

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017677.D
 Acq On : 30 Jul 2020 12:32
 Operator : JC/SP
 Sample : VX0730WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:57:55 AM

Quant Time: Jul 31 06:01:12 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	5.63	168	553866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	828338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	766690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	379857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	368791	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
35) Dibromofluoromethane	5.47	113	282948	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	8.70	98	1002323	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	370810	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	85742	15.993	ug/l	94
3) Chloromethane	1.32	50	108827	16.146	ug/l	99
4) Vinyl Chloride	1.39	62	113214	16.244	ug/l	97
5) Bromomethane	1.63	94	82730	20.273	ug/l	96
6) Chloroethane	1.71	64	67770	17.132	ug/l	98
7) Trichlorofluoromethane	1.92	101	189559	17.291	ug/l	97
8) Diethyl Ether	2.17	74	64675	17.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102045	16.963	ug/l	97
10) Methyl Iodide	2.50	142	115902	15.059	ug/l	94
11) Tert butyl alcohol	3.01	59	134671	89.812	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97682	17.075	ug/l	98
13) Acrolein	2.28	56	96227	86.807	ug/l	99
14) Allyl chloride	2.71	41	185659	17.773	ug/l	99
15) Acrylonitrile	3.12	53	287889	88.891	ug/l	100
16) Acetone	2.42	43	261755	83.590	ug/l	95
17) Carbon Disulfide	2.56	76	273305	15.718	ug/l	99
18) Methyl Acetate	2.75	43	137286	18.615	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	344260	17.386	ug/l	100
20) Methylene Chloride	2.84	84	113414	18.419	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	107126	17.480	ug/l	94
22) Diisopropyl ether	3.83	45	345711	18.100	ug/l	99
23) Vinyl Acetate	3.79	43	1514852	88.950	ug/l	99
24) 1,1-Dichloroethane	3.67	63	197793	17.977	ug/l	99
25) 2-Butanone	4.64	43	394924	88.777	ug/l	97
26) 2,2-Dichloropropane	4.56	77	179829	18.258	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	118668	17.827	ug/l	99
28) Bromochloromethane	4.98	49	101429	20.343	ug/l	99
29) Tetrahydrofuran	5.09	42	245031	88.924	ug/l	98
30) Chloroform	5.18	83	208982	18.589	ug/l	99
31) Cyclohexane	5.55	56	153100	17.449	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	192801	18.186	ug/l	99
36) 1,1-Dichloropropene	5.78	75	145159	18.272	ug/l	99
37) Ethyl Acetate	4.79	43	152821	17.581	ug/l	97
38) Carbon Tetrachloride	5.76	117	174605	18.098	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	153551	16.557	ug/l	97
40) Benzene	6.12	78	423791	18.606	ug/l	97
41) Methacrylonitrile	5.01	41	87268	17.515	ug/l	98
42) 1,2-Dichloroethane	6.17	62	172622	18.526	ug/l	96
43) Isopropyl Acetate	6.42	43	257181	17.932	ug/l	100
44) Trichloroethene	7.19	130	120873	18.159	ug/l	93
45) 1,2-Dichloropropane	7.49	63	109748	17.382	ug/l	98
46) Dibromomethane	7.64	93	77626	17.396	ug/l	99
47) Bromodichloromethane	7.88	83	166151	18.505	ug/l	99
48) Methyl methacrylate	7.75	41	123419	17.360	ug/l	99
49) 1,4-Dioxane	7.71	88	48891	358.697	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	770755	90.069	ug/l	99
52) Toluene	8.77	92	260618	17.842	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	177798	17.690	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	185482	18.093	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	109429	17.984	ug/l	98
56) Ethyl methacrylate	9.16	69	164501	17.944	ug/l	98
57) 1,3-Dichloropropane	9.35	76	178413	17.806	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	417285	86.398	ug/l	98
59) 2-Hexanone	9.47	43	582128	90.354	ug/l	99
60) Dibromochloromethane	9.57	129	139086	17.984	ug/l	99
61) 1,2-Dibromoethane	9.65	107	118799	18.338	ug/l	100
64) Tetrachloroethene	9.32	164	127164	18.480	ug/l	98
65) Chlorobenzene	10.12	112	293430	17.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	120835	18.042	ug/l	98
67) Ethyl Benzene	10.24	91	508044	18.340	ug/l	98
68) m/p-Xylenes	10.34	106	384557	35.834	ug/l	97
69) o-Xylene	10.68	106	181269	17.562	ug/l	98
70) Styrene	10.70	104	320379	18.244	ug/l	98
71) Bromoform	10.84	173	103039	17.757	ug/l #	100
73) Isopropylbenzene	11.00	105	507597	19.479	ug/l	100
74) N-amyl acetate	10.88	43	212615	18.363	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	137248	16.874	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	139382m	17.838	ug/l	
77) Bromobenzene	11.24	156	130605	17.903	ug/l	99
78) n-propylbenzene	11.34	91	522753	17.787	ug/l	100
79) 2-Chlorotoluene	11.40	91	314180	17.257	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	403785	18.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	56647	18.267	ug/l	98
82) 4-Chlorotoluene	11.49	91	382360	17.804	ug/l	99
83) tert-Butylbenzene	11.76	119	382375	17.961	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	405859	18.340	ug/l	99
85) sec-Butylbenzene	11.93	105	453732	18.295	ug/l	99
86) p-Isopropyltoluene	12.05	119	431038	18.251	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	225515	18.001	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	228168	17.583	ug/l	99
89) n-Butylbenzene	12.37	91	362077	17.205	ug/l	98
90) Hexachloroethane	12.58	117	80388	17.265	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	218005	17.706	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	37932	18.217	ug/l	95

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Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

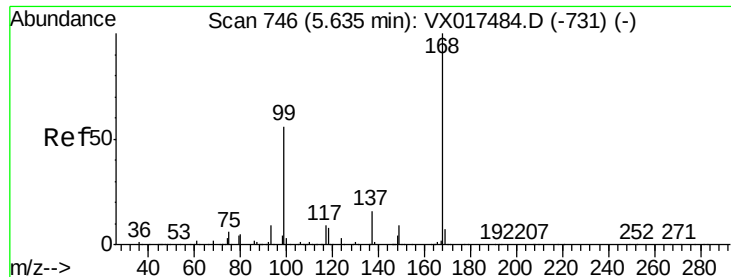
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	165029	19.639	ug/l	98
94) Hexachlorobutadiene	13.77	225	71713	18.539	ug/l	96
95) Naphthalene	13.82	128	485142	19.340	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	151914	18.309	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

Tot Ion:168 Resp: 553866

Ion Ratio Lower Upper

168 100

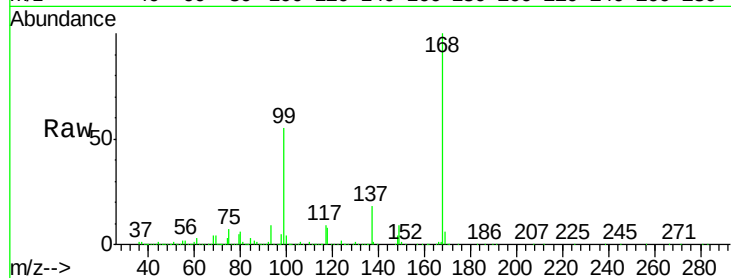
99 55.0 43.4 65.2

Manual Integrations

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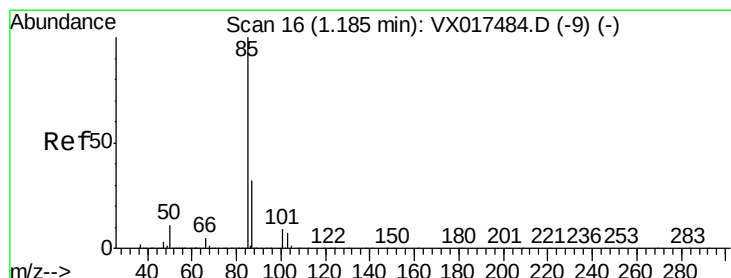
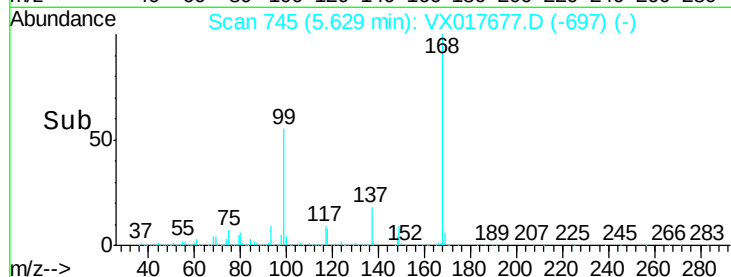
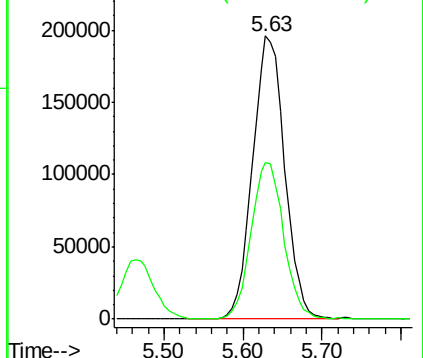
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.993 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017677.D

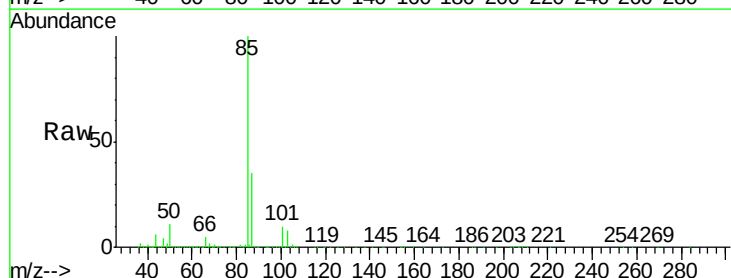
Acq: 30 Jul 2020 12:32

Tgt Ion: 85 Resp: 85742

Ion Ratio Lower Upper

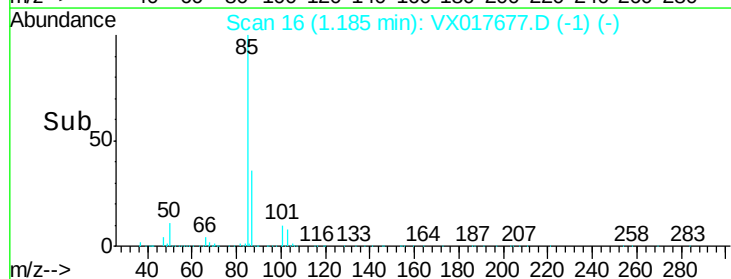
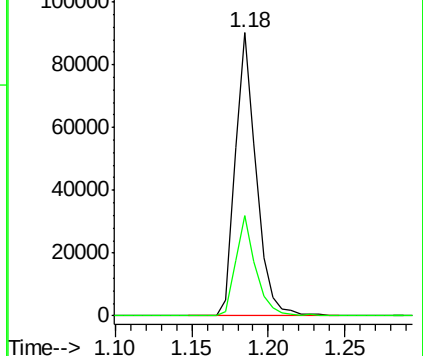
85 100

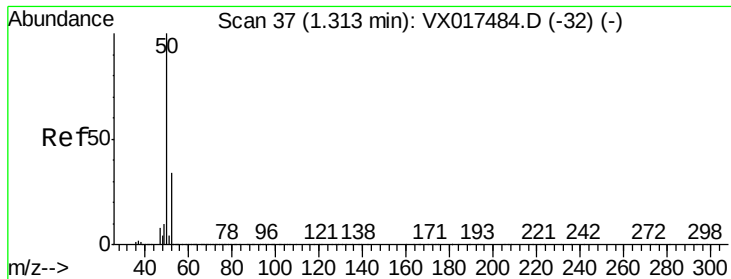
87 35.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





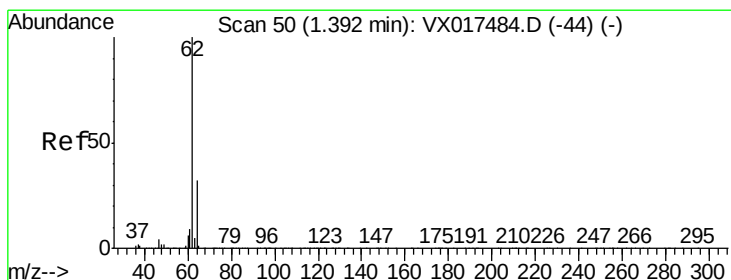
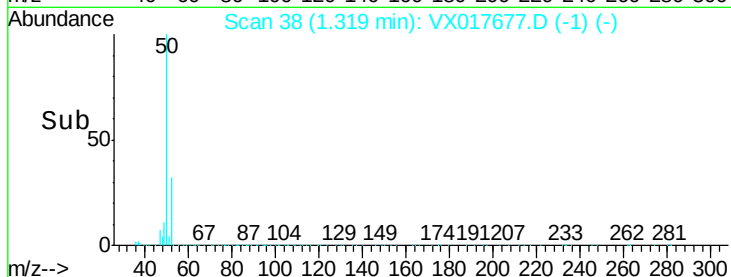
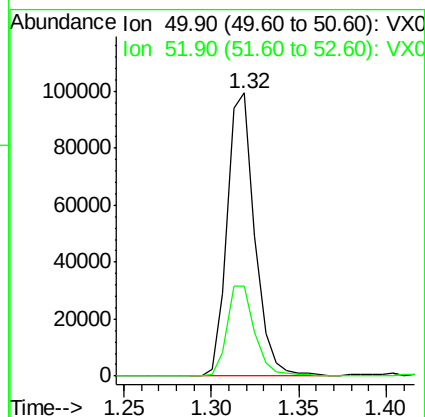
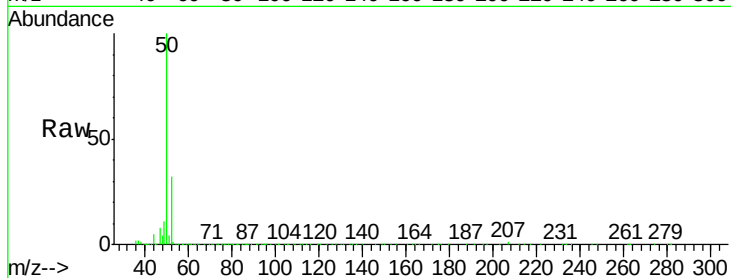
#3
Chloromethane
Concen: 16.146 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion: 50 Resp: 108827
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9

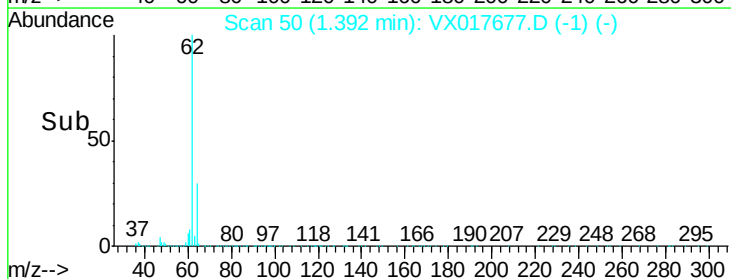
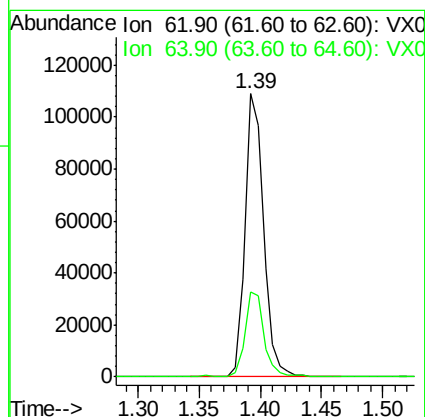
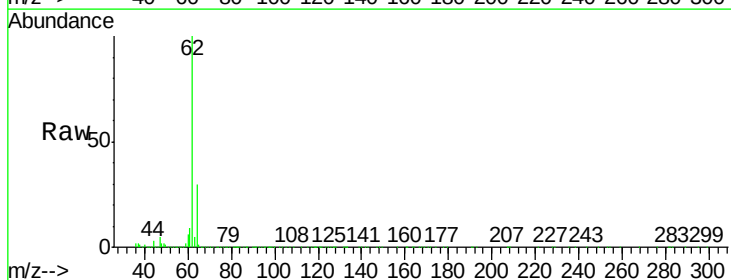
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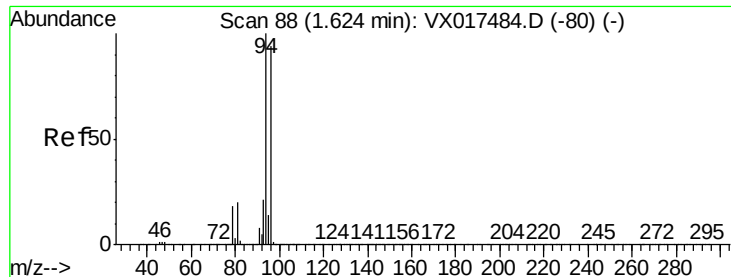
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#4
Vinyl Chloride
Concen: 16.244 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 62 Resp: 113214
Ion Ratio Lower Upper
62 100
64 29.9 25.2 37.8





#5

Bromomethane

Concen: 20.273 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

Tot Ion: 94 Resp: 82730

Ion Ratio Lower Upper

94 100

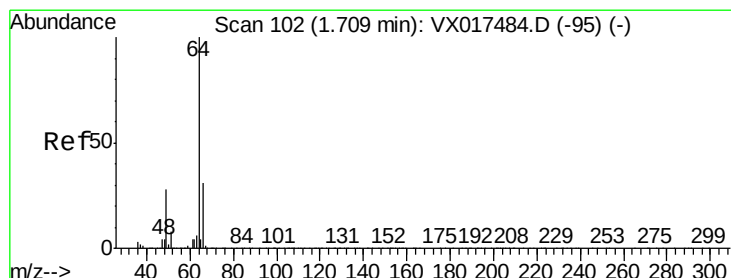
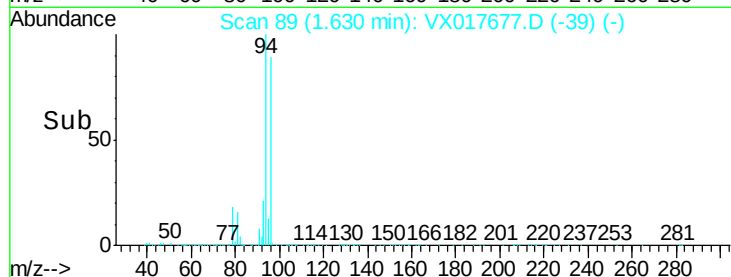
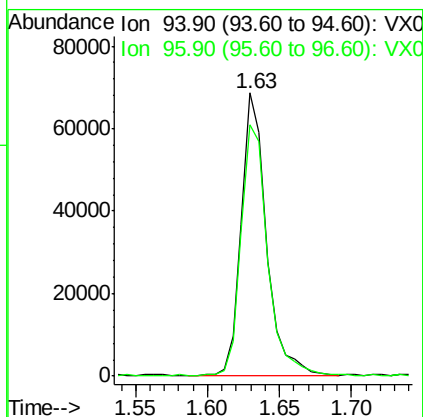
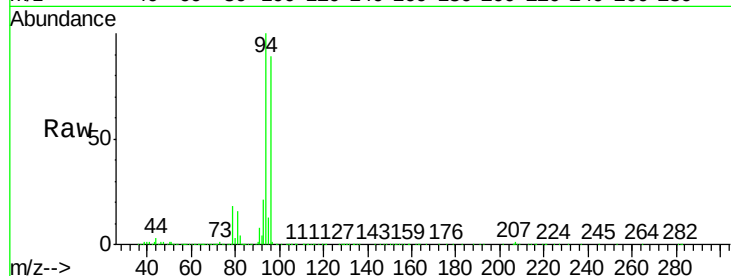
96 88.9 74.1 111.1

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#6

Chloroethane

Concen: 17.132 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017677.D

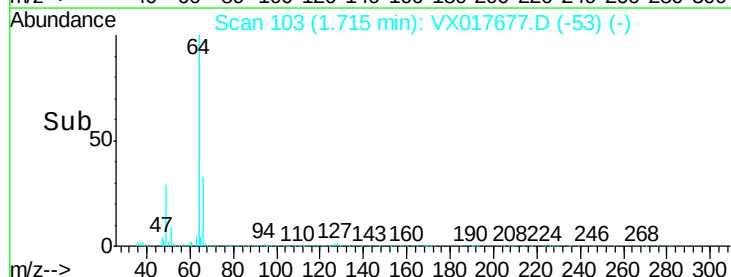
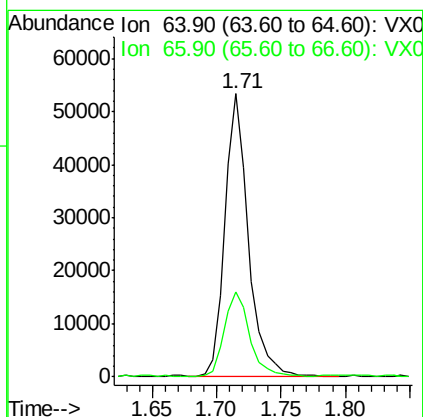
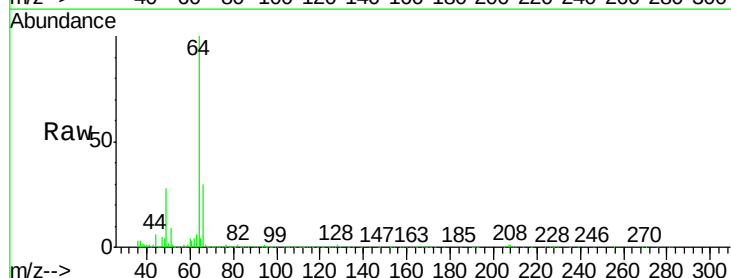
Acq: 30 Jul 2020 12:32

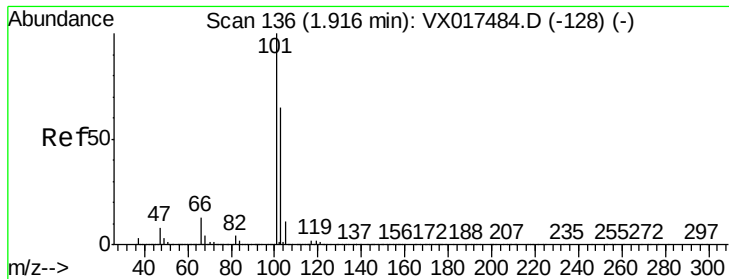
Tgt Ion: 64 Resp: 67770

Ion Ratio Lower Upper

64 100

66 29.9 24.9 37.3





#7

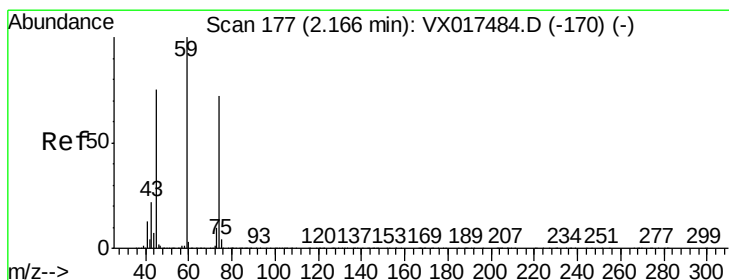
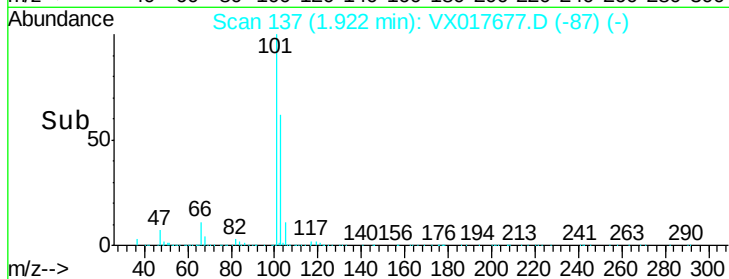
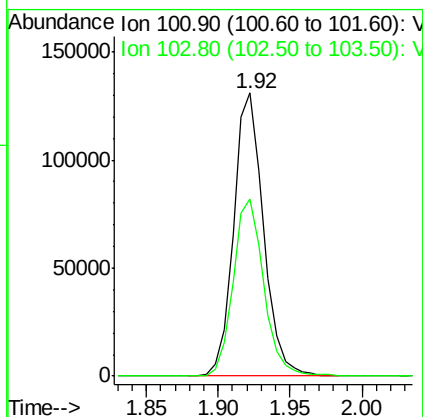
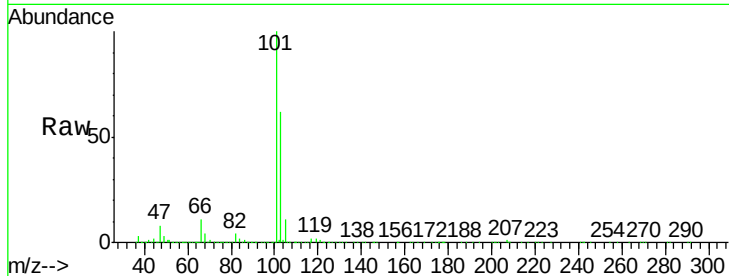
Trichlorofluoromethane
Concen: 17.291 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.8	77.8

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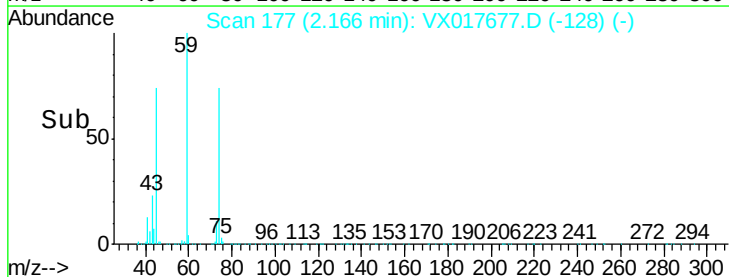
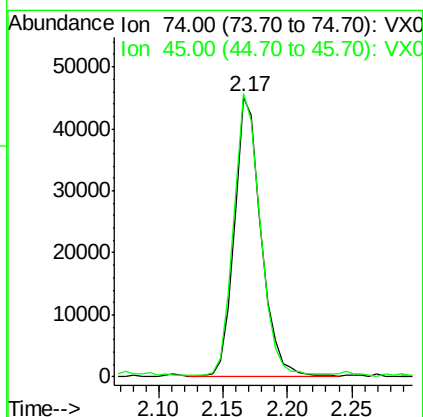
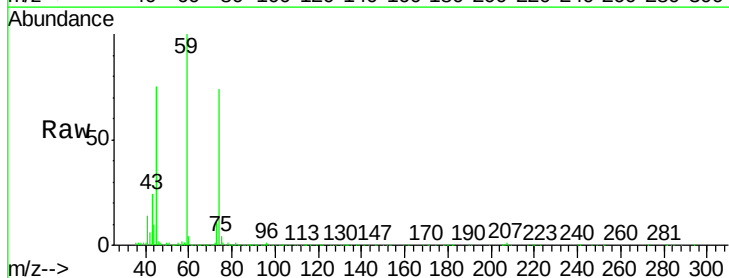
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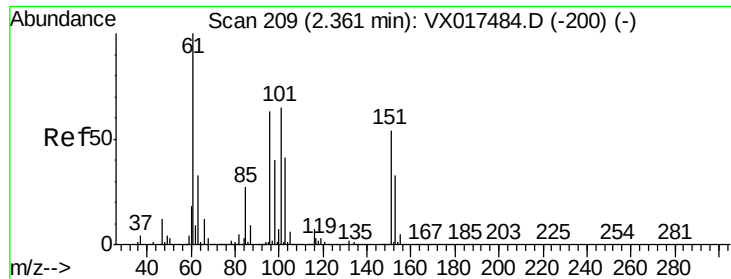


#8

Diethyl Ether
Concen: 17.307 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.963 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

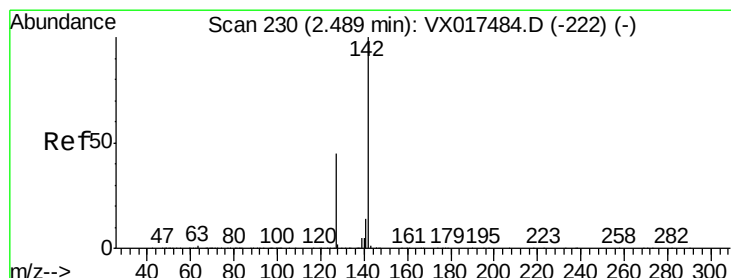
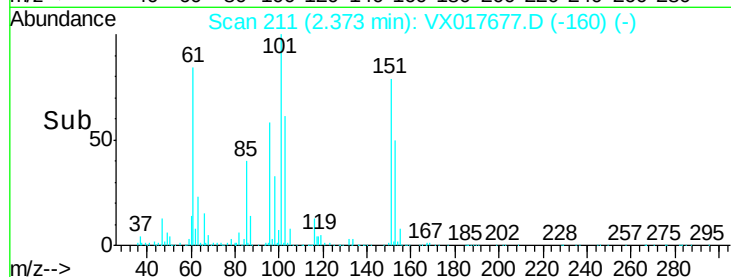
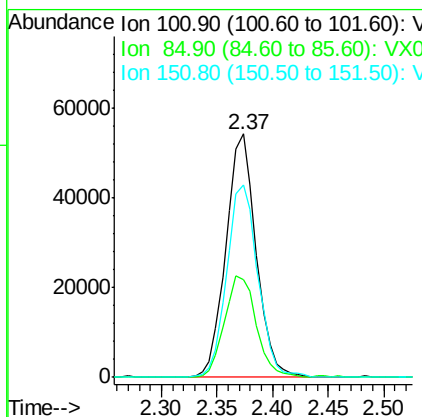
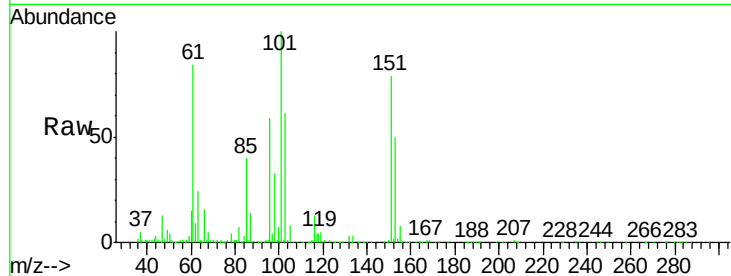
ClientSampleId :

VX0730WBS01

Tot Ion:	101	Resp:	102045
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.8	52.2
151	81.5	68.0	102.0

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#10

Methyl Iodide

Concen: 15.059 ug/l

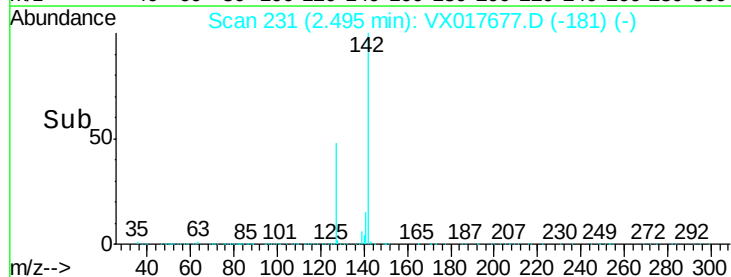
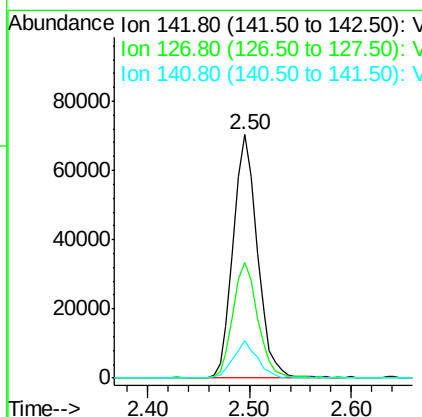
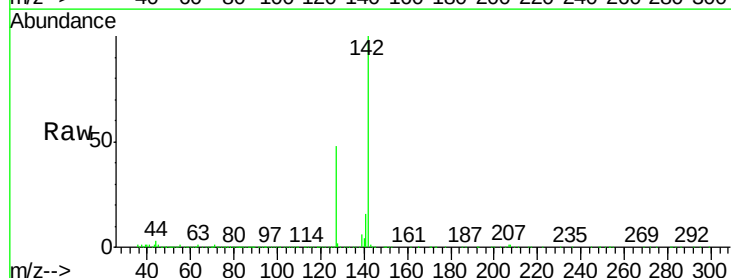
RT: 2.50 min Scan# 231

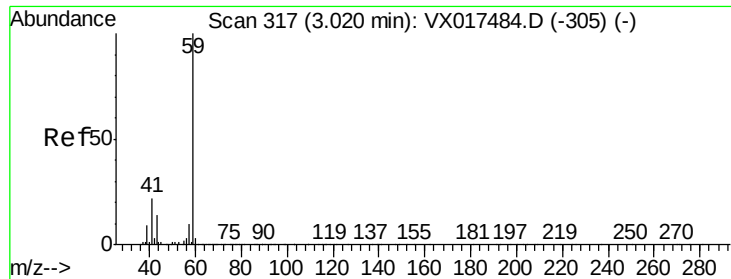
Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion:	142	Resp:	115902
Ion Ratio	Lower	Upper	
142	100		
127	49.0	35.9	53.9
141	15.6	11.4	17.0





#11

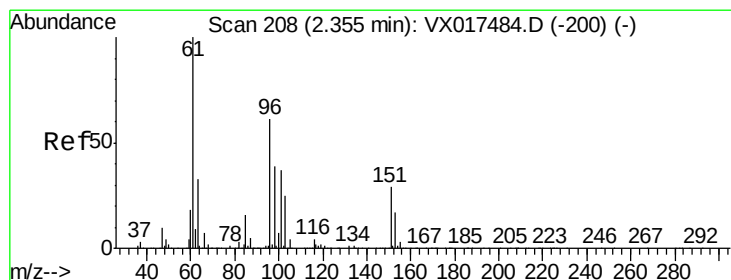
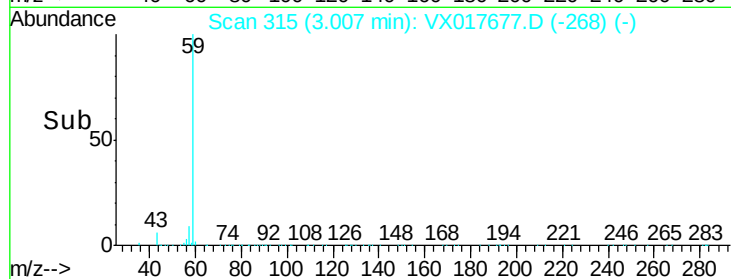
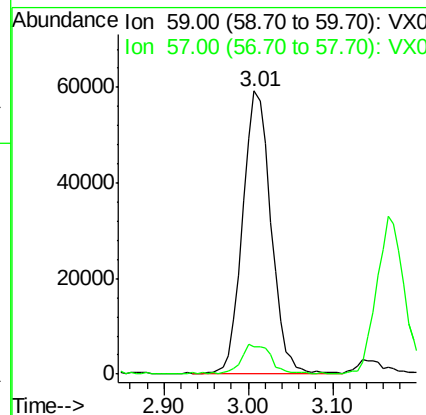
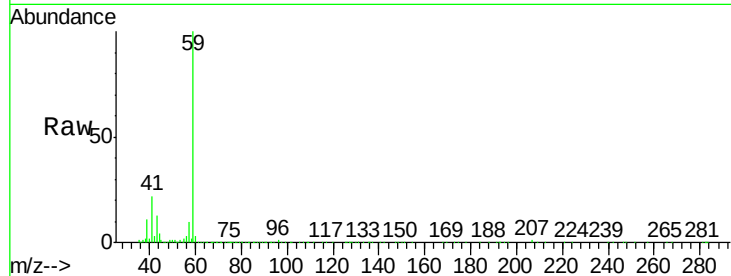
Tert butyl alcohol
Concen: 89.812 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

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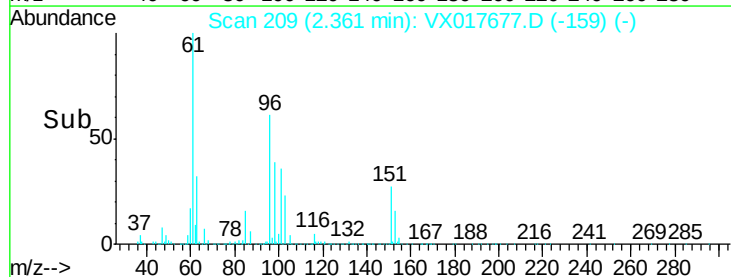
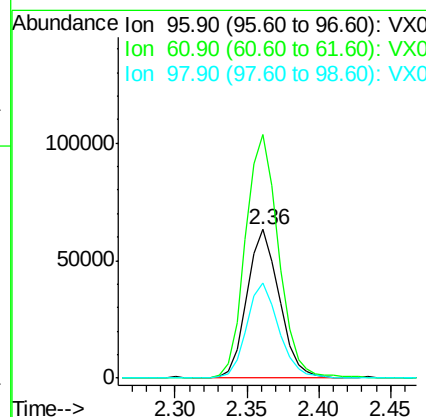
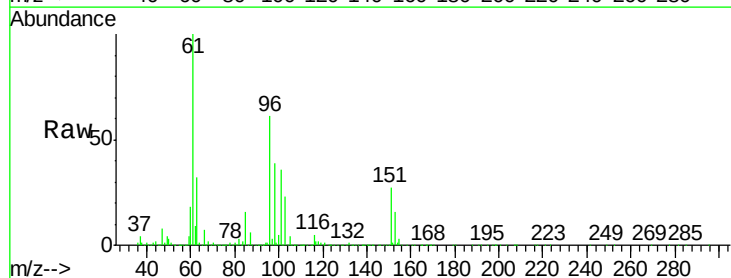
MMDadoda
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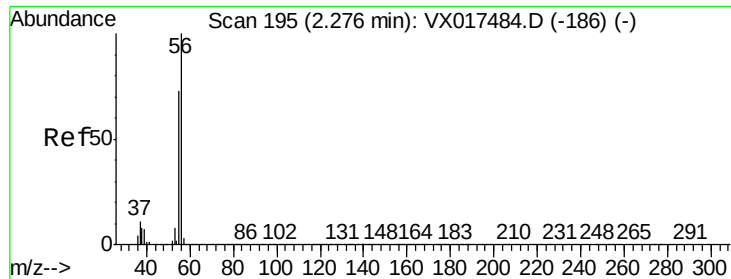


#12

1,1-Dichloroethene
Concen: 17.075 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	134.0	201.0
98	63.8	51.0	76.4





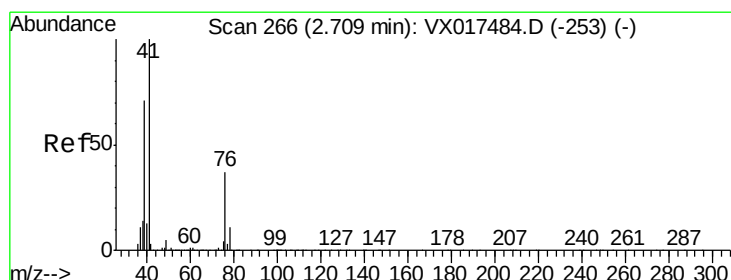
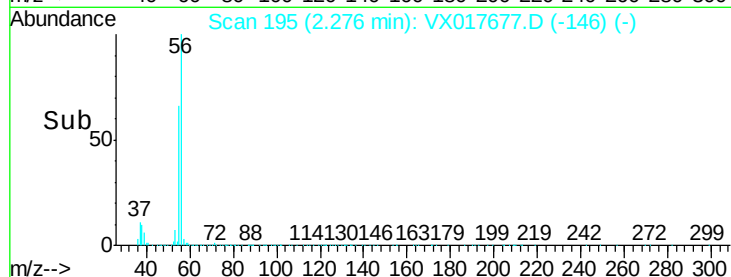
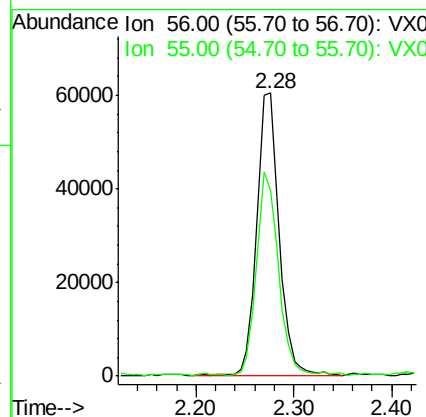
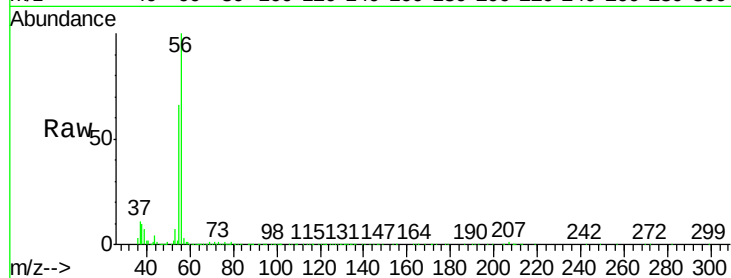
#13
Acrolein
Concen: 86.807 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.9	57.4	86.2

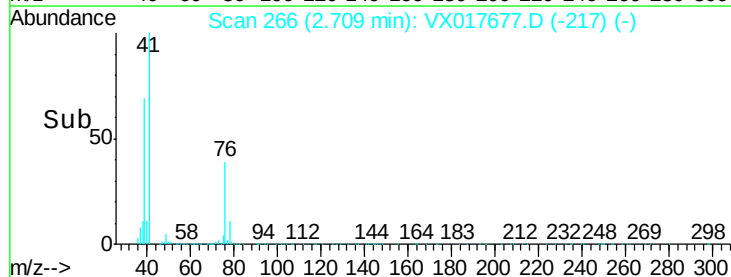
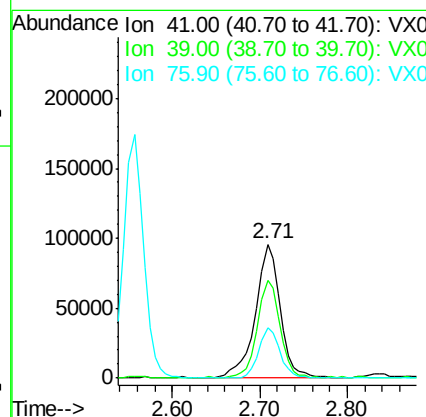
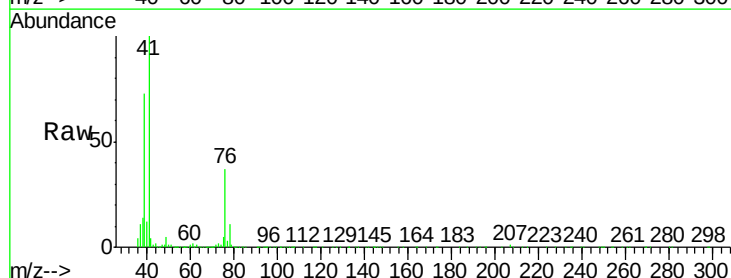
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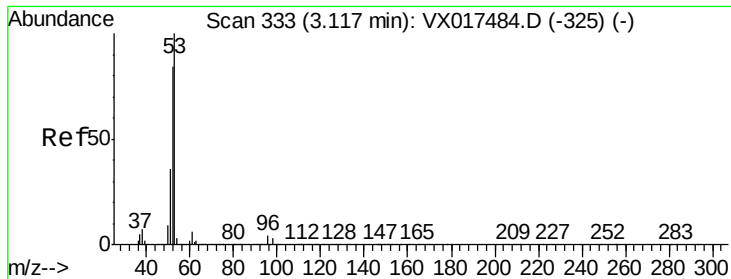
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#14
Allyl chloride
Concen: 17.773 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	66.4	51.9	77.9
76	76	32.1	25.5	38.3





#15

Acrylonitrile

Concen: 88.891 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

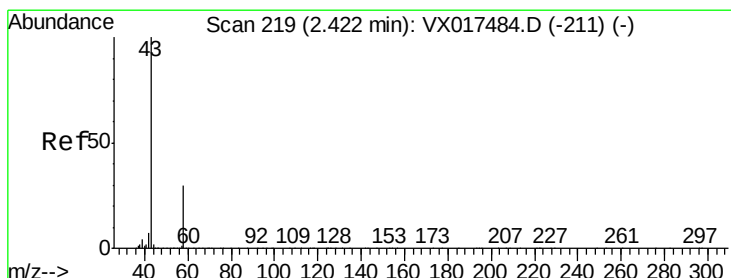
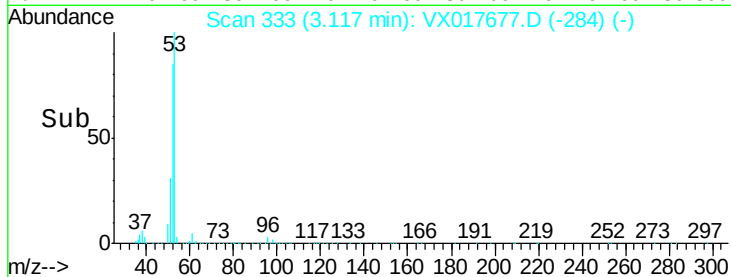
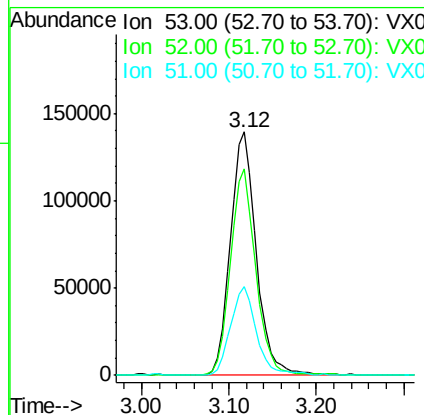
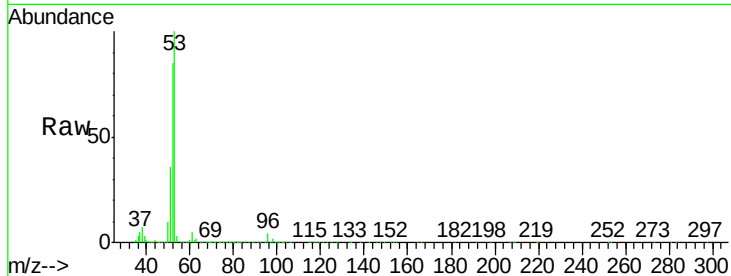
ClientSampleId :

VX0730WBS01

Tot Ion:	53	Resp:	287889
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.6	99.8
51	36.4	29.4	44.2

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#16

Acetone

Concen: 83.590 ug/l

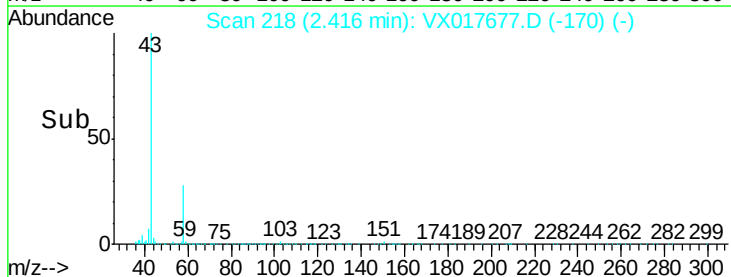
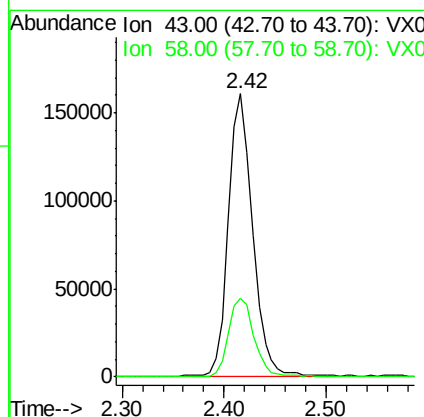
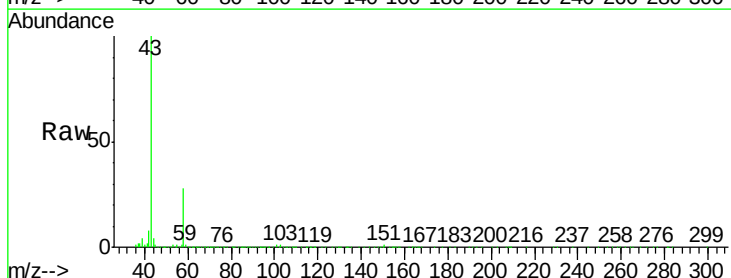
RT: 2.42 min Scan# 218

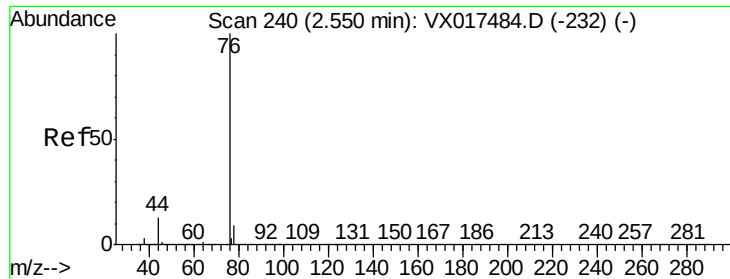
Delta R.T. -0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion:	43	Resp:	261755
Ion Ratio		Lower	Upper
43	100		
58	27.5	24.2	36.4





#17

Carbon Disulfide

Concen: 15.718 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

Tot Ion: 76 Resp: 273305

Ion Ratio Lower Upper

76 100

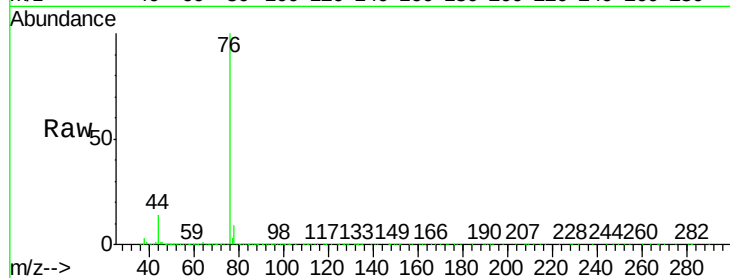
78 8.9 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

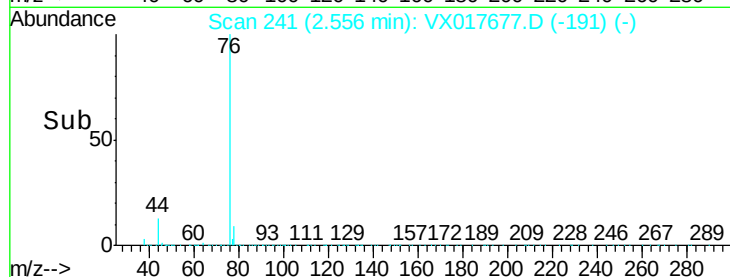
150000

100000

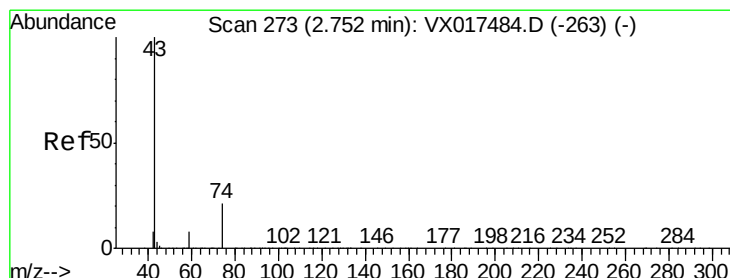
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 18.615 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017677.D

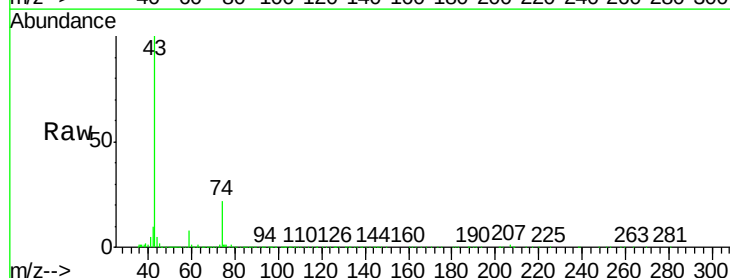
Acq: 30 Jul 2020 12:32

Tgt Ion: 43 Resp: 137286

Ion Ratio Lower Upper

43 100

74 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

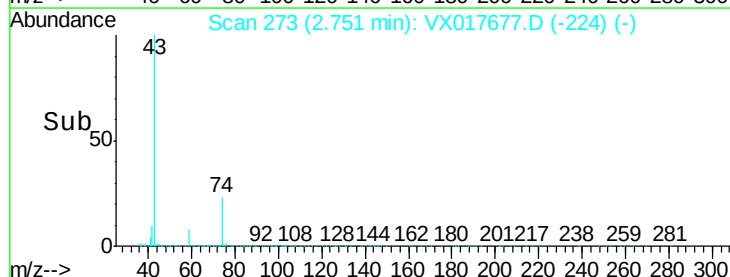
60000

40000

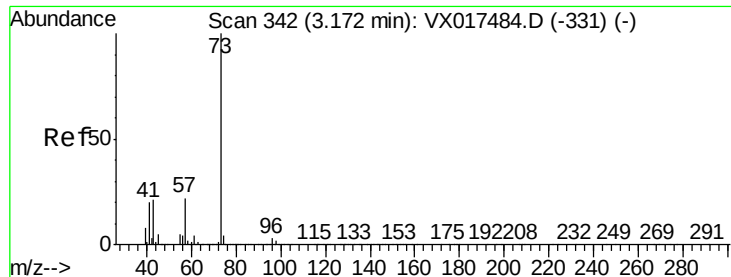
20000

0

Time-->



Time-->



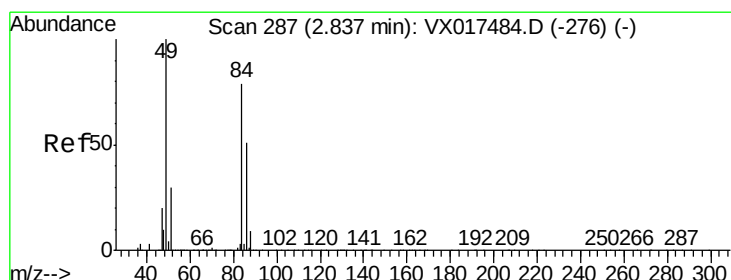
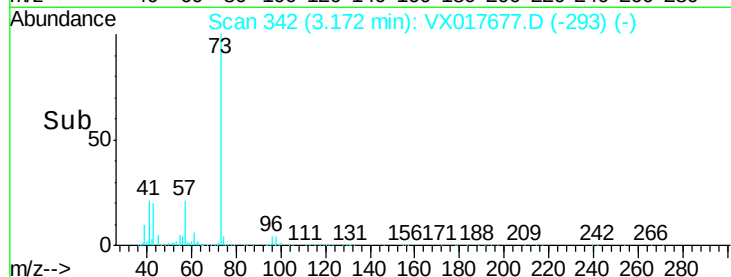
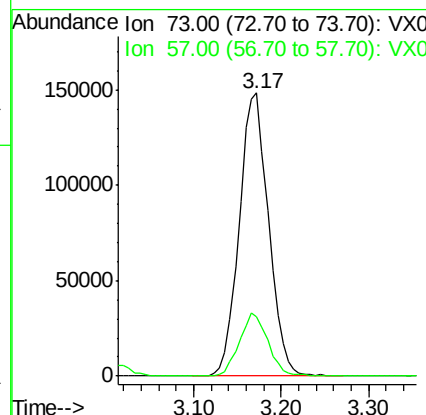
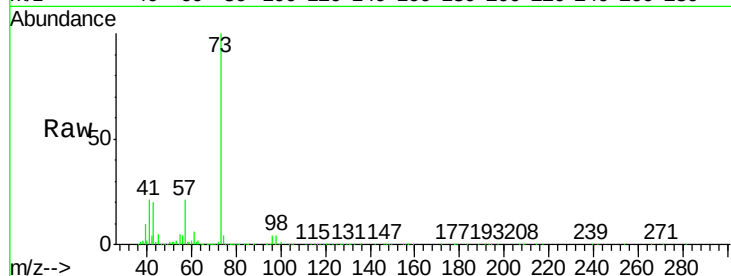
#19
Methyl tert-butyl Ether
Concen: 17.386 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion: 73 Resp: 344260
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.4

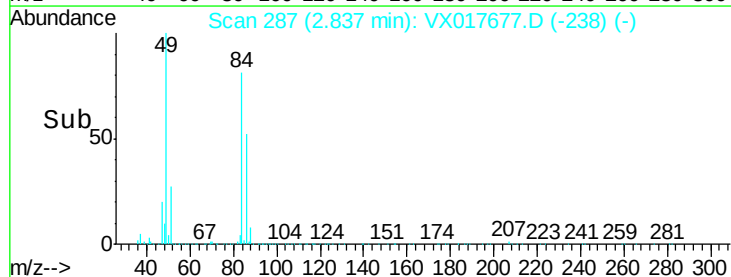
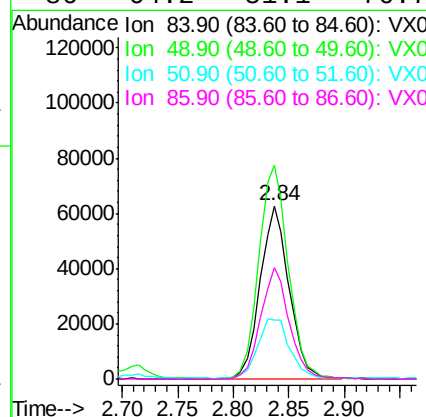
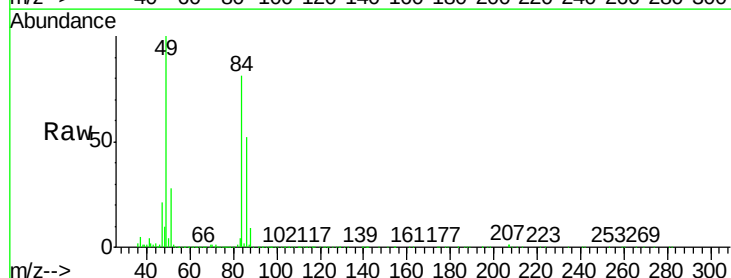
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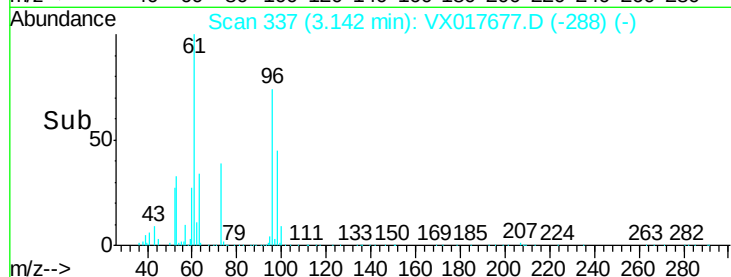
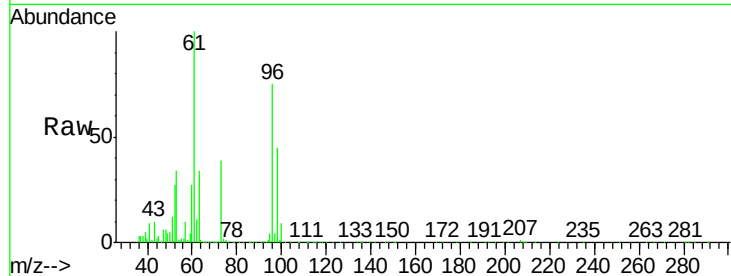
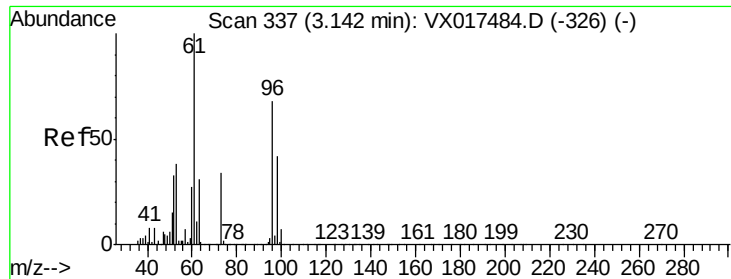
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#20
Methylene Chloride
Concen: 18.419 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 84 Resp: 113414
Ion Ratio Lower Upper
84 100
49 122.7 100.3 150.5
51 33.5 30.5 45.7
86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.480 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tot Ion:	96	Resp:	107126
Ion Ratio	Lower	Upper	
96	100		
61	133.3	113.0	169.4
98	60.1	51.8	77.8

Instrument :

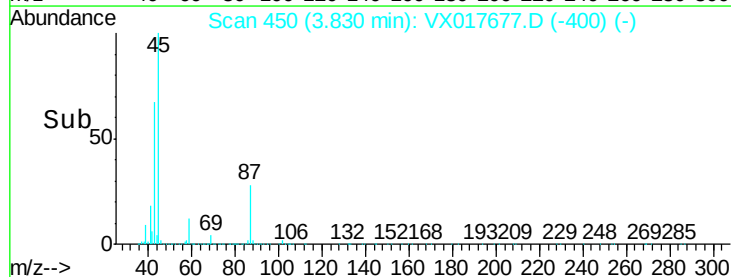
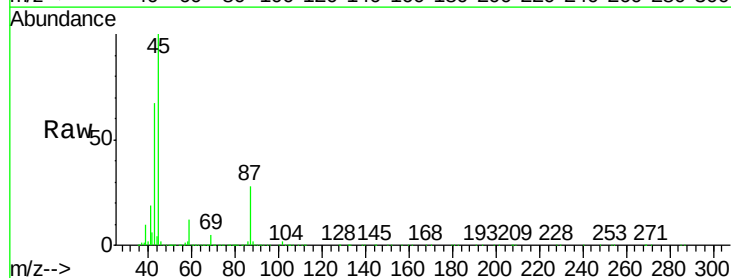
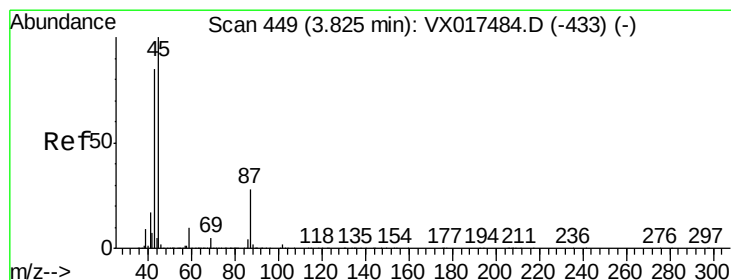
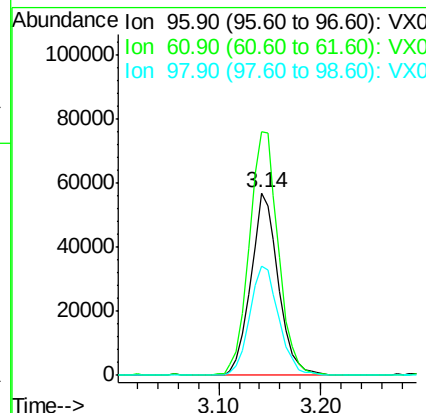
MSVOA_X

ClientSampleId :

VX0730WBS01

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#22

Diisopropyl ether

Concen: 18.100 ug/l

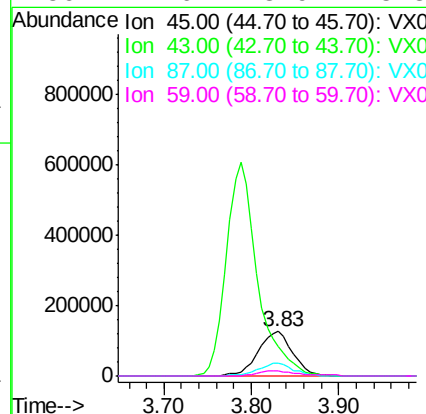
RT: 3.83 min Scan# 450

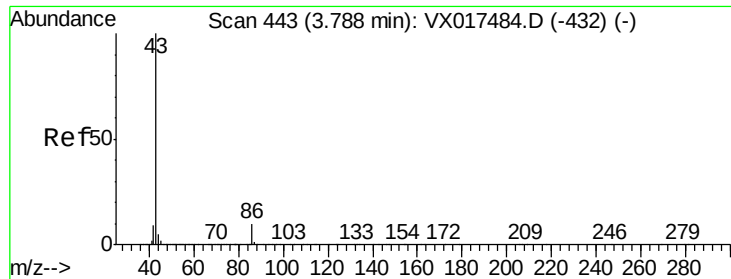
Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion:	45	Resp:	345711
Ion Ratio	Lower	Upper	
45	100		
43	66.4	52.0	78.0
87	28.1	22.2	33.4
59	11.6	8.9	13.3





#23

Vinyl Acetate

Concen: 88.950 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

Tot Ion: 43 Resp: 1514852

Ion Ratio Lower Upper

43 100

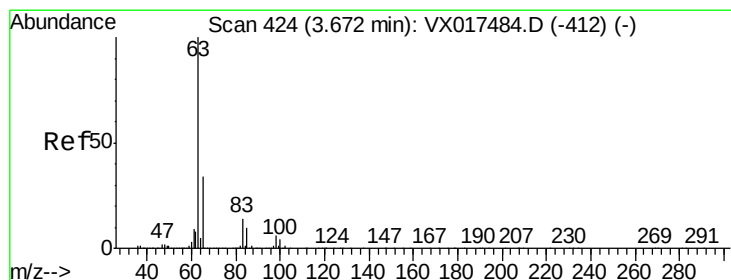
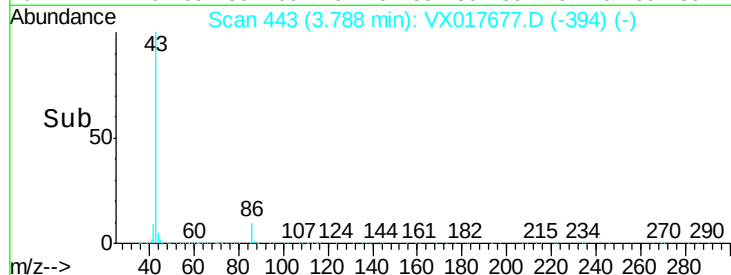
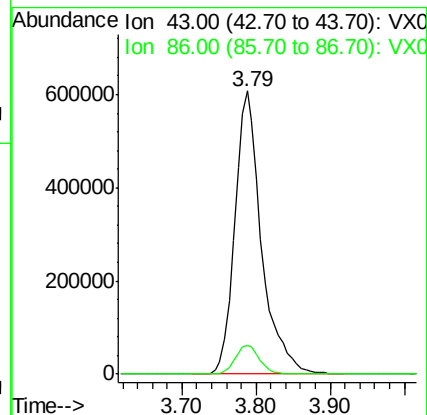
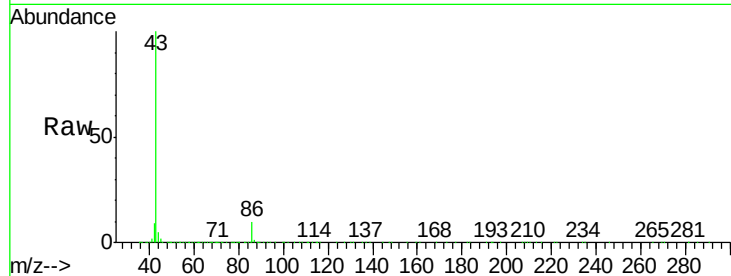
86 10.1 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 17.977 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

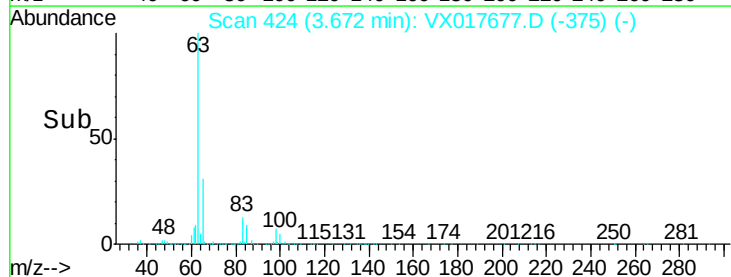
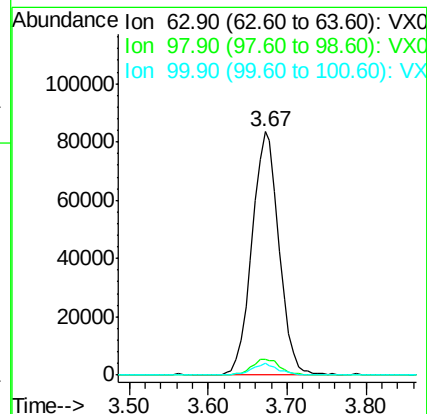
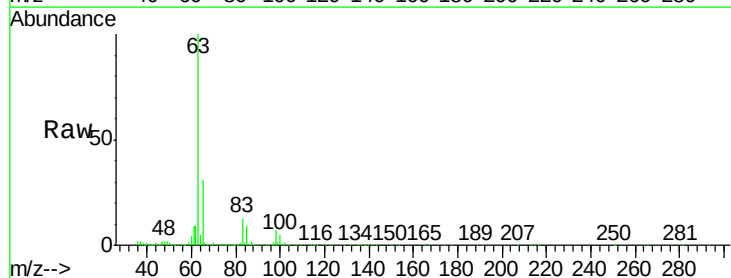
Tgt Ion: 63 Resp: 197793

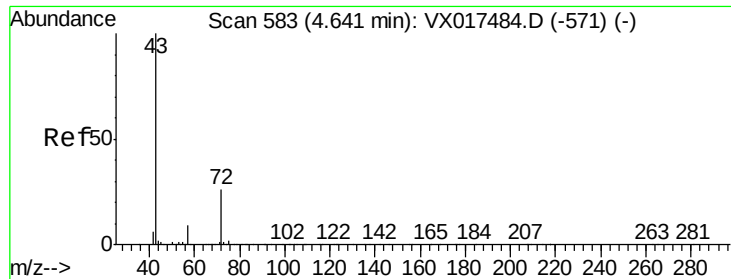
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.8 1.9 5.7





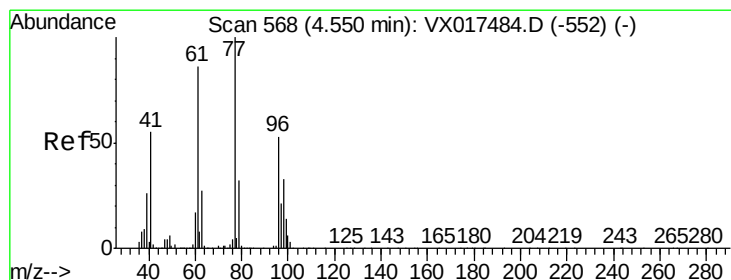
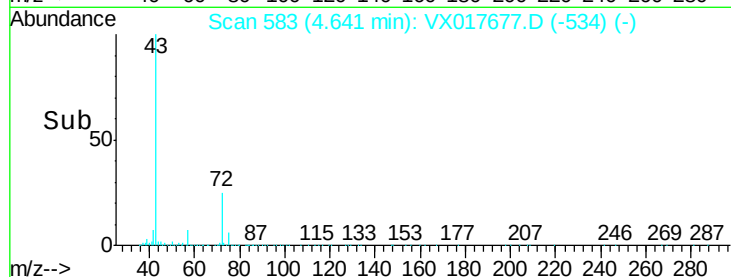
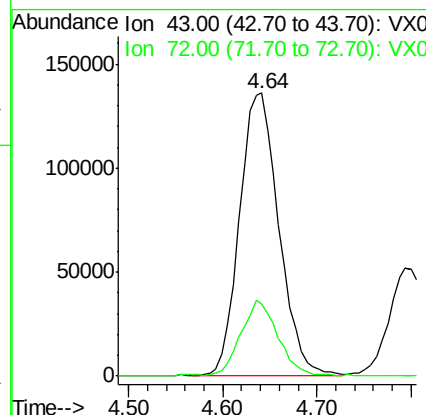
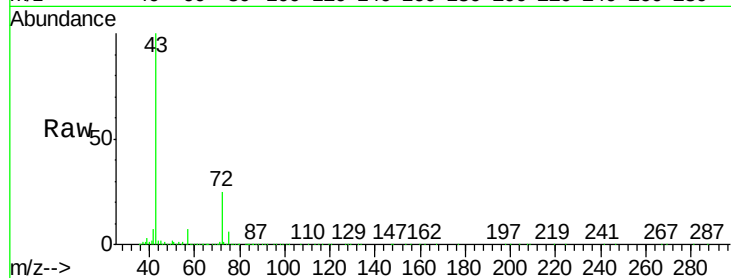
#25
2-Butanone
Concen: 88.777 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.0	28.4

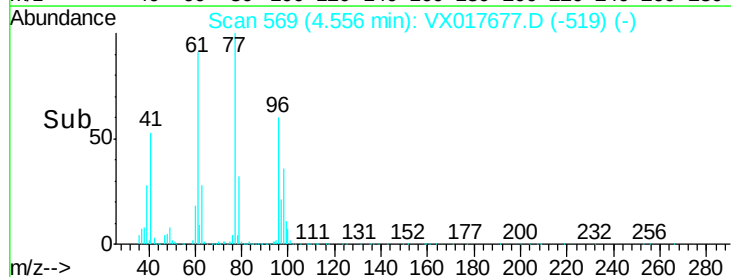
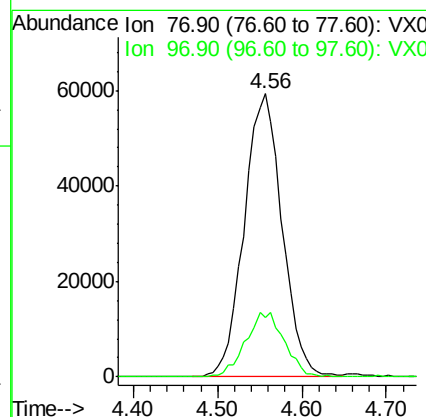
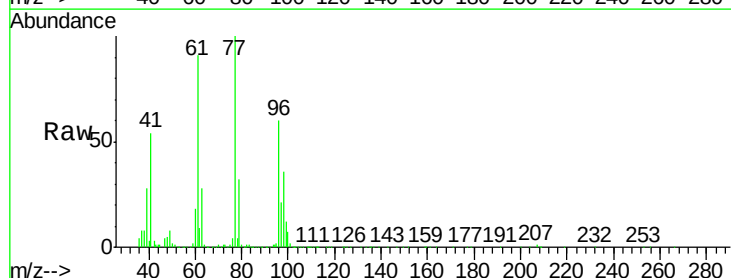
Manual Integrations
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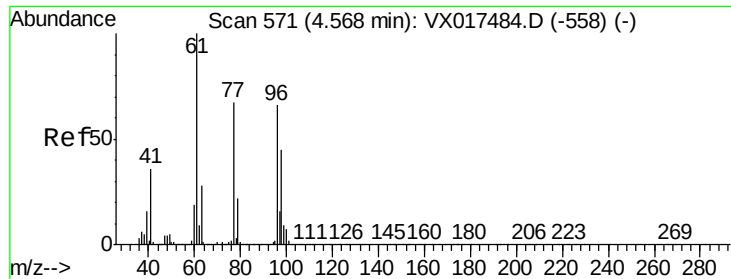
MMDadoda
7/31/2020 11:57:55 AM



#26
2,2-Dichloropropane
Concen: 18.258 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.6	10.9	32.9





#27

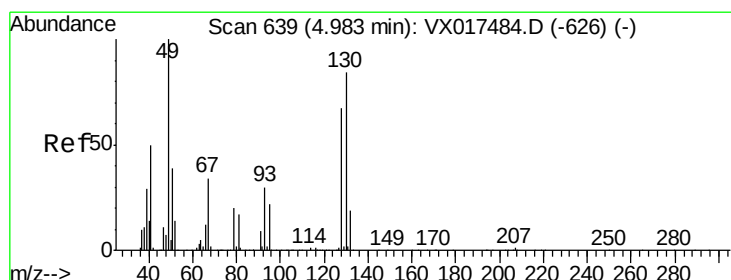
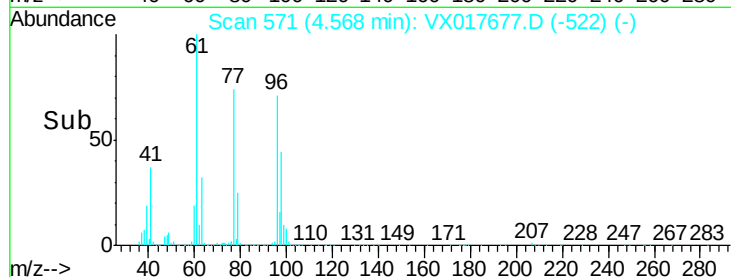
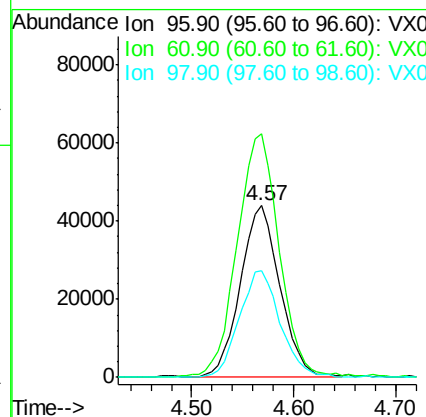
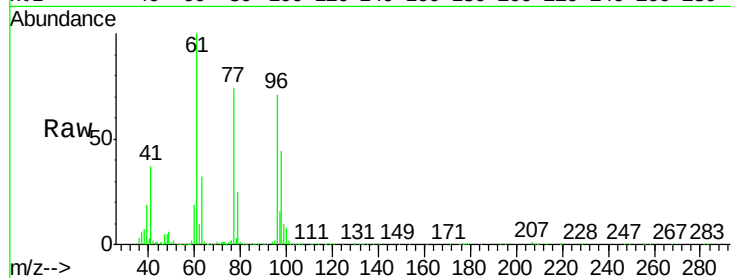
cis-1,2-Dichloroethene
Concen: 17.827 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	118668		
61	150.1	0.0	301.2	
98	64.0	0.0	130.0	

Manual Integrations
APPROVED

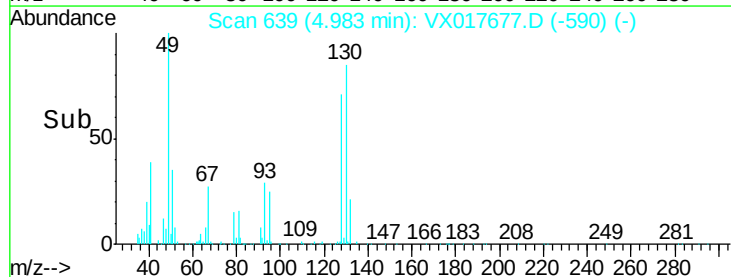
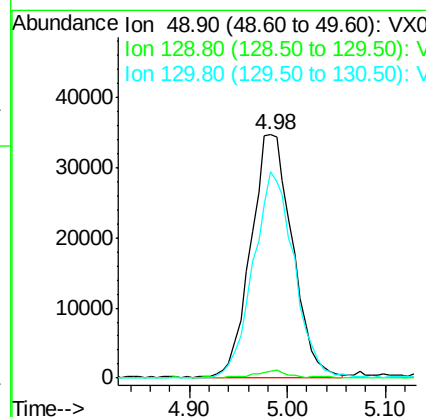
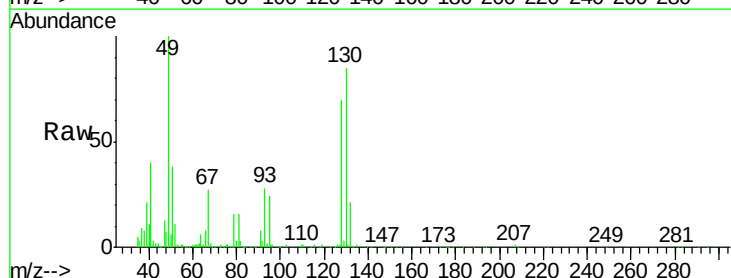
MMDadoda
7/31/2020 11:57:55 AM

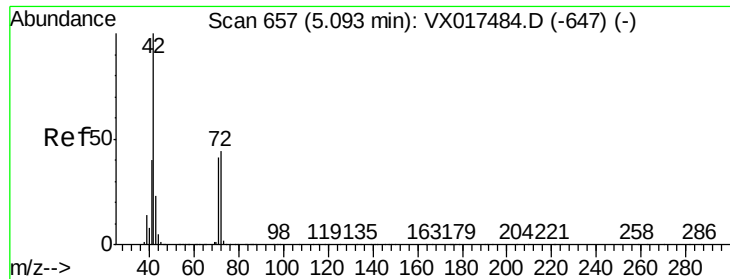


#28

Bromochloromethane
Concen: 20.343 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	101429		
129	2.9	0.0	4.6	
130	84.4	66.7	100.1	





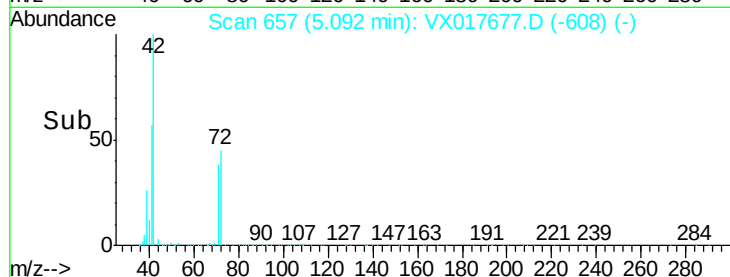
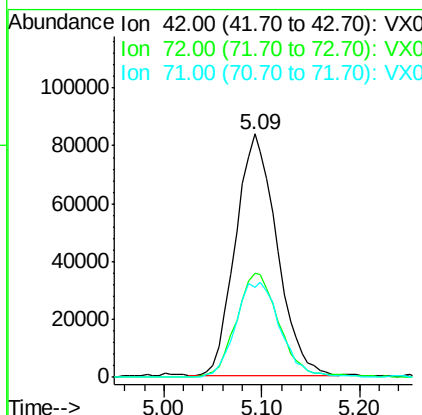
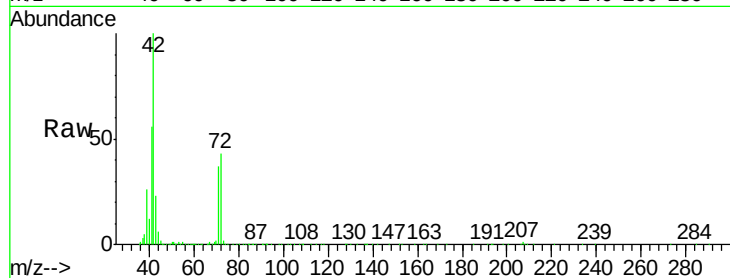
#29
Tetrahydrofuran
Concen: 88.924 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.5	53.3
71	42.6	33.0	49.4

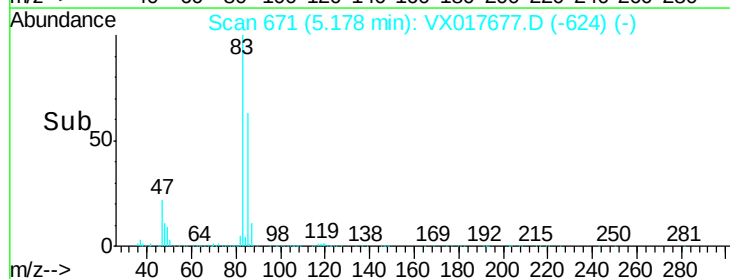
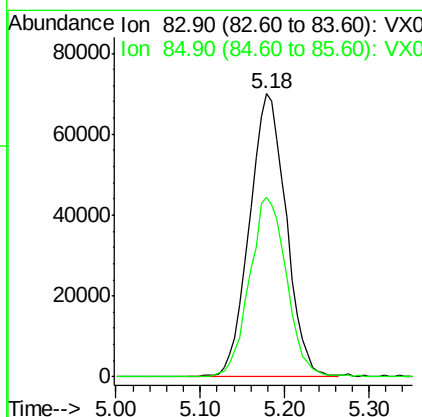
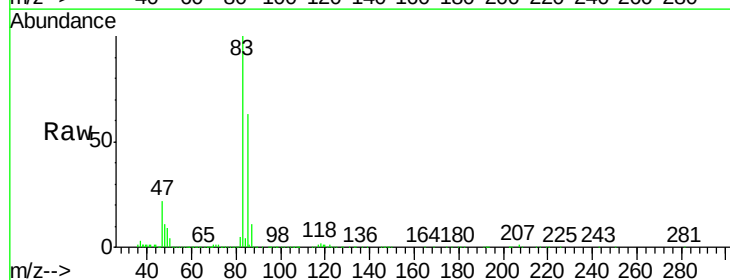
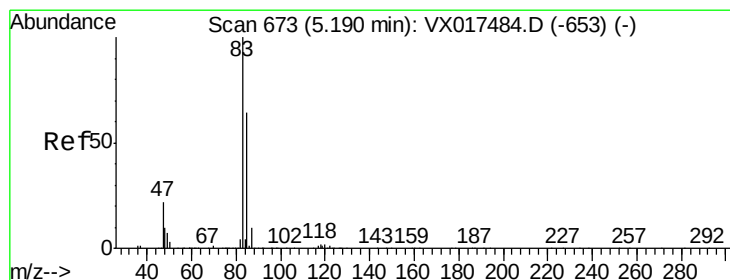
Manual Integrations
APPROVED

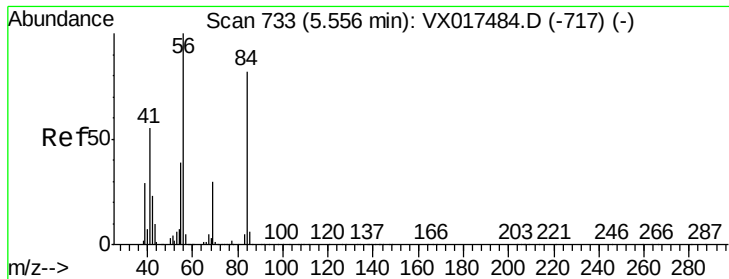
MMDadoda
7/31/2020 11:57:55 AM



#30
Chloroform
Concen: 18.589 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.2





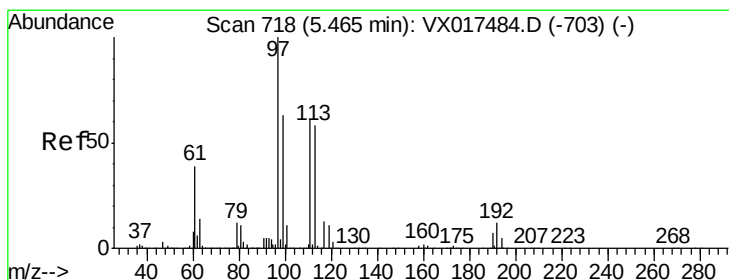
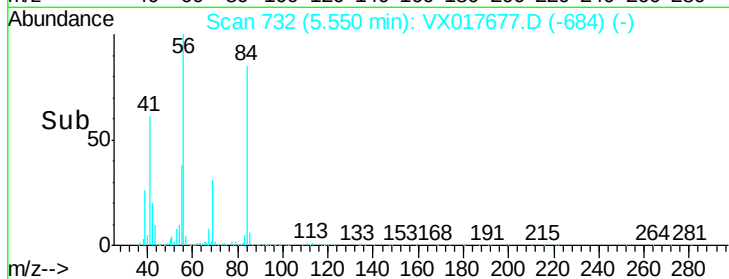
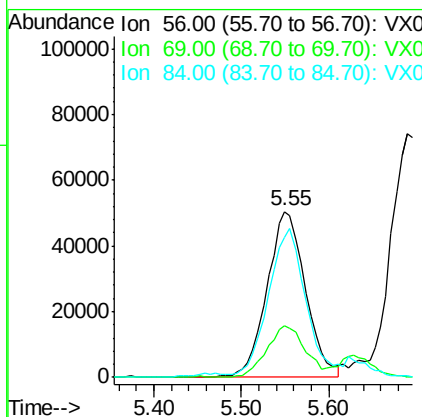
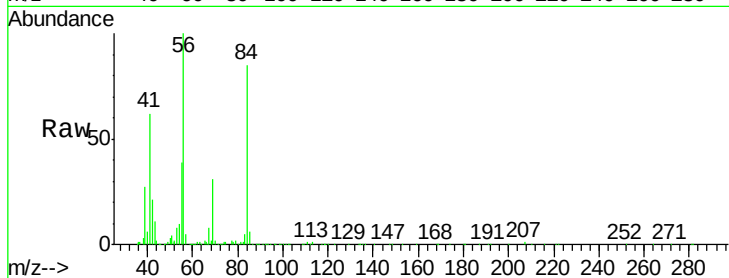
#31
Cyclohexane
Concen: 17.449 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.2	36.4
84	83.9	69.0	103.6

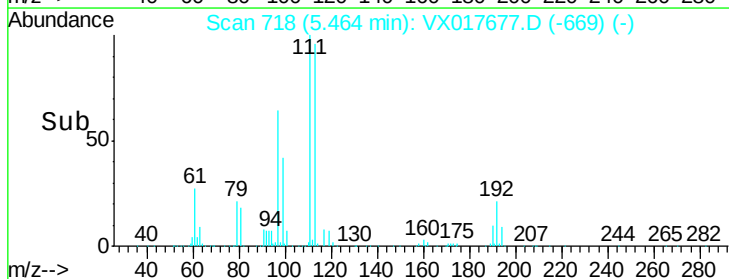
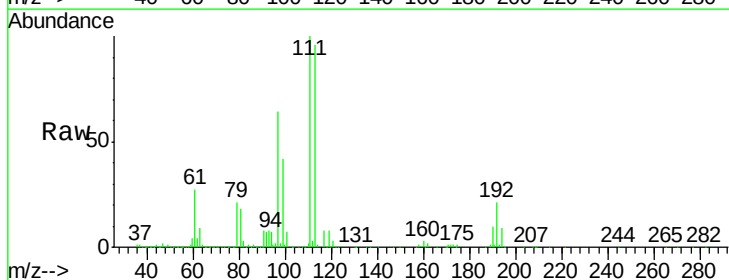
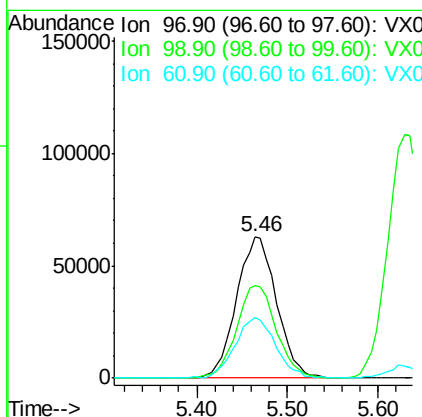
Manual Integrations
APPROVED

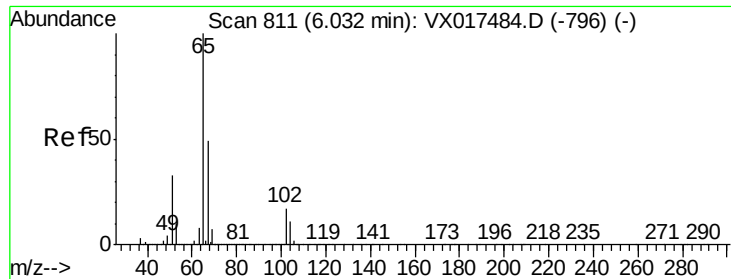
MMDadoda
7/31/2020 11:57:55 AM



#32
1,1,1-Trichloroethane
Concen: 18.186 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	43.1	34.1	51.1





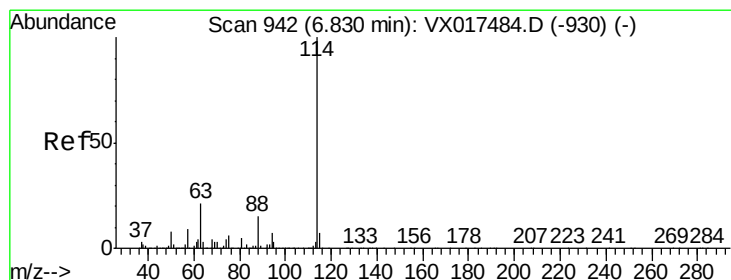
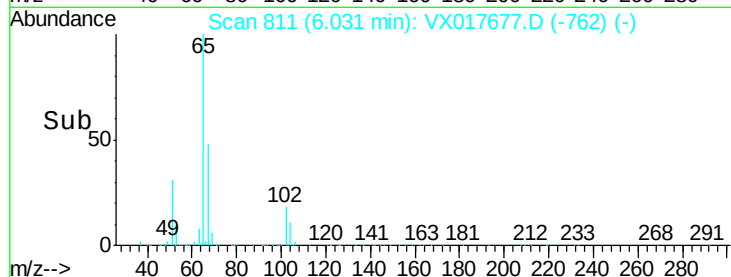
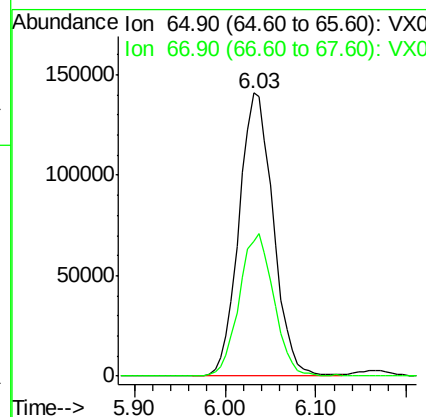
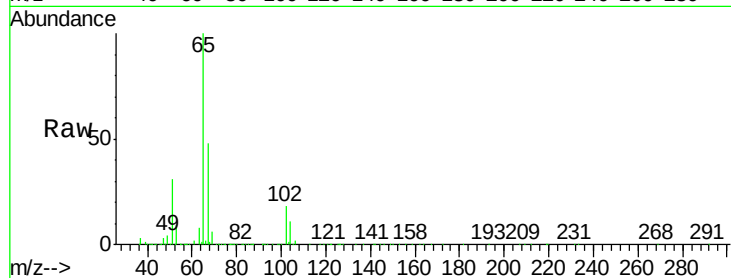
#33
 1,2-Dichloroethane-d4
 Concen: 51.835 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	368791		
67	50.7	0.0	102.8	

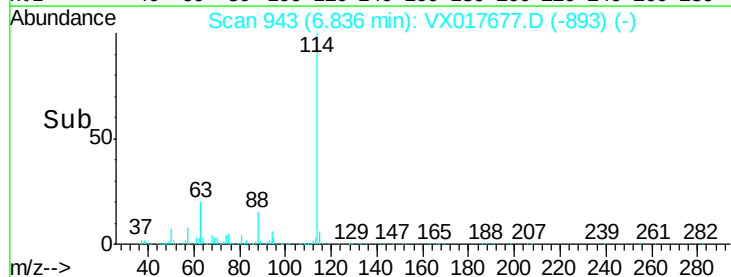
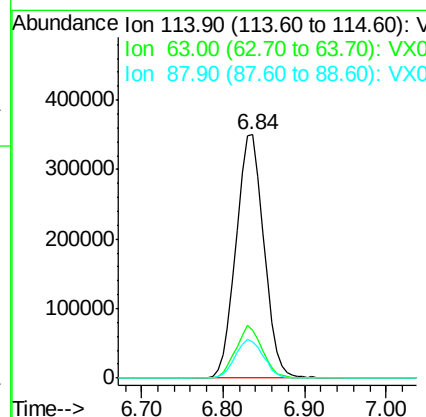
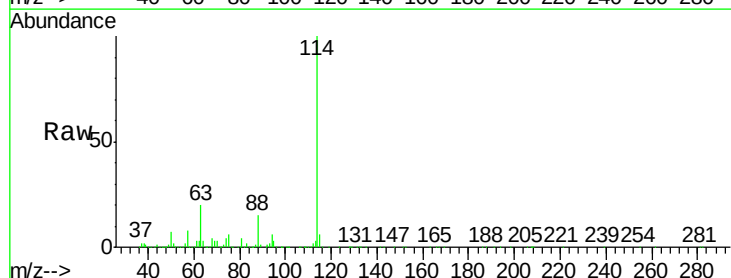
Manual Integrations
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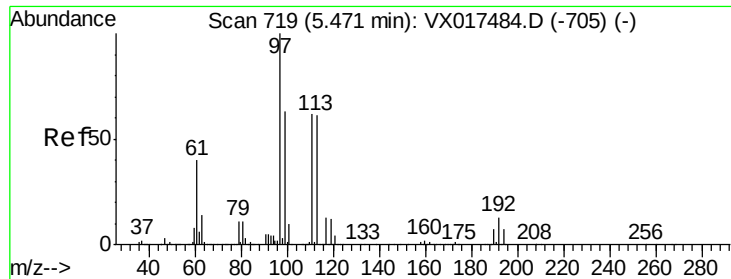
MMDadoda
 7/31/2020 11:57:55 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	828338		
63	19.7	0.0	40.6	
88	14.7	0.0	33.4	





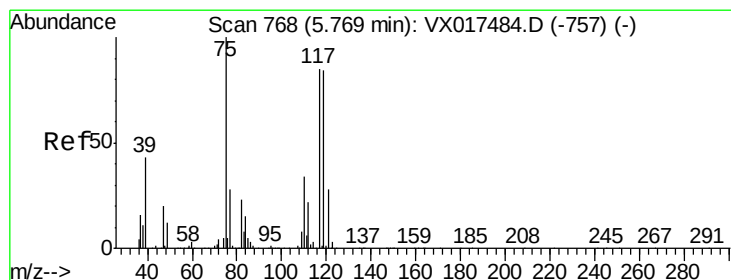
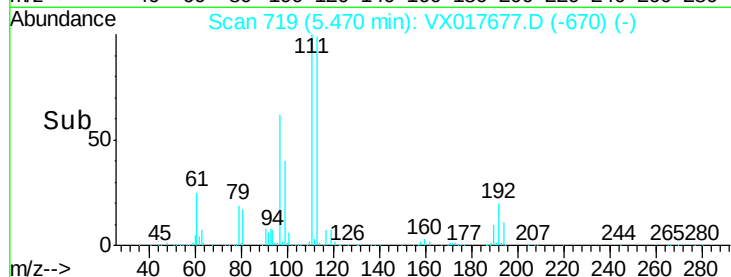
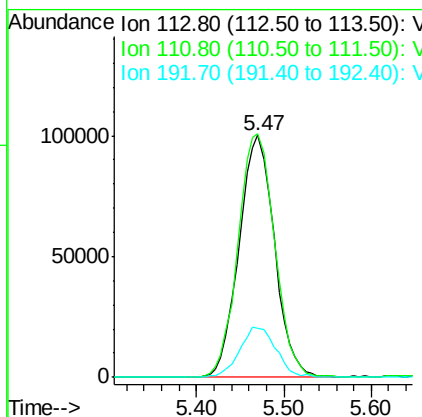
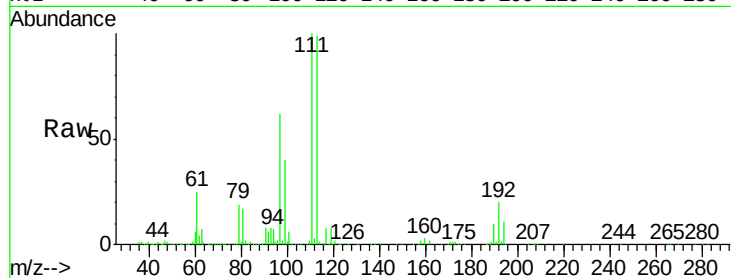
#35
 Dibromofluoromethane
 Concen: 51.074 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	282948		
111	103.9	80.7	121.1	
192	21.4	16.9	25.3	

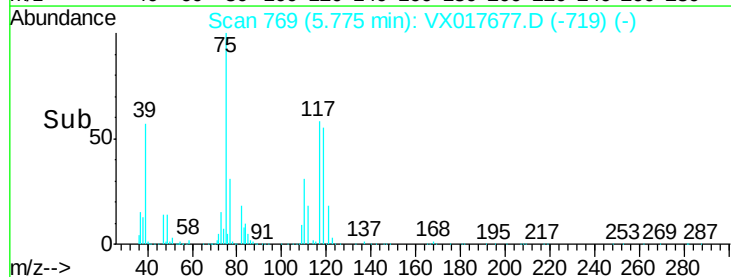
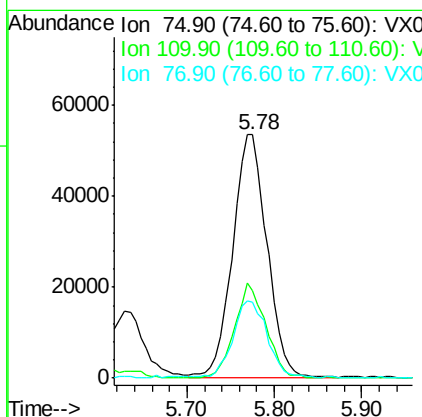
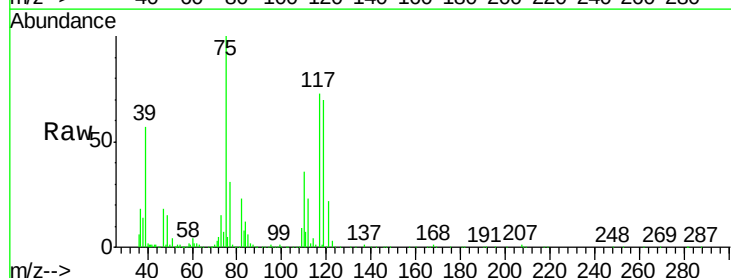
Manual Integrations
 APPROVED

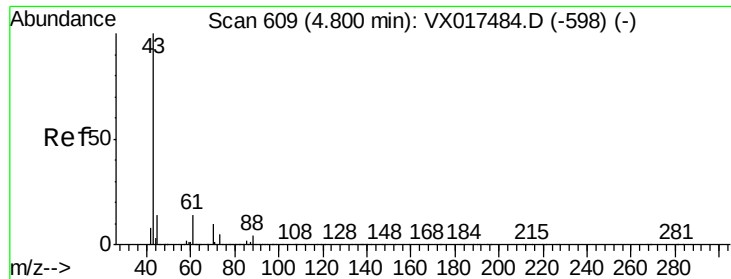
MMDadoda
 7/31/2020 11:57:55 AM



#36
 1,1-Dichloropropene
 Concen: 18.272 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145159		
110	35.7	18.1	54.3	
77	31.4	24.6	37.0	





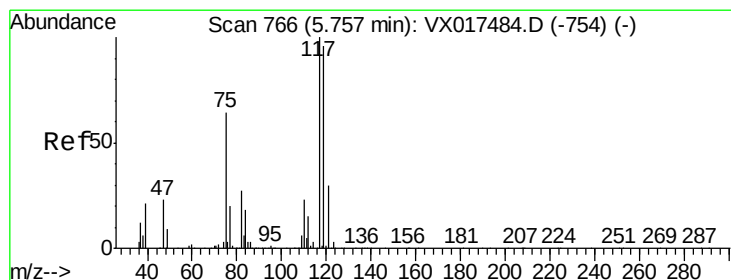
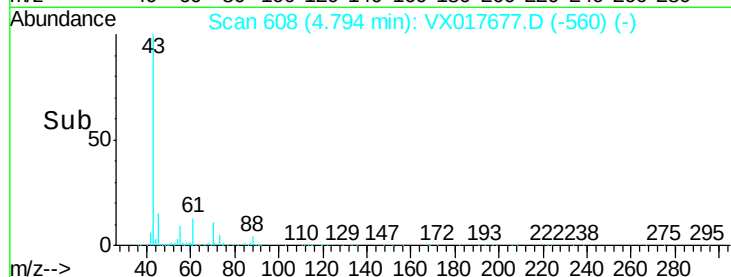
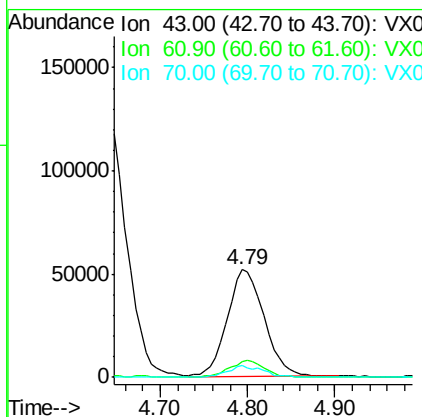
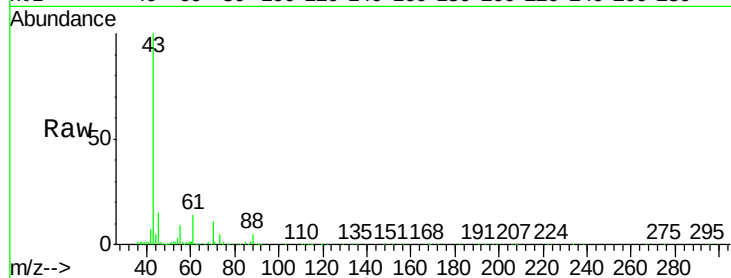
#37
Ethyl Acetate
Concen: 17.581 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion:	43	Resp:	152821
Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.7	16.1
70	10.7	8.5	12.7

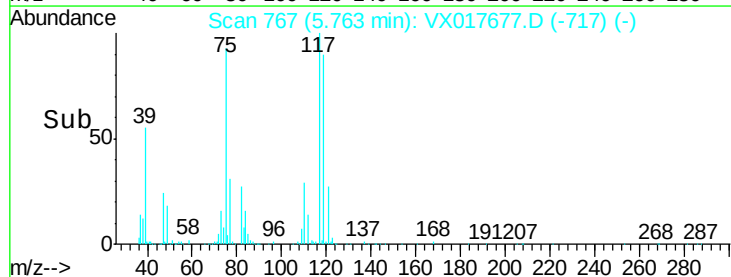
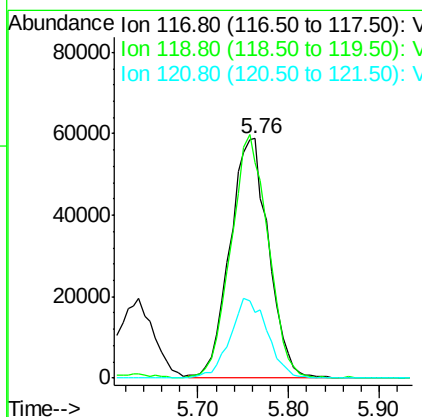
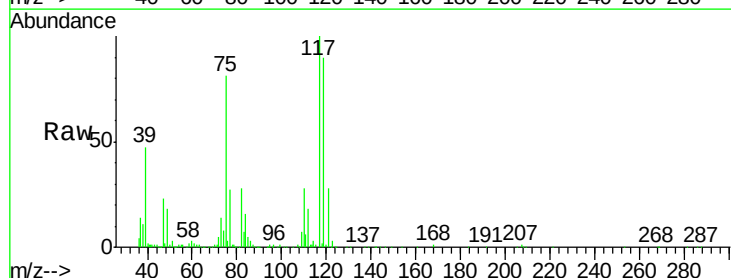
Manual Integrations
APPROVED

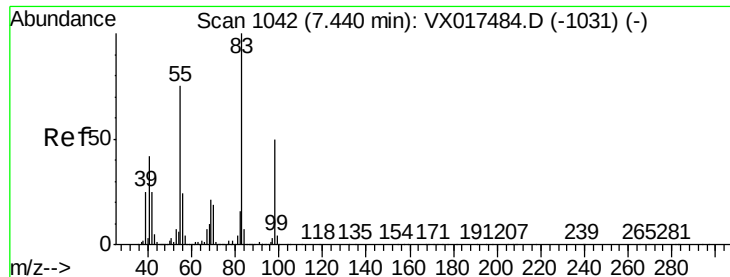
MMDadoda
7/31/2020 11:57:55 AM



#38
Carbon Tetrachloride
Concen: 18.098 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion:	117	Resp:	174605
Ion	Ratio	Lower	Upper
117	100		
119	90.0	75.4	113.0
121	27.6	24.3	36.5





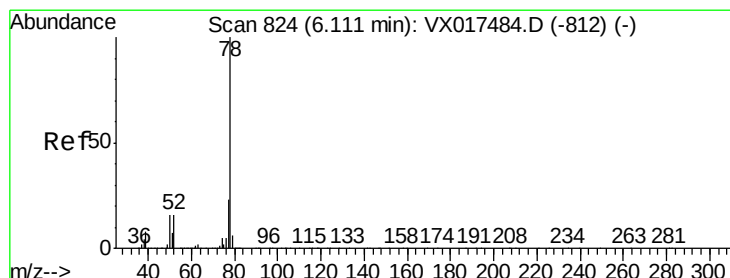
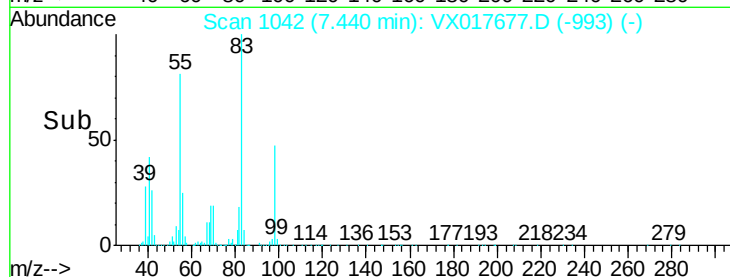
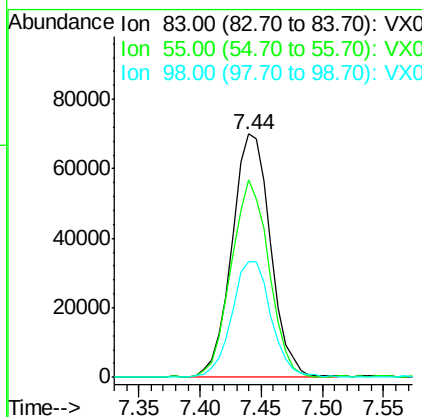
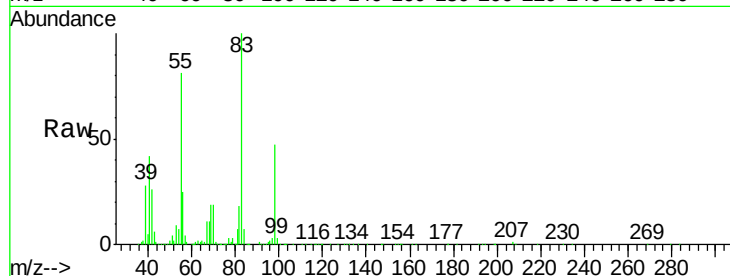
#39
Methylvlcyclohexane
Concen: 16.557 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	153551		
55	80.5		61.8	92.8
98	47.2		36.9	55.3

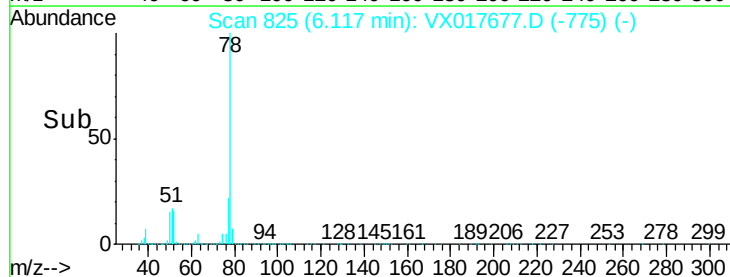
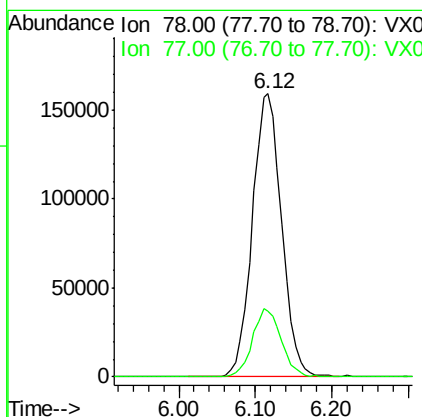
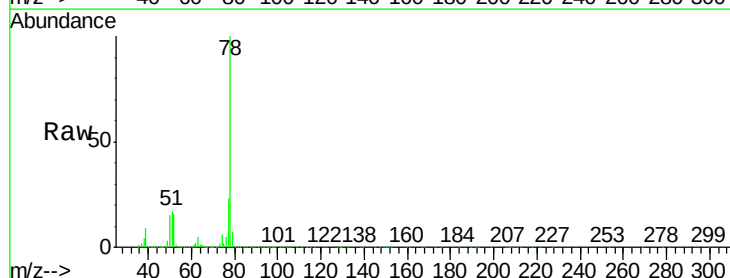
Manual Integrations
APPROVED

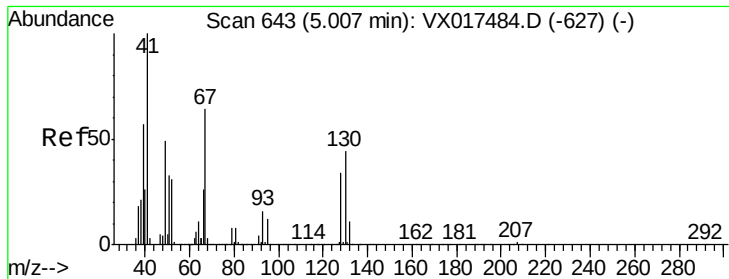
MMDadoda
7/31/2020 11:57:55 AM



#40
Benzene
Concen: 18.606 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	423791		
77	23.0		19.4	29.2





#41

Methacrylonitrile

Concen: 17.515 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

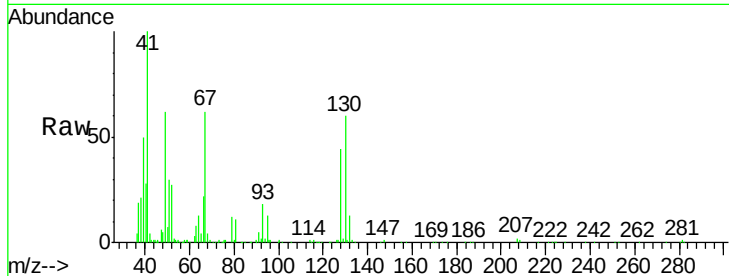
ClientSampleId :

VX0730WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	43.9	65.9	
67	65.6	54.0	81.0	
52	27.1	23.0	34.6	

Manual Integrations
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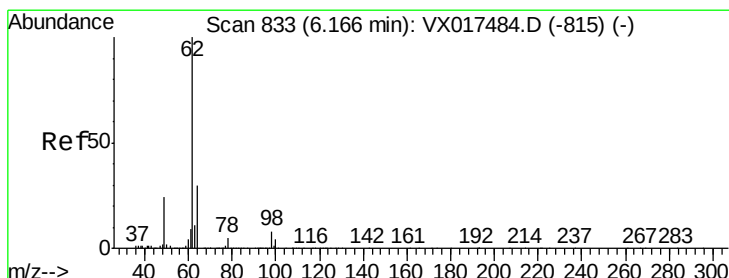
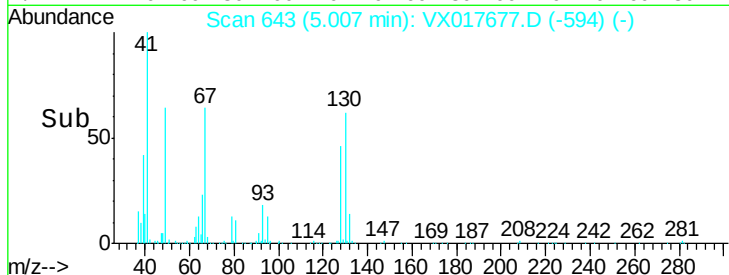
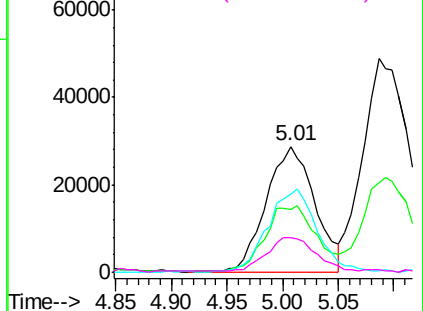


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.526 ug/l

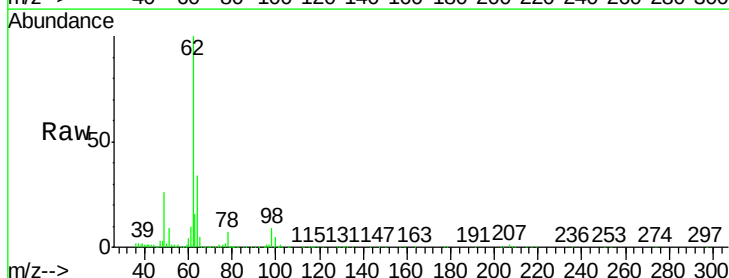
RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017677.D

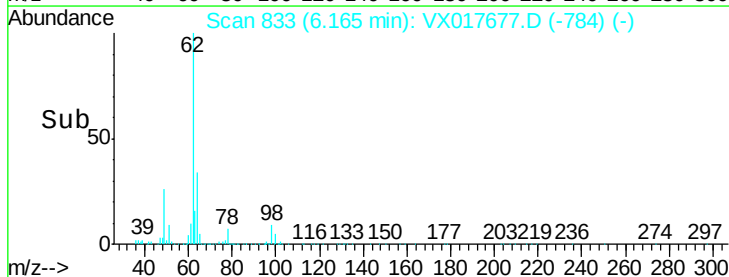
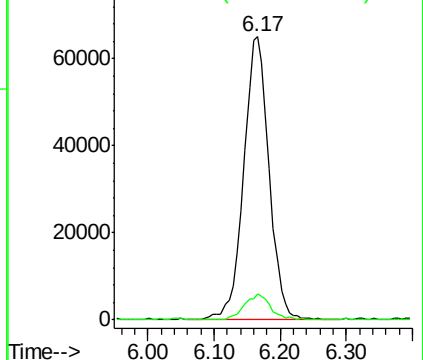
Acq: 30 Jul 2020 12:32

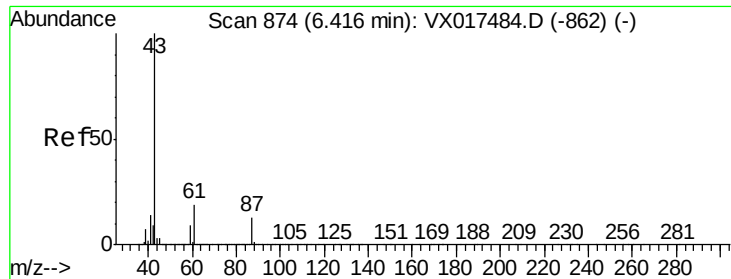
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	16.0	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





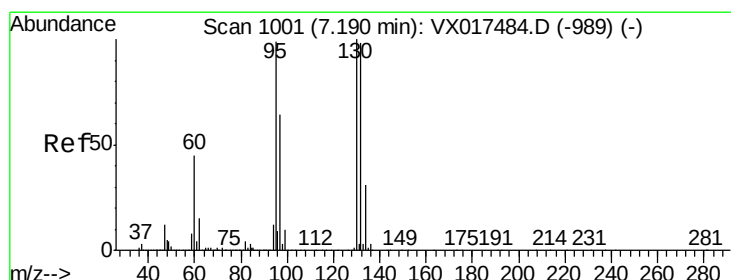
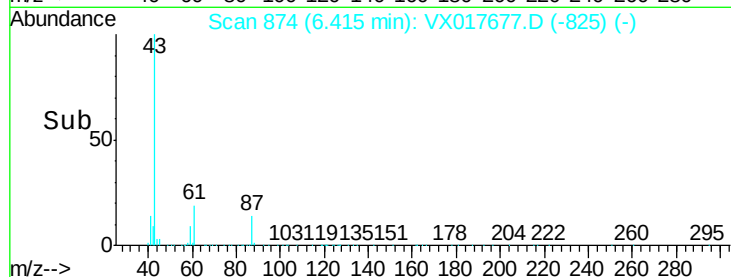
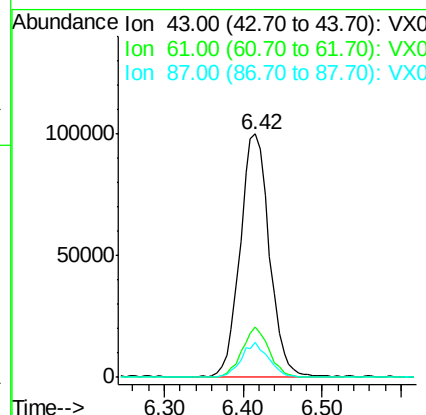
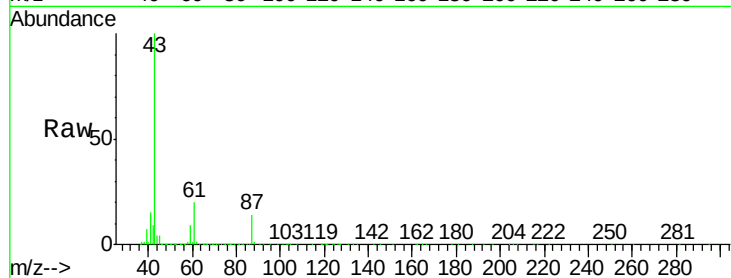
#43
Isopropyl Acetate
Concen: 17.932 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	13.4	10.5	15.7

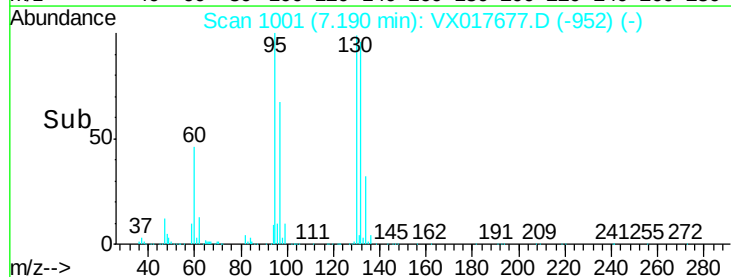
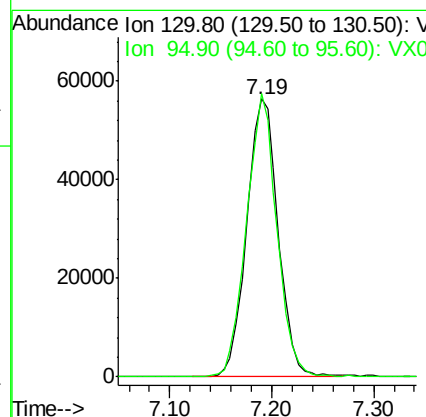
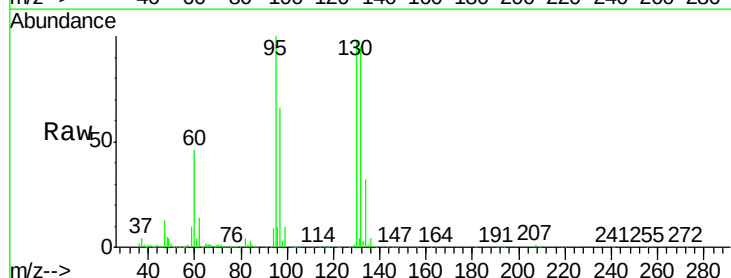
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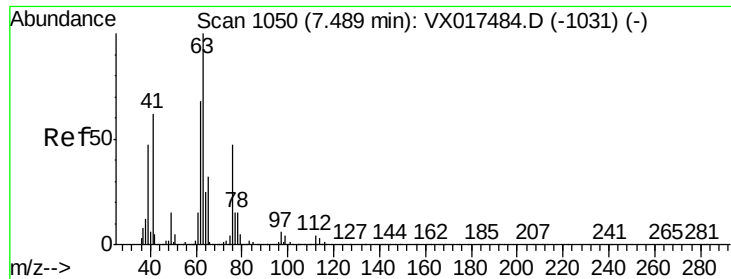
MMDadoda
7/31/2020 11:57:55 AM



#44
Trichloroethene
Concen: 18.159 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	189.0





#45

1,2-Dichloropropane

Concen: 17.382 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

Tot Ion: 63 Resp: 109748

Ion Ratio Lower Upper

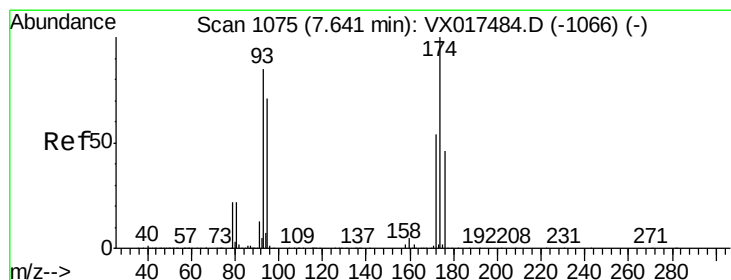
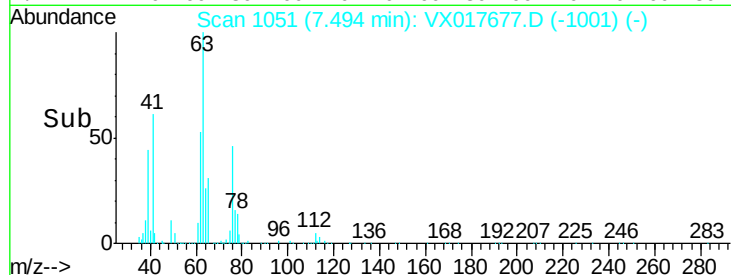
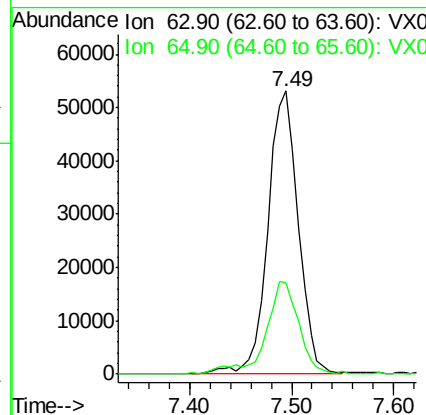
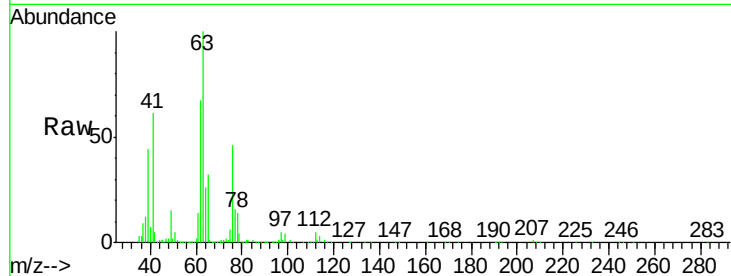
63 100

65 31.5 24.5 36.7

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#46

Dibromomethane

Concen: 17.396 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

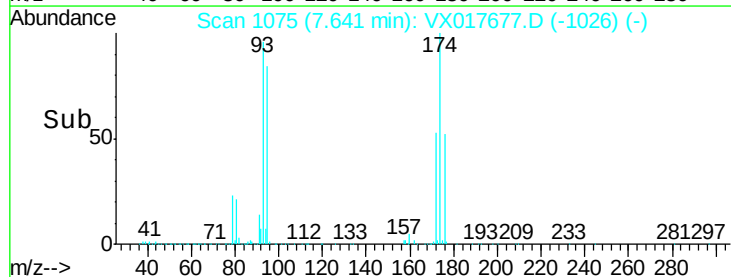
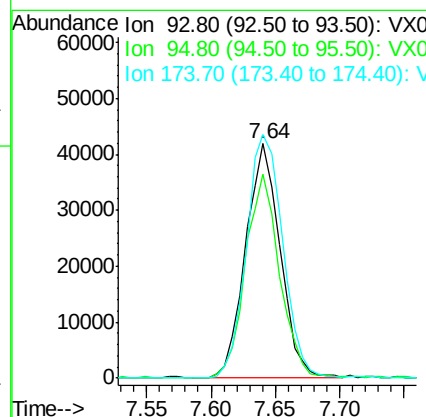
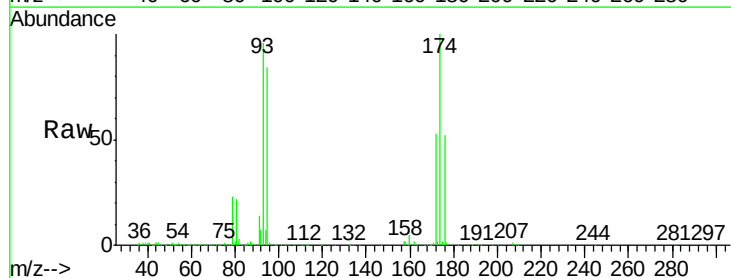
Tgt Ion: 93 Resp: 77626

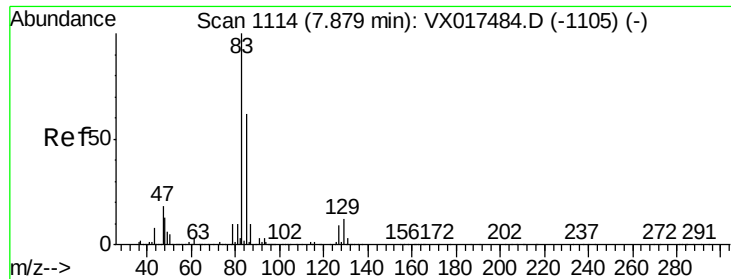
Ion Ratio Lower Upper

93 100

95 85.2 66.6 99.8

174 109.1 87.0 130.6





#47

Bromodichloromethane

Concen: 18.505 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

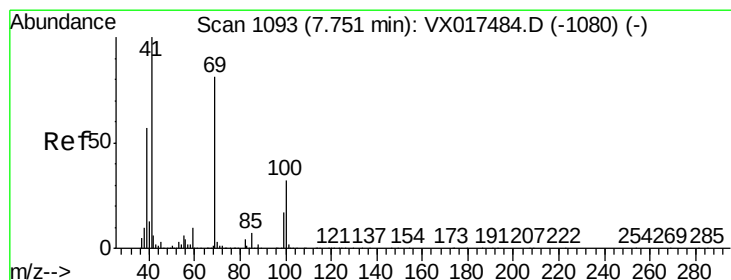
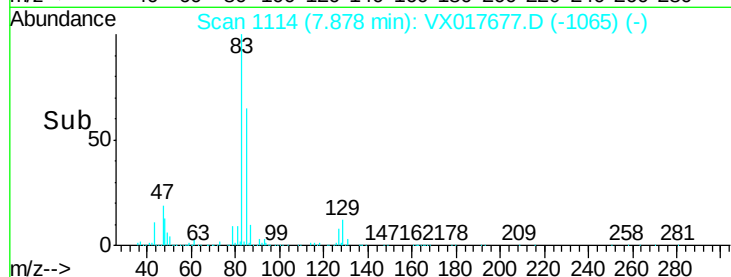
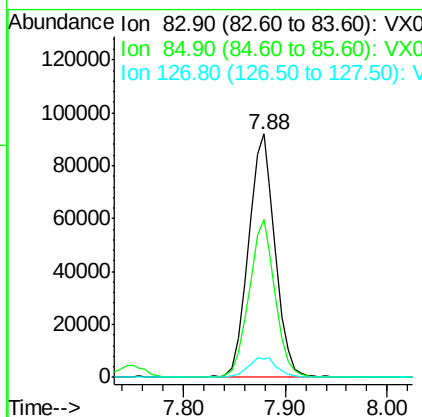
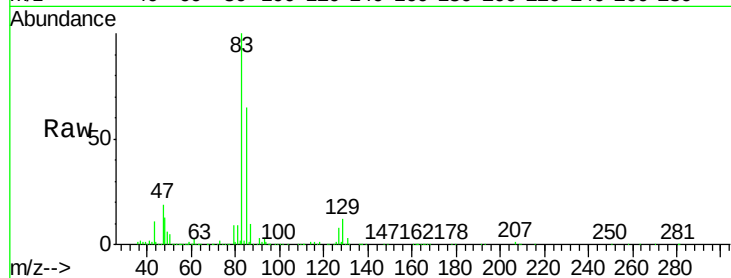
ClientSampleId :

VX0730WBS01

Tot Ion:	83	Resp:	166151
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.8	77.8
127	7.6	7.4	11.2

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#48

Methyl methacrylate

Concen: 17.360 ug/l

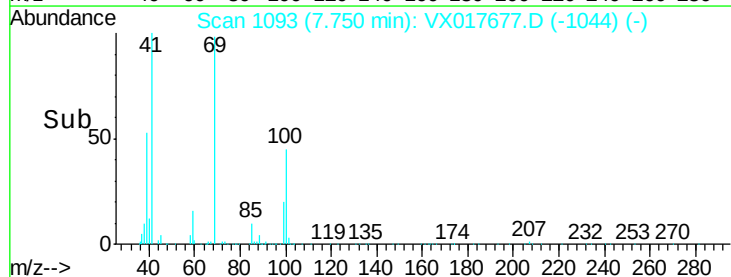
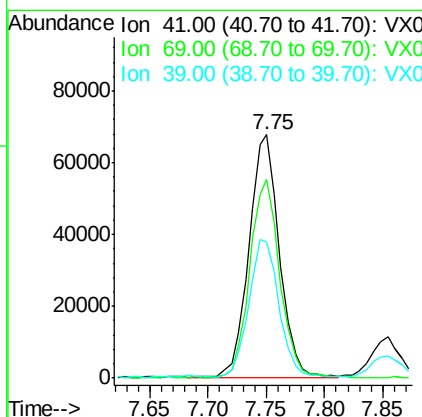
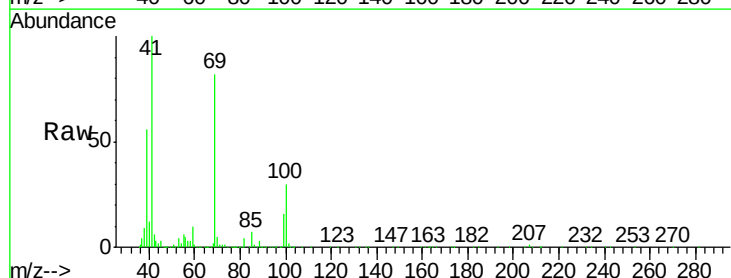
RT: 7.75 min Scan# 1093

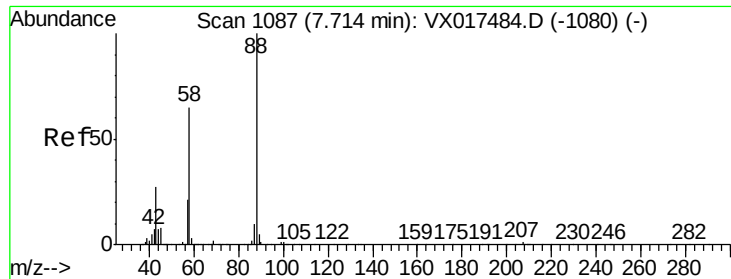
Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion:	41	Resp:	123419
Ion Ratio	Lower	Upper	
41	100		
69	80.4	63.1	94.7
39	56.9	45.1	67.7





#49

1,4-Dioxane

Concen: 358.697 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

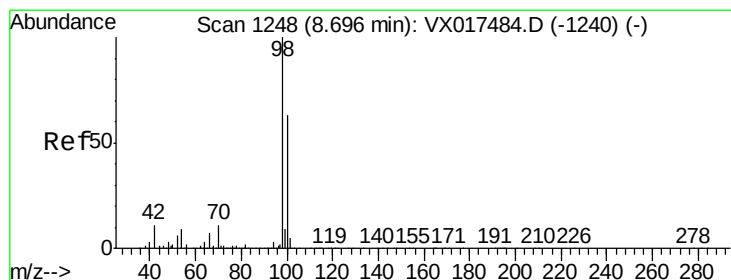
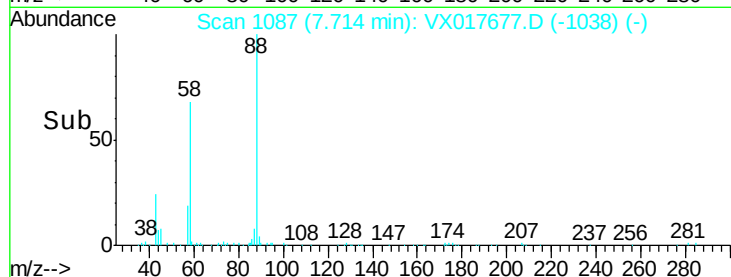
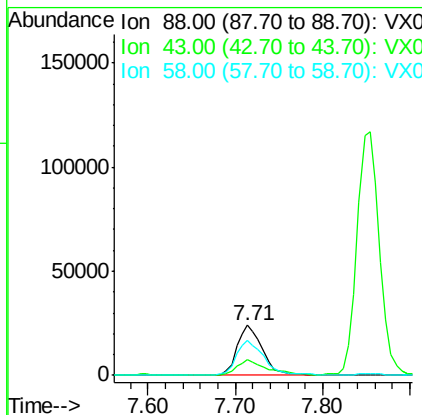
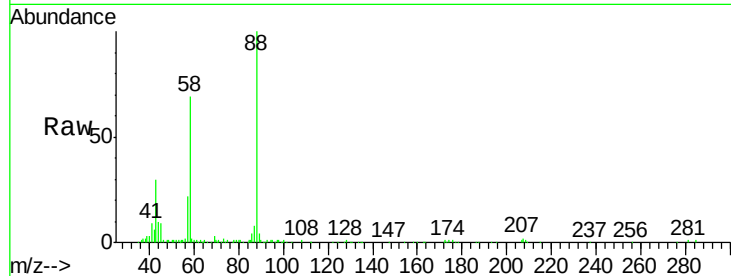
ClientSampleId :

VX0730WBS01

Tot Ion:	88	Resp:	48891
Ion	Ratio	Lower	Upper
88	100		
43	35.5	27.8	41.6
58	75.0	58.3	87.5

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#50

Toluene-d8

Concen: 50.153 ug/l

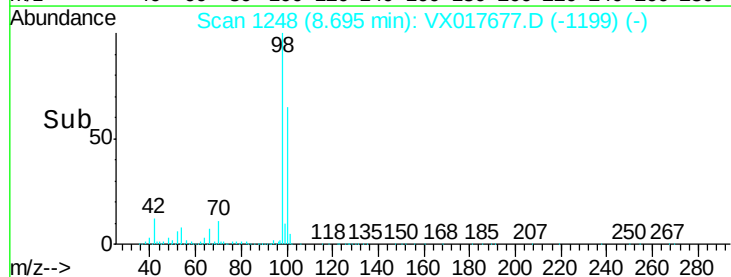
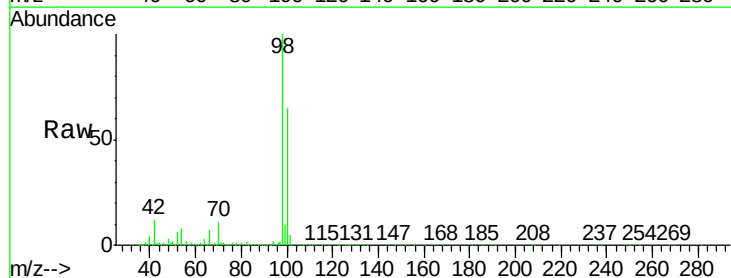
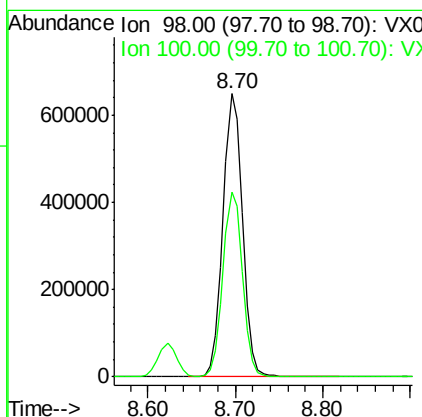
RT: 8.70 min Scan# 1248

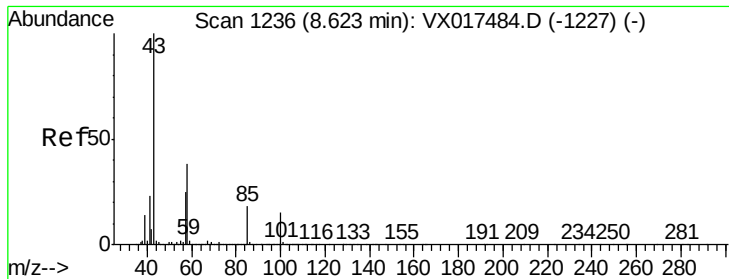
Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion:	98	Resp:	1002323
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 90.069 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

Tot Ion: 43 Resp: 770755

Ion Ratio Lower Upper

43 100

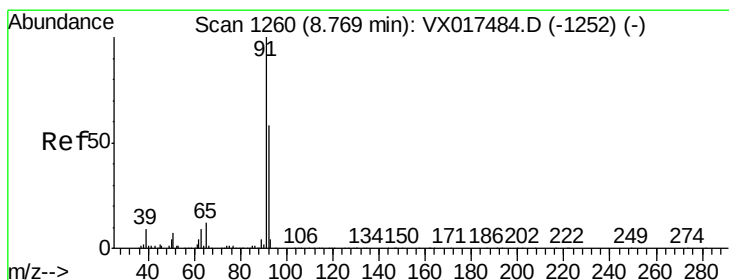
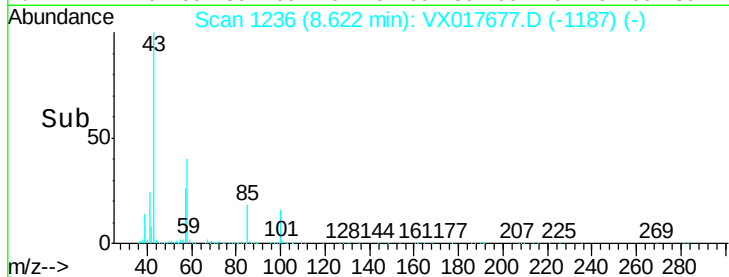
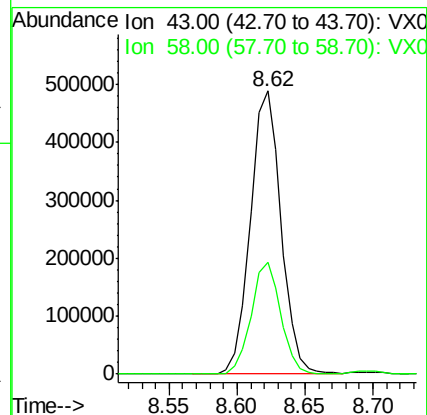
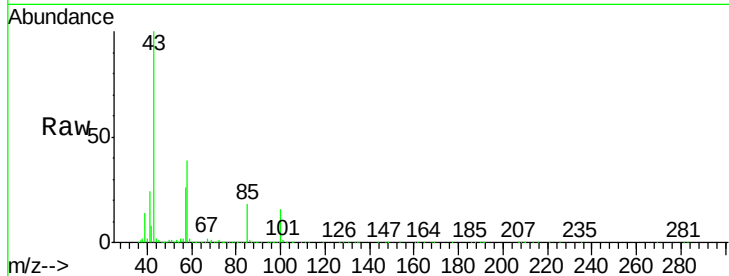
58 38.2 31.0 46.4

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#52

Toluene

Concen: 17.842 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017677.D

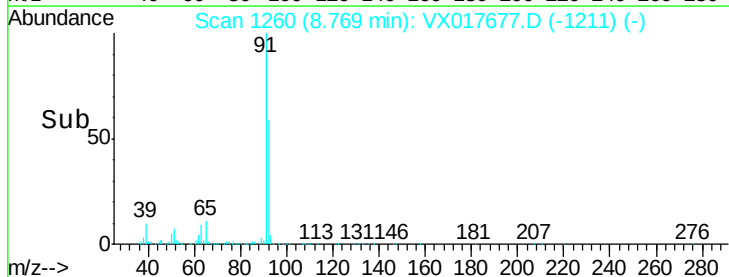
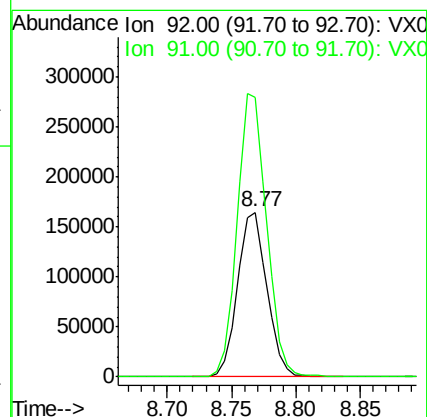
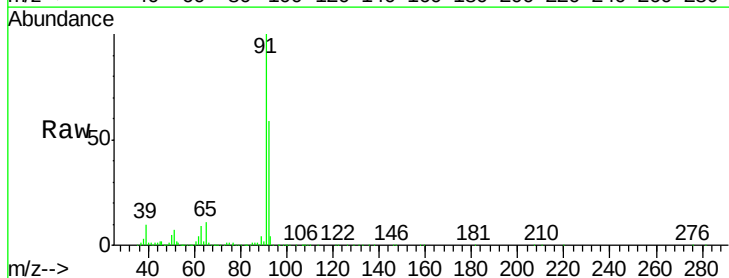
Acq: 30 Jul 2020 12:32

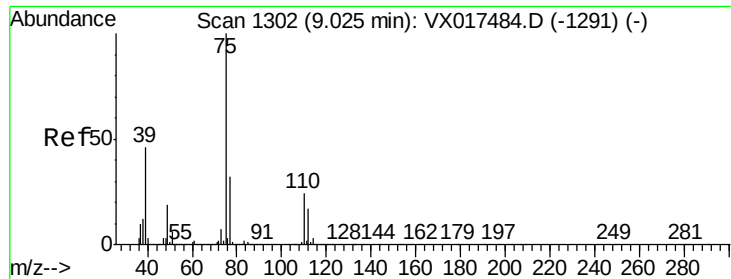
Tgt Ion: 92 Resp: 260618

Ion Ratio Lower Upper

92 100

91 173.3 137.6 206.4





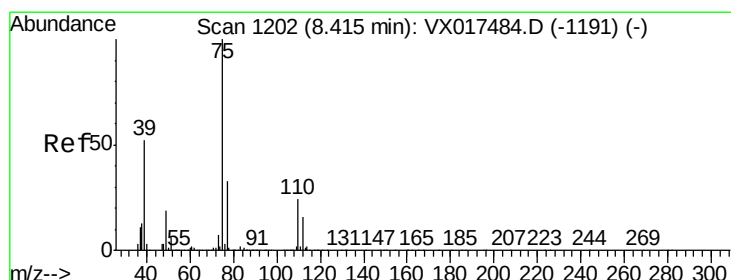
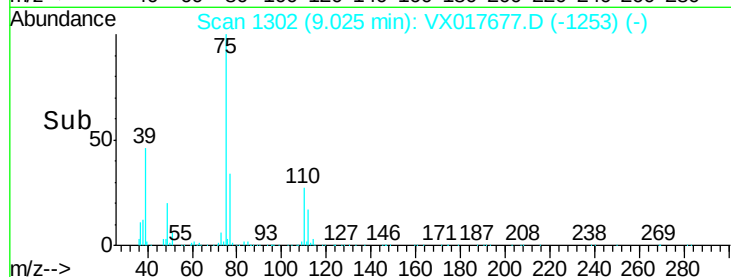
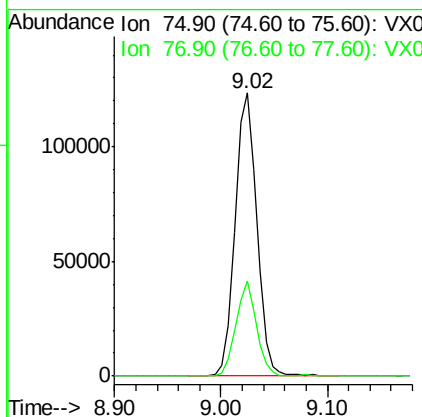
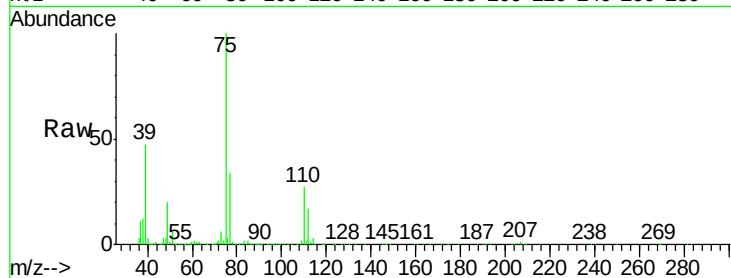
#53
t-1,3-Dichloropropene
Concen: 17.690 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampled :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.5	38.3

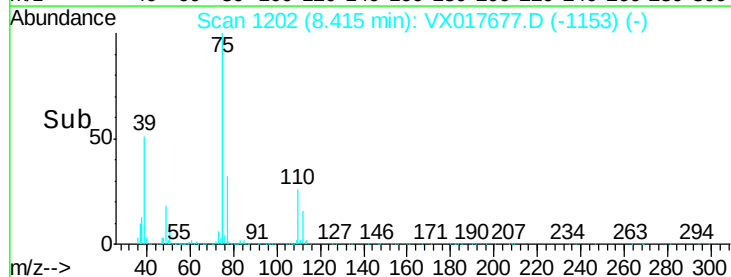
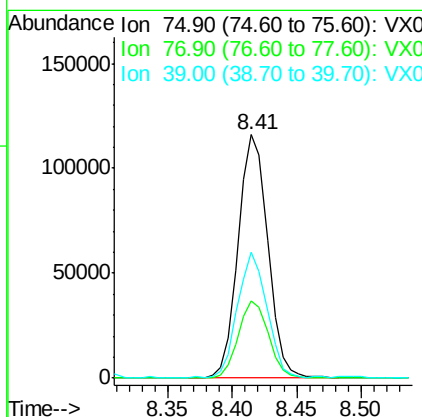
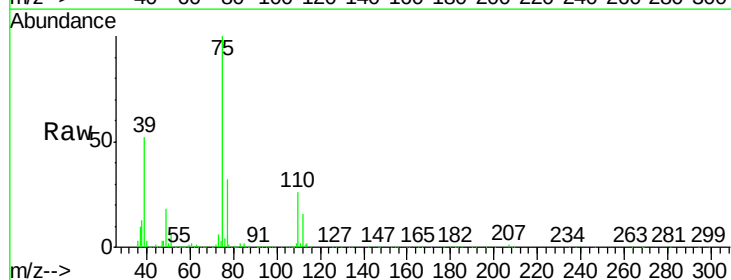
Manual Integrations
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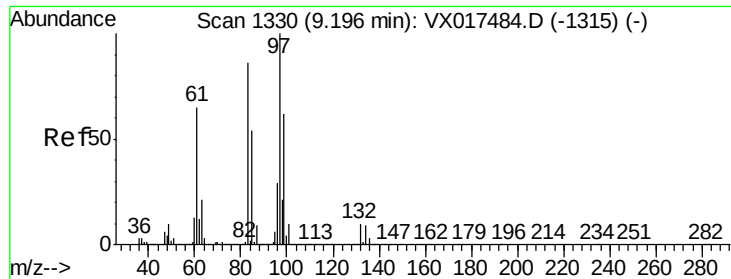
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.093 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
39	51.6	41.8	62.8





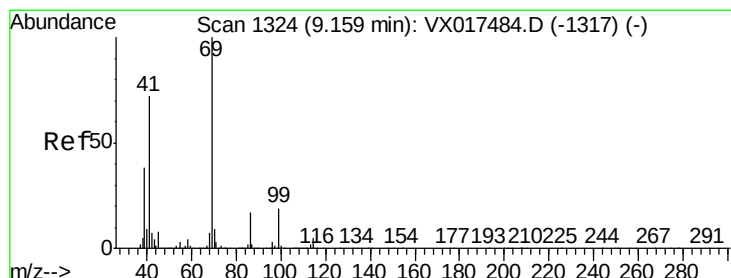
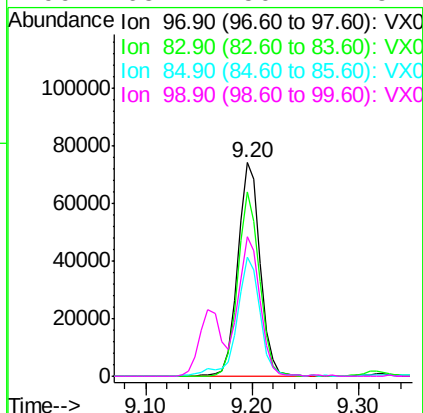
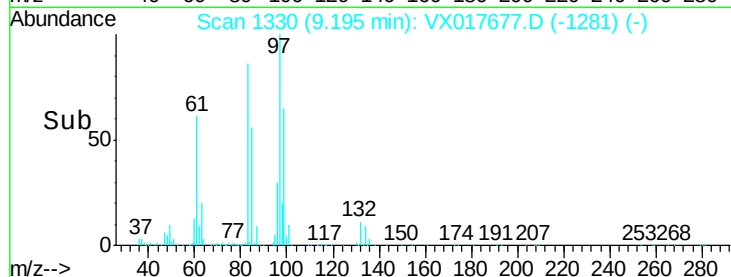
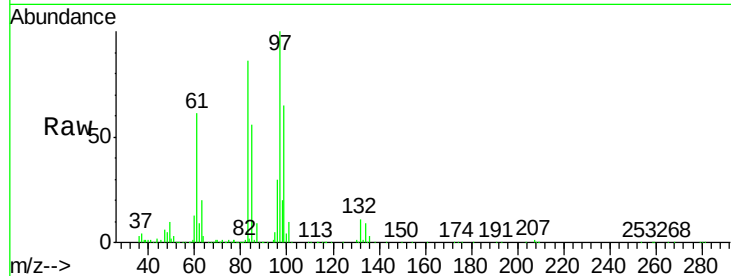
#55
 1,1,2-Trichloroethane
 Concen: 17.984 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.6	101.4
85	55.5	44.6	67.0
99	65.2	50.2	75.4

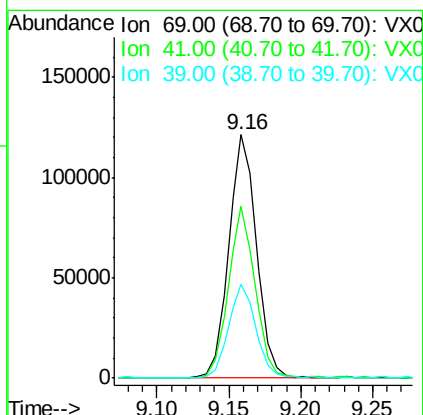
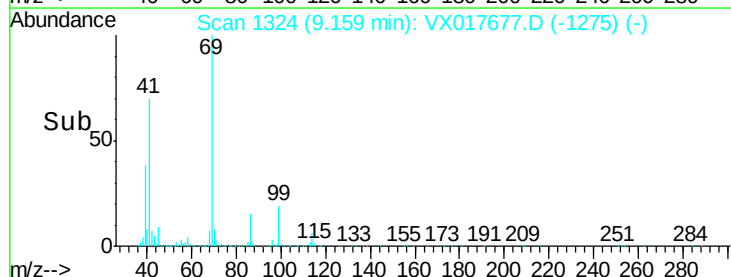
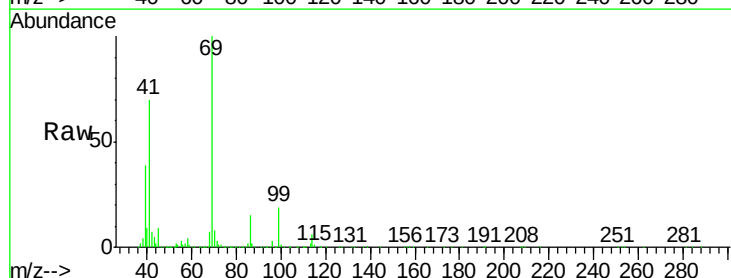
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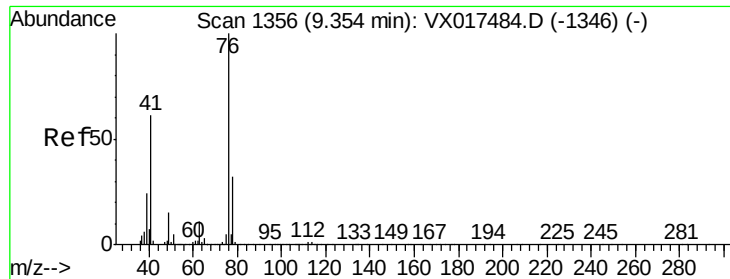
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#56
 Ethyl methacrylate
 Concen: 17.944 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.1	55.0	82.6
39	38.3	30.0	45.0





#57

1,3-Dichloropropane

Concen: 17.806 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampled :

VX0730WBS01

Tot Ion: 76 Resp: 178413

Ion Ratio Lower Upper

76 100

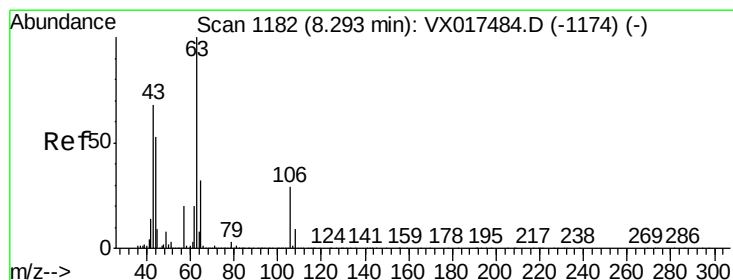
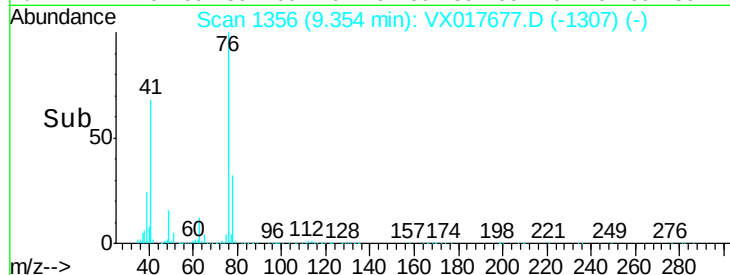
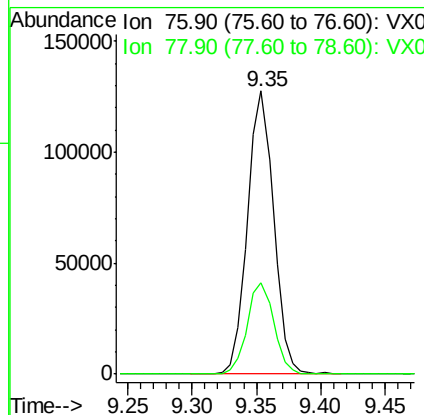
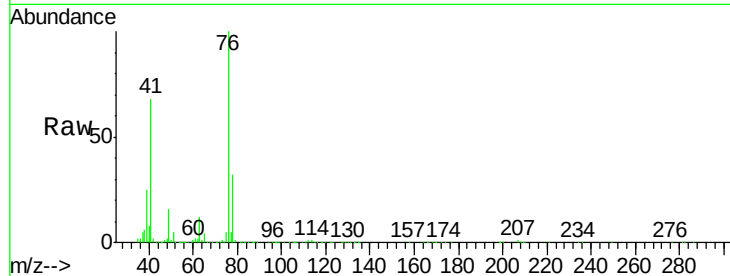
78 33.0 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 86.398 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017677.D

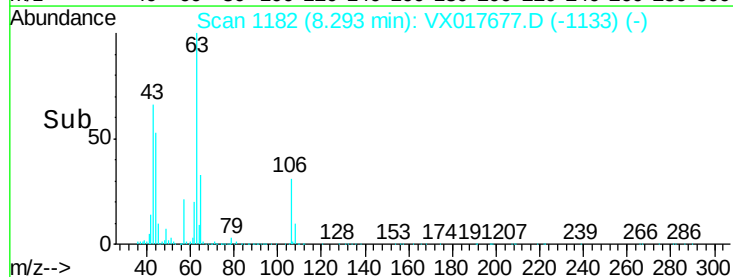
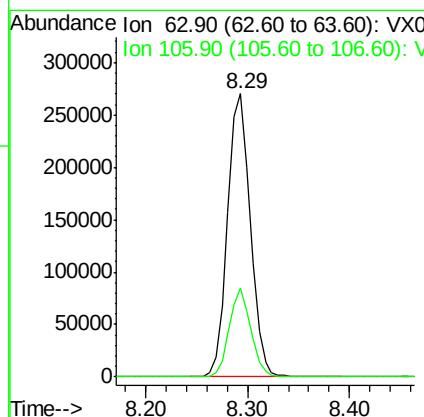
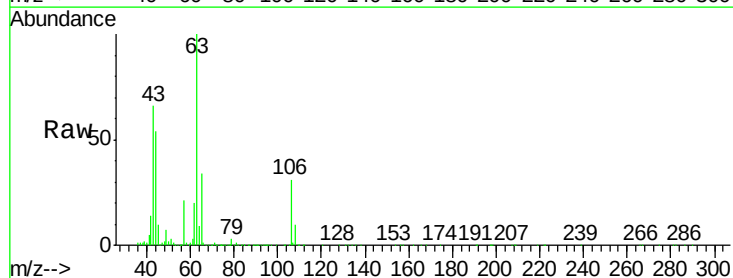
Acq: 30 Jul 2020 12:32

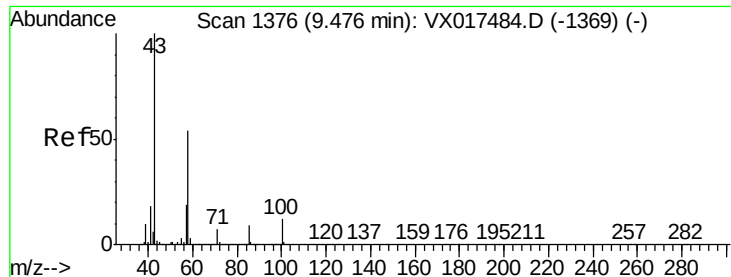
Tgt Ion: 63 Resp: 417285

Ion Ratio Lower Upper

63 100

106 29.5 22.6 34.0





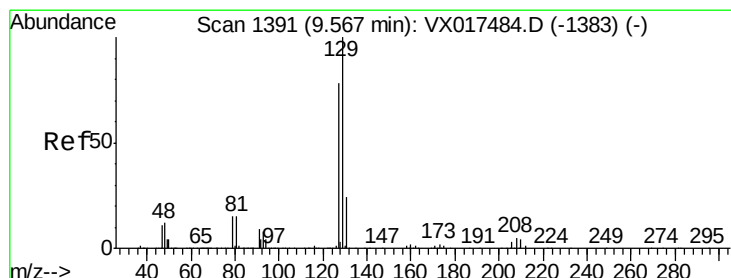
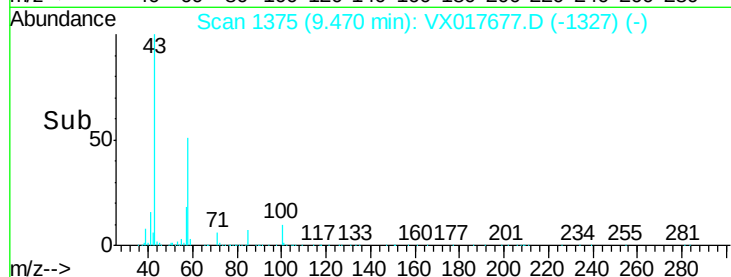
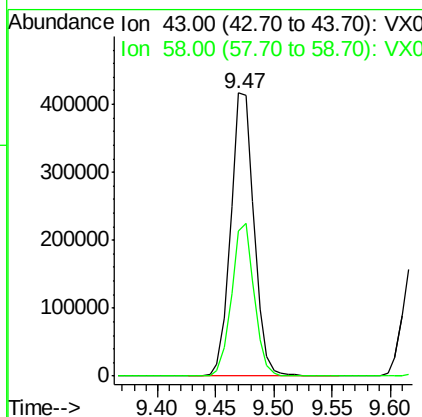
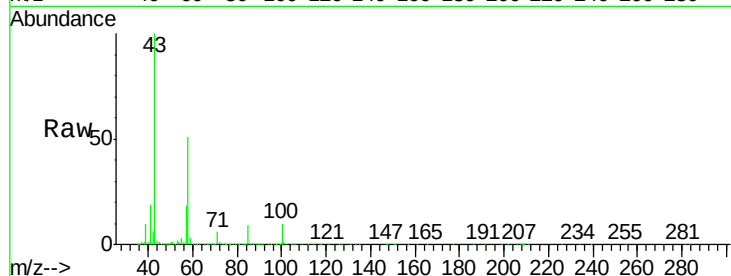
#59
2-Hexanone
Concen: 90.354 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	26.6	79.8

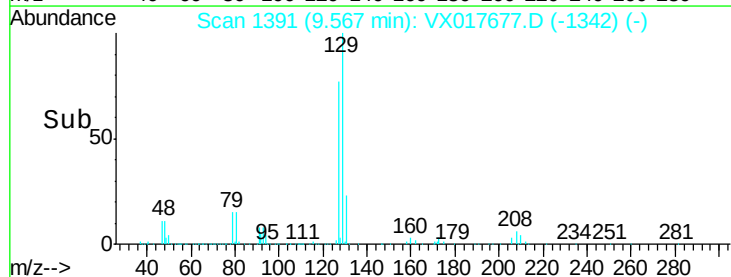
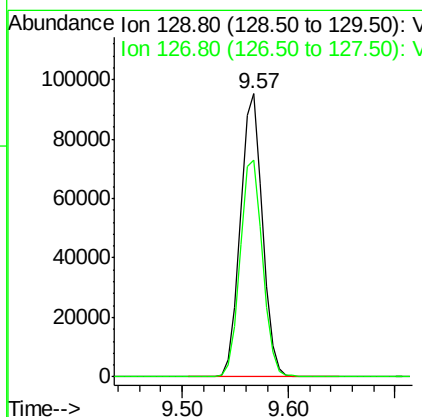
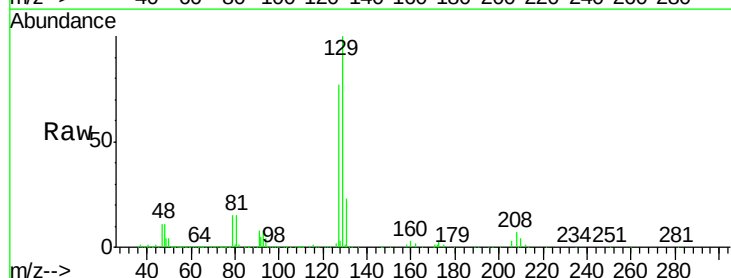
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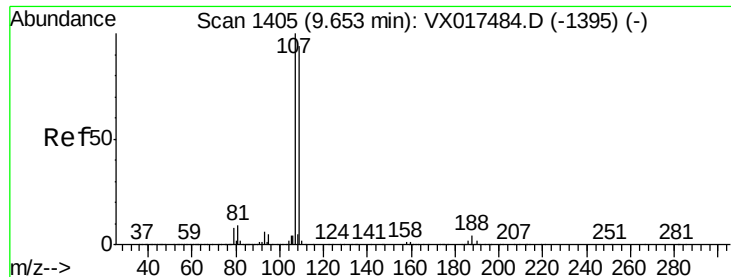
MMDadoda
7/31/2020 11:57:55 AM



#60
Dibromochloromethane
Concen: 17.984 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.1





#61

1,2-Dibromoethane

Concen: 18.338 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

Tot Ion:107 Resp: 118799

Ion Ratio Lower Upper

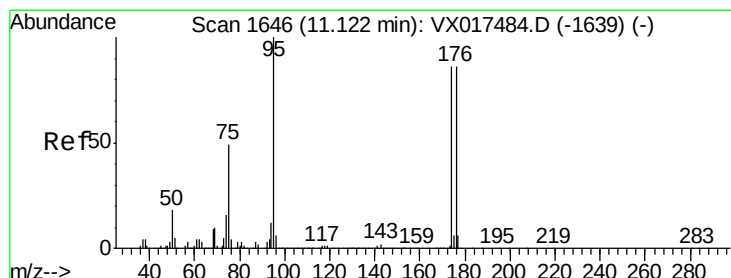
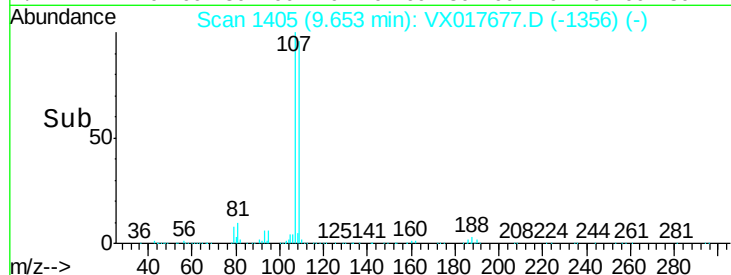
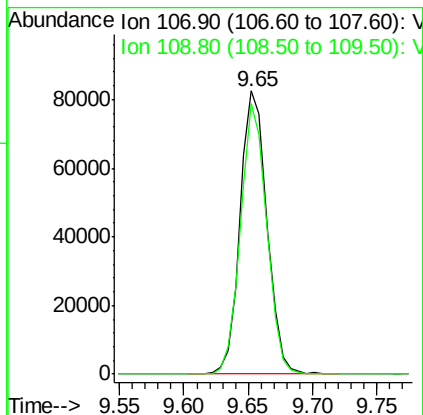
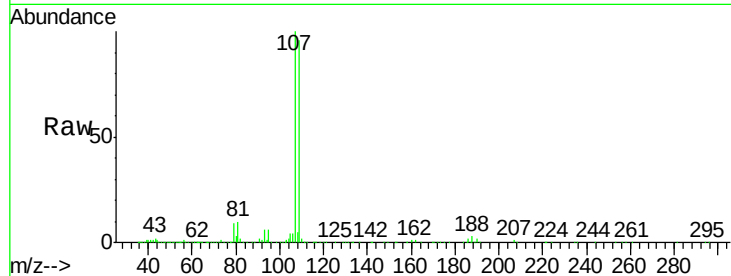
107 100

109 93.3 74.9 112.3

Manual Integrations
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7/31/2020 11:57:55 AM



#62

4-Bromofluorobenzene

Concen: 46.362 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

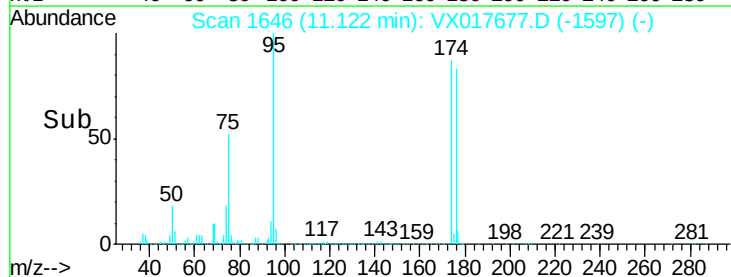
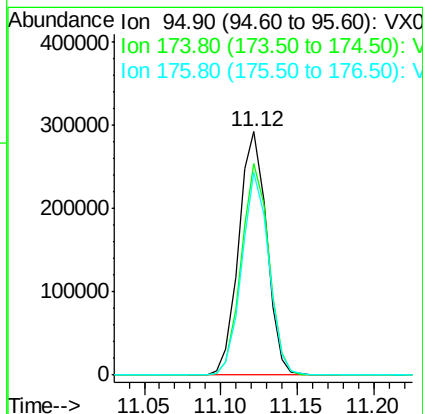
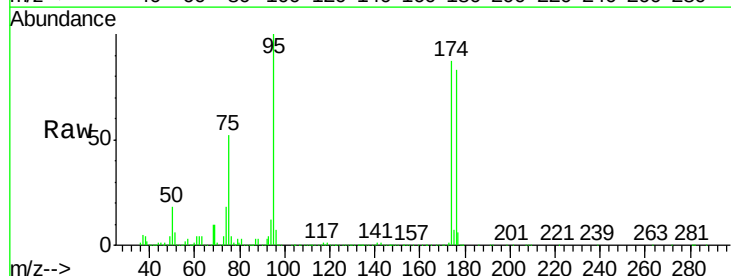
Tgt Ion: 95 Resp: 370810

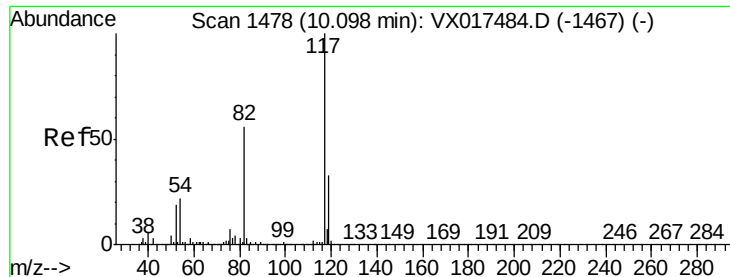
Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.0

176 80.3 0.0 161.0





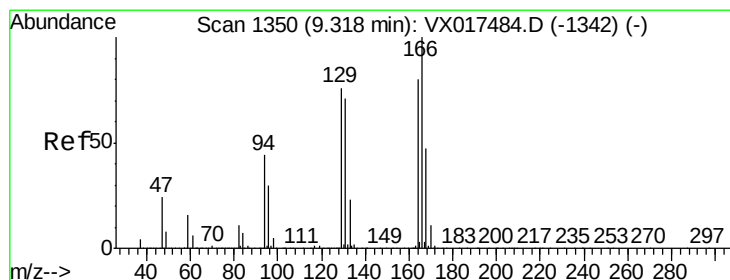
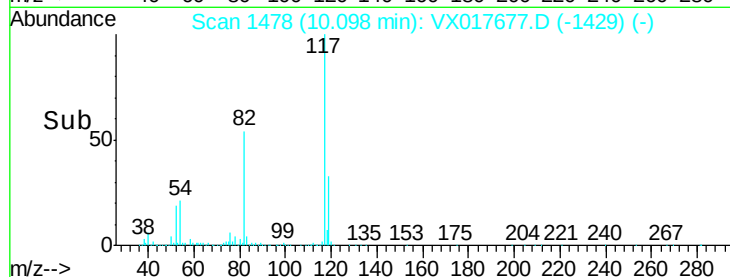
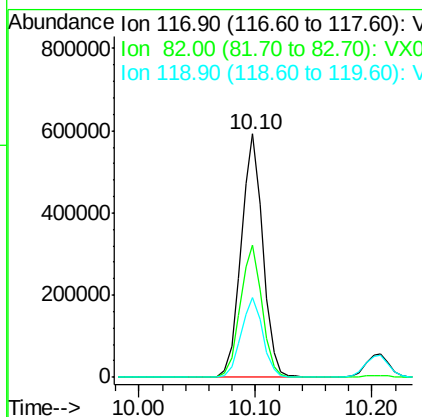
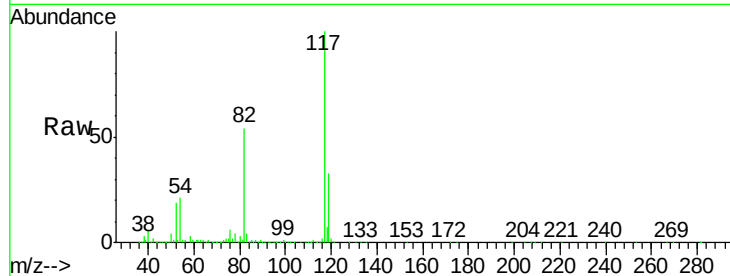
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.1	44.0	66.0
119	32.8	25.4	38.0

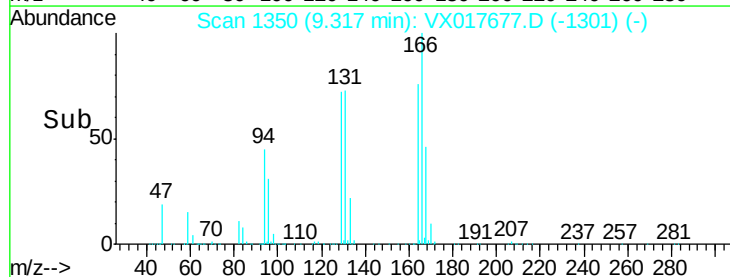
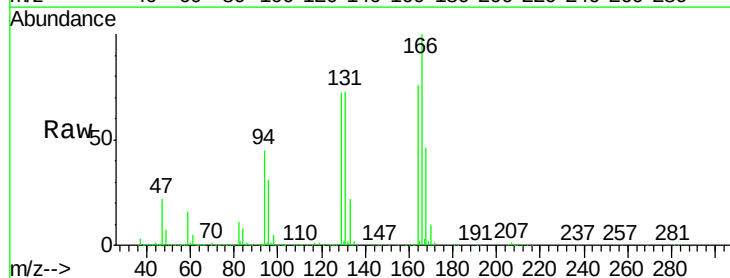
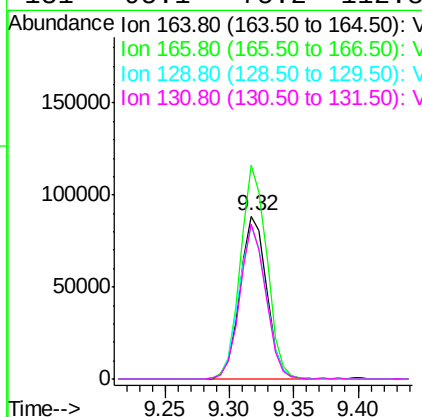
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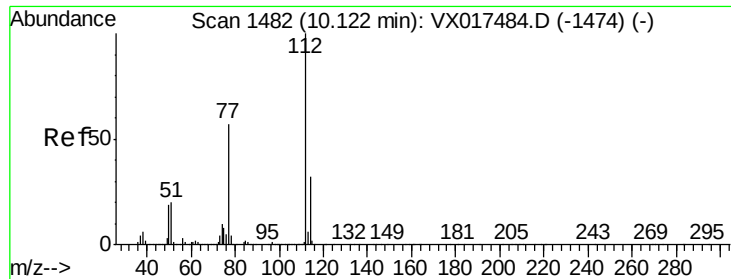
MMDadoda
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#64
Tetrachloroethene
Concen: 18.480 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	130.9	100.6	150.8
129	94.2	75.0	112.6
131	95.1	75.2	112.8





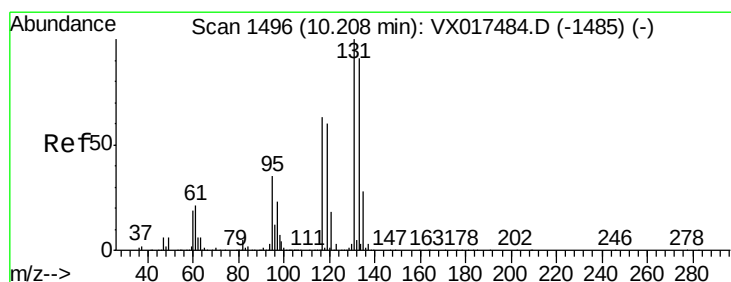
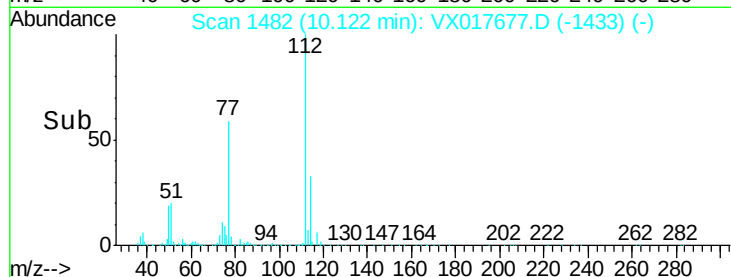
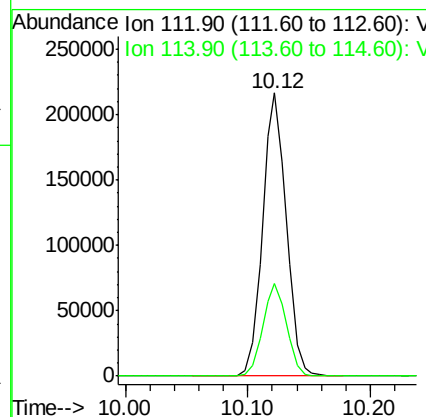
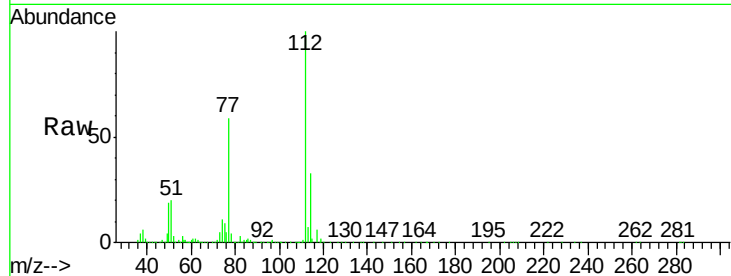
#65
Chlorobenzene
Concen: 17.682 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampled :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.7	38.5

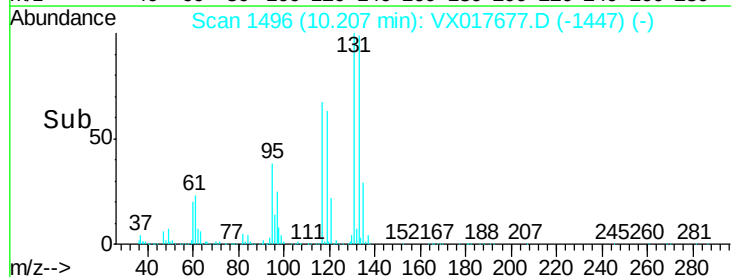
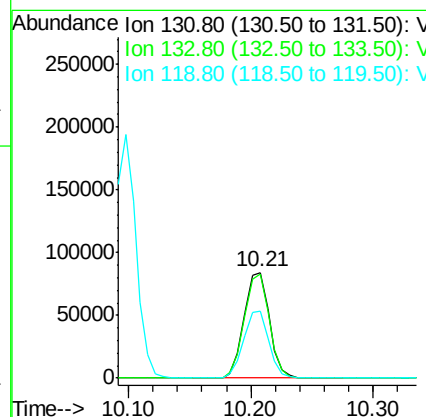
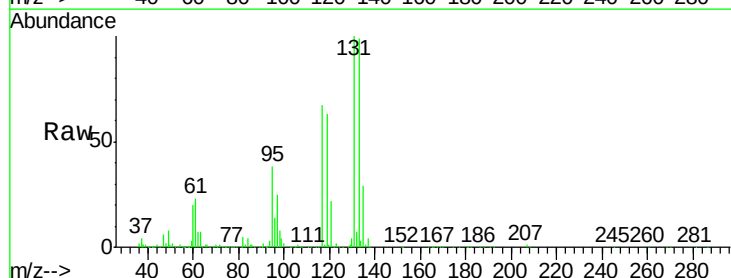
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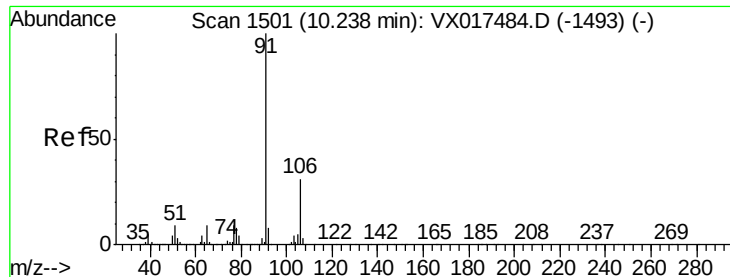
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.042 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.9	143.6
119	63.5	31.1	93.3





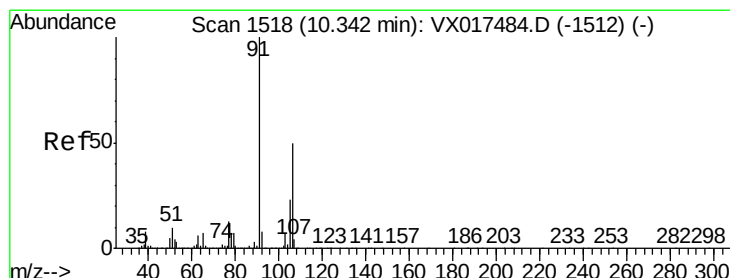
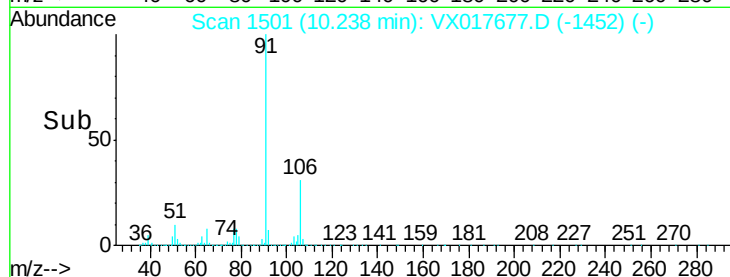
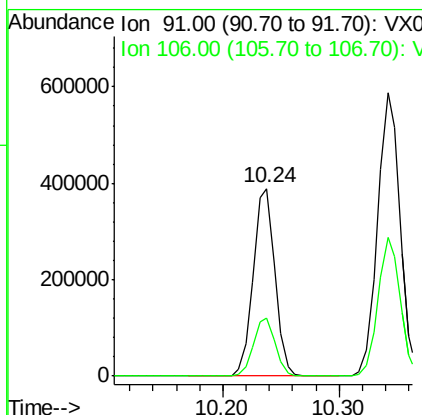
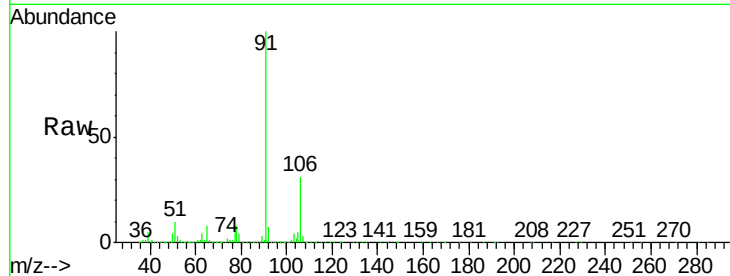
#67
Ethyl Benzene
Concen: 18.340 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion: 91 Resp: 508044
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6

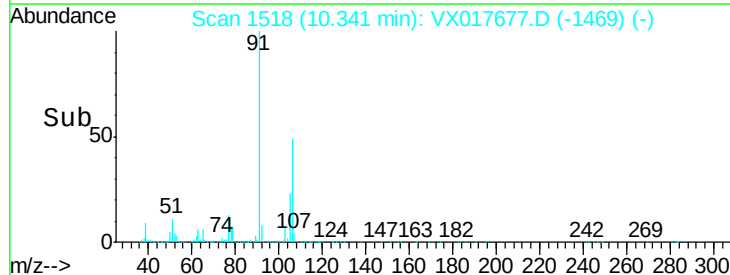
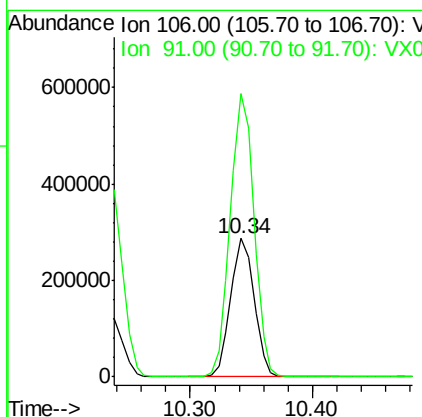
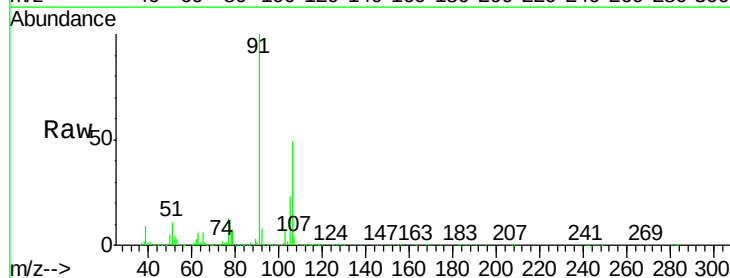
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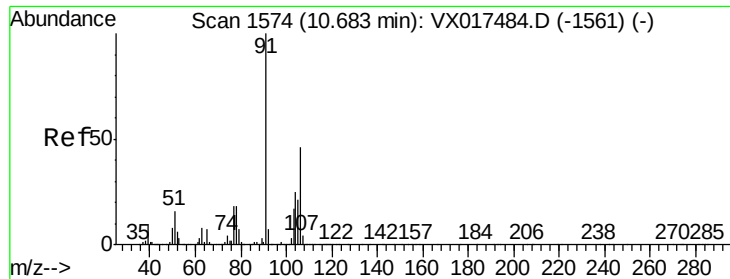
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#68
m/p-Xylenes
Concen: 35.834 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion: 106 Resp: 384557
Ion Ratio Lower Upper
106 100
91 205.4 160.9 241.3





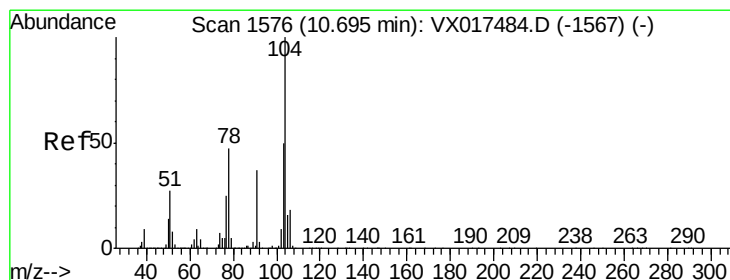
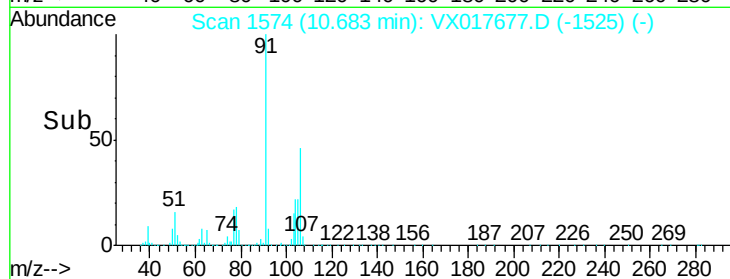
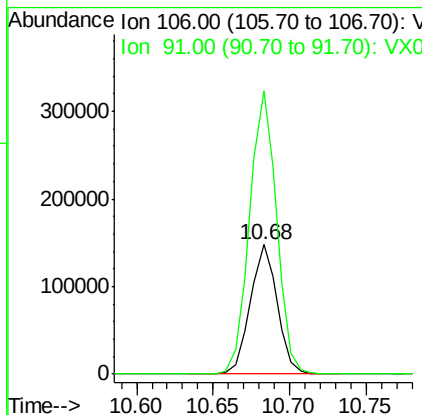
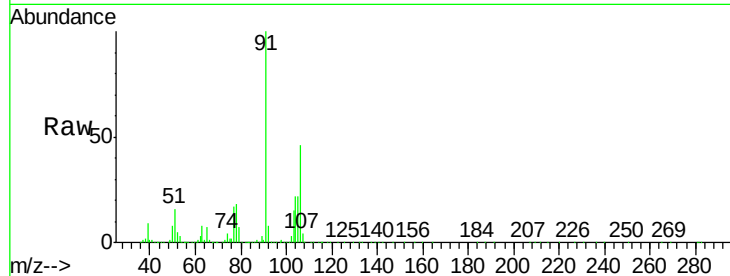
#69
o-Xylene
Concen: 17.562 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.2	108.2	324.6

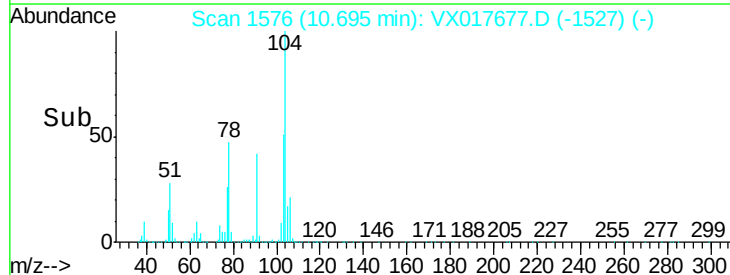
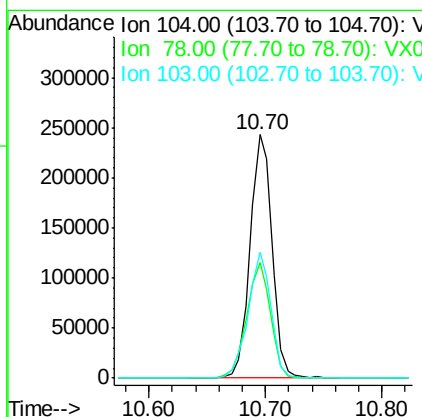
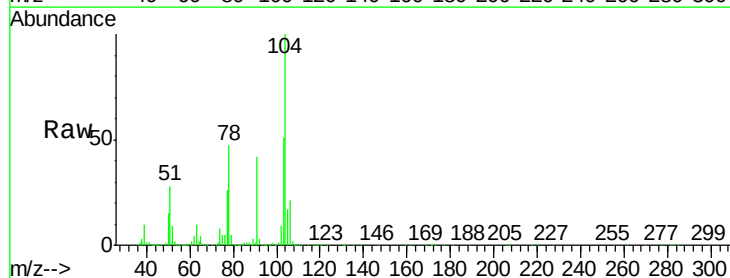
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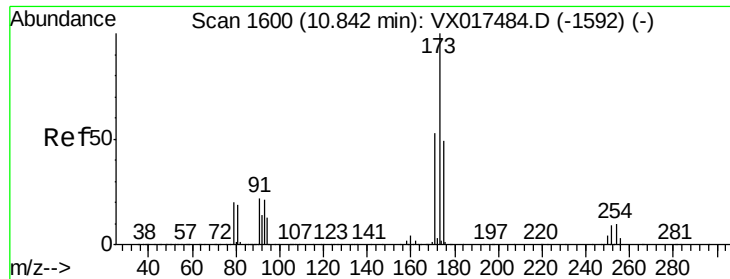
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#70
Styrene
Concen: 18.244 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	42.5	63.7
103	54.0	44.3	66.5





#71

Bromoform

Concen: 17.757 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

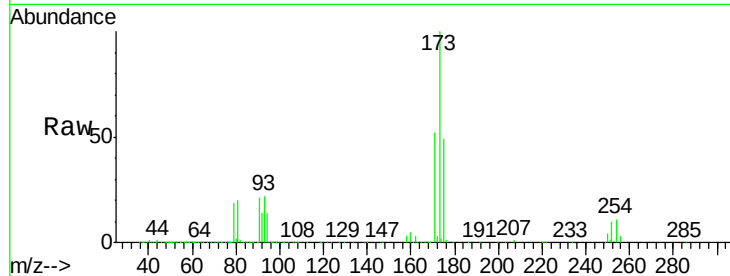
ClientSampleId :

VX0730WBS01

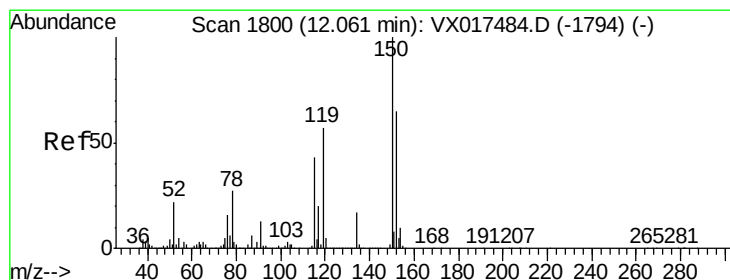
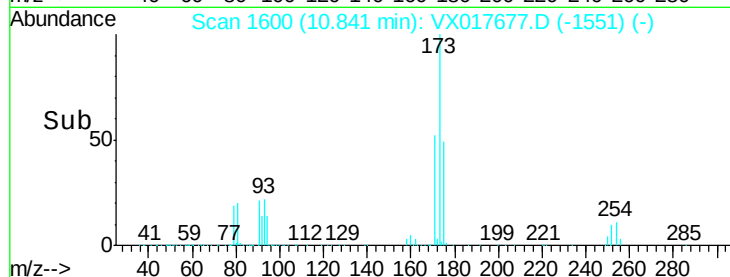
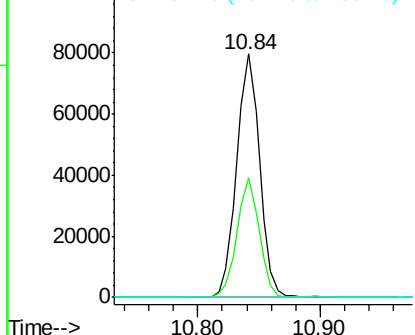
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.5
254	0.0	0.1	0.1

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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

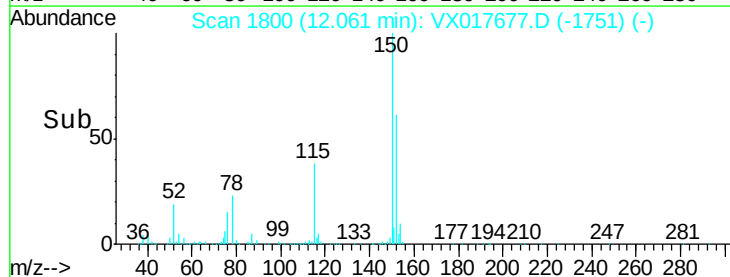
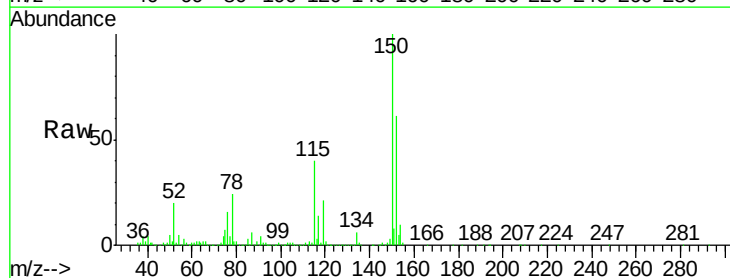
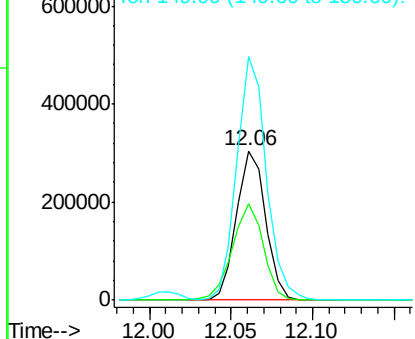
Delta R.T. -0.00 min

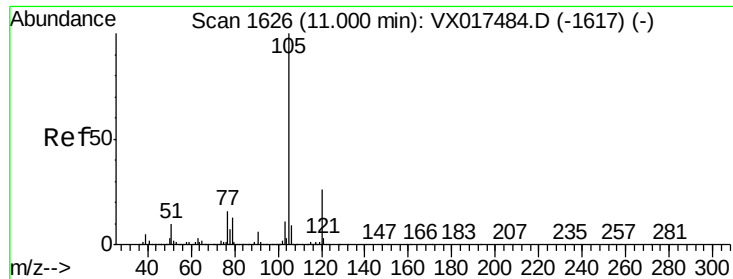
Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.5	65.5	196.6
150	165.1	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: 19.479 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

Tot Ion:105 Resp: 507597

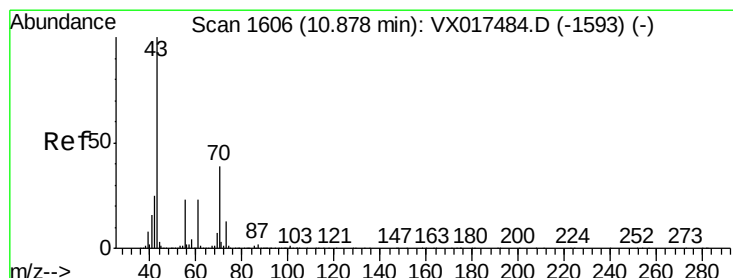
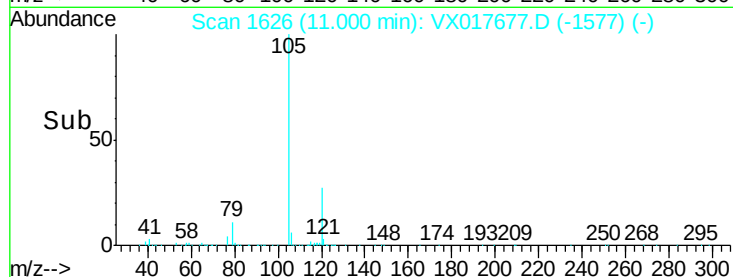
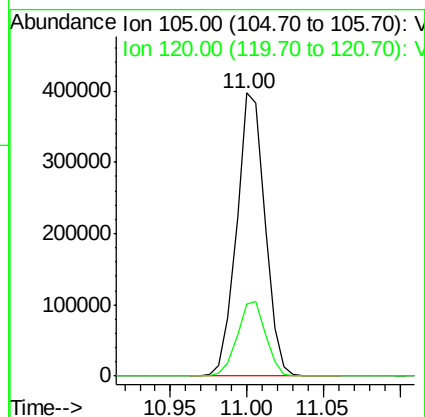
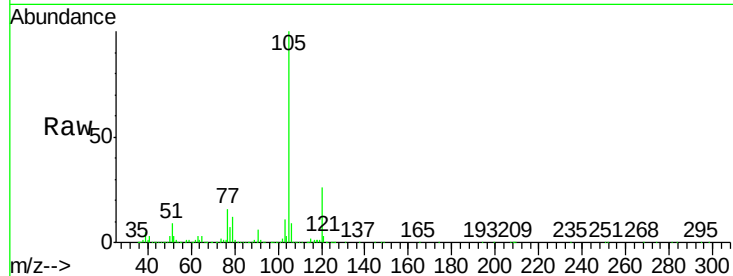
Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8

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7/31/2020 11:57:55 AM



#74

N-ethyl acetate

Concen: 18.363 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion: 43 Resp: 212615

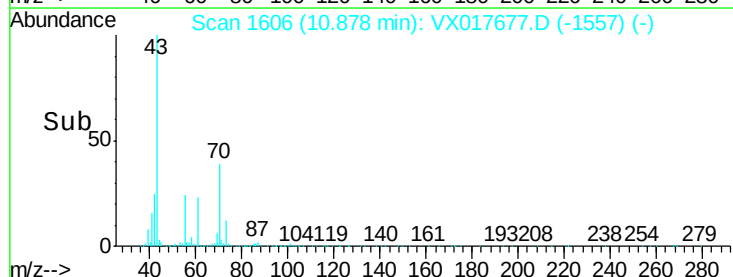
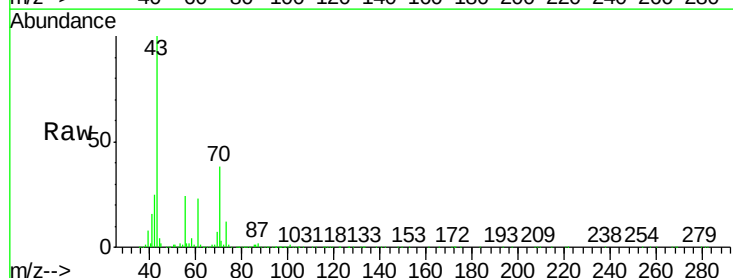
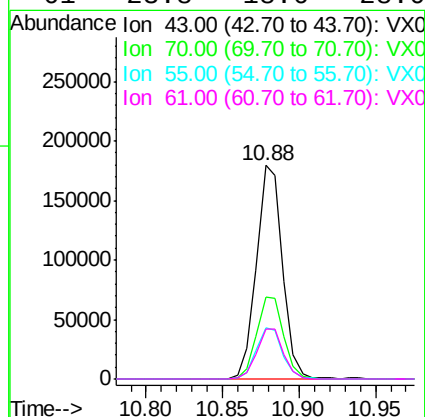
Ion Ratio Lower Upper

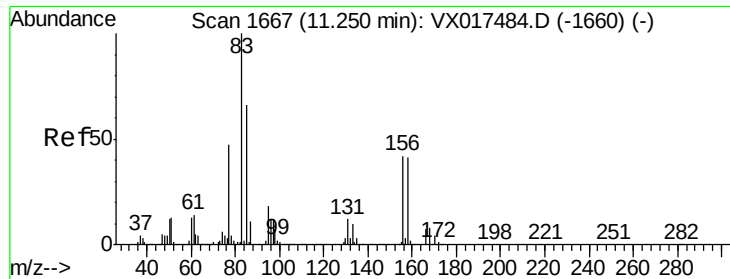
43 100

70 40.1 32.3 48.5

55 24.1 18.4 27.6

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.874 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

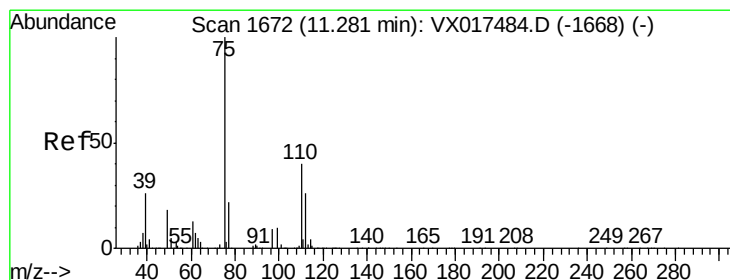
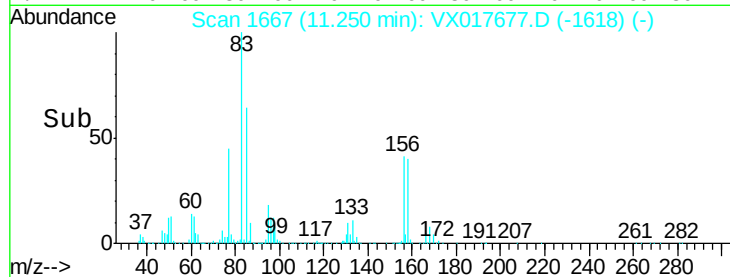
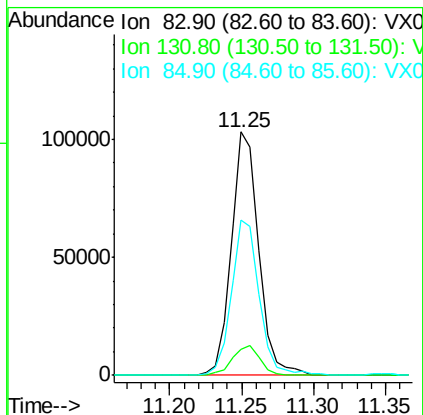
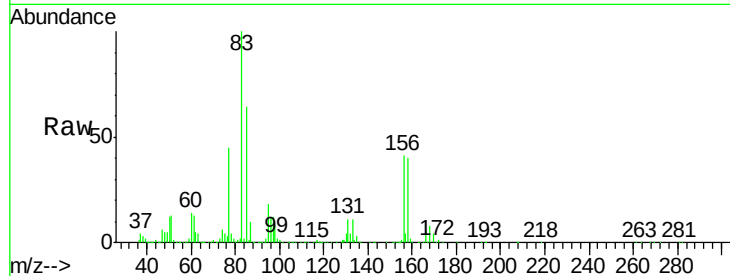
ClientSampled :

VX0730WBS01

Tot Ion:	83	Resp:	137248
Ion Ratio	Lower	Upper	
83	100		
131	12.5	5.5	16.5
85	65.0	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 17.838 ug/l m

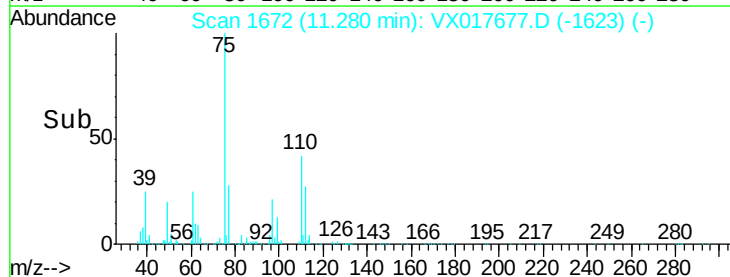
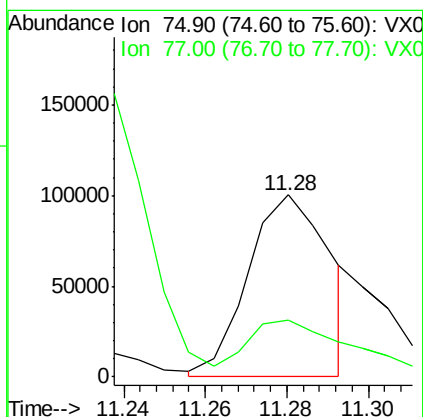
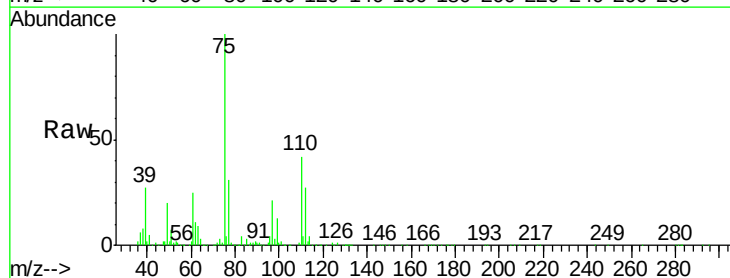
RT: 11.28 min Scan# 1672

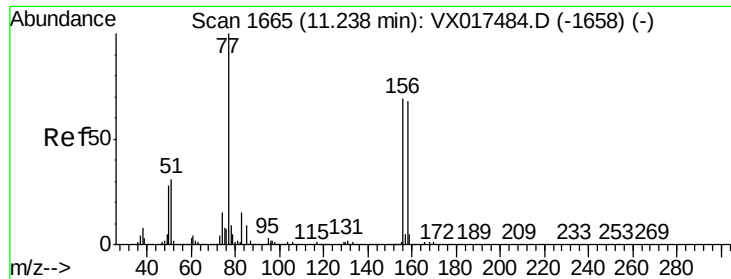
Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion:	75	Resp:	139382
Ion Ratio	Lower	Upper	
75	100		
77	40.1	21.8	65.3





#77

Bromobenzene

Concen: 17.903 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

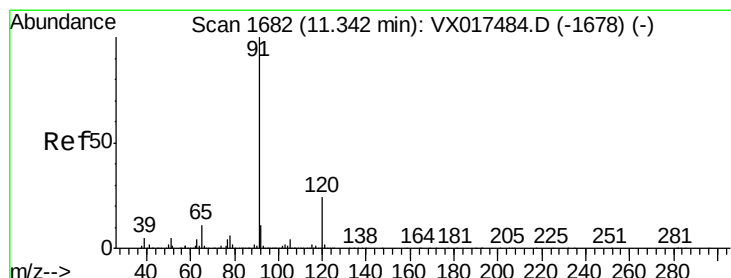
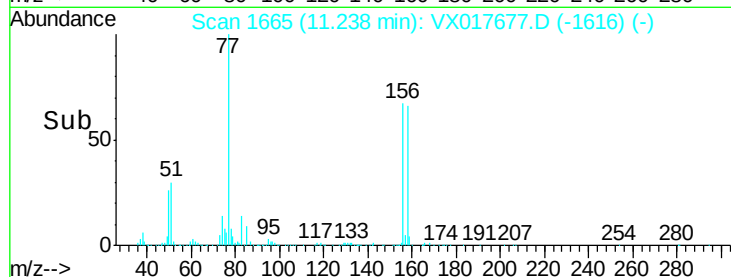
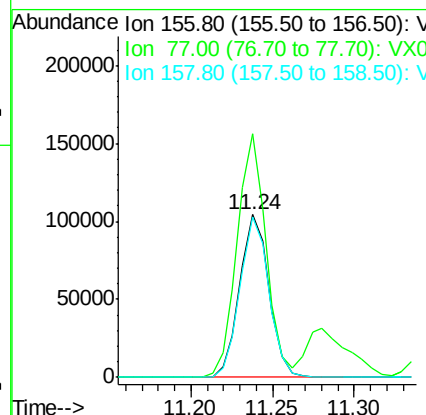
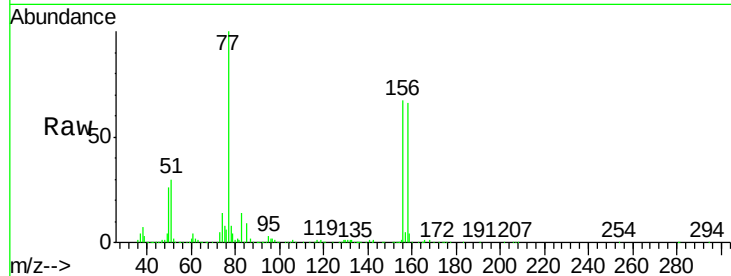
ClientSampleId :

VX0730WBS01

Tot Ion:	156	Resp:	130605
Ion Ratio	Lower	Upper	
156	100		
77	147.7	75.0	225.0
158	97.7	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.787 ug/l

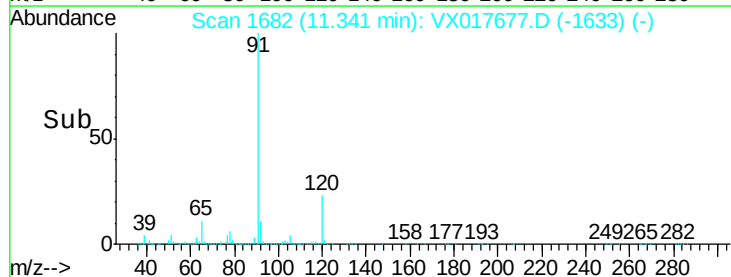
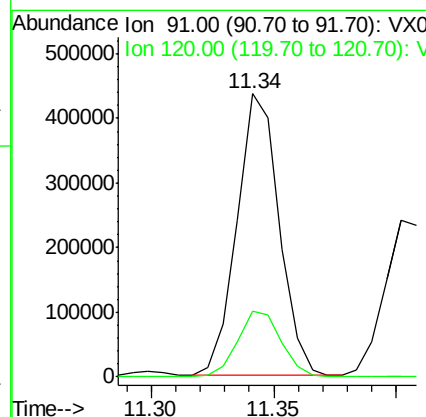
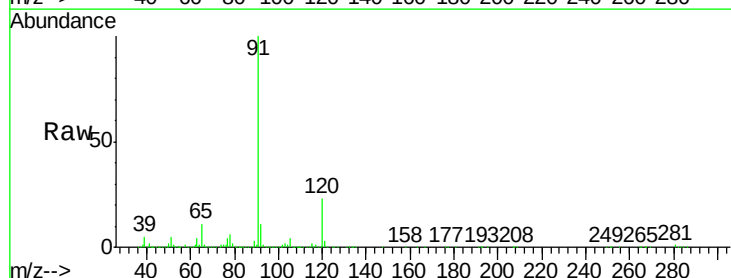
RT: 11.34 min Scan# 1682

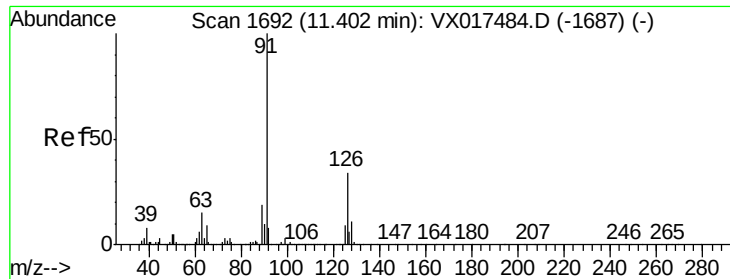
Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion:	91	Resp:	522753
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.2	36.4





#79

2-Chlorotoluene

Concen: 17.257 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

ClientSampled :

VX0730WBS01

Tot Ion: 91 Resp: 314180

Ion Ratio Lower Upper

91 100

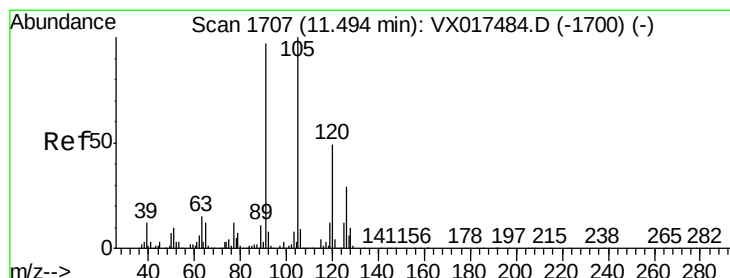
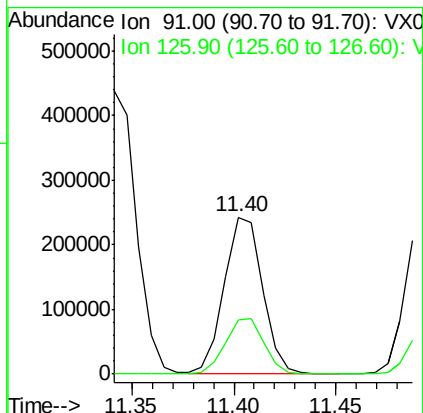
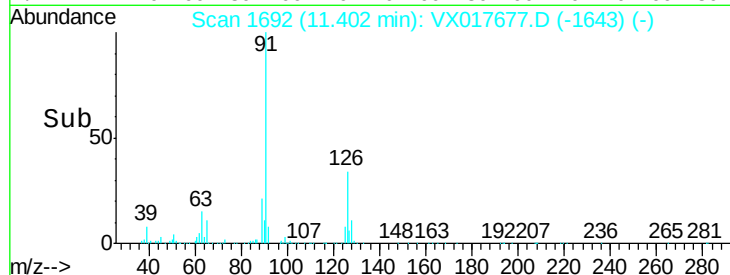
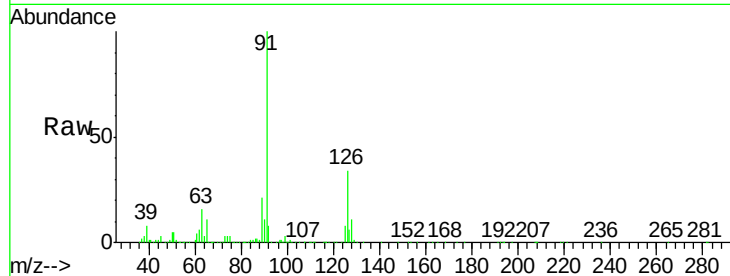
126 36.5 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 18.148 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017677.D

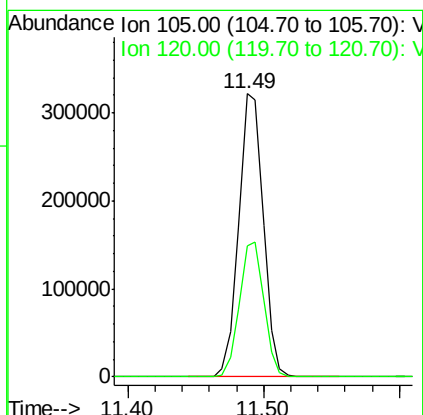
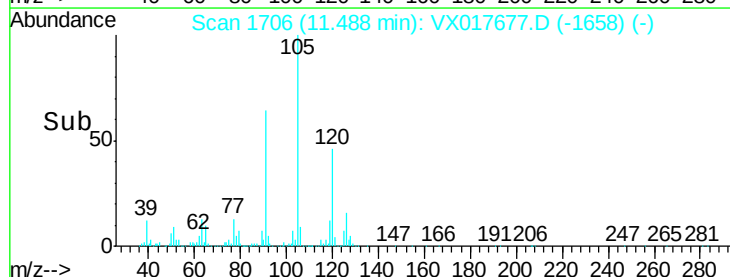
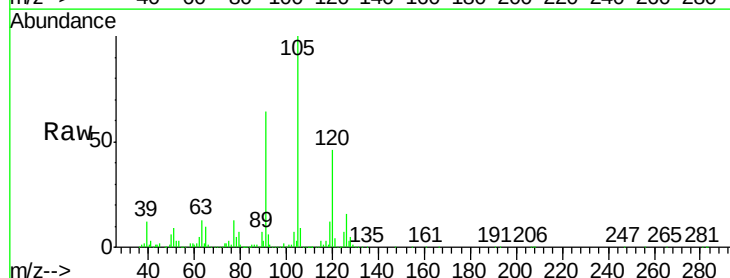
Acq: 30 Jul 2020 12:32

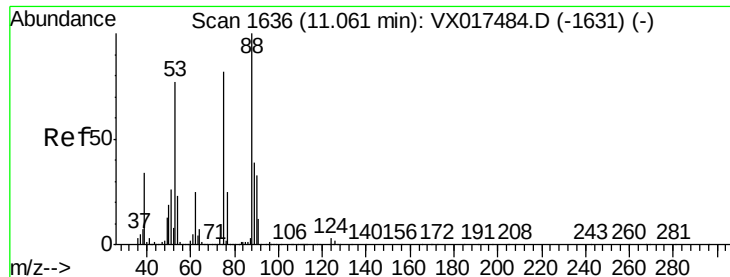
Tgt Ion: 105 Resp: 403785

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3





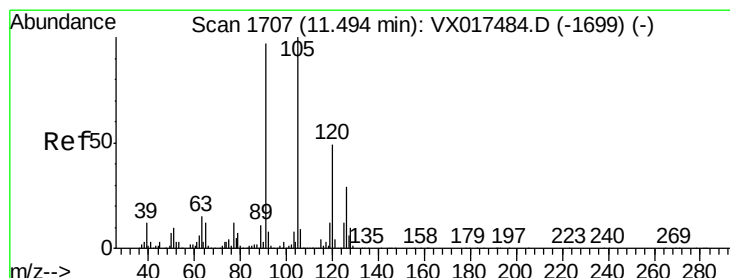
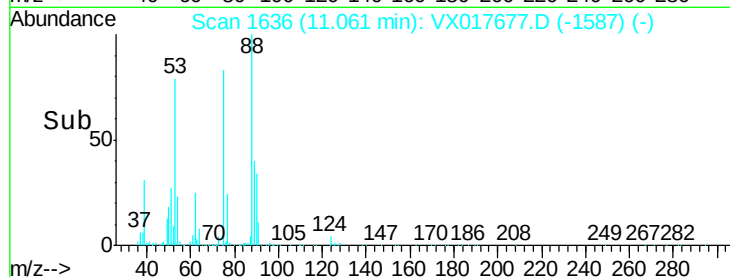
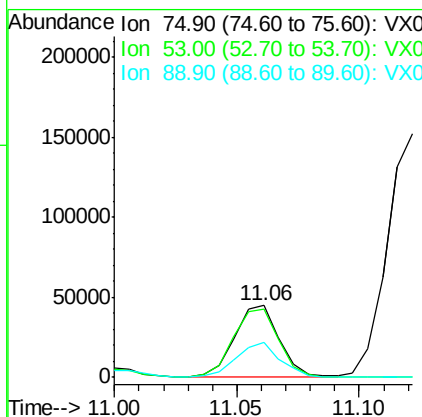
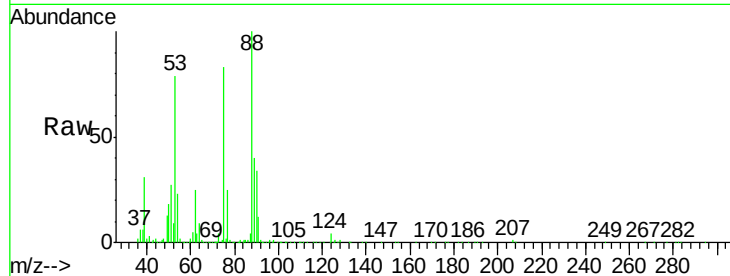
#81
trans-1,4-Dichloro-2-butene
Concen: 18.267 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	75.9	113.9
89	48.3	37.8	56.6

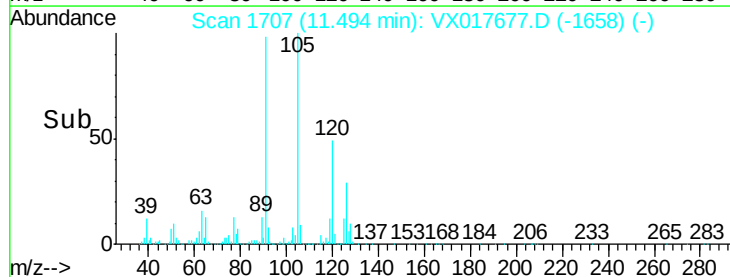
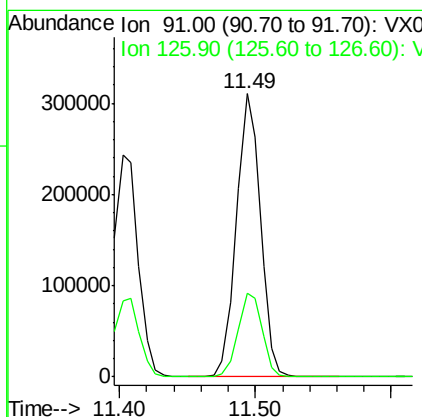
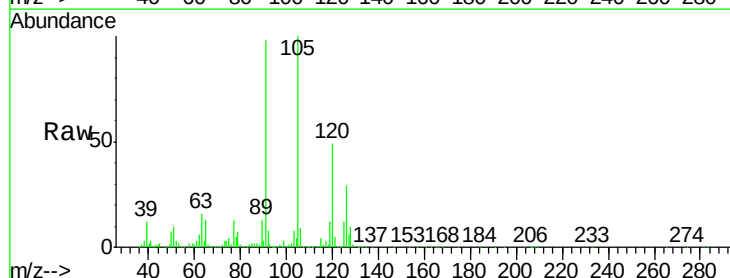
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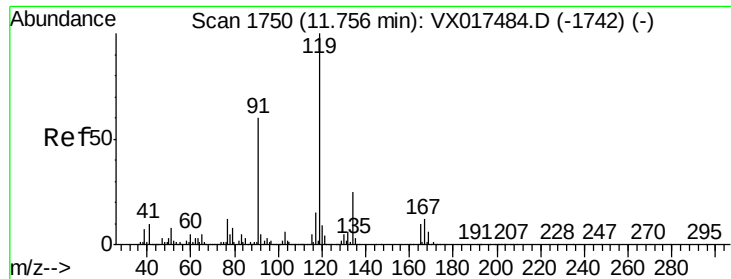
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#82
4-Chlorotoluene
Concen: 17.804 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.2	45.6





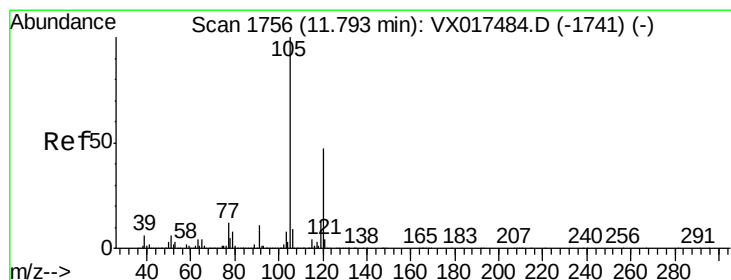
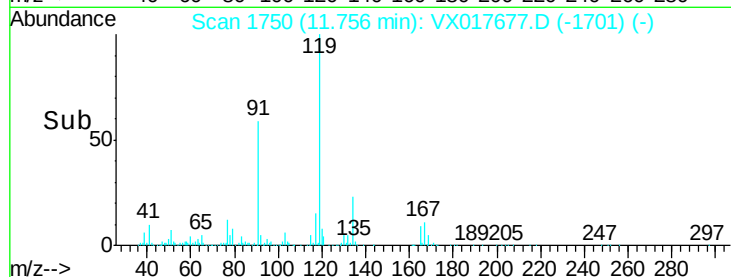
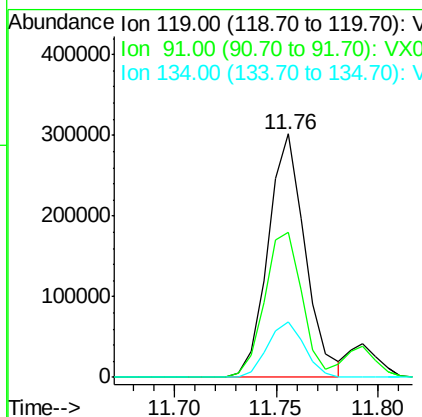
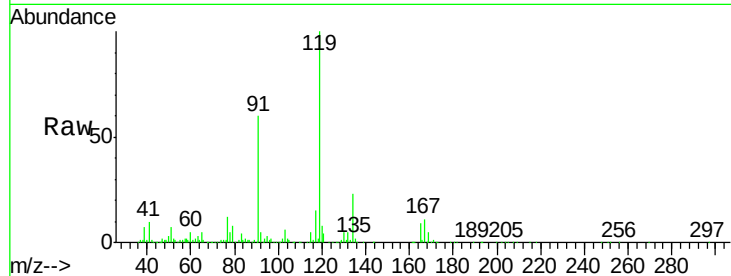
#83
 tert-Butylbenzene
 Concen: 17.961 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	382375		
91	60.0	29.3	88.0	
134	22.9	11.2	33.6	

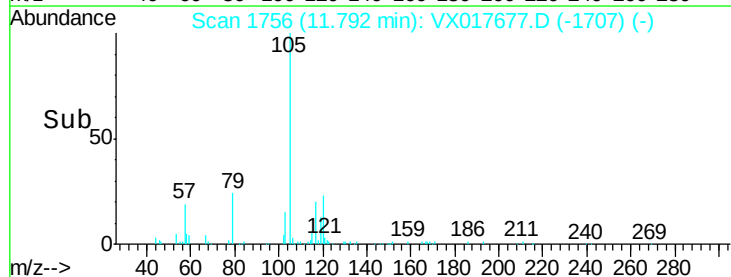
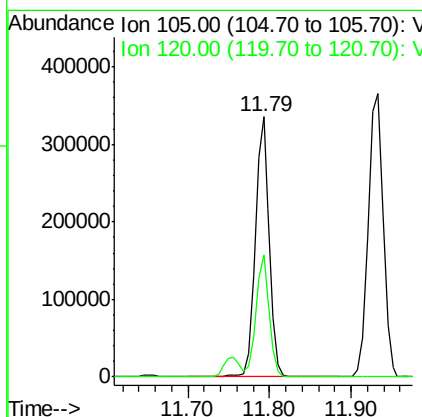
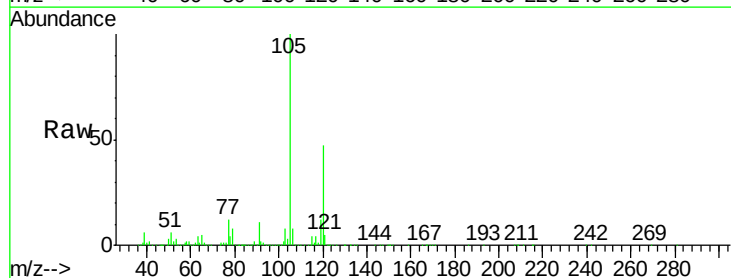
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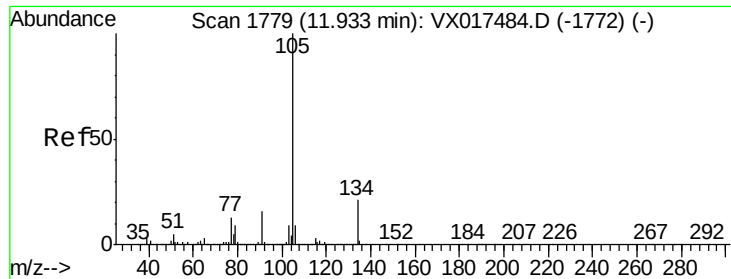
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.340 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	405859		
120	44.8	22.7	68.0	





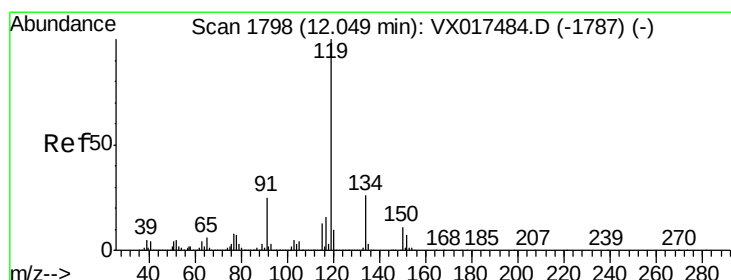
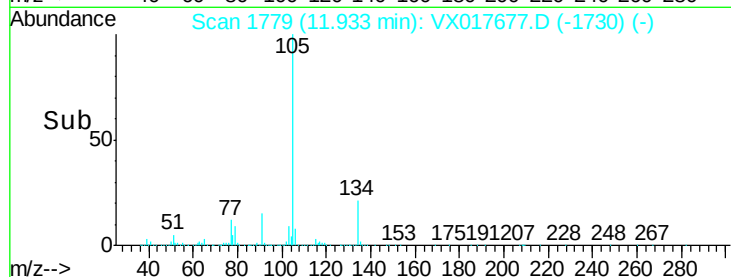
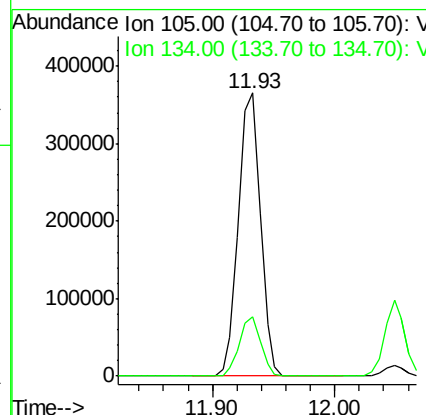
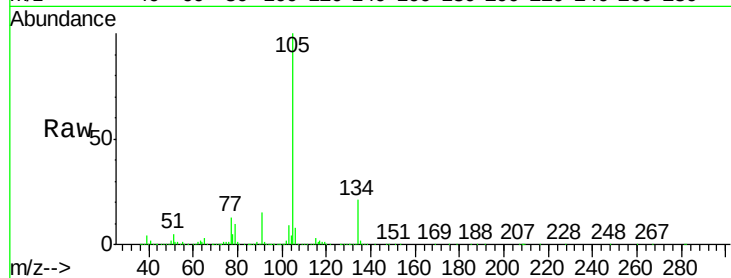
#85
 sec-Butylbenzene
 Concen: 18.295 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.2

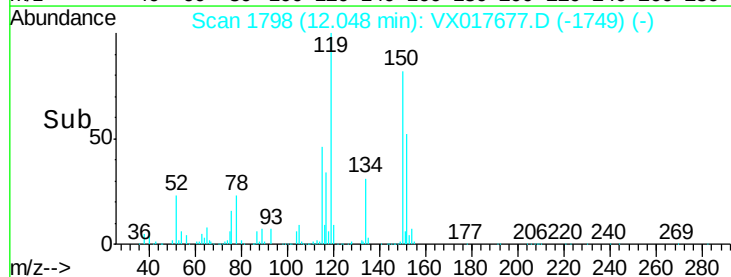
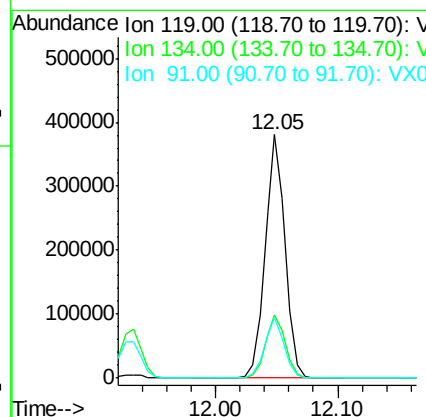
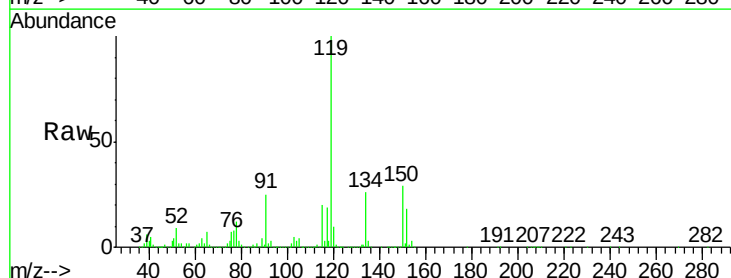
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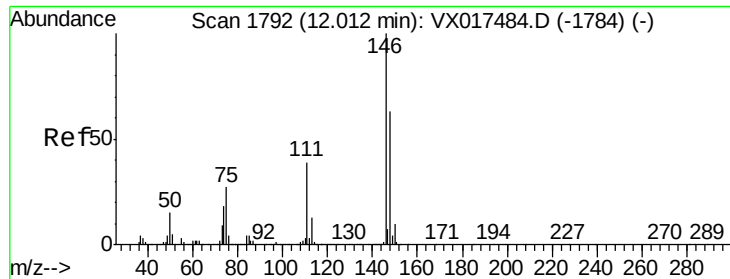
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#86
 p-Isopropyltoluene
 Concen: 18.251 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	24.6	12.1	36.3





#87

1,3-Dichlorobenzene

Concen: 18.001 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

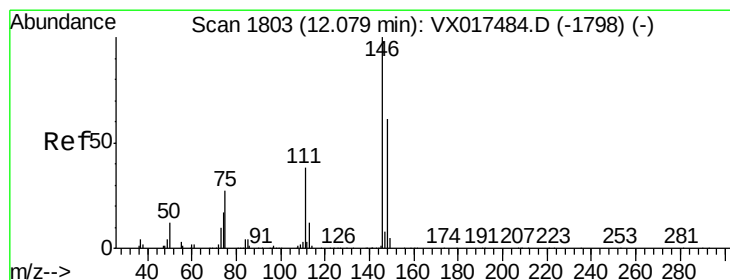
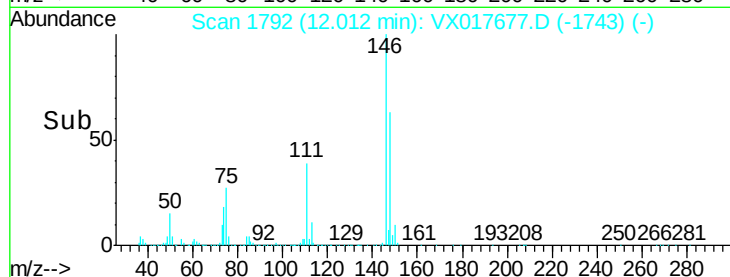
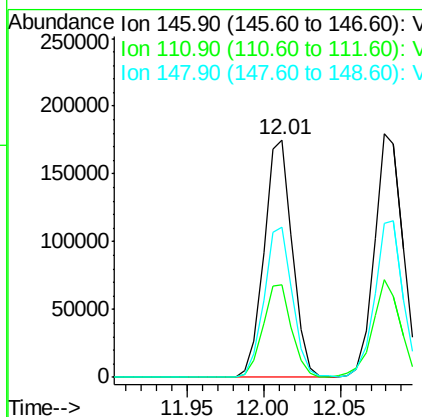
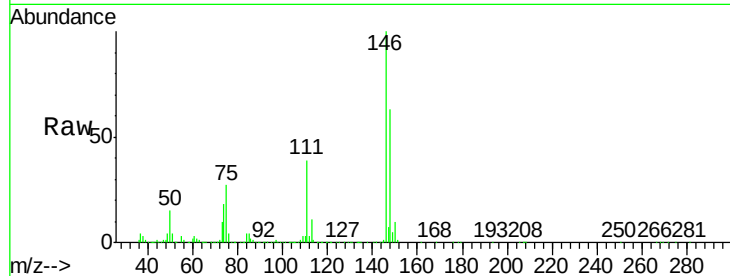
ClientSampleId :

VX0730WBS01

Tot Ion:	146	Resp:	225515
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.9	59.7
148	63.4	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 17.583 ug/l

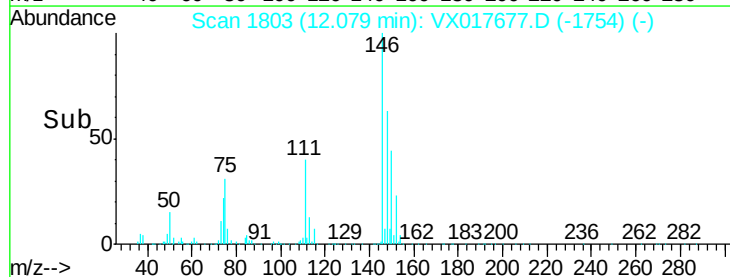
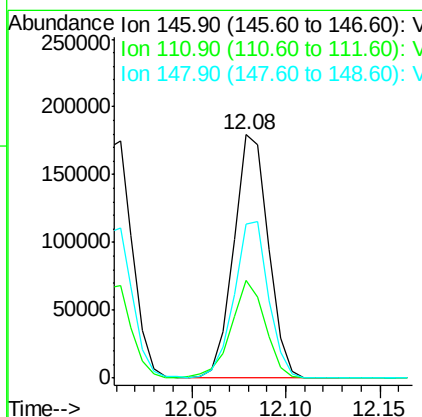
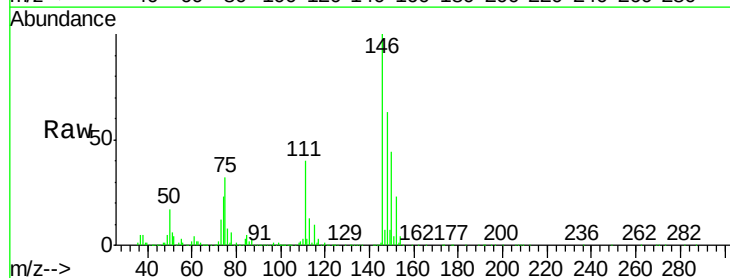
RT: 12.08 min Scan# 1803

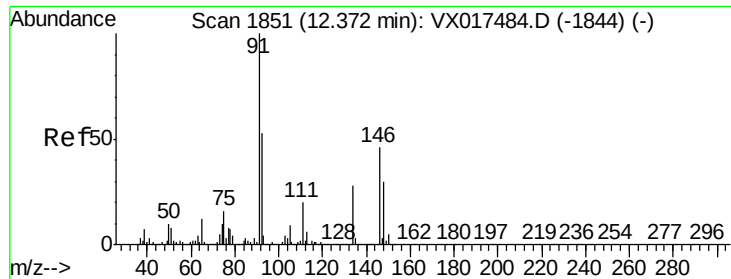
Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Tgt Ion:	146	Resp:	228168
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.3	57.8
148	64.3	32.2	96.6





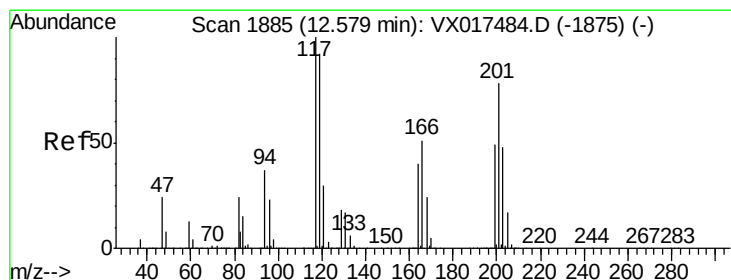
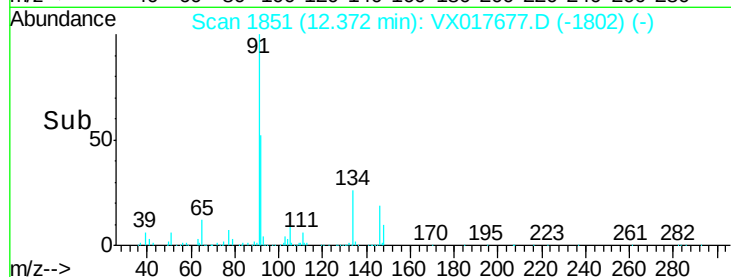
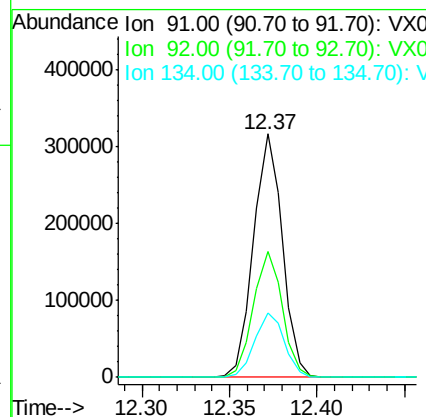
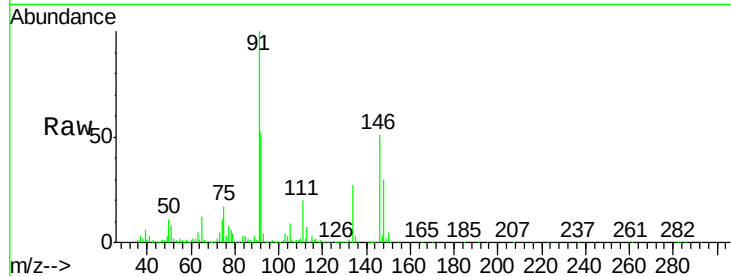
#89
n-Butylbenzene
Concen: 17.205 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.7	80.1
134	27.4	13.6	40.7

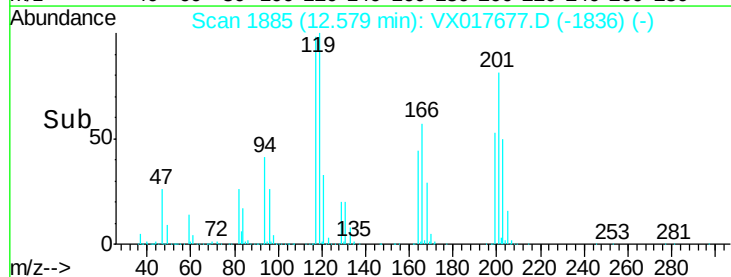
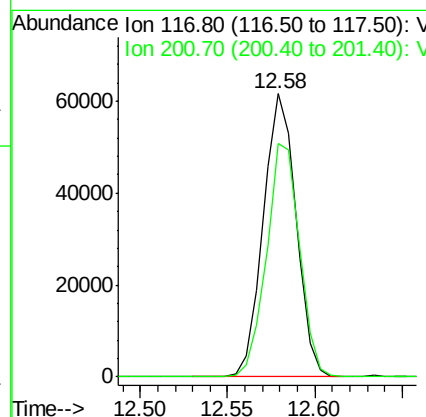
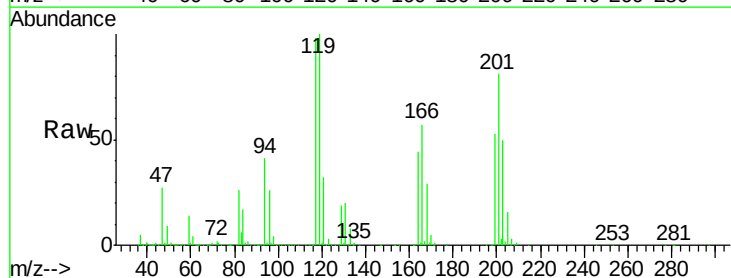
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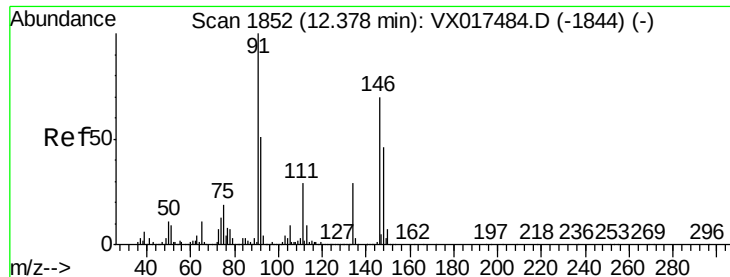
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#90
Hexachloroethane
Concen: 17.265 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	42.2	126.6





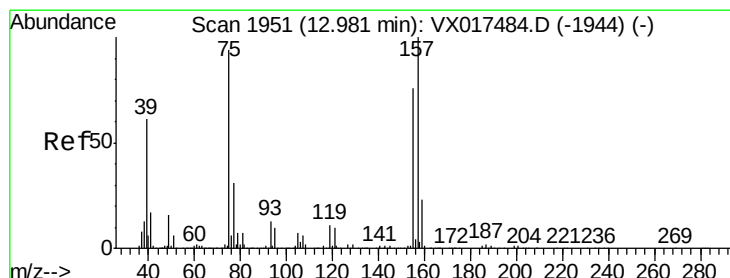
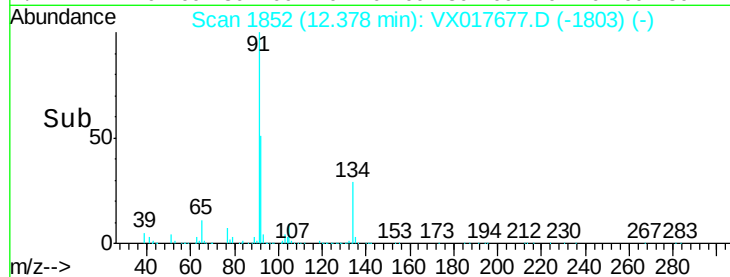
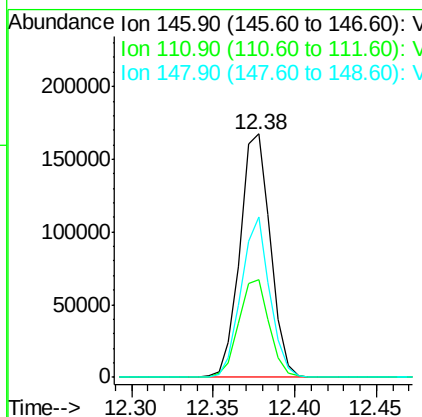
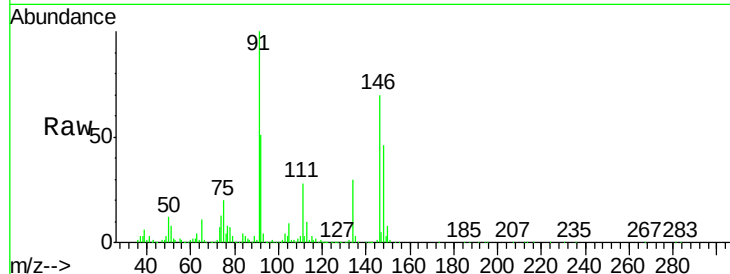
#91
 1,2-Dichlorobenzene
 Concen: 17.706 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.9	62.8
148	62.1	32.8	98.4

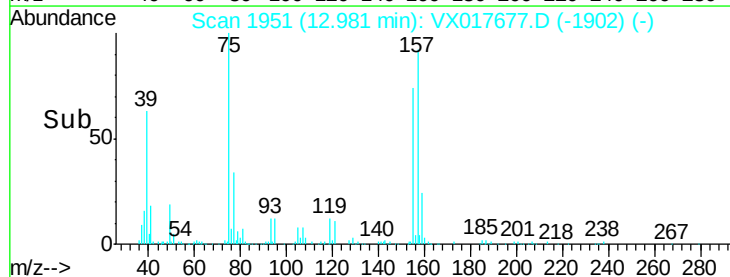
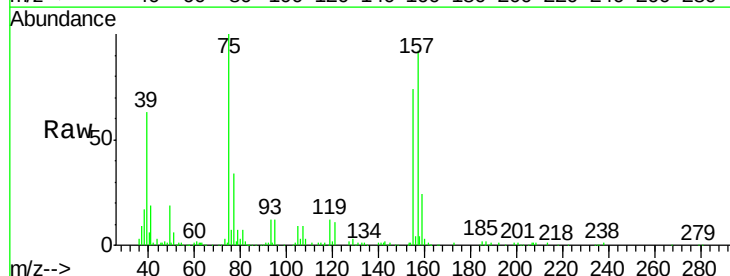
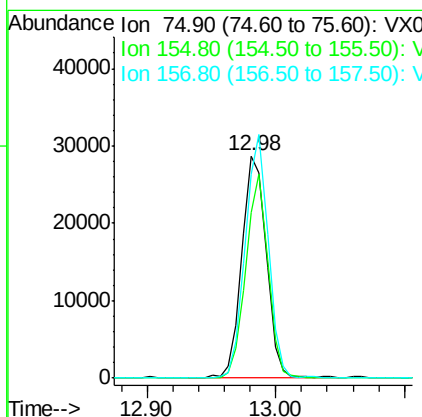
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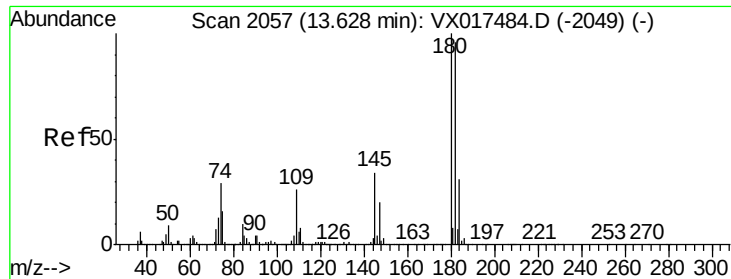
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.217 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017677.D
 Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	42.3	126.8
157	101.1	54.3	162.9





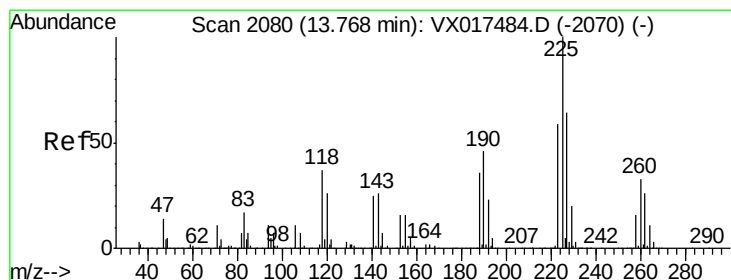
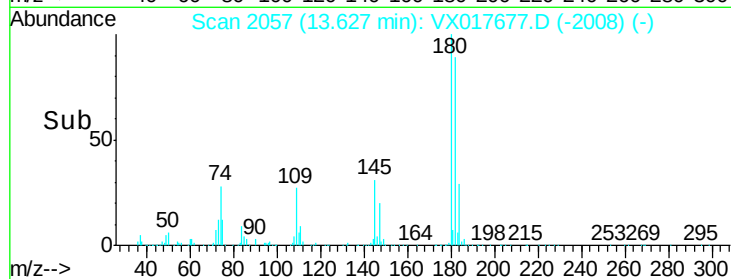
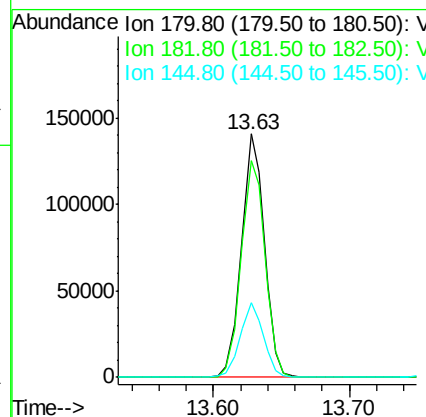
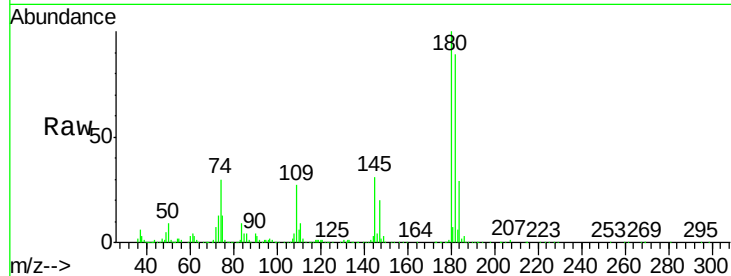
#93
1,2,4-Trichlorobenzene
Concen: 19.639 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165029		
182	92.9	47.5	142.6	
145	31.0	15.4	46.4	

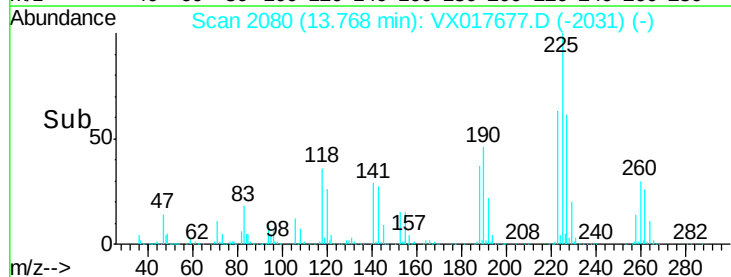
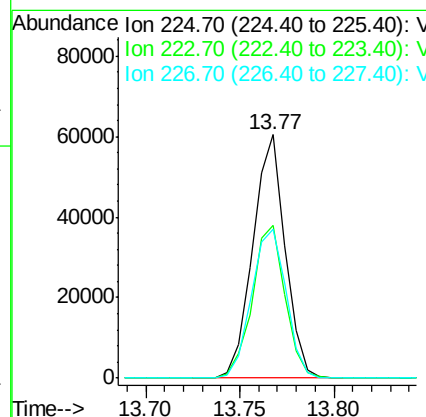
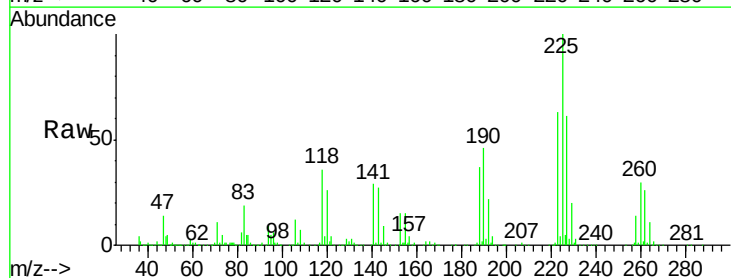
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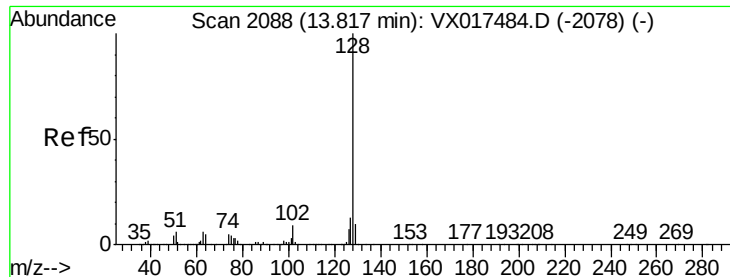
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7/31/2020 11:57:55 AM



#94
Hexachlorobutadiene
Concen: 18.539 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017677.D
Acq: 30 Jul 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71713		
223	63.8	30.3	90.9	
227	65.7	31.1	93.2	





#95

Naphthalene

Concen: 19.340 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017677.D

Acq: 30 Jul 2020 12:32

Instrument :

MSVOA_X

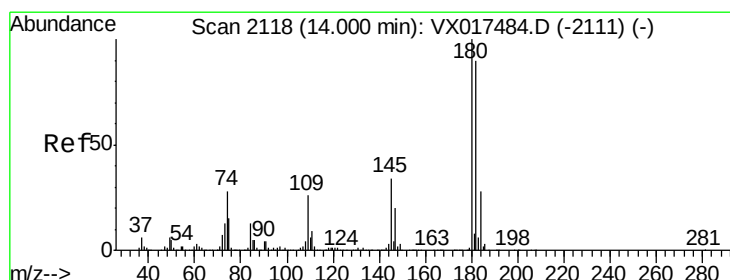
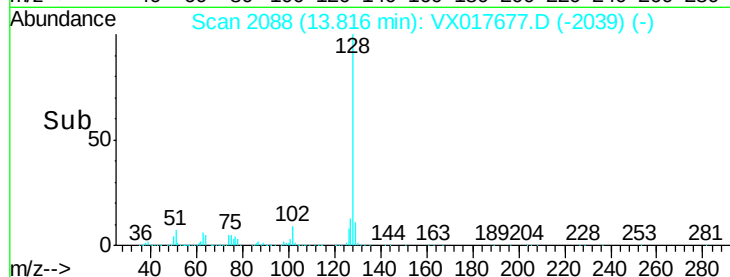
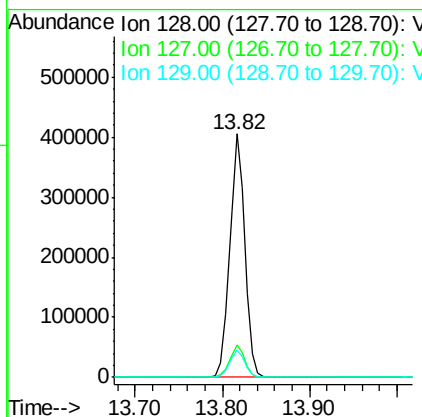
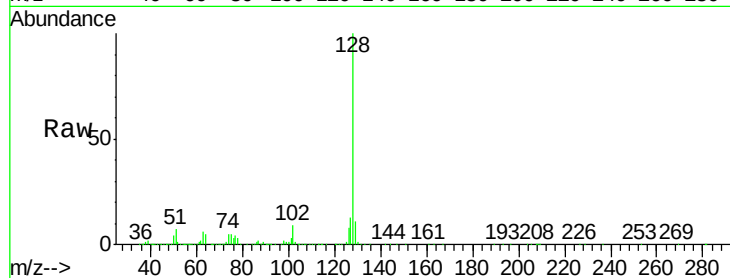
ClientSampled :

VX0730WBS01

Tot Ion:	128	Resp:	485142
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/31/2020 11:57:55 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.309 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

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Acq: 30 Jul 2020 12:32

Tgt Ion:	180	Resp:	151914
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.4	142.3
145	33.0	16.3	48.9

