

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
 Data File : VV032976.D
 Acq On : 17 Nov 2023 00:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 00:48:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:44:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	162129	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	160310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	81049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69934	5.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.532	69	66302	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.056	65	28989	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.793	46	90845	49.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.820%
24) Chloroform-d	4.246	84	129599	5.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	4.940	65	55157	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.956	84	232026	5.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	5.985	67	65746	5.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.243	98	214242	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	7.554	79	24344	5.220	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.400%
46) 2-Hexanone-d5	8.024	63	80022	50.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	44508	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	71106	5.042	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	81304	4.586	ug/L	97
3) Chloromethane	1.214	50	91081	5.165	ug/L	98
5) Vinyl chloride	1.281	62	84599	5.053	ug/L	100
6) Bromomethane	1.487	94	64298	5.387	ug/L	95
8) Chloroethane	1.548	64	60694	4.831	ug/L	100
9) Trichlorofluoromethane	1.712	101	121243	4.666	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	64174	4.356	ug/L	99
12) 1,1-Dichloroethene	2.069	96	67209	4.912	ug/L	91
13) Acetone	2.121	43	75749	44.360	ug/L	99
14) Carbon disulfide	2.240	76	194443	4.917	ug/L	98
15) Methyl Acetate	2.378	43	16916	4.465	ug/L	# 84
16) Methylene chloride	2.445	84	73125	4.513	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	117671	5.152	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	66496	5.111	ug/L	98
19) 1,1-Dichloroethane	3.108	63	119924	5.204	ug/L	94
21) 2-Butanone	3.873	43	91391	44.125	ug/L	94
22) cis-1,2-Dichloroethene	3.812	96	71859	5.400	ug/L	98
23) Bromochloromethane	4.143	128	32911	5.390	ug/L	97
25) Chloroform	4.275	83	131699	5.179	ug/L	97

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 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 00:48:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:44:03 2023
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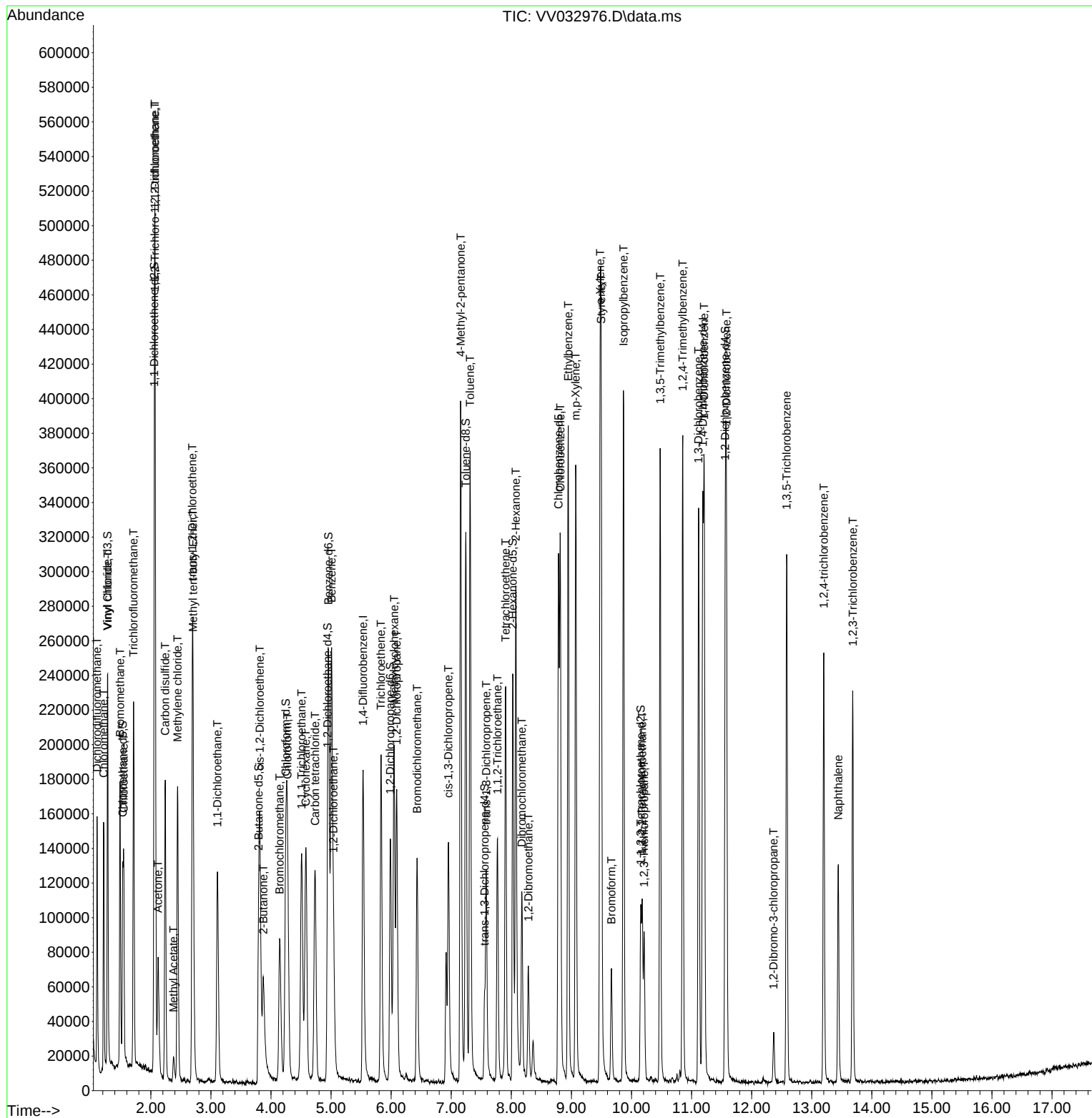
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	71949	5.319	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	110742	5.003	ug/L	99
30) Cyclohexane	4.577	56	67368	4.364	ug/L	98
31) Carbon tetrachloride	4.731	117	92782	4.841	ug/L	100
33) Benzene	5.008	78	259107	5.476	ug/L	100
34) Trichloroethene	5.831	95	67268	5.166	ug/L	98
35) Methylcyclohexane	6.050	83	74264	4.305	ug/L	95
37) 1,2-Dichloropropane	6.091	63	60045	5.104	ug/L	99
38) Bromodichloromethane	6.432	83	86038	5.301	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	79743	4.942	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	247280	53.272	ug/L	99
42) Toluene	7.313	91	266305	5.174	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	69288	5.340	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	45622	5.387	ug/L	96
47) Tetrachloroethene	7.905	164	50370	4.593	ug/L	99
48) 2-Hexanone	8.075	43	172777	50.409	ug/L	98
49) Dibromochloromethane	8.175	129	54310	5.349	ug/L	94
50) 1,2-Dibromoethane	8.284	107	42123	5.202	ug/L	99
51) Chlorobenzene	8.815	112	171079	4.950	ug/L	98
52) Ethylbenzene	8.947	91	259245	4.847	ug/L	99
53) m,p-Xylene	9.072	106	101645	4.916	ug/L	98
54) o-Xylene	9.477	106	96693	4.894	ug/L	97
55) Styrene	9.496	104	171047	5.034	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	46827	4.958	ug/L	97
59) Bromoform	9.667	173	28246	5.524	ug/L	98
60) Isopropylbenzene	9.866	105	247760	4.934	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	31854	5.381	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	190473	4.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	196793	4.962	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	134478	5.044	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	134208	4.930	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	121505	5.103	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	6904	4.866	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	91414	4.618	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	72353	4.507	ug/L	98
71) Naphthalene	13.442	128	102070	4.568	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	65004	4.650	ug/L	99

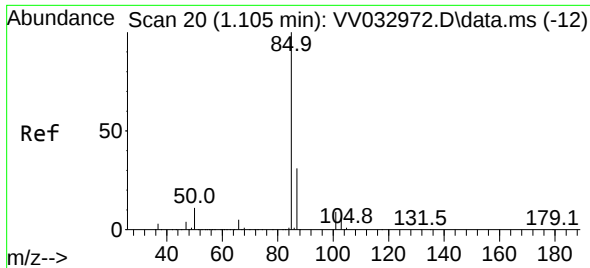
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 00:48:59 2023
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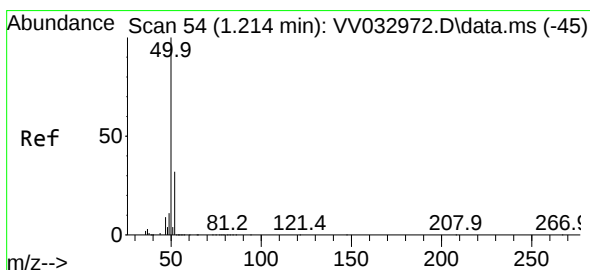
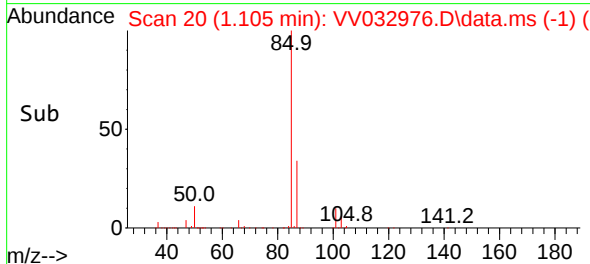
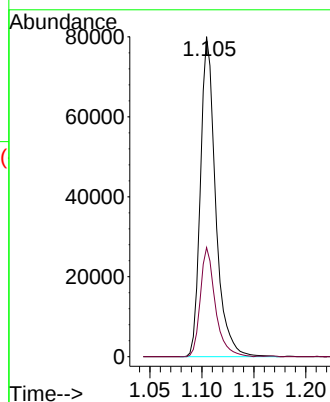
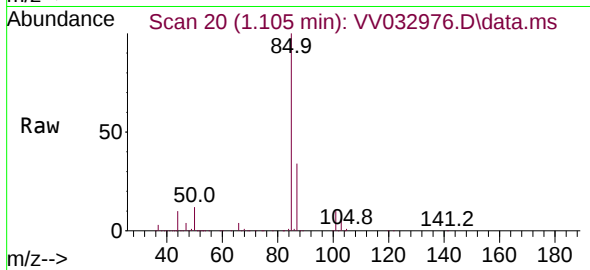




#2
 Dichlorodifluoromethane
 Concen: 4.586 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032976.D
 Acq: 17 Nov 2023 00:09

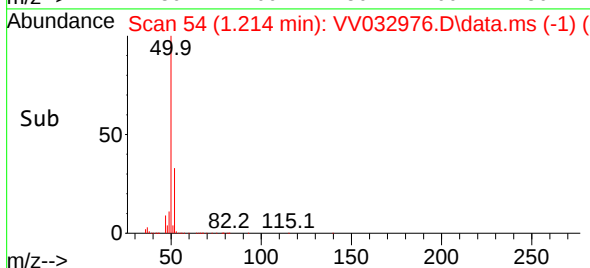
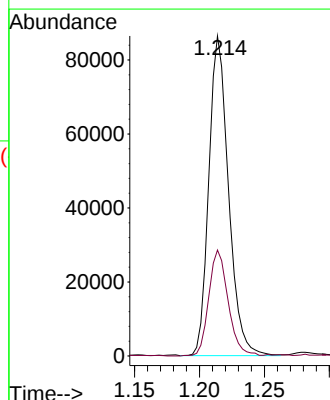
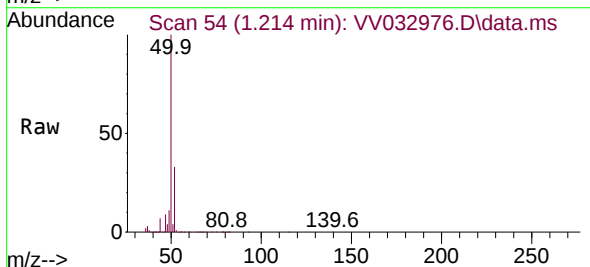
Instrument :
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 ClientSampleId :

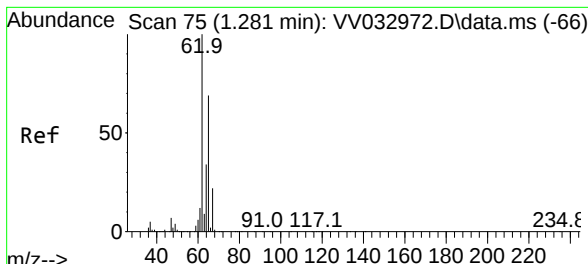
Tgt Ion: 85 Resp: 81304
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.4 38.2



#3
 Chloromethane
 Concen: 5.165 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV032976.D
 Acq: 17 Nov 2023 00:09

Tgt Ion: 50 Resp: 91081
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.3 41.3

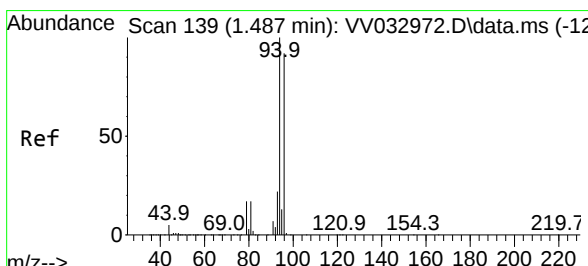
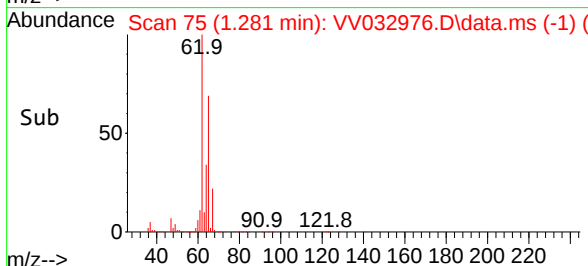
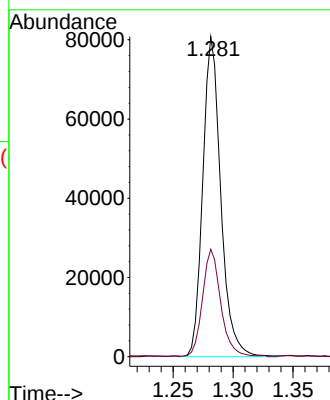
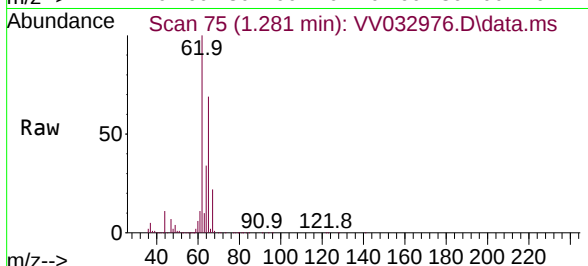




#5
 Vinyl chloride
 Concen: 5.053 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV032976.D
 Acq: 17 Nov 2023 00:09

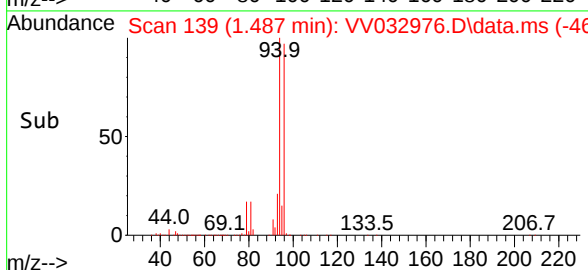
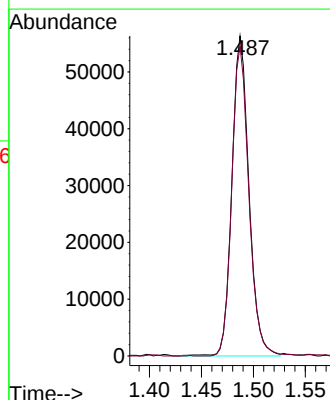
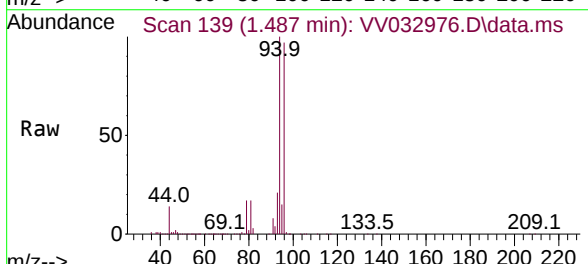
Instrument :
 MSVOA_V
 ClientSampleId :

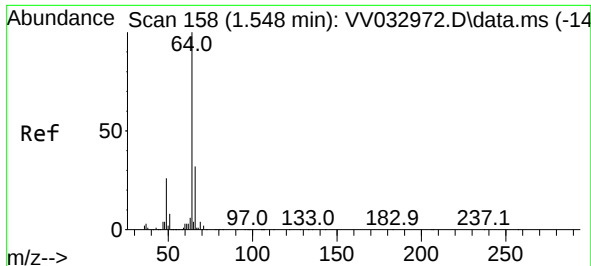
Tgt Ion: 62 Resp: 84599
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.7 43.9



#6
 Bromomethane
 Concen: 5.387 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032976.D
 Acq: 17 Nov 2023 00:09

Tgt Ion: 94 Resp: 64298
 Ion Ratio Lower Upper
 94 100
 96 96.8 64.3 119.3

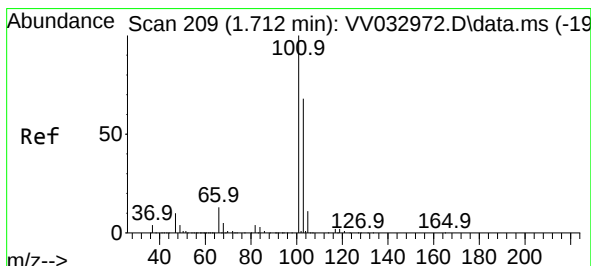
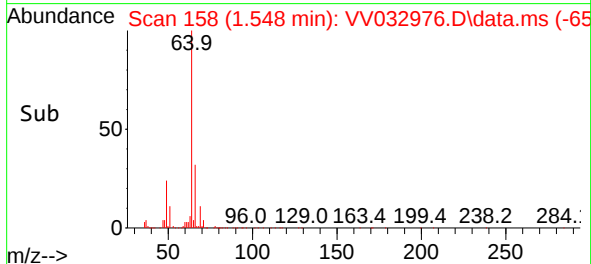
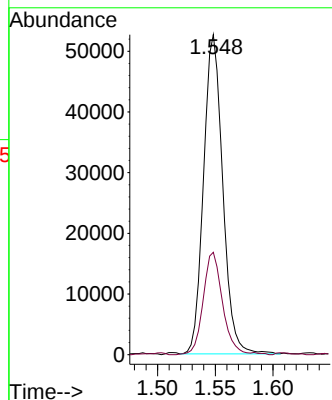
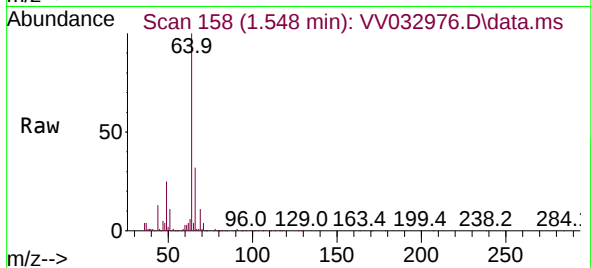




#8
Chloroethane
Concen: 4.831 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

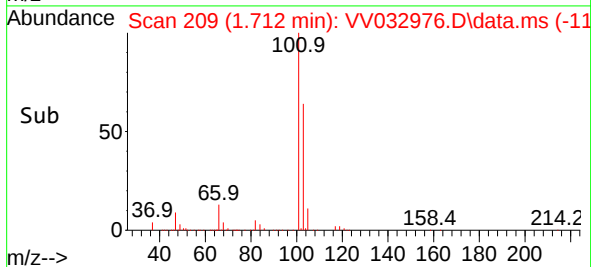
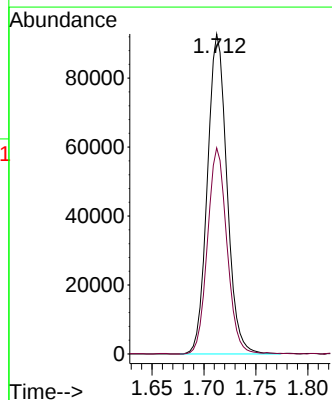
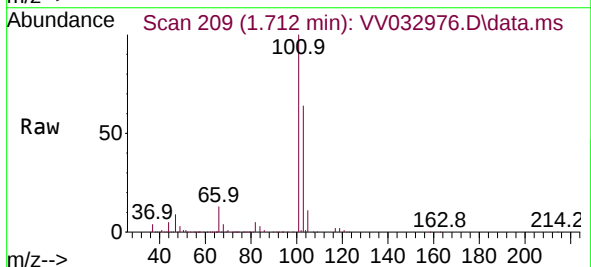
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MSVOA_V
ClientSampleId :

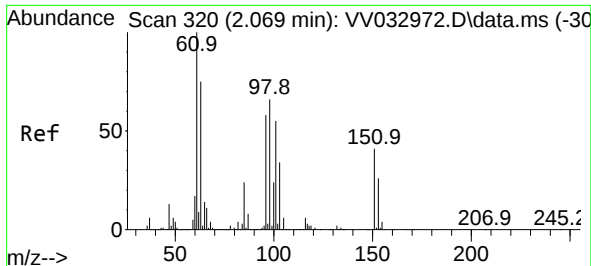
Tgt Ion: 64 Resp: 60694
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.666 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion:101 Resp: 121243
Ion Ratio Lower Upper
101 100
103 63.9 53.0 79.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.356 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

ClientSampleId :

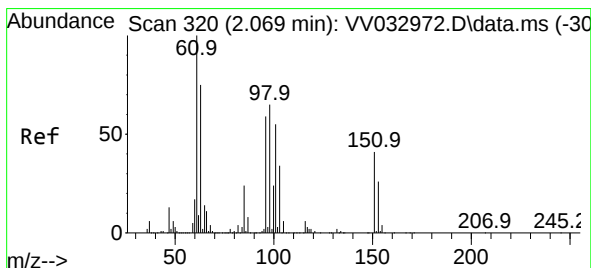
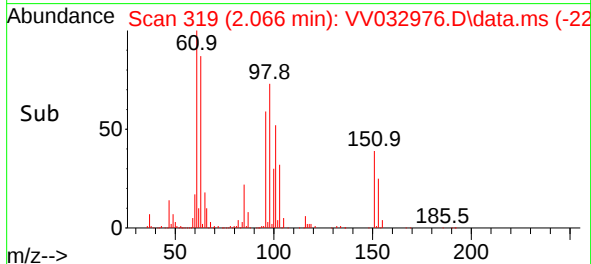
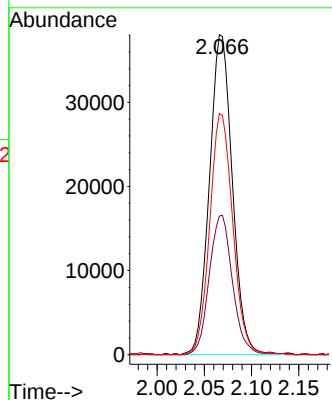
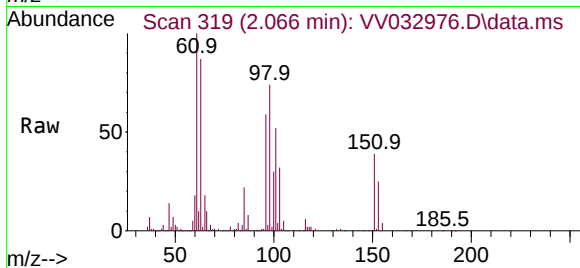
Tgt Ion:101 Resp: 64174

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

151 75.9 59.5 89.3



#12

1,1-Dichloroethene

Concen: 4.912 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

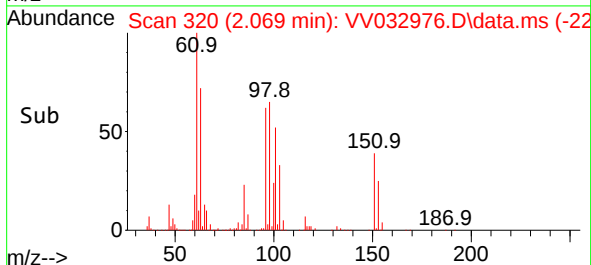
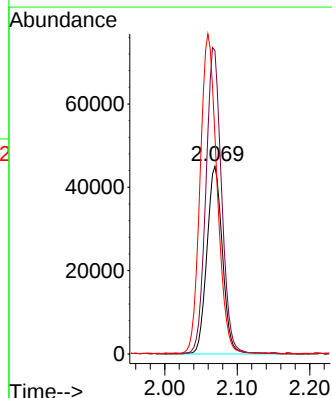
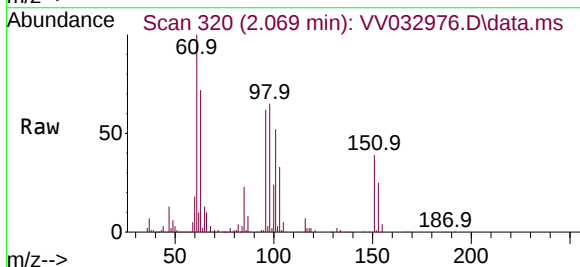
Tgt Ion: 96 Resp: 67209

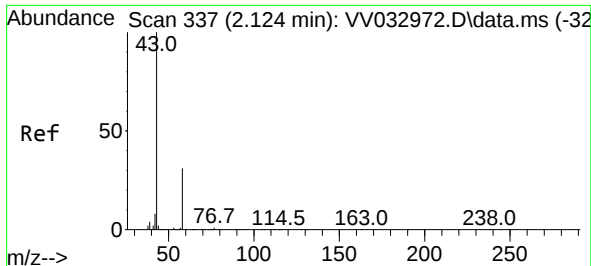
Ion Ratio Lower Upper

96 100

61 161.7 119.8 222.6

63 116.8 90.5 168.1





#13

Acetone

Concen: 44.360 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

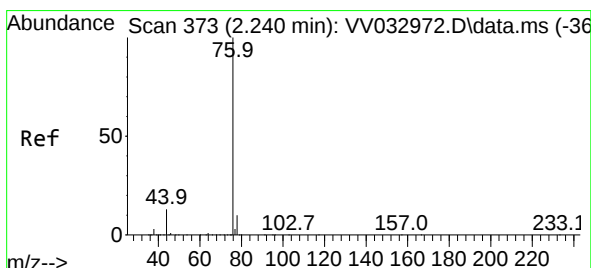
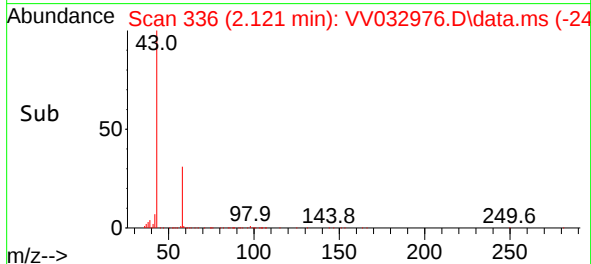
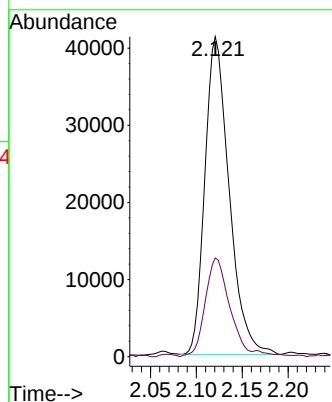
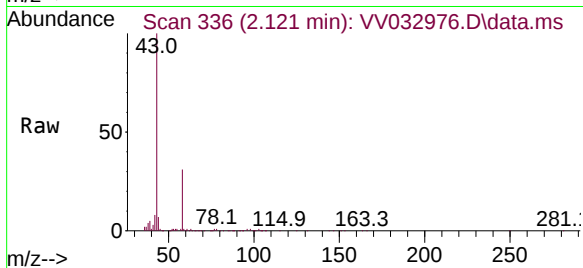
ClientSampleId :

Tgt Ion: 43 Resp: 75749

Ion Ratio Lower Upper

43 100

58 31.0 0.0 63.6



#14

Carbon disulfide

Concen: 4.917 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032976.D

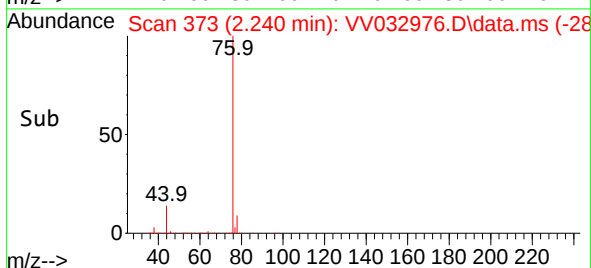
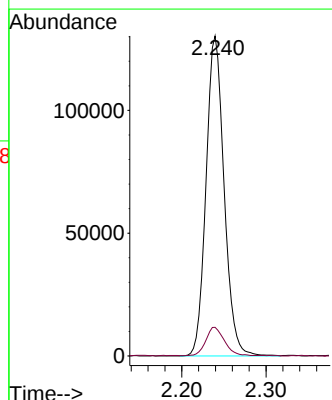
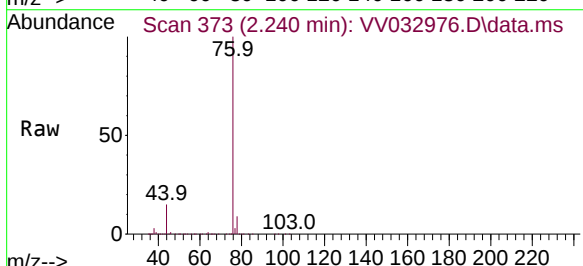
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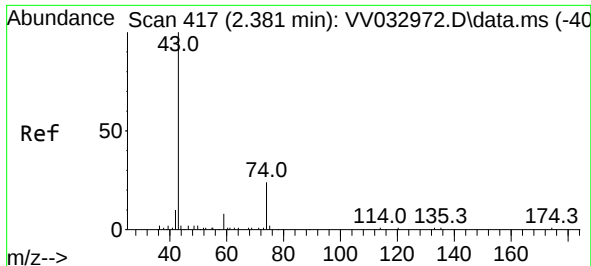
Tgt Ion: 76 Resp: 194443

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

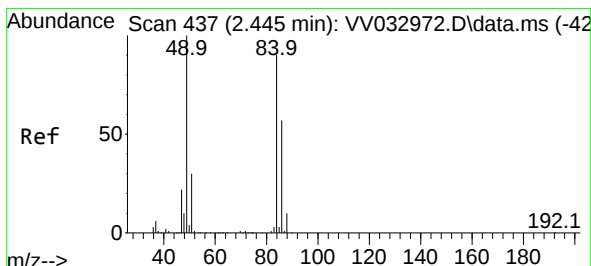
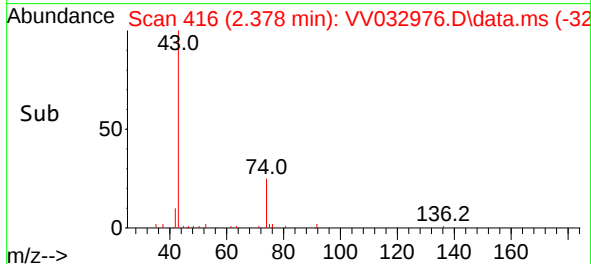
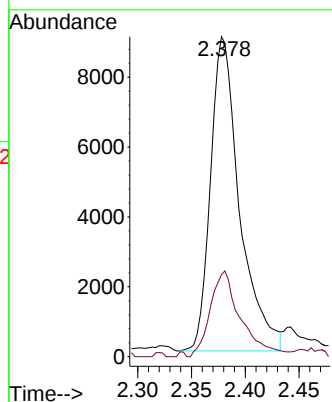
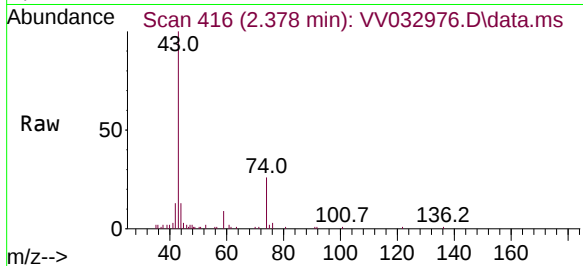




#15
Methyl Acetate
Concen: 4.465 ug/L
RT: 2.378 min Scan# 417
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

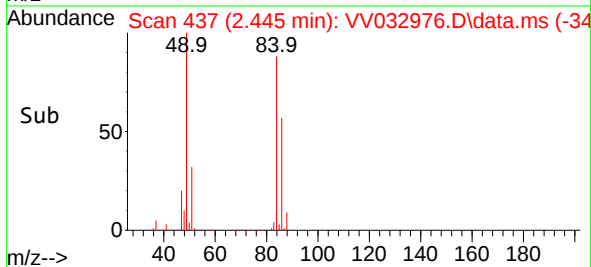
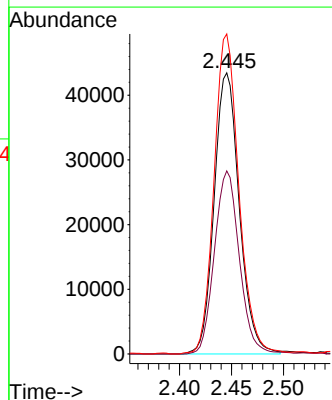
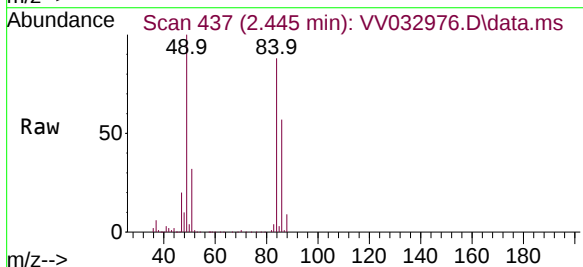
Instrument :
MSVOA_V
ClientSampleId :

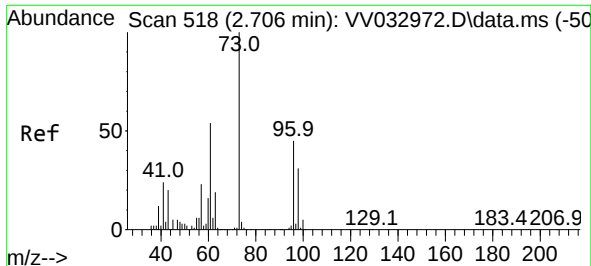
Tgt Ion: 43 Resp: 16916
Ion Ratio Lower Upper
43 100
74 28.8 16.9 25.3#



#16
Methylene chloride
Concen: 4.513 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion: 84 Resp: 73125
Ion Ratio Lower Upper
84 100
86 65.1 44.7 83.1
49 113.8 78.3 145.5





#17

Methyl tert-butyl Ether

Concen: 5.152 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

ClientSampleId :

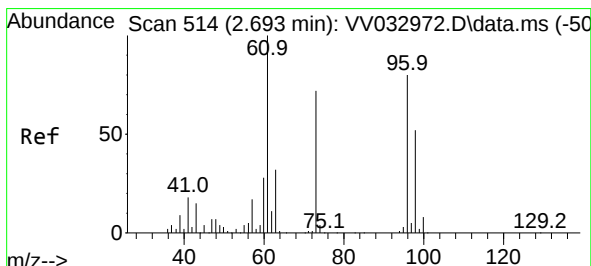
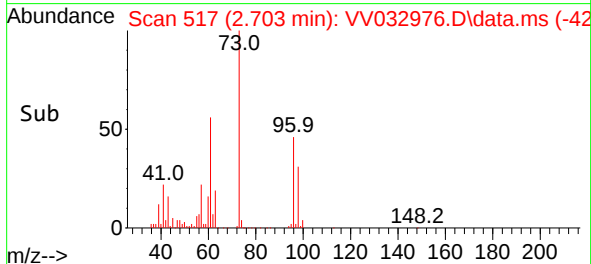
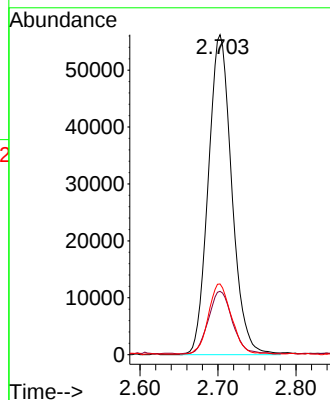
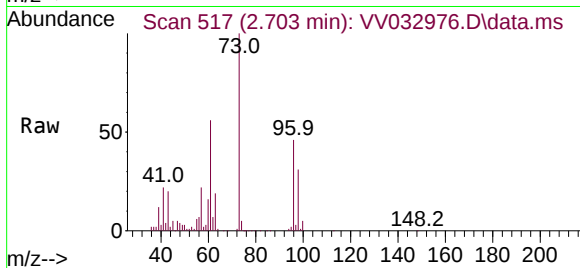
Tgt Ion: 73 Resp: 117671

Ion Ratio Lower Upper

73 100

43 19.9 17.3 25.9

57 21.4 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 5.111 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

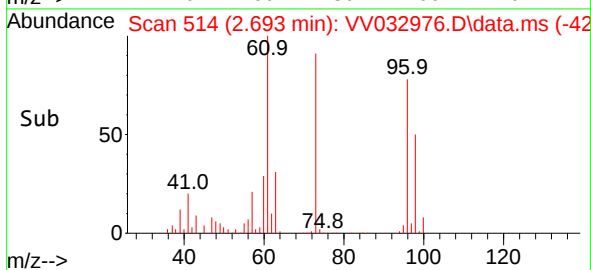
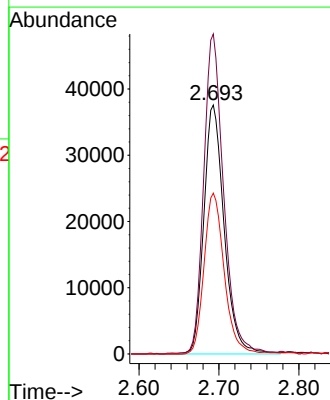
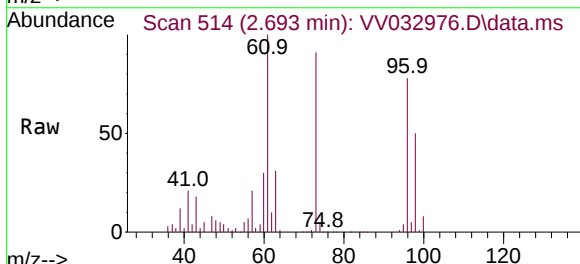
Tgt Ion: 96 Resp: 66496

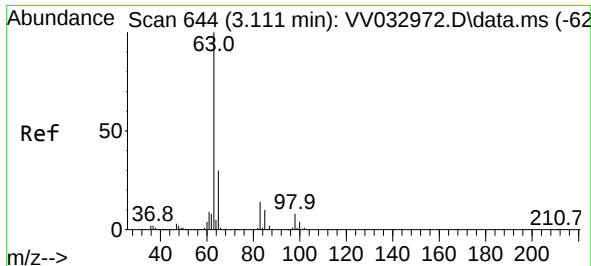
Ion Ratio Lower Upper

96 100

61 128.5 88.2 163.8

98 64.6 45.4 84.4

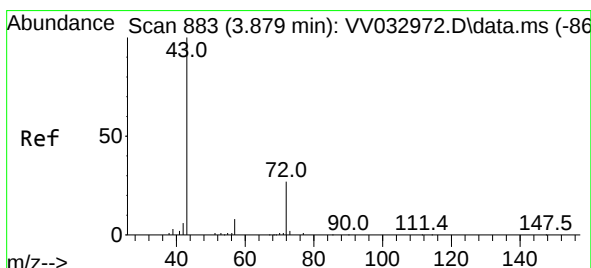
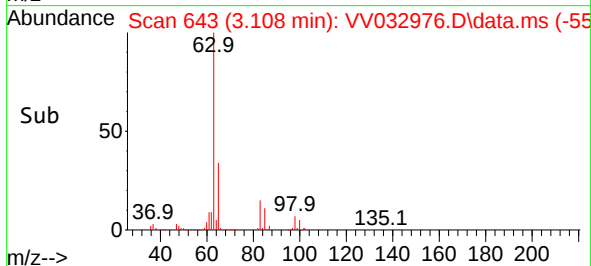
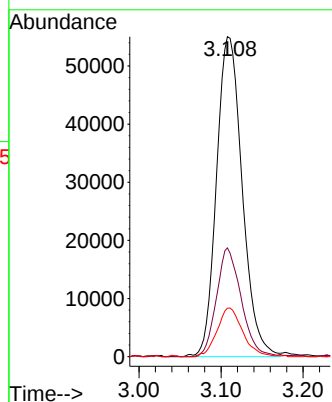
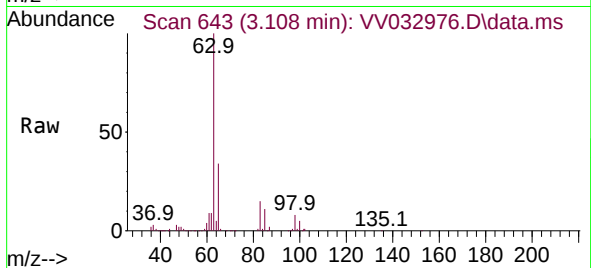




#19
1,1-Dichloroethane
Concen: 5.204 ug/L
RT: 3.108 min Scan# 644
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

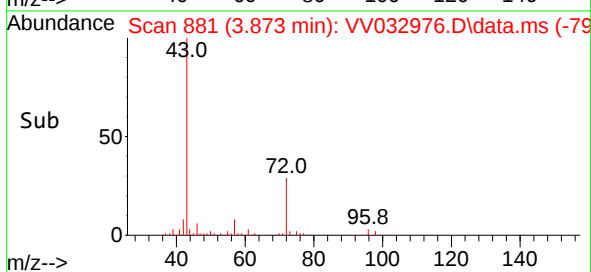
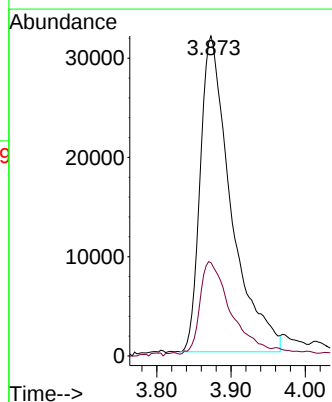
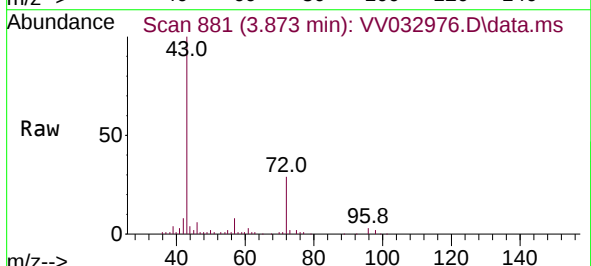
Instrument :
MSVOA_V
ClientSampleId :

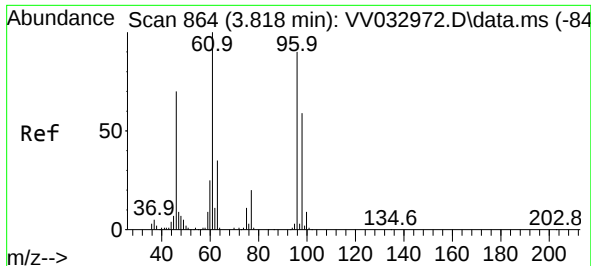
Tgt Ion: 63 Resp: 119924
Ion Ratio Lower Upper
63 100
65 34.0 21.0 39.0
83 15.2 10.0 18.6



#21
2-Butanone
Concen: 44.125 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.006 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

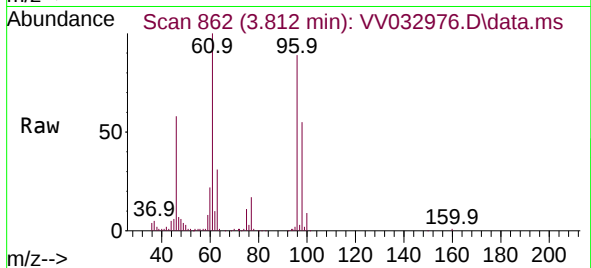
Tgt Ion: 43 Resp: 91391
Ion Ratio Lower Upper
43 100
72 29.5 13.4 40.1





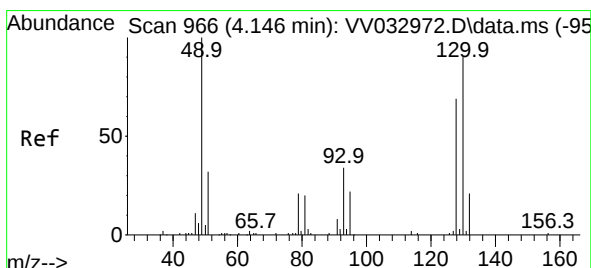
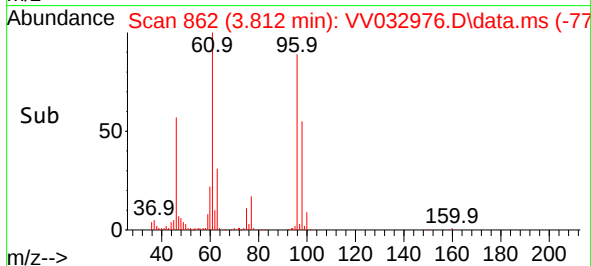
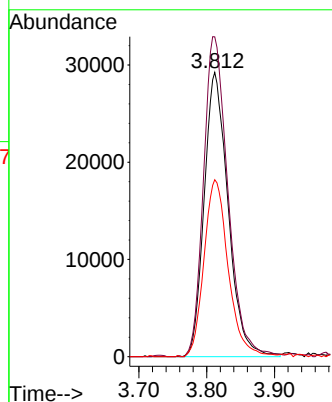
#22
 cis-1,2-Dichloroethene
 Concen: 5.400 ug/L
 RT: 3.812 min Scan# 864
 Delta R.T. -0.006 min
 Lab File: VV032976.D
 Acq: 17 Nov 2023 00:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 71859

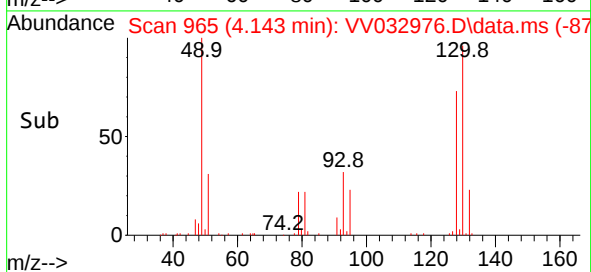
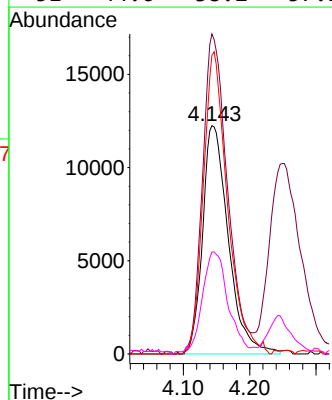
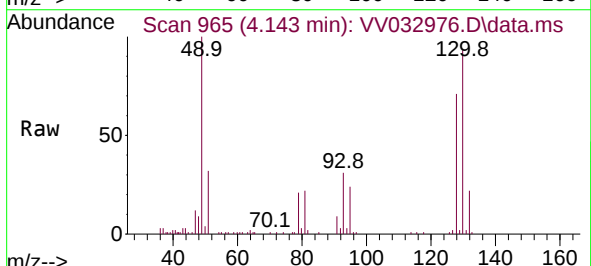
Ion	Ratio	Lower	Upper
96	100		
61	112.5	77.8	144.6
98	62.2	45.4	84.4

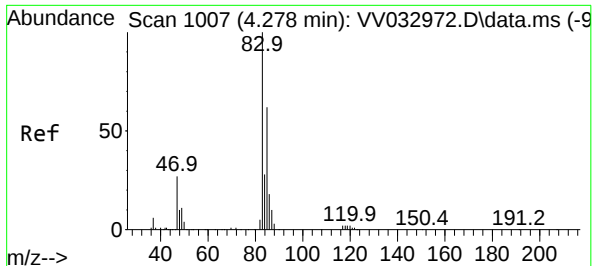


#23
 Bromochloromethane
 Concen: 5.390 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV032976.D
 Acq: 17 Nov 2023 00:09

Tgt Ion: 128 Resp: 32911

Ion	Ratio	Lower	Upper
128	100		
49	140.2	101.6	188.8
130	130.7	91.7	170.3
51	44.6	38.2	57.2





#25

Chloroform

Concen: 5.179 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

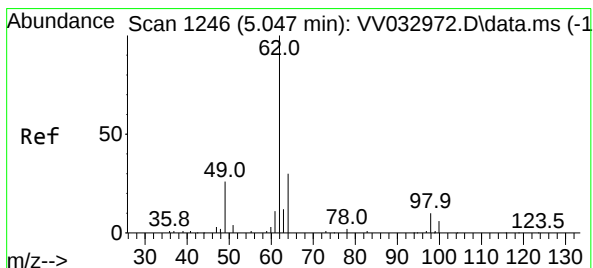
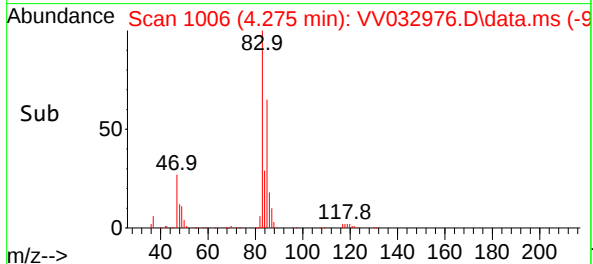
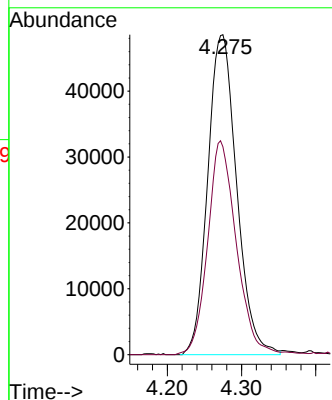
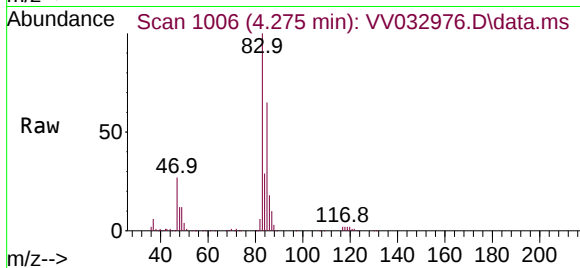
ClientSampleId :

Tgt Ion: 83 Resp: 131699

Ion Ratio Lower Upper

83 100

85 65.0 43.6 81.0



#27

1,2-Dichloroethane

Concen: 5.319 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VV032976.D

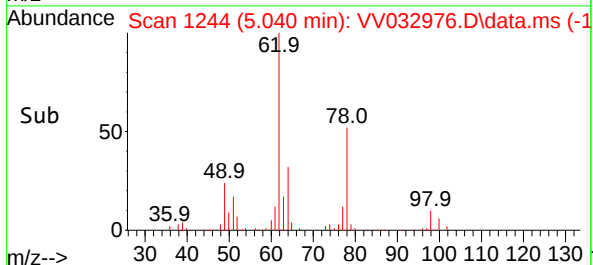
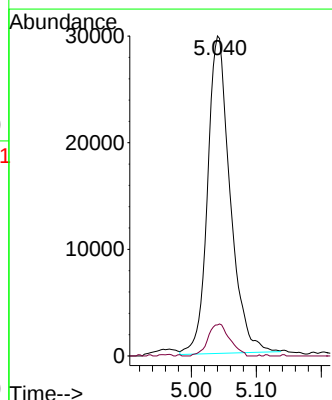
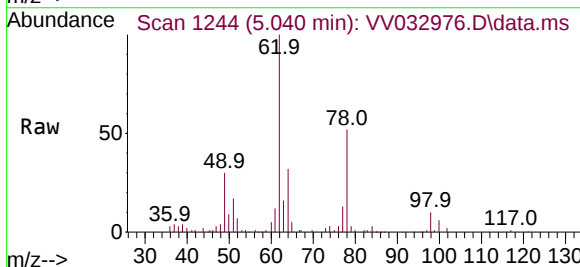
Acq: 17 Nov 2023 00:09

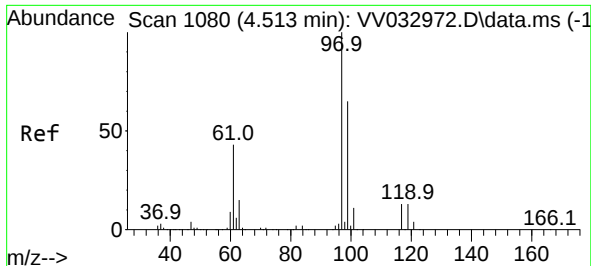
Tgt Ion: 62 Resp: 71949

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.003 ug/L

RT: 4.510 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

ClientSampleId :

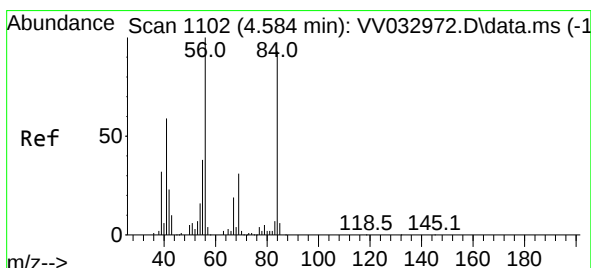
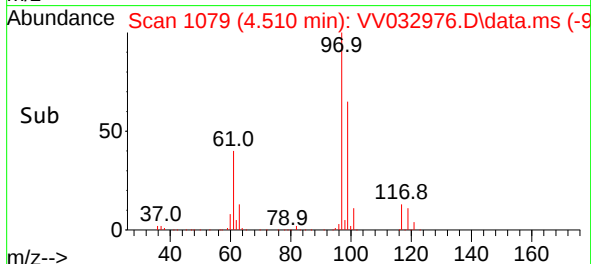
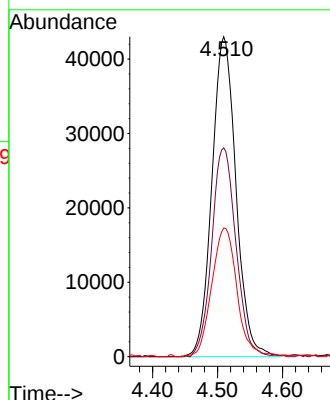
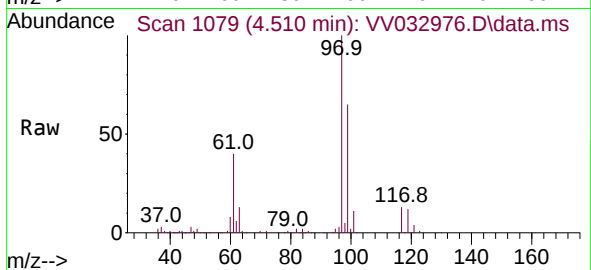
Tgt Ion: 97 Resp: 110742

Ion Ratio Lower Upper

97 100

99 65.6 51.4 77.2

61 42.2 34.2 51.2



#30

Cyclohexane

Concen: 4.364 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.006 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

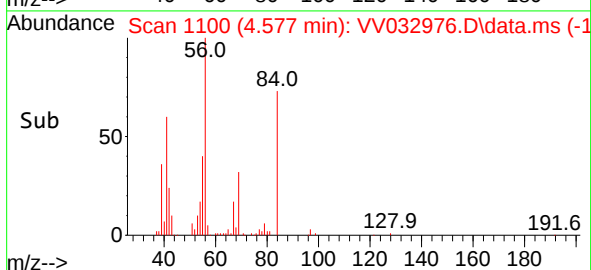
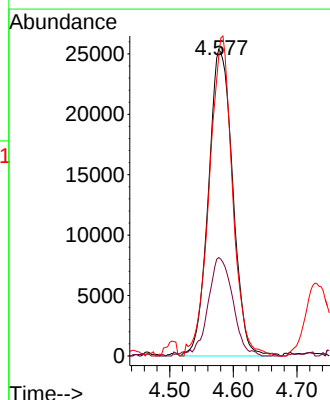
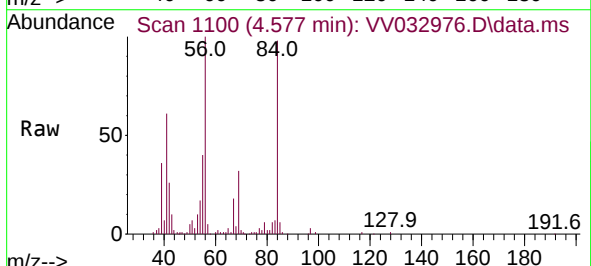
Tgt Ion: 56 Resp: 67368

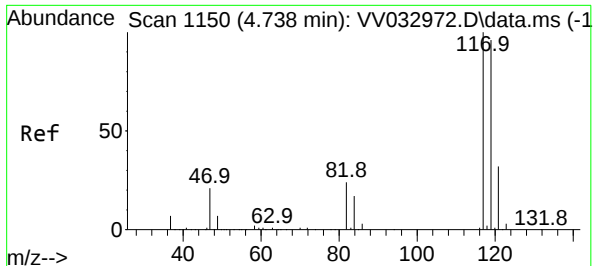
Ion Ratio Lower Upper

56 100

69 32.8 25.9 38.9

84 99.2 77.5 116.3

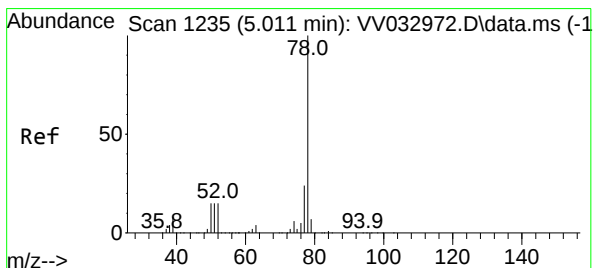
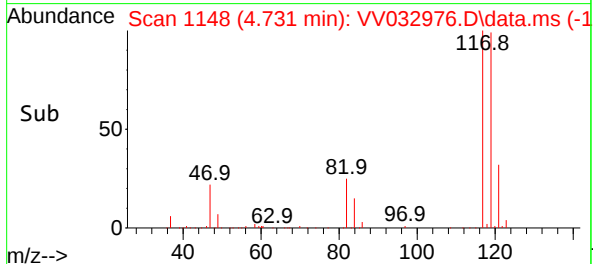
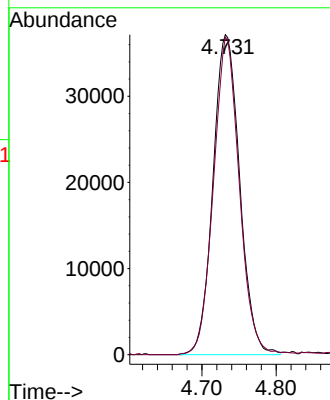
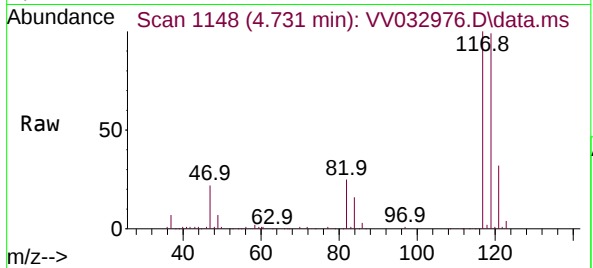




#31
Carbon tetrachloride
Concen: 4.841 ug/L
RT: 4.731 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

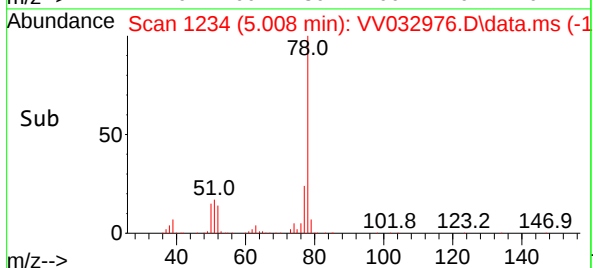
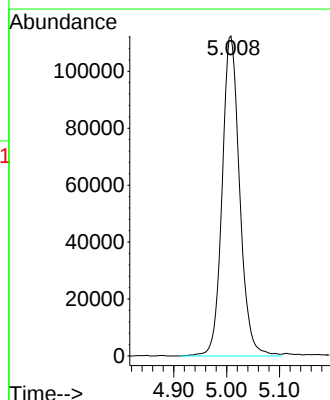
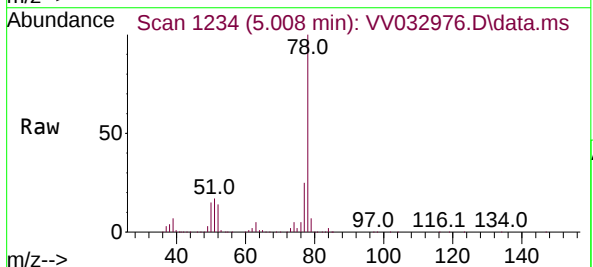
Instrument :
MSVOA_V
ClientSampleId :

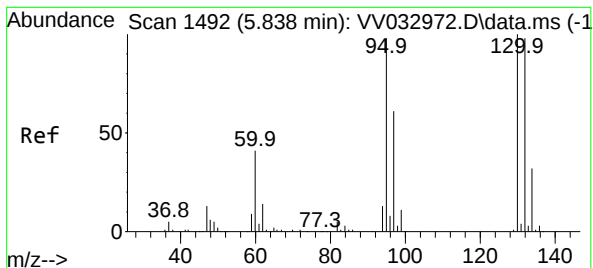
Tgt Ion:117 Resp: 92782
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2



#33
Benzene
Concen: 5.476 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion: 78 Resp: 259107





#34

Trichloroethene

Concen: 5.166 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.006 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 67268

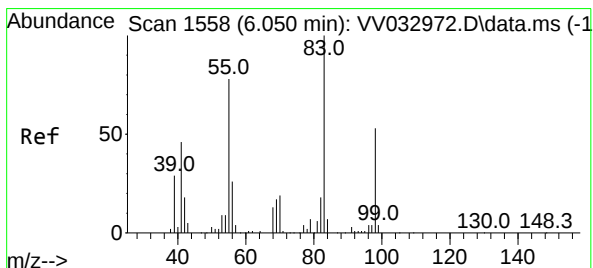
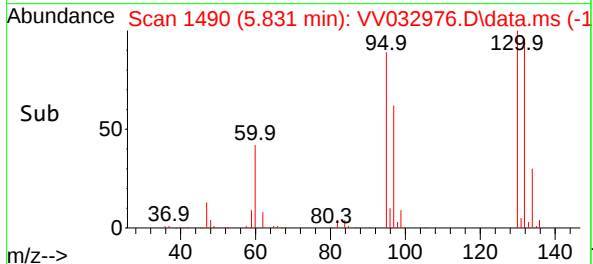
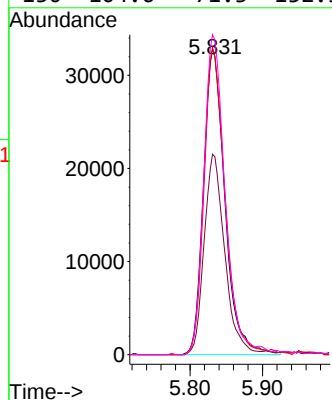
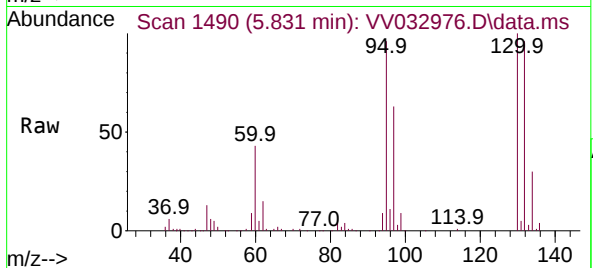
Ion Ratio Lower Upper

95 100

97 65.5 43.7 81.1

132 100.4 69.7 129.5

130 104.6 71.3 132.3



#35

Methylcyclohexane

Concen: 4.305 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

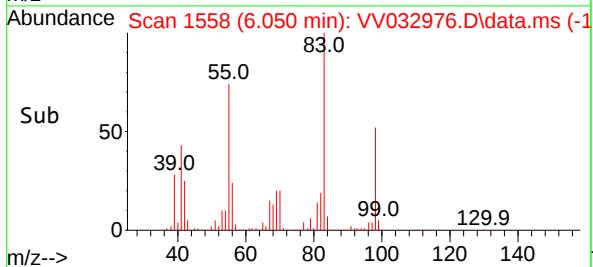
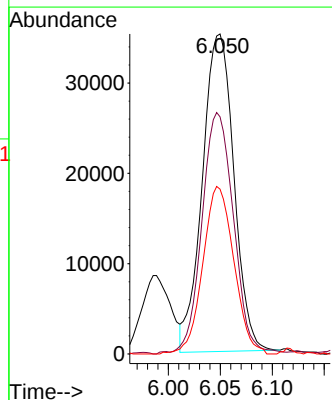
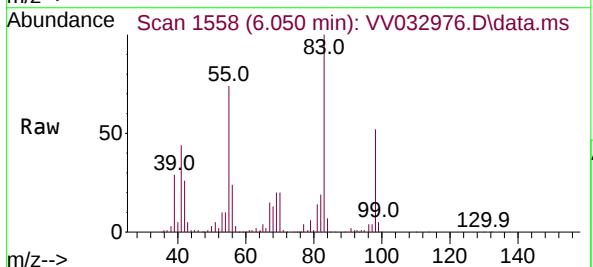
Tgt Ion: 83 Resp: 74264

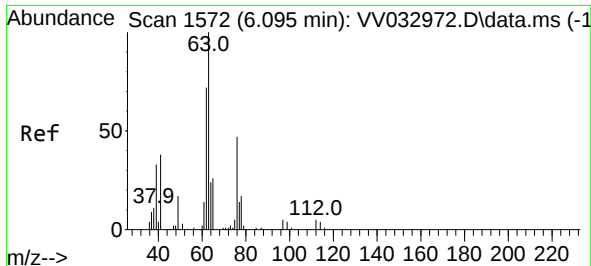
Ion Ratio Lower Upper

83 100

55 76.5 57.6 86.4

98 51.9 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.104 ug/L

RT: 6.091 min Scan# 1571

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

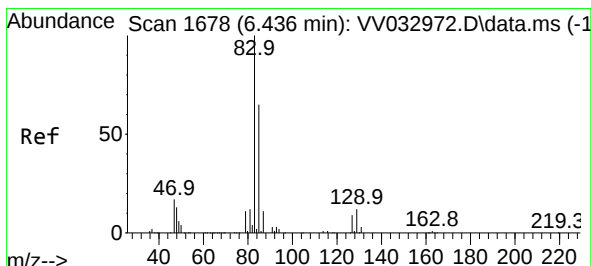
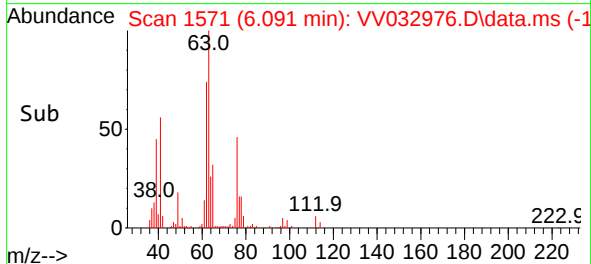
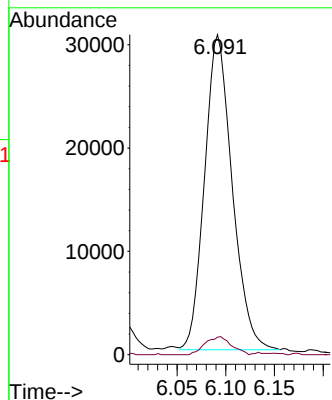
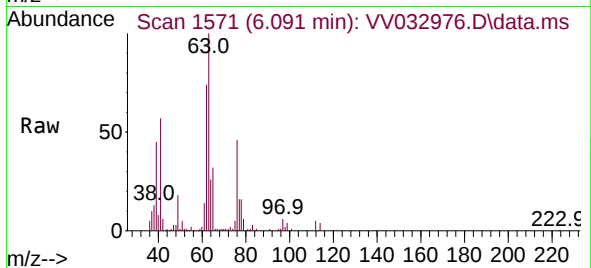
ClientSampleId :

Tgt Ion: 63 Resp: 60045

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 5.301 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

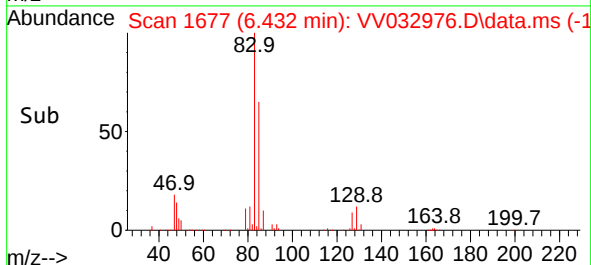
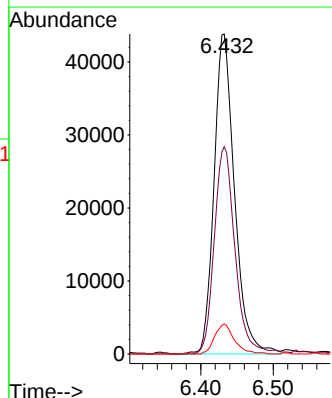
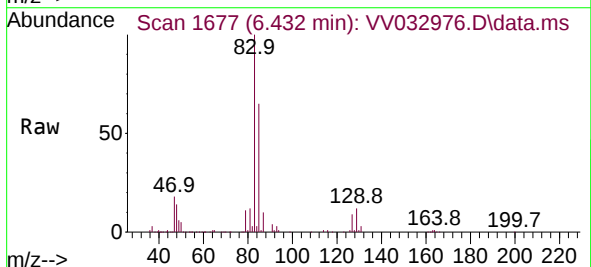
Tgt Ion: 83 Resp: 86038

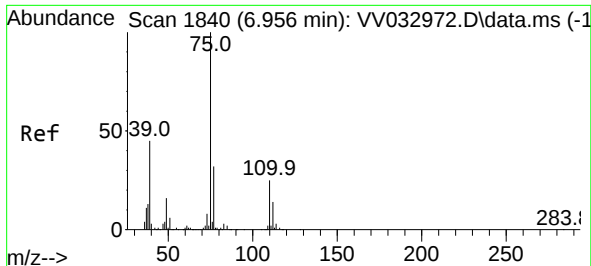
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.4

127 9.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.942 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

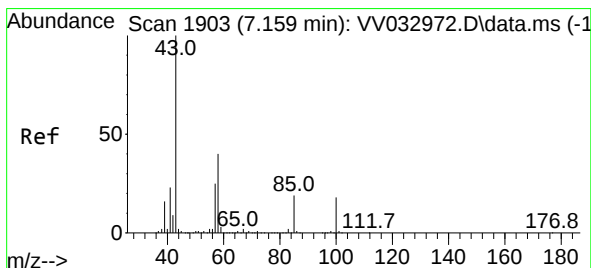
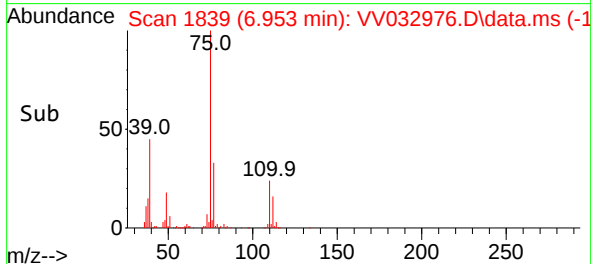
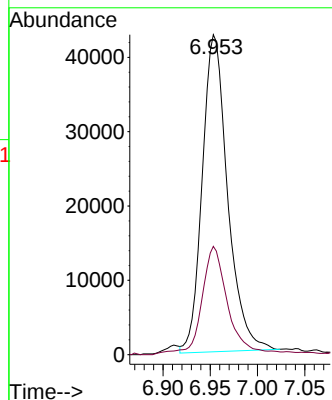
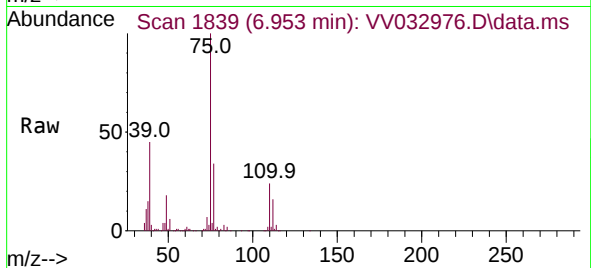
ClientSampleId :

Tgt Ion: 75 Resp: 79743

Ion Ratio Lower Upper

75 100

77 33.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.272 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

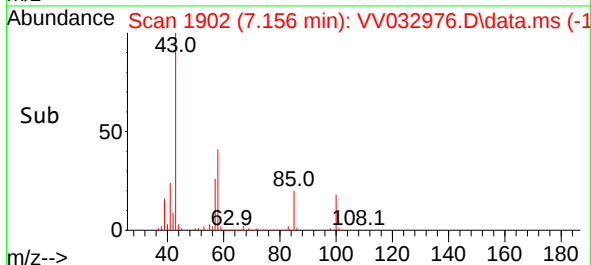
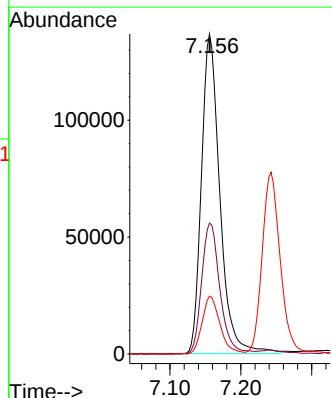
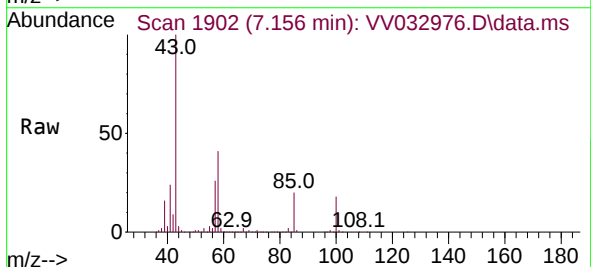
Tgt Ion: 43 Resp: 247280

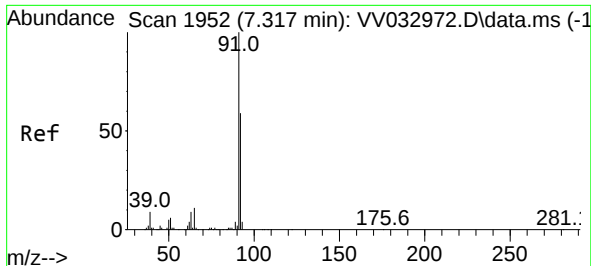
Ion Ratio Lower Upper

43 100

58 40.6 31.7 47.5

100 17.4 14.2 21.2





#42

Toluene

Concen: 5.174 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

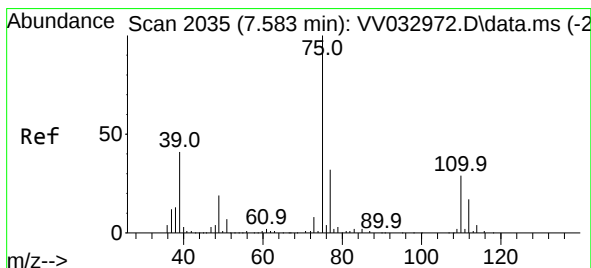
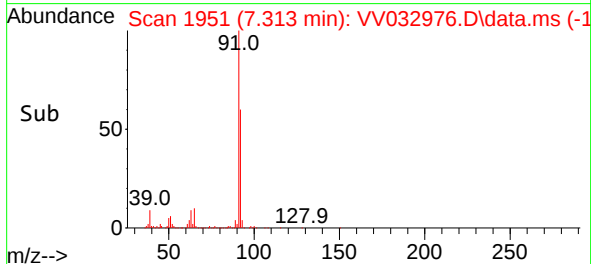
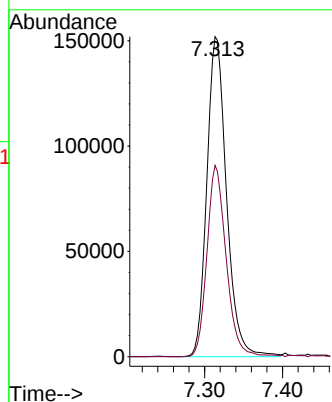
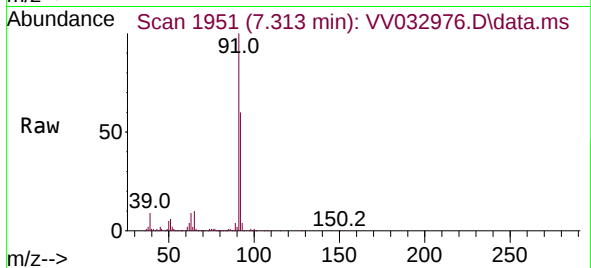
ClientSampleId :

Tgt Ion: 91 Resp: 266305

Ion Ratio Lower Upper

91 100

92 59.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.340 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV032976.D

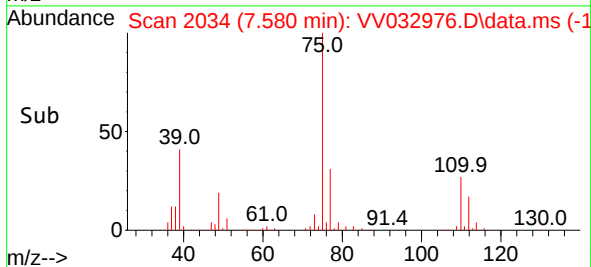
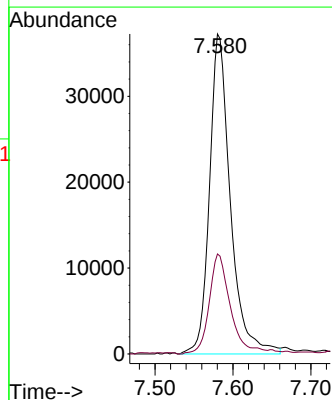
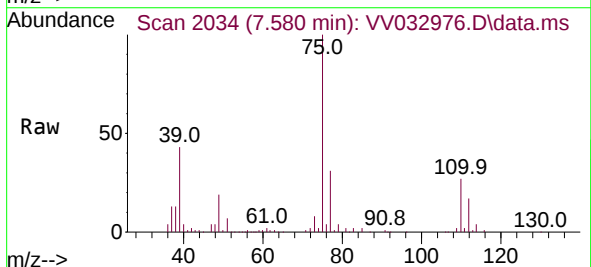
Acq: 17 Nov 2023 00:09

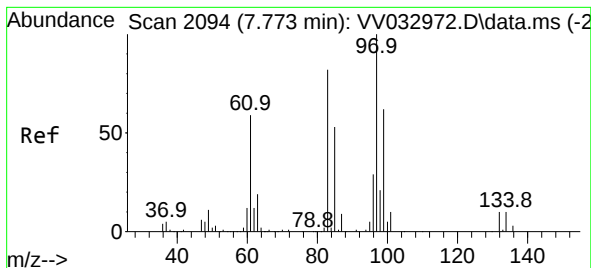
Tgt Ion: 75 Resp: 69288

Ion Ratio Lower Upper

75 100

77 31.3 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 5.387 ug/L

RT: 7.770 min Scan# 2094

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 45622

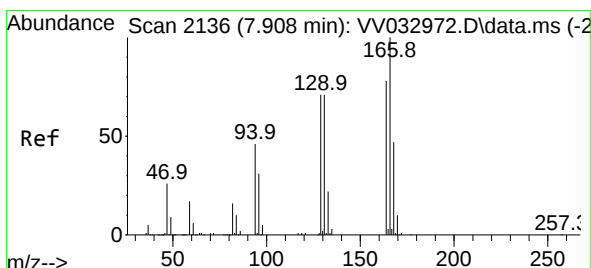
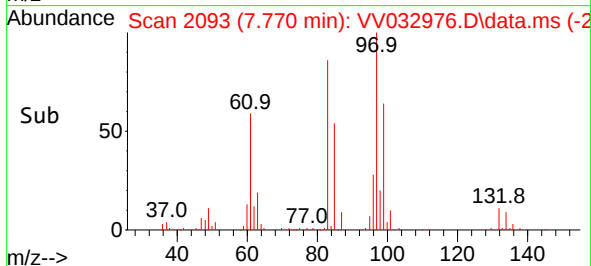
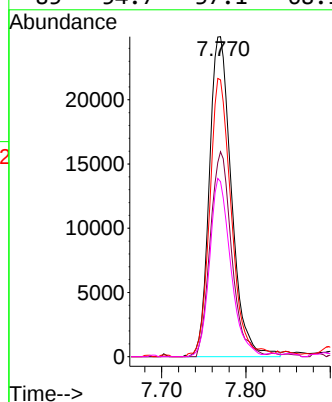
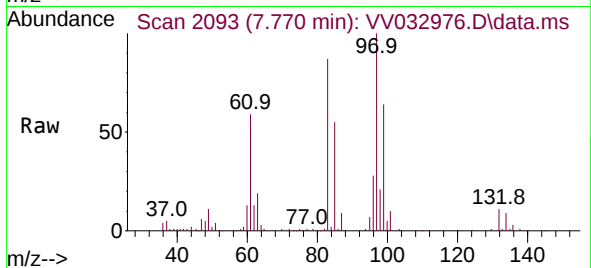
Ion Ratio Lower Upper

97 100

99 64.1 43.0 80.0

83 86.5 57.3 106.5

85 54.7 37.1 68.9



#47

Tetrachloroethene

Concen: 4.593 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Tgt Ion: 164 Resp: 50370

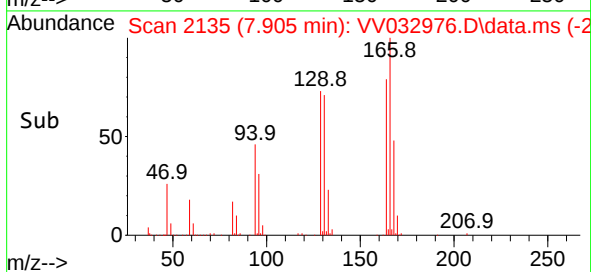
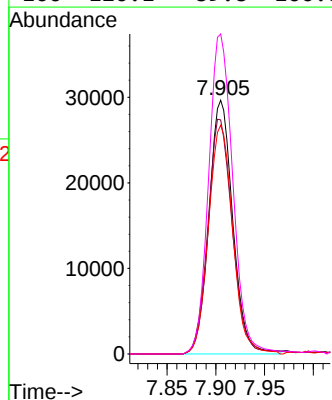
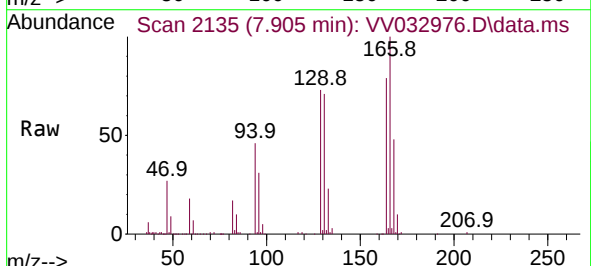
Ion Ratio Lower Upper

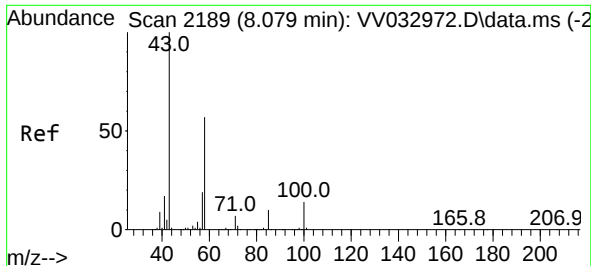
164 100

129 92.2 64.2 119.2

131 90.1 63.5 117.9

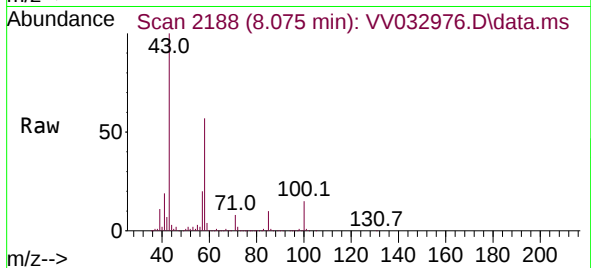
166 126.1 89.8 166.8



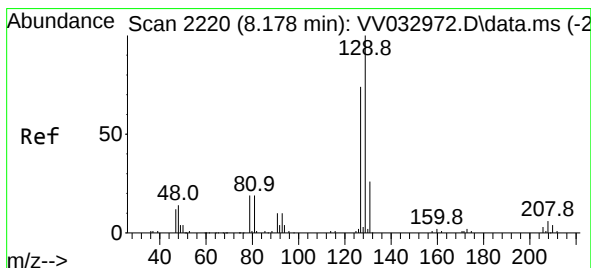
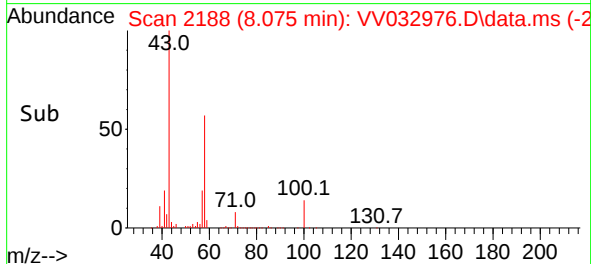
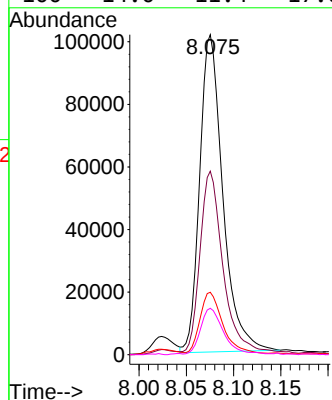


#48
2-Hexanone
Concen: 50.409 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Instrument :
MSVOA_V
ClientSampleId :

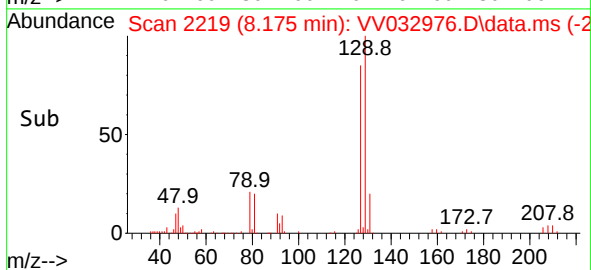
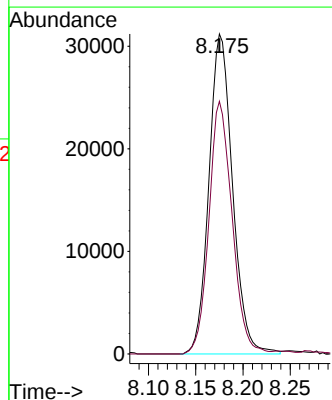
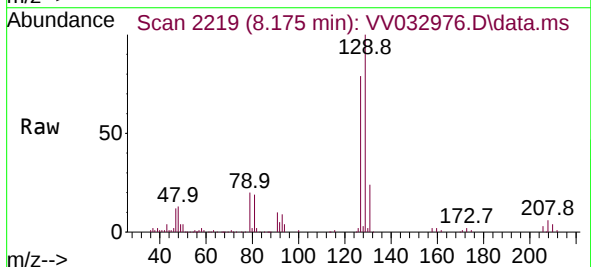


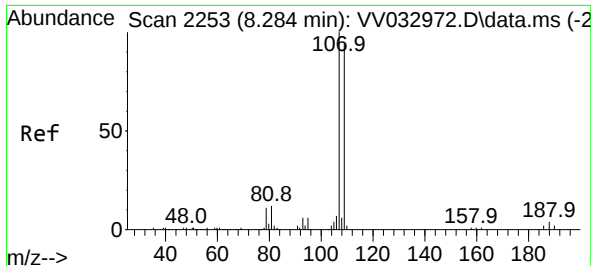
Tgt Ion: 43 Resp: 172777
Ion Ratio Lower Upper
43 100
58 57.8 44.9 67.3
57 19.0 15.1 22.7
100 14.0 11.4 17.0



#49
Dibromochloromethane
Concen: 5.349 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion: 129 Resp: 54310
Ion Ratio Lower Upper
129 100
127 79.0 51.6 95.8





#50

1,2-Dibromoethane

Concen: 5.202 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

ClientSampleId :

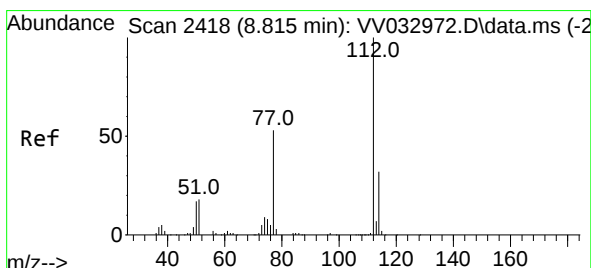
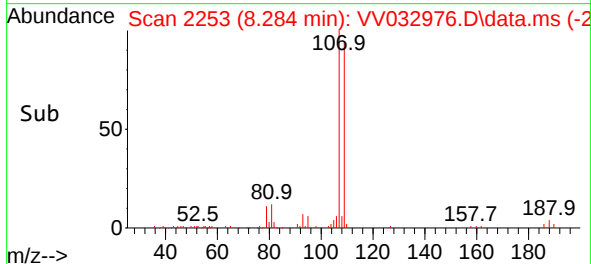
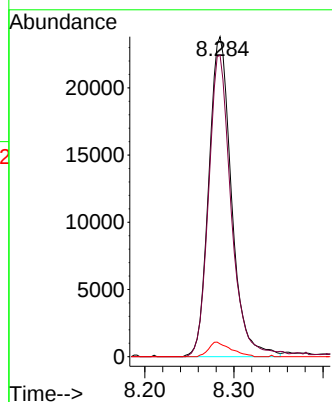
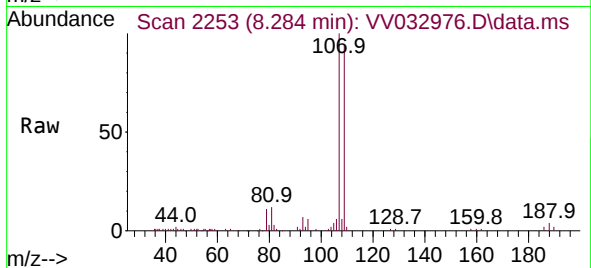
Tgt Ion:107 Resp: 42123

Ion Ratio Lower Upper

107 100

109 94.3 65.6 121.8

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 4.950 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

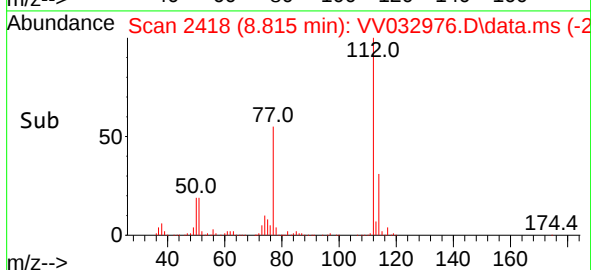
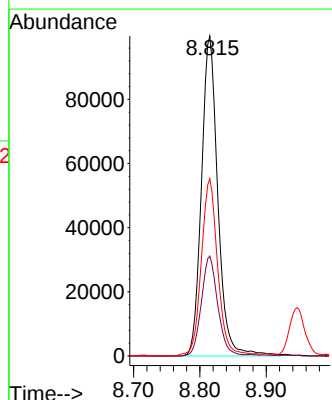
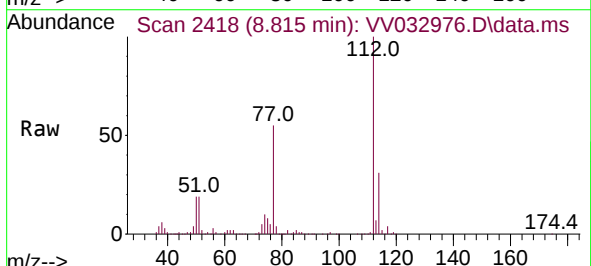
Tgt Ion:112 Resp: 171079

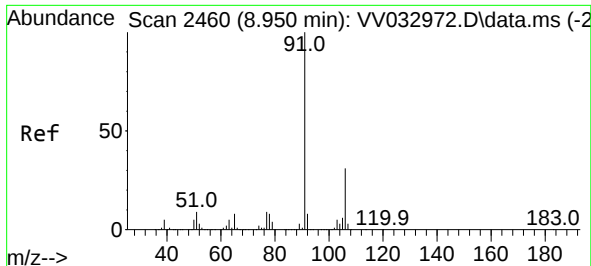
Ion Ratio Lower Upper

112 100

114 31.2 22.3 41.5

77 55.4 42.6 64.0

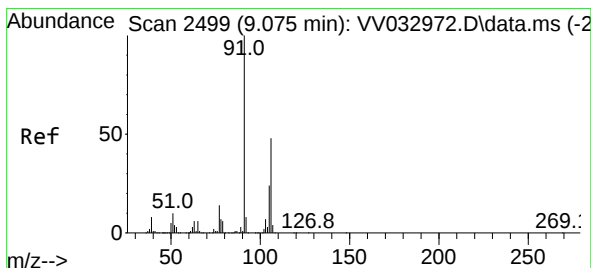
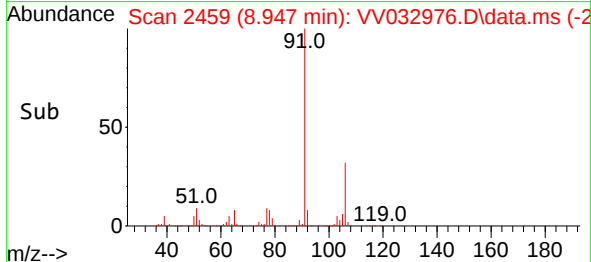
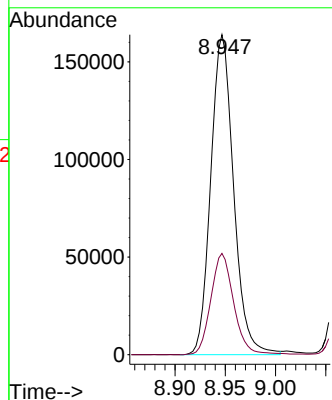
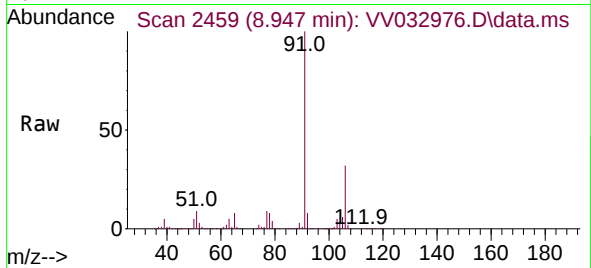




#52
Ethylbenzene
Concen: 4.847 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

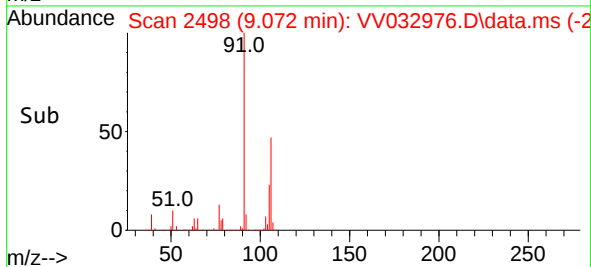
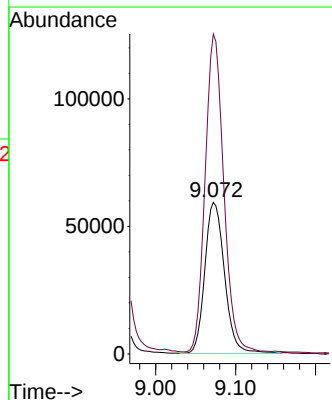
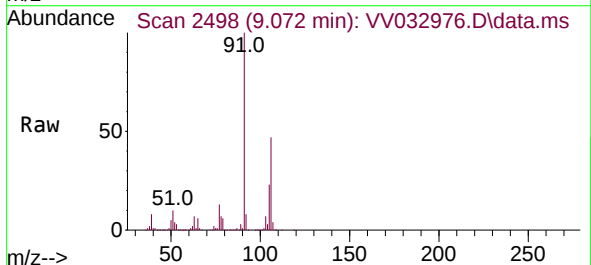
Instrument :
MSVOA_V
ClientSampleId :

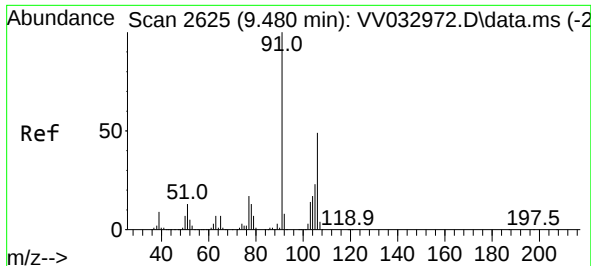
Tgt Ion: 91 Resp: 259245
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 4.916 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion: 106 Resp: 101645
Ion Ratio Lower Upper
106 100
91 211.1 145.5 270.3

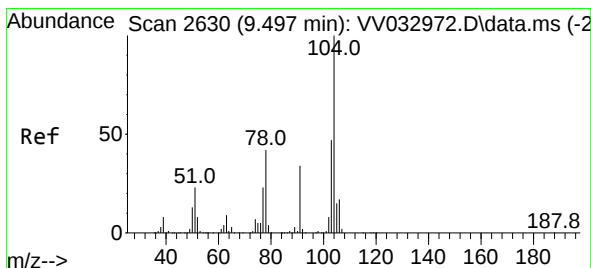
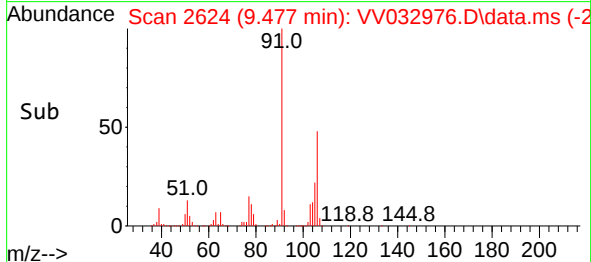
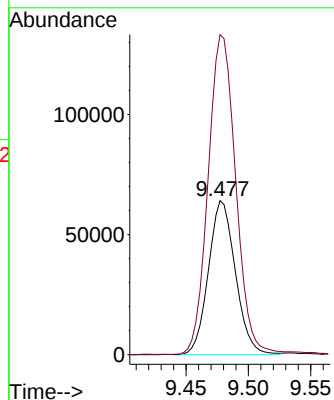
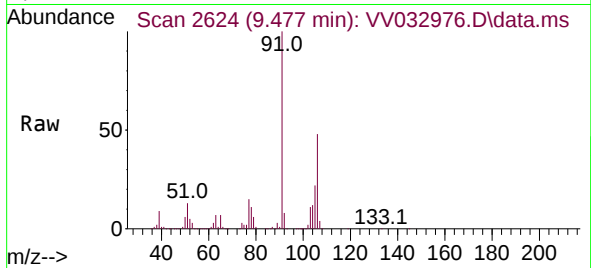




#54
o-Xylene
Concen: 4.894 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

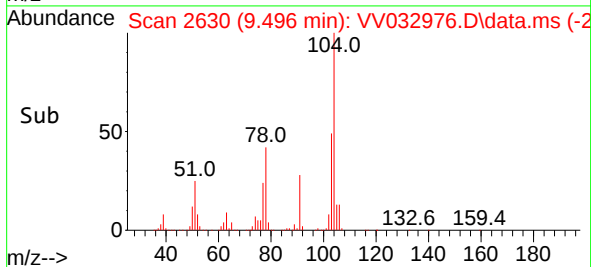
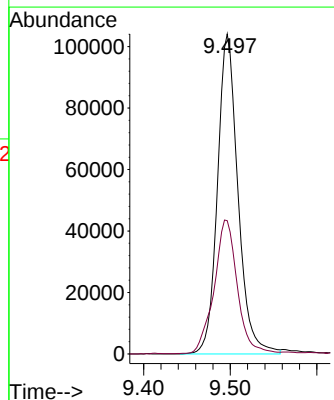
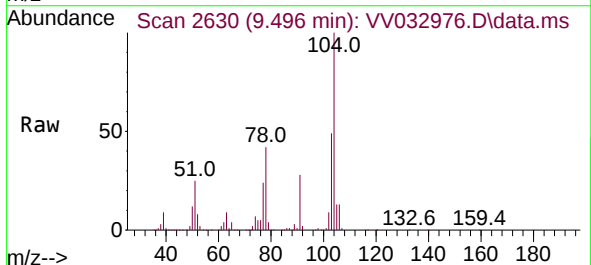
Instrument :
MSVOA_V
ClientSampleId :

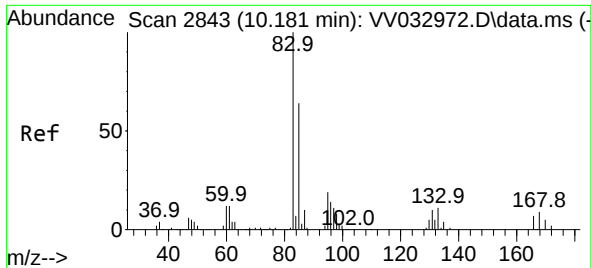
Tgt Ion:106 Resp: 96693
Ion Ratio Lower Upper
106 100
91 207.8 142.4 264.4



#55
Styrene
Concen: 5.034 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion:104 Resp: 171047
Ion Ratio Lower Upper
104 100
78 41.7 29.8 55.4

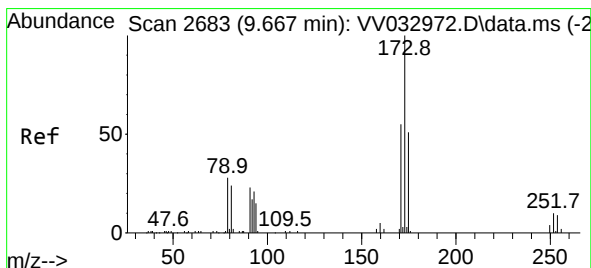
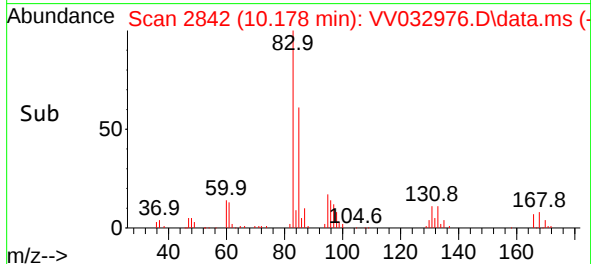
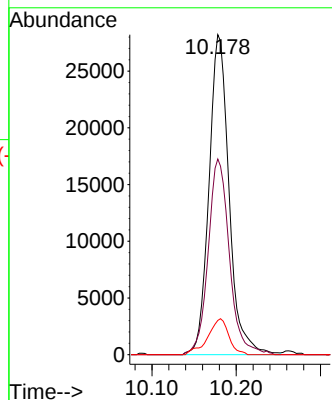
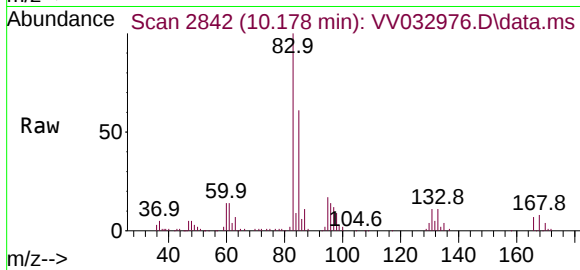




#57
1,1,2,2-Tetrachloroethane
Concen: 4.958 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

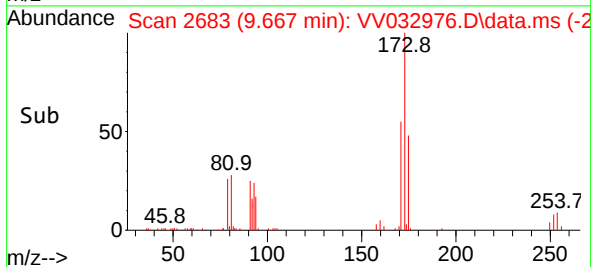
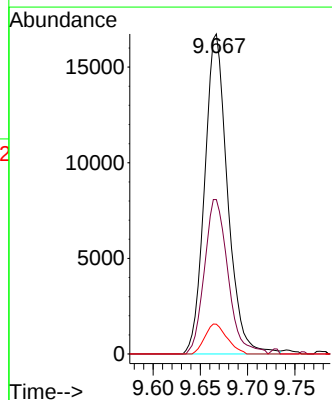
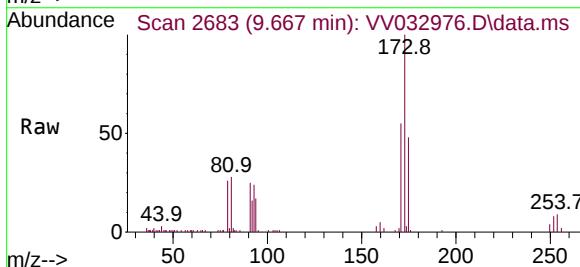
Instrument :
MSVOA_V
ClientSampleId :

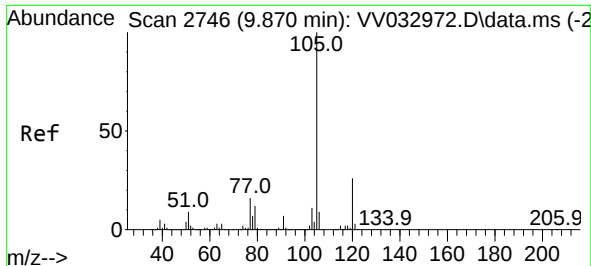
Tgt Ion: 83 Resp: 46827
Ion Ratio Lower Upper
83 100
85 61.2 44.7 83.1
131 10.7 8.0 12.0



#59
Bromoform
Concen: 5.524 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion: 173 Resp: 28246
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.4
254 9.0 6.4 9.6

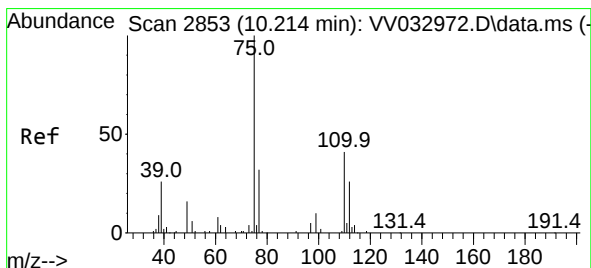
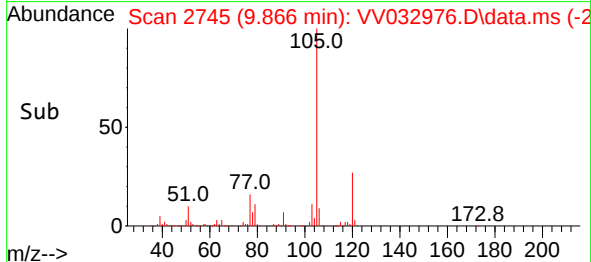
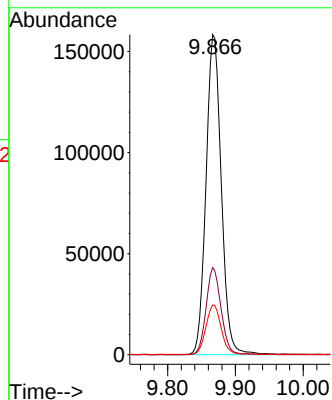
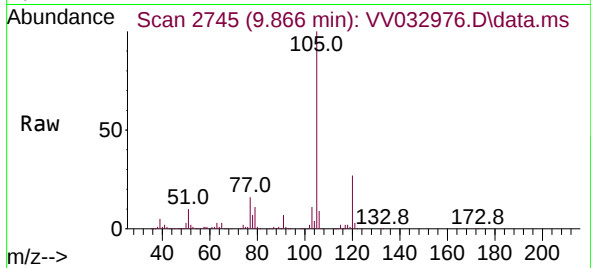




#60
Isopropylbenzene
Concen: 4.934 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

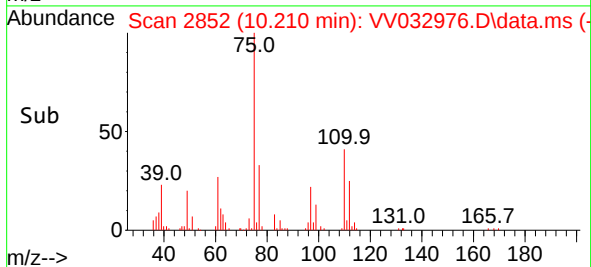
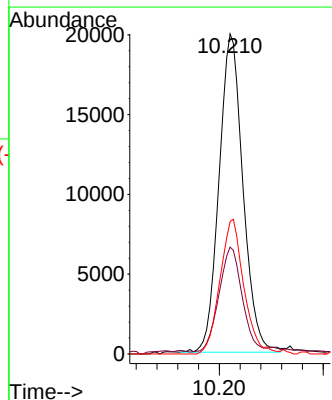
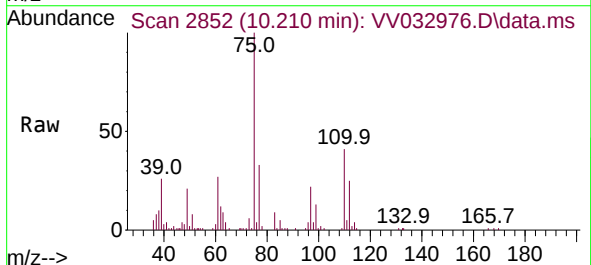
Instrument :
MSVOA_V
ClientSampleId :

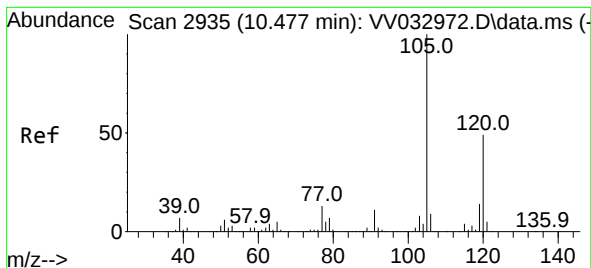
Tgt Ion:105 Resp: 247760
Ion Ratio Lower Upper
105 100
120 26.5 20.6 31.0
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.381 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion: 75 Resp: 31854
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
110 42.4 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 4.840 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

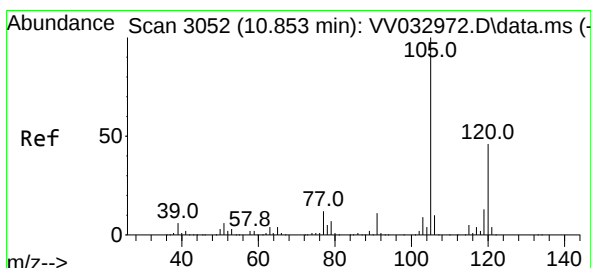
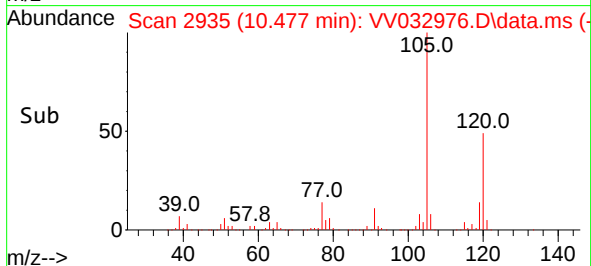
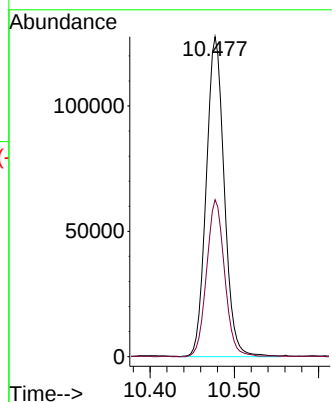
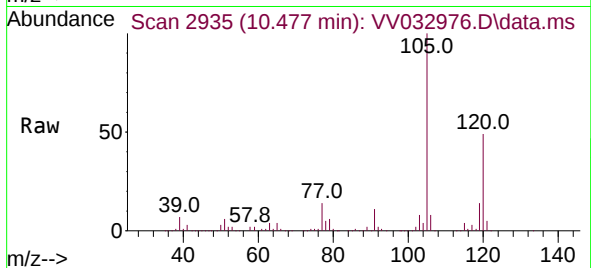
ClientSampleId :

Tgt Ion:105 Resp: 190473

Ion Ratio Lower Upper

105 100

120 49.2 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.962 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032976.D

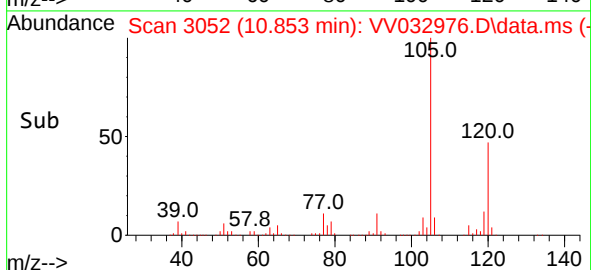
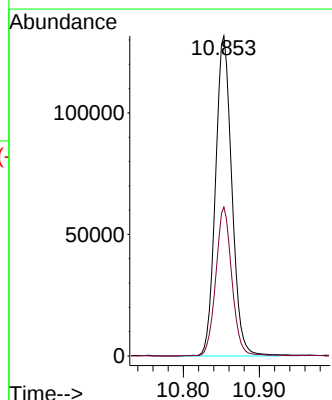
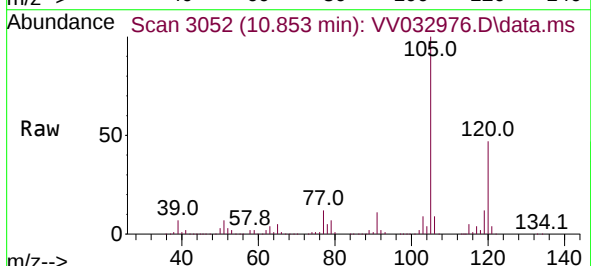
Acq: 17 Nov 2023 00:09

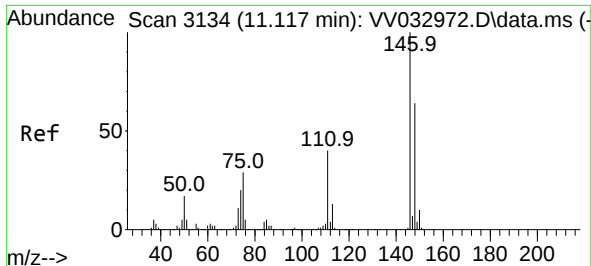
Tgt Ion:105 Resp: 196793

Ion Ratio Lower Upper

105 100

120 45.2 36.6 55.0

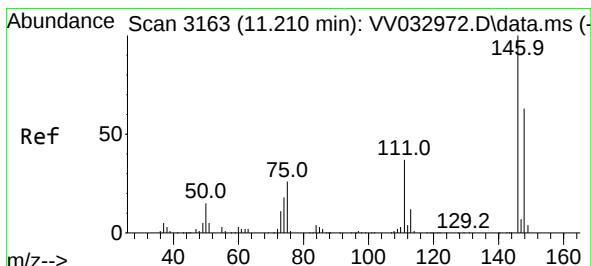
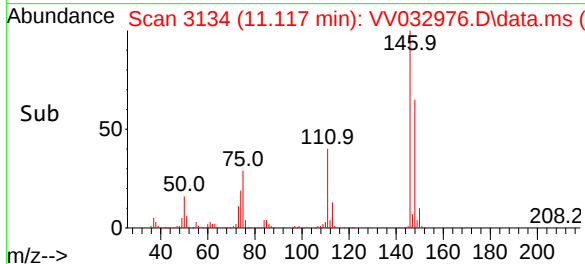
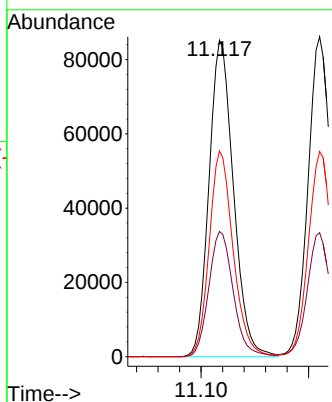
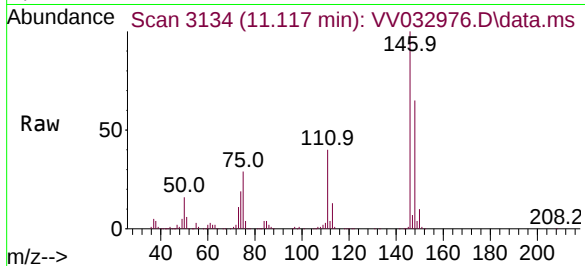




#64
1,3-Dichlorobenzene
Concen: 5.044 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

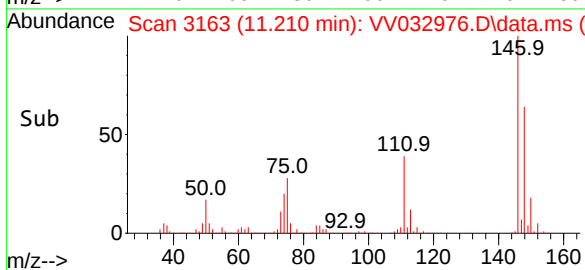
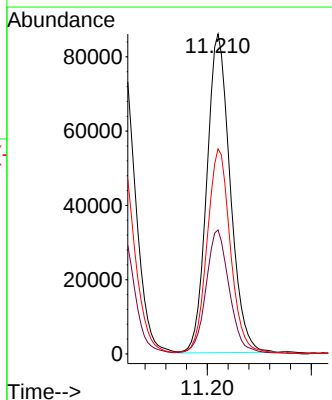
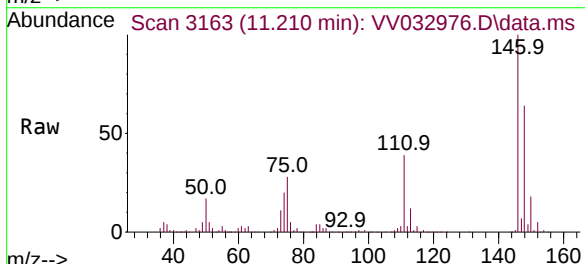
Instrument :
MSVOA_V
ClientSampleId :

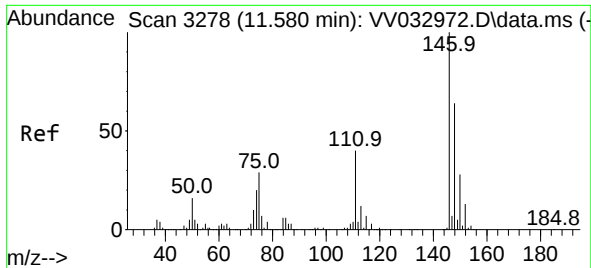
Tgt Ion:146 Resp: 134478
Ion Ratio Lower Upper
146 100
111 39.6 27.8 51.6
148 65.0 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.930 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion:146 Resp: 134208
Ion Ratio Lower Upper
146 100
111 38.8 25.8 48.0
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.103 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

ClientSampleId :

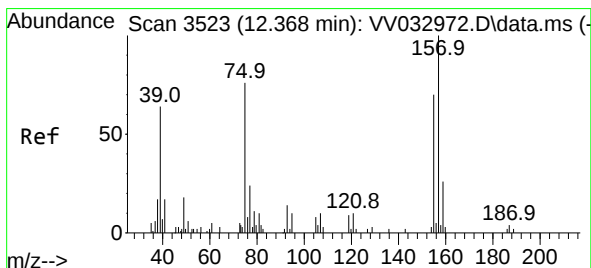
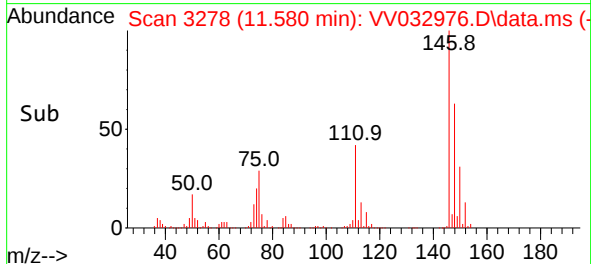
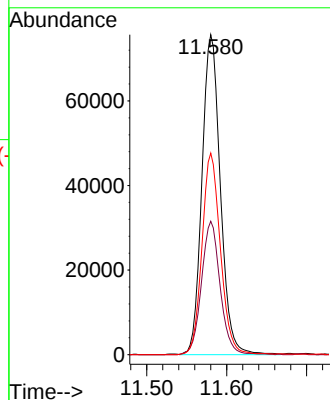
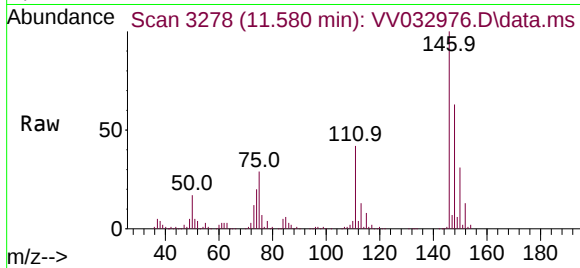
Tgt Ion:146 Resp: 121505

Ion Ratio Lower Upper

146 100

111 41.7 31.8 47.8

148 63.0 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.866 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

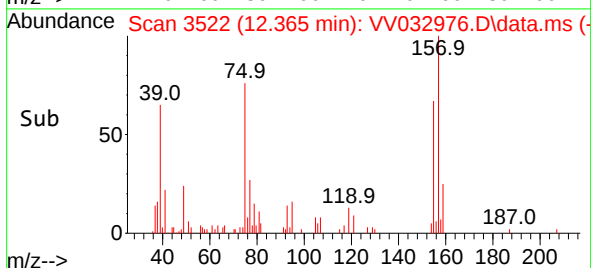
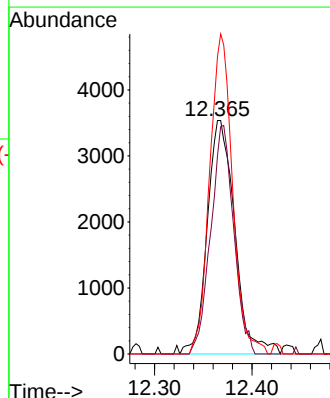
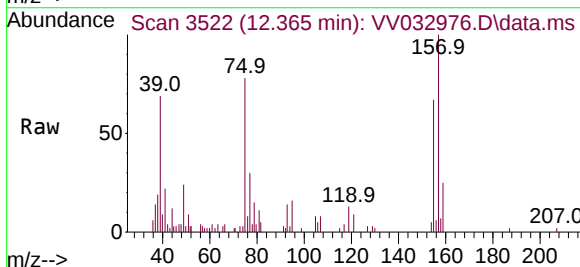
Tgt Ion: 75 Resp: 6904

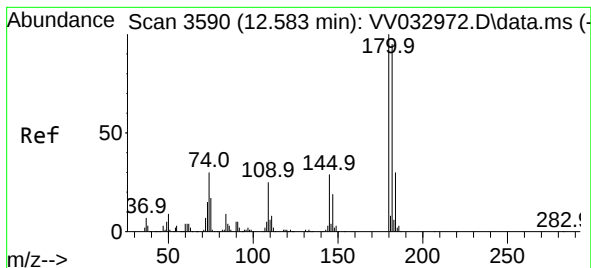
Ion Ratio Lower Upper

75 100

155 85.0 71.8 107.8

157 127.4 102.2 153.2





#69

1,3,5-Trichlorobenzene

Concen: 4.618 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 91414

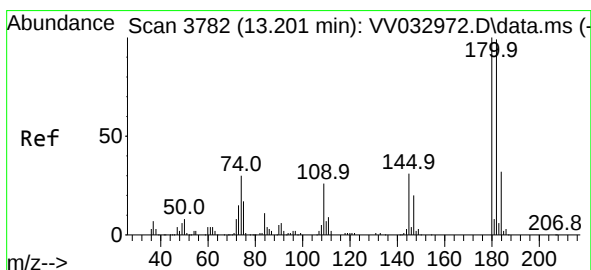
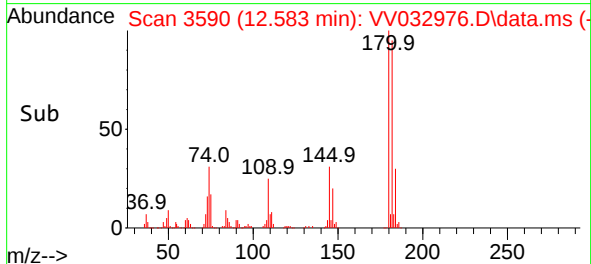
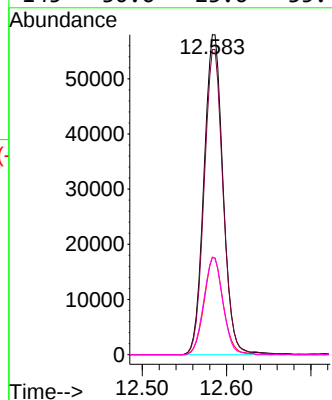
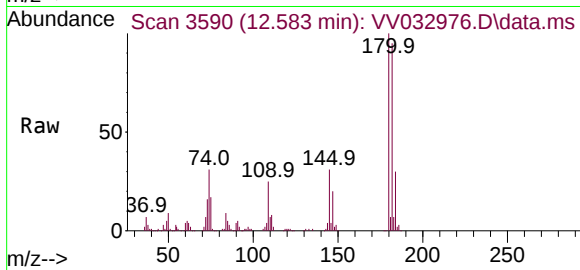
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

184 30.5 24.2 36.4

145 30.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.507 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032976.D

Acq: 17 Nov 2023 00:09

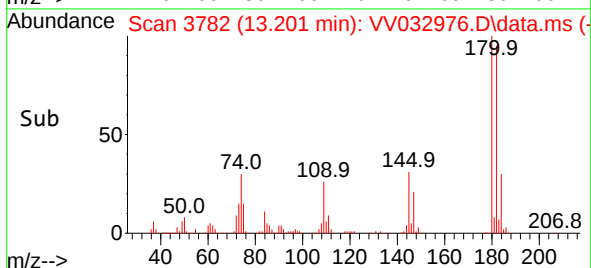
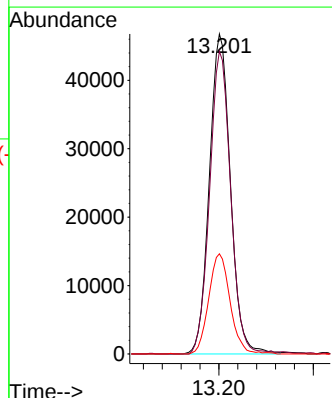
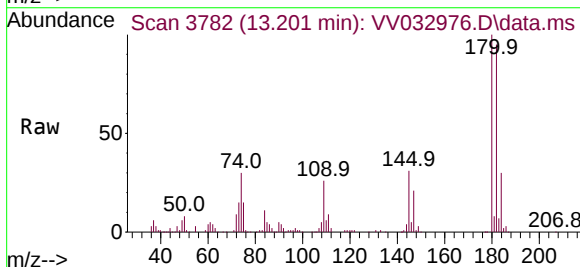
Tgt Ion:180 Resp: 72353

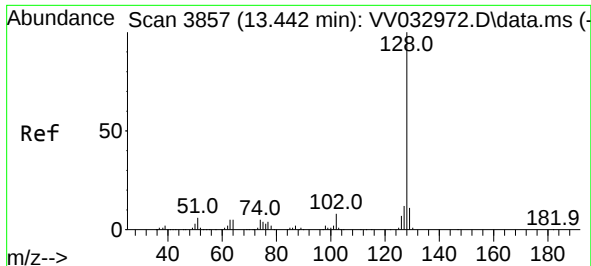
Ion Ratio Lower Upper

180 100

182 94.4 77.4 116.2

145 31.8 25.1 37.7

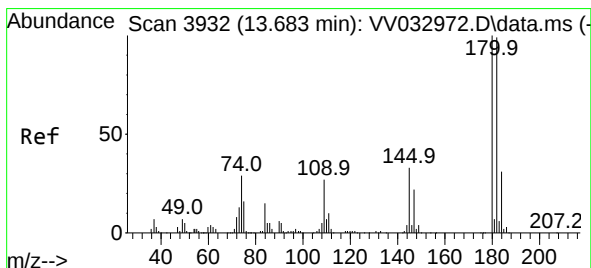
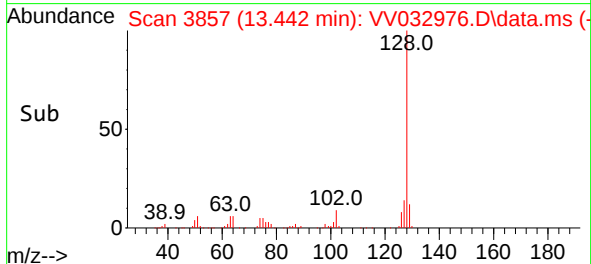
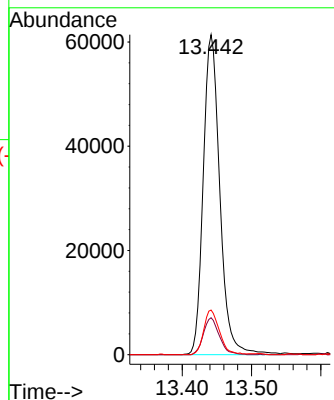
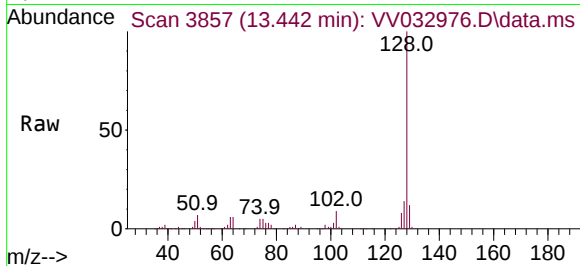




#71
Naphthalene
Concen: 4.568 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 102070
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.650 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032976.D
Acq: 17 Nov 2023 00:09

Tgt Ion:180 Resp: 65004
Ion Ratio Lower Upper
180 100
182 94.8 76.7 115.1
145 32.6 27.0 40.4

