

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026908.D
 Acq On : 22 Jul 2022 23:46
 Operator : SY/MD
 Sample : N3841-10MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MS

Quant Time: Jul 23 04:59:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	569179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	571338	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	313781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	190319	39.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.740%		
7) Chloroethane-d5	1.561	69	163221	42.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.520%		
11) 1,1-Dichloroethene-d2	2.101	63	366263	42.646	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.300%		
21) 2-Butanone-d5	3.883	46	339795	105.601	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.600%		
24) Chloroform-d	4.342	84	435490	46.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.700%		
26) 1,2-Dichloroethane-d4	5.027	65	252236	46.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
32) Benzene-d6	5.043	84	839772	48.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.260%		
36) 1,2-Dichloropropane-d6	6.066	67	268009	48.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.300%		
41) Toluene-d8	7.313	98	750402	49.660	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.320%		
43) trans-1,3-Dichloroprop...	7.619	79	110407	47.343	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.680%		
47) 2-Hexanone-d5	8.088	63	270349	111.560	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.560%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	417862	49.423	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.840%		
66) 1,2-Dichlorobenzene-d4	11.622	152	286444	48.659	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	252524	42.946	ug/L	100
3) Chloromethane	1.236	50	250931	45.634	ug/L	99
5) Vinyl chloride	1.307	62	266228	45.546	ug/L	100
6) Bromomethane	1.516	94	161711	45.785	ug/L	99
8) Chloroethane	1.580	64	156853	45.667	ug/L	98
9) Trichlorofluoromethane	1.744	101	358954	44.559	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	203519	43.197	ug/L	99
12) 1,1-Dichloroethene	2.111	96	201645	45.820	ug/L	98
13) Acetone	2.175	43	230203	101.890	ug/L	99
14) Carbon disulfide	2.288	76	566034	45.080	ug/L	100
15) Methyl Acetate	2.429	43	218948	43.936	ug/L	99
16) Methylene chloride	2.500	84	255700	45.581	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	217307	46.731	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	662260	51.267	ug/L	100
19) 1,1-Dichloroethane	3.182	63	412882	48.211	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	243289	49.644	ug/L	97
22) 2-Butanone	3.966	43	343826	111.580	ug/L	100
23) Bromochloromethane	4.243	128	133706	47.647	ug/L	97
25) Chloroform	4.368	83	436232	47.759	ug/L	98

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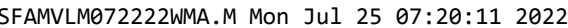
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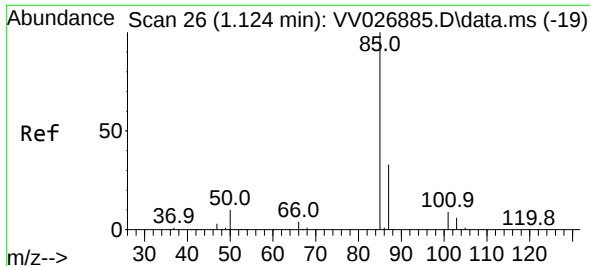
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	308334	47.838	ug/L	100
29) Cyclohexane	4.674	56	304378	50.946	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	366520	48.554	ug/L	99
31) Carbon tetrachloride	4.821	117	312014	47.208	ug/L	100
33) Benzene	5.095	78	946336	51.505	ug/L	100
34) Trichloroethene	5.911	95	222440	47.112	ug/L	98
35) Methylcyclohexane	6.127	83	326720	46.735	ug/L	99
37) 1,2-Dichloropropane	6.169	63	249689	52.214	ug/L	99
38) Bromodichloromethane	6.506	83	314624	48.540	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	320884	48.350	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	636178	111.789	ug/L	99
42) Toluene	7.384	91	986926	52.624	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	310513	47.444	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	250893	49.266	ug/L	99
46) Tetrachloroethene	7.972	164	172510	46.838	ug/L	96
48) 2-Hexanone	8.136	43	516543	116.622	ug/L	99
49) Dibromochloromethane	8.243	129	254861	47.881	ug/L	97
50) 1,2-Dibromoethane	8.349	107	256099	49.153	ug/L	97
51) Chlorobenzene	8.879	112	637350	48.756	ug/L	99
52) Ethylbenzene	9.011	91	993510	51.036	ug/L	100
53) m,p-Xylene	9.136	106	396958	52.079	ug/L	99
54) o-Xylene	9.541	106	386650	52.669	ug/L	99
55) Styrene	9.558	104	713780	55.055	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	417214	50.753	ug/L	99
59) Bromoform	9.728	173	173792	49.575	ug/L	100
60) Isopropylbenzene	9.931	105	983741	53.051	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	320712	50.936	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	806252	53.498	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	816844	54.036	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	467354	49.328	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	484013	48.213	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	490142	50.423	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	84456	50.206	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	305163	45.497	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	259041	45.838	ug/L	99
71) Naphthalene	13.500	128	1007650	56.701	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	295232	50.082	ug/L	99

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

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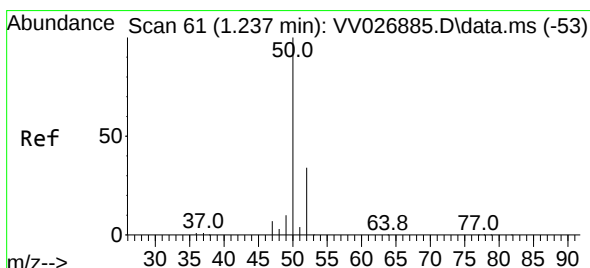
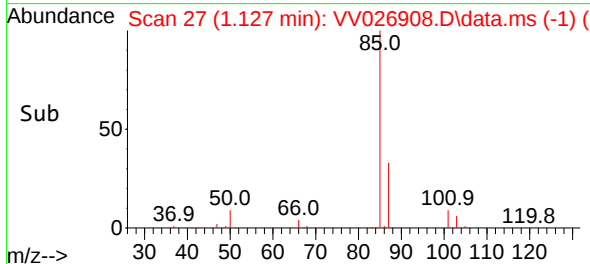
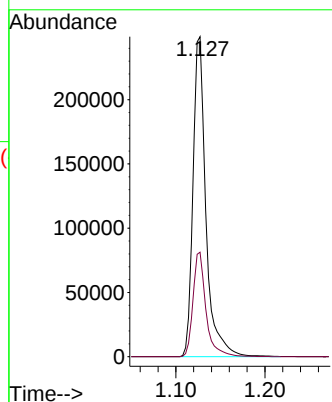
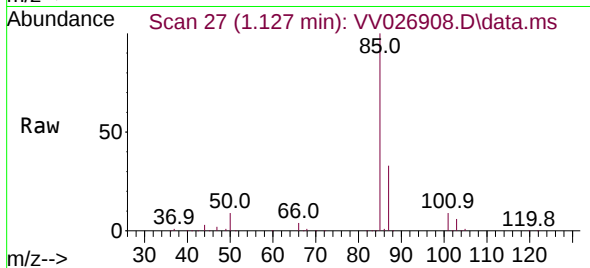




#2
 Dichlorodifluoromethane
 Concen: 42.946 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

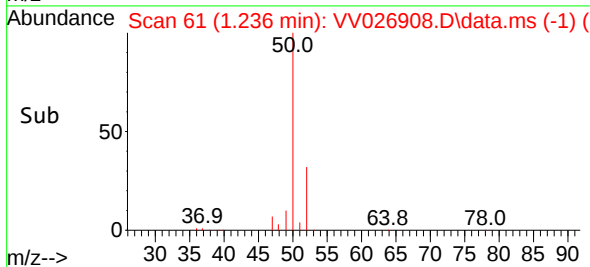
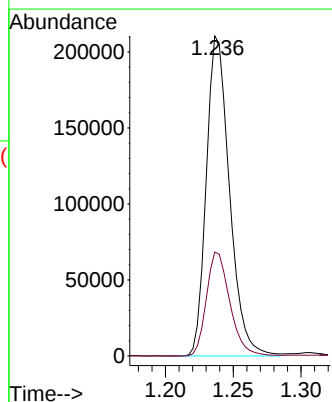
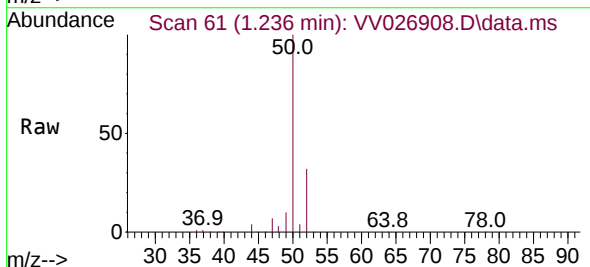
Instrument :
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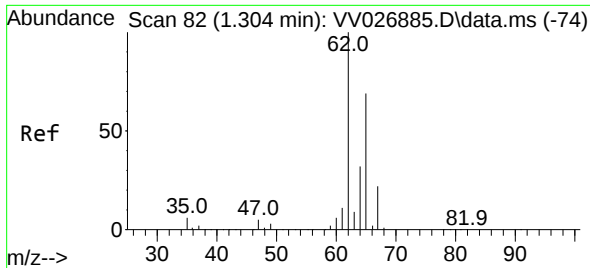
Tgt Ion: 85 Resp: 252524
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.1 39.1



#3
 Chloromethane
 Concen: 45.634 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

Tgt Ion: 50 Resp: 250931
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.1 42.9

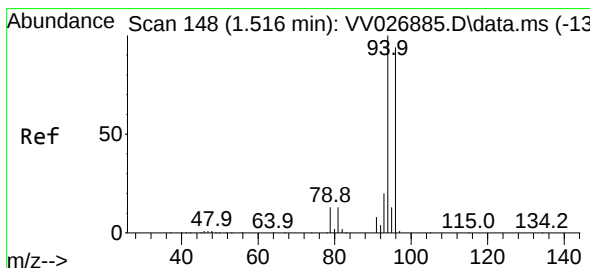
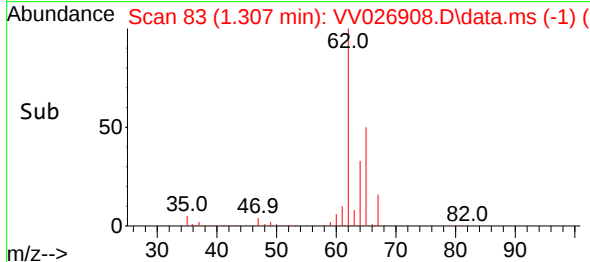
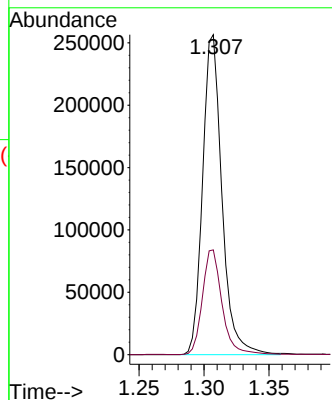
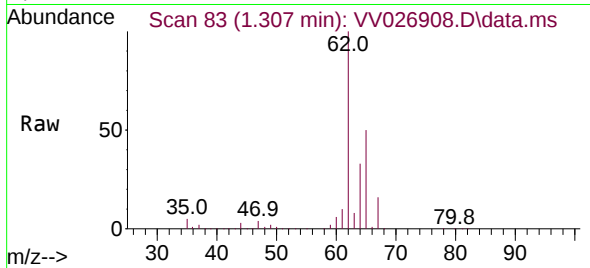




#5
 Vinyl chloride
 Concen: 45.546 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

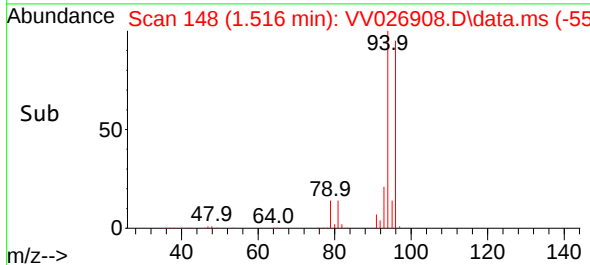
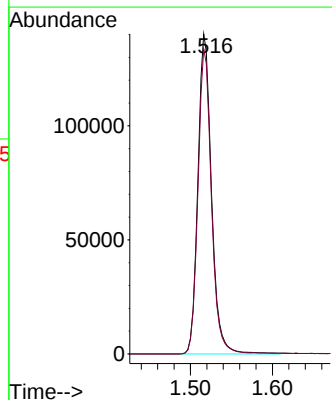
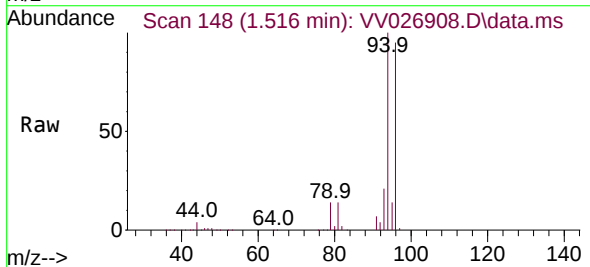
Instrument :
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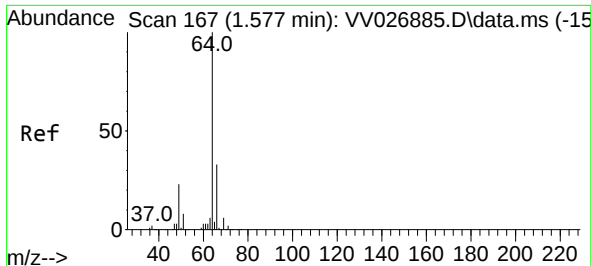
Tgt Ion: 62 Resp: 266228
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 45.785 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

Tgt Ion: 94 Resp: 161711
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.8 122.2

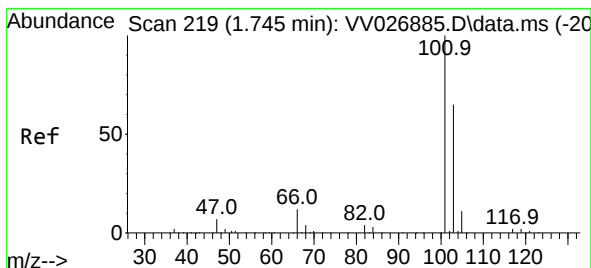
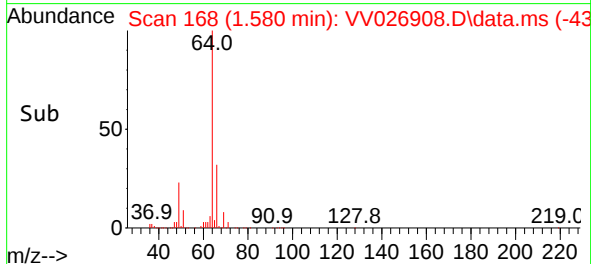
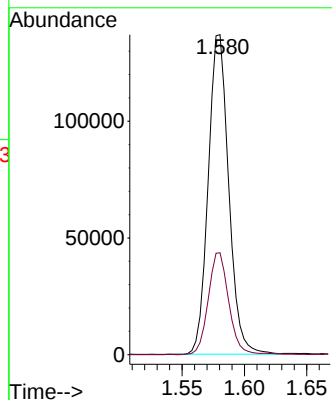
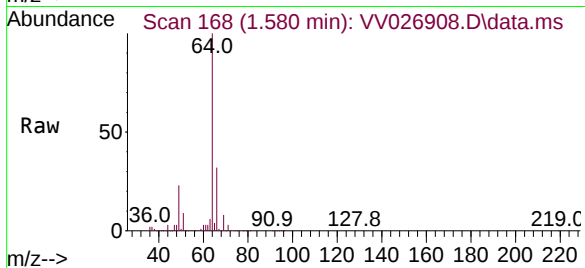




#8
Chloroethane
Concen: 45.667 ug/L
RT: 1.580 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

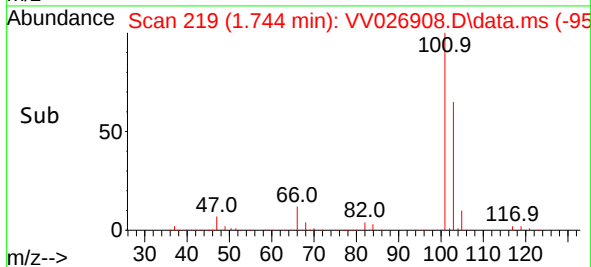
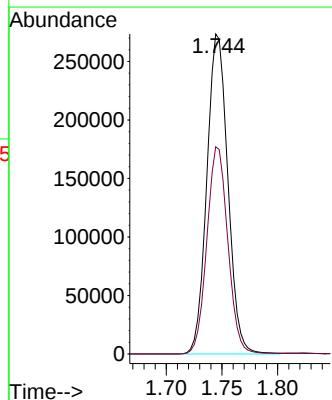
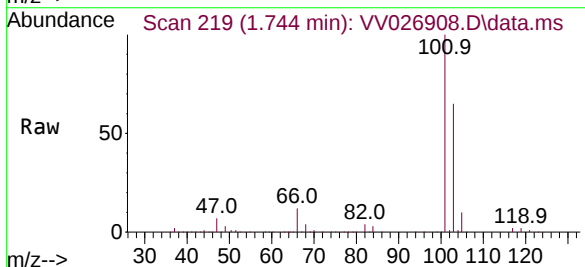
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ClientSampleId :
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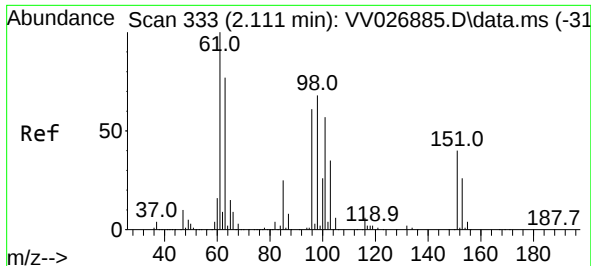
Tgt Ion: 64 Resp: 156853
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 44.559 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion: 101 Resp: 358954
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

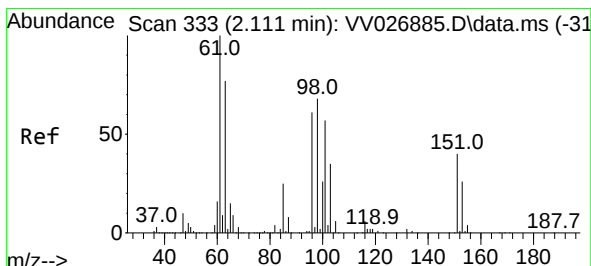
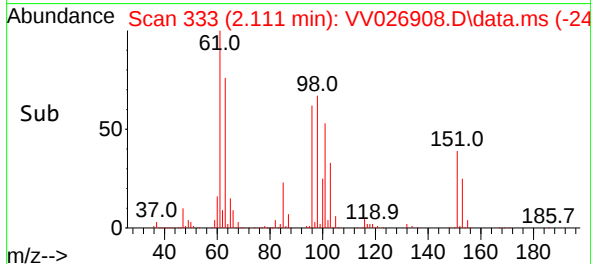
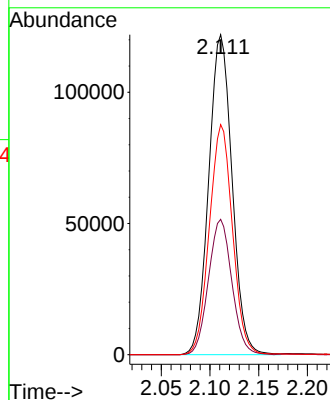
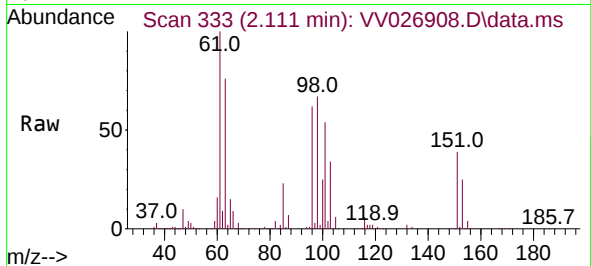




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.197 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

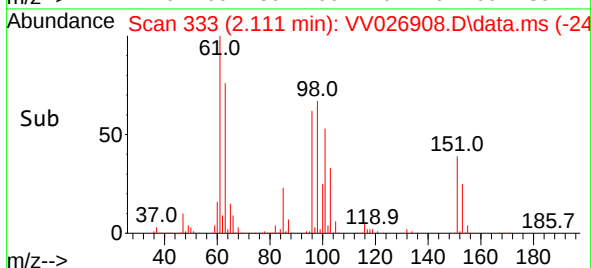
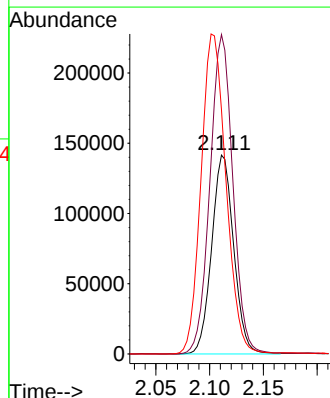
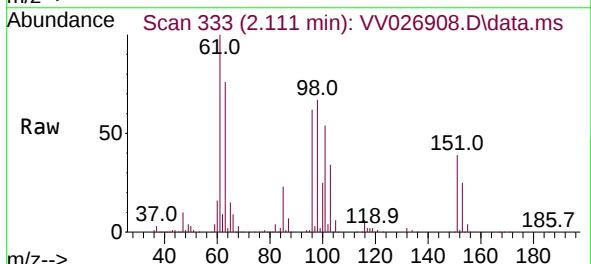
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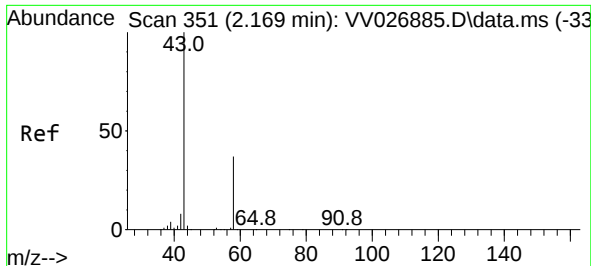
Tgt Ion:101 Resp: 203519
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.1 49.7
 151 71.2 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 45.820 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

Tgt Ion: 96 Resp: 201645
 Ion Ratio Lower Upper
 96 100
 61 160.6 114.2 212.0
 63 122.8 87.0 161.6





#13

Acetone

Concen: 101.890 ug/L

RT: 2.175 min Scan# 351

Delta R.T. 0.006 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

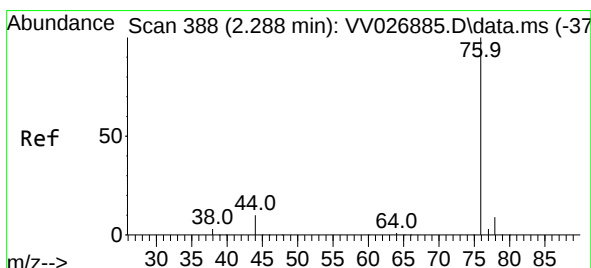
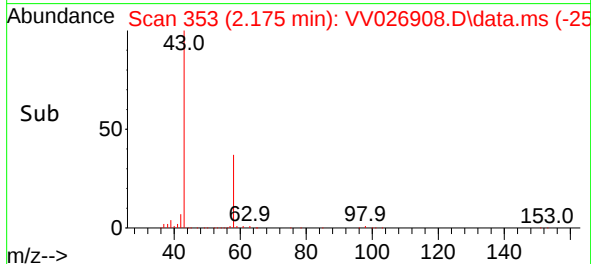
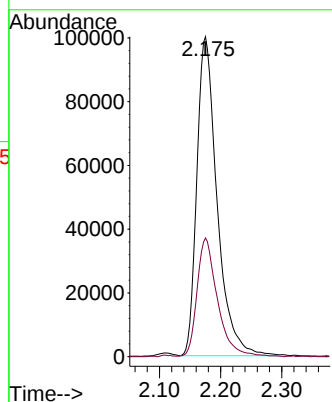
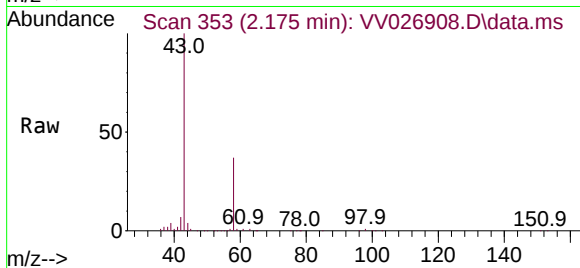
DBUD4MS

Tgt Ion: 43 Resp: 230203

Ion Ratio Lower Upper

43 100

58 37.1 0.0 72.6



#14

Carbon disulfide

Concen: 45.080 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV026908.D

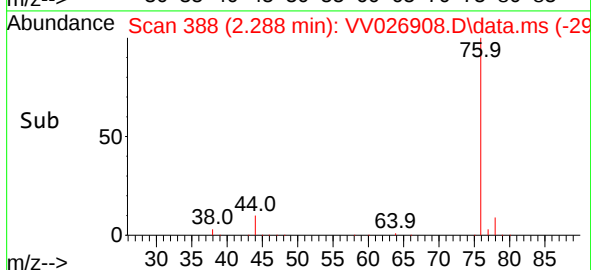
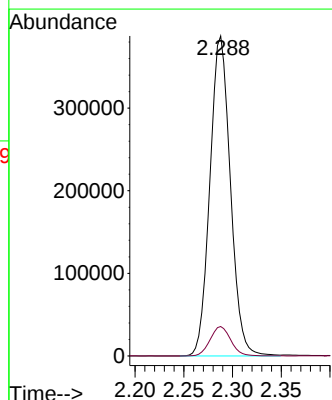
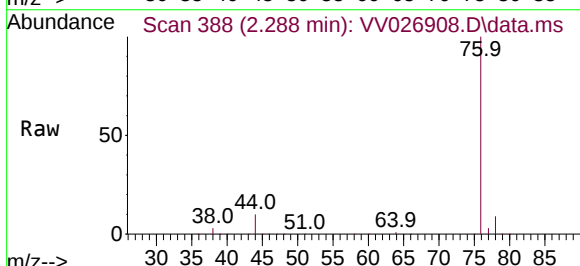
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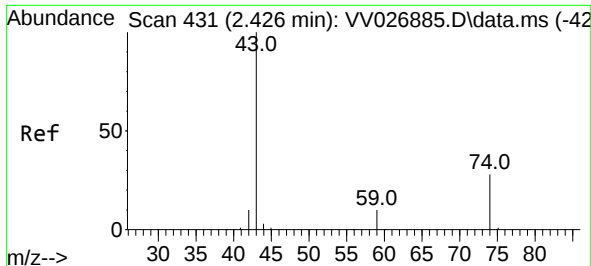
Tgt Ion: 76 Resp: 566034

Ion Ratio Lower Upper

76 100

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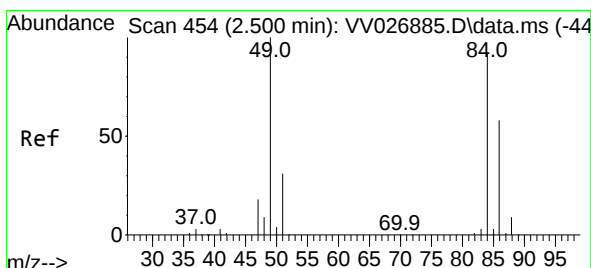
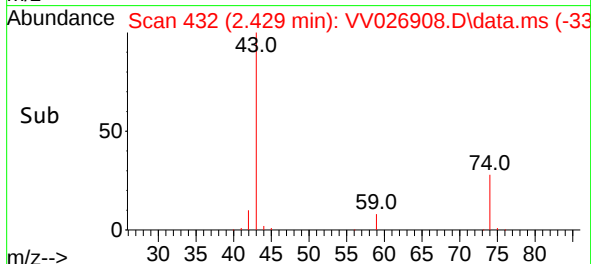
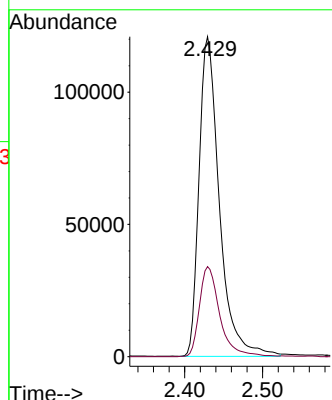
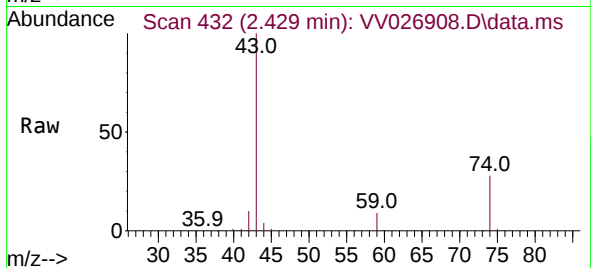




#15
Methyl Acetate
Concen: 43.936 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

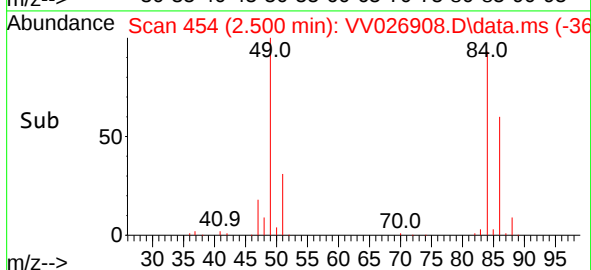
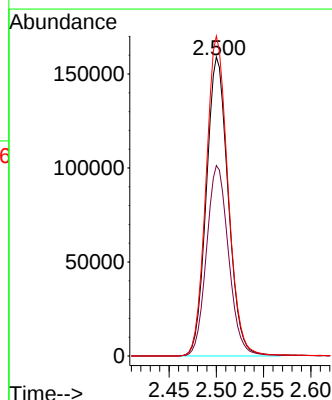
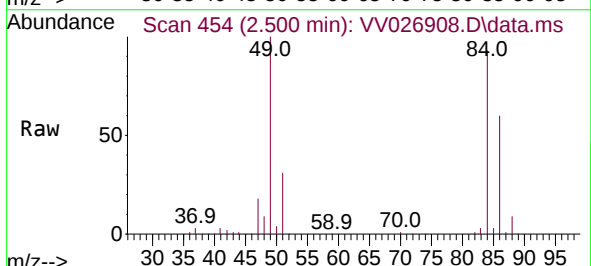
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

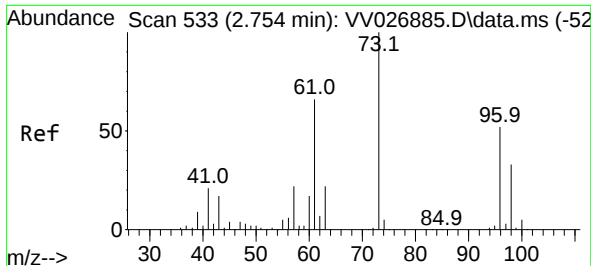
Tgt Ion: 43 Resp: 218948
Ion Ratio Lower Upper
43 100
74 28.2 22.1 33.1



#16
Methylene chloride
Concen: 45.581 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion: 84 Resp: 255700
Ion Ratio Lower Upper
84 100
86 63.7 44.5 82.7
49 107.0 75.0 139.2





#17

trans-1,2-Dichloroethene

Concen: 46.731 ug/L

RT: 2.754 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MS

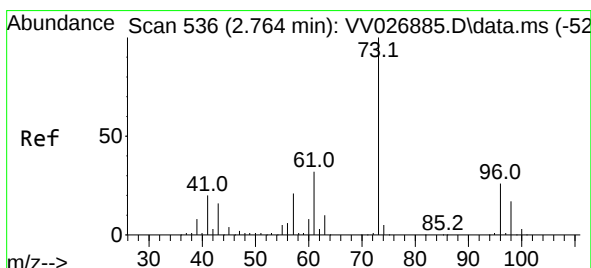
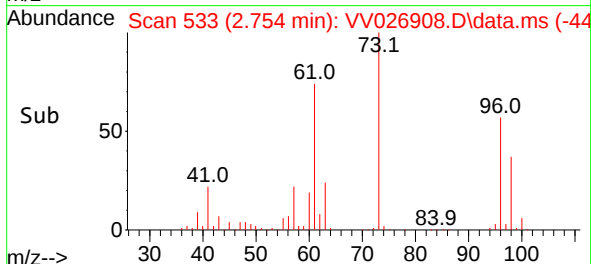
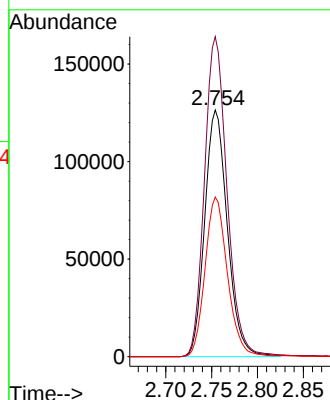
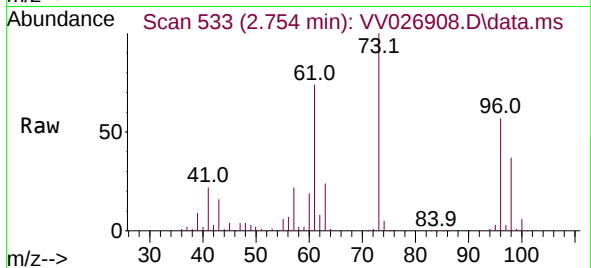
Tgt Ion: 96 Resp: 217307

Ion Ratio Lower Upper

96 100

61 129.7 89.2 165.6

98 64.7 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 51.267 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.003 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

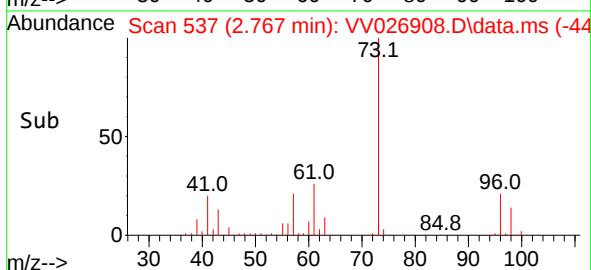
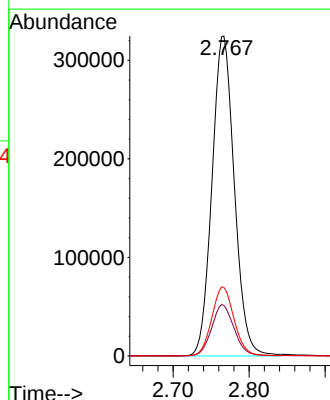
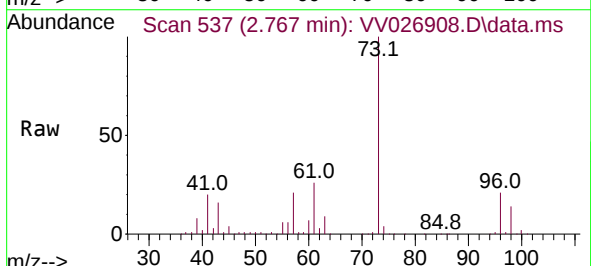
Tgt Ion: 73 Resp: 662260

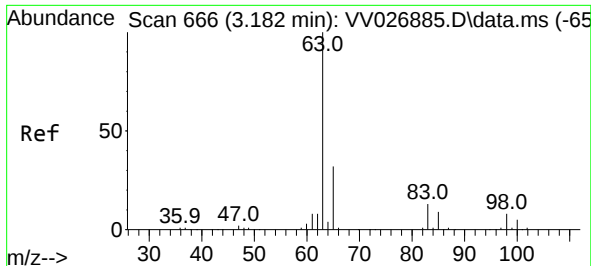
Ion Ratio Lower Upper

73 100

43 16.0 12.8 19.2

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 48.211 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MS

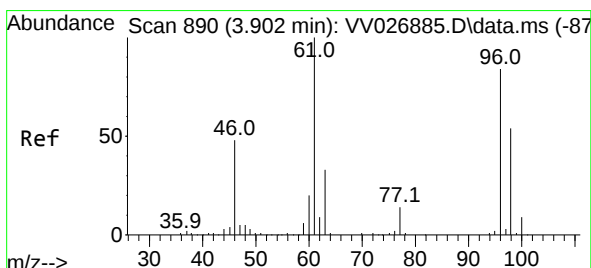
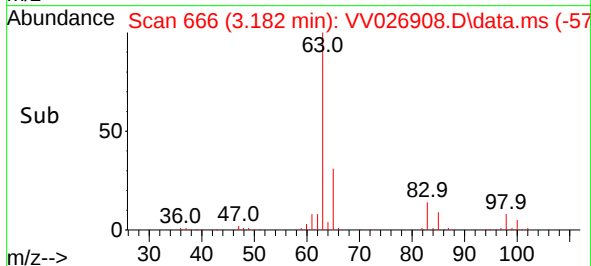
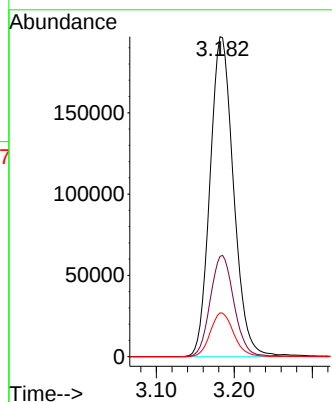
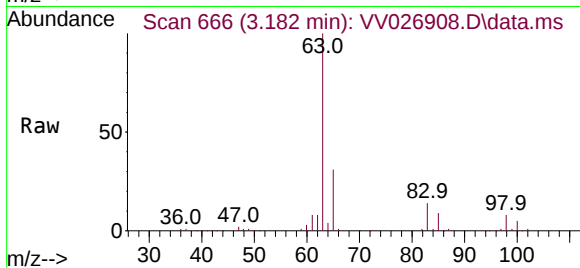
Tgt Ion: 63 Resp: 412882

Ion Ratio Lower Upper

63 100

65 31.3 22.6 42.0

83 13.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 49.644 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

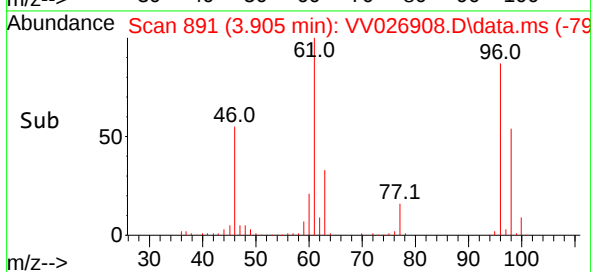
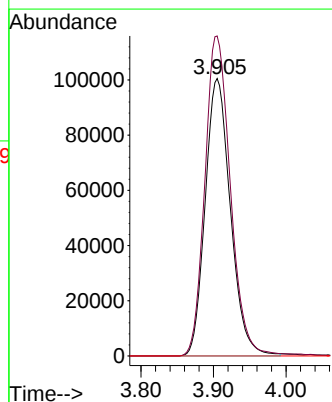
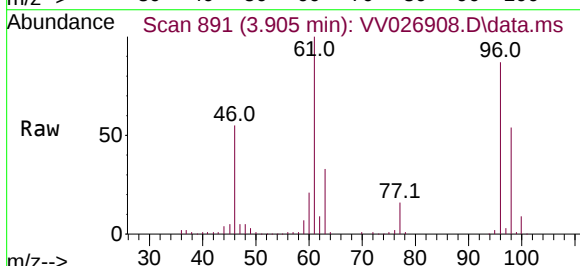
Tgt Ion: 96 Resp: 243289

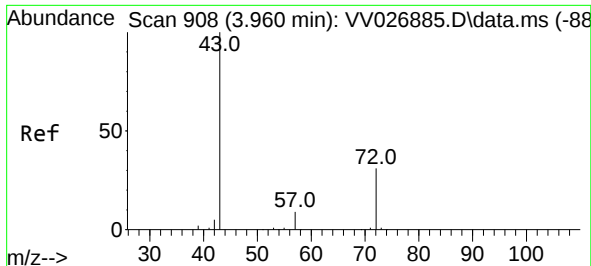
Ion Ratio Lower Upper

96 100

61 115.3 83.0 154.1

68 0.0 0.0 0.0

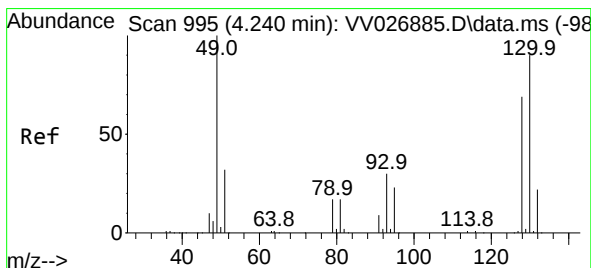
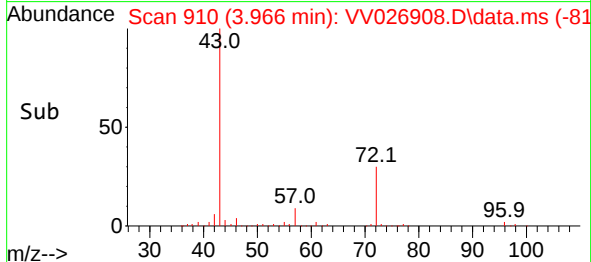
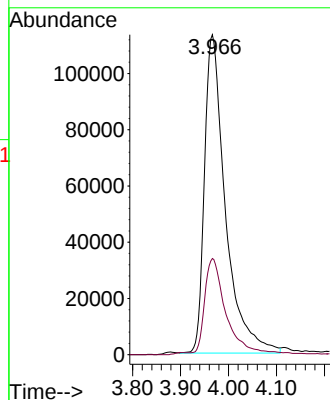
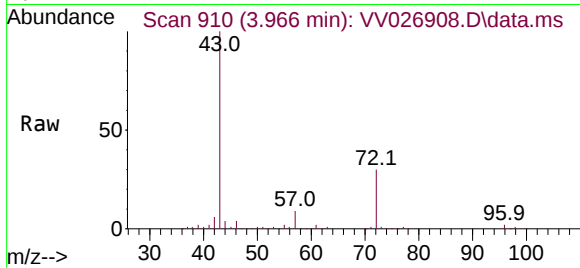




#22
2-Butanone
Concen: 111.580 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.006 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

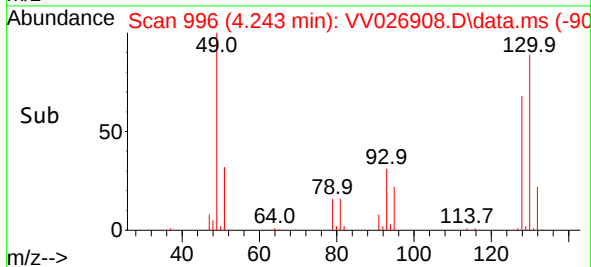
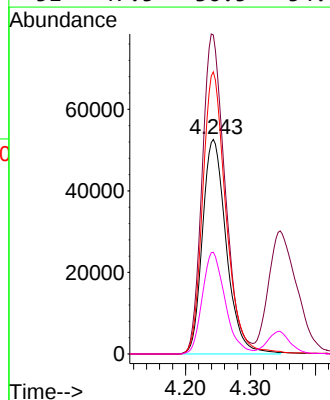
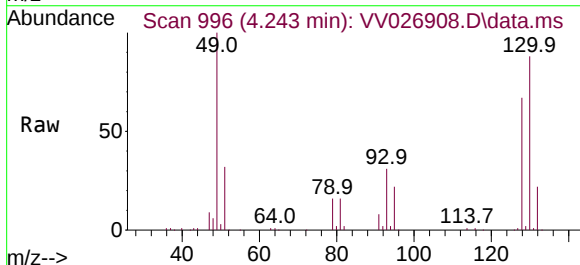
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

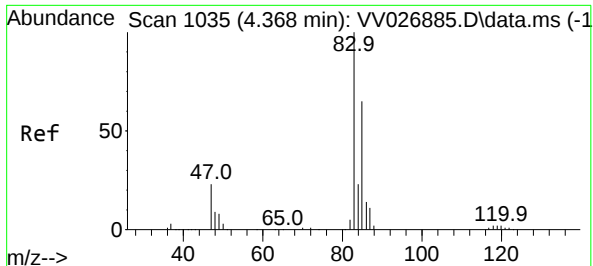
Tgt Ion: 43 Resp: 343826
Ion Ratio Lower Upper
43 100
72 29.5 14.9 44.5



#23
Bromochloromethane
Concen: 47.647 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion: 128 Resp: 133706
Ion Ratio Lower Upper
128 100
49 148.7 101.0 187.6
130 131.4 90.0 167.2
51 47.5 36.5 54.7





#25

Chloroform

Concen: 47.759 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

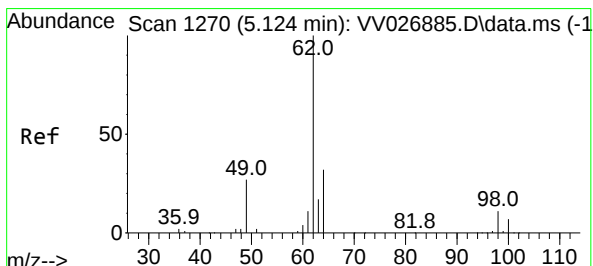
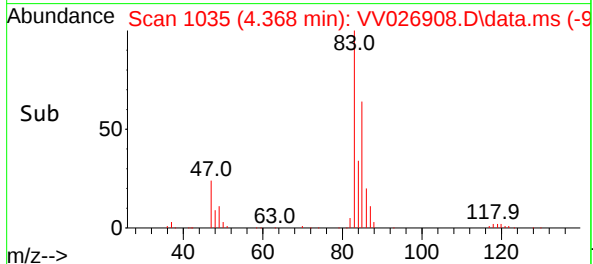
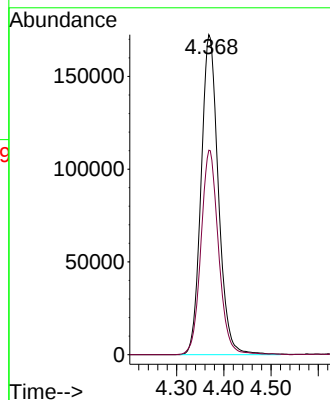
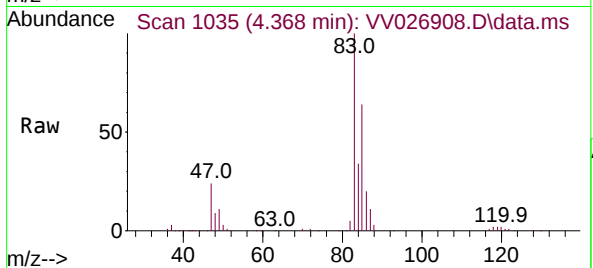
DBUD4MS

Tgt Ion: 83 Resp: 436232

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.0



#27

1,2-Dichloroethane

Concen: 47.838 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV026908.D

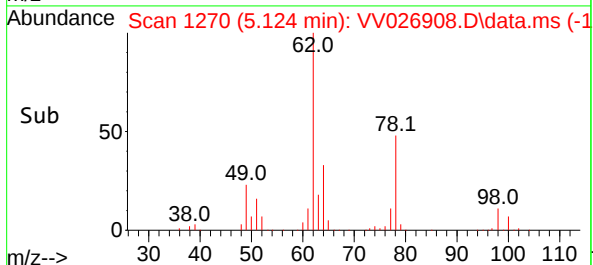
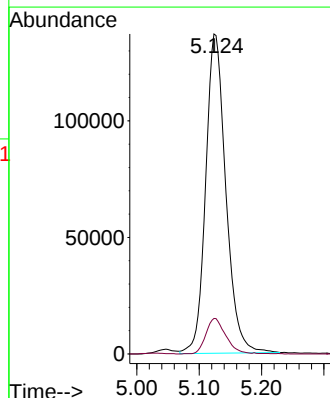
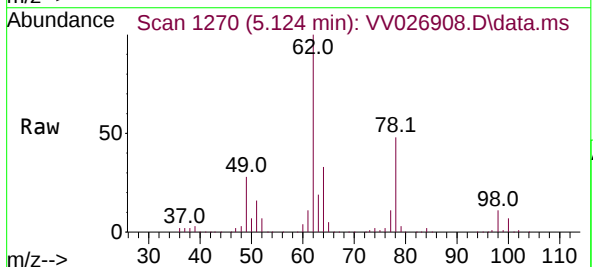
Acq: 22 Jul 2022 23:46

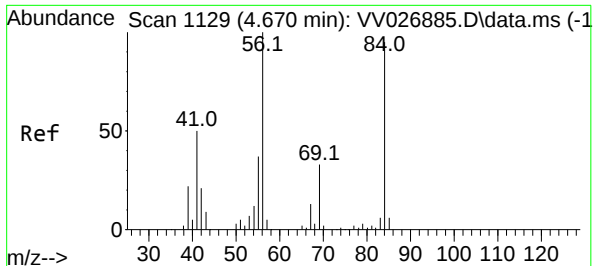
Tgt Ion: 62 Resp: 308334

Ion Ratio Lower Upper

62 100

98 11.1 8.9 13.3





#29

Cyclohexane

Concen: 50.946 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MS

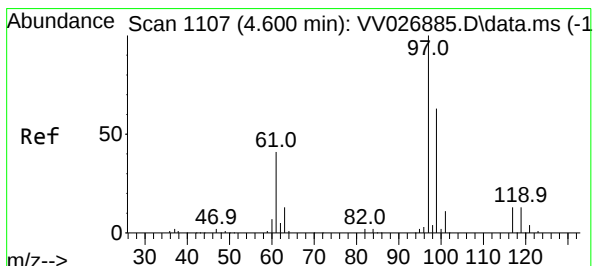
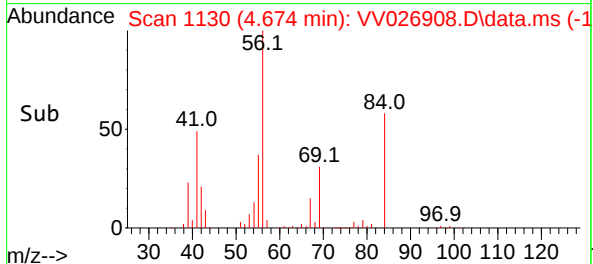
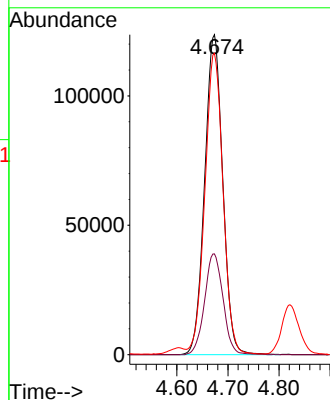
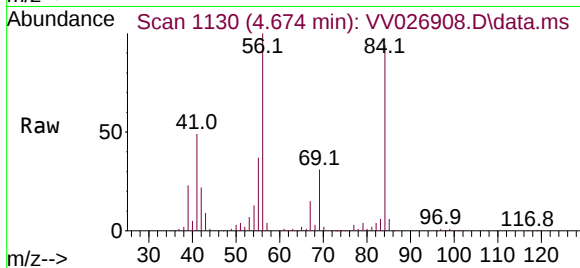
Tgt Ion: 56 Resp: 304378

Ion Ratio Lower Upper

56 100

69 32.1 25.7 38.5

84 94.5 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 48.554 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

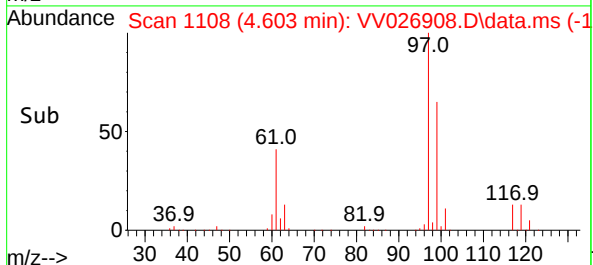
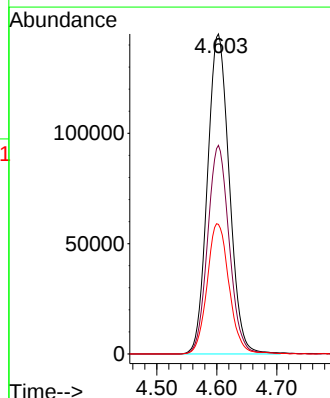
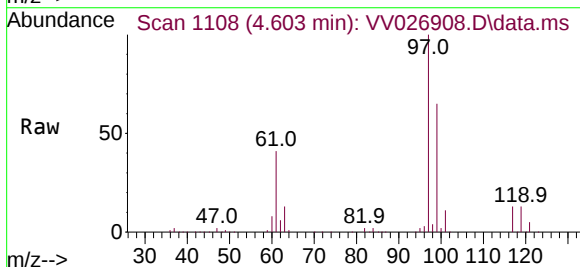
Tgt Ion: 97 Resp: 366520

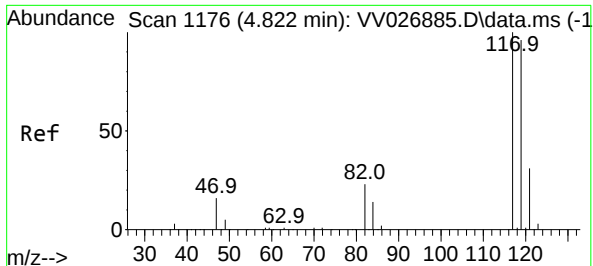
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 40.8 33.1 49.7

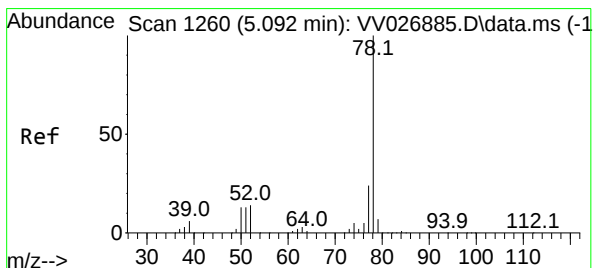
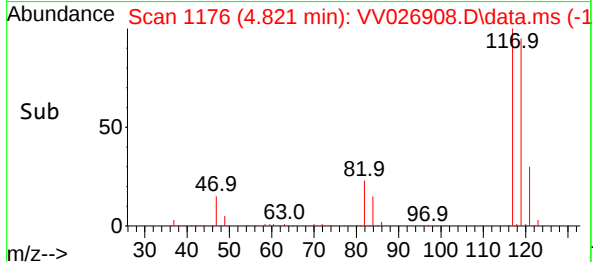
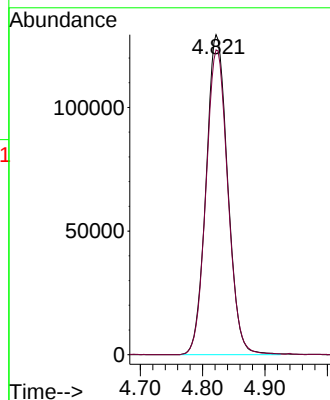
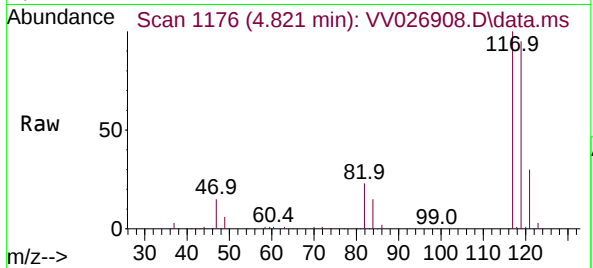




#31
Carbon tetrachloride
Concen: 47.208 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

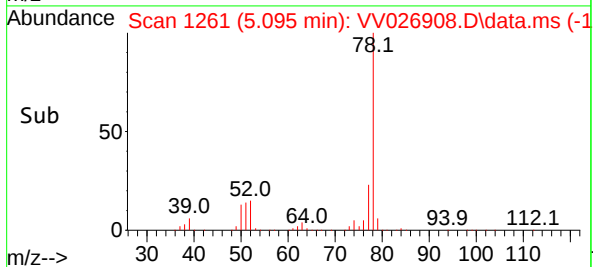
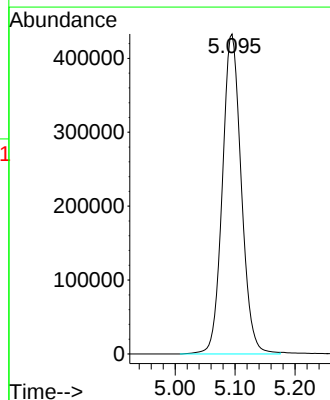
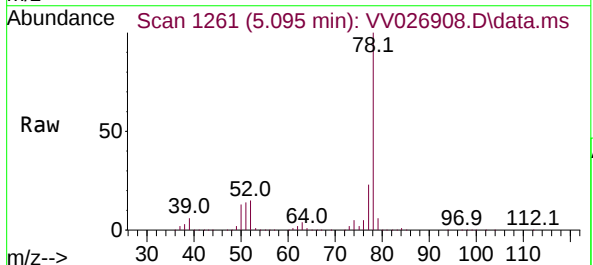
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

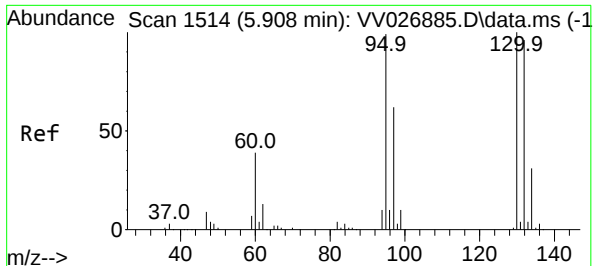
Tgt Ion:117 Resp: 312014
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9



#33
Benzene
Concen: 51.505 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion: 78 Resp: 946336

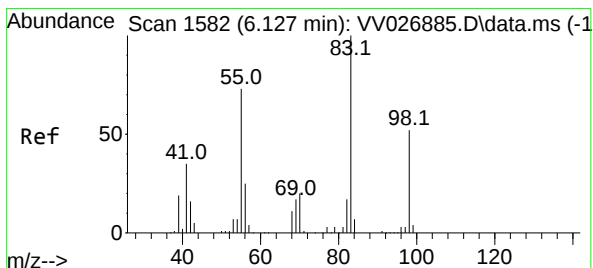
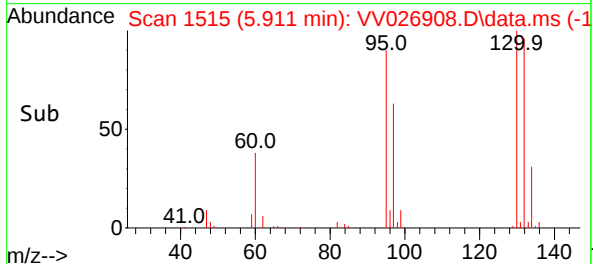
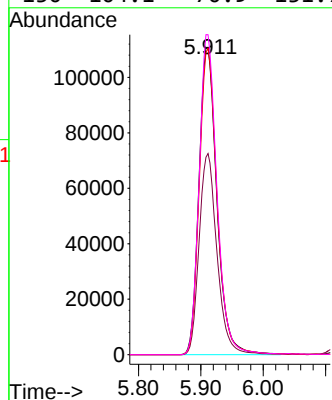
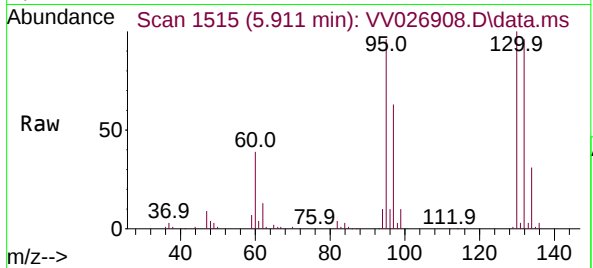




#34
Trichloroethene
Concen: 47.112 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

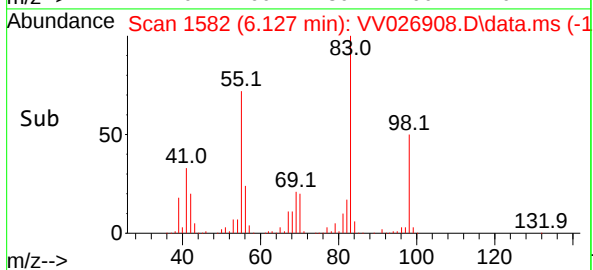
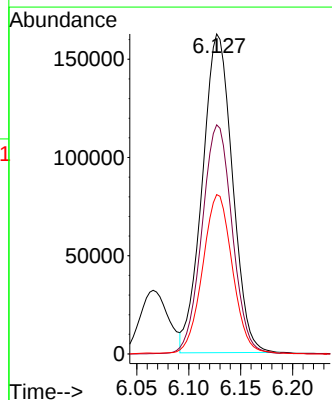
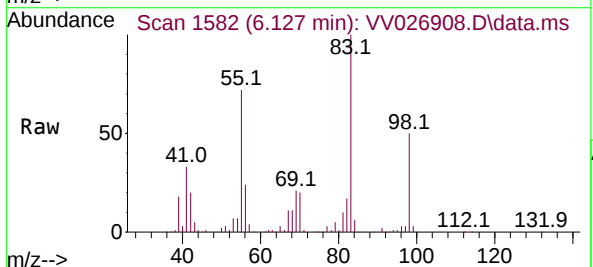
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

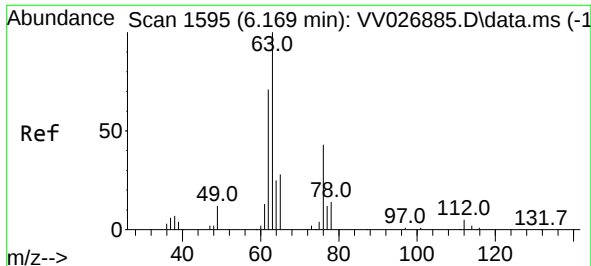
Tgt Ion: 95 Resp: 222440
Ion Ratio Lower Upper
95 100
97 65.4 45.9 85.3
132 99.6 68.1 126.5
130 104.1 70.9 131.7



#35
Methylcyclohexane
Concen: 46.735 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion: 83 Resp: 326720
Ion Ratio Lower Upper
83 100
55 72.3 57.4 86.2
98 49.9 39.4 59.0





#37

1,2-Dichloropropane

Concen: 52.214 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

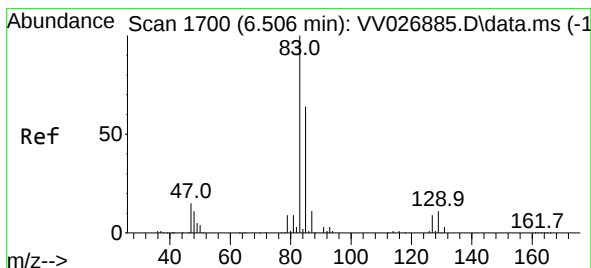
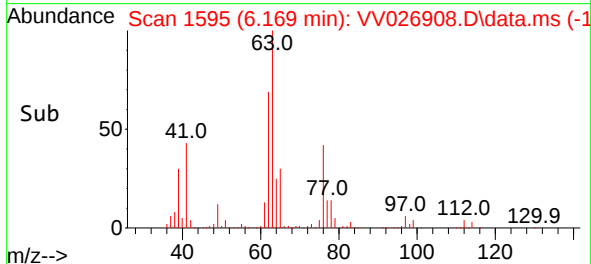
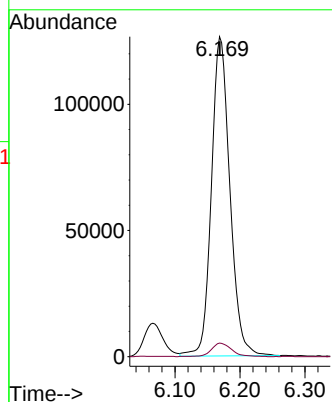
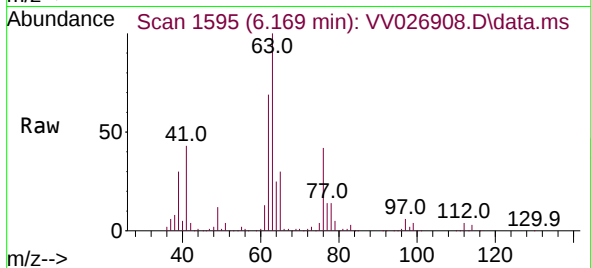
DBUD4MS

Tgt Ion: 63 Resp: 249689

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 48.540 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

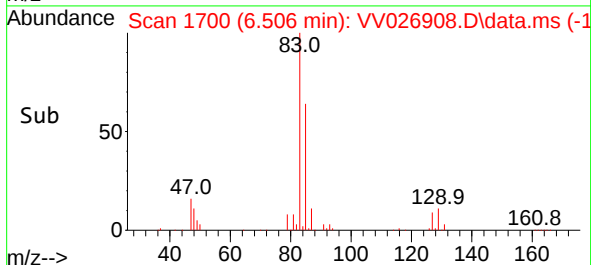
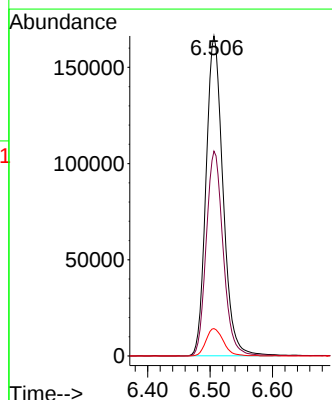
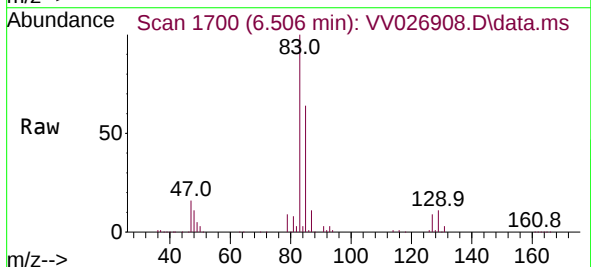
Tgt Ion: 83 Resp: 314624

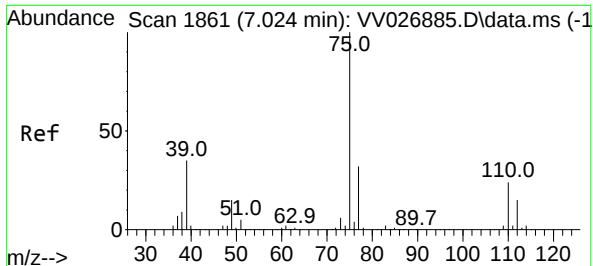
Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.9

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.350 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

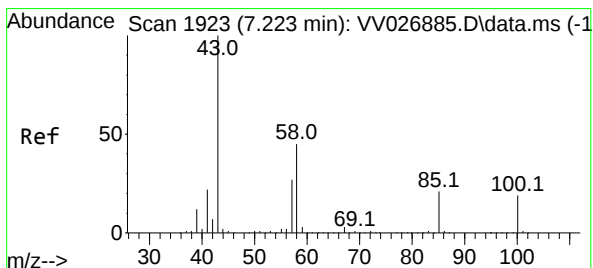
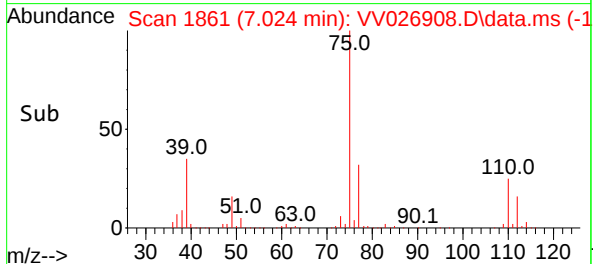
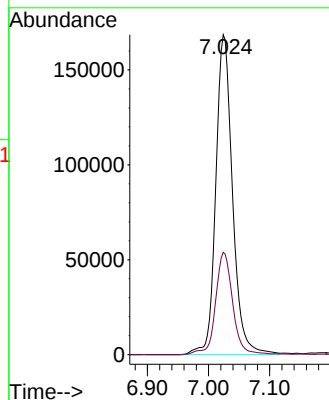
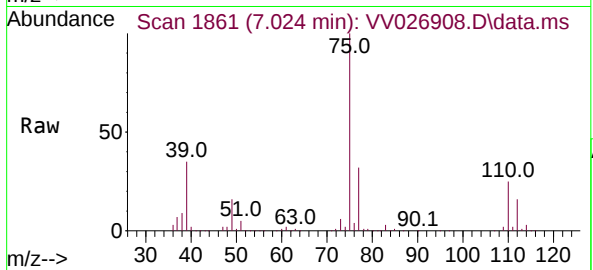
DBUD4MS

Tgt Ion: 75 Resp: 320884

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 111.789 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

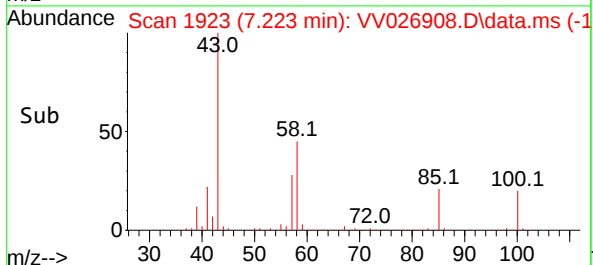
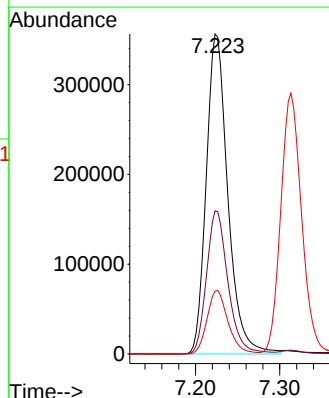
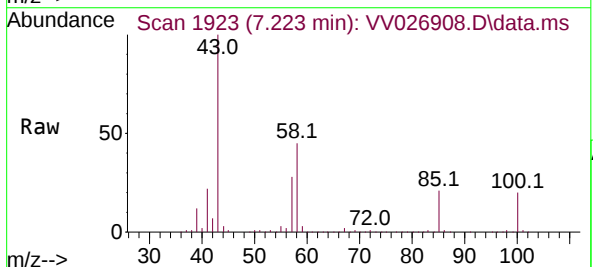
Tgt Ion: 43 Resp: 636178

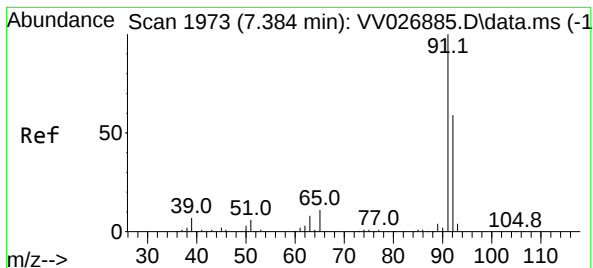
Ion Ratio Lower Upper

43 100

58 44.4 35.0 52.6

100 19.2 15.4 23.0





#42

Toluene

Concen: 52.624 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

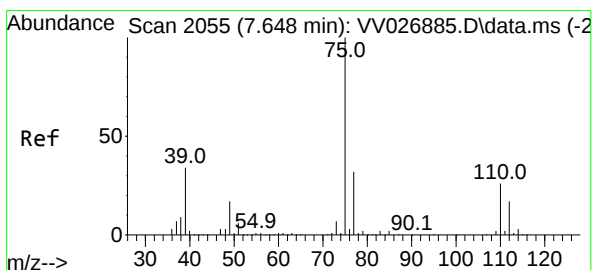
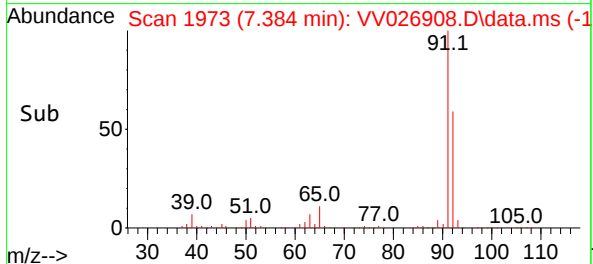
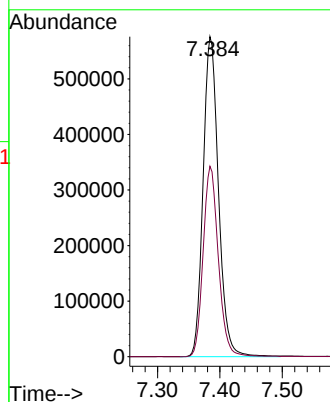
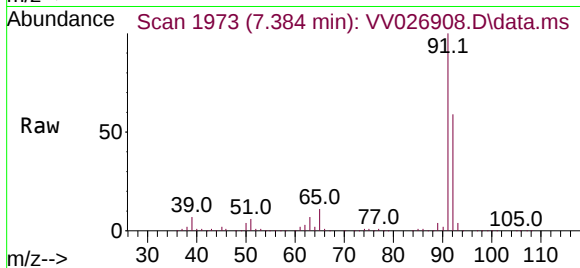
DBUD4MS

Tgt Ion: 91 Resp: 986926

Ion Ratio Lower Upper

91 100

92 59.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 47.444 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV026908.D

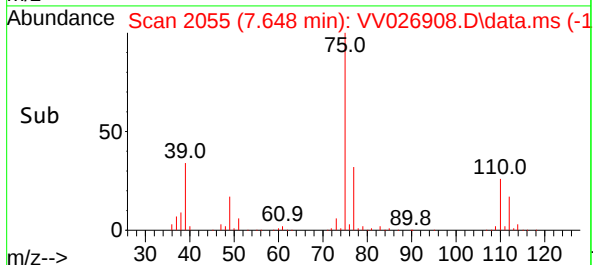
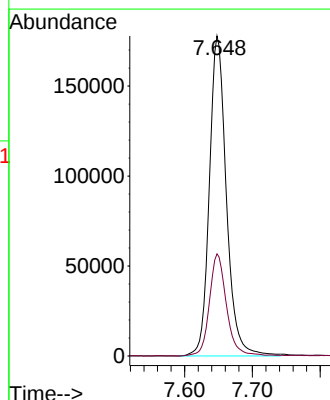
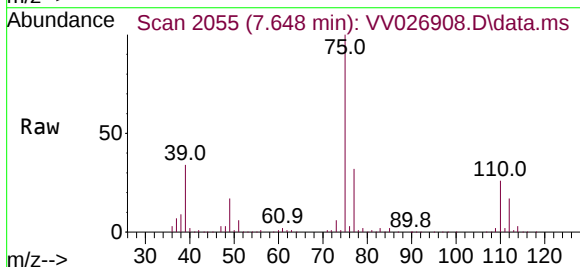
Acq: 22 Jul 2022 23:46

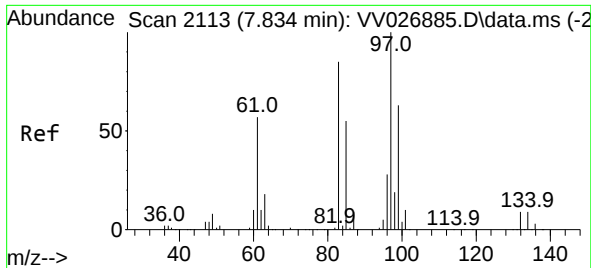
Tgt Ion: 75 Resp: 310513

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 49.266 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MS

Tgt Ion: 97 Resp: 250893

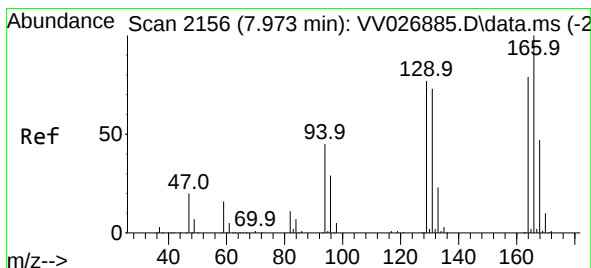
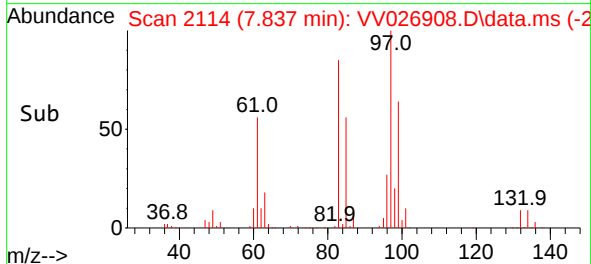
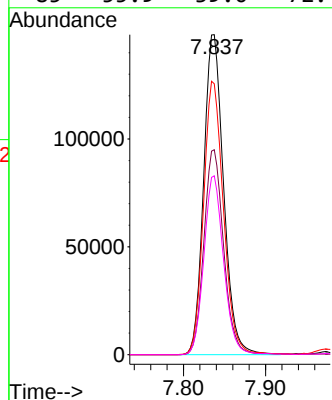
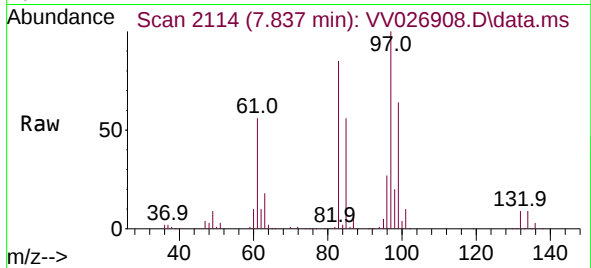
Ion Ratio Lower Upper

97 100

99 64.1 44.0 81.8

83 84.7 59.9 111.3

85 55.9 39.0 72.4



#46

Tetrachloroethene

Concen: 46.838 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Tgt Ion:164 Resp: 172510

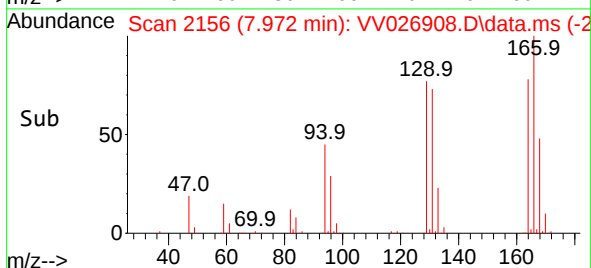
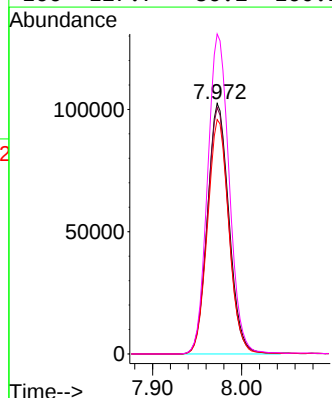
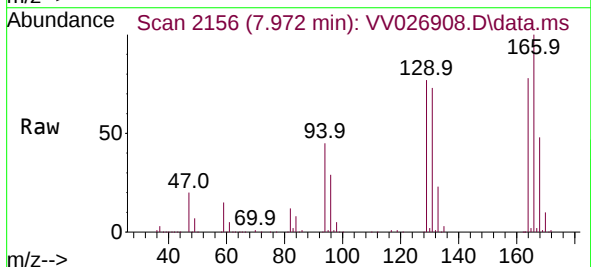
Ion Ratio Lower Upper

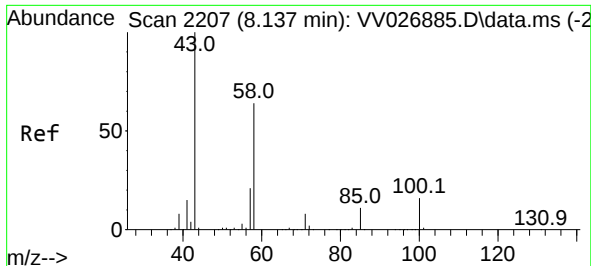
164 100

129 98.3 66.3 123.1

131 93.6 63.1 117.3

166 127.7 86.2 160.2

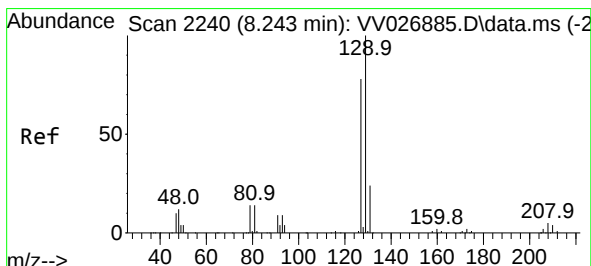
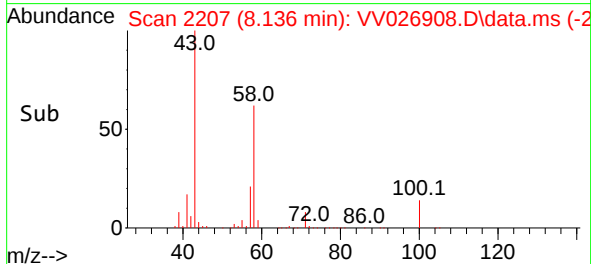
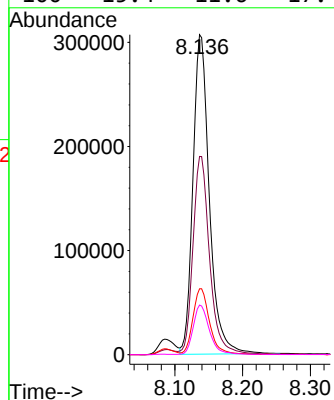
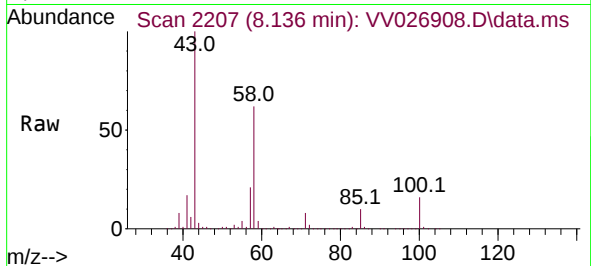




#48
2-Hexanone
Concen: 116.622 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

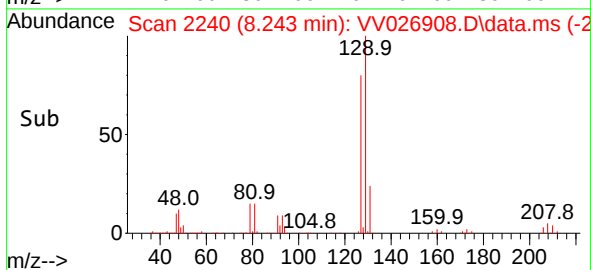
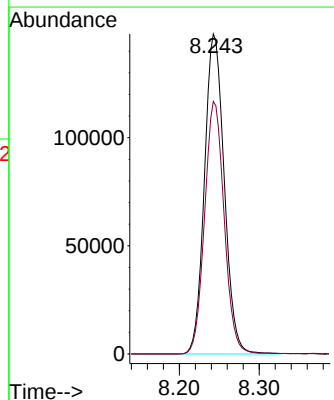
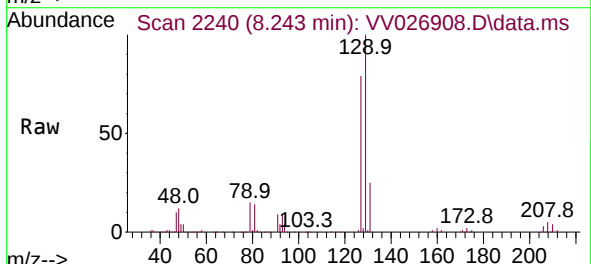
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

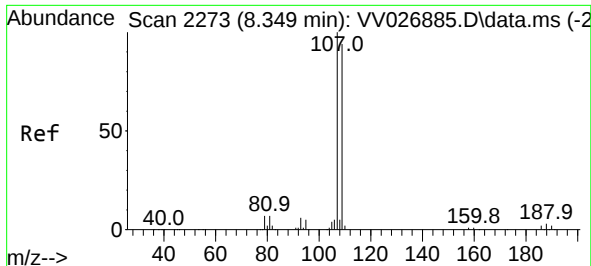
Tgt Ion: 43 Resp: 516543
Ion Ratio Lower Upper
43 100
58 62.1 48.8 73.2
57 20.9 16.6 24.8
100 15.4 11.6 17.4



#49
Dibromochloromethane
Concen: 47.881 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion: 129 Resp: 254861
Ion Ratio Lower Upper
129 100
127 78.9 53.7 99.7





#50

1,2-Dibromoethane

Concen: 49.153 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MS

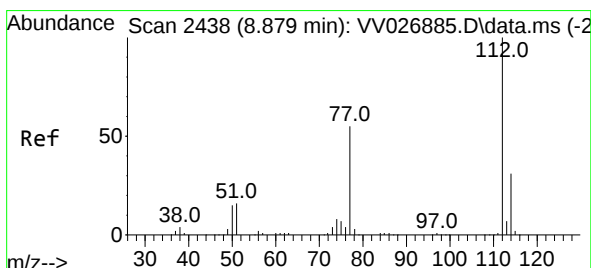
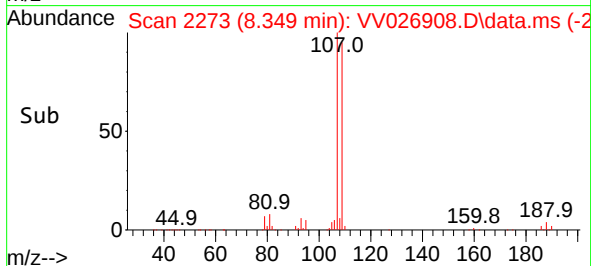
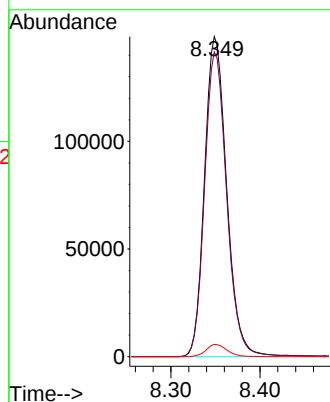
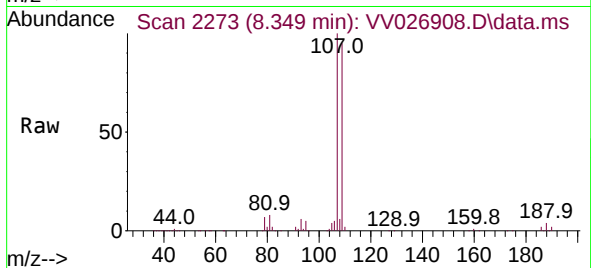
Tgt Ion:107 Resp: 256099

Ion Ratio Lower Upper

107 100

109 95.3 64.9 120.5

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 48.756 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

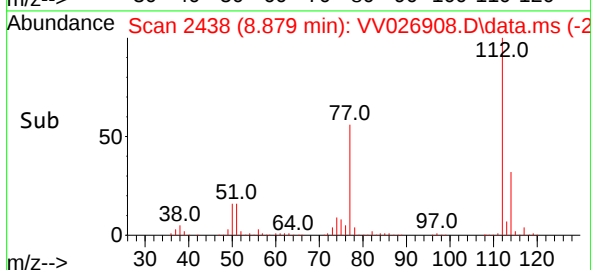
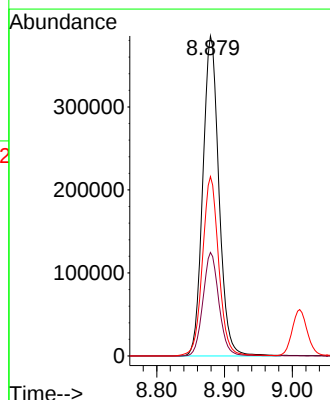
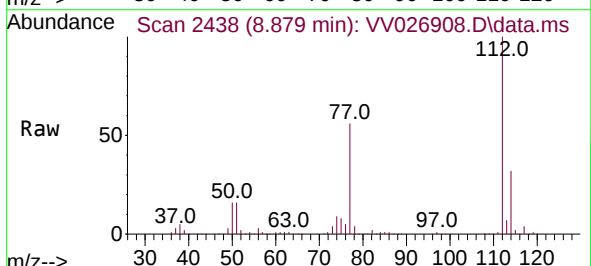
Tgt Ion:112 Resp: 637350

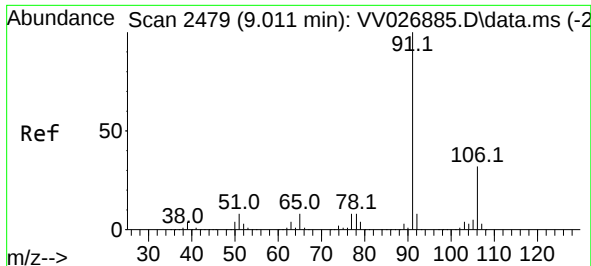
Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.1

77 56.0 44.4 66.6

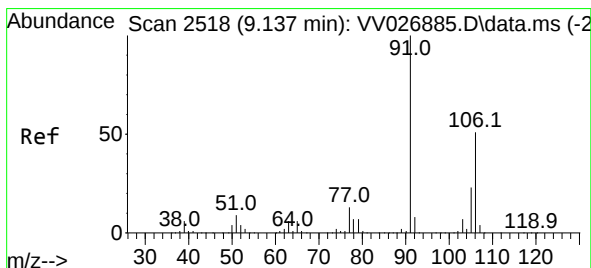
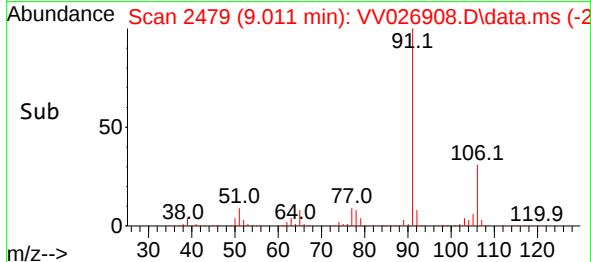
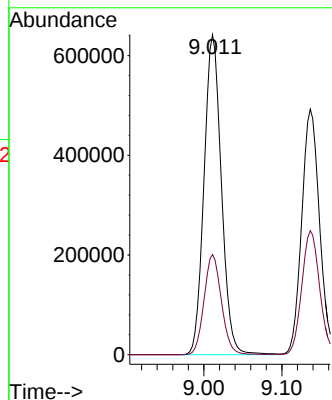
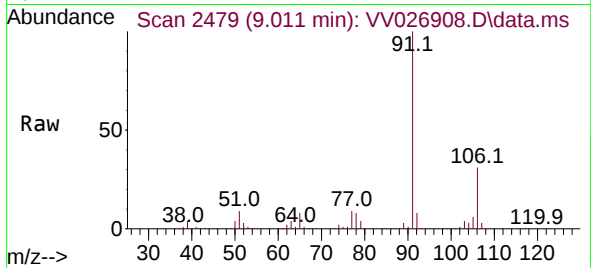




#52
Ethylbenzene
Concen: 51.036 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

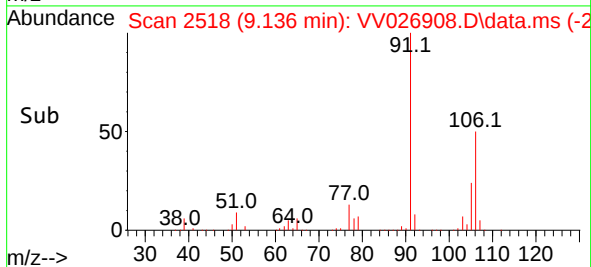
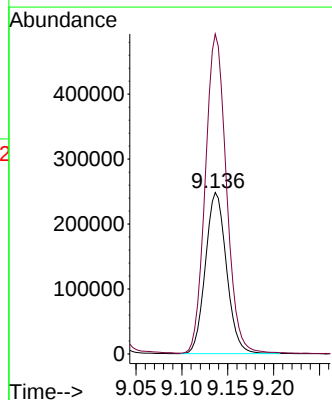
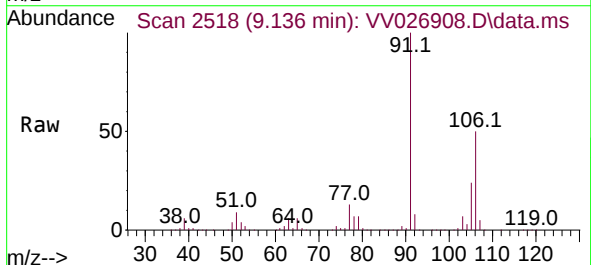
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

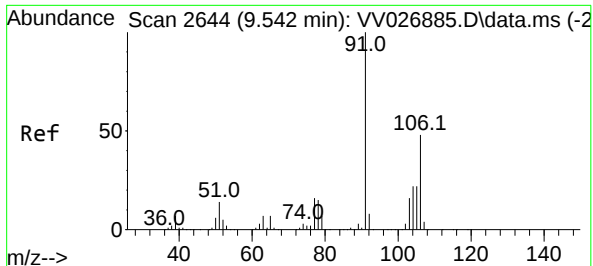
Tgt Ion: 91 Resp: 993510
Ion Ratio Lower Upper
91 100
106 31.3 22.0 40.8



#53
m,p-Xylene
Concen: 52.079 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion: 106 Resp: 396958
Ion Ratio Lower Upper
106 100
91 198.1 140.0 260.0

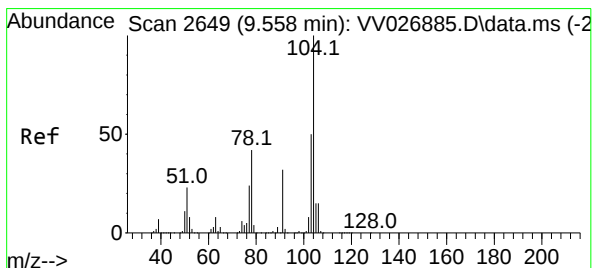
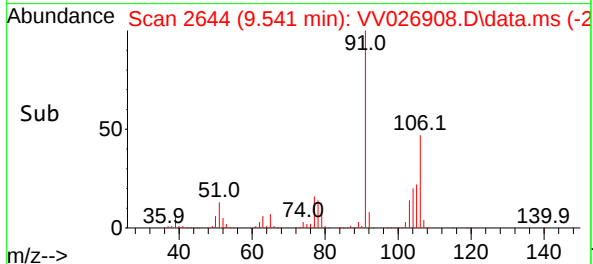
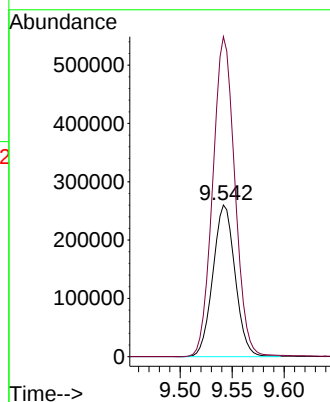
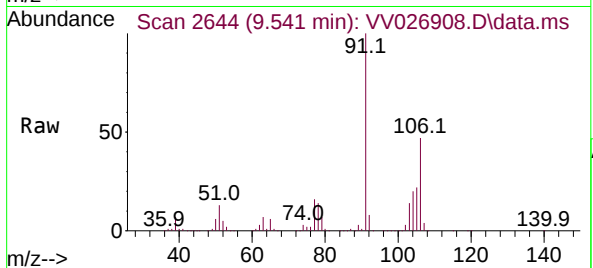




#54
o-Xylene
Concen: 52.669 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

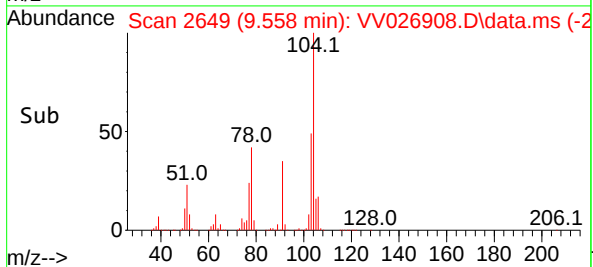
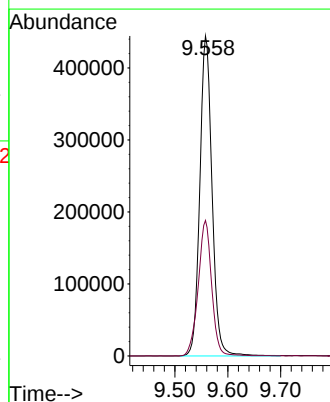
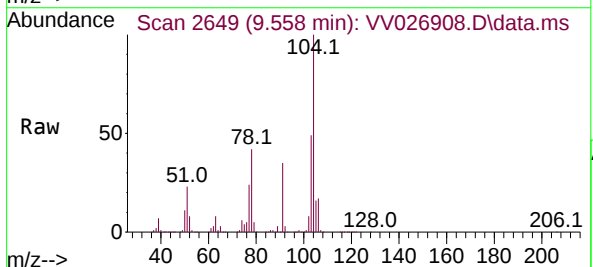
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

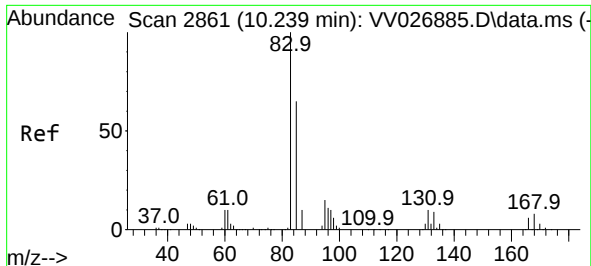
Tgt Ion:106 Resp: 386650
Ion Ratio Lower Upper
106 100
91 210.9 146.1 271.3



#55
Styrene
Concen: 55.055 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion:104 Resp: 713780
Ion Ratio Lower Upper
104 100
78 42.4 29.6 55.0

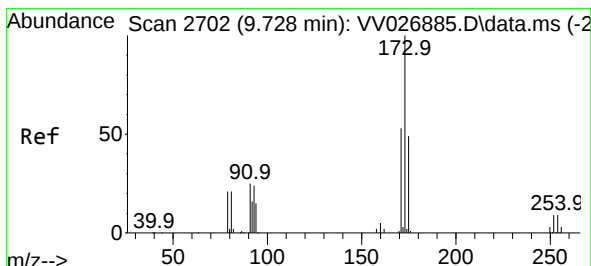
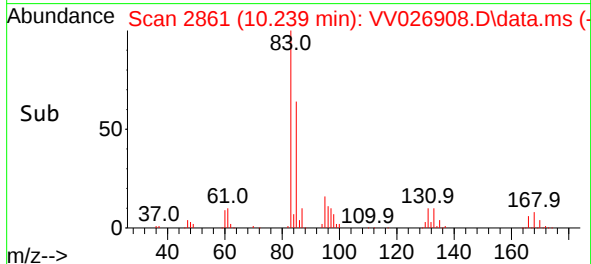
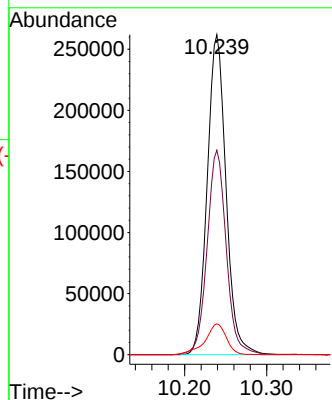
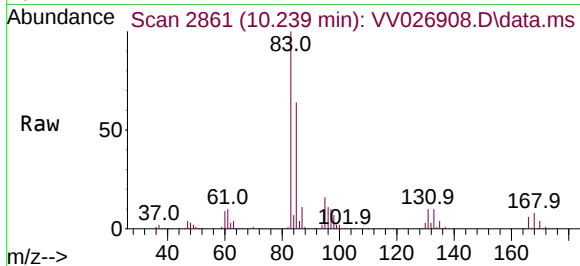




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.753 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

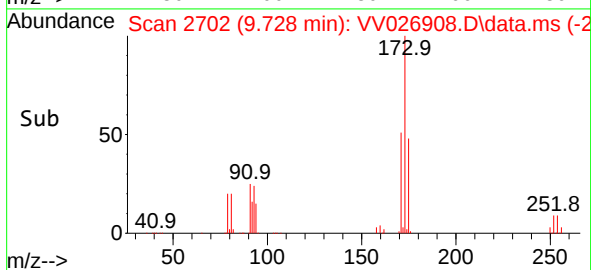
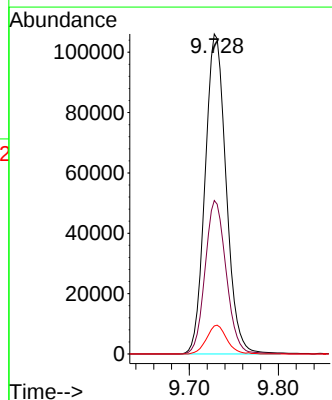
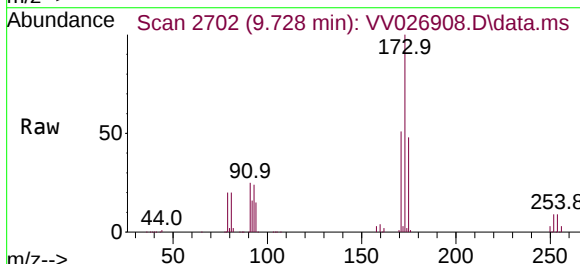
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MS

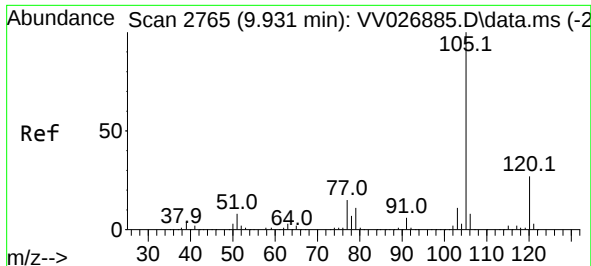
Tgt Ion: 83 Resp: 417214
 Ion Ratio Lower Upper
 83 100
 85 63.9 45.3 84.1
 131 9.7 7.8 11.6



#59
 Bromoform
 Concen: 49.575 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

Tgt Ion: 173 Resp: 173792
 Ion Ratio Lower Upper
 173 100
 175 48.0 38.6 57.8
 254 8.5 6.6 10.0

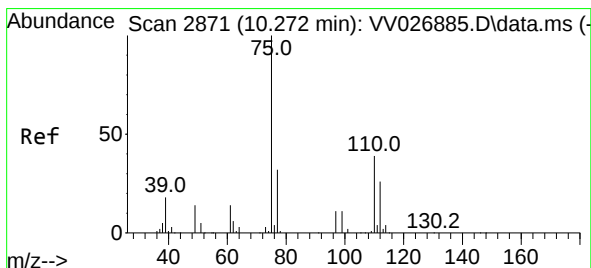
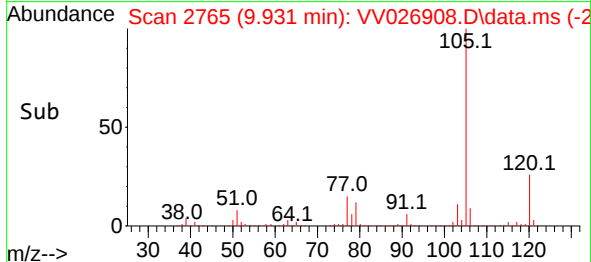
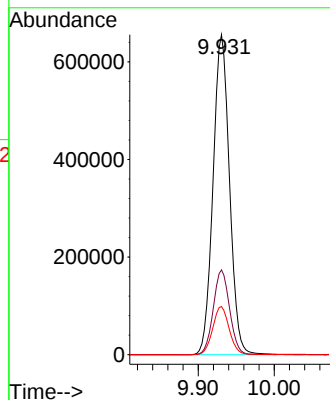
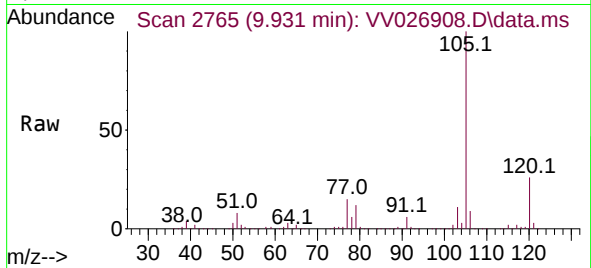




#60
Isopropylbenzene
Concen: 53.051 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

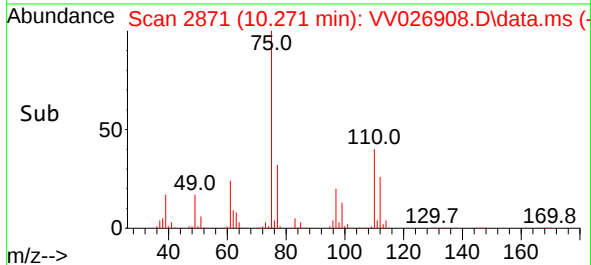
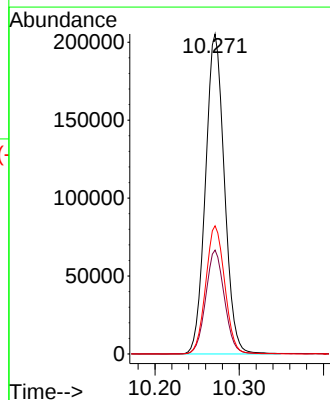
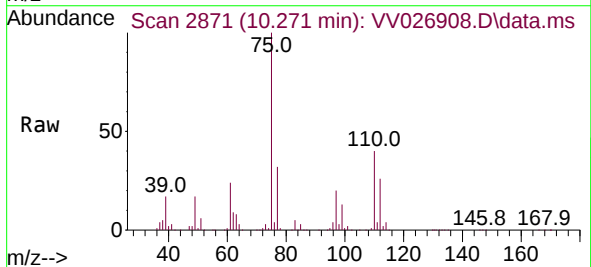
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

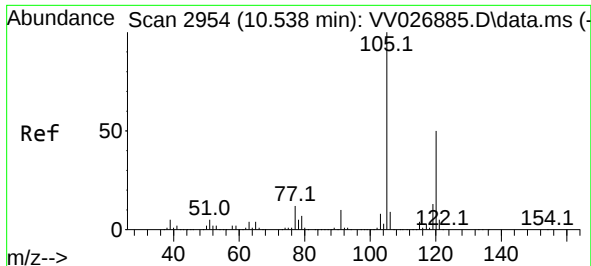
Tgt Ion:105 Resp: 983741
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 15.0 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 50.936 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion: 75 Resp: 320712
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
110 40.3 31.7 47.5

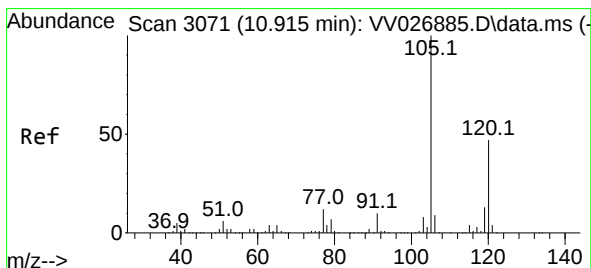
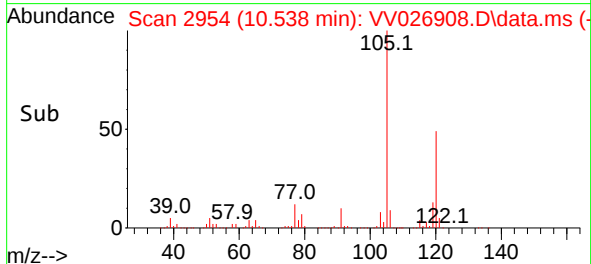
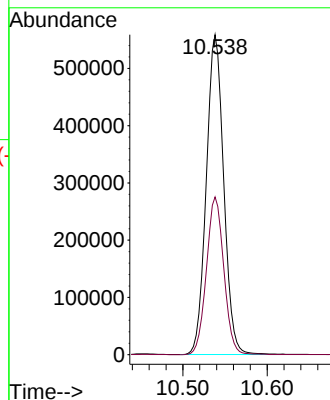
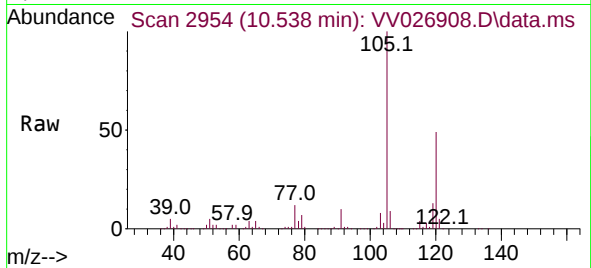




#62
1,3,5-Trimethylbenzene
Concen: 53.498 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

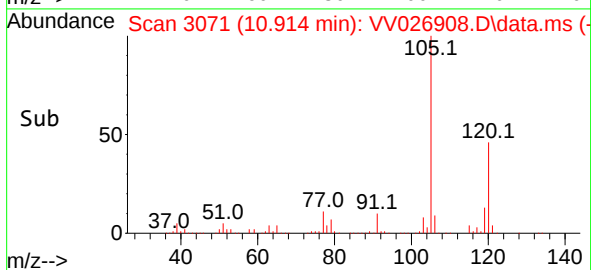
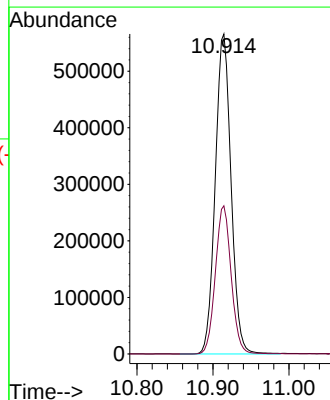
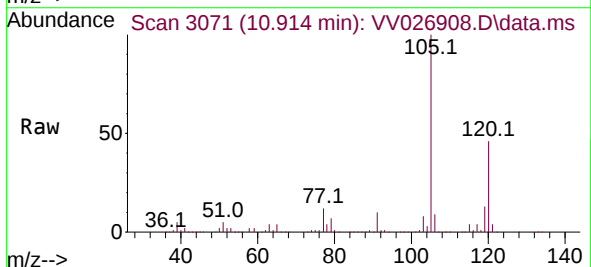
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

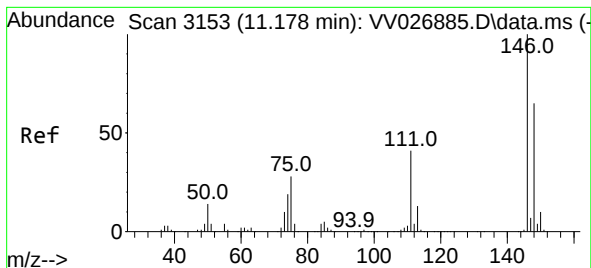
Tgt Ion:105 Resp: 806252
Ion Ratio Lower Upper
105 100
120 49.2 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 54.036 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion:105 Resp: 816844
Ion Ratio Lower Upper
105 100
120 46.2 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 49.328 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MS

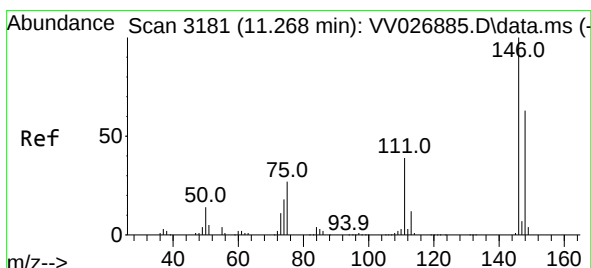
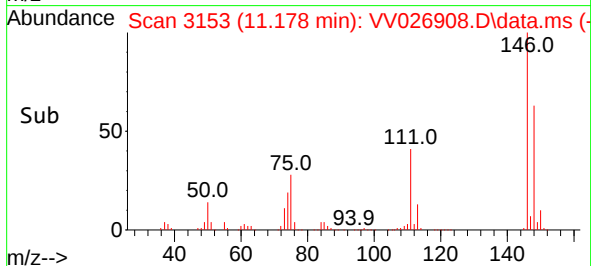
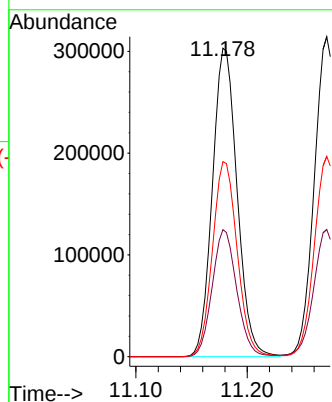
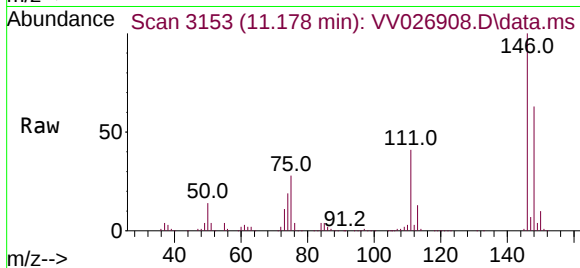
Tgt Ion:146 Resp: 467354

Ion Ratio Lower Upper

146 100

111 41.2 27.9 51.9

148 63.3 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 48.213 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

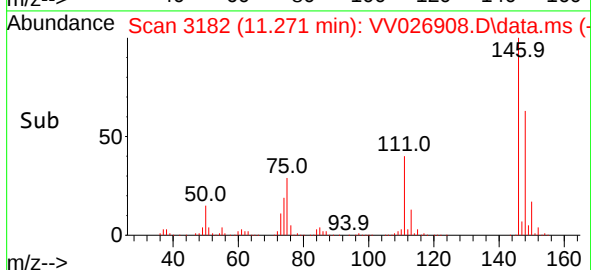
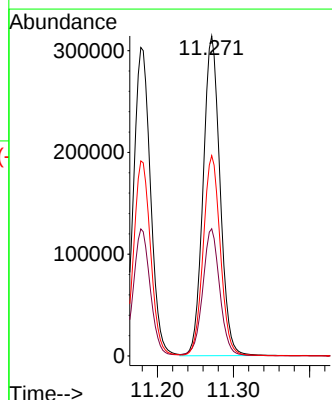
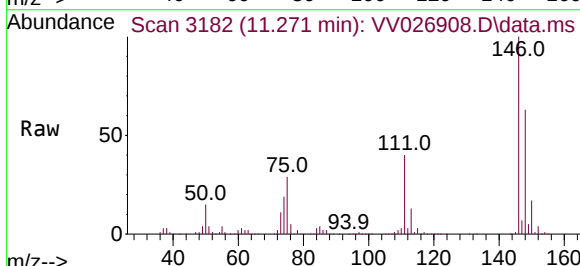
Tgt Ion:146 Resp: 484013

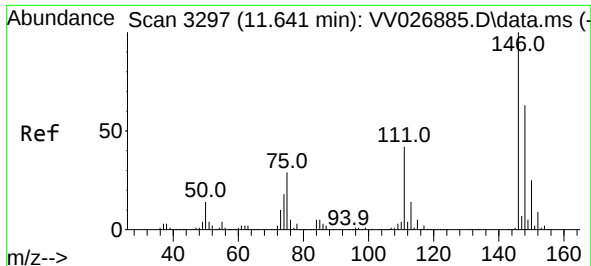
Ion Ratio Lower Upper

146 100

111 39.8 27.4 51.0

148 62.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.423 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MS

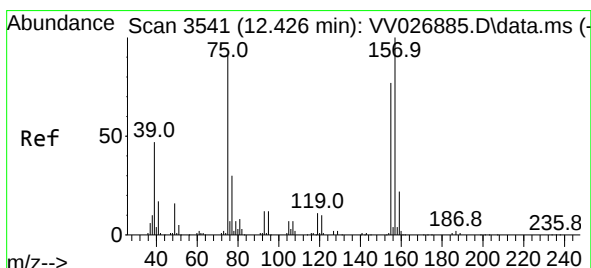
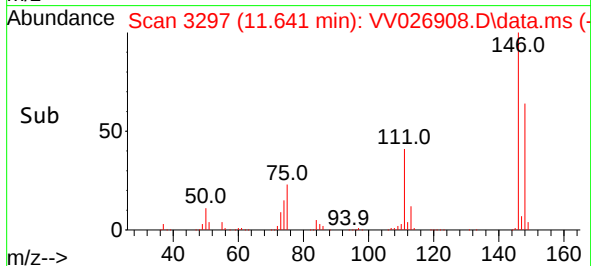
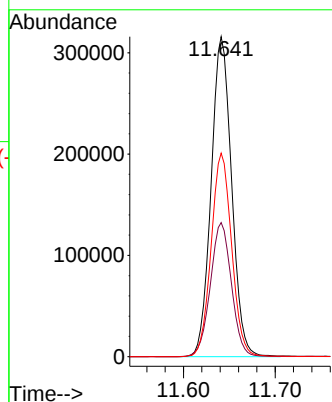
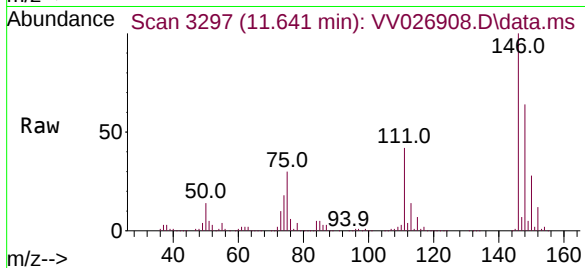
Tgt Ion:146 Resp: 490142

Ion Ratio Lower Upper

146 100

111 41.9 33.2 49.8

148 63.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 50.206 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV026908.D

Acq: 22 Jul 2022 23:46

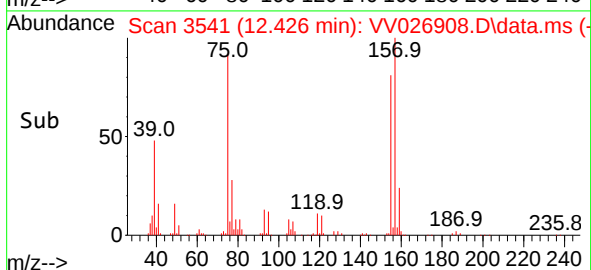
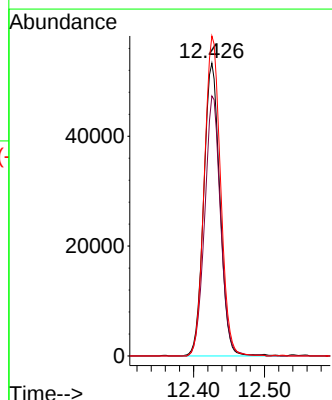
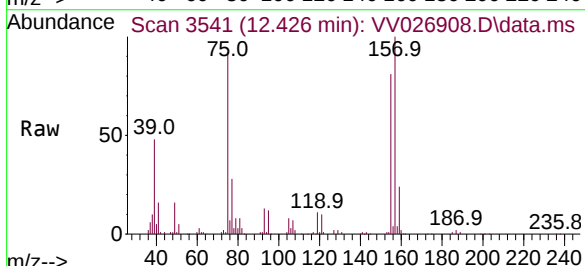
Tgt Ion: 75 Resp: 84456

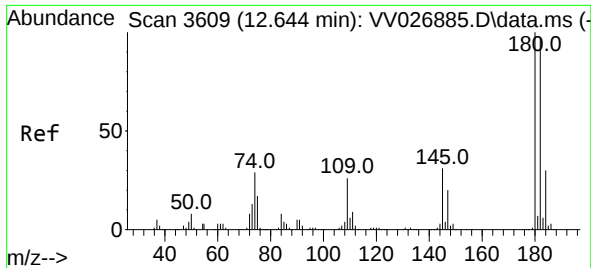
Ion Ratio Lower Upper

75 100

155 88.8 67.7 101.5

157 109.3 87.1 130.7

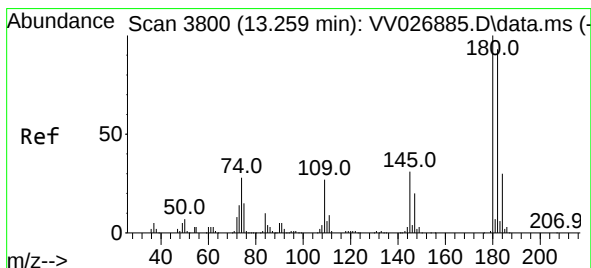
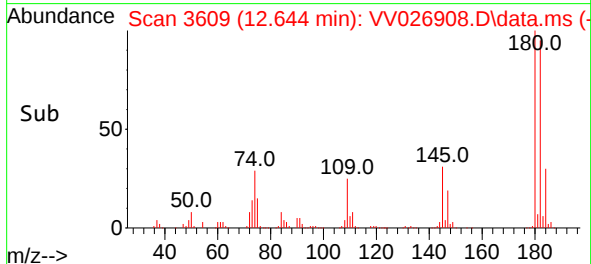
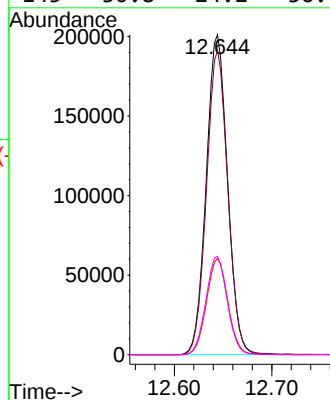
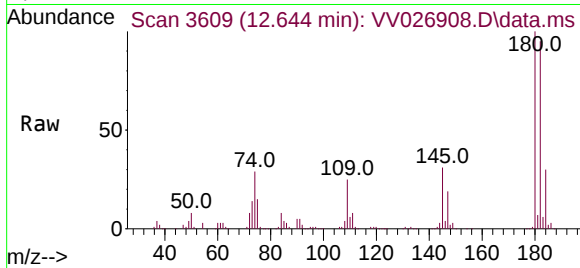




#69
 1,3,5-Trichlorobenzene
 Concen: 45.497 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

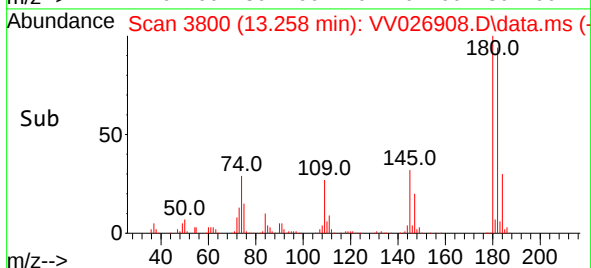
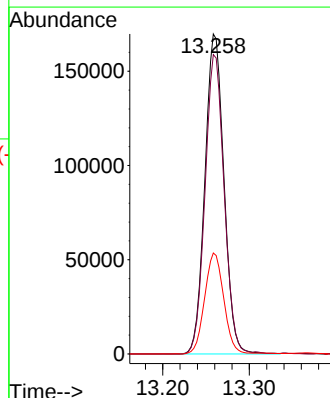
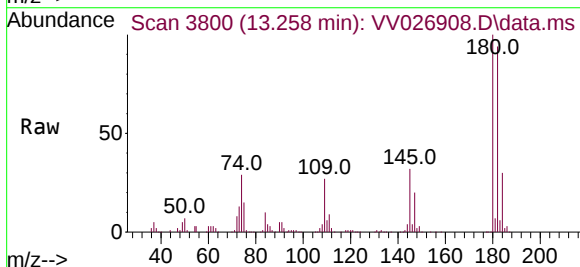
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MS

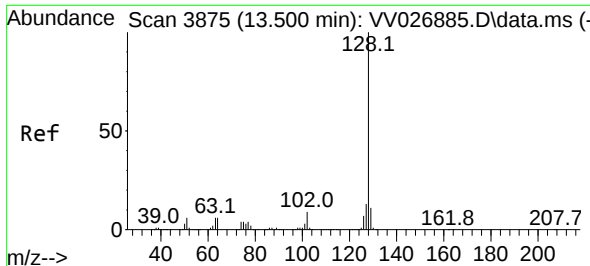
Tgt Ion:180 Resp: 305163
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.6 113.4
 184 30.3 23.8 35.8
 145 30.8 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 45.838 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026908.D
 Acq: 22 Jul 2022 23:46

Tgt Ion:180 Resp: 259041
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.2 114.4
 145 31.7 25.0 37.6

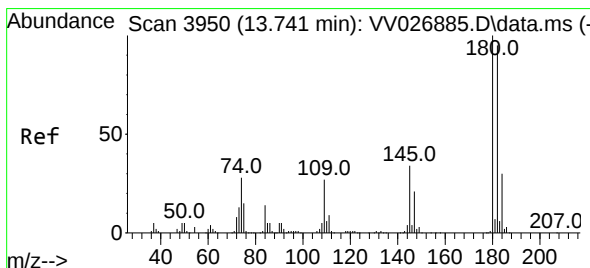
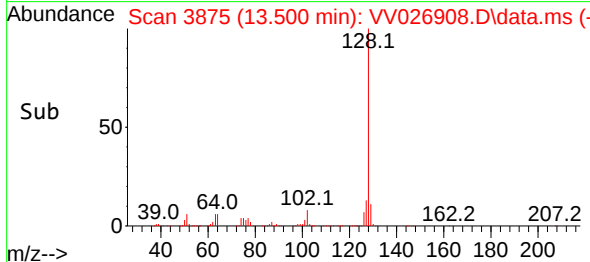
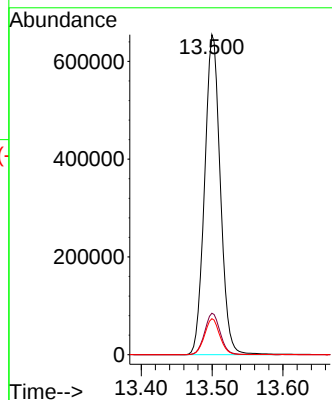
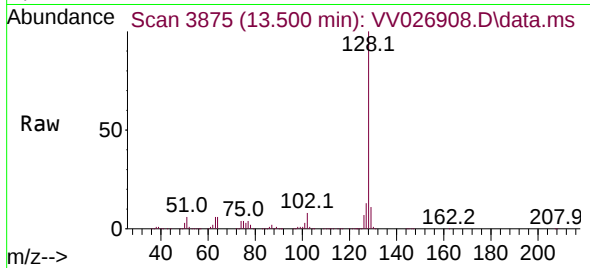




#71
Naphthalene
Concen: 56.701 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Instrument :
MSVOA_V
ClientSampleId :
DBUD4MS

Tgt Ion:128 Resp: 1007650
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 50.082 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026908.D
Acq: 22 Jul 2022 23:46

Tgt Ion:180 Resp: 295232
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.2
145 34.3 26.6 40.0

