

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030343.D
 Acq On : 29 Mar 2023 21:50
 Operator : SY/MD
 Sample : 02099-07MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0MSD

Quant Time: Mar 30 02:16:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	149625	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	142787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40767	4.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.536	69	40272	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.066	63	102070	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.854	46	114207	44.588	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	4.259	84	111233	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.953	65	52778	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.970	84	188581	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.998	67	59918	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.252	98	174924	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.561	79	20538	4.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.040	63	102859	53.971	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.940%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47131	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	65243	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	86077	4.525	ug/L	99
3) Chloromethane	1.214	50	104217	4.342	ug/L	97
5) Vinyl chloride	1.285	62	81348	4.649	ug/L	96
6) Bromomethane	1.491	94	24327	4.874	ug/L	98
8) Chloroethane	1.552	64	47005	4.690	ug/L	99
9) Trichlorofluoromethane	1.716	101	117859	4.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	60426	4.292	ug/L	99
12) 1,1-Dichloroethene	2.073	96	58634	4.690	ug/L	93
13) Acetone	2.175	43	19857	8.107	ug/L #	4
14) Carbon disulfide	2.243	76	198961	4.831	ug/L	100
15) Methyl Acetate	2.404	43	16212	3.704	ug/L	99
16) Methylene chloride	2.452	84	62639	4.236	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	2700565	101.992	ug/L	98
18) trans-1,2-Dichloroethene	2.700	96	64715	4.914	ug/L	98
19) 1,1-Dichloroethane	3.121	63	122574	4.801	ug/L	98
21) 2-Butanone	3.934	43	129738	42.084	ug/L #	70
22) cis-1,2-Dichloroethene	3.825	96	63706	4.820	ug/L #	98
23) Bromochloromethane	4.156	128	30314	4.911	ug/L	96
25) Chloroform	4.288	83	123829	4.799	ug/L	94

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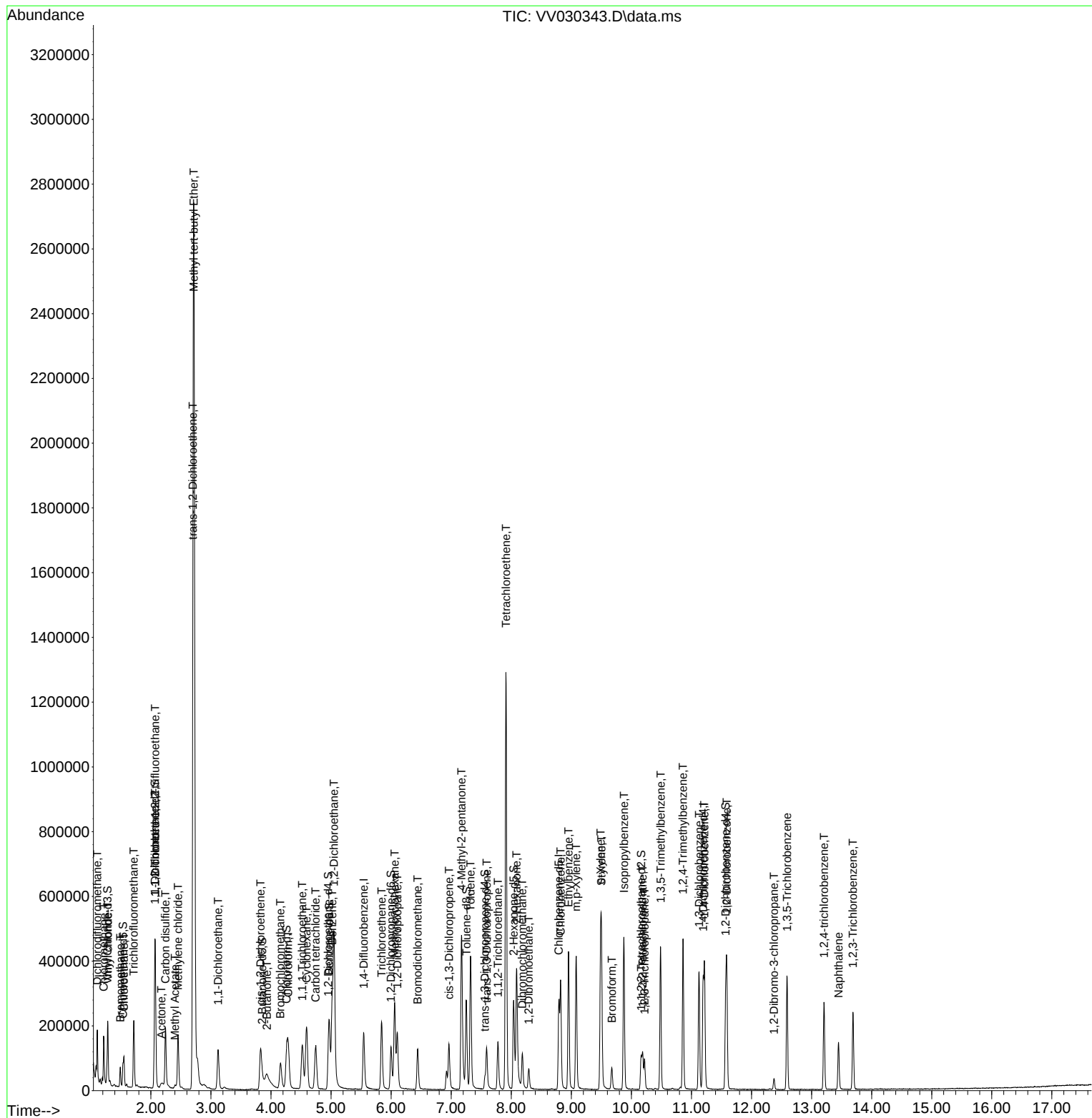
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	440493	28.235	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	111370	4.853	ug/L	98
30) Cyclohexane	4.590	56	99899	4.778	ug/L	99
31) Carbon tetrachloride	4.744	117	99002	4.754	ug/L	98
33) Benzene	5.021	78	266770	5.260	ug/L	100
34) Trichloroethene	5.841	95	72307	5.286	ug/L	99
35) Methylcyclohexane	6.059	83	97389	4.536	ug/L	98
37) 1,2-Dichloropropane	6.104	63	65320	5.017	ug/L	100
38) Bromodichloromethane	6.442	83	84106	4.933	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	85583	4.675	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	369556	53.865	ug/L	98
42) Toluene	7.323	91	291564	5.398	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	72919	4.681	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	44512	4.855	ug/L	99
47) Tetrachloroethene	7.912	164	279072	23.118	ug/L	95
48) 2-Hexanone	8.088	43	271242	52.789	ug/L	99
49) Dibromochloromethane	8.185	129	52015	4.767	ug/L	97
50) 1,2-Dibromoethane	8.291	107	40847	4.897	ug/L	97
51) Chlorobenzene	8.821	112	168223	4.864	ug/L	96
52) Ethylbenzene	8.953	91	285014	4.823	ug/L	96
53) m,p-Xylene	9.082	106	111483	4.928	ug/L	100
54) o-Xylene	9.487	106	105971	4.895	ug/L	99
55) Styrene	9.503	104	181874	4.947	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	52489	4.824	ug/L	99
59) Bromoform	9.674	173	30266	4.672	ug/L	99
60) Isopropylbenzene	9.876	105	284290	4.810	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	35388	4.938	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	224190	4.648	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	234597	4.773	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	143042	4.853	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	141808	4.776	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	127671	4.807	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	7201	4.040	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	103624	4.566	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	79248	4.523	ug/L	99
71) Naphthalene	13.448	128	112629	4.501	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	69219	4.560	ug/L	99

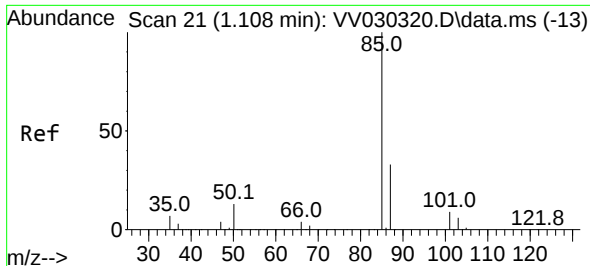
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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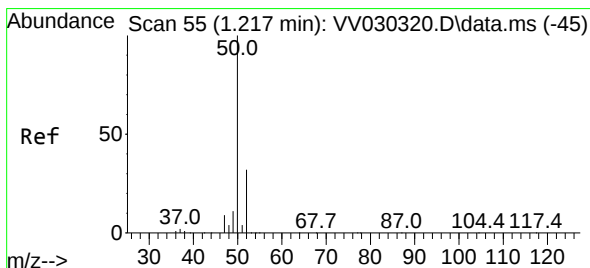
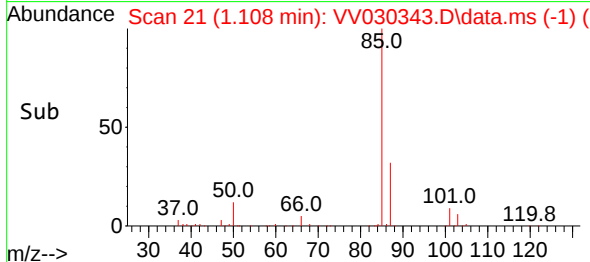
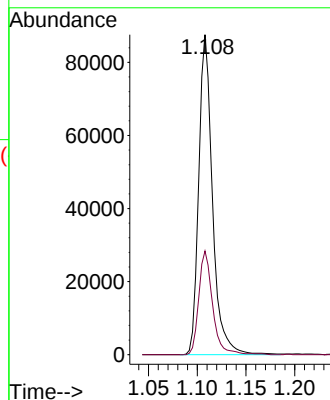
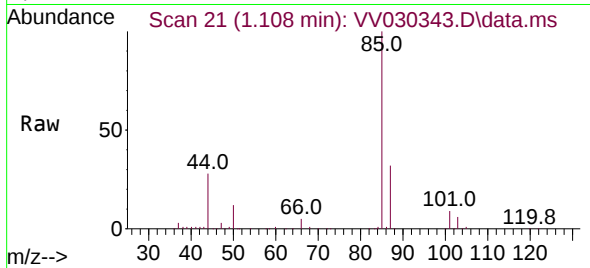




#2
 Dichlorodifluoromethane
 Concen: 4.525 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030343.D
 Acq: 29 Mar 2023 21:50

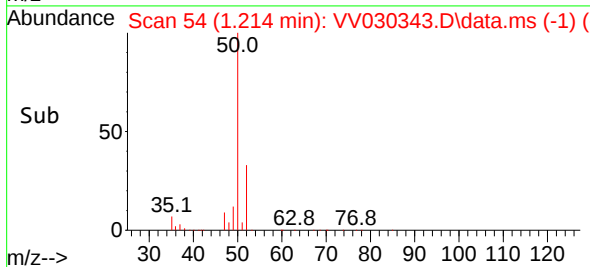
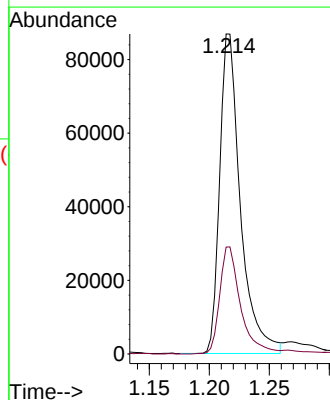
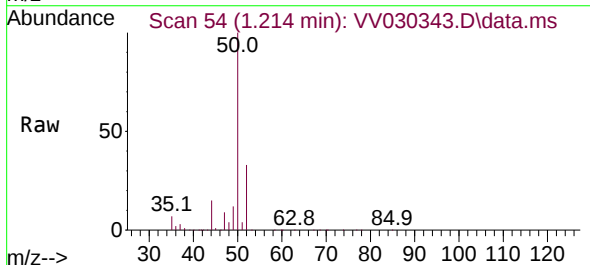
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 ClientSampleId :
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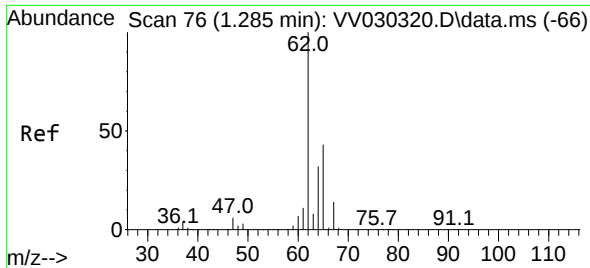
Tgt Ion: 85 Resp: 86077
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 4.342 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV030343.D
 Acq: 29 Mar 2023 21:50

Tgt Ion: 50 Resp: 104217
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.3 41.5

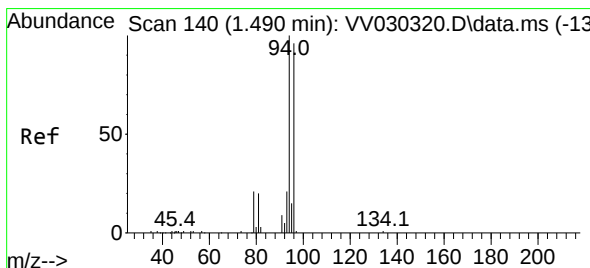
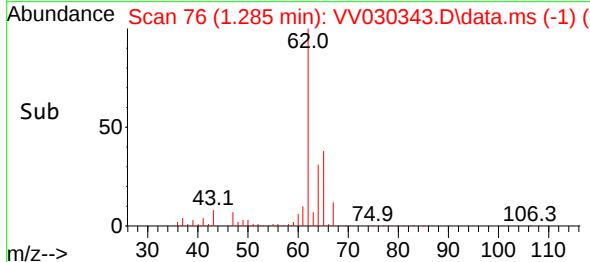
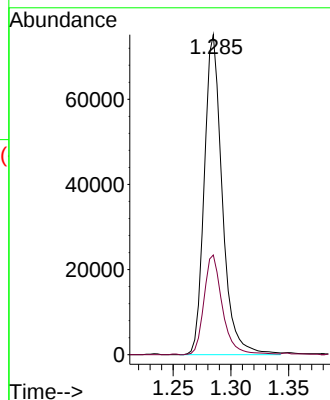
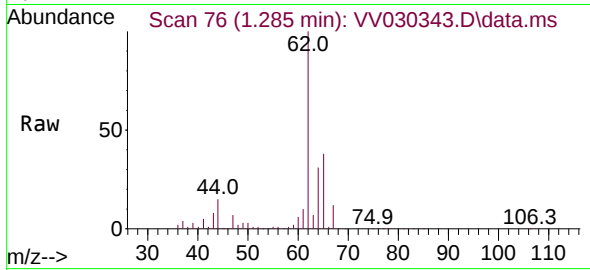




#5
 Vinyl chloride
 Concen: 4.649 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030343.D
 Acq: 29 Mar 2023 21:50

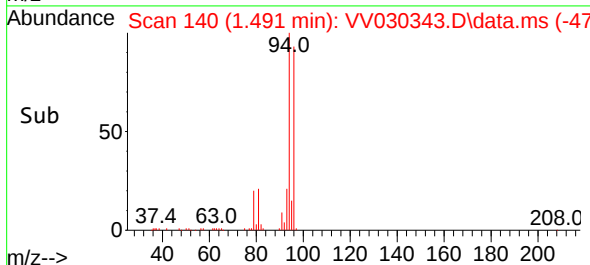
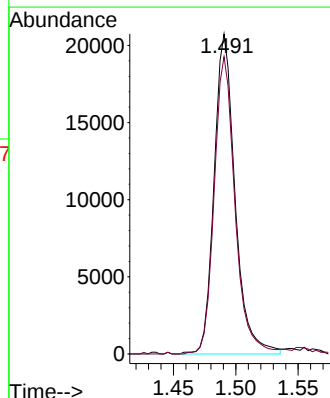
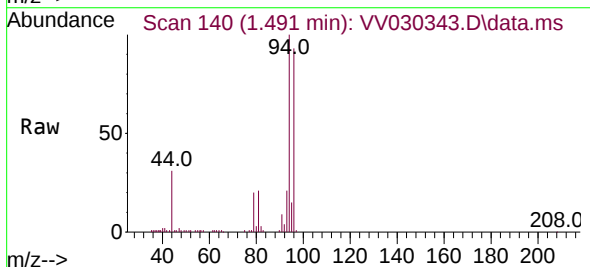
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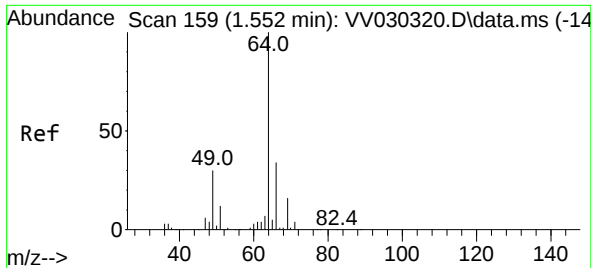
Tgt Ion: 62 Resp: 81348
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.2 43.2



#6
 Bromomethane
 Concen: 4.874 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030343.D
 Acq: 29 Mar 2023 21:50

Tgt Ion: 94 Resp: 24327
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.1 122.7

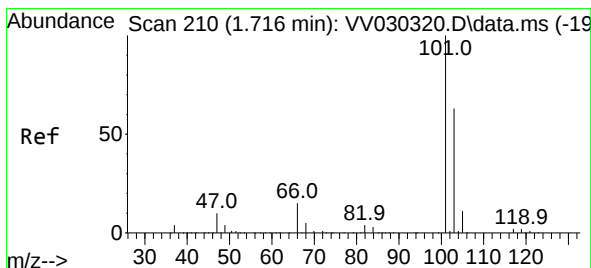
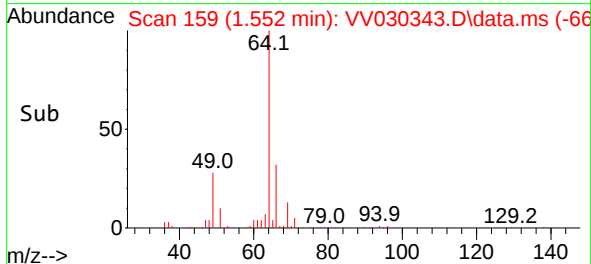
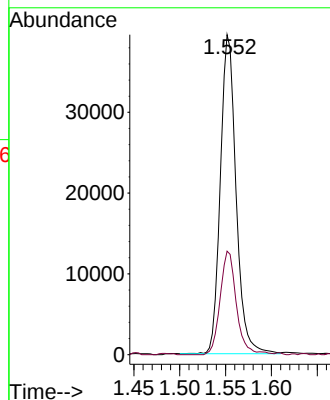
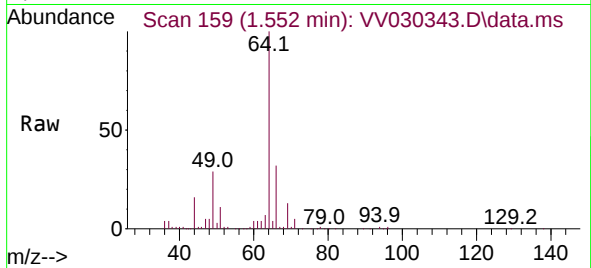




#8
Chloroethane
Concen: 4.690 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

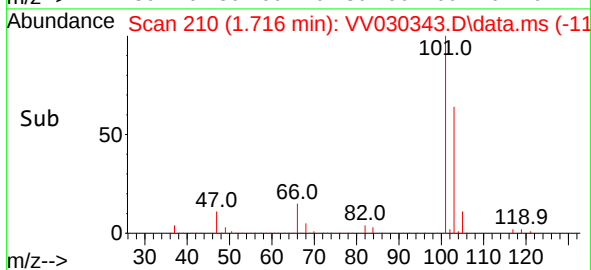
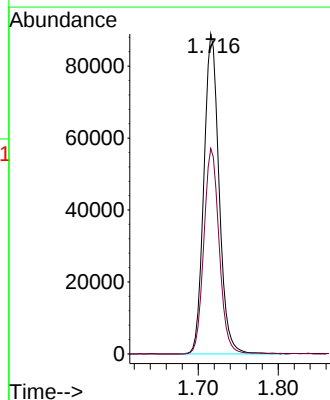
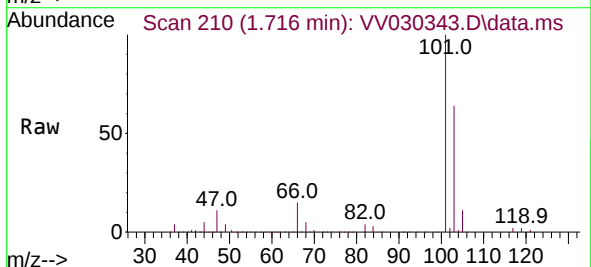
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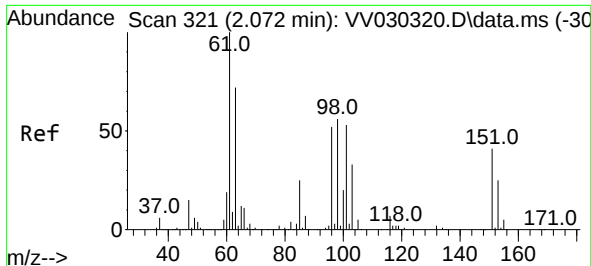
Tgt Ion: 64 Resp: 47005
Ion Ratio Lower Upper
64 100
66 32.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.620 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion:101 Resp: 117859
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6

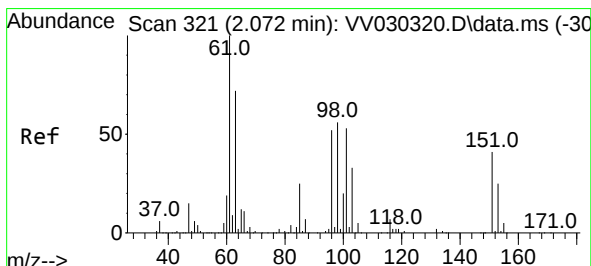
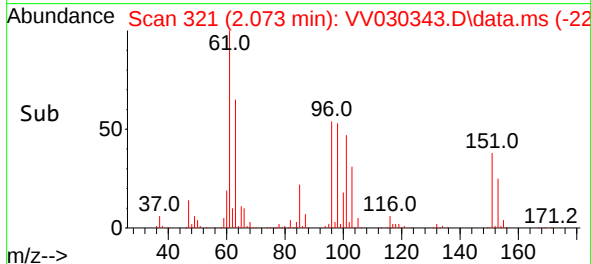
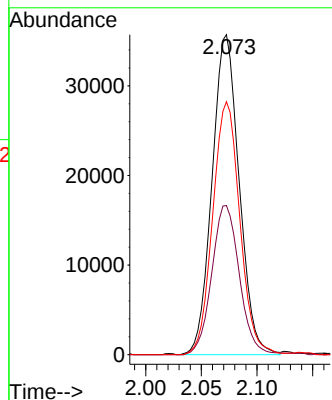
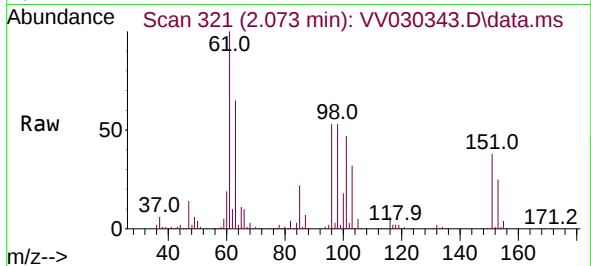




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.292 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030343.D
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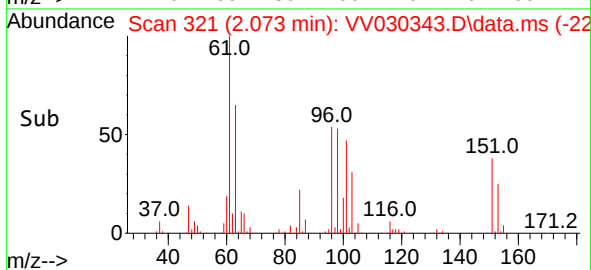
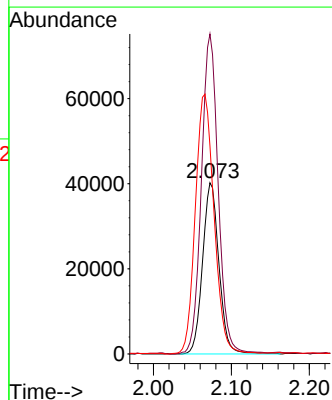
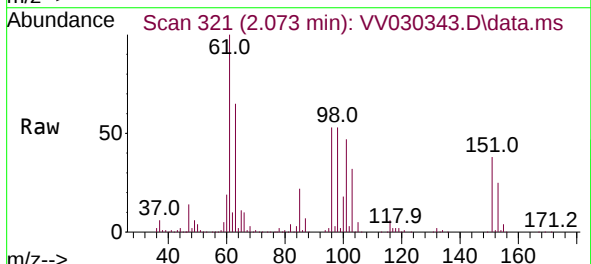
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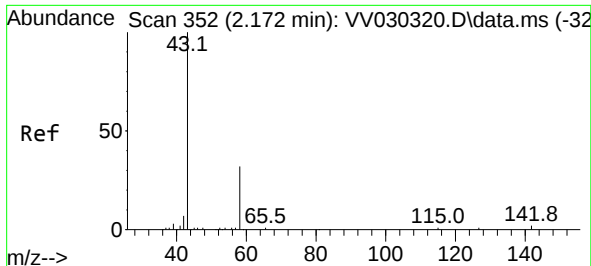
Tgt Ion:101 Resp: 60426
 Ion Ratio Lower Upper
 101 100
 85 47.7 38.1 57.1
 151 79.0 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.690 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030343.D
 Acq: 29 Mar 2023 21:50

Tgt Ion: 96 Resp: 58634
 Ion Ratio Lower Upper
 96 100
 61 186.9 136.3 253.1
 63 121.5 92.1 171.1





#13

Acetone

Concen: 8.107 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

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ClientSampleId :

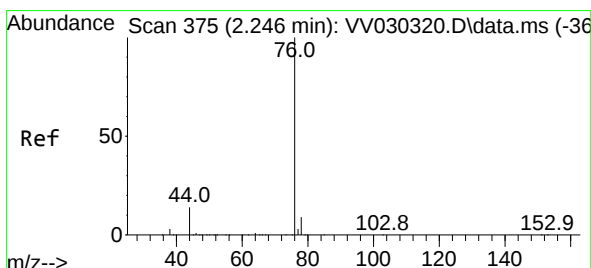
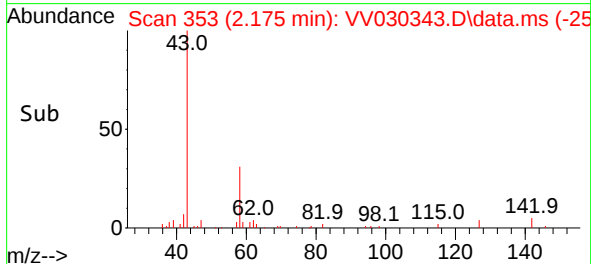
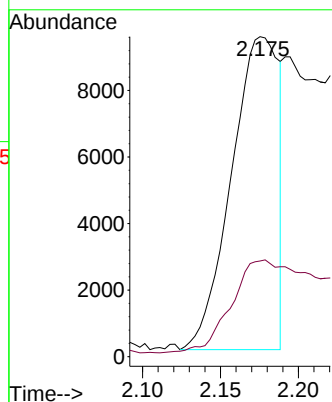
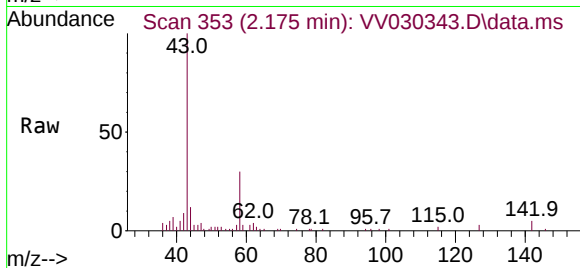
H0AB0MSD

Tgt Ion: 43 Resp: 19857

Ion Ratio Lower Upper

43 100

58 64.7 0.0 40.8#



#14

Carbon disulfide

Concen: 4.831 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

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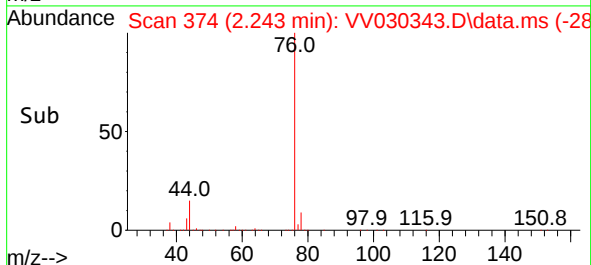
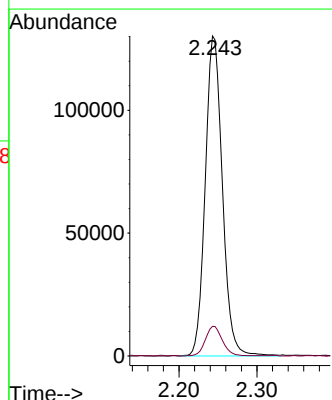
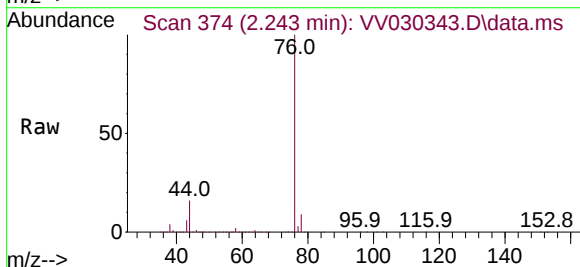
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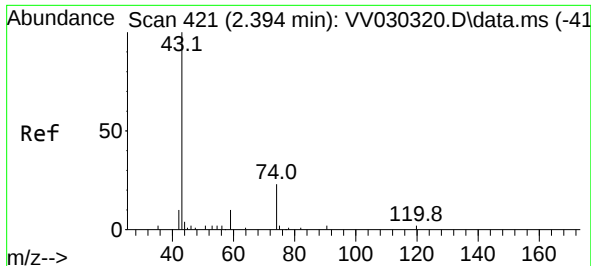
Tgt Ion: 76 Resp: 198961

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

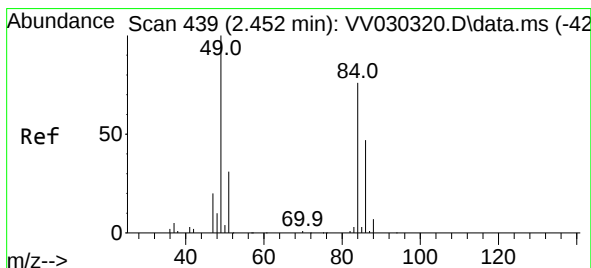
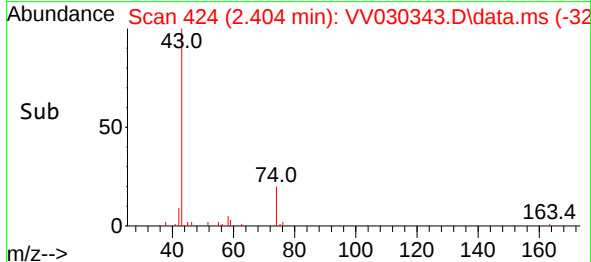
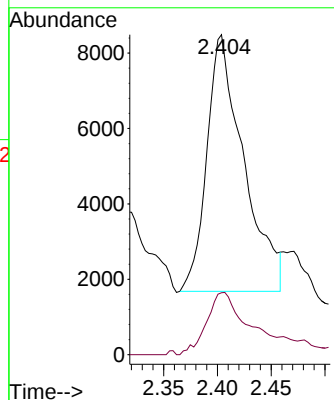
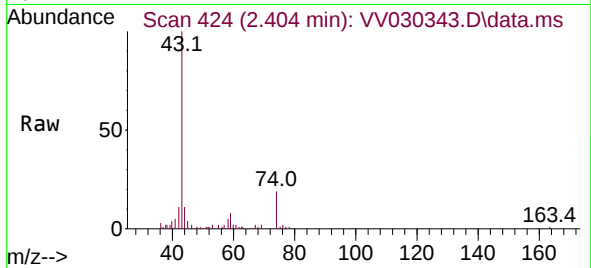




#15
Methyl Acetate
Concen: 3.704 ug/L
RT: 2.404 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

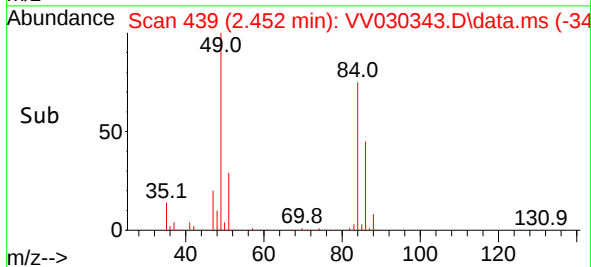
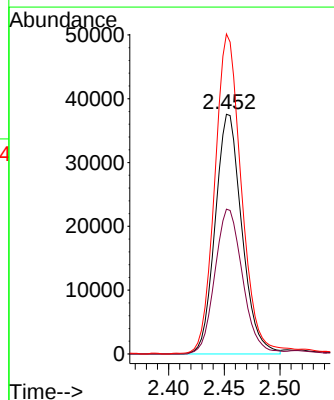
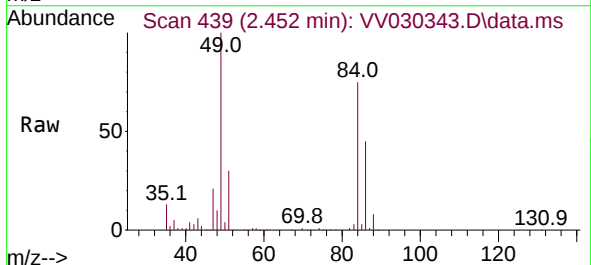
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

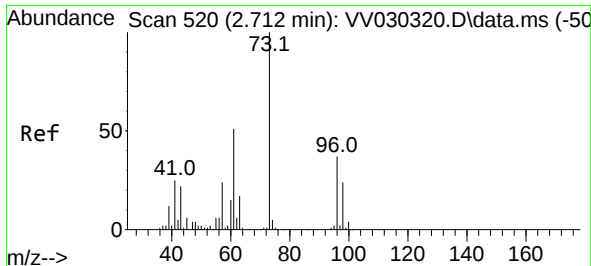
Tgt Ion: 43 Resp: 16212
Ion Ratio Lower Upper
43 100
74 27.2 22.1 33.1



#16
Methylene chloride
Concen: 4.236 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion: 84 Resp: 62639
Ion Ratio Lower Upper
84 100
86 60.4 44.0 81.6
49 133.5 90.6 168.3





#17

Methyl tert-butyl Ether

Concen: 101.992 ug/L

RT: 2.716 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MSD

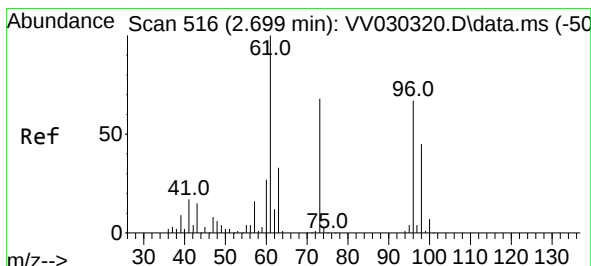
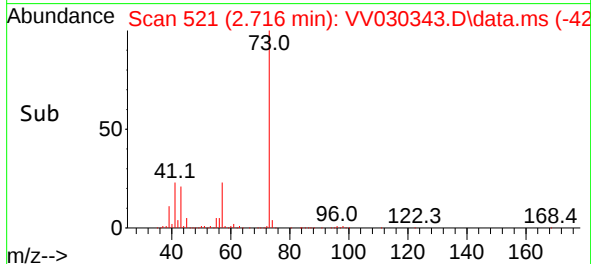
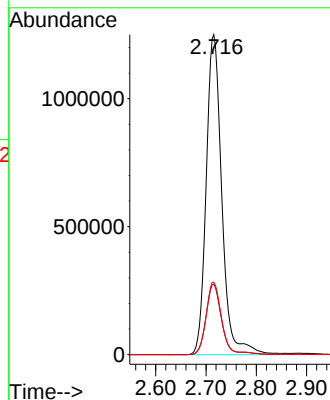
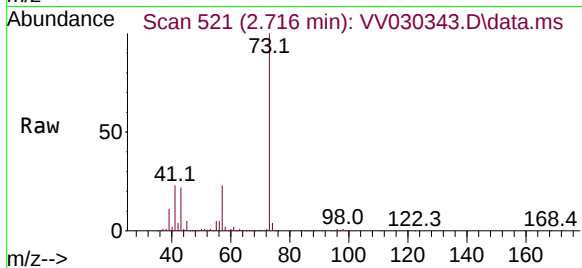
Tgt Ion: 73 Resp: 2700565

Ion Ratio Lower Upper

73 100

43 21.2 17.4 26.2

57 22.0 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.914 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

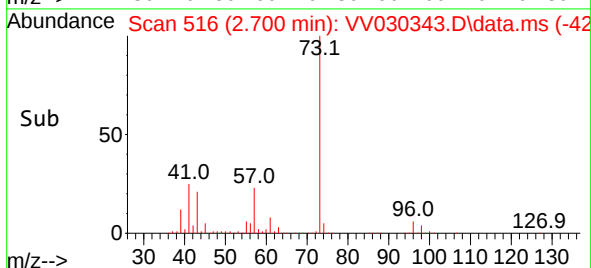
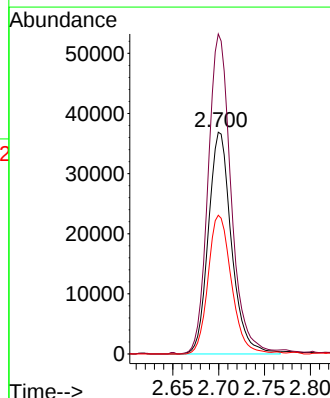
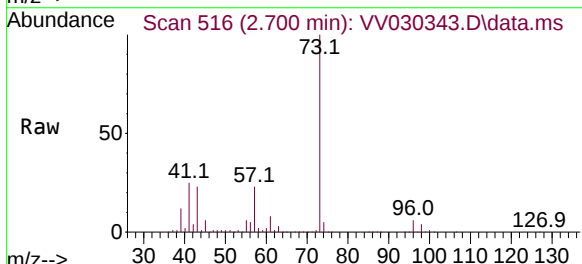
Tgt Ion: 96 Resp: 64715

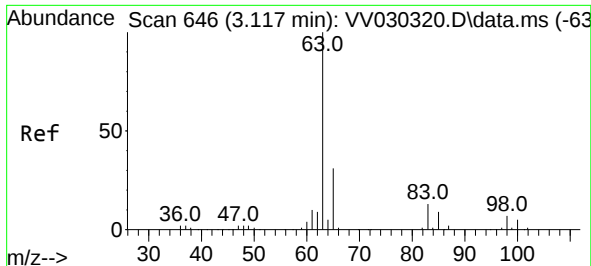
Ion Ratio Lower Upper

96 100

61 144.3 101.7 188.9

98 62.5 45.8 85.2





#19

1,1-Dichloroethane

Concen: 4.801 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MSD

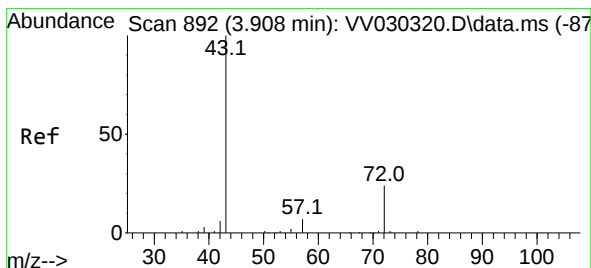
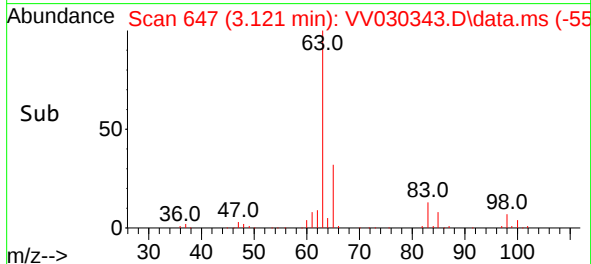
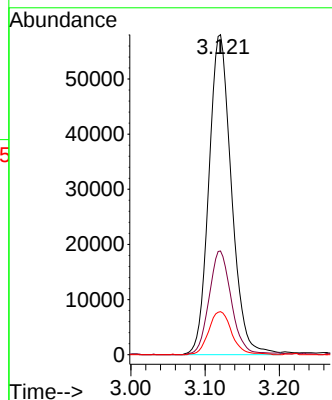
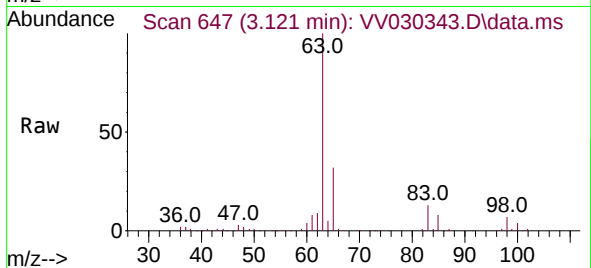
Tgt Ion: 63 Resp: 122574

Ion Ratio Lower Upper

63 100

65 32.4 21.7 40.3

83 13.4 9.1 16.9



#21

2-Butanone

Concen: 42.084 ug/L

RT: 3.934 min Scan# 900

Delta R.T. 0.026 min

Lab File: VV030343.D

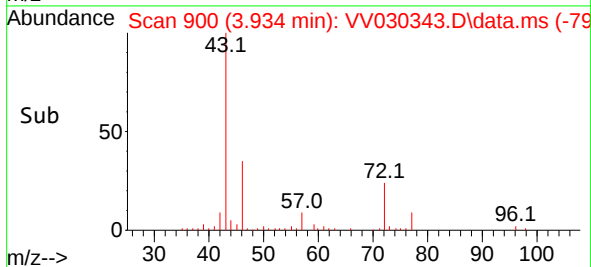
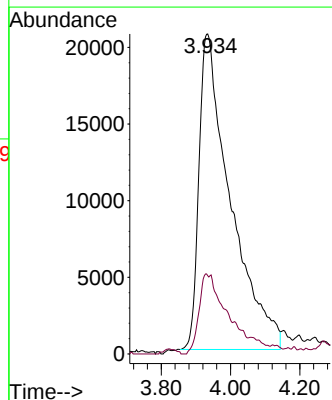
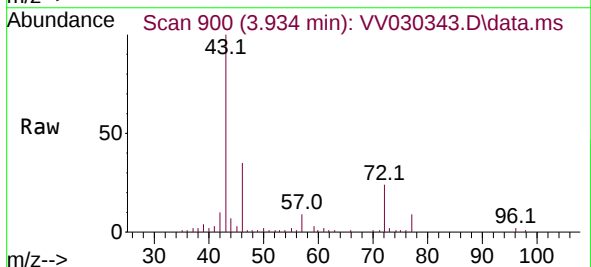
Acq: 29 Mar 2023 21:50

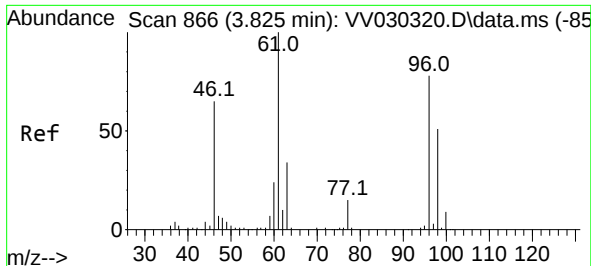
Tgt Ion: 43 Resp: 129738

Ion Ratio Lower Upper

43 100

72 8.0 11.2 33.5#

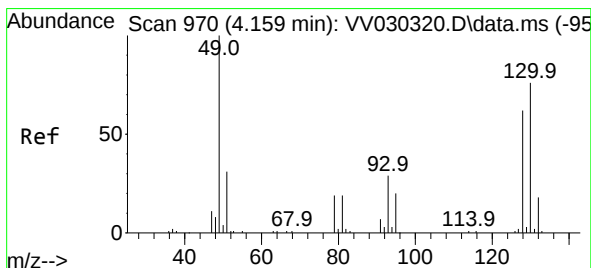
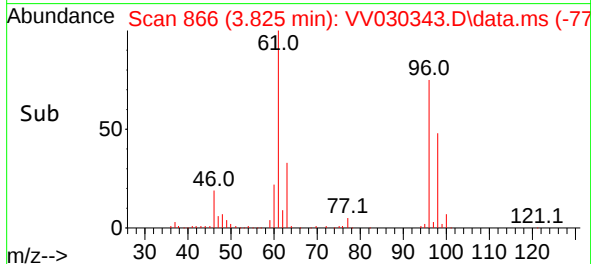
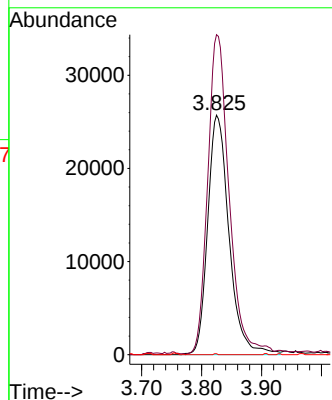
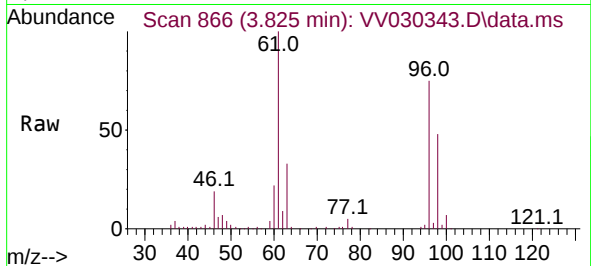




#22
cis-1,2-Dichloroethene
Concen: 4.820 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

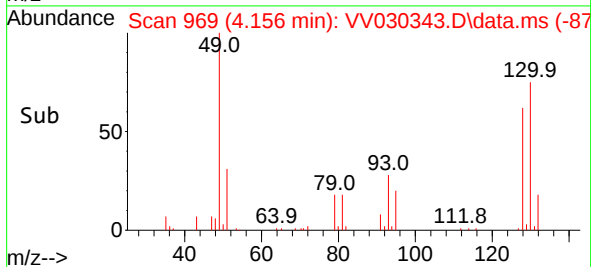
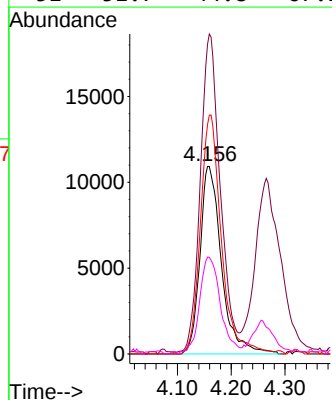
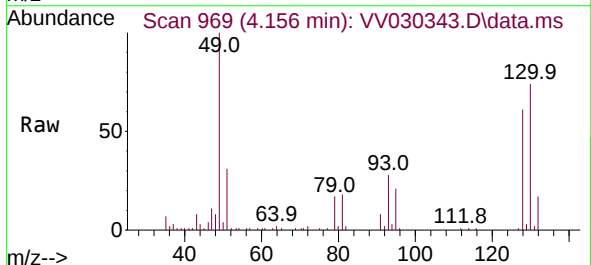
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

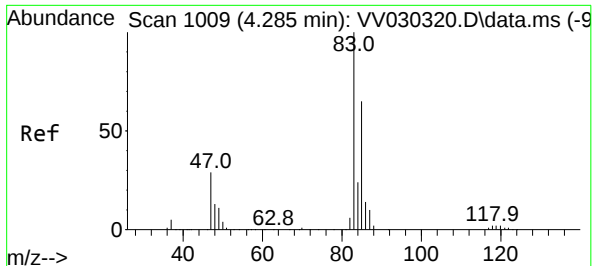
Tgt Ion: 96 Resp: 63706
Ion Ratio Lower Upper
96 100
61 133.6 92.0 170.8
68 0.4 0.0 0.0#



#23
Bromochloromethane
Concen: 4.911 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion: 128 Resp: 30314
Ion Ratio Lower Upper
128 100
49 165.1 119.4 221.8
130 122.3 89.2 165.8
51 51.7 44.8 67.2





#25

Chloroform

Concen: 4.799 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

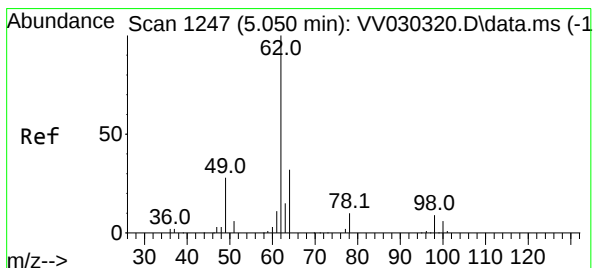
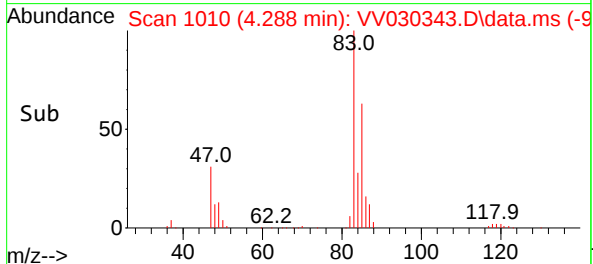
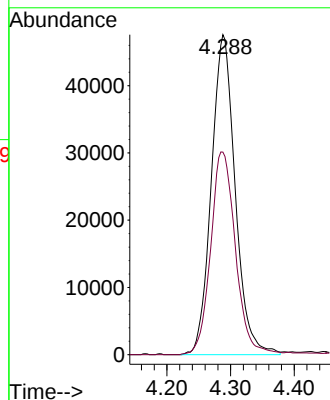
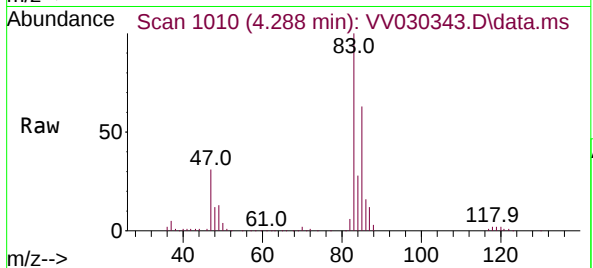
H0AB0MSD

Tgt Ion: 83 Resp: 123829

Ion Ratio Lower Upper

83 100

85 63.3 47.6 88.4



#27

1,2-Dichloroethane

Concen: 28.235 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV030343.D

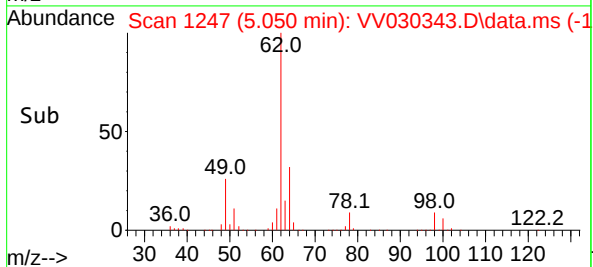
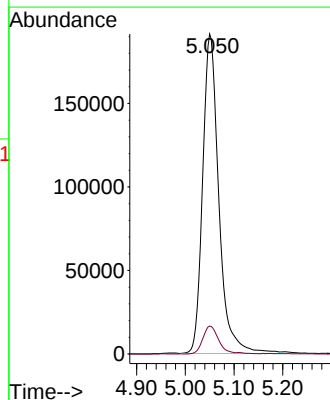
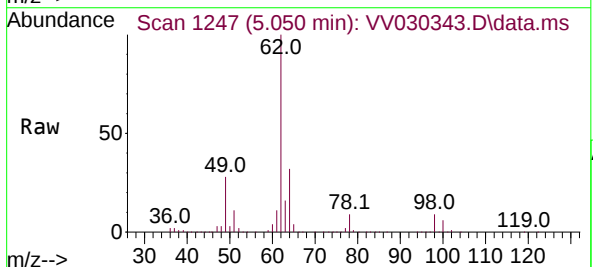
Acq: 29 Mar 2023 21:50

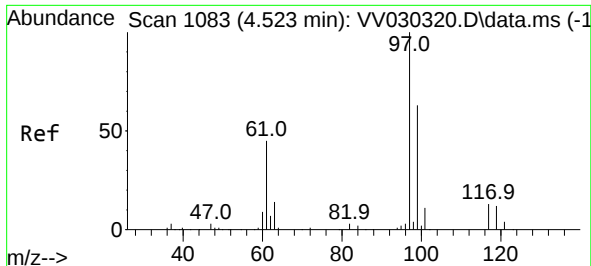
Tgt Ion: 62 Resp: 440493

Ion Ratio Lower Upper

62 100

98 8.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.853 ug/L

RT: 4.519 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MSD

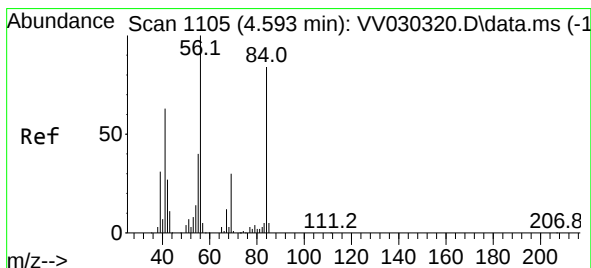
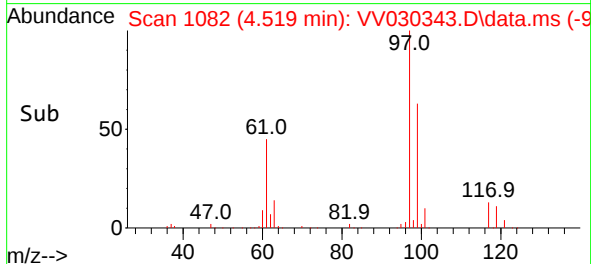
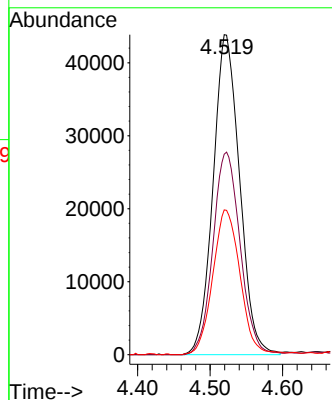
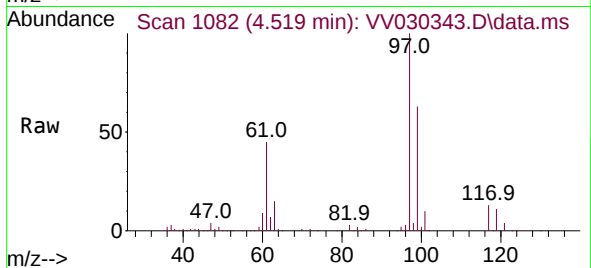
Tgt Ion: 97 Resp: 111370

Ion Ratio Lower Upper

97 100

99 65.0 50.9 76.3

61 46.8 35.9 53.9



#30

Cyclohexane

Concen: 4.778 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

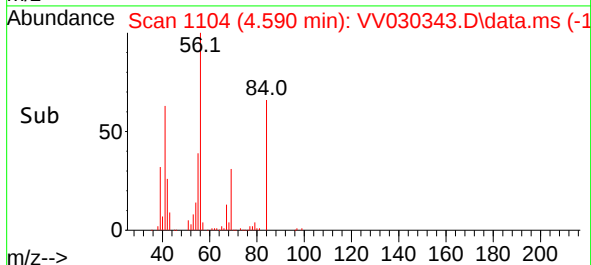
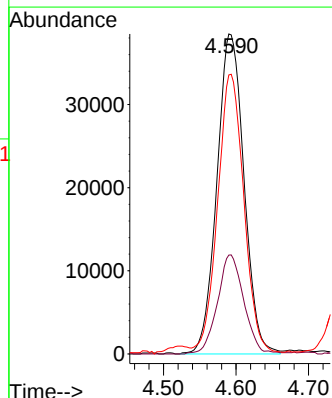
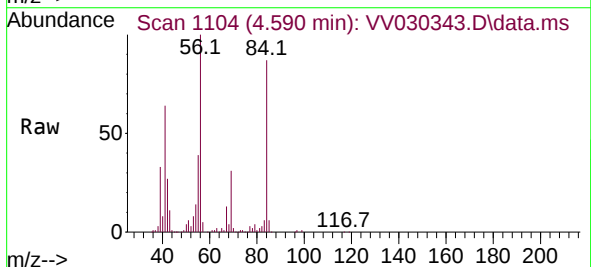
Tgt Ion: 56 Resp: 99899

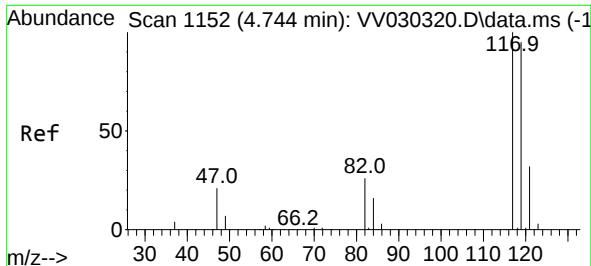
Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.2

84 84.0 66.6 100.0

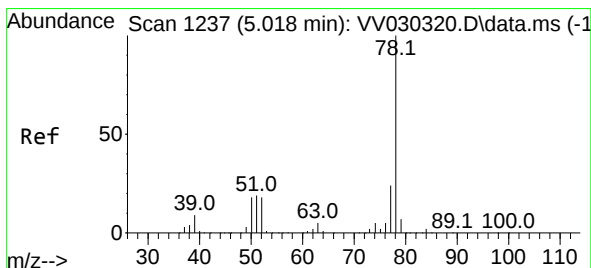
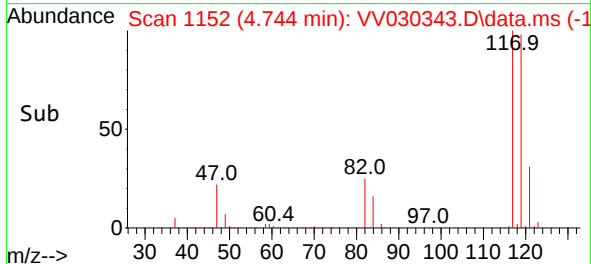
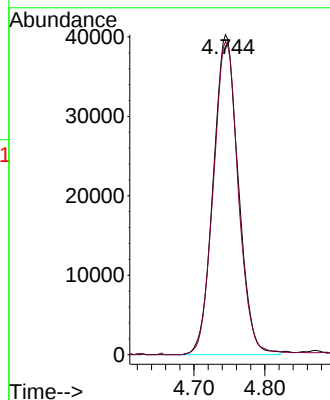
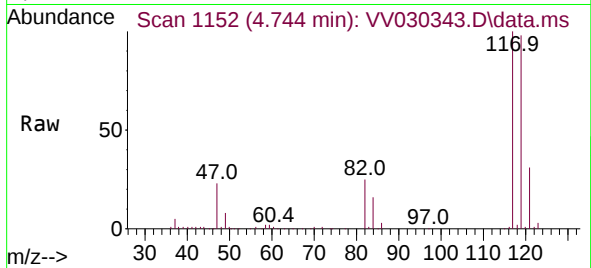




#31
Carbon tetrachloride
Concen: 4.754 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

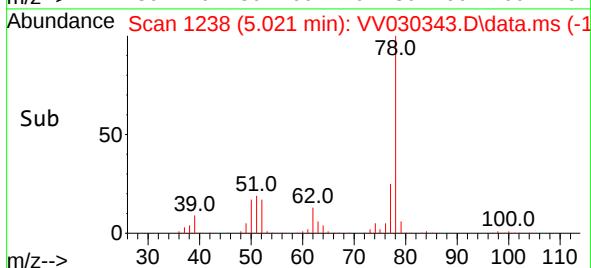
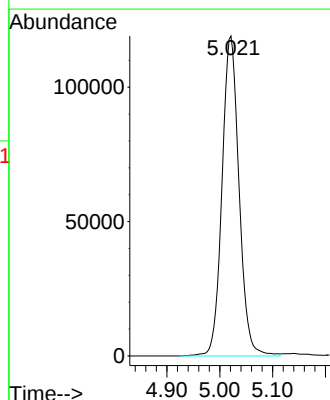
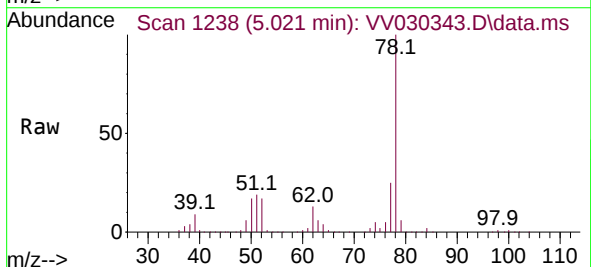
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

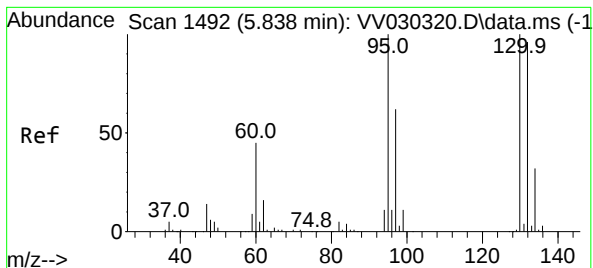
Tgt Ion:117 Resp: 99002
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4



#33
Benzene
Concen: 5.260 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion: 78 Resp: 266770





#34

Trichloroethene

Concen: 5.286 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MSD

Tgt Ion: 95 Resp: 72307

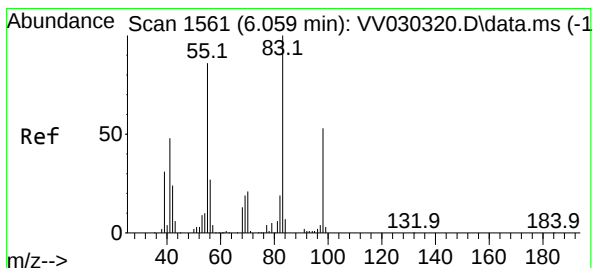
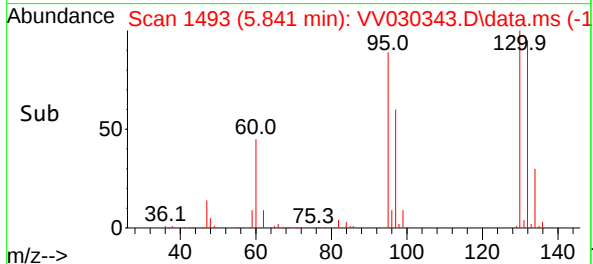
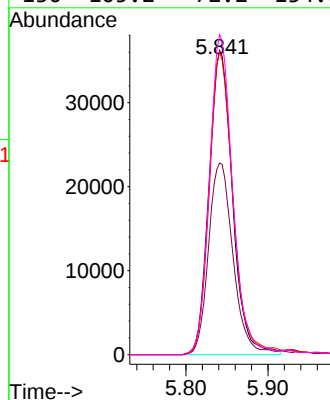
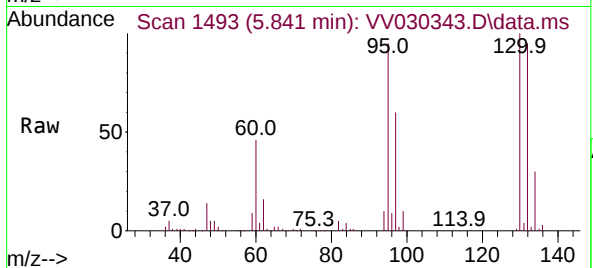
Ion Ratio Lower Upper

95 100

97 63.0 44.2 82.2

132 99.6 69.5 129.1

130 105.2 72.2 134.0



#35

Methylcyclohexane

Concen: 4.536 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

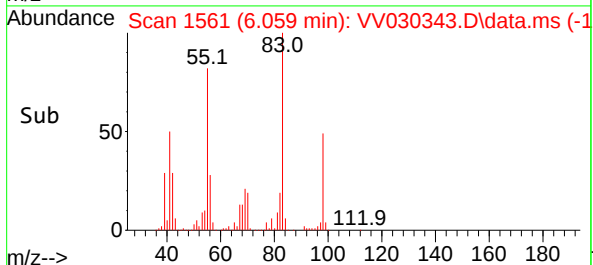
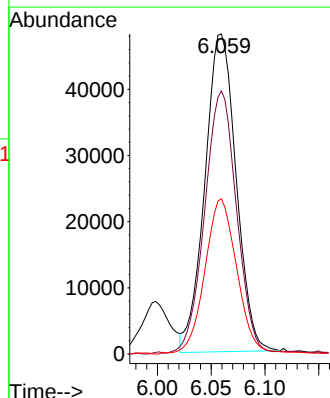
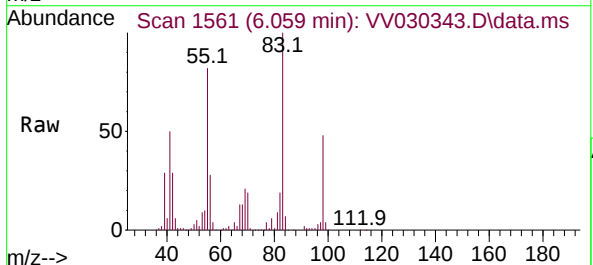
Tgt Ion: 83 Resp: 97389

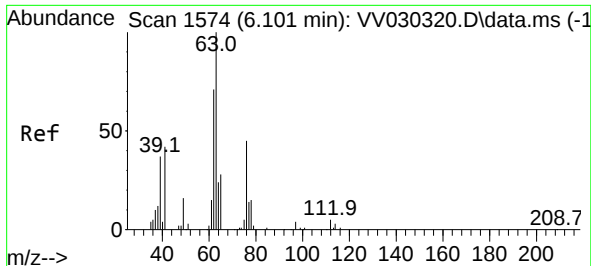
Ion Ratio Lower Upper

83 100

55 84.0 66.6 100.0

98 50.4 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.017 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

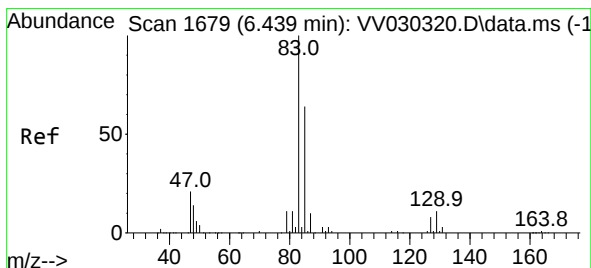
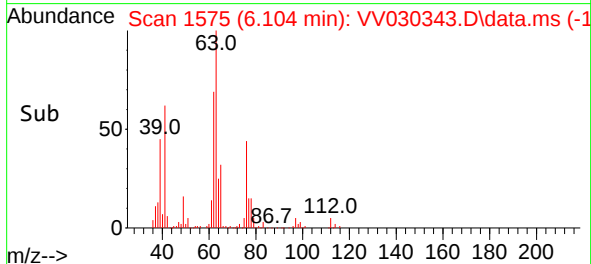
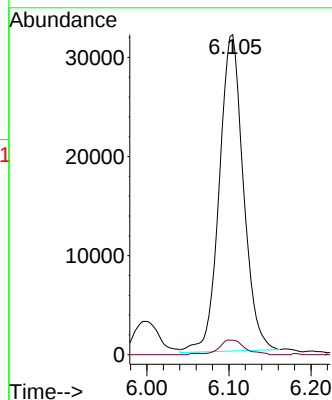
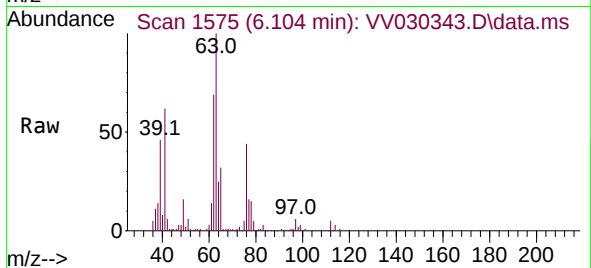
H0AB0MSD

Tgt Ion: 63 Resp: 65320

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 4.933 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

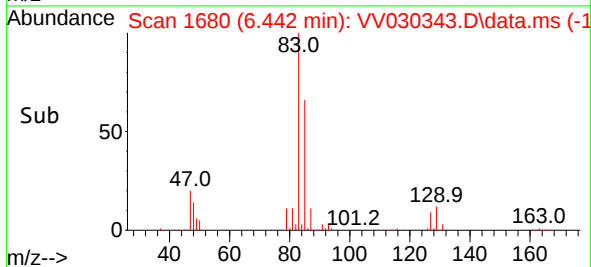
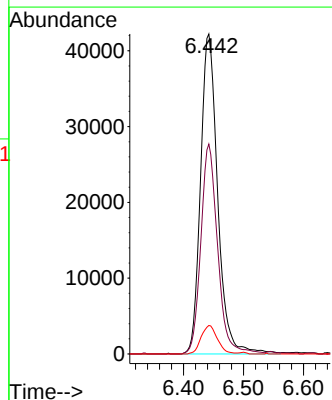
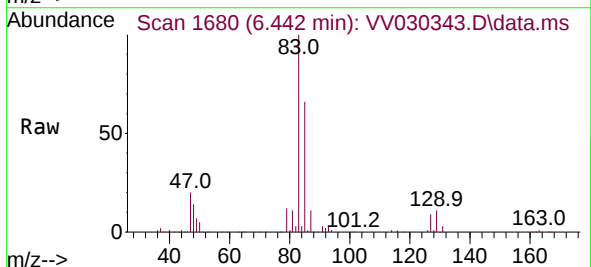
Tgt Ion: 83 Resp: 84106

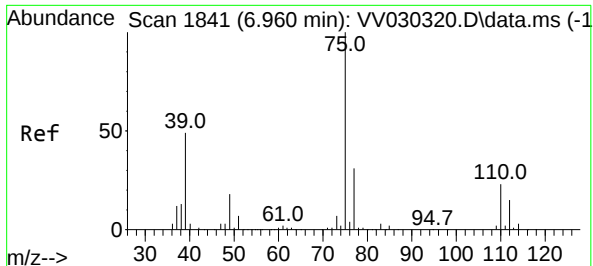
Ion Ratio Lower Upper

83 100

85 65.6 45.3 84.1

127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.675 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

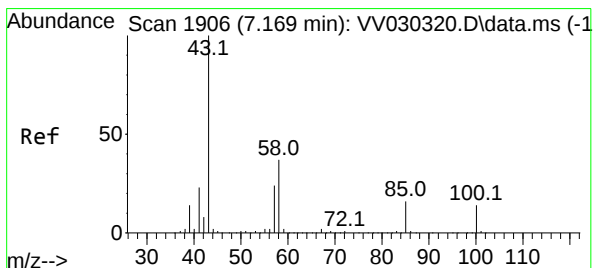
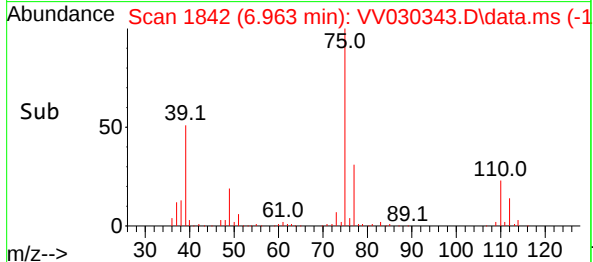
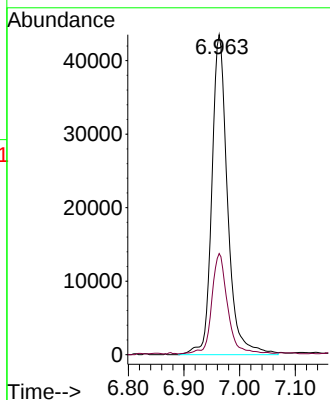
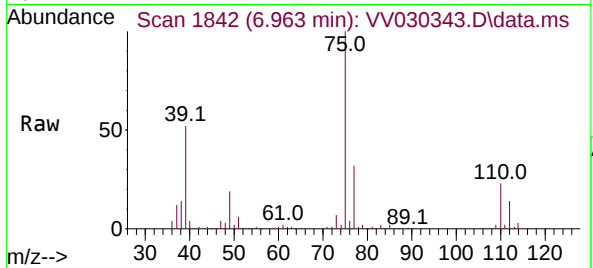
H0AB0MSD

Tgt Ion: 75 Resp: 85583

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 53.865 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

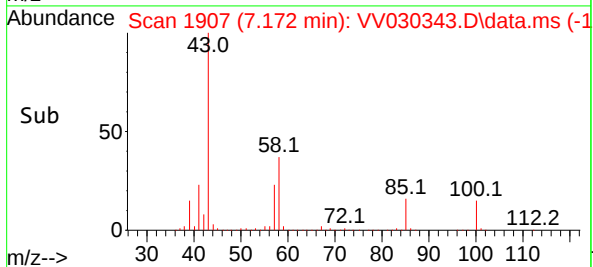
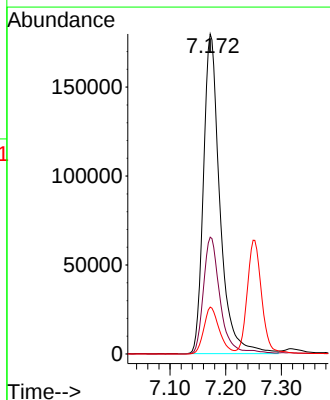
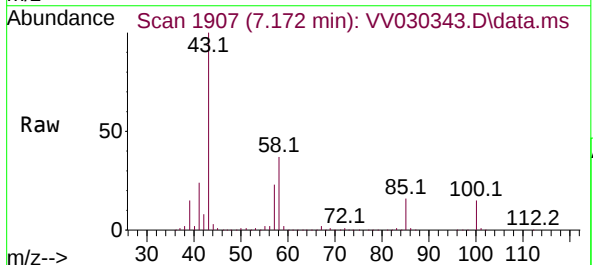
Tgt Ion: 43 Resp: 369556

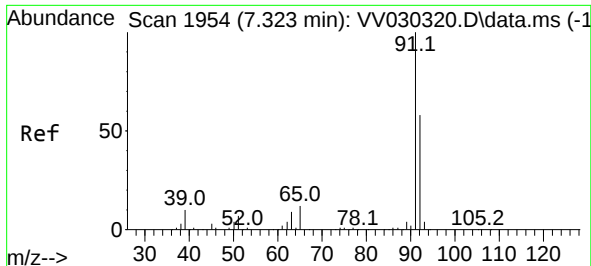
Ion Ratio Lower Upper

43 100

58 37.4 28.8 43.2

100 13.8 10.7 16.1





#42

Toluene

Concen: 5.398 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

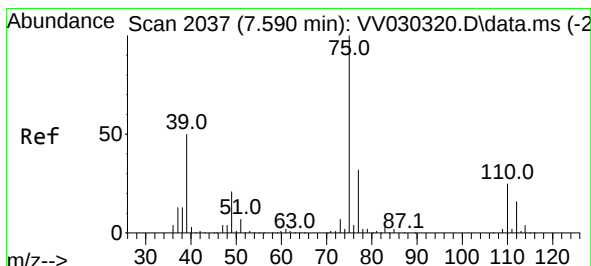
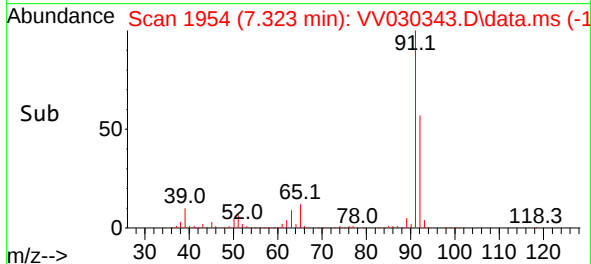
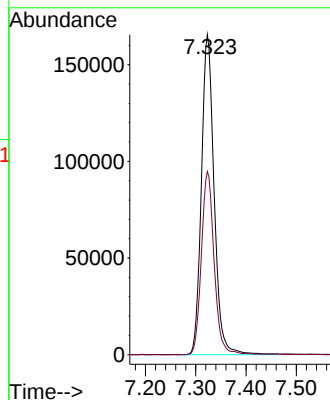
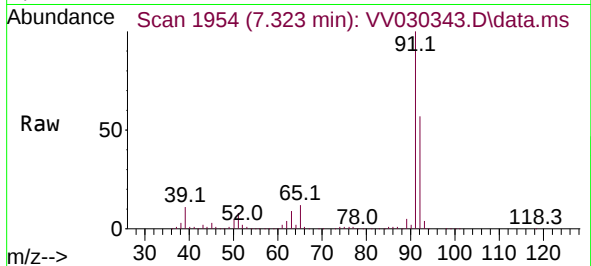
H0AB0MSD

Tgt Ion: 91 Resp: 291564

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.681 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV030343.D

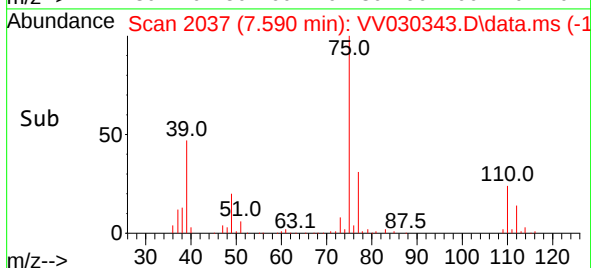
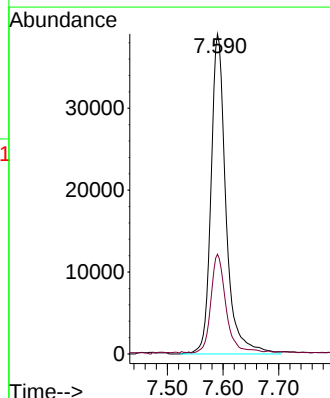
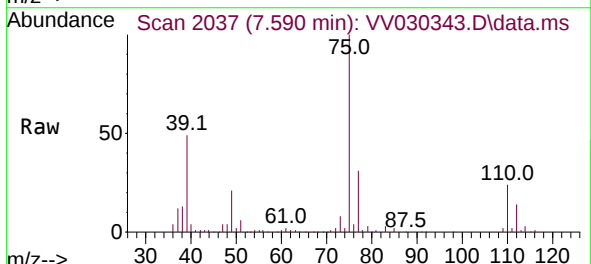
Acq: 29 Mar 2023 21:50

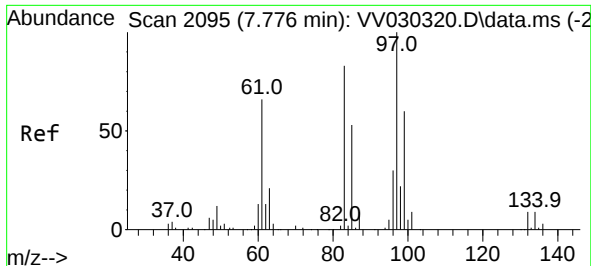
Tgt Ion: 75 Resp: 72919

Ion Ratio Lower Upper

75 100

77 31.2 21.2 39.4

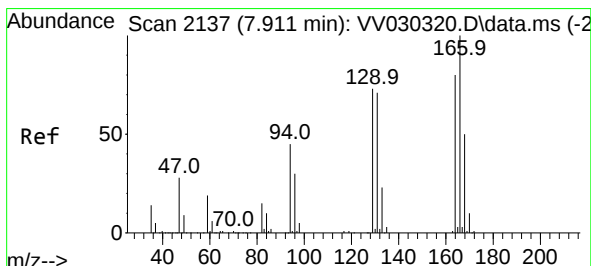
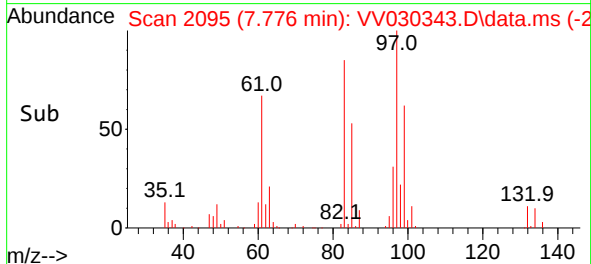
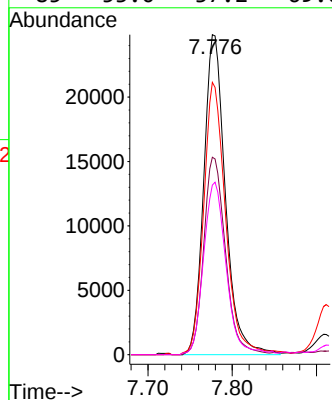
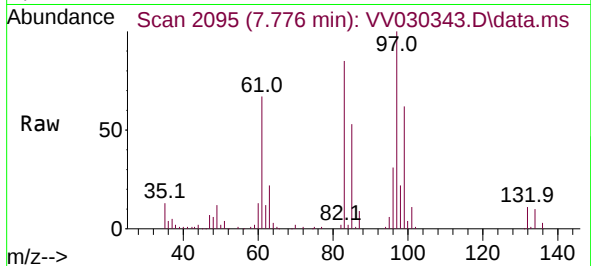




#45
1,1,2-Trichloroethane
Concen: 4.855 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

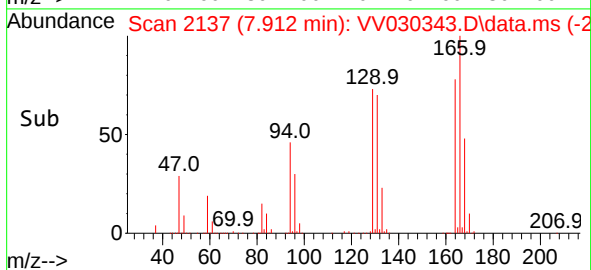
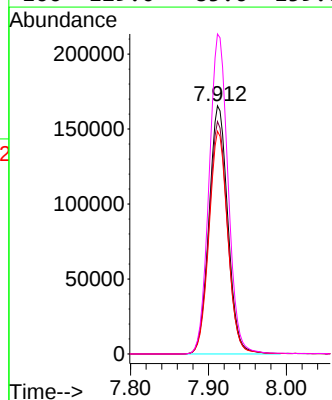
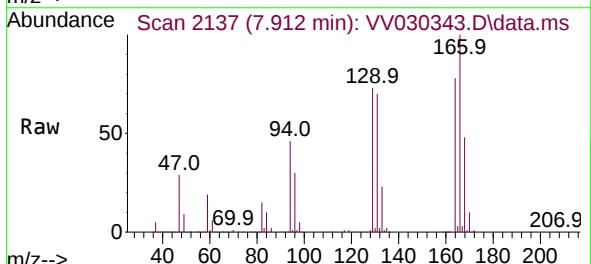
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

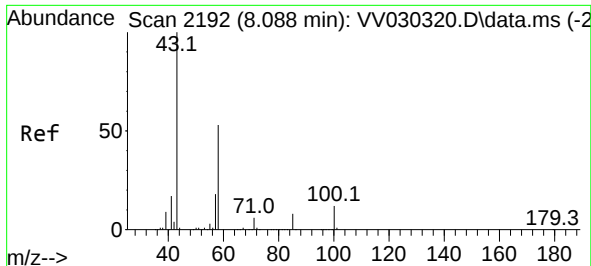
Tgt Ion:	97	Resp:	44512
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.0	81.8
83	85.1	58.8	109.2
85	53.0	37.2	69.0



#47
Tetrachloroethene
Concen: 23.118 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion:	164	Resp:	279072
Ion	Ratio	Lower	Upper
164	100		
129	93.7	60.8	112.8
131	89.8	61.7	114.7
166	129.0	85.6	159.0

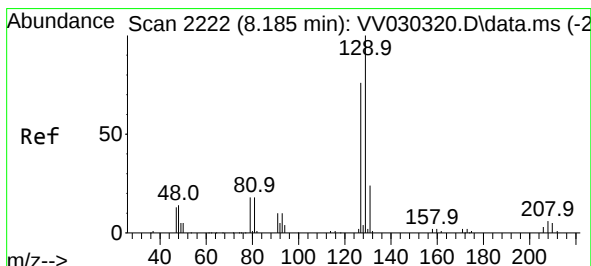
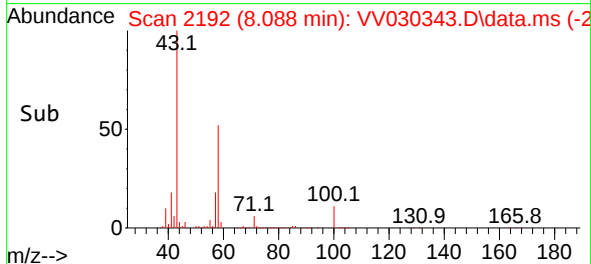
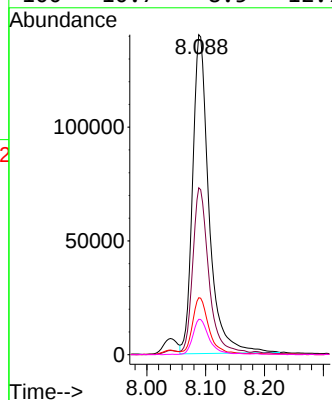
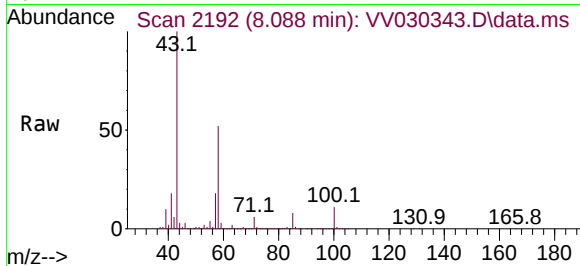




#48
2-Hexanone
Concen: 52.789 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

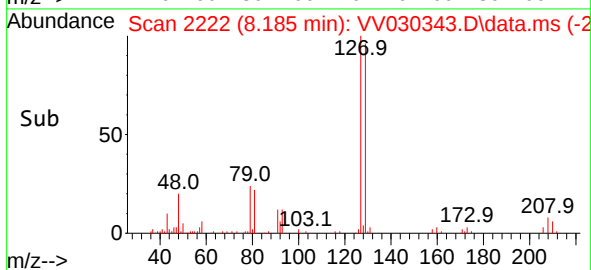
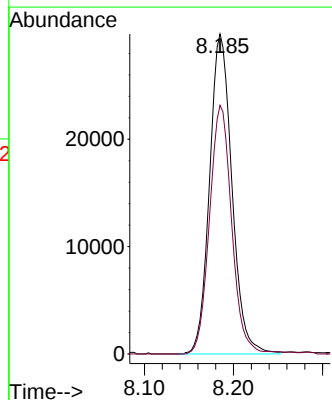
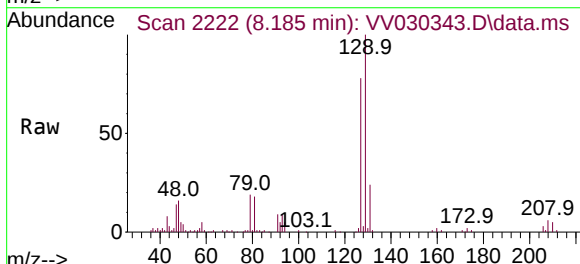
Instrument : MSVOA_V
ClientSampleId : H0AB0MSD

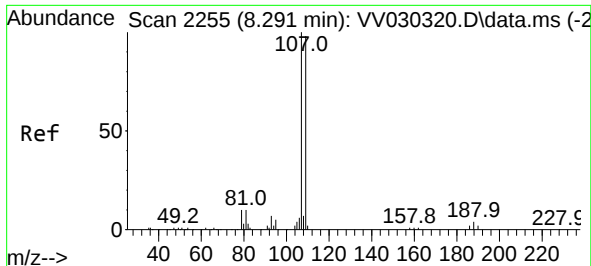
Tgt Ion:	43	Resp:	271242
Ion	Ratio	Lower	Upper
43	100		
58	50.3	40.3	60.5
57	17.3	14.6	22.0
100	10.7	8.5	12.7



#49
Dibromochloromethane
Concen: 4.767 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion:	129	Resp:	52015
Ion	Ratio	Lower	Upper
129	100		
127	77.7	52.7	97.9

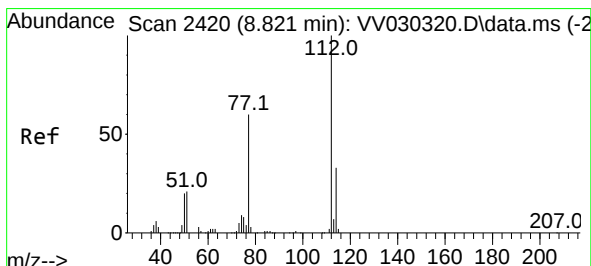
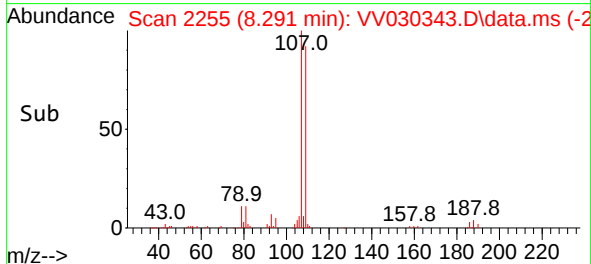
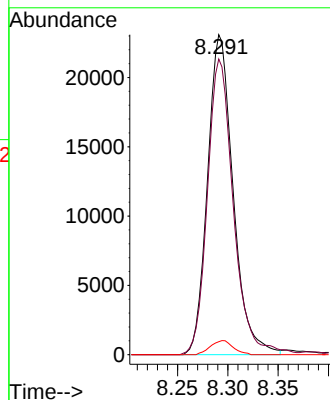
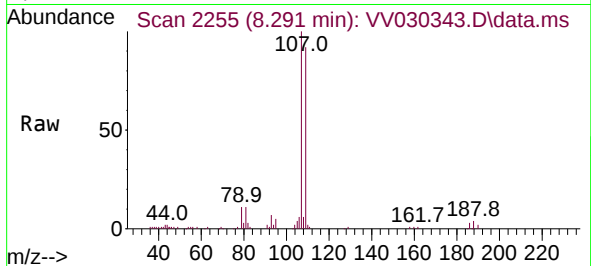




#50
1,2-Dibromoethane
Concen: 4.897 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

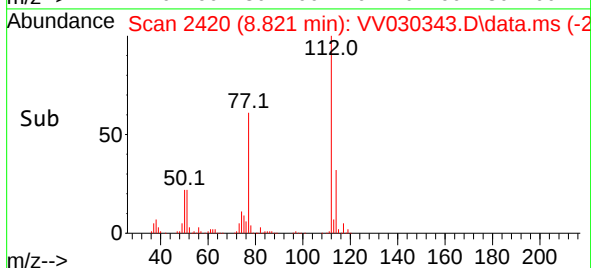
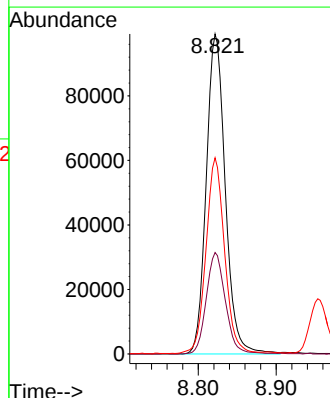
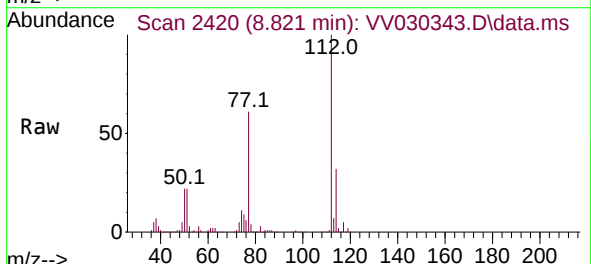
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

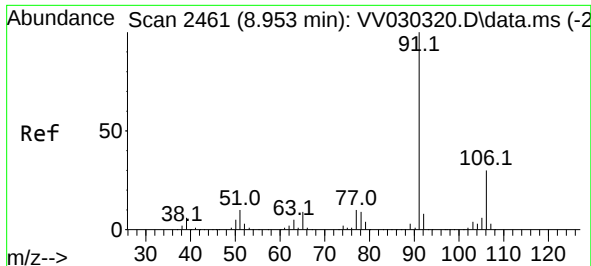
Tgt Ion:107 Resp: 40847
Ion Ratio Lower Upper
107 100
109 92.4 62.9 116.9
188 4.1 3.0 4.6



#51
Chlorobenzene
Concen: 4.864 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion:112 Resp: 168223
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 61.3 45.9 68.9





#52

Ethylbenzene

Concen: 4.823 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.000 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

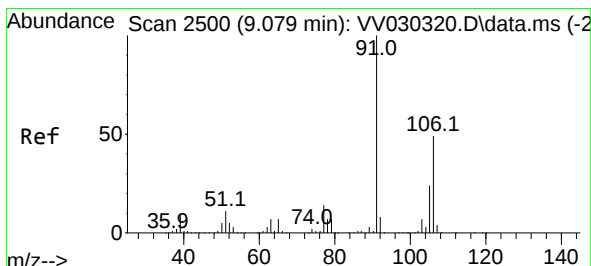
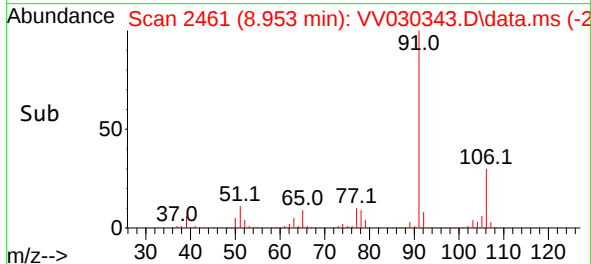
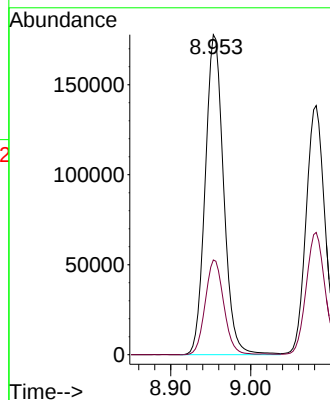
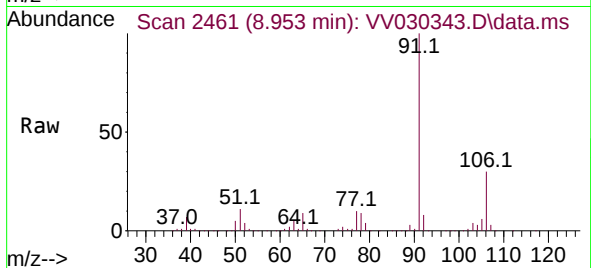
H0AB0MSD

Tgt Ion: 91 Resp: 285014

Ion Ratio Lower Upper

91 100

106 29.6 22.2 41.2



#53

m,p-Xylene

Concen: 4.928 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.003 min

Lab File: VV030343.D

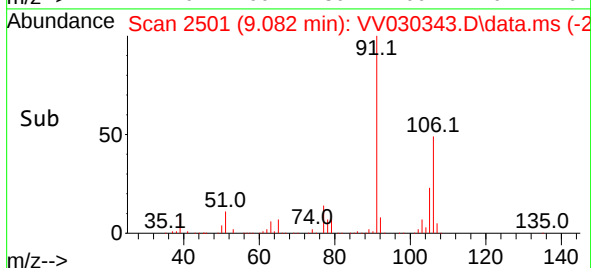
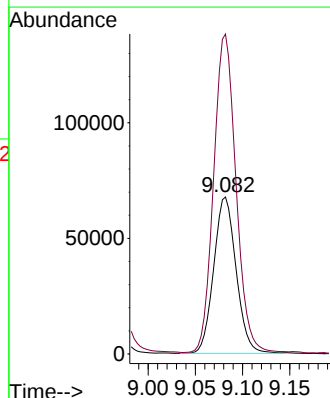
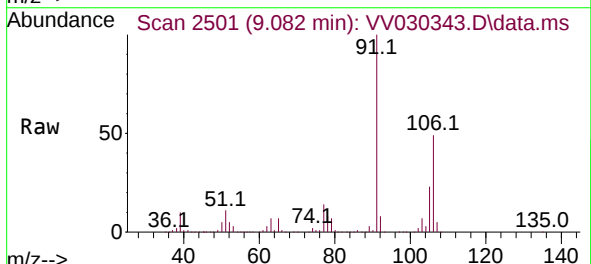
Acq: 29 Mar 2023 21:50

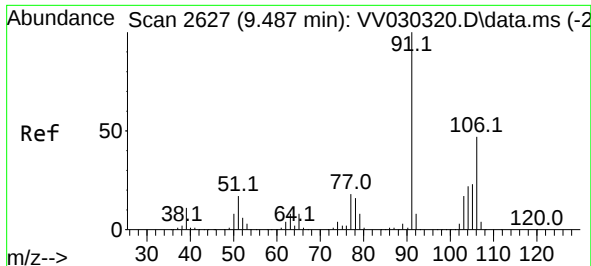
Tgt Ion: 106 Resp: 111483

Ion Ratio Lower Upper

106 100

91 203.9 142.4 264.4

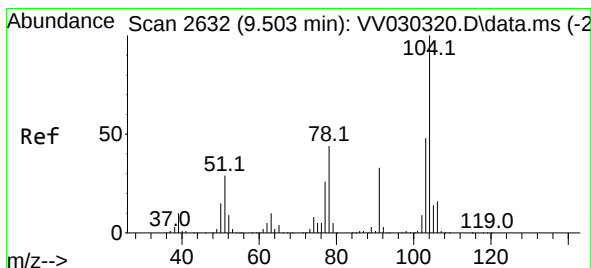
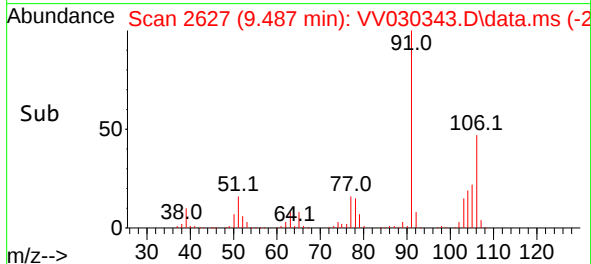
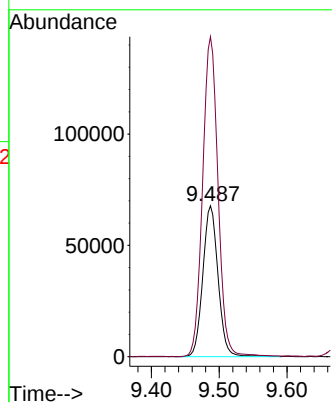
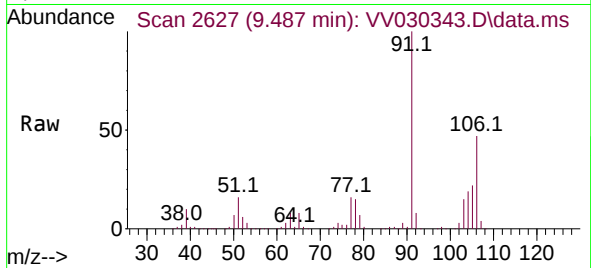




#54
o-Xylene
Concen: 4.895 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

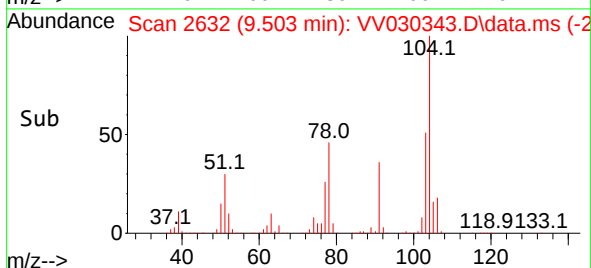
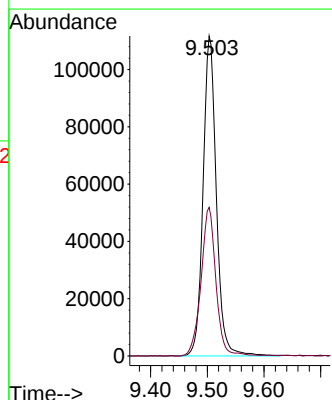
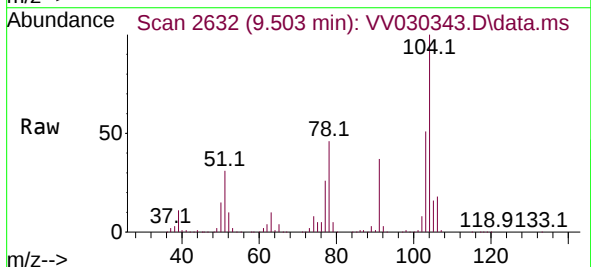
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

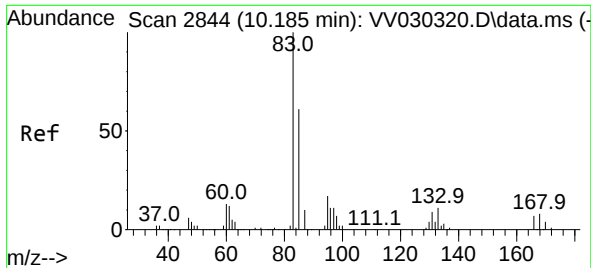
Tgt Ion:106 Resp: 105971
Ion Ratio Lower Upper
106 100
91 212.0 149.8 278.2



#55
Styrene
Concen: 4.947 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion:104 Resp: 181874
Ion Ratio Lower Upper
104 100
78 46.4 31.9 59.2

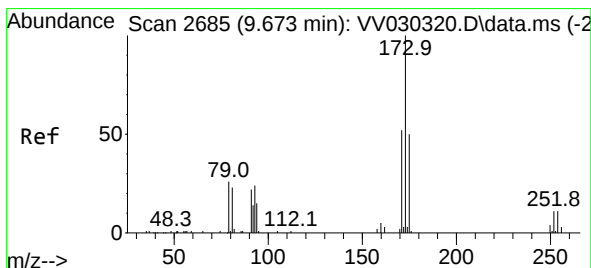
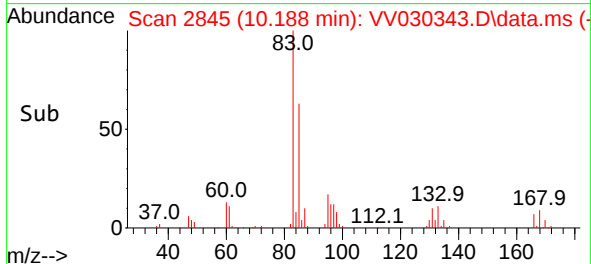
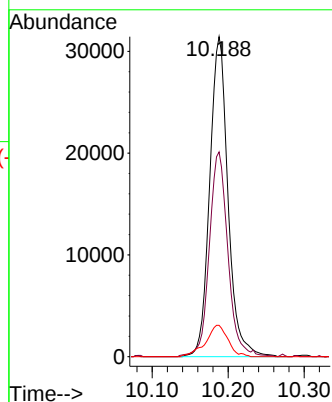
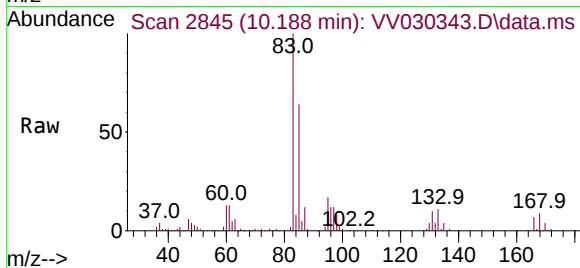




#57
1,1,2,2-Tetrachloroethane
Concen: 4.824 ug/L
RT: 10.188 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

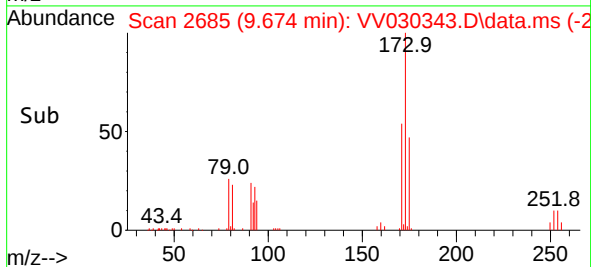
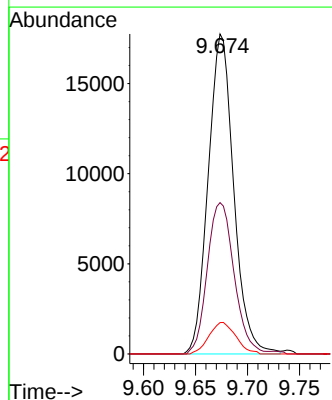
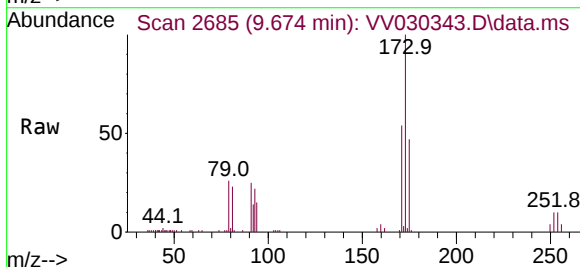
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

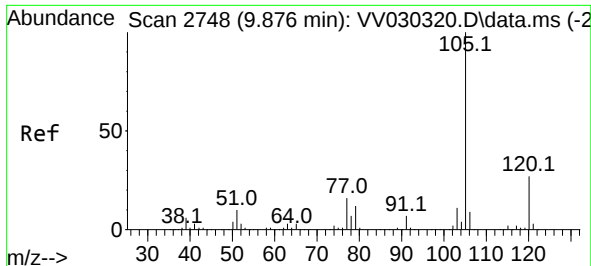
Tgt Ion: 83 Resp: 52489
Ion Ratio Lower Upper
83 100
85 64.0 45.3 84.1
131 9.8 8.2 12.4



#59
Bromoform
Concen: 4.672 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion: 173 Resp: 30266
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.4
254 10.4 8.2 12.4

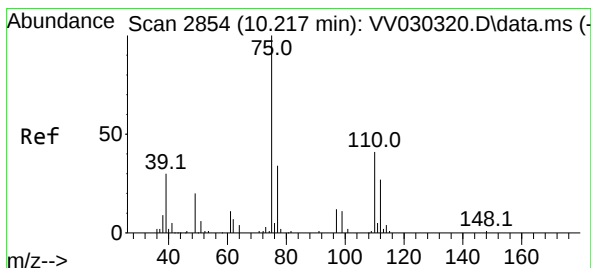
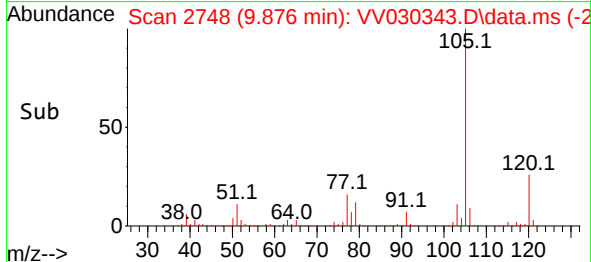
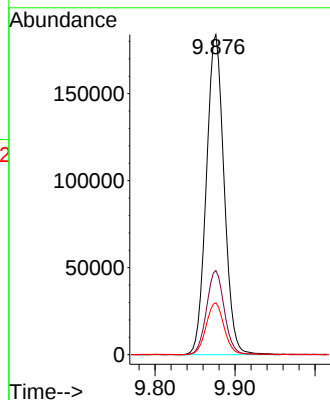
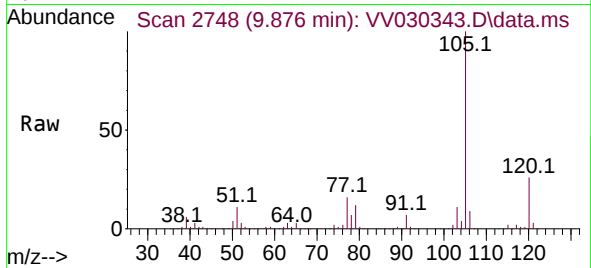




#60
Isopropylbenzene
Concen: 4.810 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

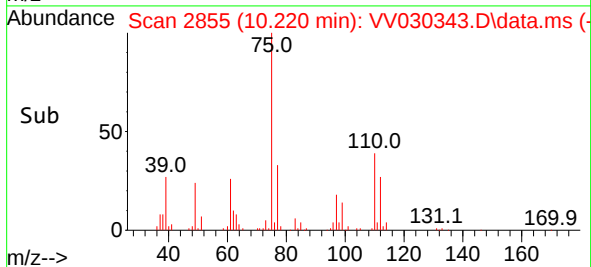
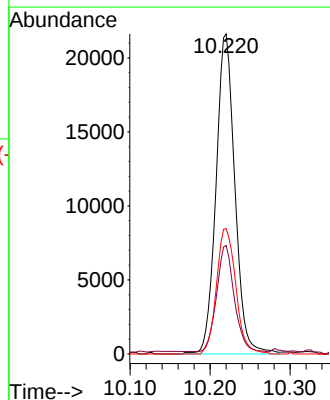
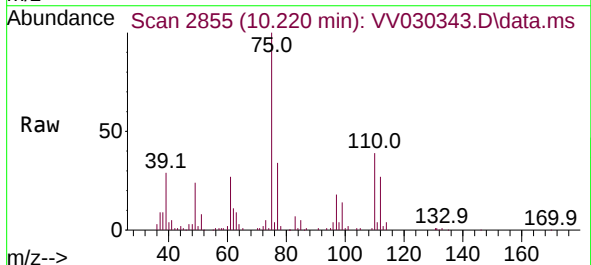
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

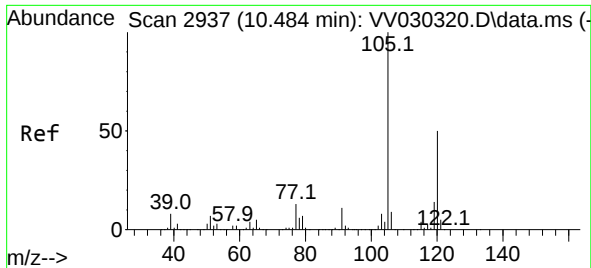
Tgt Ion:105 Resp: 284290
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 16.7 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.938 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion: 75 Resp: 35388
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0
110 40.1 31.6 47.4

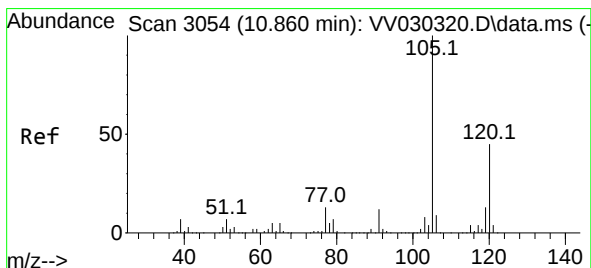
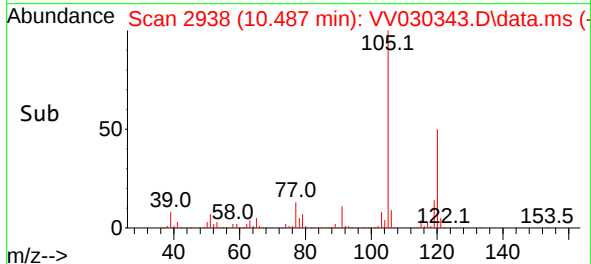
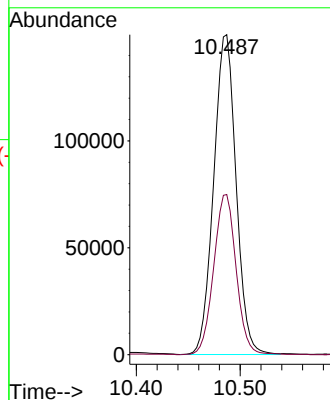
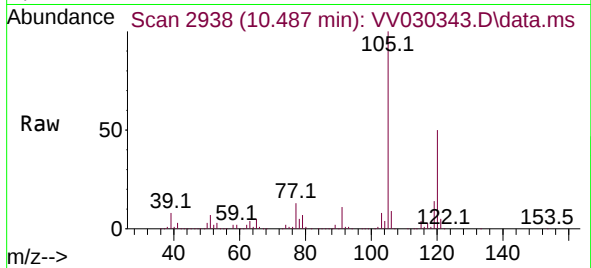




#62
 1,3,5-Trimethylbenzene
 Concen: 4.648 ug/L
 RT: 10.487 min Scan# 2937
 Delta R.T. 0.003 min
 Lab File: VV030343.D
 Acq: 29 Mar 2023 21:50

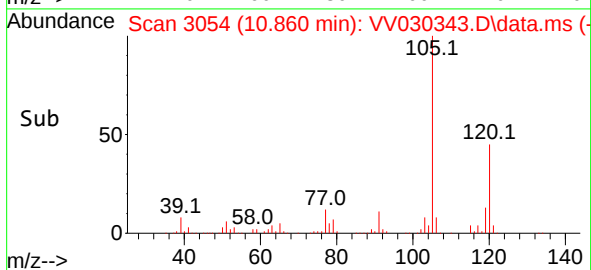
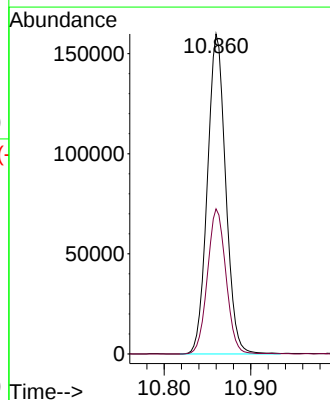
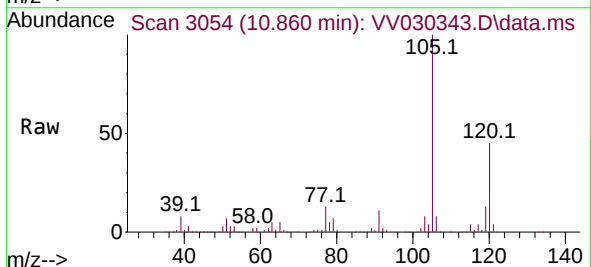
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0MSD

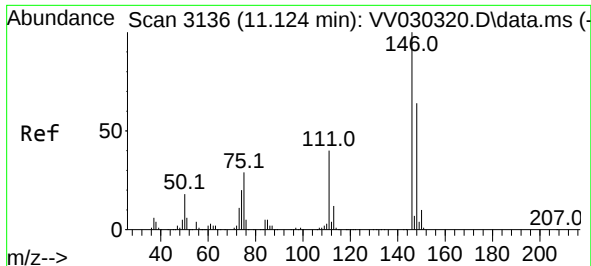
Tgt Ion:105 Resp: 224190
 Ion Ratio Lower Upper
 105 100
 120 50.2 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 4.773 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.000 min
 Lab File: VV030343.D
 Acq: 29 Mar 2023 21:50

Tgt Ion:105 Resp: 234597
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.8 55.2

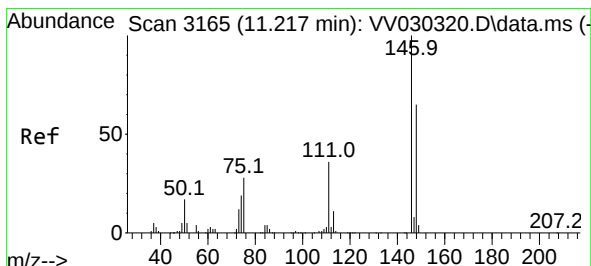
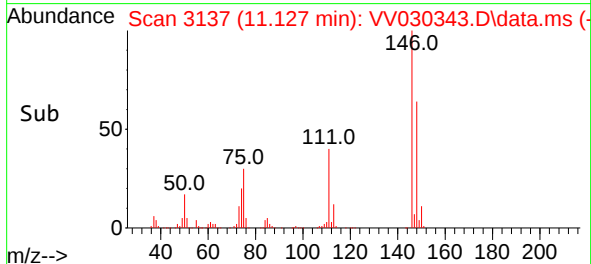
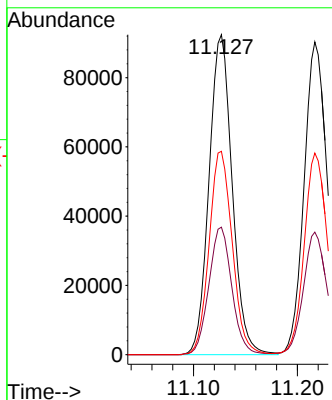
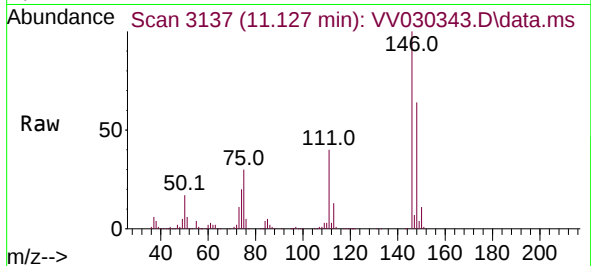




#64
1,3-Dichlorobenzene
Concen: 4.853 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

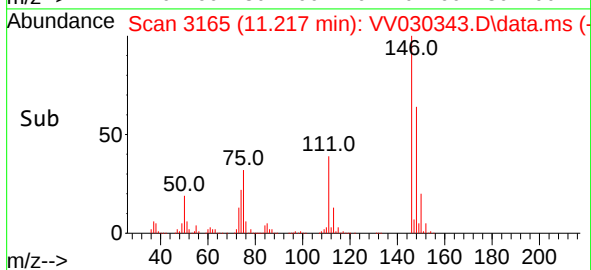
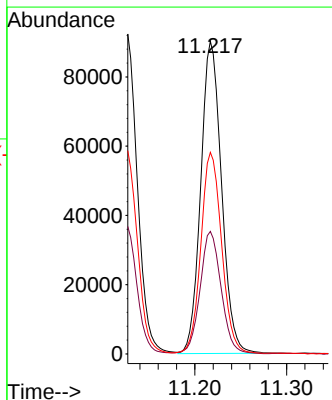
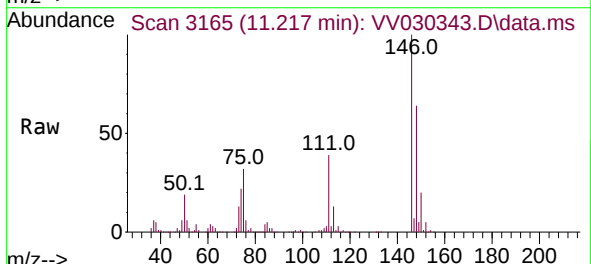
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

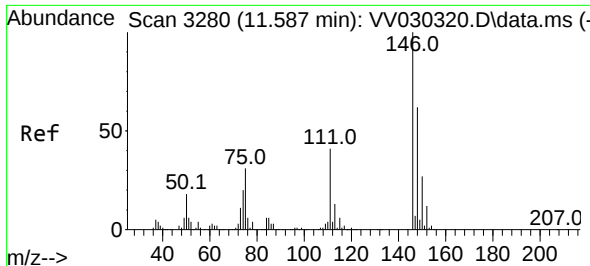
Tgt Ion:146 Resp: 143042
Ion Ratio Lower Upper
146 100
111 39.8 27.0 50.2
148 63.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.776 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion:146 Resp: 141808
Ion Ratio Lower Upper
146 100
111 39.2 26.0 48.4
148 64.5 45.2 84.0

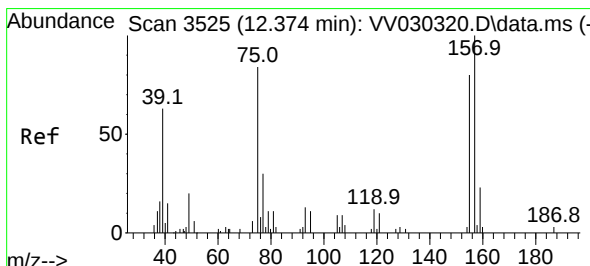
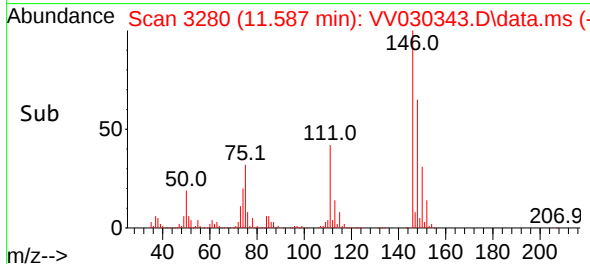
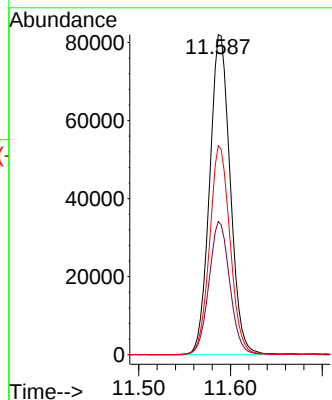
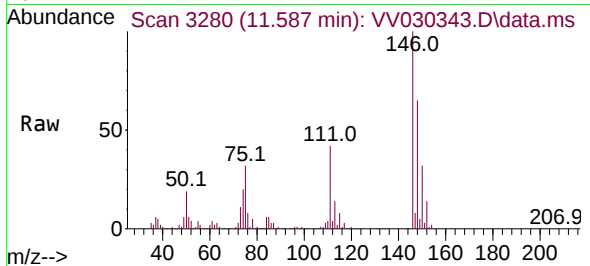




#67
1,2-Dichlorobenzene
Concen: 4.807 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

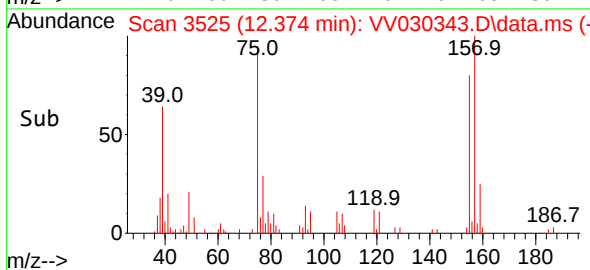
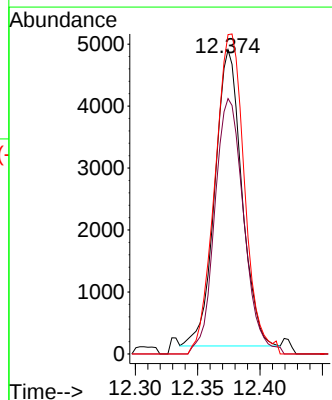
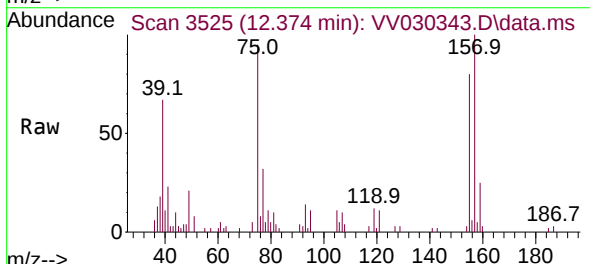
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

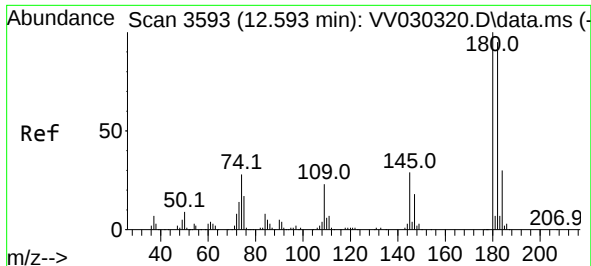
Tgt Ion:146 Resp: 127671
Ion Ratio Lower Upper
146 100
111 41.6 33.1 49.7
148 65.3 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.040 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion: 75 Resp: 7201
Ion Ratio Lower Upper
75 100
155 84.0 64.6 96.8
157 105.0 83.8 125.6





#69

1,3,5-Trichlorobenzene

Concen: 4.566 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.003 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MSD

Tgt Ion:180 Resp: 103624

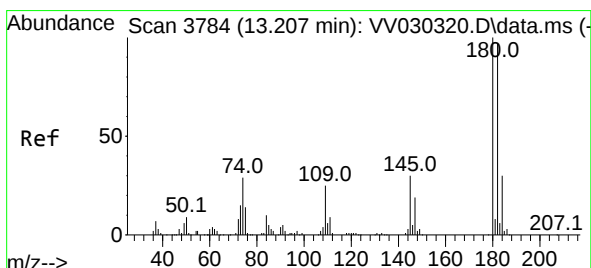
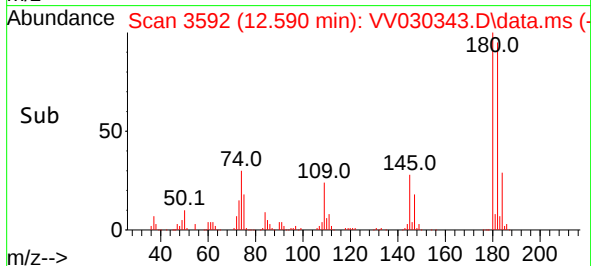
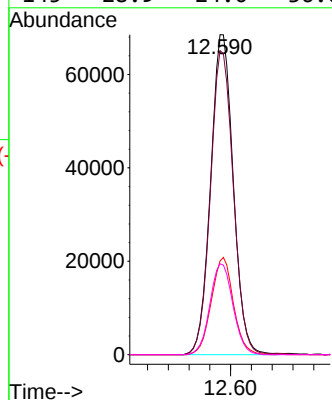
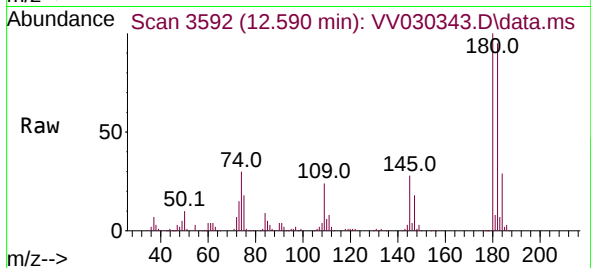
Ion Ratio Lower Upper

180 100

182 95.7 76.5 114.7

184 29.8 24.0 36.0

145 28.9 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.523 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030343.D

Acq: 29 Mar 2023 21:50

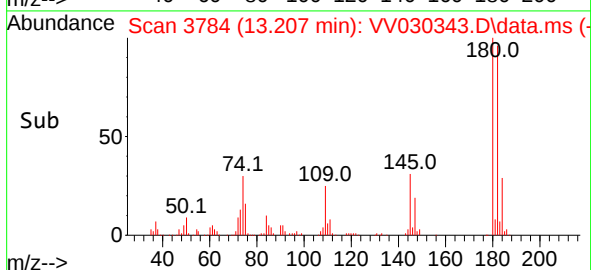
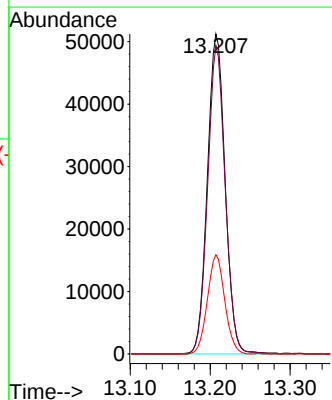
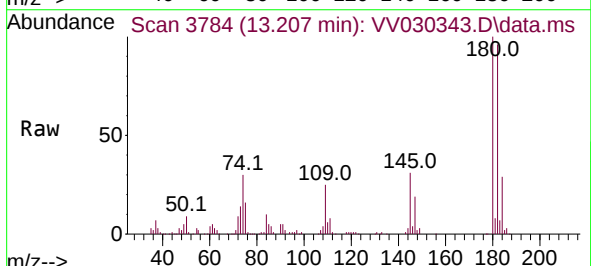
Tgt Ion:180 Resp: 79248

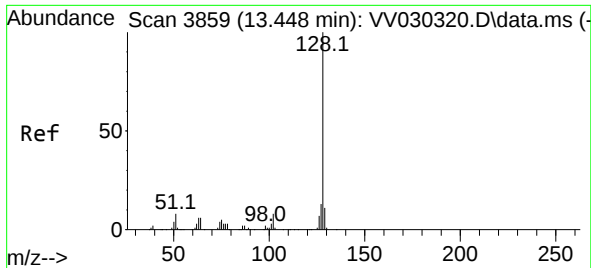
Ion Ratio Lower Upper

180 100

182 95.1 75.3 112.9

145 30.3 23.8 35.6

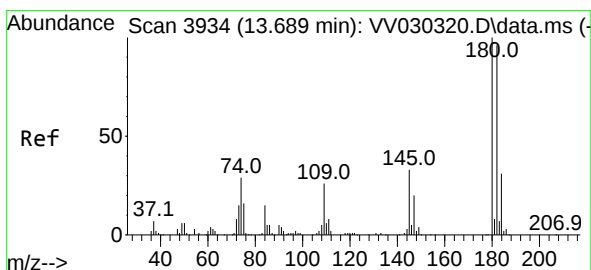
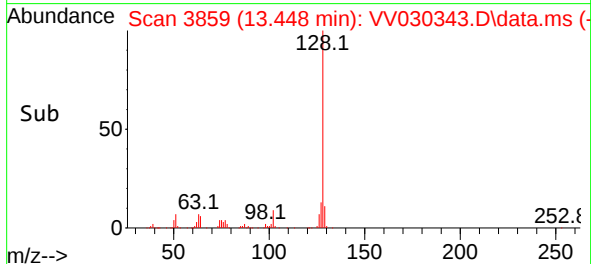
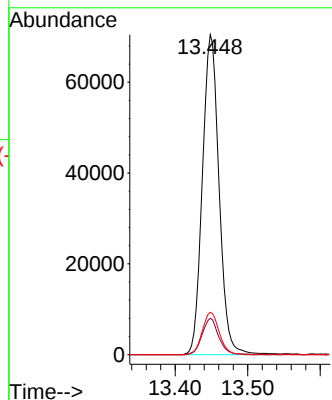
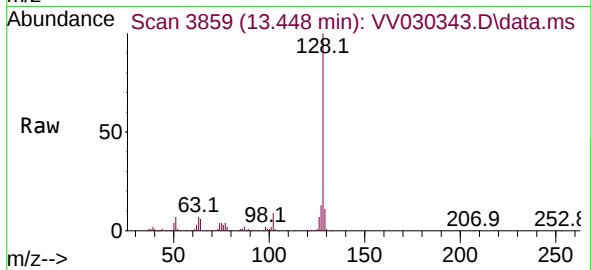




#71
Naphthalene
Concen: 4.501 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MSD

Tgt Ion:128 Resp: 112629
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.560 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030343.D
Acq: 29 Mar 2023 21:50

Tgt Ion:180 Resp: 69219
Ion Ratio Lower Upper
180 100
182 95.5 76.6 115.0
145 32.4 25.0 37.4

