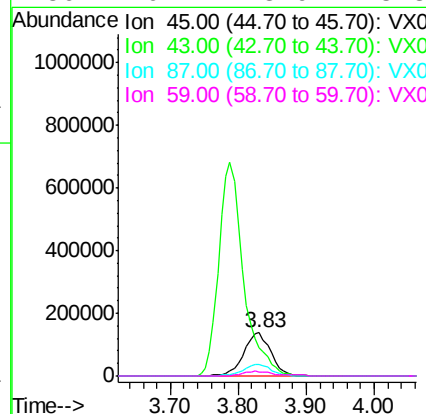
RT: 3.83 min Scan# 450

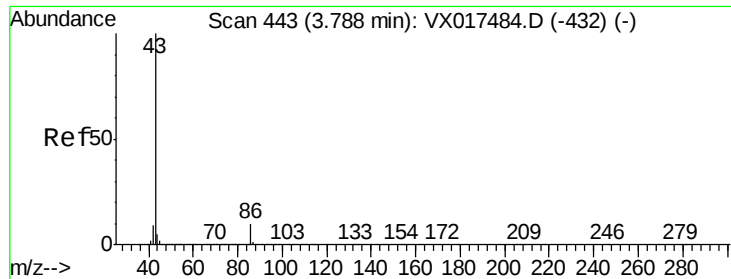
Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion:	45	Resp:	379573
Ion Ratio	Lower	Upper	
45	100		
43	65.5	52.0	78.0
87	26.9	22.2	33.4
59	10.2	8.9	13.3





#23

Vinyl Acetate

Concen: 94.259 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 43 Resp: 1729425

Ion Ratio Lower Upper

43 100

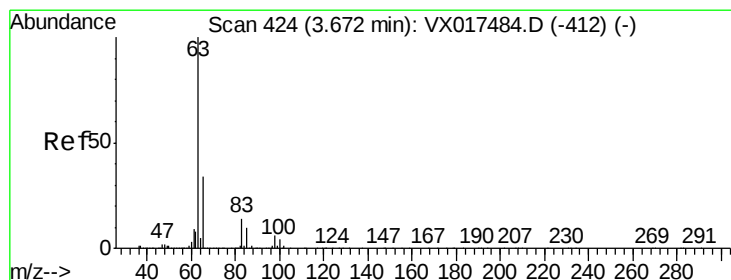
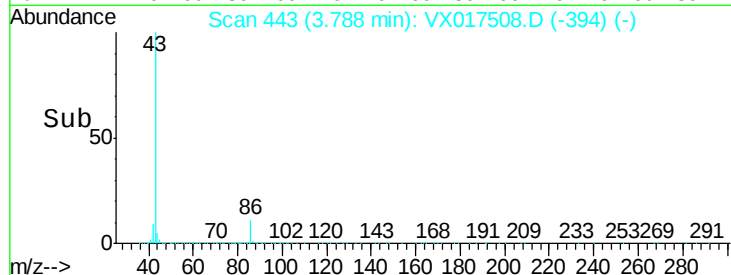
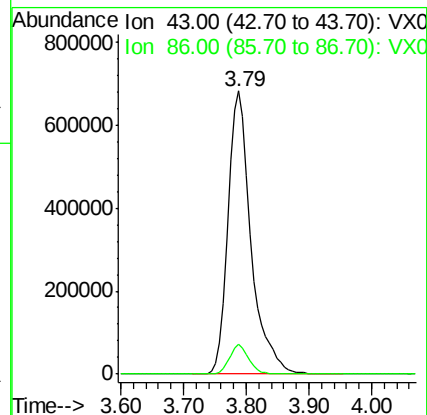
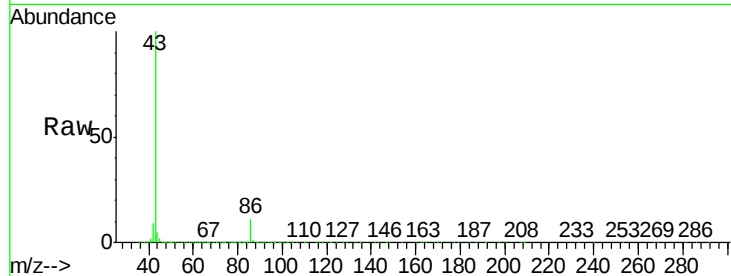
86 10.5 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 17.072 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

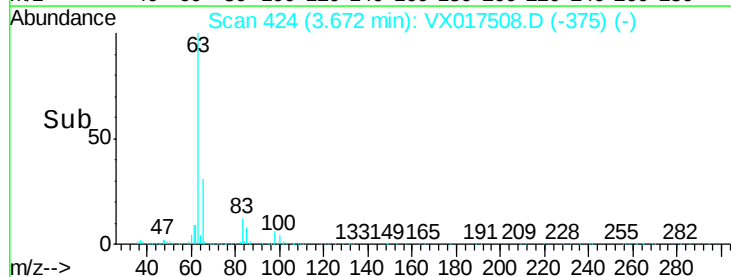
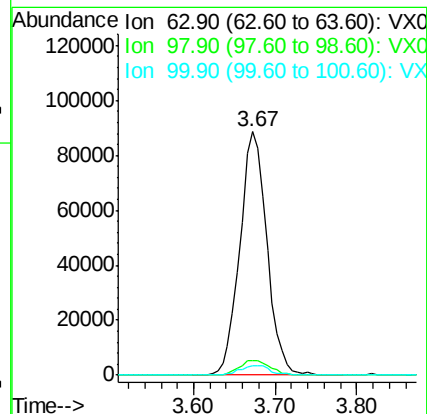
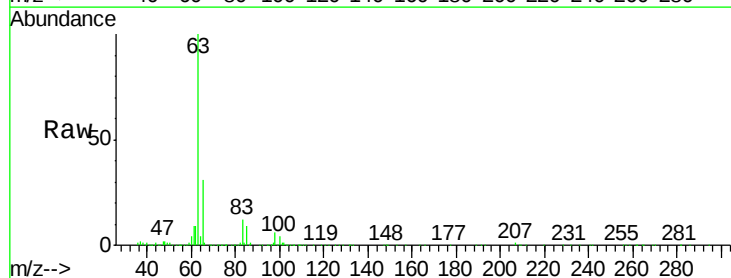
Tgt Ion: 63 Resp: 202365

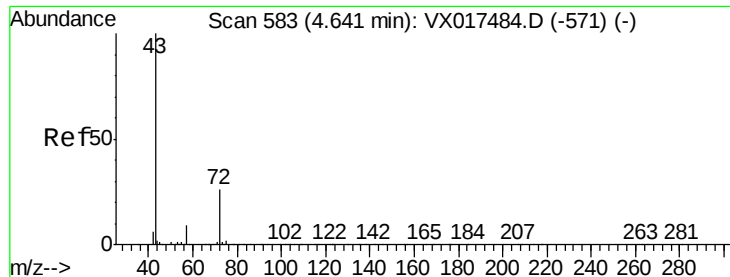
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.1

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 92.246 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 43 Resp: 442097

Ion Ratio Lower Upper

43 100

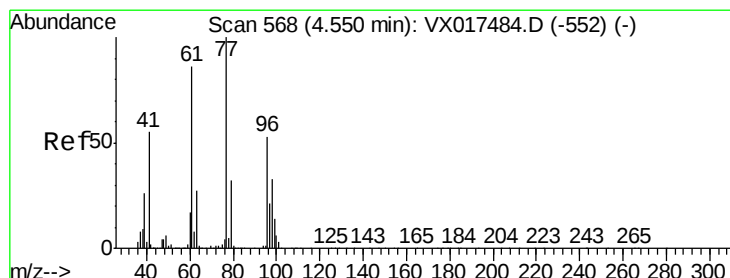
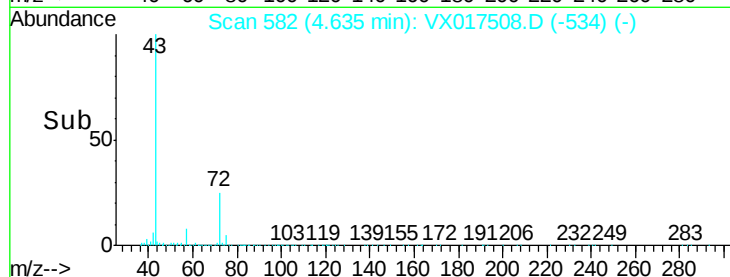
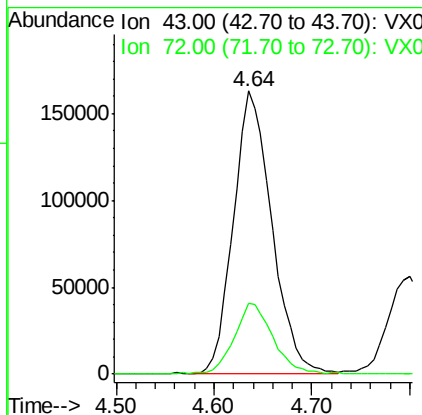
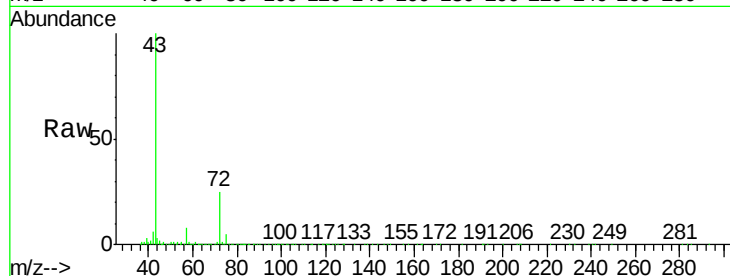
72 25.0 19.0 28.4

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7/24/2020 9:56:05 AM



#26

2,2-Dichloropropane

Concen: 14.030 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017508.D

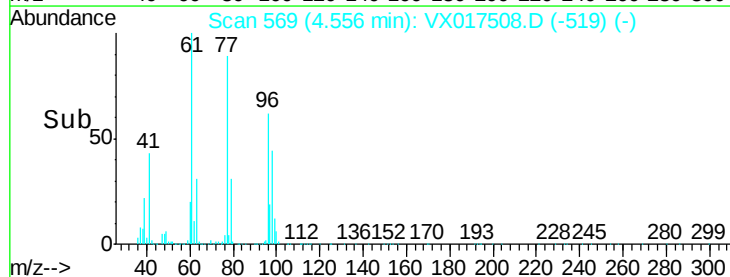
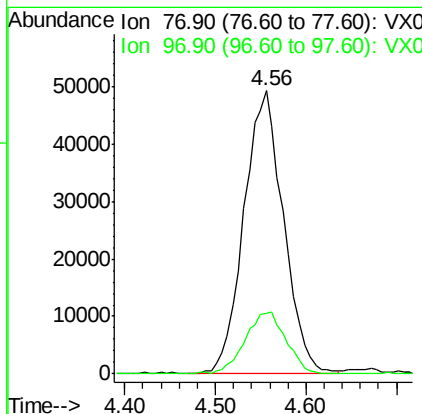
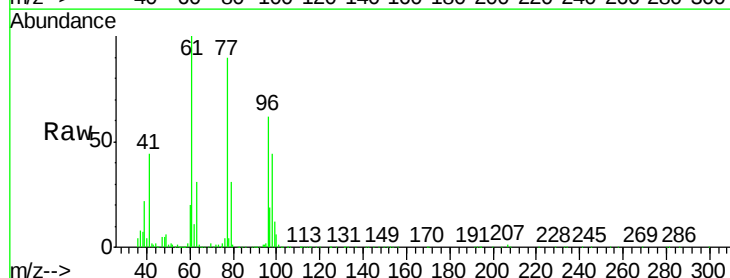
Acq: 23 Jul 2020 22:26

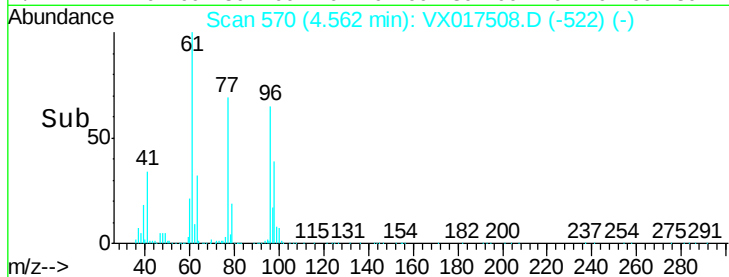
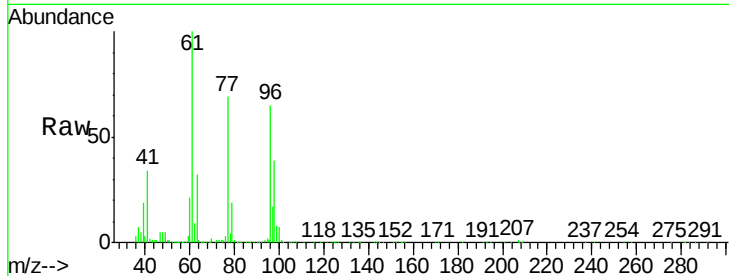
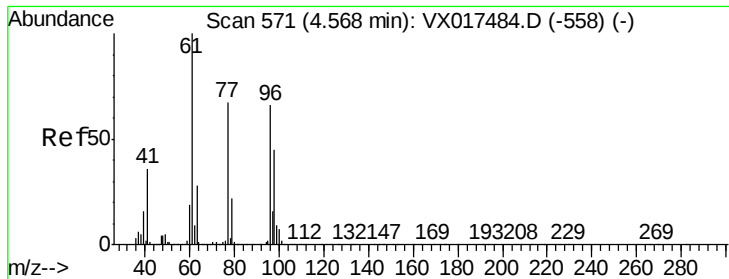
Tgt Ion: 77 Resp: 148868

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 16.637 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017508.D

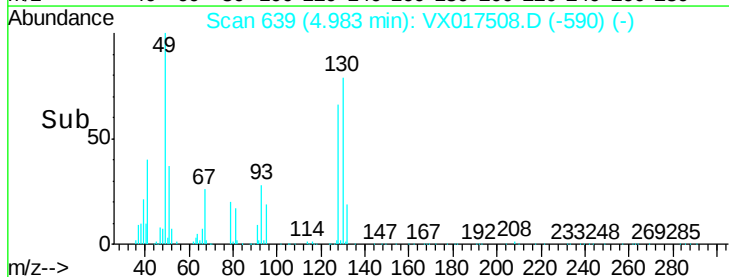
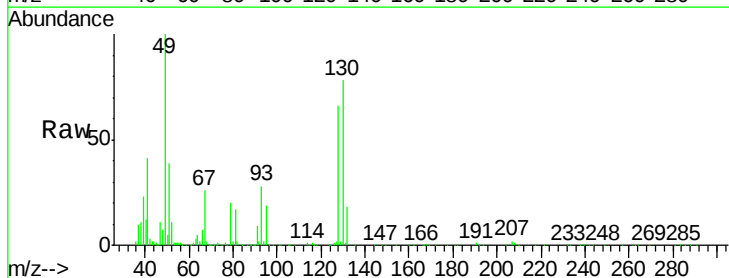
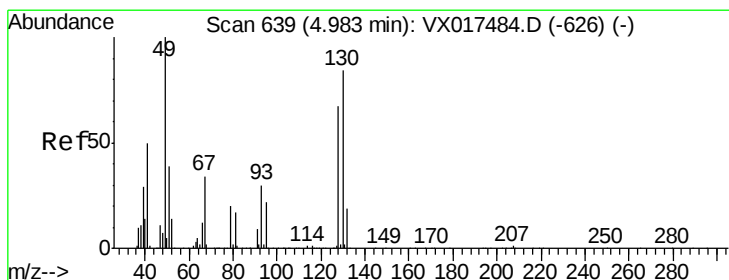
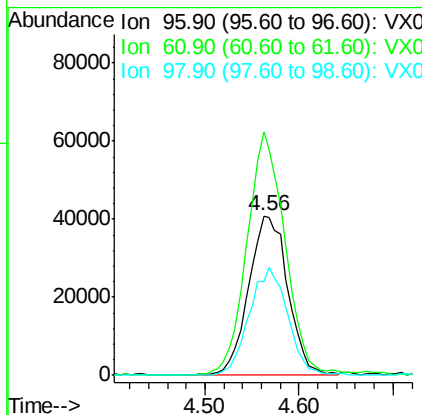
Acq: 23 Jul 2020 22:26

Tot Ion:	96	Resp:	119316
Ion Ratio	Lower	Upper	
96	100		
61	148.2	0.0	301.2
98	65.7	0.0	130.0

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Manual Integrations
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#28

Bromochloromethane

Concen: 21.168 ug/l

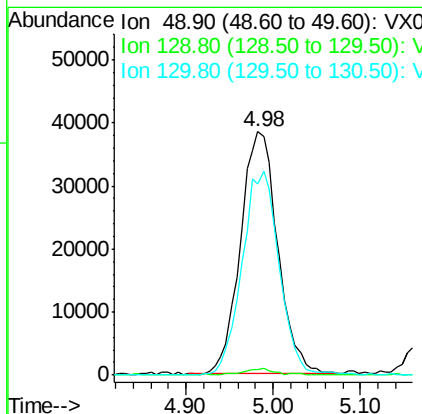
RT: 4.98 min Scan# 639

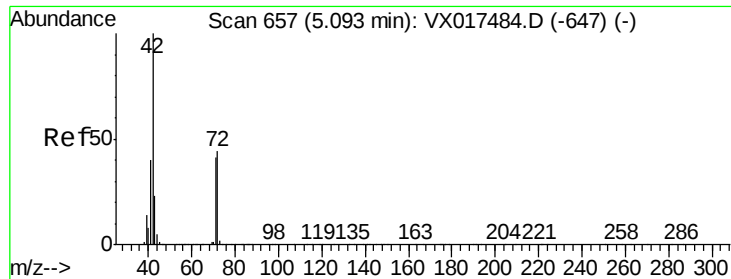
Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion:	49	Resp:	113706
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.6
130	84.4	66.7	100.1





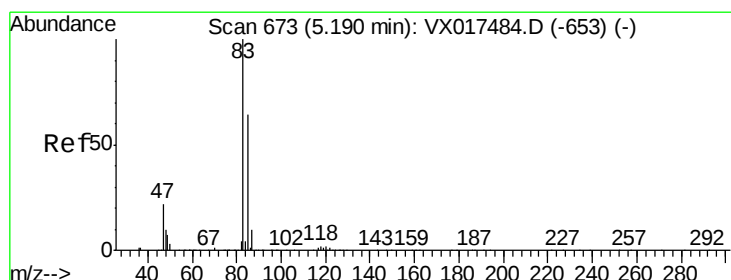
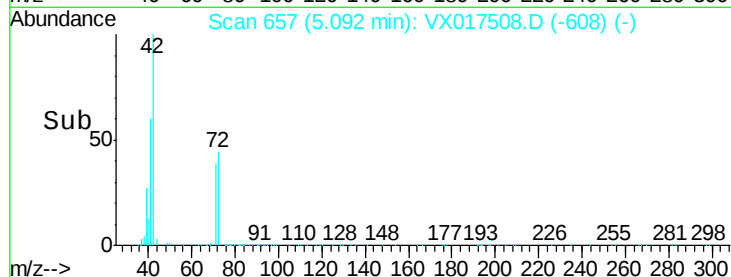
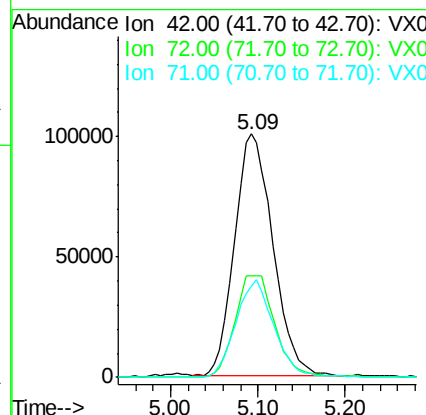
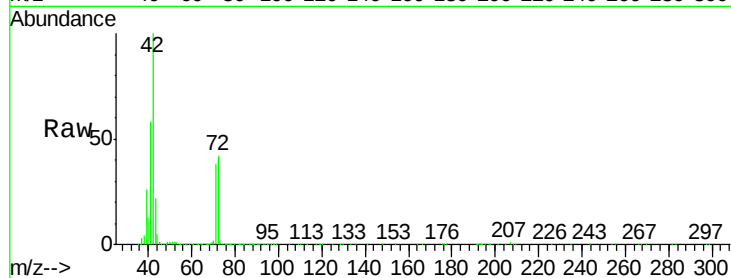
#29
Tetrahydrofuran
Concen: 103.201 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.5	53.3
71	39.8	33.0	49.4

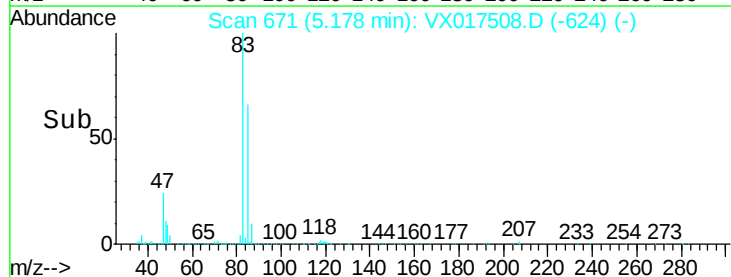
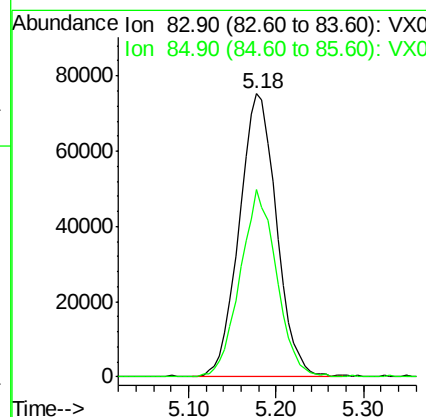
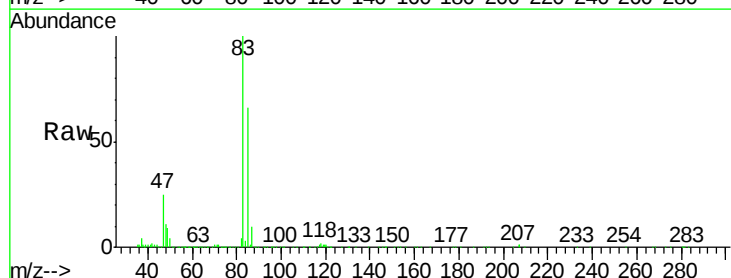
Manual Integrations
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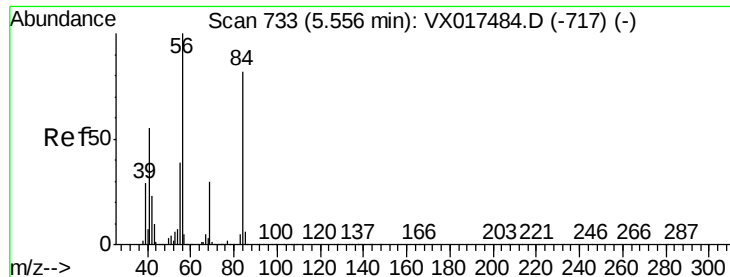
MMDadoda
7/24/2020 9:56:05 AM



#30
Chloroform
Concen: 18.302 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.2





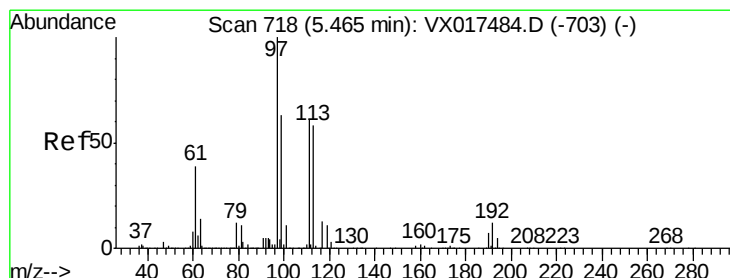
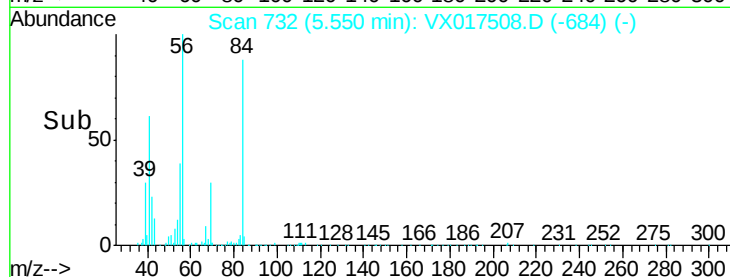
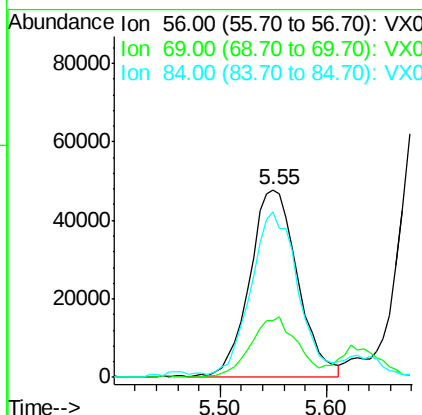
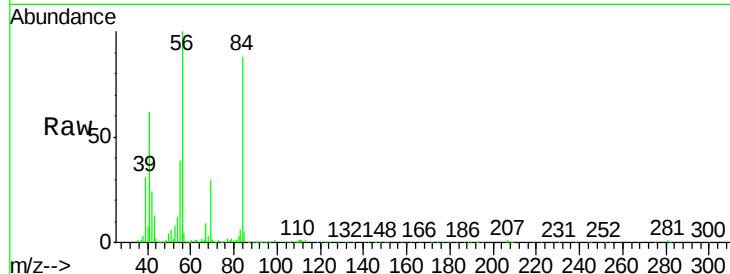
#31
Cyclohexane
Concen: 15.847 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.2	36.4
84	87.1	69.0	103.6

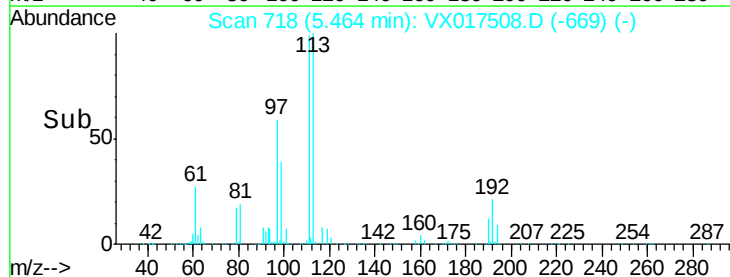
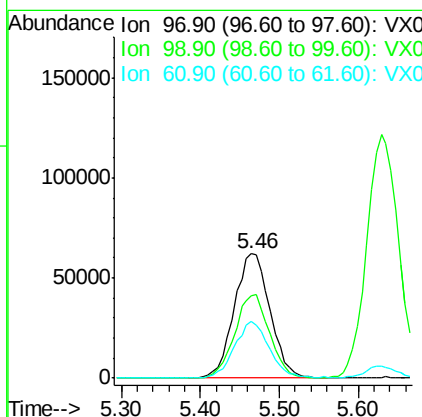
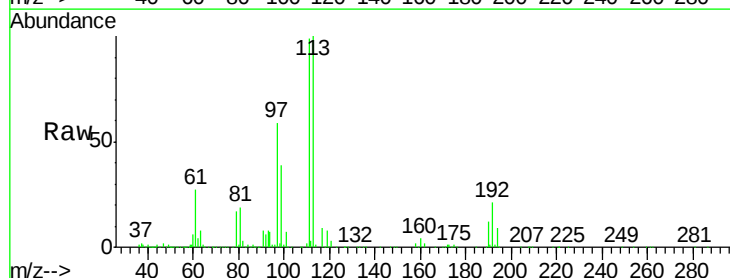
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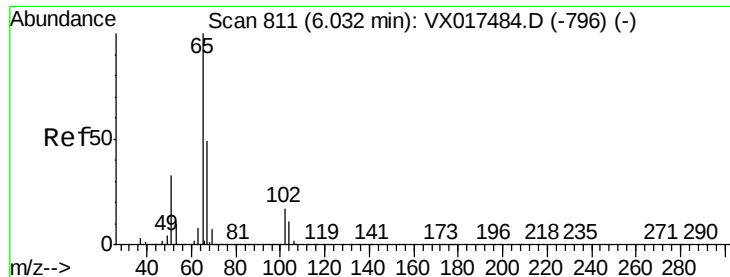
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.176 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.9	77.9
61	43.8	34.1	51.1





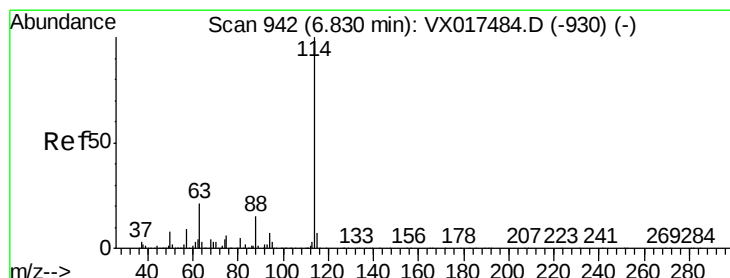
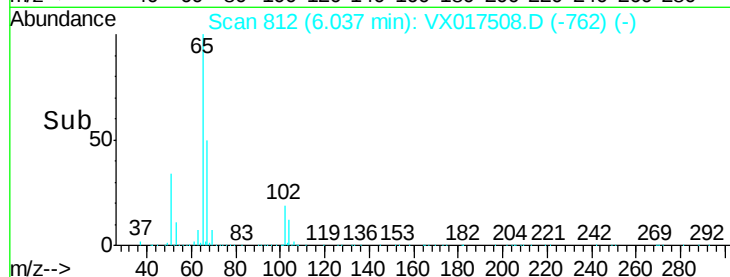
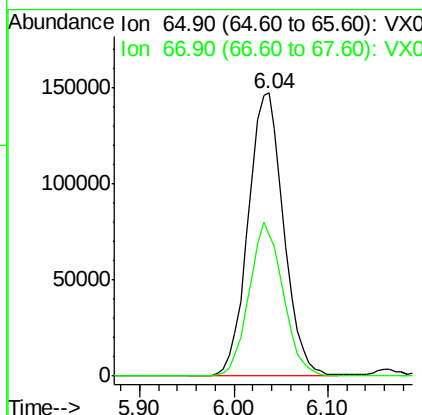
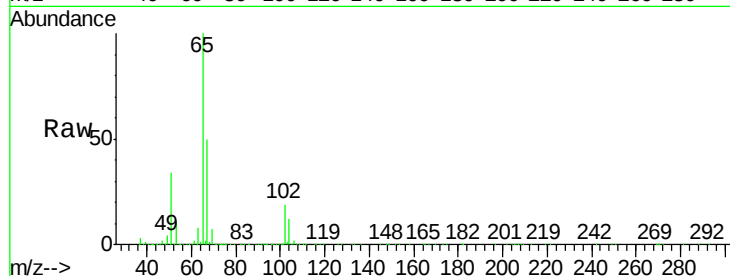
#33
 1,2-Dichloroethane-d4
 Concen: 50.905 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	390181		
67	51.7	0.0	102.8	

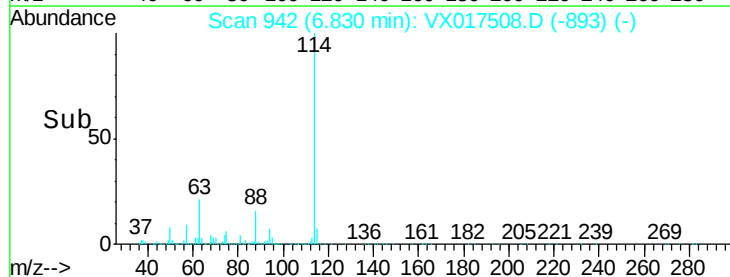
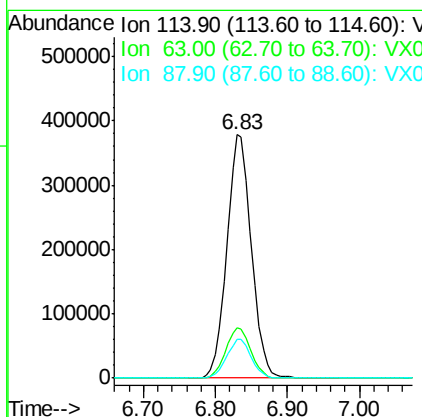
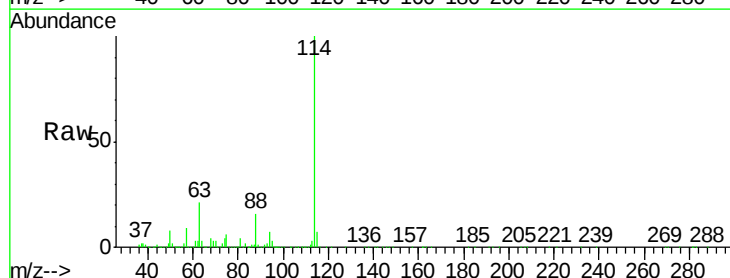
Manual Integrations
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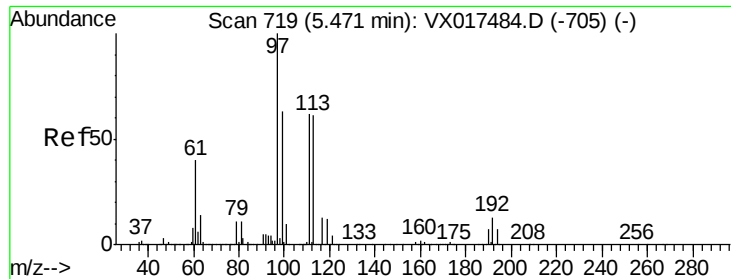
MMDadoda
 7/24/2020 9:56:05 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	894913		
63	20.7	0.0	40.6	
88	16.1	0.0	33.4	





#35

Dibromofluoromethane

Concen: 50.511 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

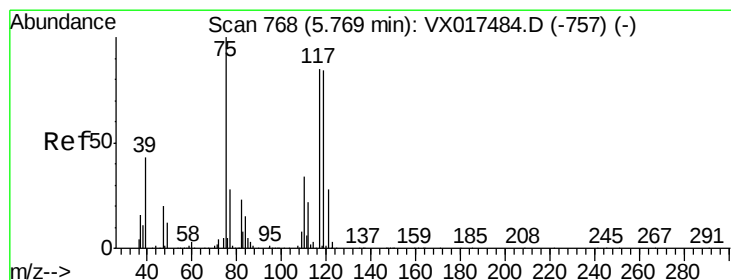
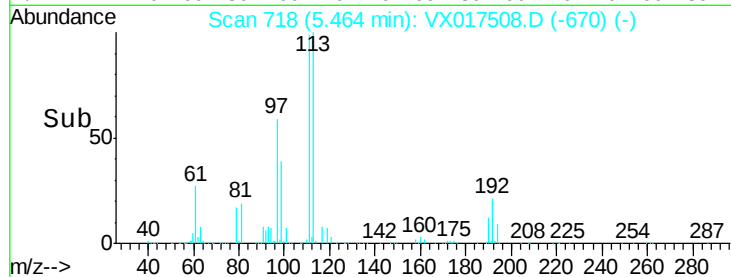
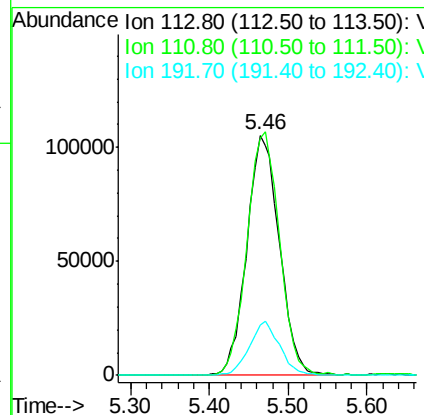
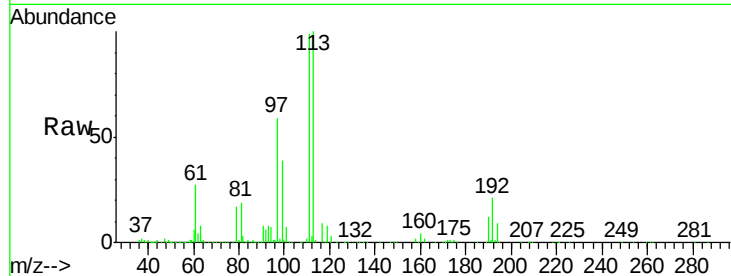
ClientSampleId :

VX0723WBS02

Tot Ion:	113	Resp:	302321
Ion Ratio	Lower	Upper	
113	100		
111	101.5	80.7	121.1
192	20.9	16.9	25.3

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#36

1,1-Dichloropropene

Concen: 17.258 ug/l

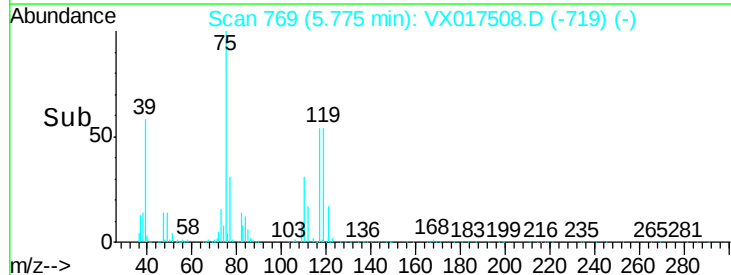
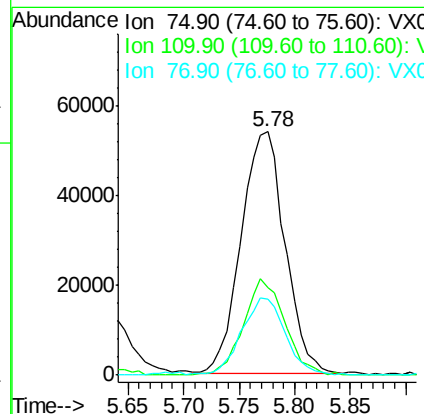
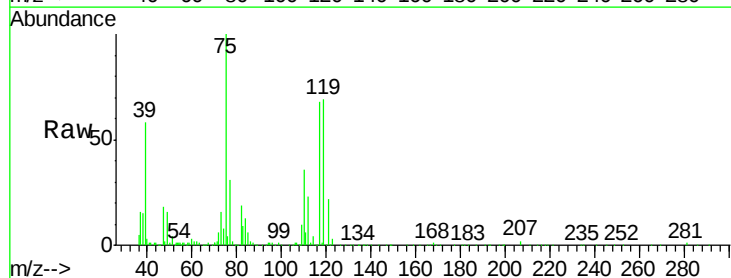
RT: 5.78 min Scan# 769

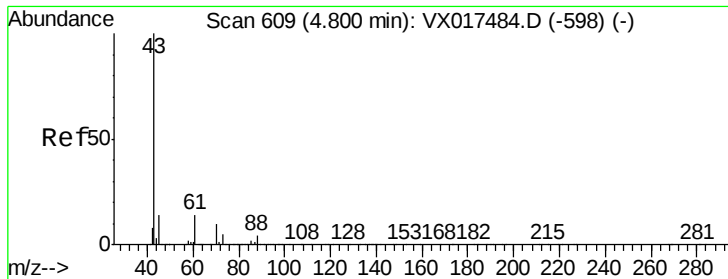
Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion:	75	Resp:	148126
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.1	54.3
77	31.6	24.6	37.0





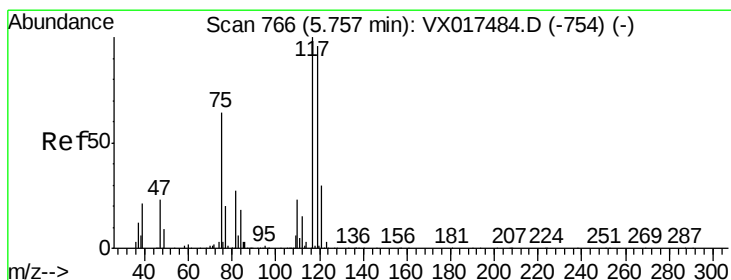
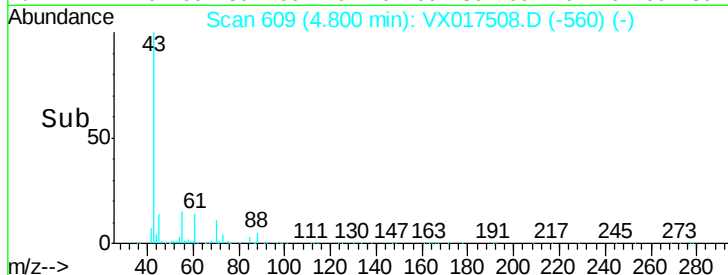
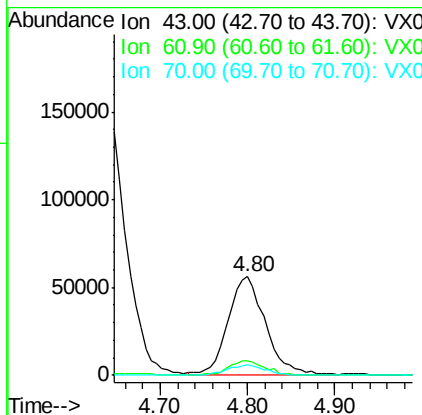
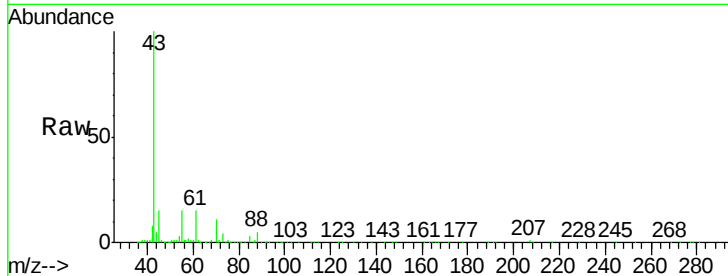
#37
Ethyl Acetate
Concen: 17.487 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.7	16.1
70	10.6	8.5	12.7

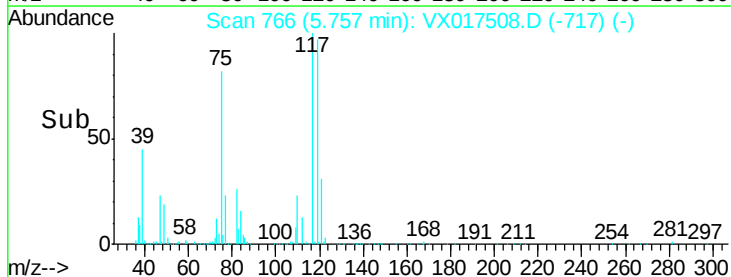
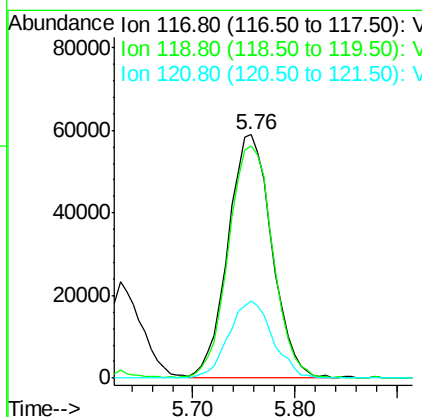
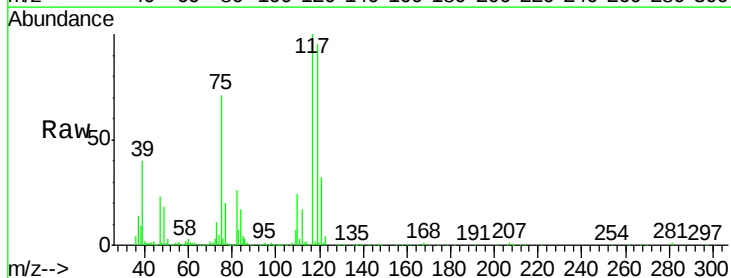
Manual Integrations
APPROVED

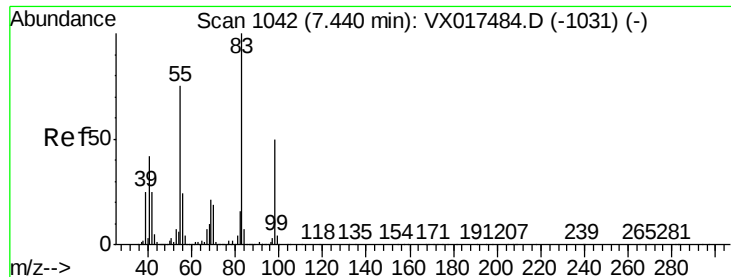
MMDadoda
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#38
Carbon Tetrachloride
Concen: 16.754 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.4	113.0
121	31.5	24.3	36.5





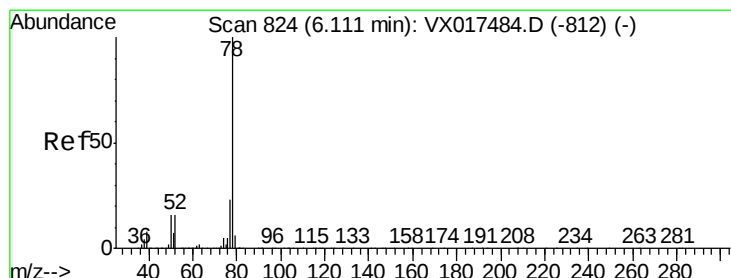
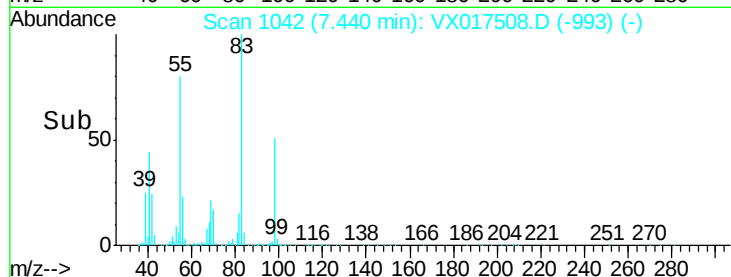
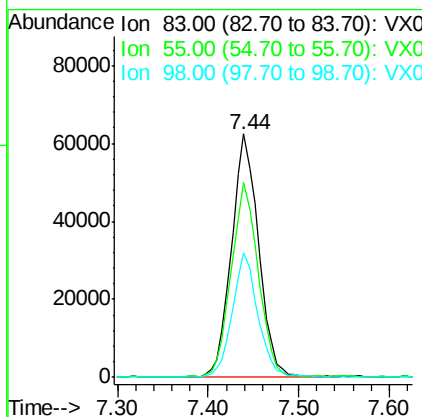
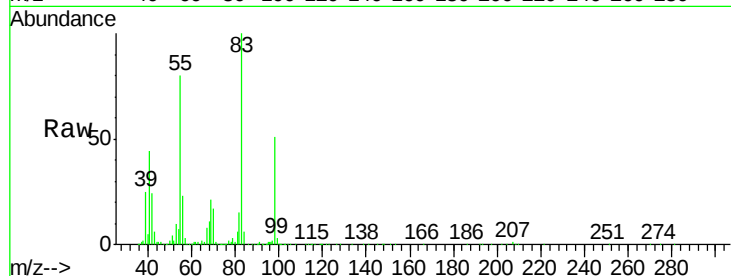
#39
Methvlcvclohexane
Concen: 12.979 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	61.8	92.8
98	51.1	36.9	55.3

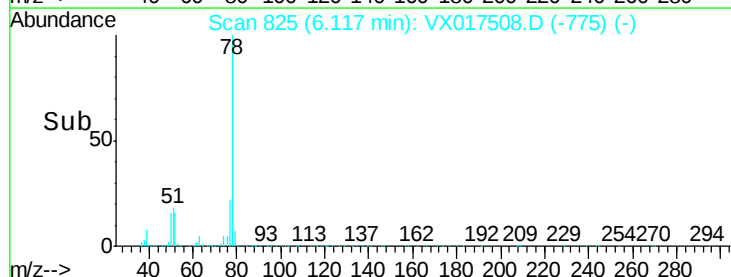
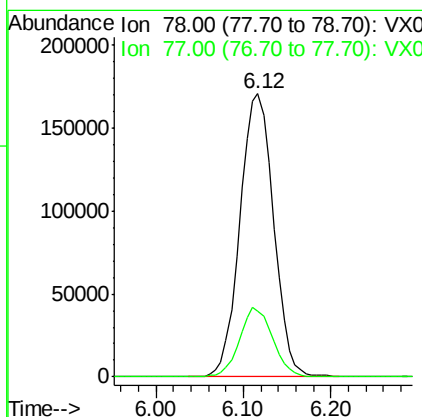
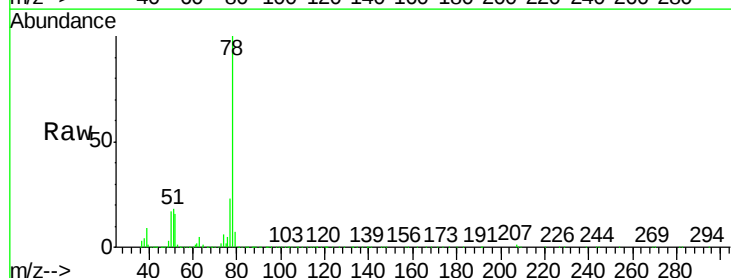
Manual Integrations
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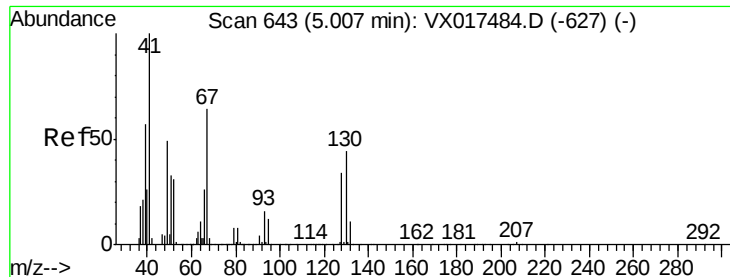
MMDadoda
7/24/2020 9:56:05 AM



#40
Benzene
Concen: 18.541 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.2





#41

Methacrylonitrile

Concen: 18.889 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 41 Resp: 101680

Ion Ratio Lower Upper

41 100

39 54.5 43.9 65.9

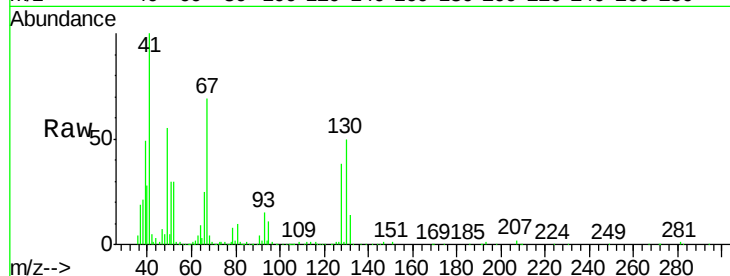
67 68.9 54.0 81.0

52 30.3 23.0 34.6

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7/24/2020 9:56:05 AM

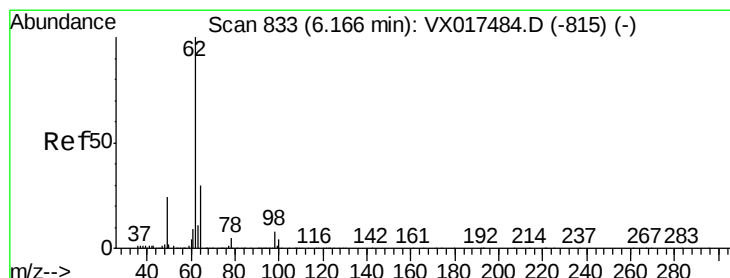
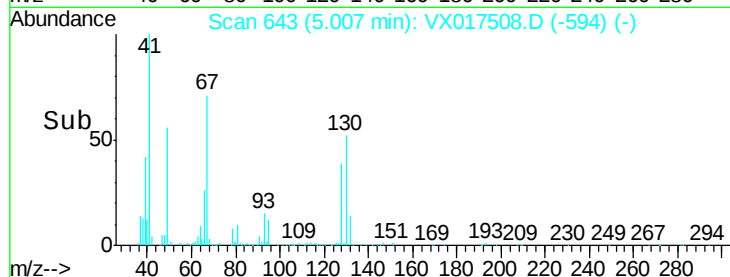
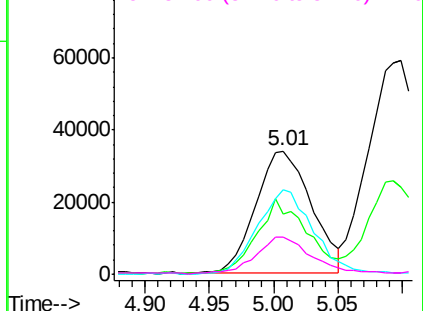


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.933 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017508.D

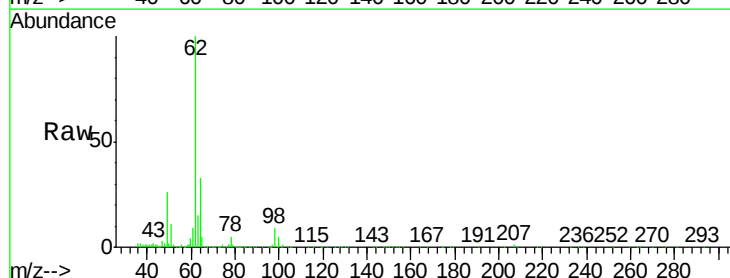
Acq: 23 Jul 2020 22:26

Tgt Ion: 62 Resp: 190599

Ion Ratio Lower Upper

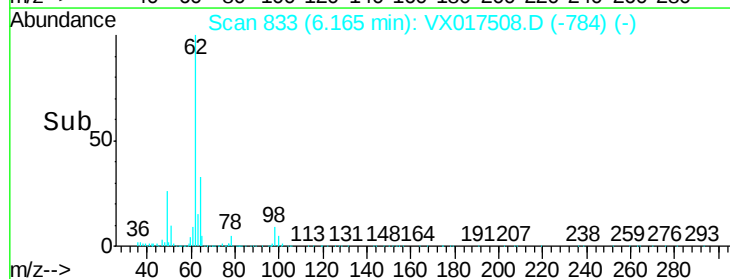
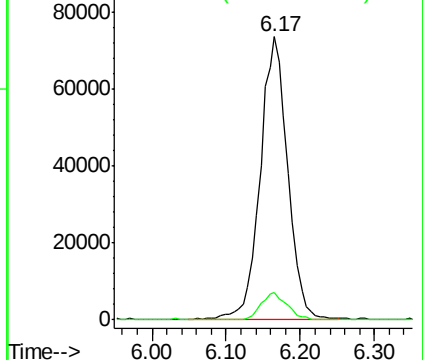
62 100

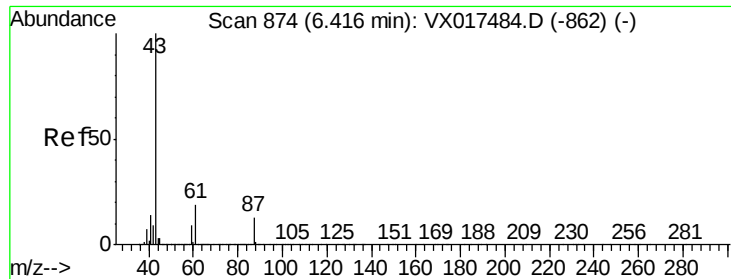
98 9.2 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

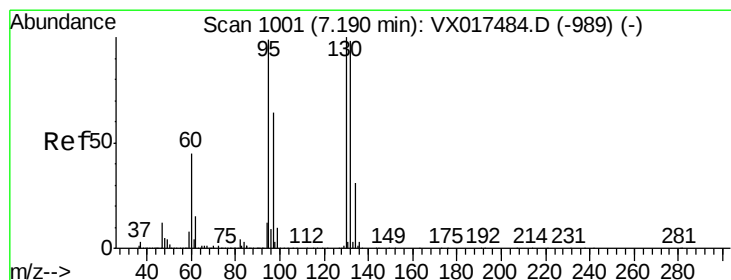
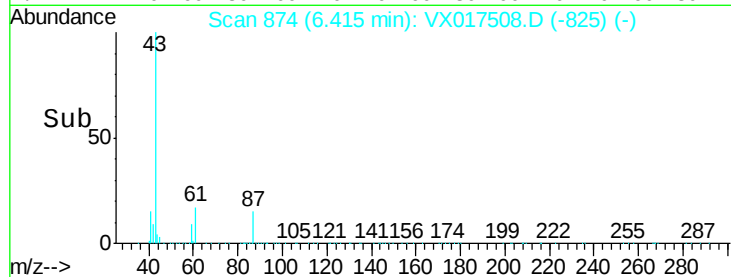
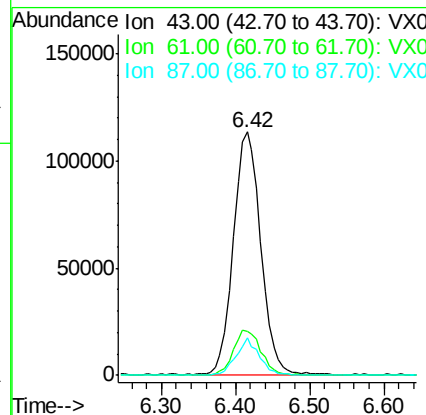
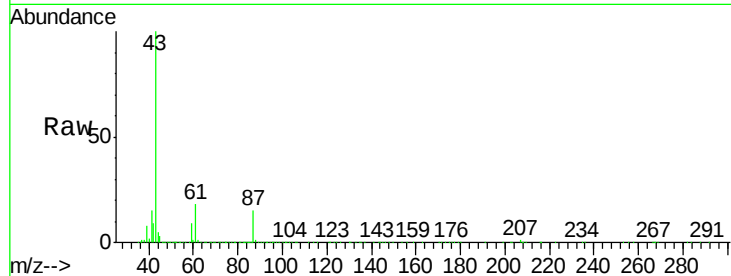
Isopropyl Acetate
 Concen: 19.046 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100	295112		
61	18.8		15.5	23.3
87	12.8		10.5	15.7

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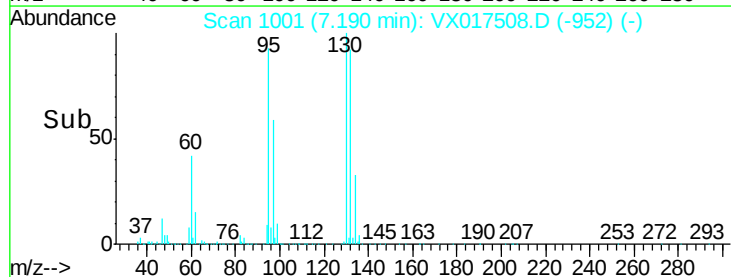
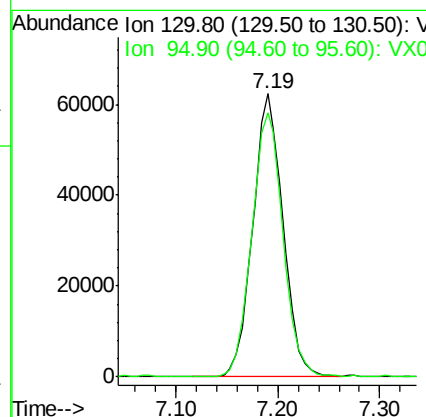
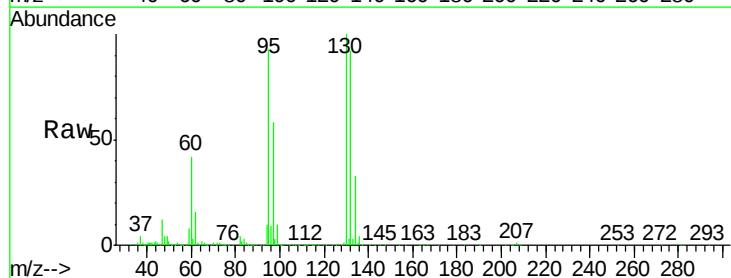
MMDadoda
 7/24/2020 9:56:05 AM

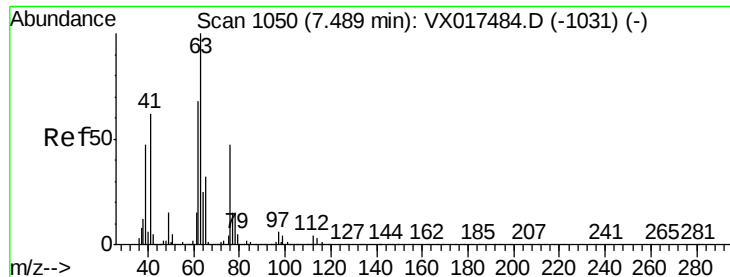


#44

Trichloroethene
 Concen: 17.849 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	128353		
95	93.0		0.0	189.0





#45

1,2-Dichloropropane

Concen: 15.835 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 63 Resp: 108017

Ion Ratio Lower Upper

63 100

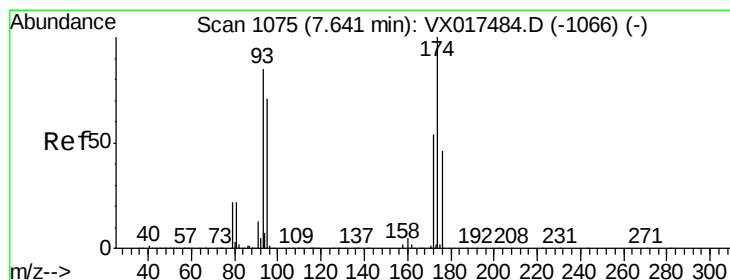
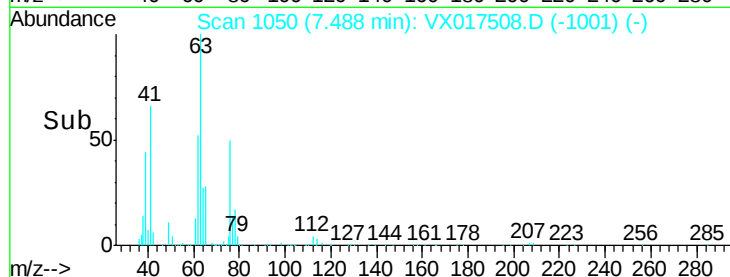
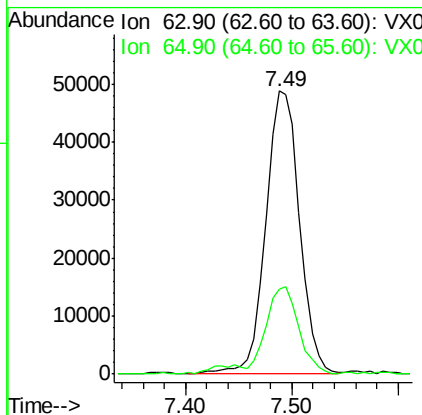
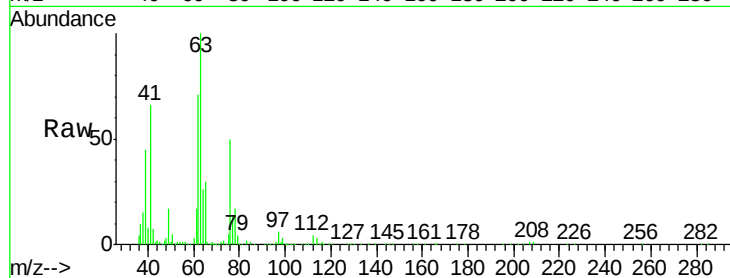
65 29.8 24.5 36.7

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#46

Dibromomethane

Concen: 15.857 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

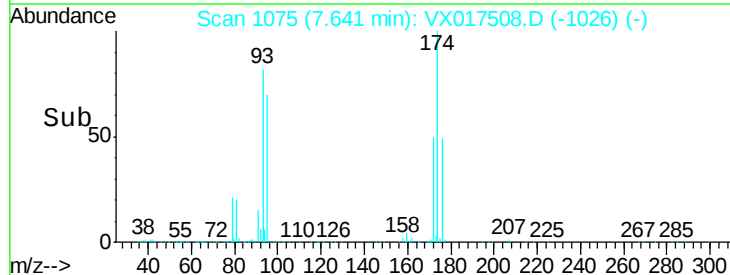
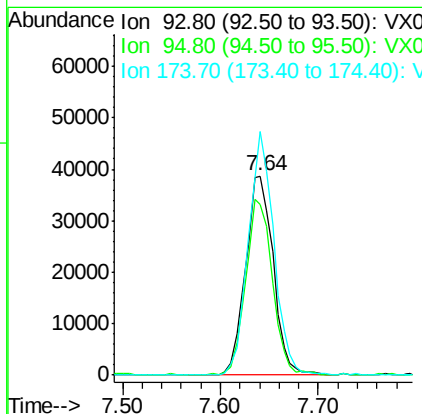
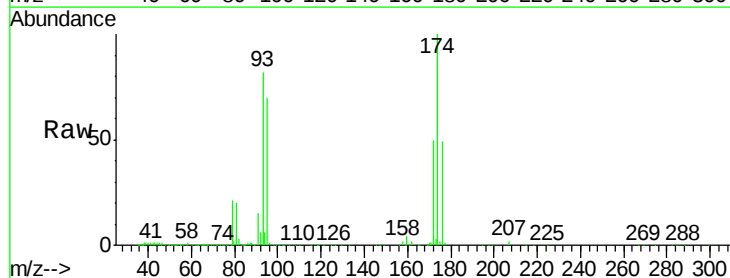
Tgt Ion: 93 Resp: 76445

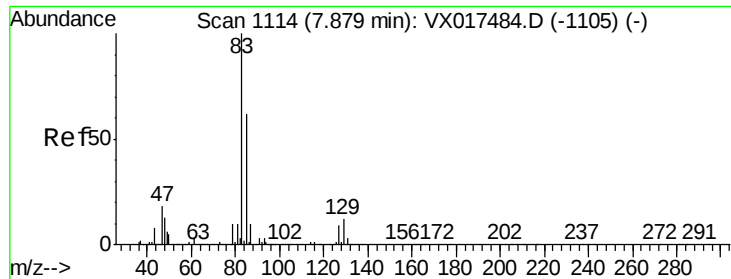
Ion Ratio Lower Upper

93 100

95 85.5 66.6 99.8

174 112.8 87.0 130.6





#47

Bromodichloromethane

Concen: 16.733 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

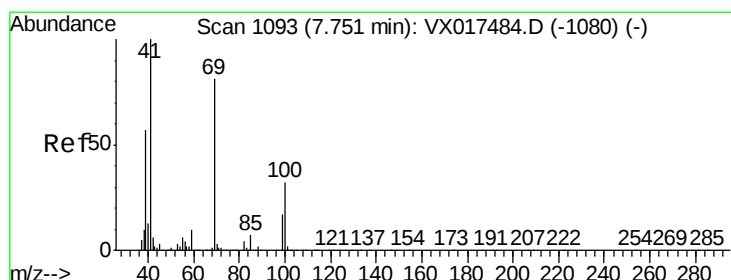
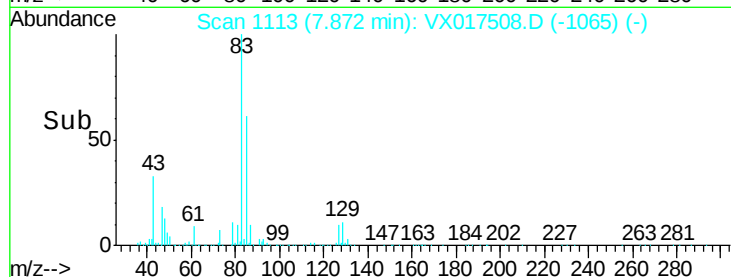
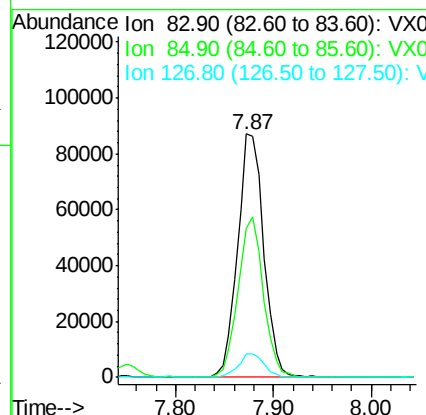
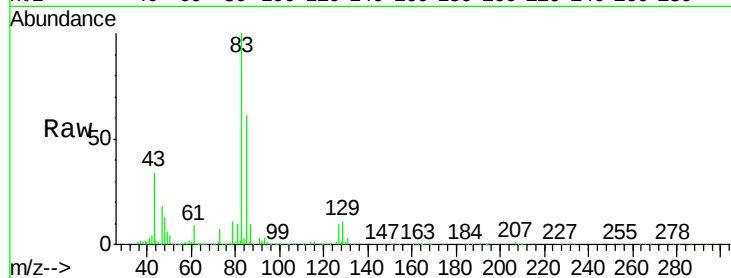
ClientSampleId :

VX0723WBS02

Tot Ion	83	Resp	162313
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.8	77.8
127	9.7	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.180 ug/l

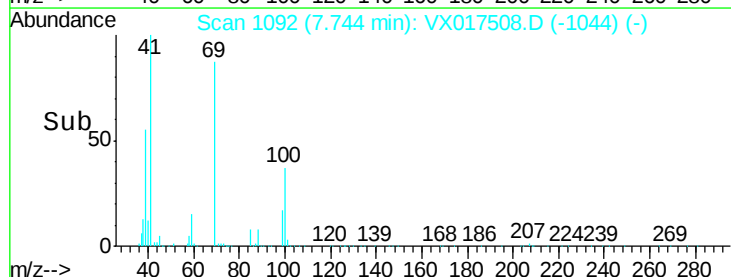
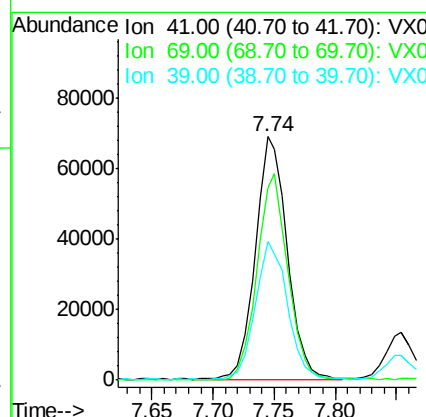
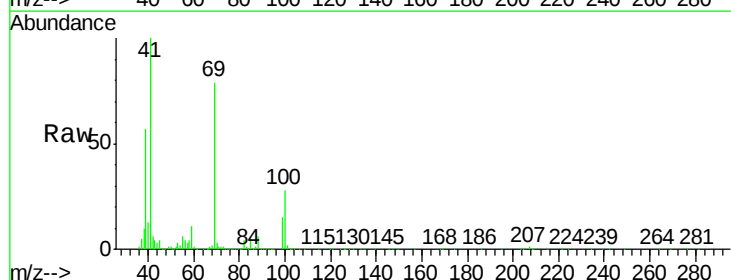
RT: 7.74 min Scan# 1092

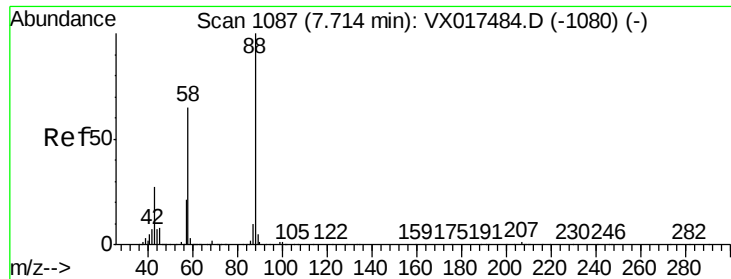
Delta R.T. -0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion	41	Resp	124271
Ion	Ratio	Lower	Upper
41	100		
69	83.7	63.1	94.7
39	59.0	45.1	67.7





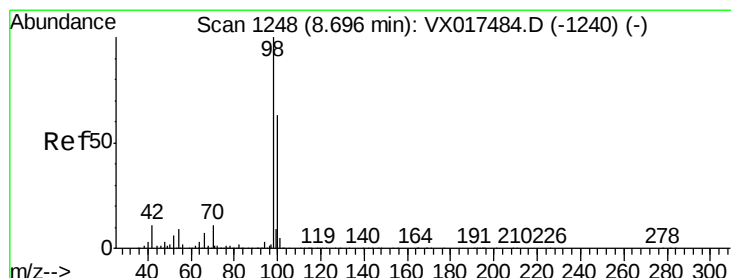
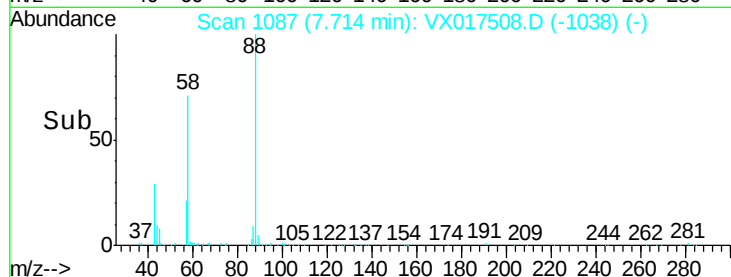
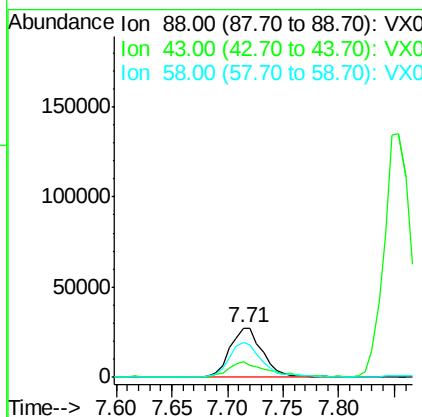
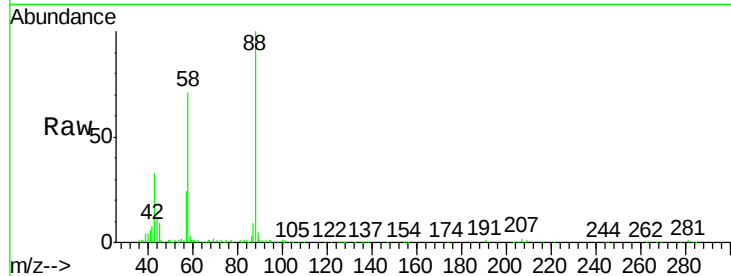
#49
1,4-Dioxane
Concen: 380.961 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.8	41.6
58	70.8	58.3	87.5

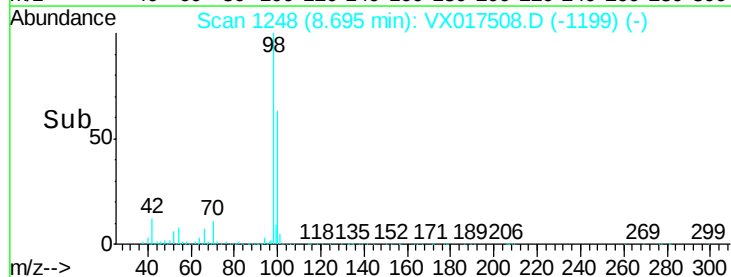
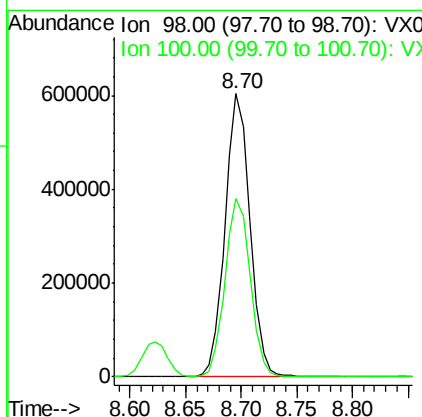
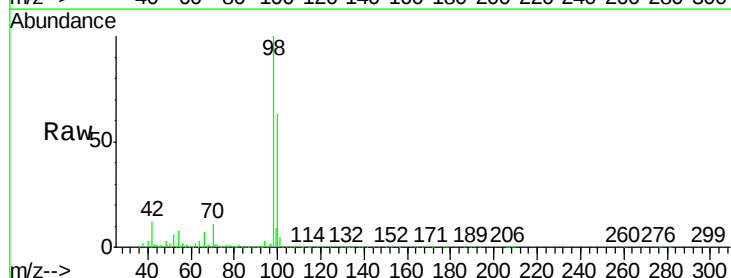
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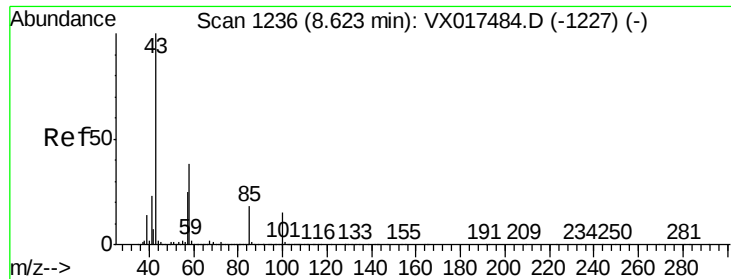
MMDadoda
7/24/2020 9:56:05 AM



#50
Toluene-d8
Concen: 43.372 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 87.208 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 43 Resp: 806252

Ion Ratio Lower Upper

43 100

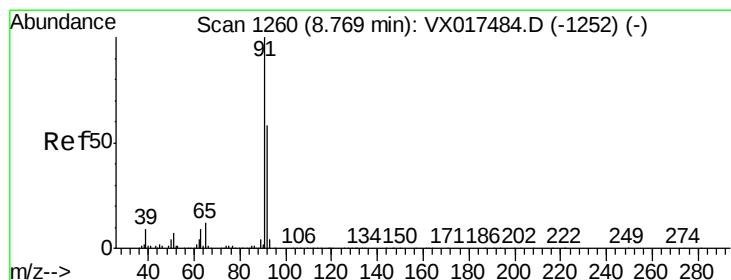
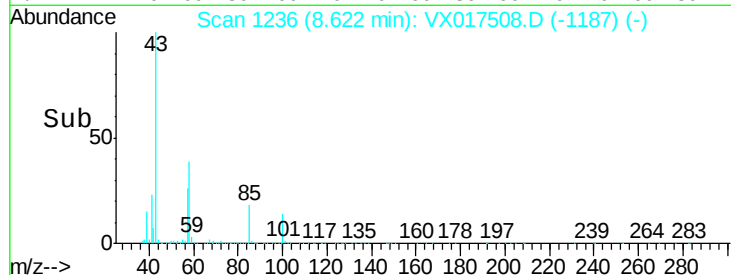
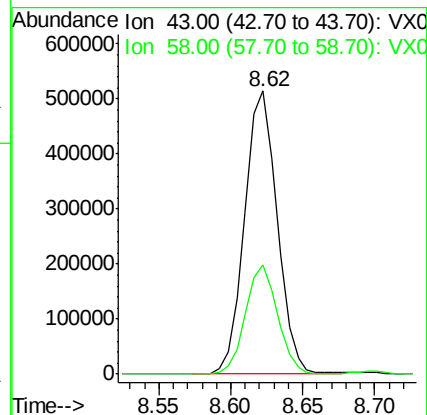
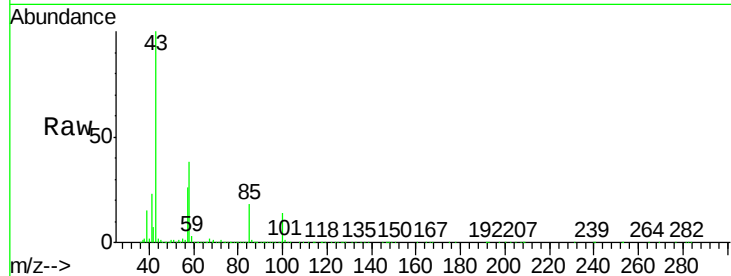
58 37.8 31.0 46.4

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#52

Toluene

Concen: 15.507 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017508.D

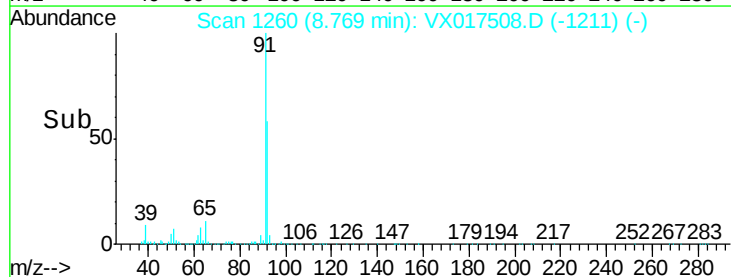
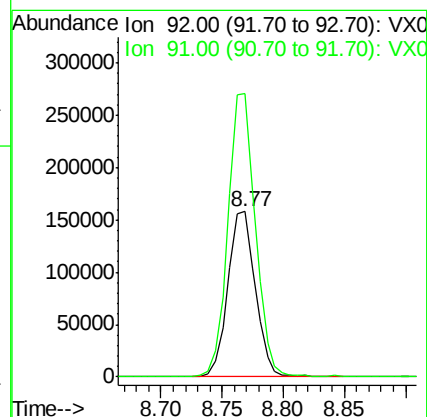
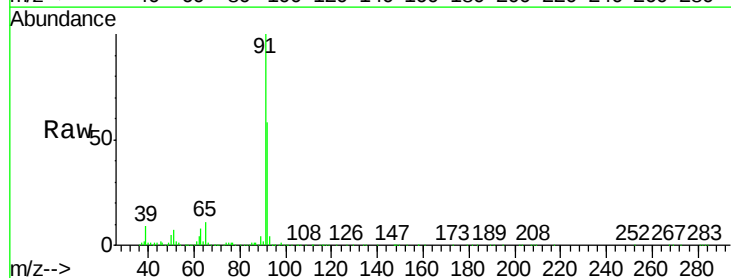
Acq: 23 Jul 2020 22:26

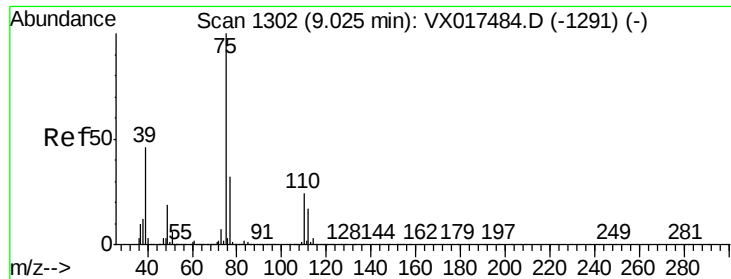
Tgt Ion: 92 Resp: 244721

Ion Ratio Lower Upper

92 100

91 170.7 137.6 206.4





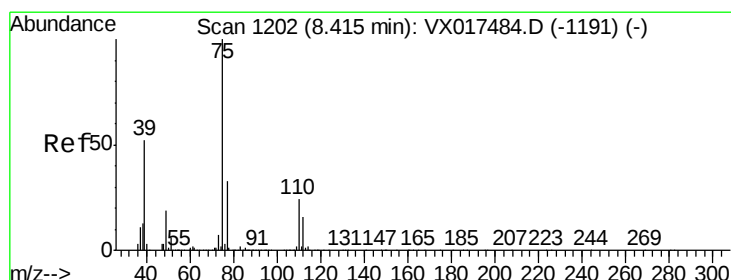
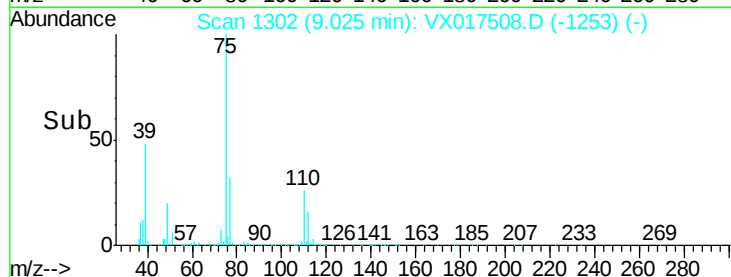
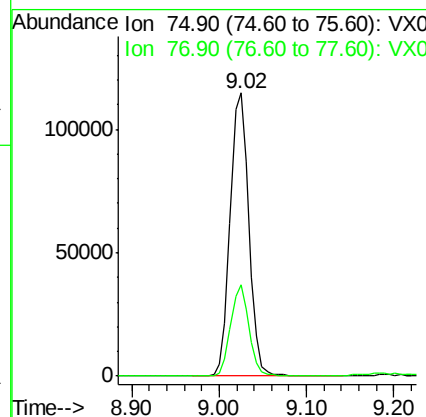
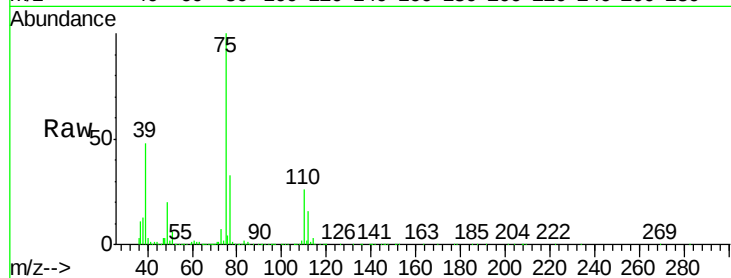
#53
t-1,3-Dichloropropene
Concen: 15.685 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.5	38.3

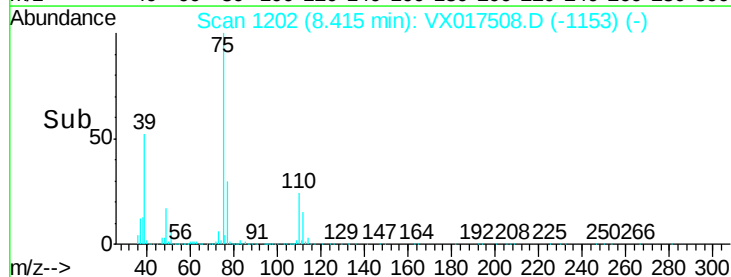
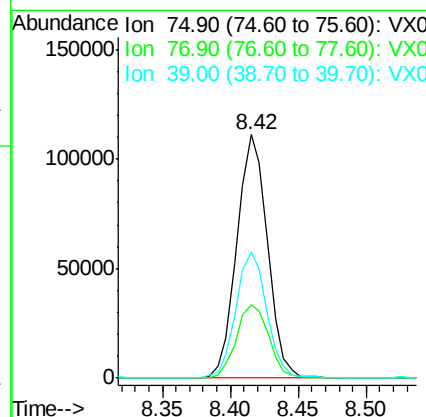
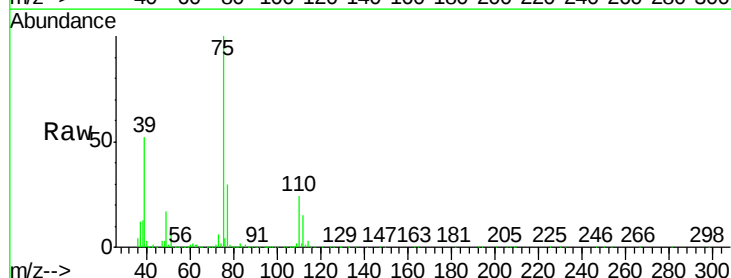
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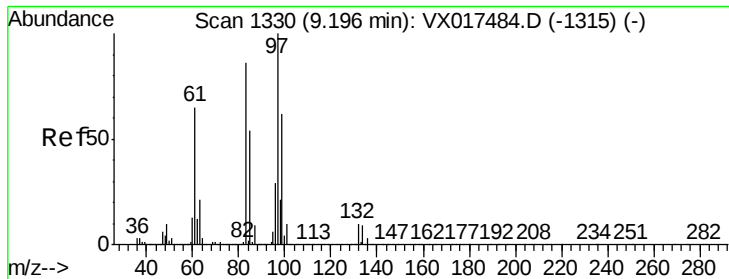
MMDadoda
7/24/2020 9:56:05 AM



#54
cis-1,3-Dichloropropene
Concen: 15.814 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.5	38.3
39	51.8	41.8	62.8





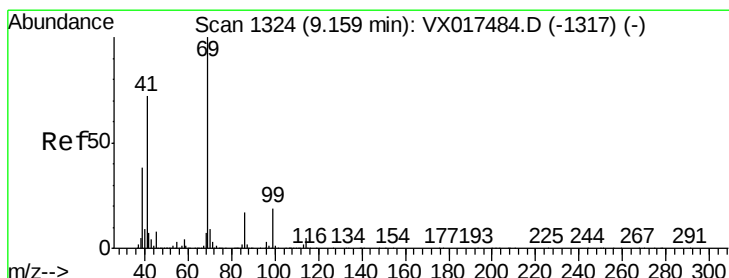
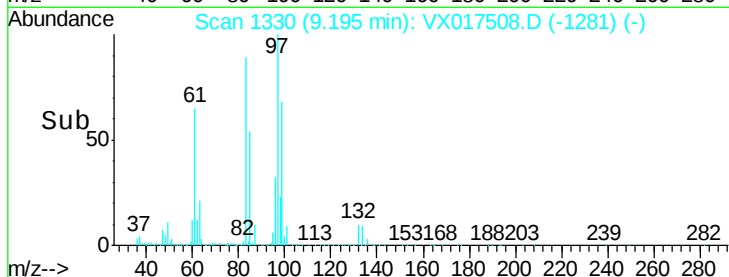
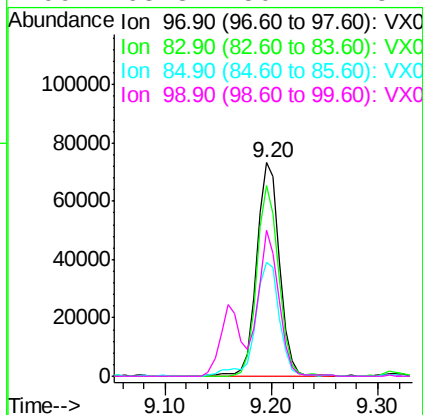
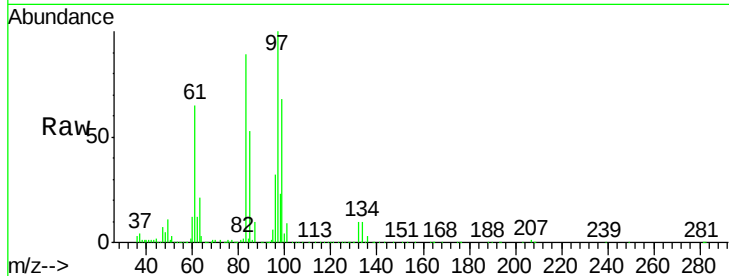
#55
 1,1,2-Trichloroethane
 Concen: 16.784 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		110338		
83	89.2	67.6	101.4		
85	53.4	44.6	67.0		
99	68.3	50.2	75.4		

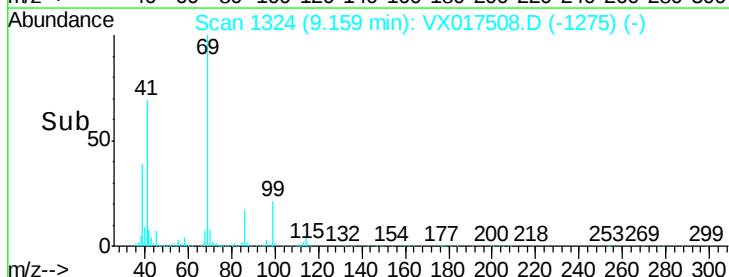
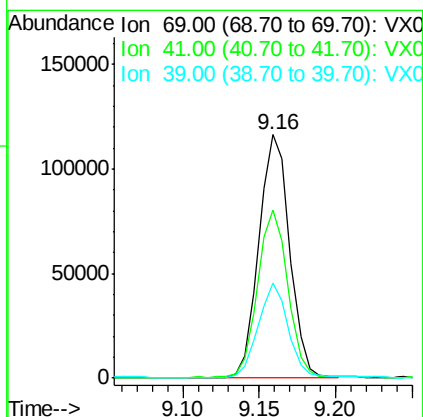
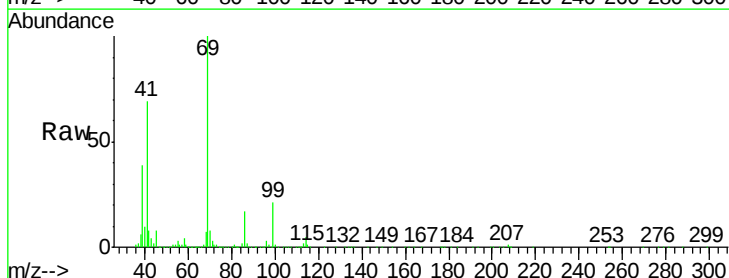
Manual Integrations
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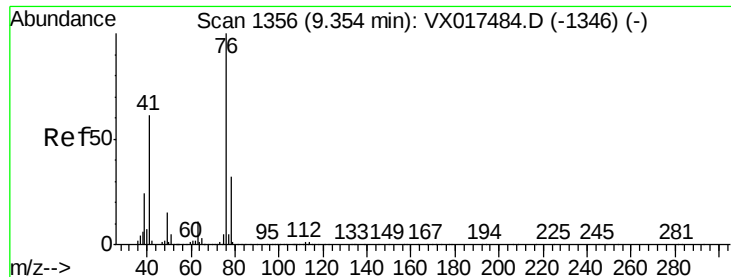
MMDadoda
 7/24/2020 9:56:05 AM



#56
 Ethyl methacrylate
 Concen: 16.548 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		163900		
41	68.4	55.0	82.6		
39	38.4	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 16.982 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 76 Resp: 183828

Ion Ratio Lower Upper

76 100

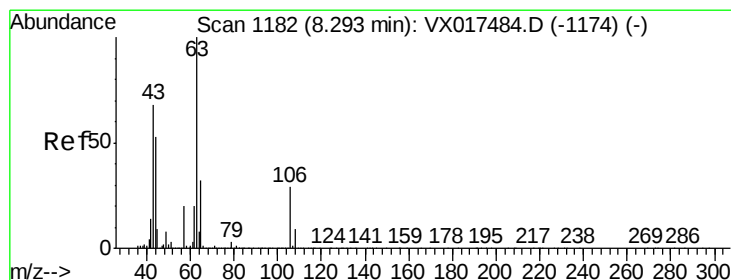
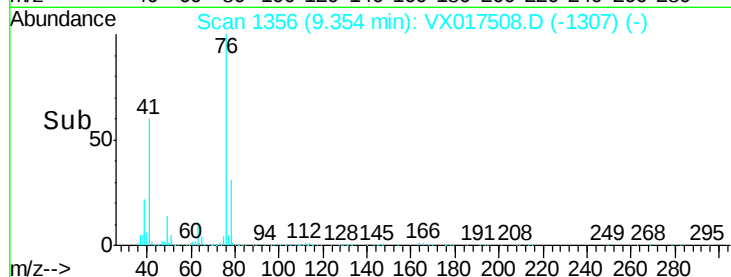
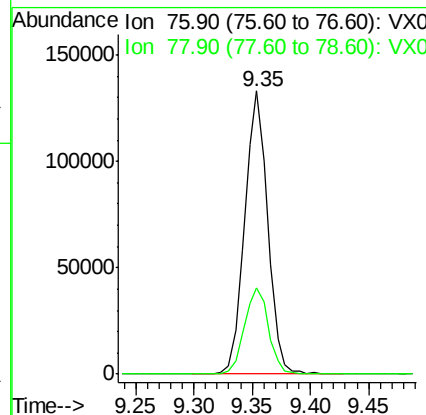
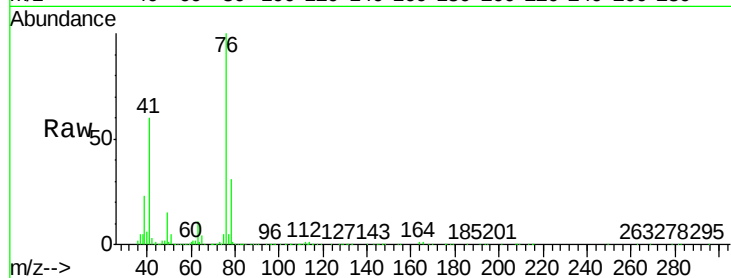
78 31.9 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 83.451 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017508.D

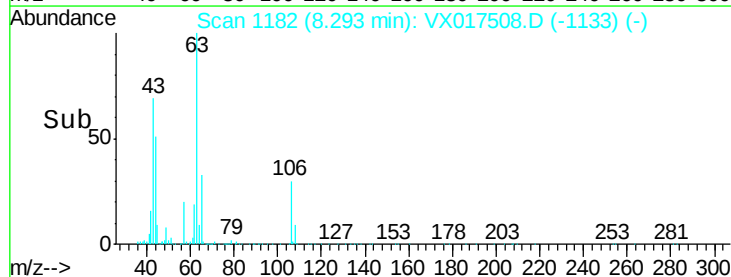
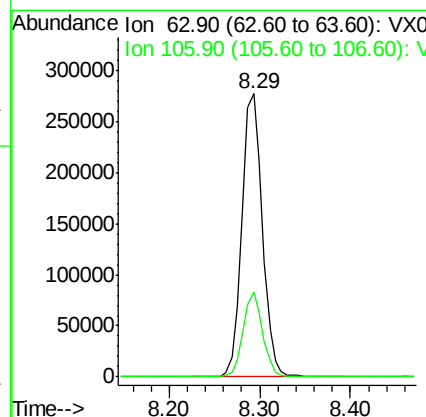
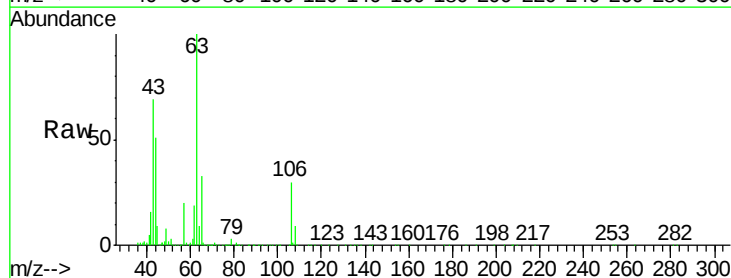
Acq: 23 Jul 2020 22:26

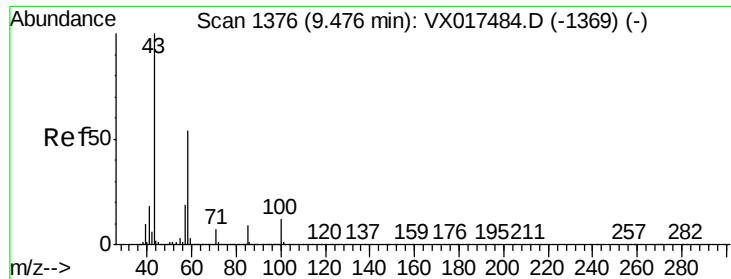
Tgt Ion: 63 Resp: 435448

Ion Ratio Lower Upper

63 100

106 28.6 22.6 34.0





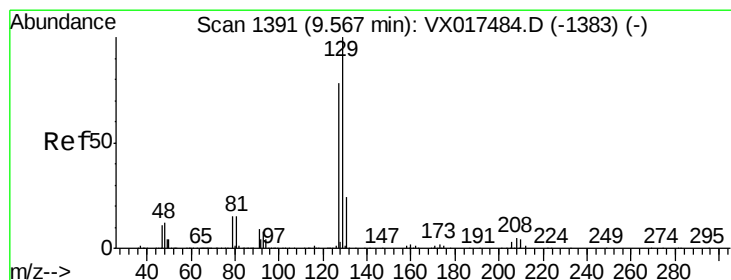
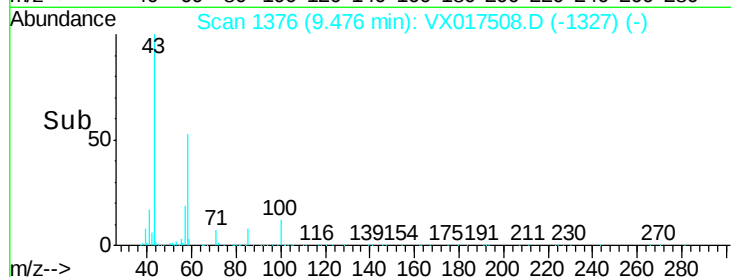
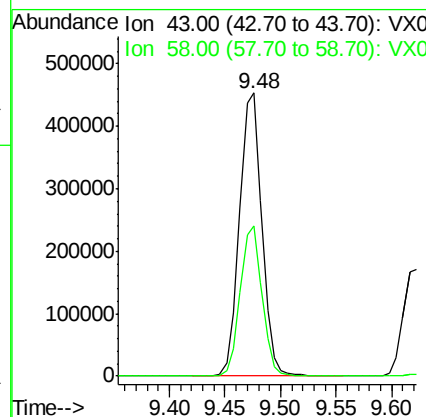
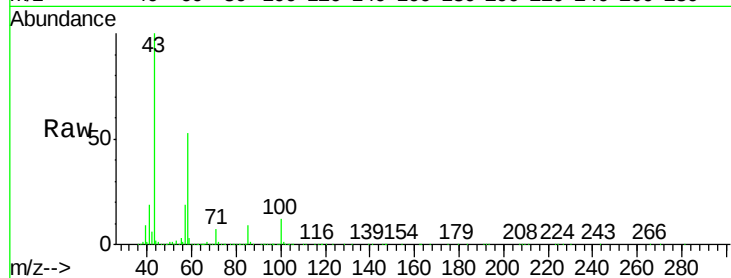
#59
2-Hexanone
Concen: 90.412 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.6	79.8

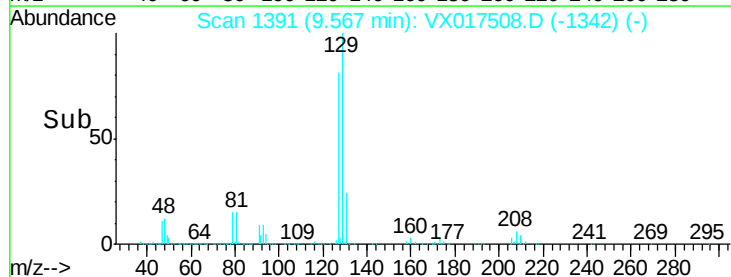
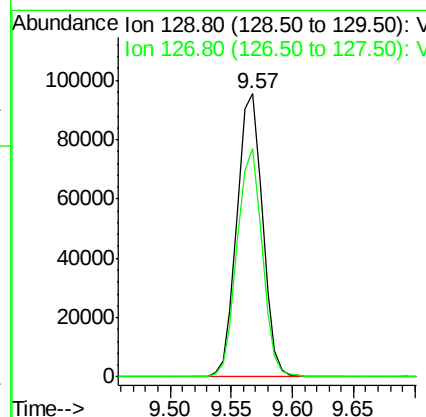
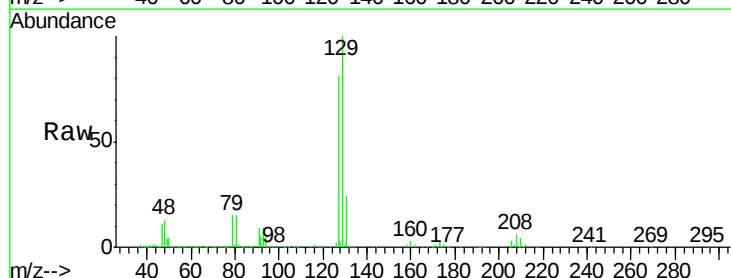
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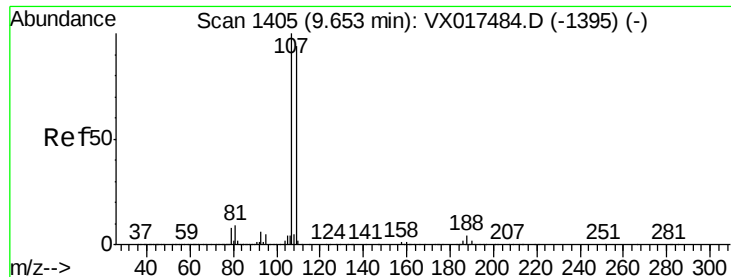
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#60
Dibromochloromethane
Concen: 16.514 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.4	115.1





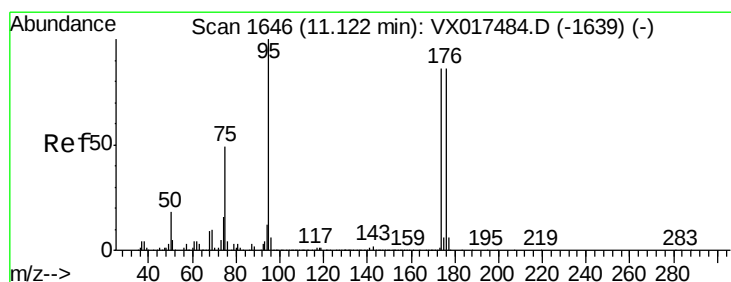
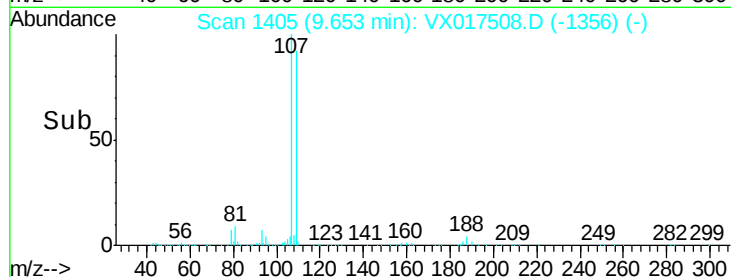
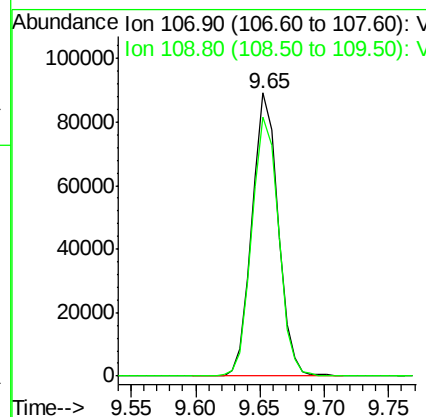
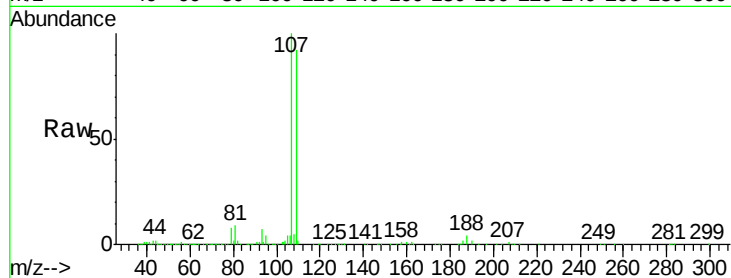
#61
 1,2-Dibromoethane
 Concen: 17.774 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.9	112.3

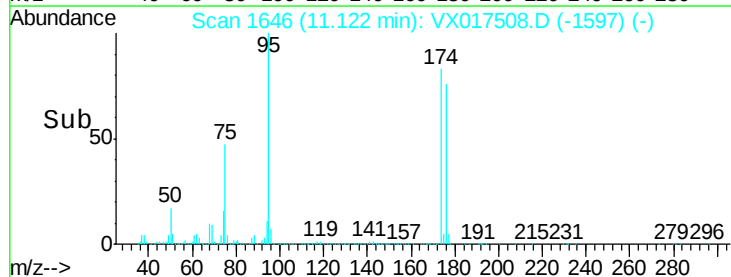
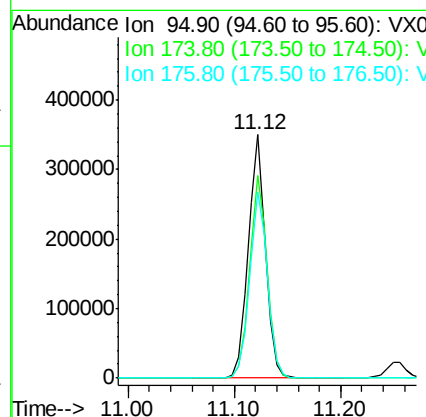
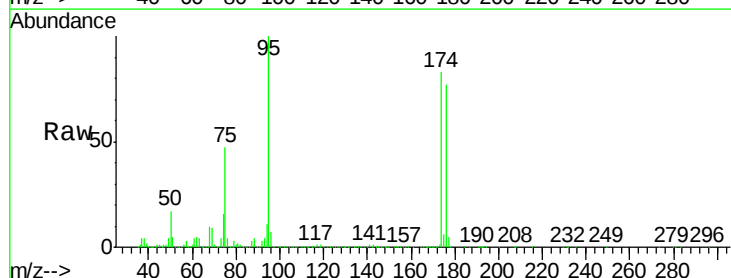
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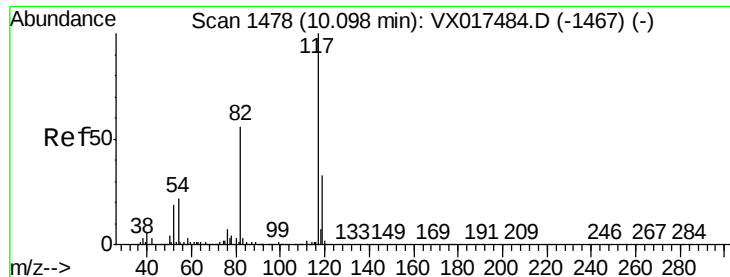
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#62
 4-Bromofluorobenzene
 Concen: 45.765 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	169.0
176	79.3	0.0	161.0





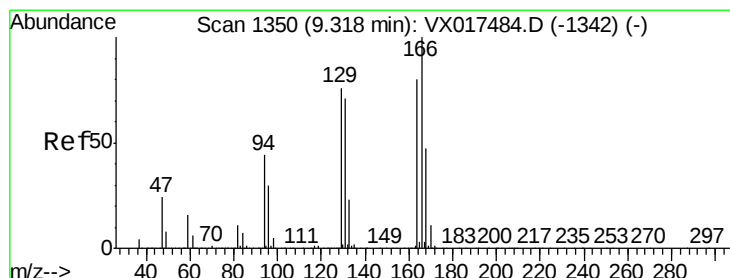
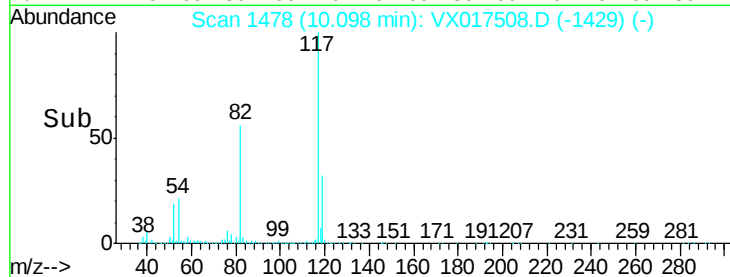
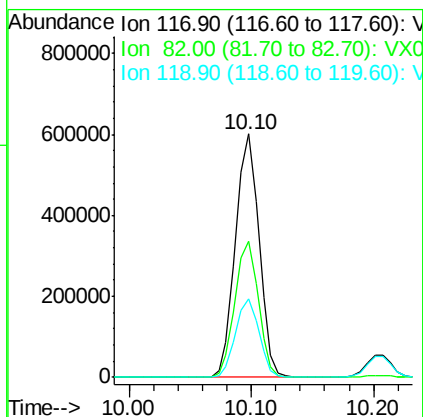
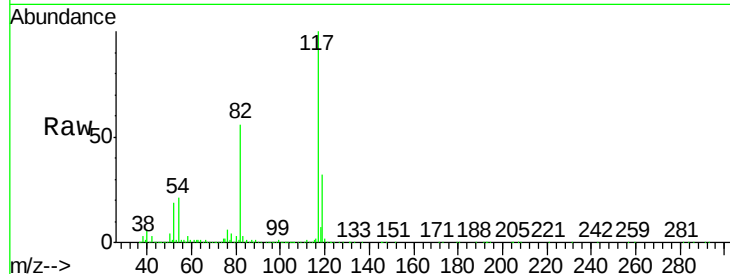
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.0	66.0
119	32.4	25.4	38.0

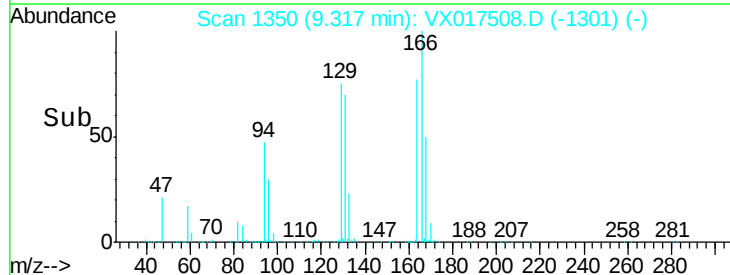
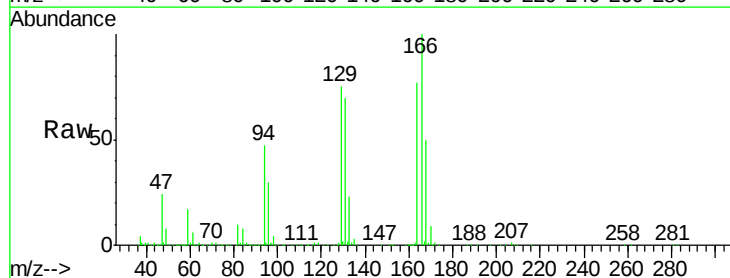
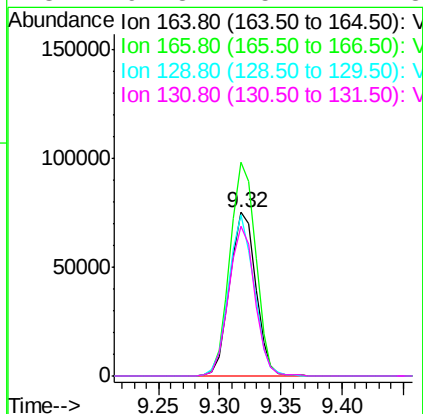
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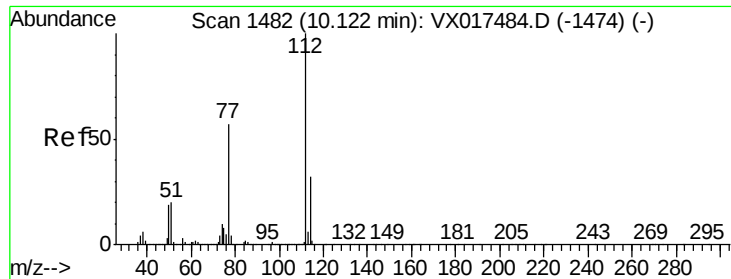
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#64
Tetrachloroethene
Concen: 15.417 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	100.6	150.8
129	98.4	75.0	112.6
131	91.8	75.2	112.8





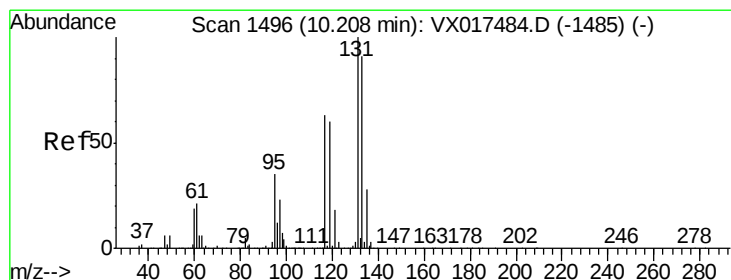
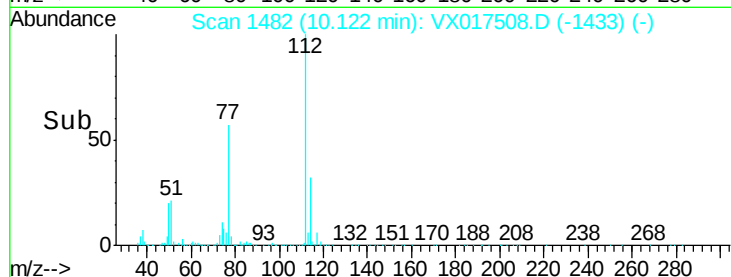
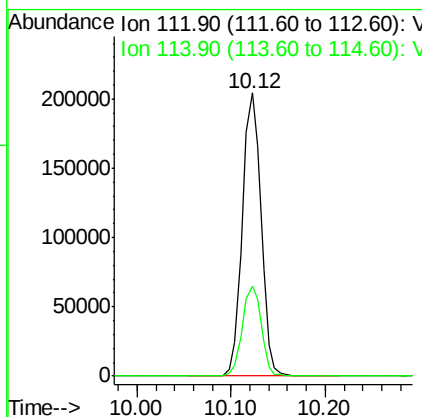
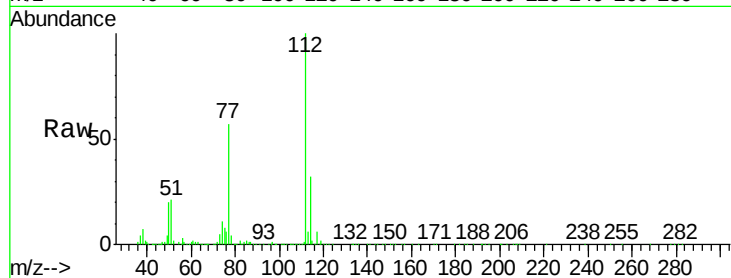
#65
Chlorobenzene
Concen: 16.324 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion:112 Resp: 283832
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

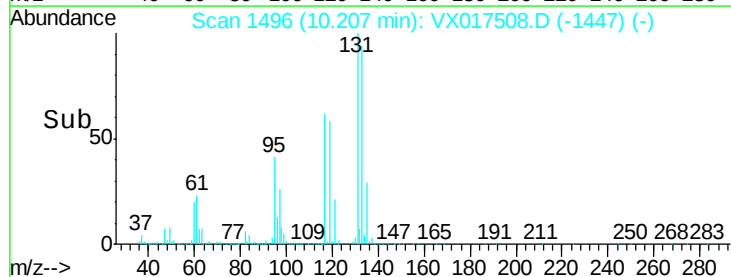
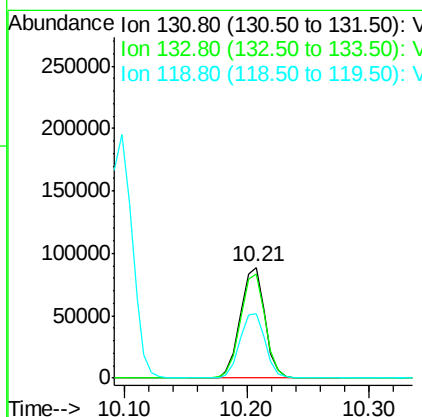
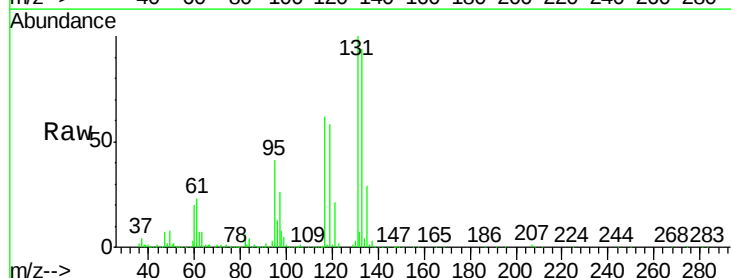
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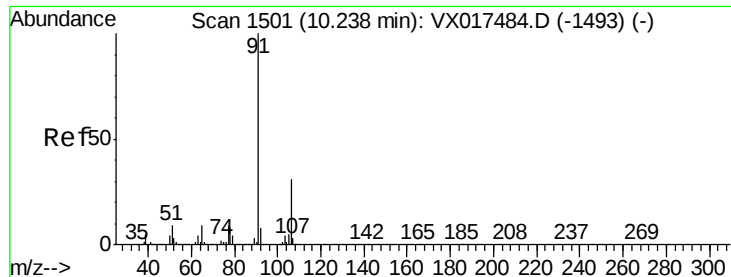
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.399 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion:131 Resp: 122089
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 60.2 31.1 93.3





#67

Ethyl Benzene

Concen: 16.567 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 91 Resp: 480848

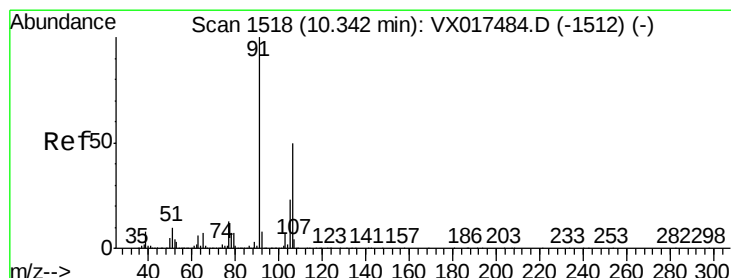
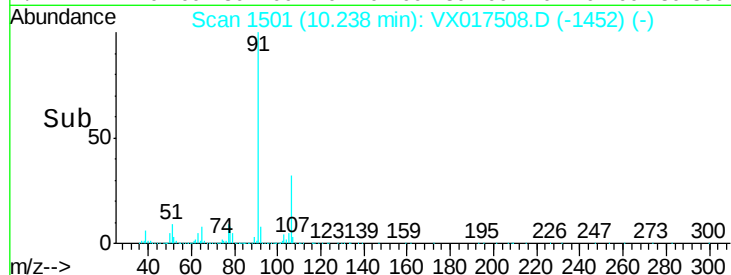
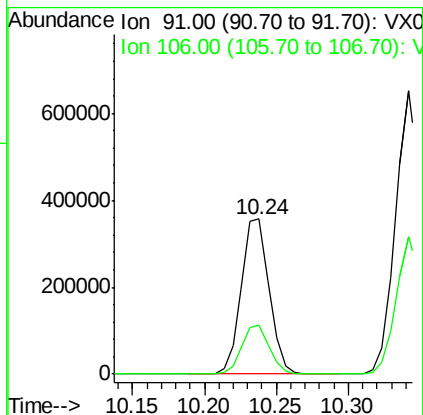
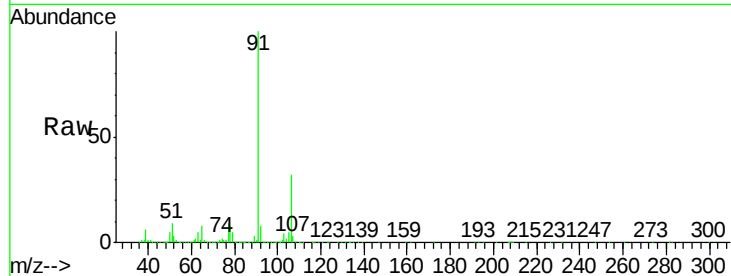
Ion Ratio Lower Upper

91 100

106 31.6 25.8 38.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 36.090 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017508.D

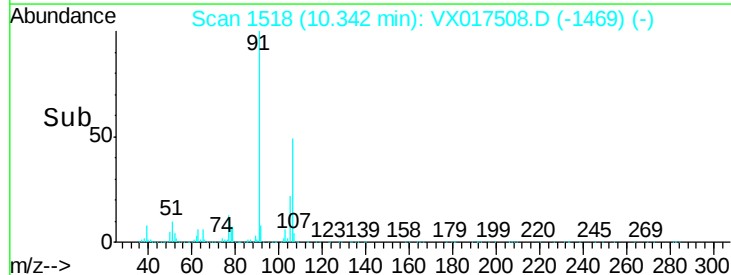
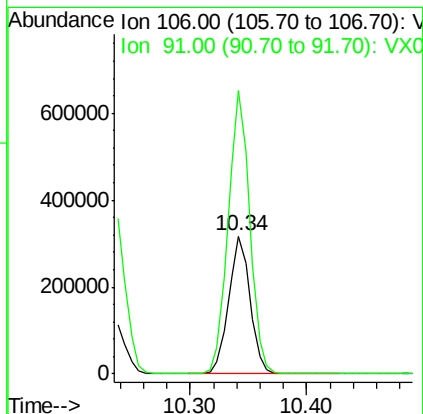
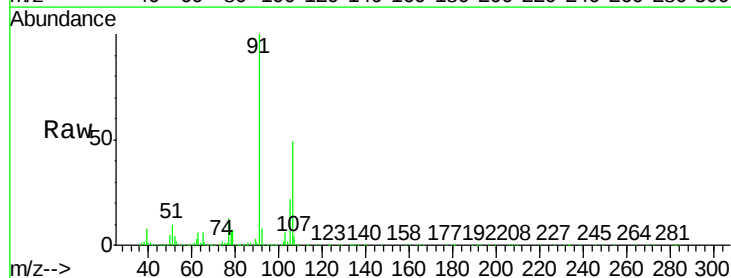
Acq: 23 Jul 2020 22:26

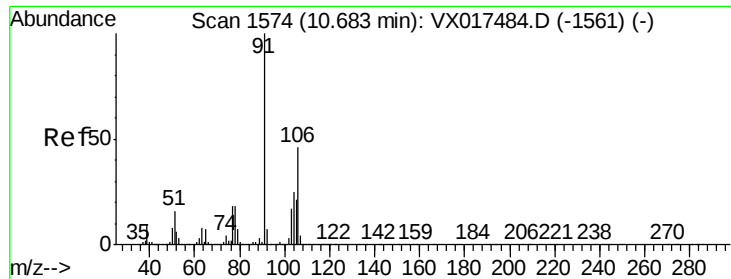
Tgt Ion: 106 Resp: 405790

Ion Ratio Lower Upper

106 100

91 206.7 160.9 241.3





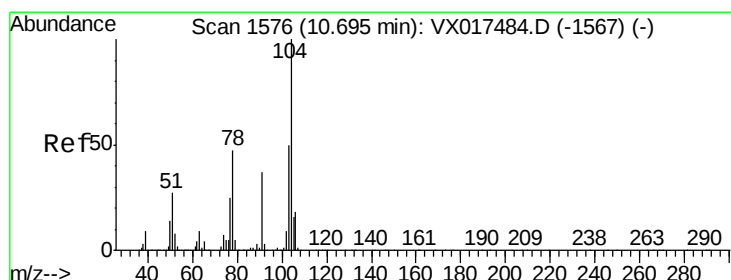
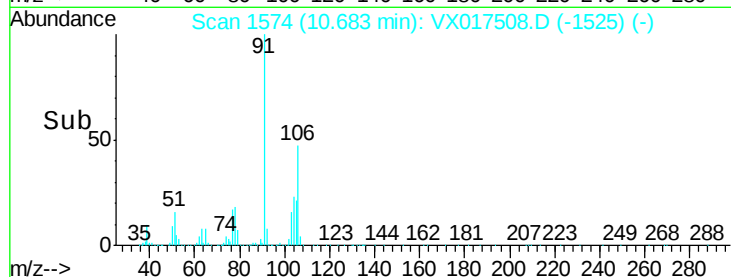
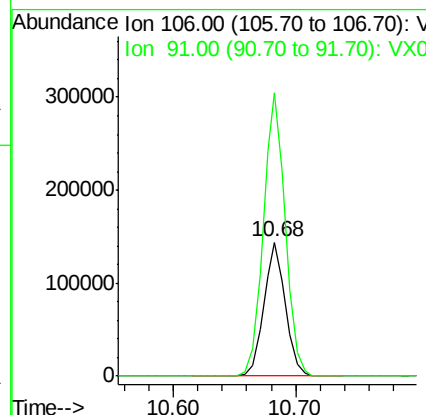
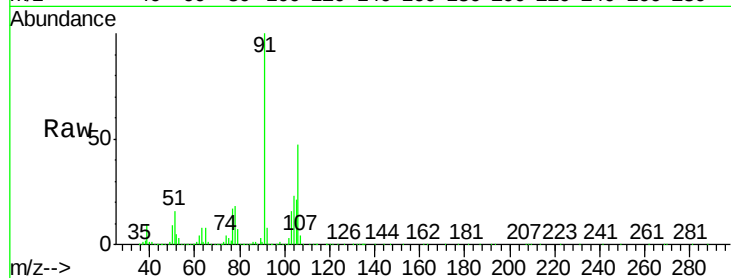
#69
o-Xylene
Concen: 16.246 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.4	108.2	324.6

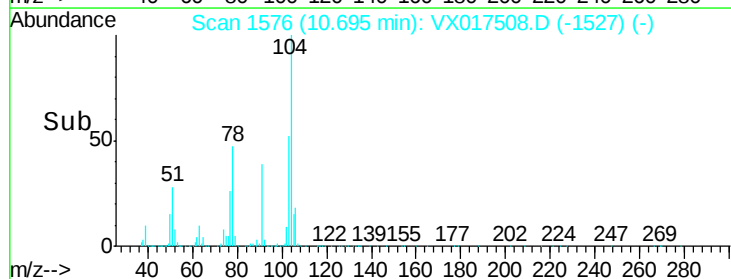
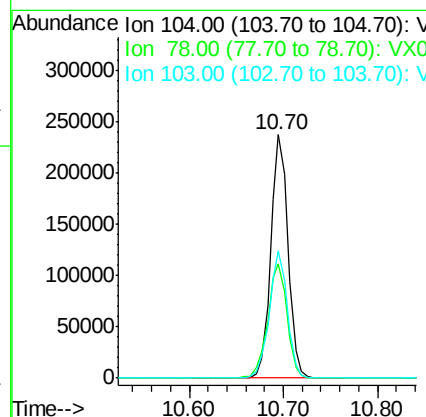
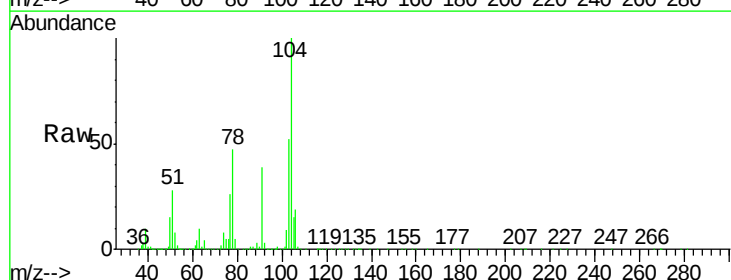
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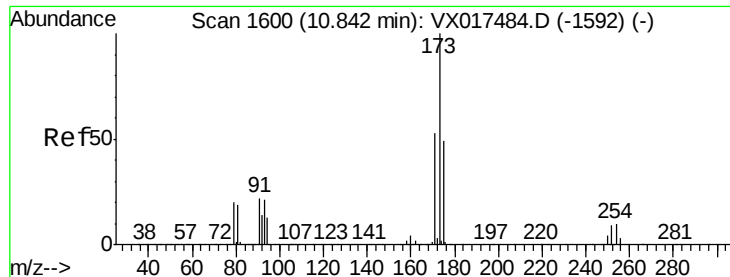
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#70
Styrene
Concen: 16.683 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.5	63.7
103	55.0	44.3	66.5





#71

Bromoform

Concen: 17.659 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

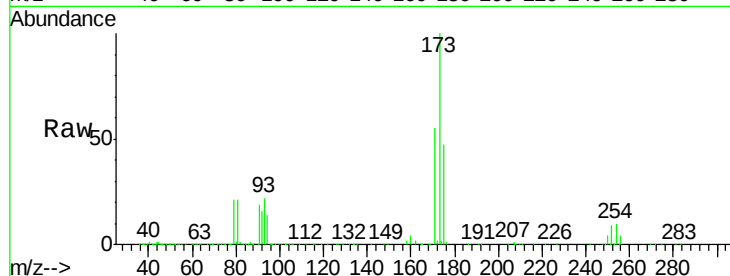
ClientSampleId :

VX0723WBS02

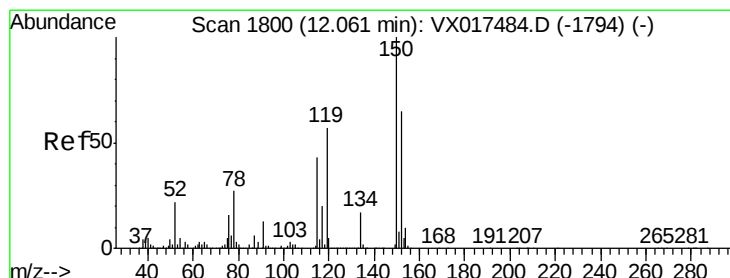
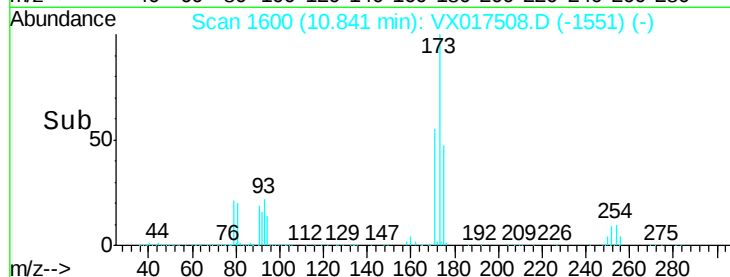
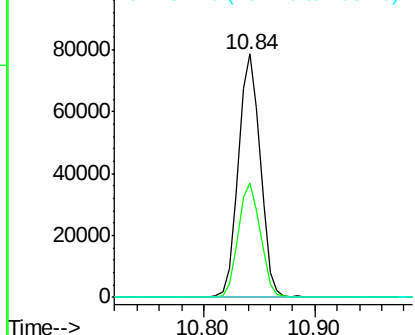
Tot Ion:	173	Resp:	107358
Ion Ratio	Lower	Upper	
173	100		
175	47.5	23.8	71.5
254	0.2	0.1	0.1#

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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

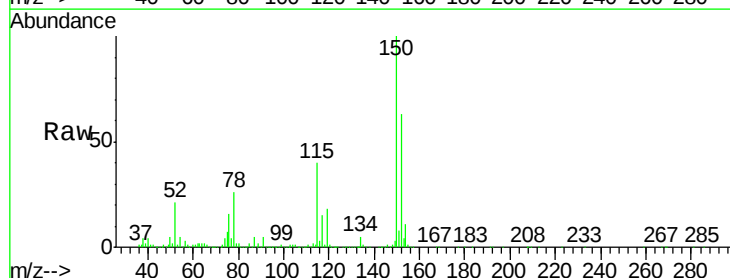
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

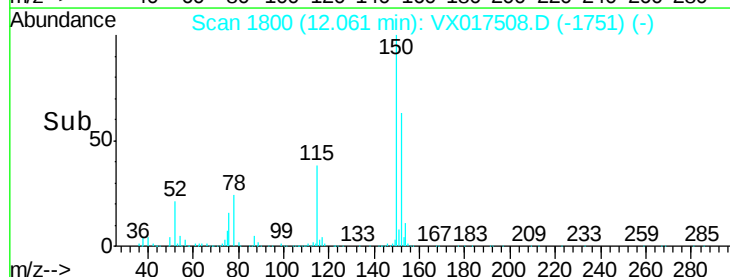
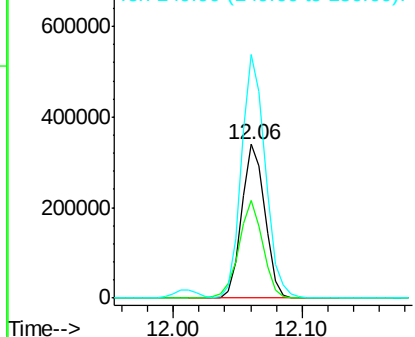
Lab File: VX017508.D

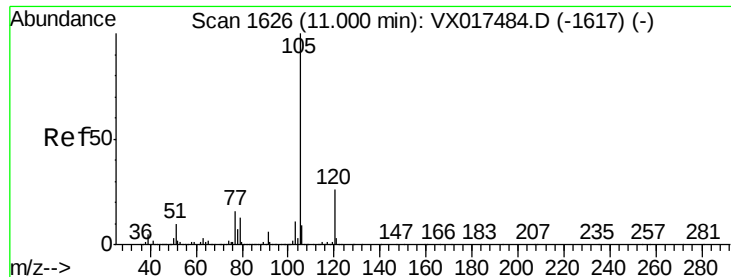
Acq: 23 Jul 2020 22:26

Tgt Ion:	152	Resp:	419544
Ion Ratio	Lower	Upper	
152	100		
115	66.2	65.5	196.6
150	162.9	0.0	412.6



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: 16.392 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 105 Resp: 471798

Ion Ratio Lower Upper

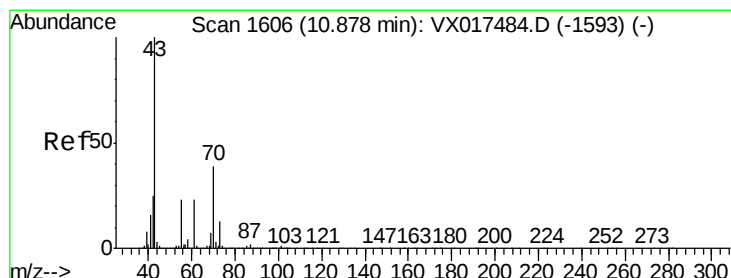
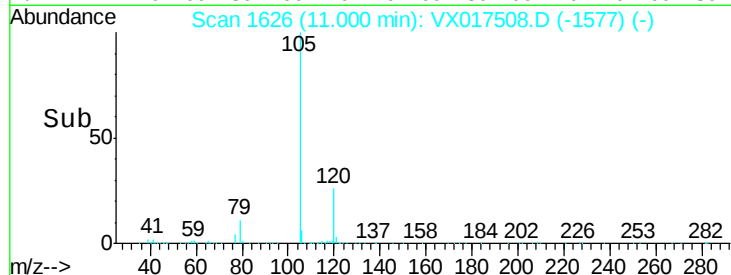
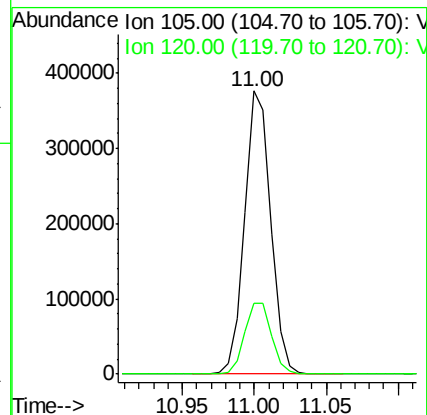
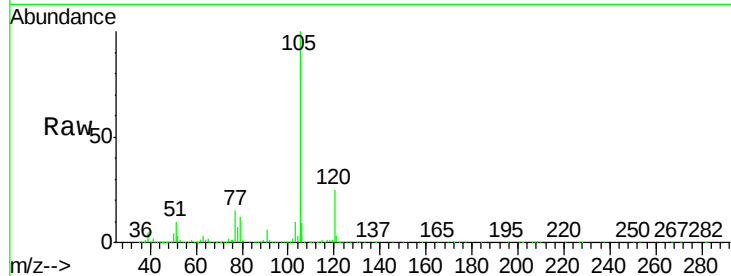
105 100

120 26.0 13.3 39.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 17.768 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion: 43 Resp: 227217

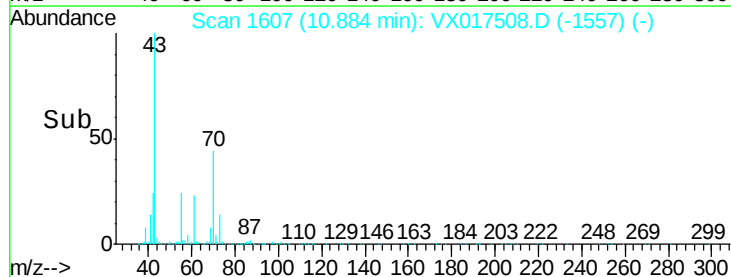
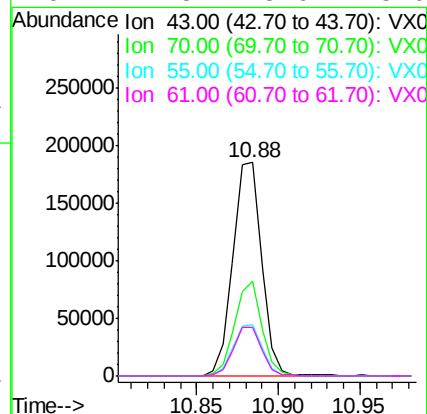
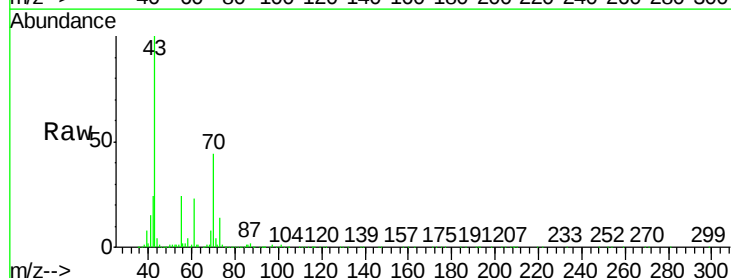
Ion Ratio Lower Upper

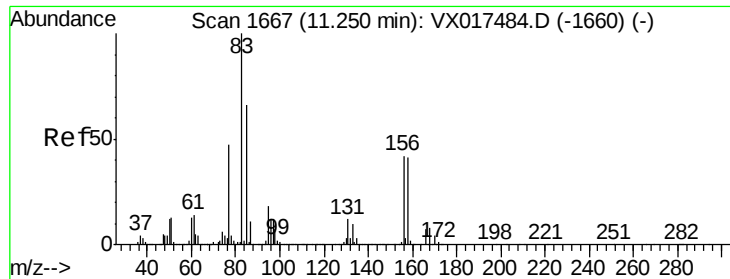
43 100

70 41.7 32.3 48.5

55 24.1 18.4 27.6

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.320 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

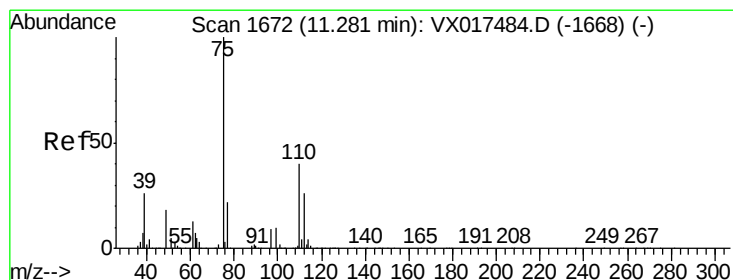
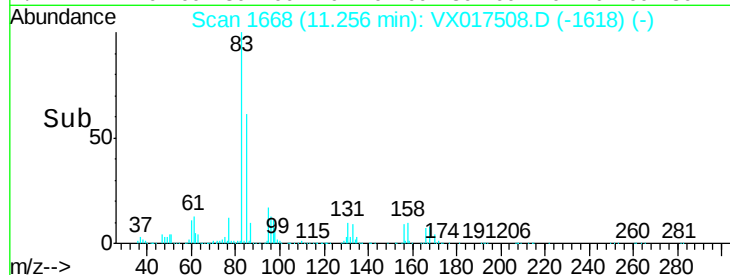
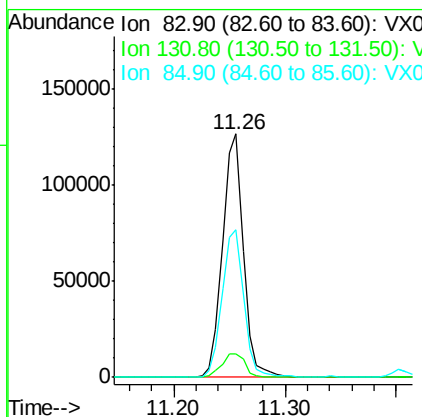
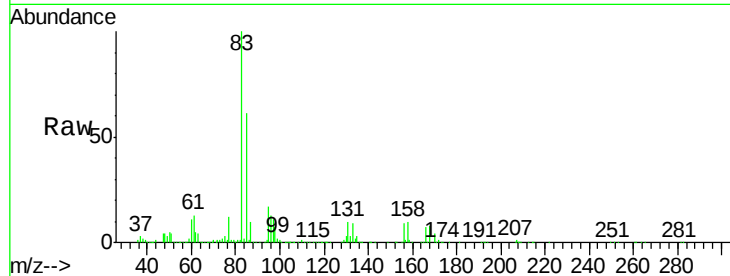
ClientSampleId :

VX0723WBS02

Tot Ion:	83	Resp:	164582
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.5
85	63.5	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 20.650 ug/l m

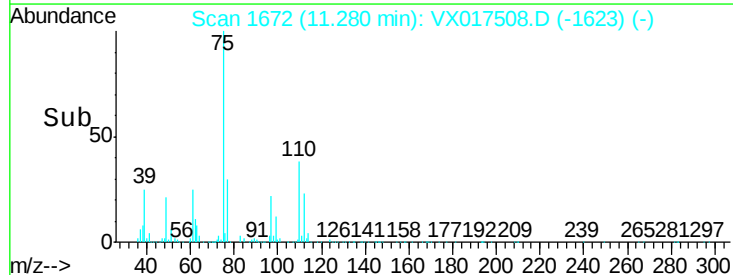
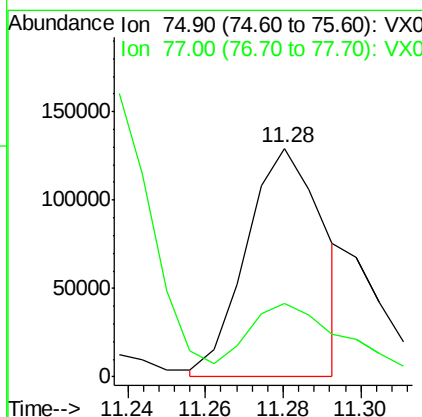
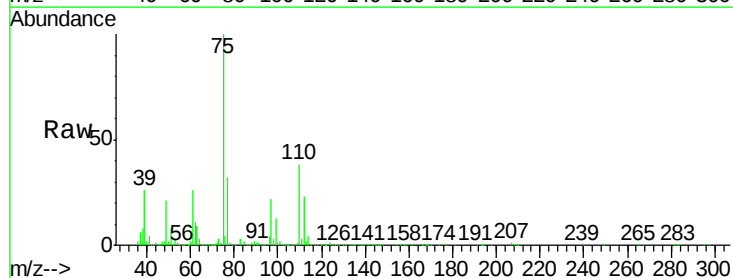
RT: 11.28 min Scan# 1672

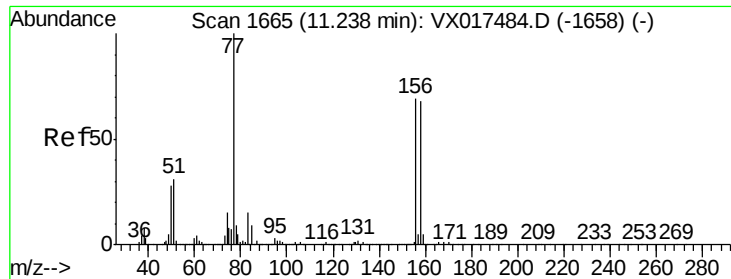
Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion:	75	Resp:	178215
Ion Ratio	Lower	Upper	
75	100		
77	40.8	21.8	65.3





#77

Bromobenzene

Concen: 17.167 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

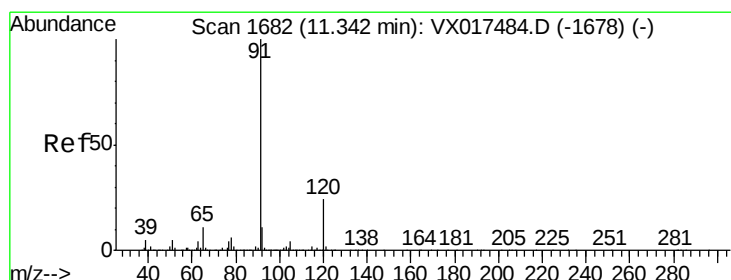
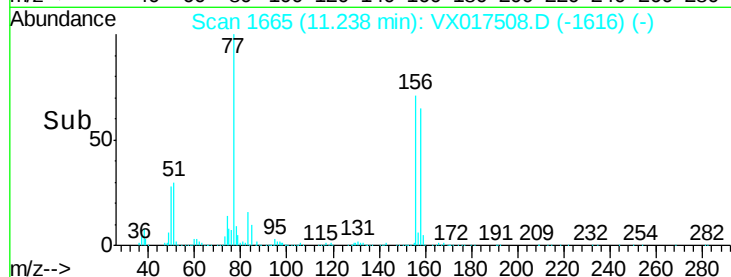
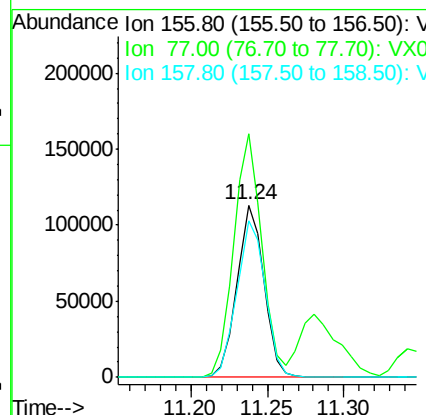
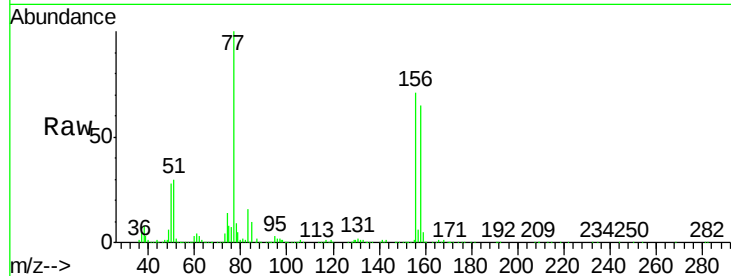
ClientSampleId :

VX0723WBS02

Tot Ion:	156	Resp:	138323
Ion Ratio	Lower	Upper	
156	100		
77	147.1	75.0	225.0
158	95.7	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.429 ug/l

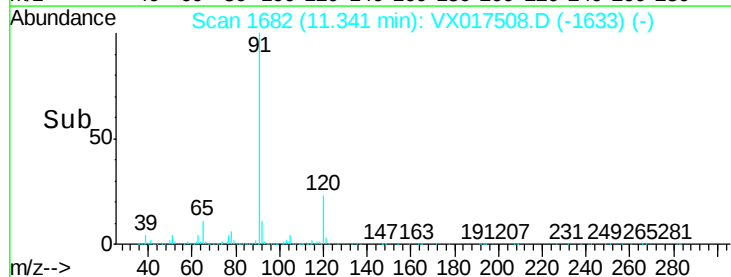
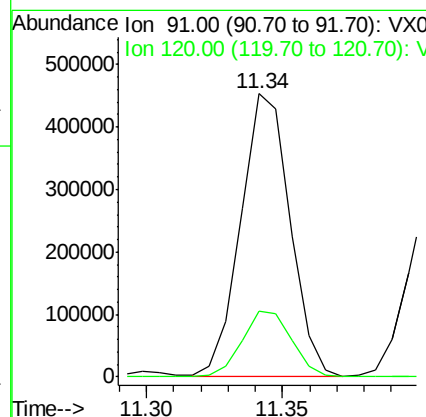
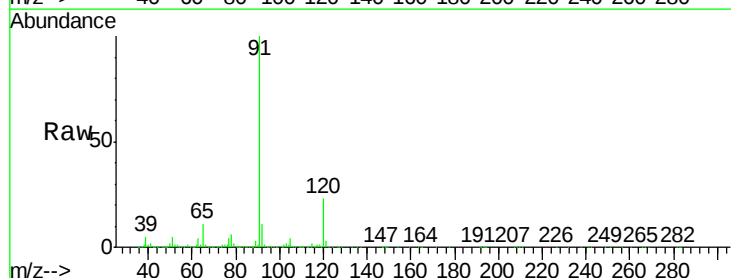
RT: 11.34 min Scan# 1682

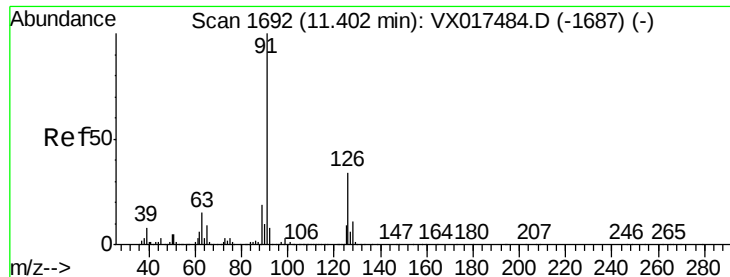
Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion:	91	Resp:	565754
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.2	36.4





#79

2-Chlorotoluene

Concen: 17.205 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 91 Resp: 345972

Ion Ratio Lower Upper

91 100

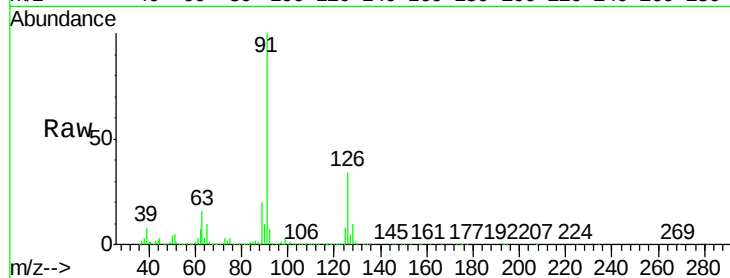
126 34.8 17.5 52.5

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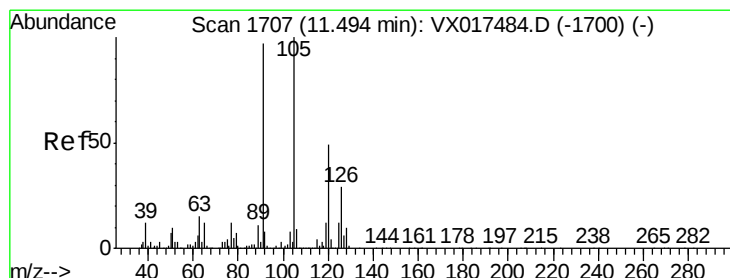
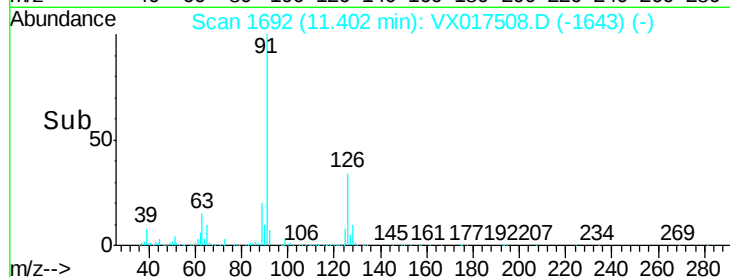
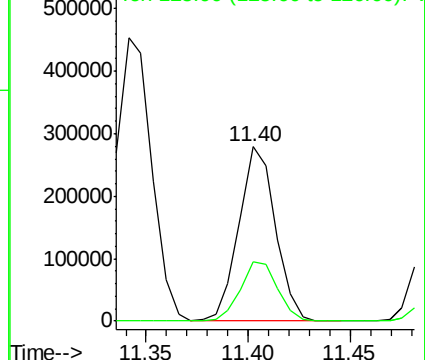
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.879 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017508.D

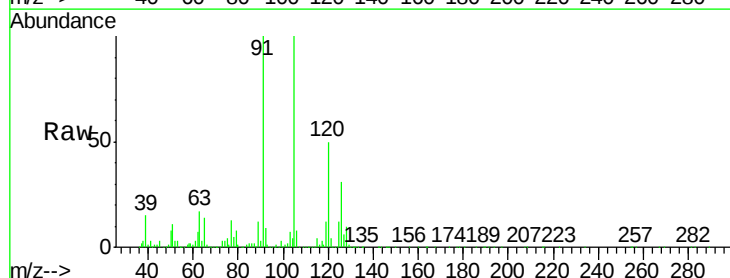
Acq: 23 Jul 2020 22:26

Tgt Ion: 105 Resp: 414789

Ion Ratio Lower Upper

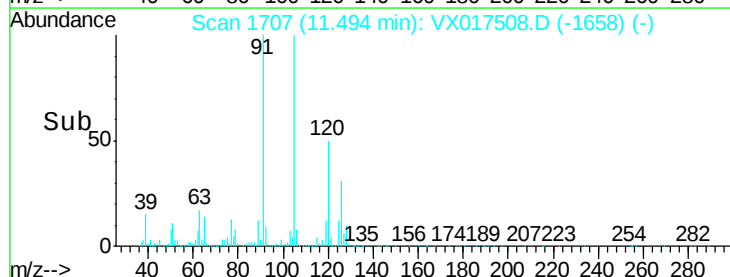
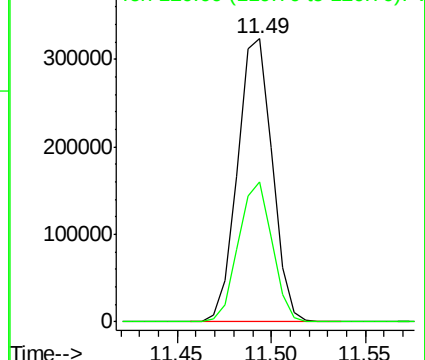
105 100

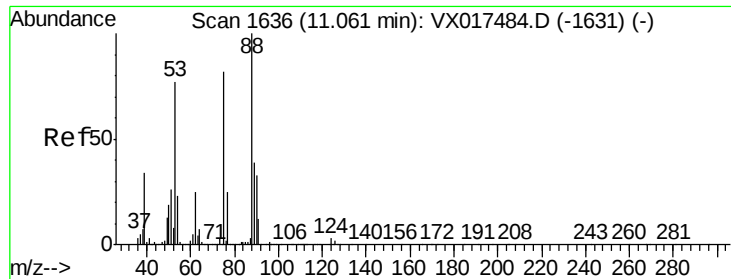
120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.670 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Instrument :

MSVOA_X

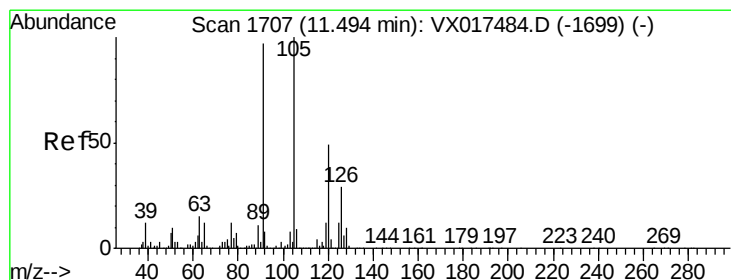
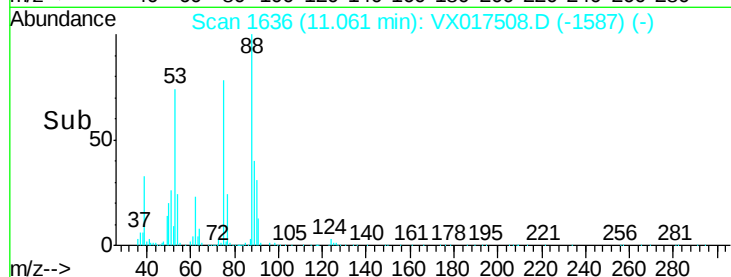
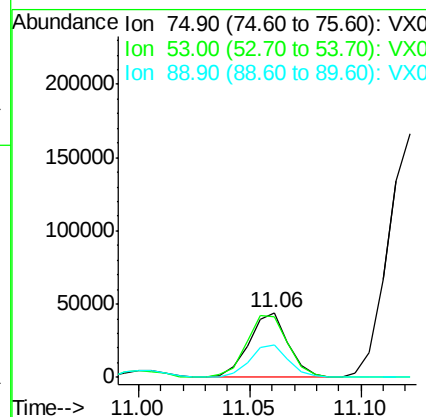
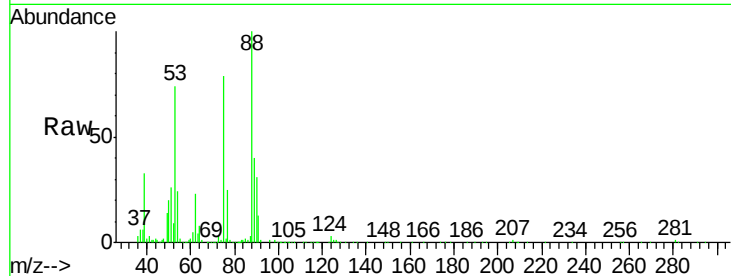
ClientSampleId :

VX0723WBS02

Tot Ion:	75	Resp:	53668
Ion	Ratio	Lower	Upper
75	100		
53	101.3	75.9	113.9
89	50.4	37.8	56.6

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#82

4-Chlorotoluene

Concen: 17.083 ug/l

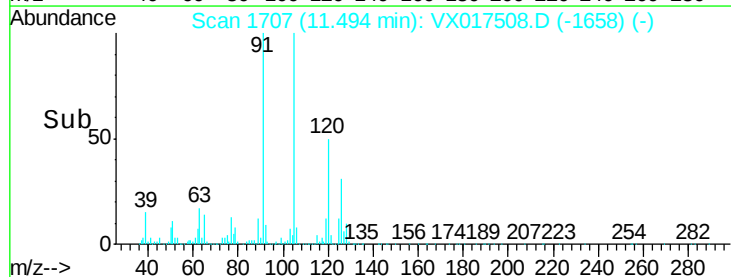
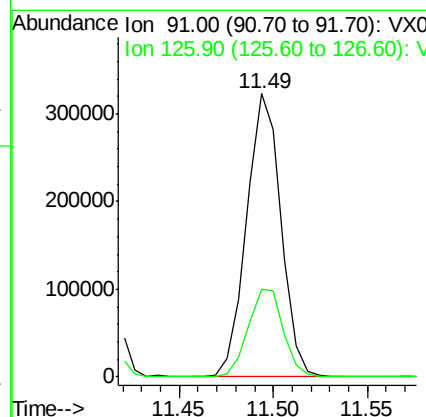
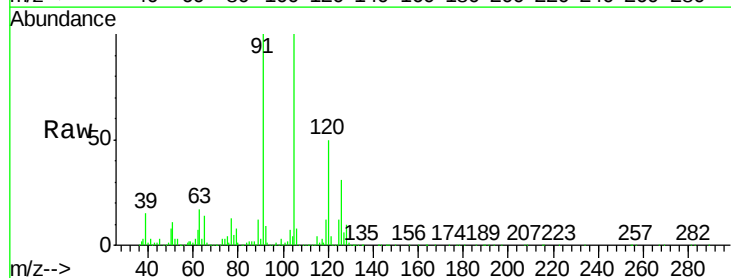
RT: 11.49 min Scan# 1707

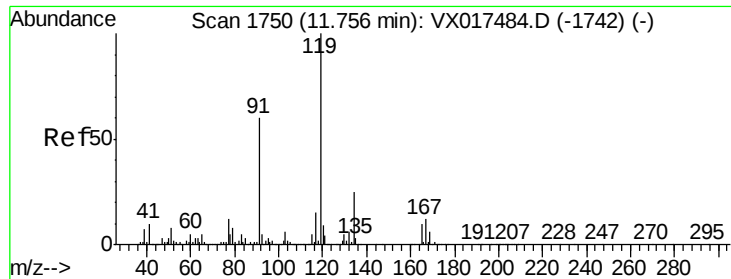
Delta R.T. -0.00 min

Lab File: VX017508.D

Acq: 23 Jul 2020 22:26

Tgt Ion:	91	Resp:	405213
Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.2	45.6





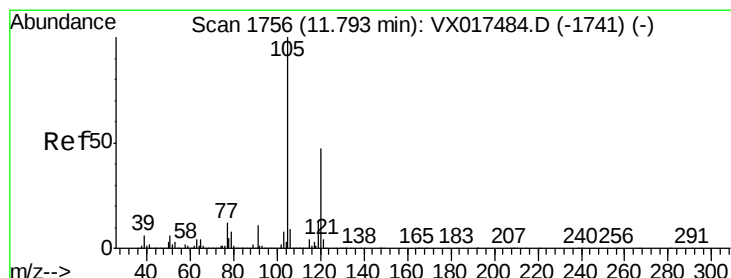
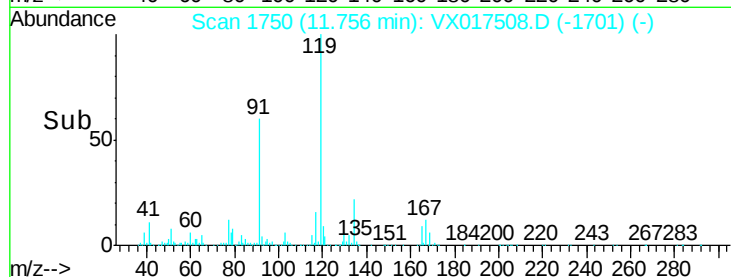
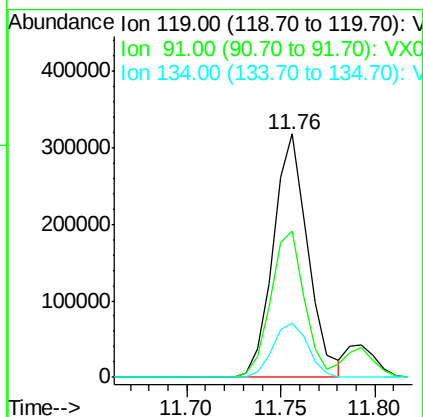
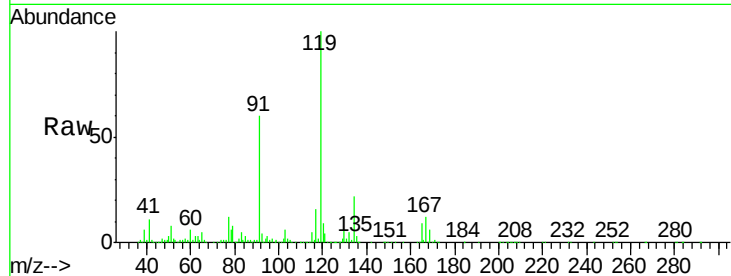
#83
 tert-Butylbenzene
 Concen: 17.186 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	404115		
91	58.5	29.3	88.0	
134	22.9	11.2	33.6	

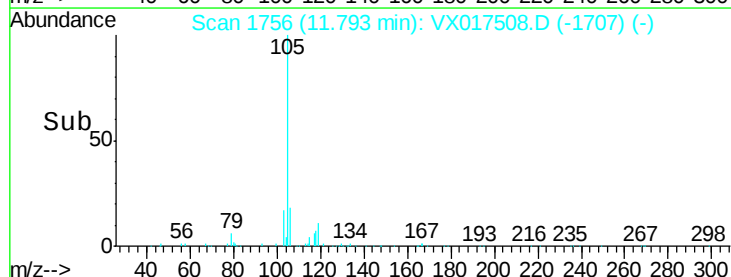
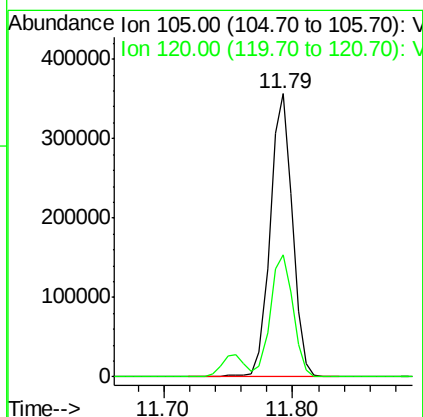
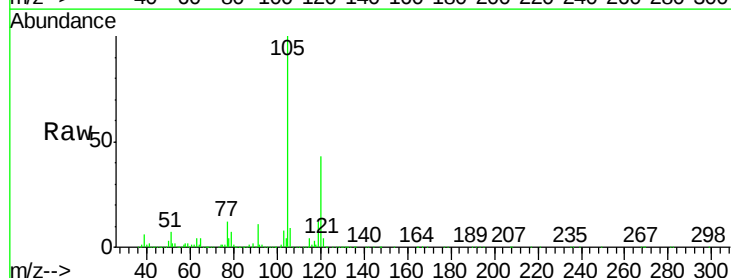
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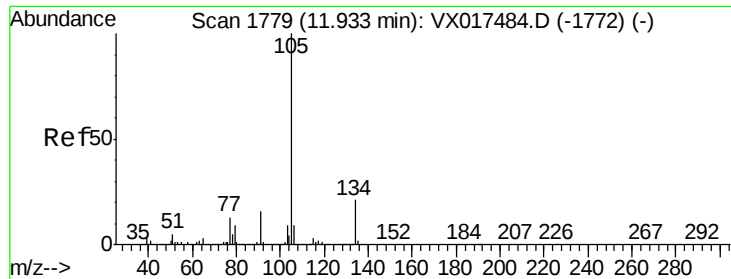
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.604 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	430268		
120	44.1	22.7	68.0	





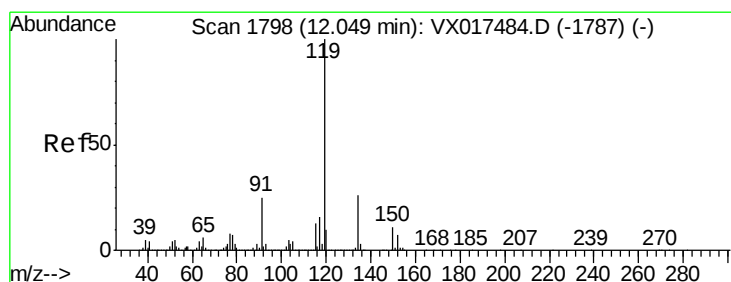
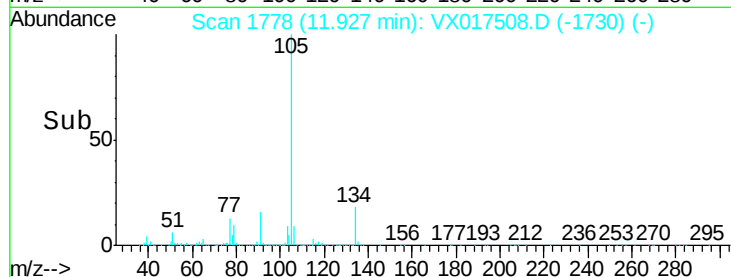
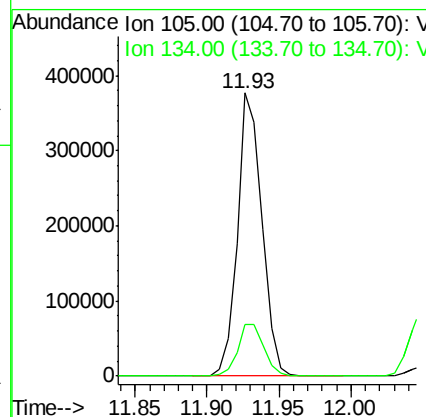
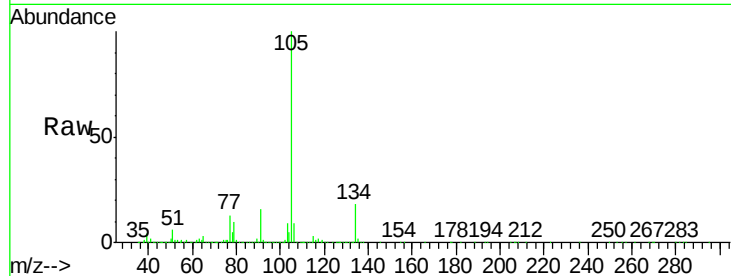
#85
 sec-Butylbenzene
 Concen: 16.275 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.4	31.2

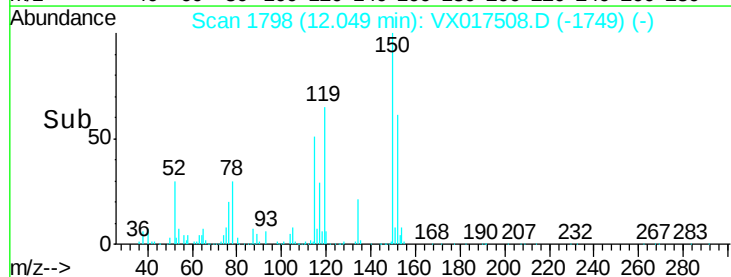
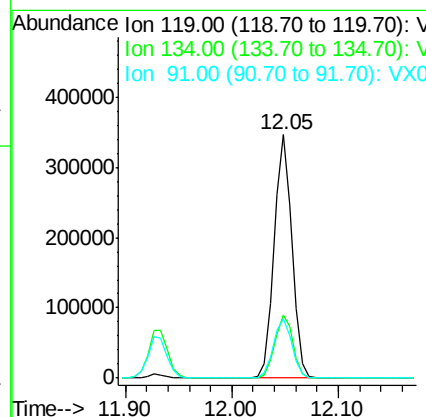
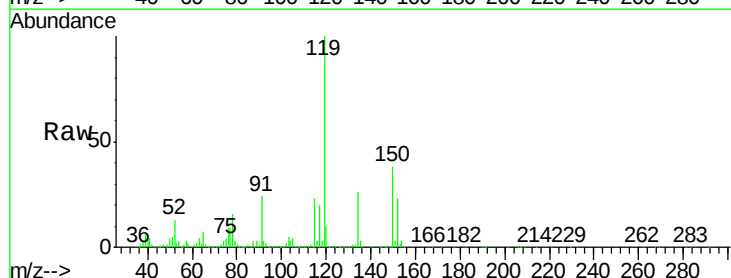
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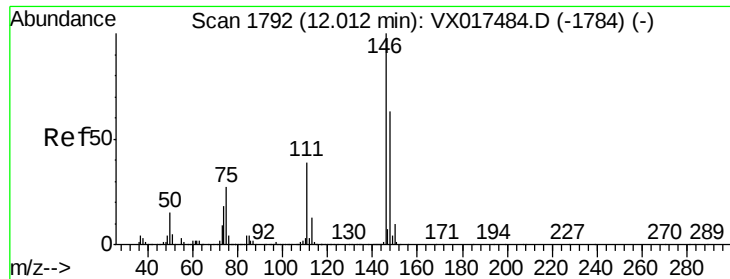
MMDadoda
 7/24/2020 9:56:05 AM



#86
 p-Isopropyltoluene
 Concen: 15.585 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.3
91	25.4	12.1	36.3





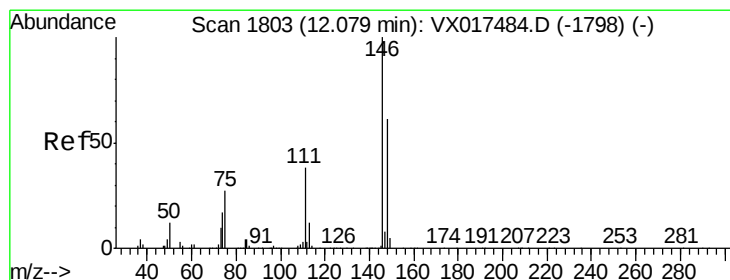
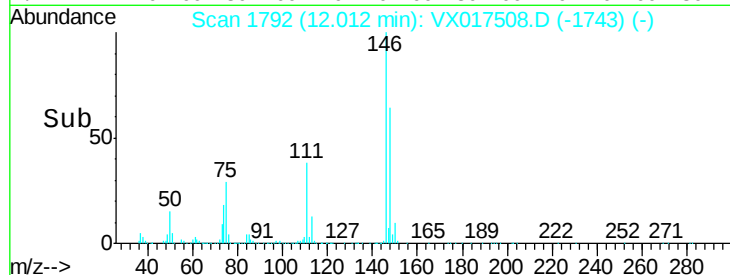
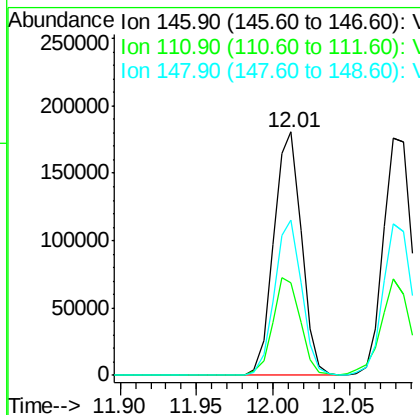
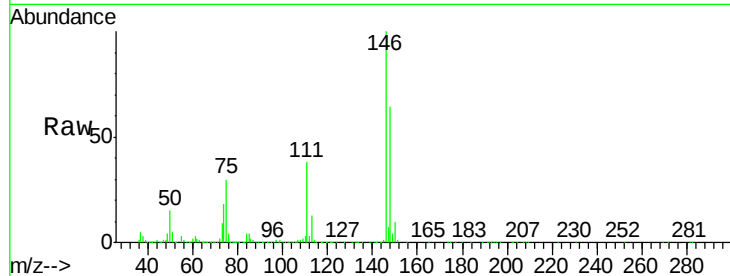
#87
 1,3-Dichlorobenzene
 Concen: 16.505 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	228372		
111	40.1	19.9	59.7	
148	62.6	31.6	95.0	

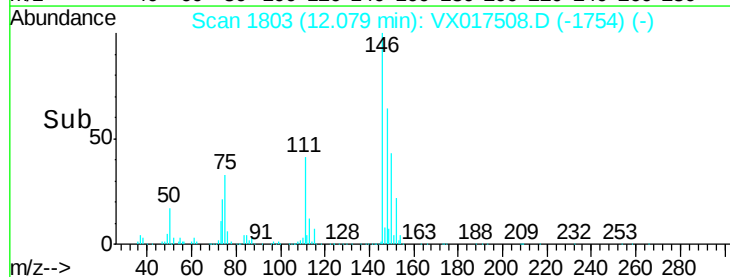
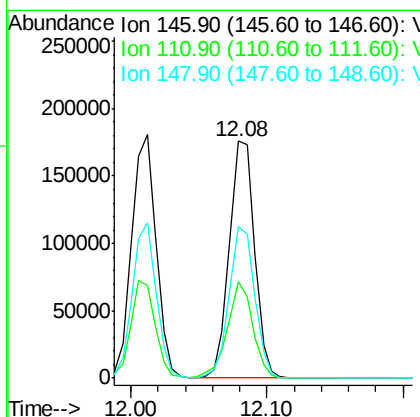
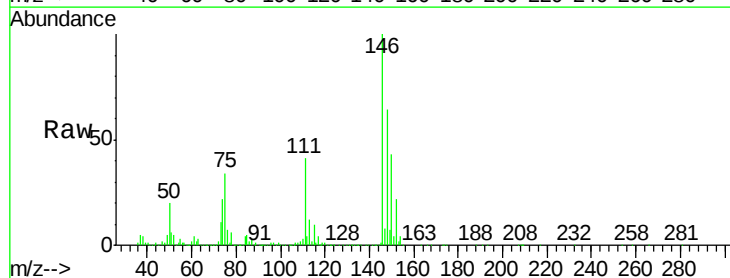
Manual Integrations
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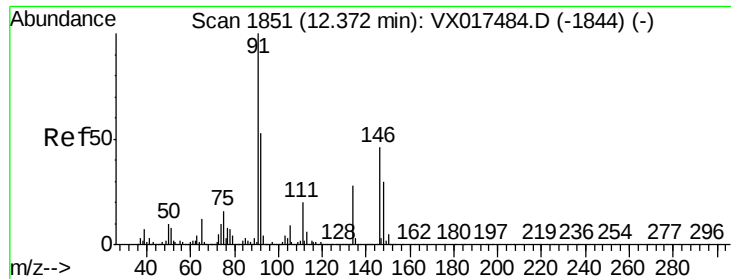
MMDadoda
 7/24/2020 9:56:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 15.922 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228201		
111	41.1	19.3	57.8	
148	64.6	32.2	96.6	





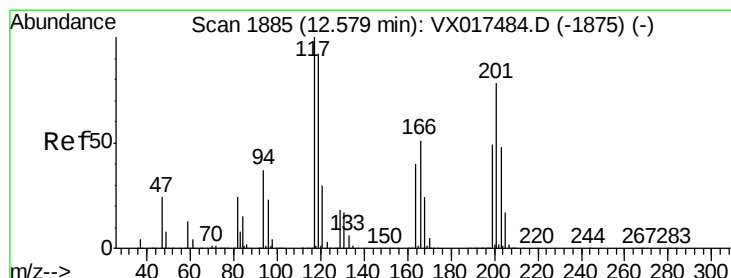
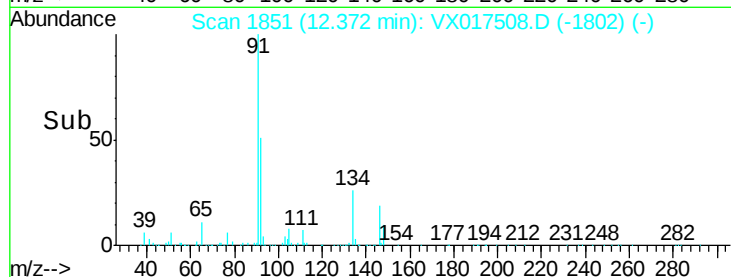
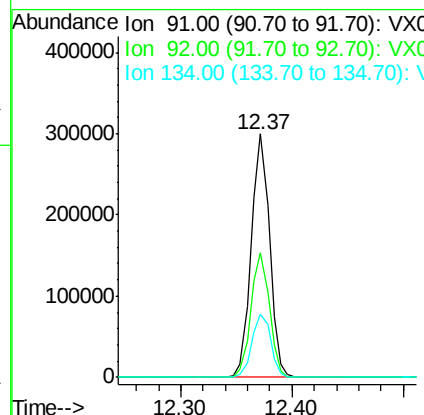
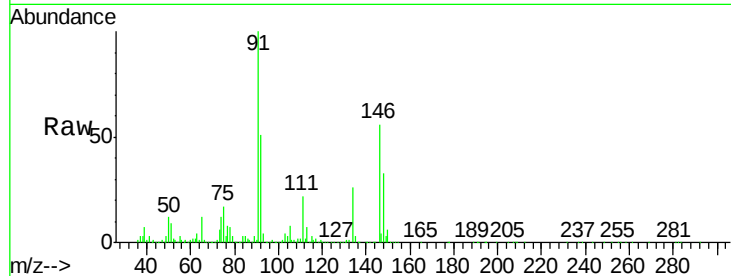
#89
n-Butylbenzene
Concen: 14.694 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	341545		
92	51.6	26.7	80.1	
134	26.7	13.6	40.7	

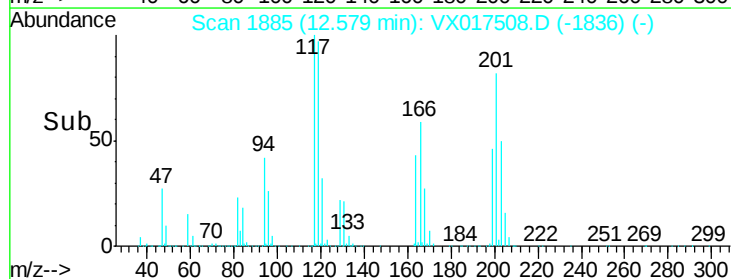
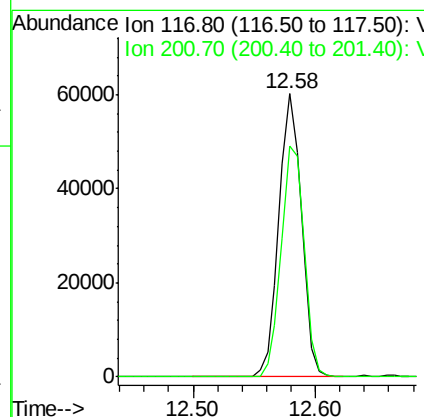
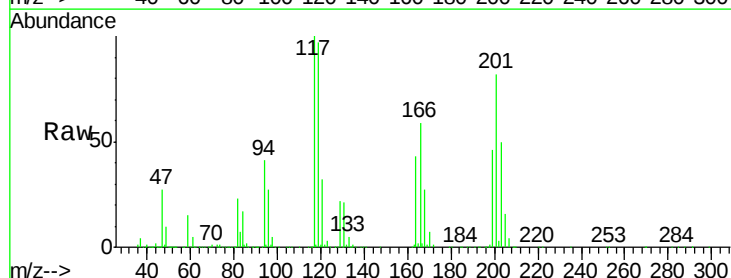
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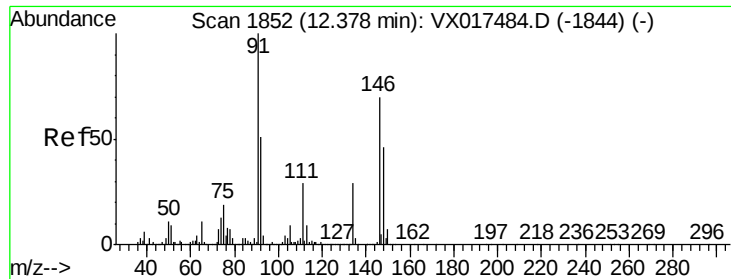
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#90
Hexachloroethane
Concen: 15.094 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77625		
201	82.5	42.2	126.6	





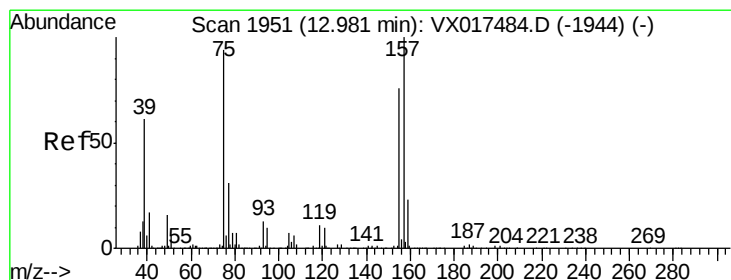
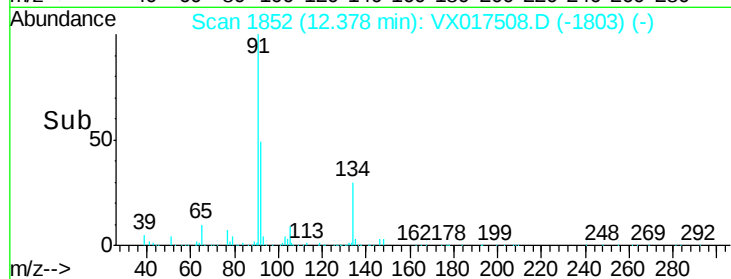
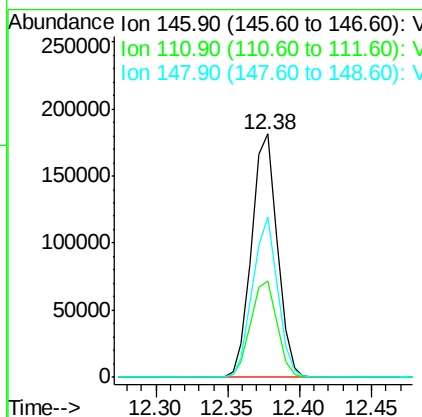
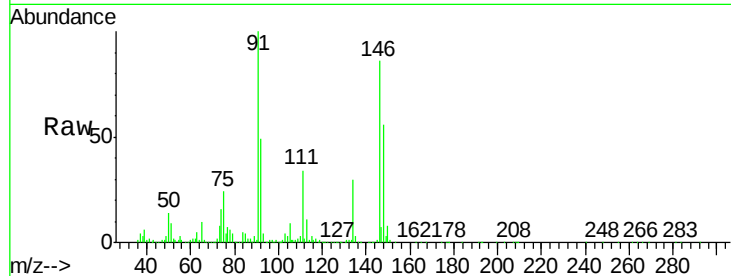
#91
 1,2-Dichlorobenzene
 Concen: 16.426 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	223381		
111	40.5	20.9	62.8	
148	64.2	32.8	98.4	

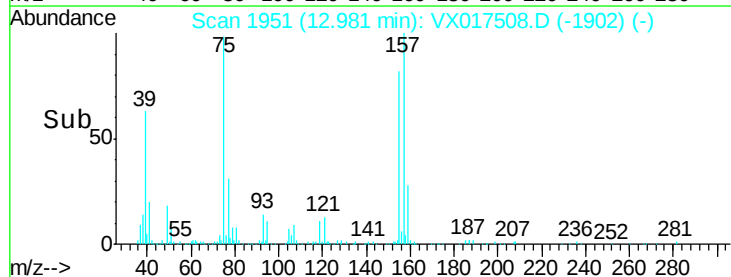
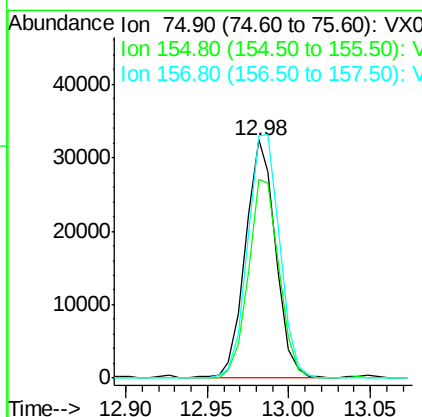
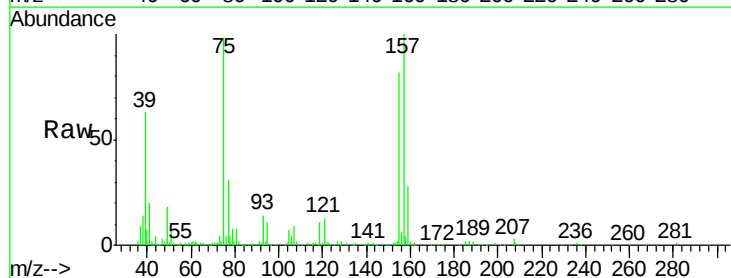
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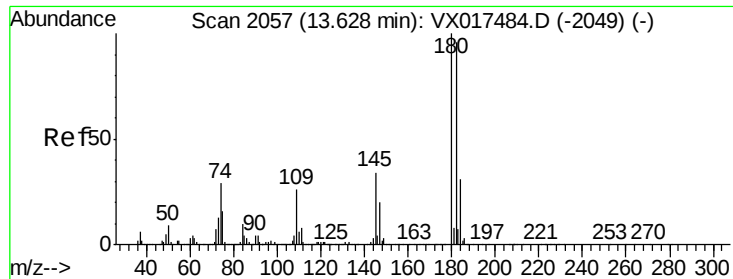
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.288 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42086		
155	84.2	42.3	126.8	
157	107.5	54.3	162.9	





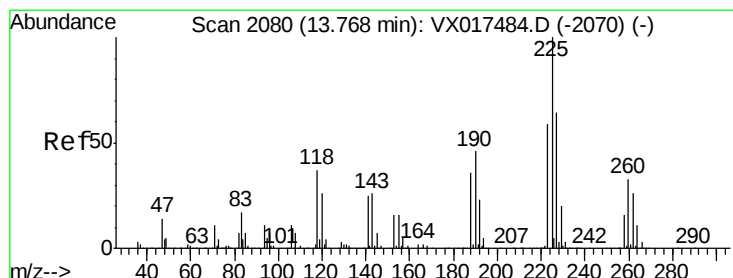
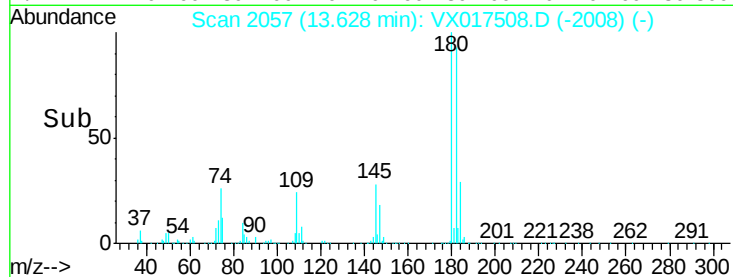
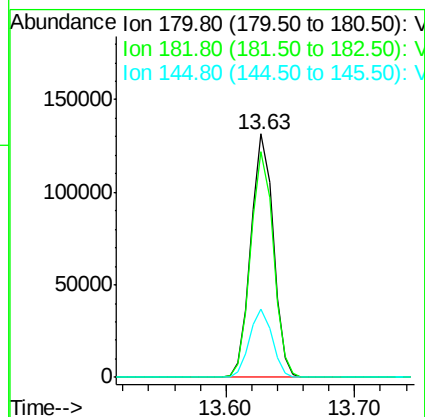
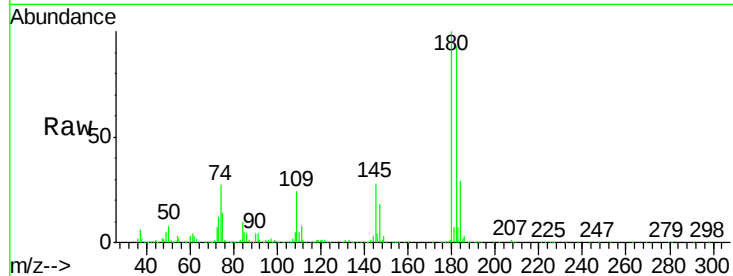
#93
 1,2,4-Trichlorobenzene
 Concen: 16.879 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156657		
182	94.2	47.5	142.6	
145	28.5	15.4	46.4	

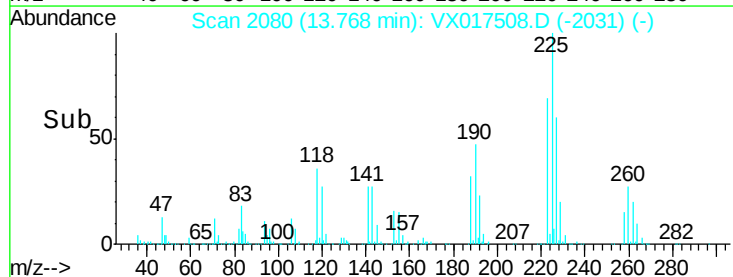
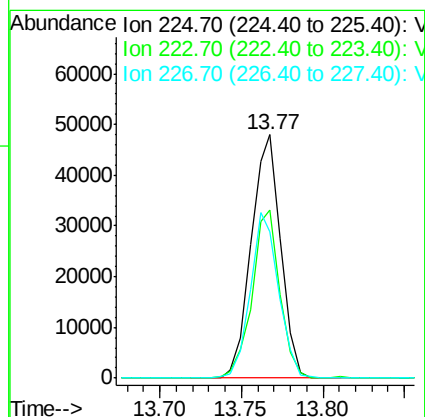
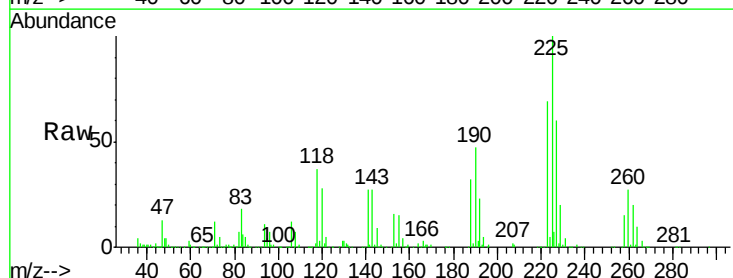
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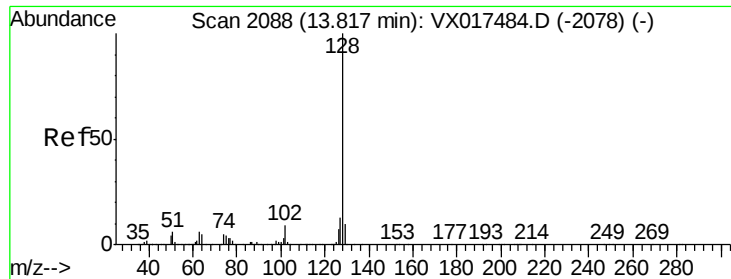
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#94
 Hexachlorobutadiene
 Concen: 14.091 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017508.D
 Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60201		
223	65.2	30.3	90.9	
227	65.4	31.1	93.2	





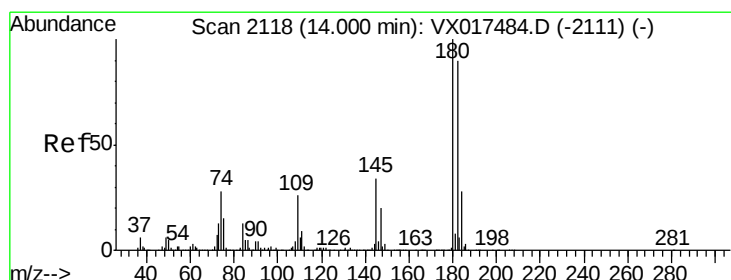
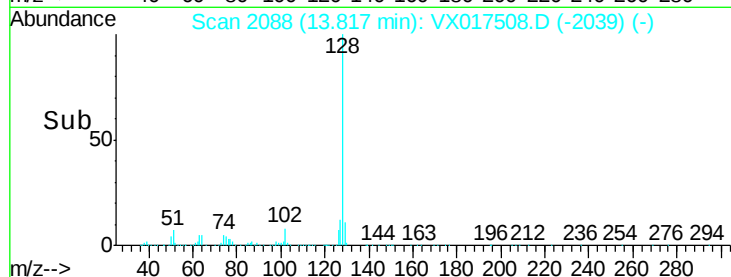
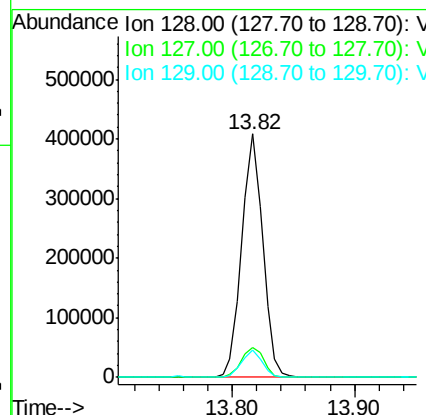
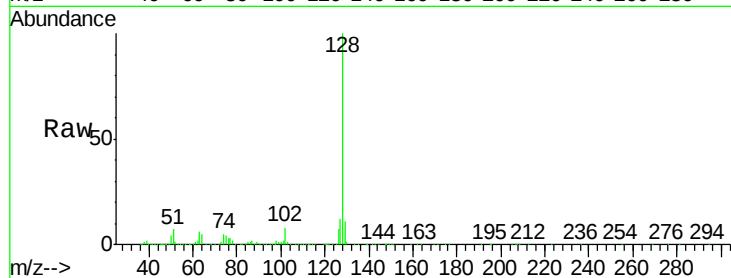
#95
Naphthalene
Concen: 17.446 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.080 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017508.D
Acq: 23 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.4	142.3
145	33.6	16.3	48.9

