

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110723\
 Data File : VW032874.D
 Acq On : 07 Nov 2023 17:01
 Operator : SY/MD
 Sample : 05226-10MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:41:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	249500	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	284126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	151750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71241	30.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.040%
7) Chloroethane-d5	1.529	69	71121	35.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.660%
11) 1,1-Dichloroethene-d2	2.060	65	33037	33.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.400%
21) 2-Butanone-d5	3.786	46	132381	128.609	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.610%
24) Chloroform-d	4.252	84	170068	44.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.944	65	106894	45.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.820%
32) Benzene-d6	4.963	84	294863	40.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.720%
36) 1,2-Dichloropropane-d6	5.992	67	92319	41.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.200%
41) Toluene-d8	7.246	98	290581	40.397	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.555	79	49876	43.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.300%
47) 2-Hexanone-d5	8.027	63	100230	123.704	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.700%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	184506	54.784	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.560%
66) 1,2-Dichlorobenzene-d4	11.564	152	130117	44.495	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	81381	37.069	ug/L	98
3) Chloromethane	1.217	50	87983	41.425	ug/L	97
5) Vinyl chloride	1.285	62	91911	40.584	ug/L	99
6) Bromomethane	1.481	94	65285	41.314	ug/L	99
8) Chloroethane	1.545	64	68139	44.693	ug/L	99
9) Trichlorofluoromethane	1.712	101	147647	40.910	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87807	40.210	ug/L	100
12) 1,1-Dichloroethene	2.069	96	78172	41.891	ug/L	87
13) Acetone	2.111	43	111643	64.799	ug/L	99
14) Carbon disulfide	2.243	76	178726	40.121	ug/L	100
15) Methyl Acetate	2.375	43	101633	58.179	ug/L	97
16) Methylene chloride	2.449	84	99338	40.133	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	76781	43.109	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	274257	52.141	ug/L	99
19) 1,1-Dichloroethane	3.114	63	154498	45.517	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	92401	46.974	ug/L	99
22) 2-Butanone	3.870	43	133959	91.681	ug/L	97
23) Bromochloromethane	4.150	128	54167	49.337	ug/L	98
25) Chloroform	4.281	83	180727	46.716	ug/L	97

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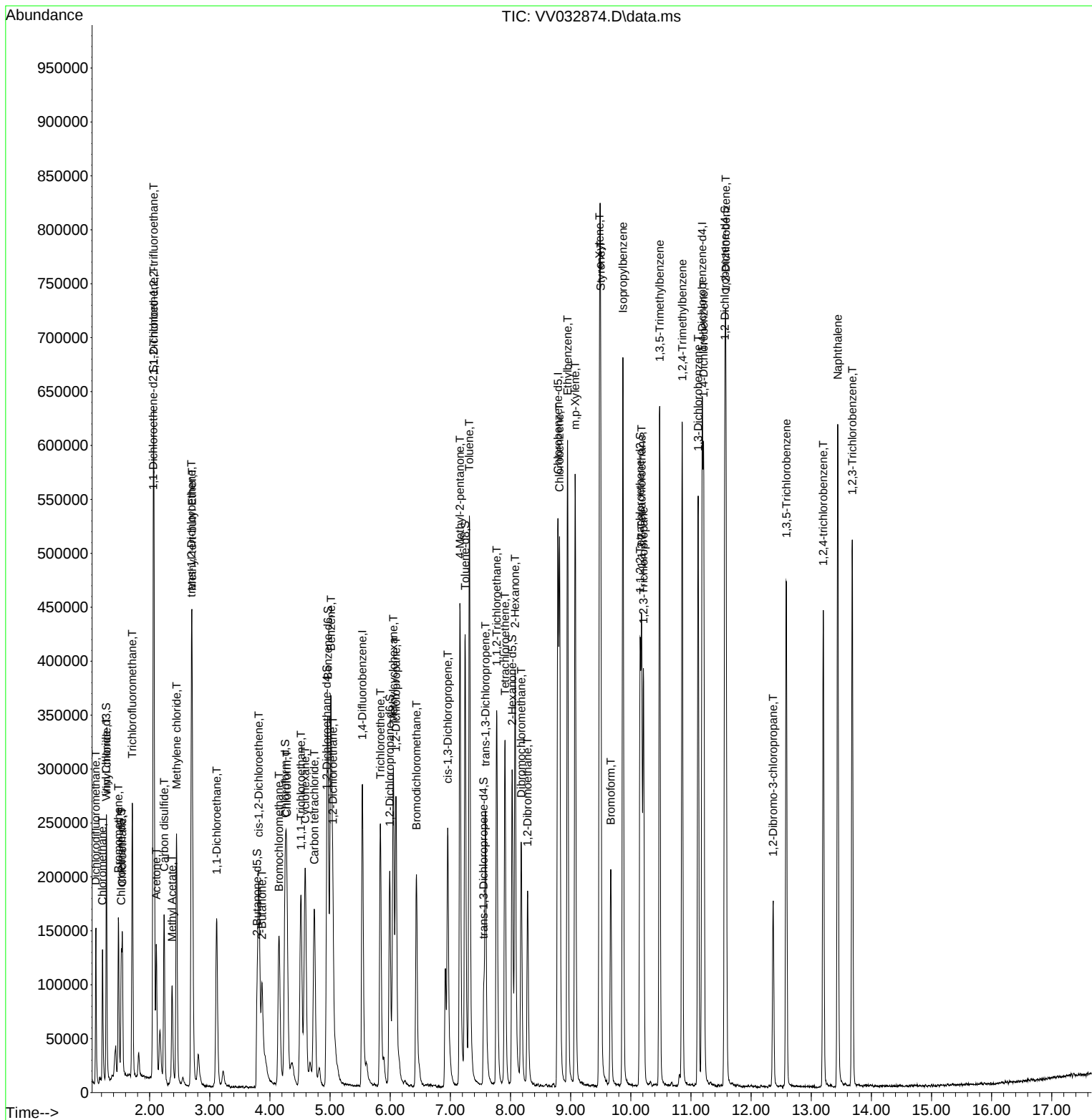
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 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

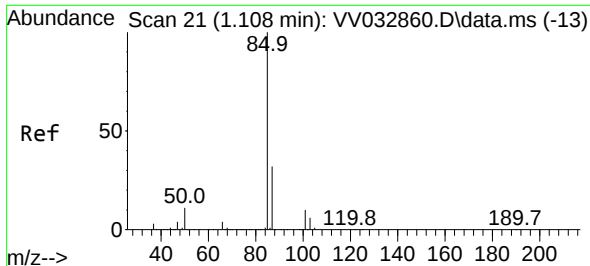
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.047	62	141409	50.720	ug/L	97
29) Cyclohexane	4.587	56	97005	37.988	ug/L #	91
30) 1,1,1-Trichloroethane	4.516	97	149401	43.889	ug/L	99
31) Carbon tetrachloride	4.738	117	127689	42.449	ug/L	98
33) Benzene	5.014	78	346737	46.023	ug/L	100
34) Trichloroethene	5.838	95	87837	41.882	ug/L	94
35) Methylcyclohexane	6.053	83	120860	36.829	ug/L	99
37) 1,2-Dichloropropane	6.095	63	90131	45.068	ug/L	97
38) Bromodichloromethane	6.436	83	145130	46.257	ug/L #	99
39) cis-1,3-Dichloropropene	6.956	75	143851	47.946	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	298911	126.118	ug/L	100
42) Toluene	7.317	91	402687	46.934	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	147685	47.923	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	114143	49.760	ug/L	98
46) Tetrachloroethene	7.908	164	73292	38.731	ug/L	97
48) 2-Hexanone	8.079	43	239802	112.768	ug/L	97
49) Dibromochloromethane	8.178	129	118086	49.239	ug/L	98
50) 1,2-Dibromoethane	8.284	107	120961	51.760	ug/L	98
51) Chlorobenzene	8.815	112	271251	44.656	ug/L	98
52) Ethylbenzene	8.950	91	420142	44.392	ug/L	100
53) m,p-Xylene	9.075	106	159546	44.293	ug/L	98
54) o-Xylene	9.480	106	161001	46.137	ug/L	98
55) Styrene	9.500	104	295543	48.598	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	193110	56.209	ug/L	99
59) Bromoform	9.667	173	88265	51.878	ug/L	99
60) Isopropylbenzene	9.870	105	423814	46.053	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	141274	55.735	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	326919	45.143	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	322966	46.621	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	216579	45.174	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	221868	43.859	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	228968	46.781	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	40189	60.923	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	140427	40.573	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	128073	42.788	ug/L	100
71) Naphthalene	13.442	128	468463	62.674	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	147153	49.239	ug/L	99

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

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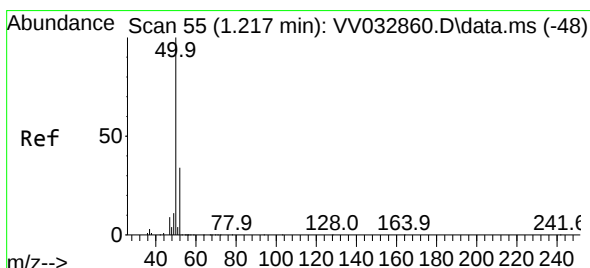
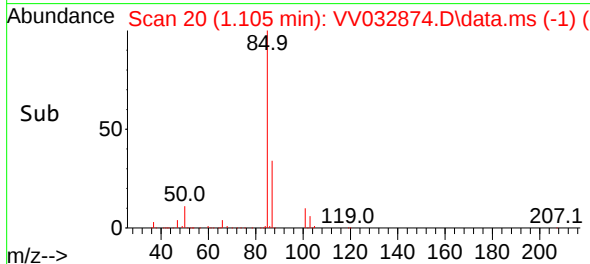
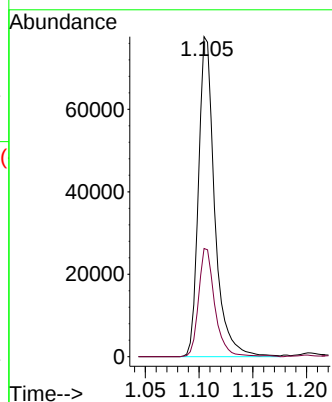
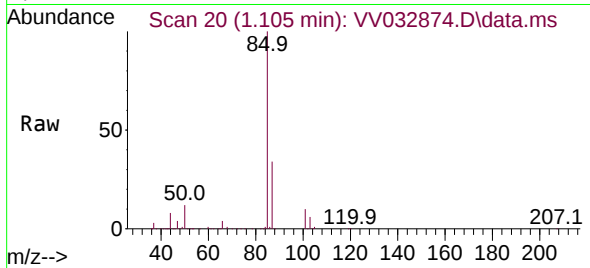




#2
Dichlorodifluoromethane
Concen: 37.069 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

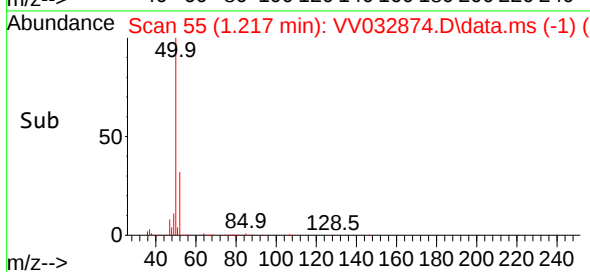
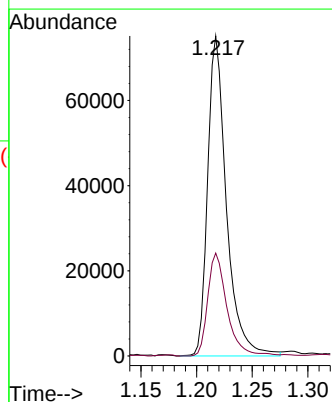
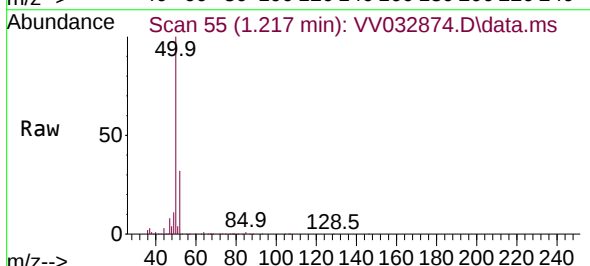
Instrument :
MSVOA_V
ClientSampleId :

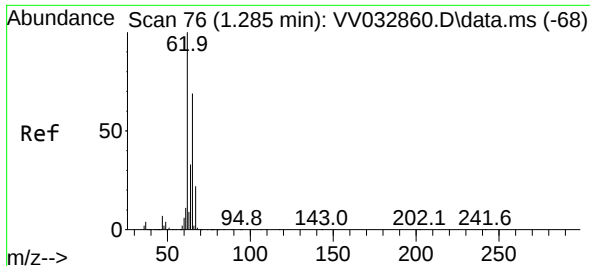
Tgt Ion: 85 Resp: 81381
Ion Ratio Lower Upper
85 100
87 33.8 26.2 39.4



#3
Chloromethane
Concen: 41.425 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 50 Resp: 87983
Ion Ratio Lower Upper
50 100
52 32.1 23.5 43.7

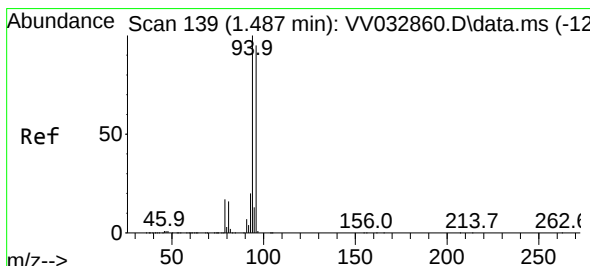
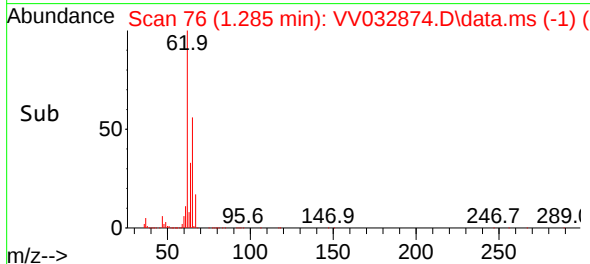
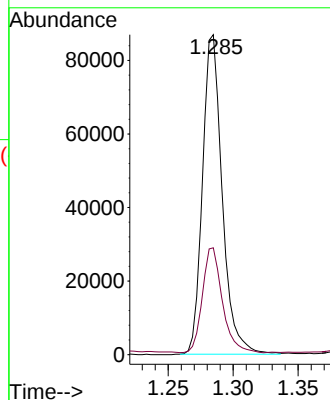
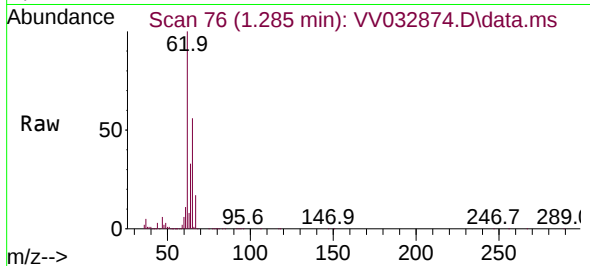




#5
 Vinyl chloride
 Concen: 40.584 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV032874.D
 Acq: 07 Nov 2023 17:01

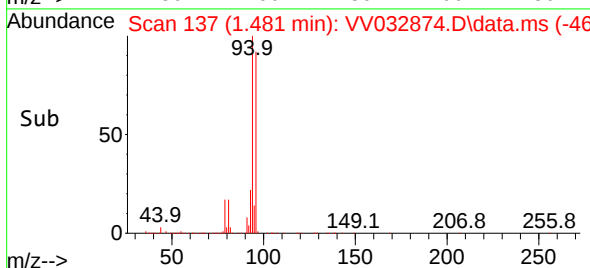
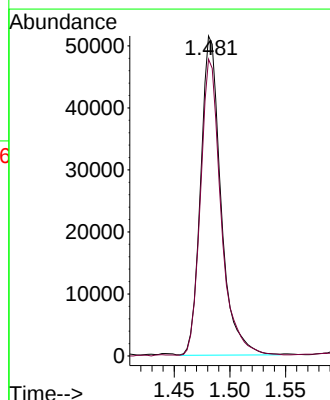
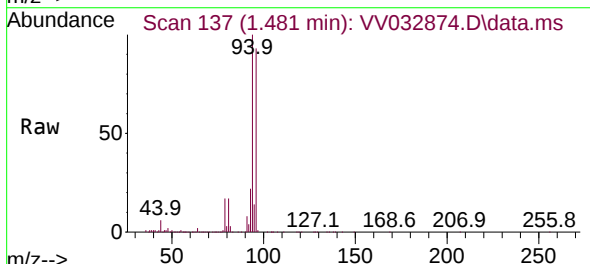
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 ClientSampleId :

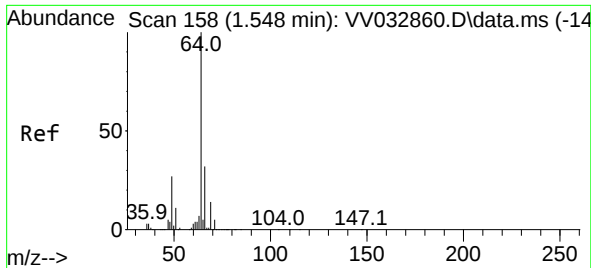
Tgt Ion: 62 Resp: 91911
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 41.314 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.006 min
 Lab File: VV032874.D
 Acq: 07 Nov 2023 17:01

Tgt Ion: 94 Resp: 65285
 Ion Ratio Lower Upper
 94 100
 96 92.8 64.2 119.2

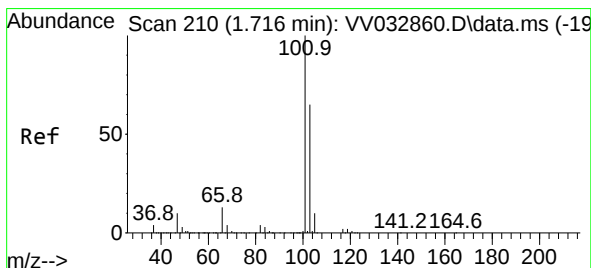
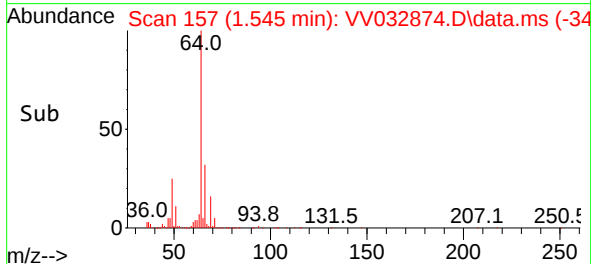
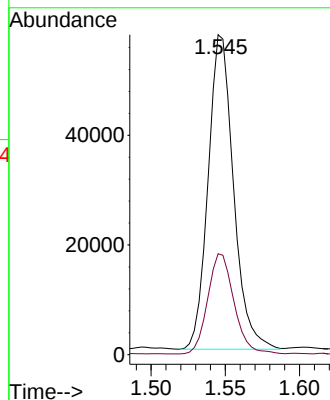
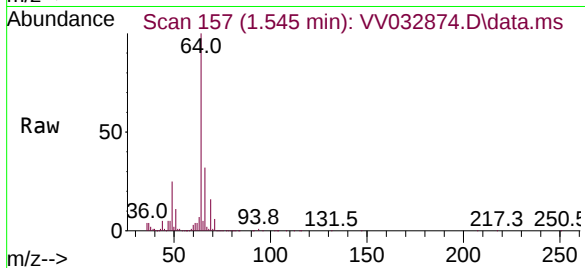




#8
Chloroethane
Concen: 44.693 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

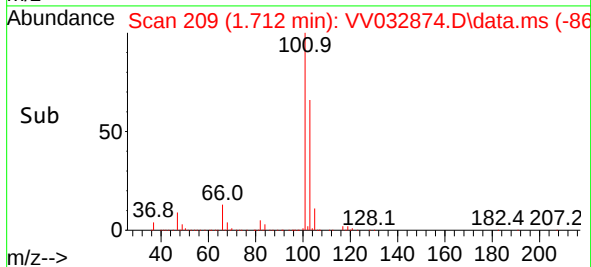
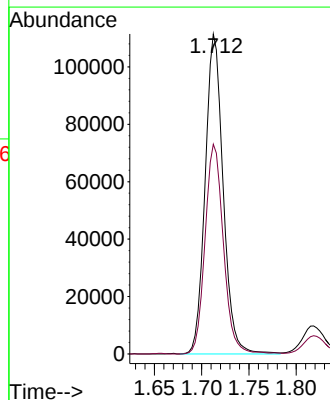
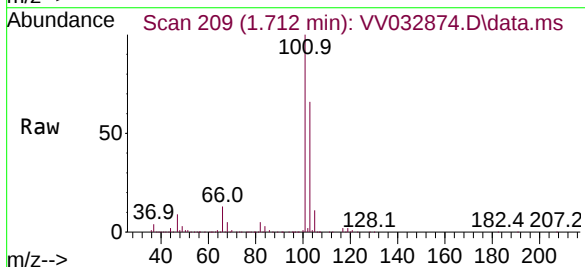
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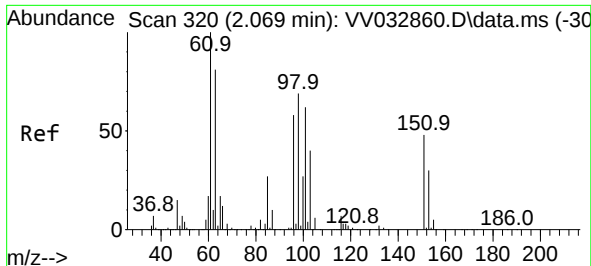
Tgt Ion: 64 Resp: 68139
Ion Ratio Lower Upper
64 100
66 31.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 40.910 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion:101 Resp: 147647
Ion Ratio Lower Upper
101 100
103 66.5 51.7 77.5

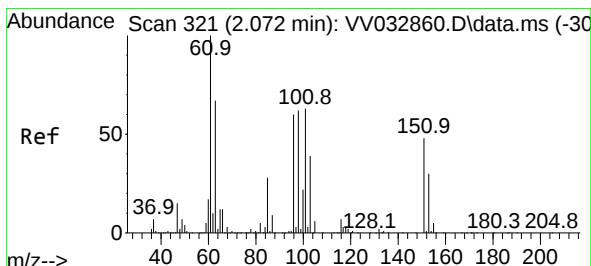
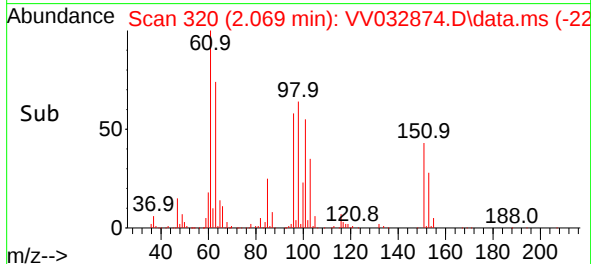
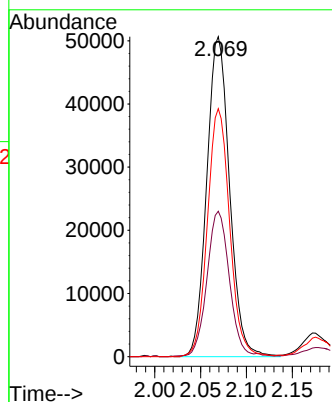
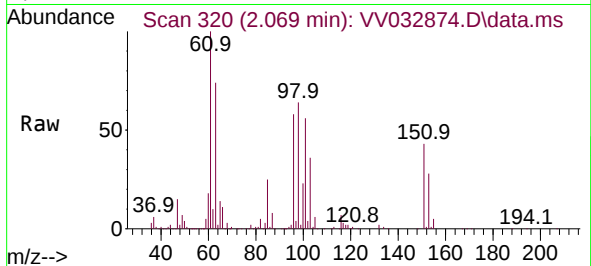




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 40.210 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032874.D
 Acq: 07 Nov 2023 17:01

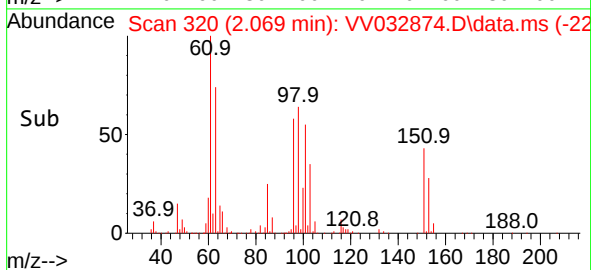
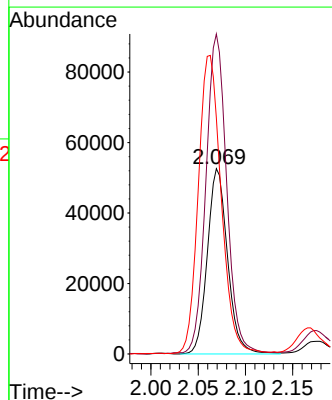
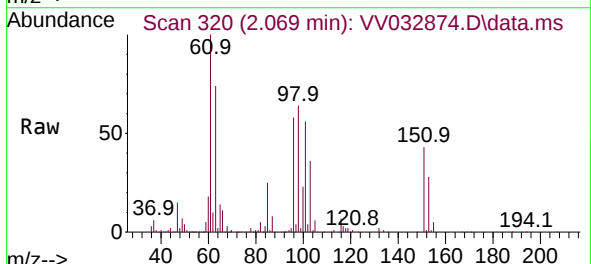
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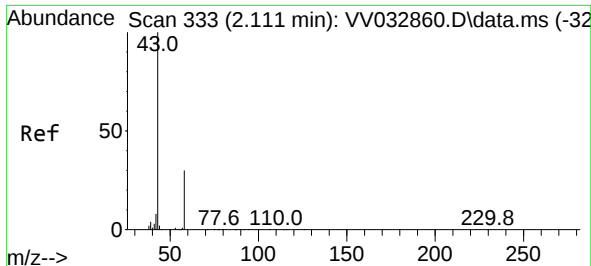
Tgt Ion:101 Resp: 87807
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.6 53.4
 151 75.4 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 41.891 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV032874.D
 Acq: 07 Nov 2023 17:01

Tgt Ion: 96 Resp: 78172
 Ion Ratio Lower Upper
 96 100
 61 172.7 124.2 230.6
 63 127.4 111.8 207.6





#13

Acetone

Concen: 64.799 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

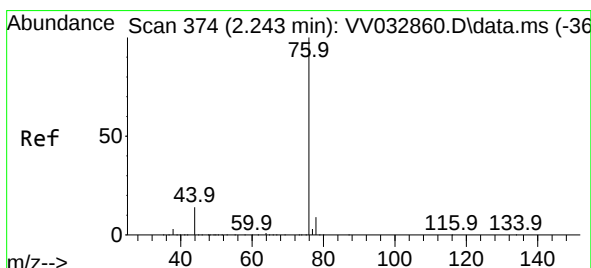
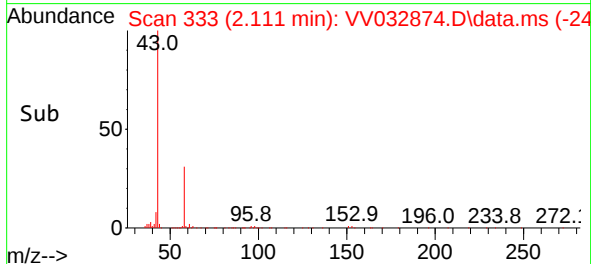
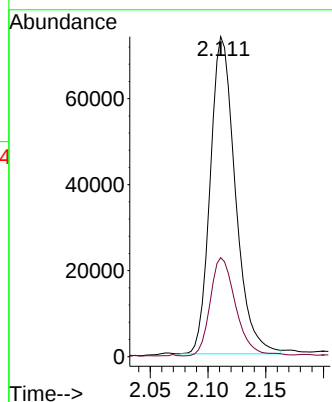
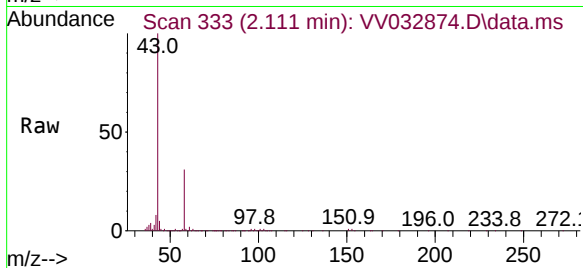
ClientSampleId :

Tgt Ion: 43 Resp: 111643

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.2



#14

Carbon disulfide

Concen: 40.121 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV032874.D

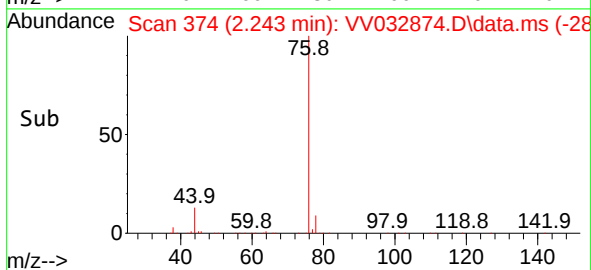
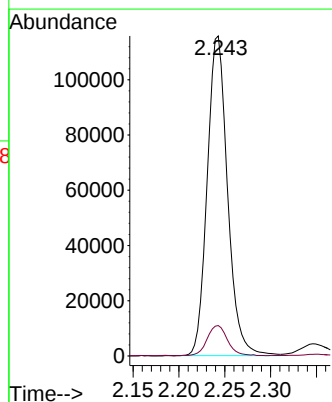
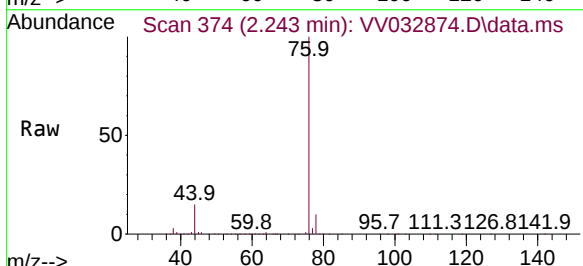
Acq: 07 Nov 2023 17:01

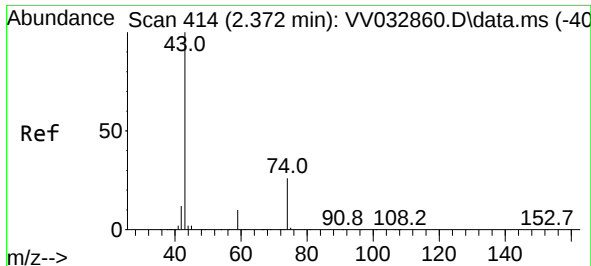
Tgt Ion: 76 Resp: 178726

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

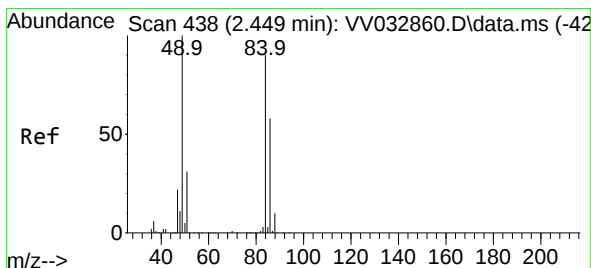
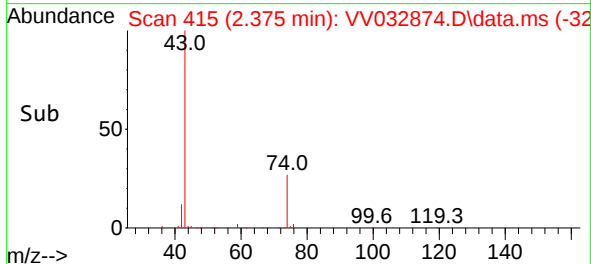
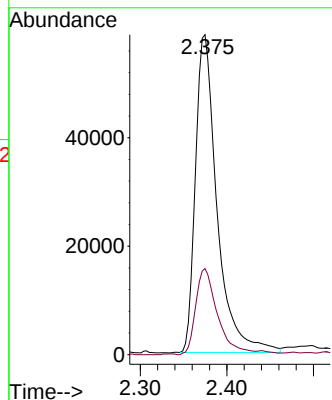
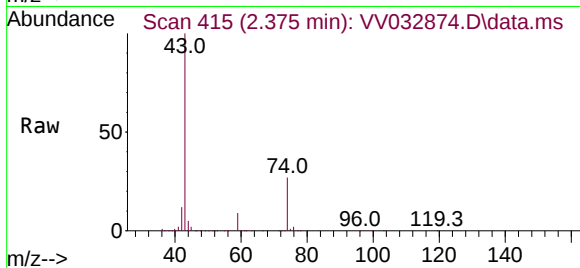




#15
Methyl Acetate
Concen: 58.179 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

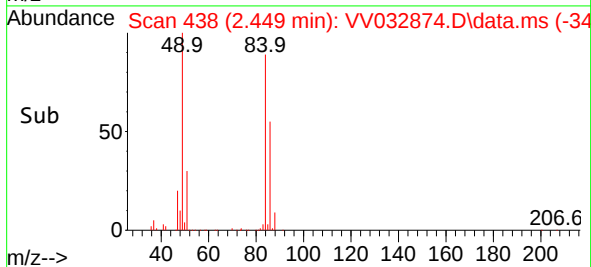
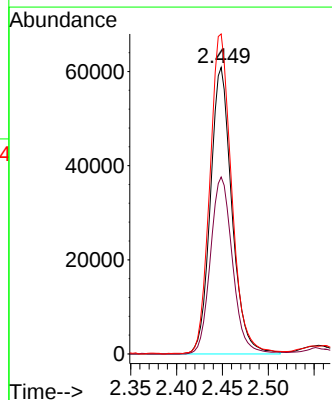
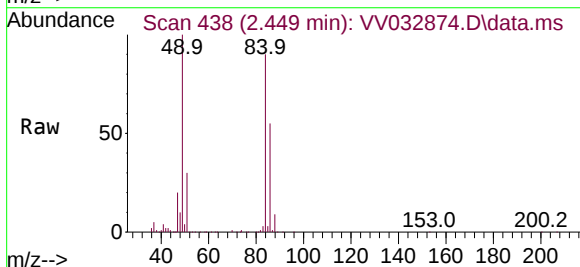
Instrument :
MSVOA_V
ClientSampleId :

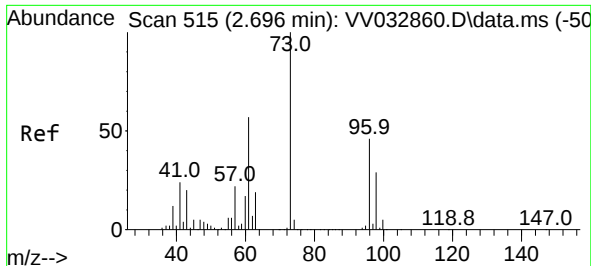
Tgt Ion: 43 Resp: 101633
Ion Ratio Lower Upper
43 100
74 27.3 20.6 30.8



#16
Methylene chloride
Concen: 40.133 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 84 Resp: 99338
Ion Ratio Lower Upper
84 100
86 61.8 45.0 83.6
49 111.7 81.2 150.8





#17

trans-1,2-Dichloroethene

Concen: 43.109 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

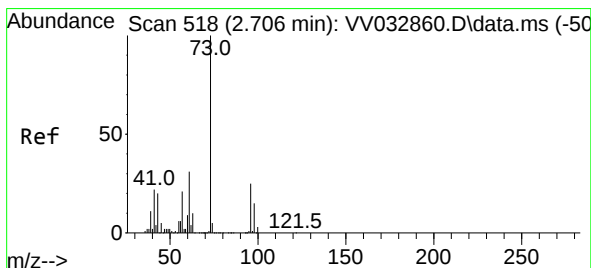
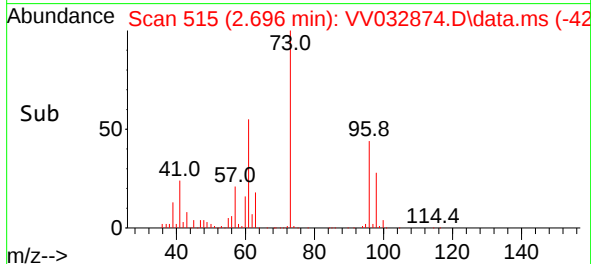
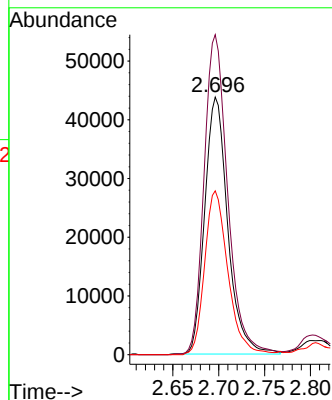
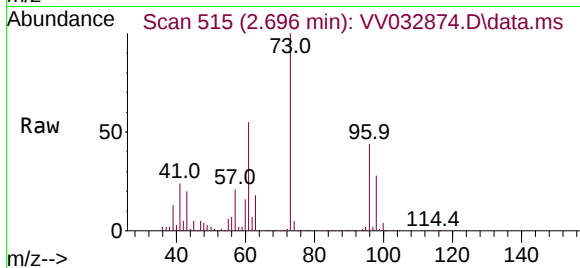
Tgt Ion: 96 Resp: 76781

Ion Ratio Lower Upper

96 100

61 124.2 86.9 161.3

98 63.6 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 52.141 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

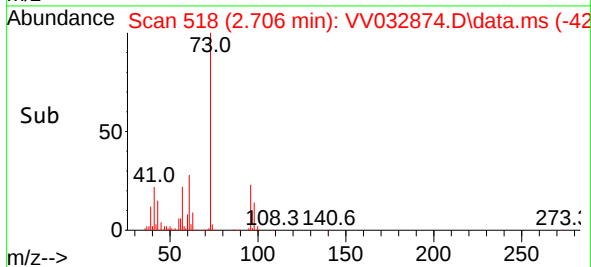
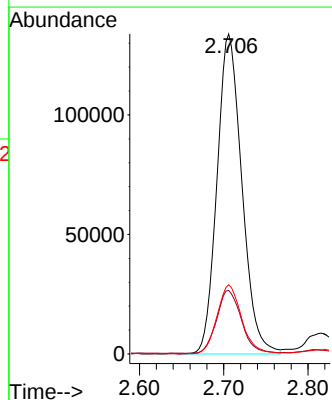
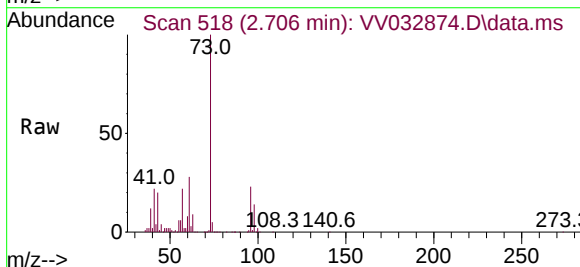
Tgt Ion: 73 Resp: 274257

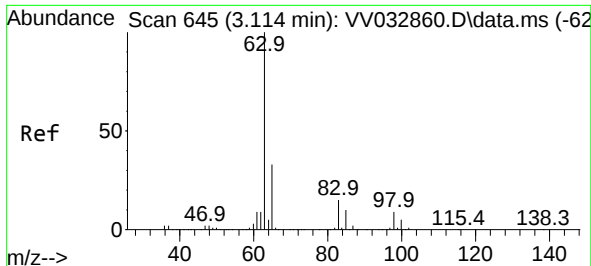
Ion Ratio Lower Upper

73 100

43 19.3 16.1 24.1

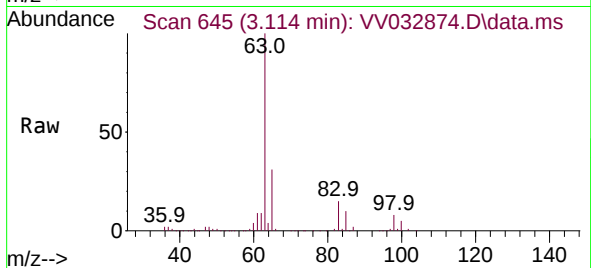
57 21.4 17.4 26.0



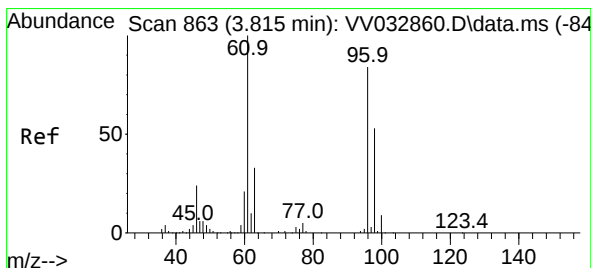
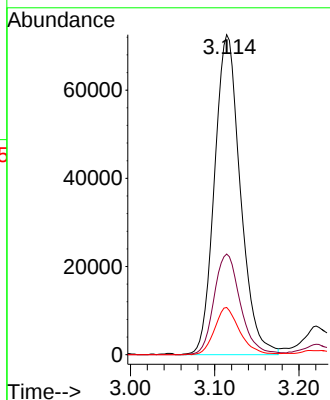
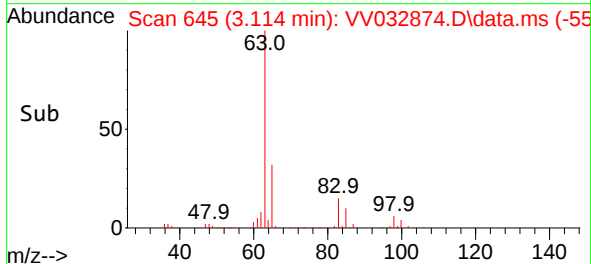


#19
1,1-Dichloroethane
Concen: 45.517 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Instrument :
MSVOA_V
ClientSampleId :

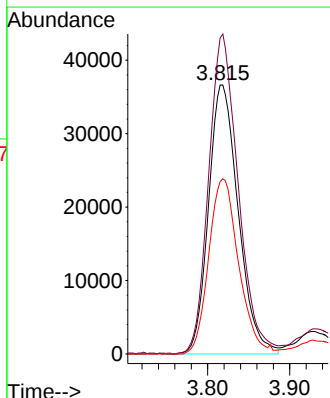
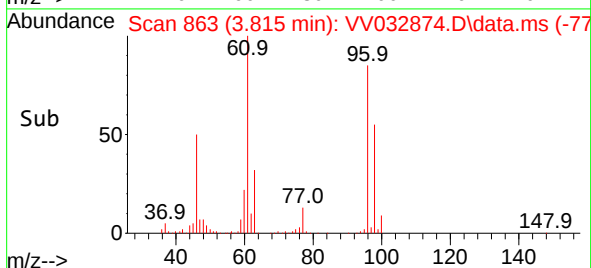
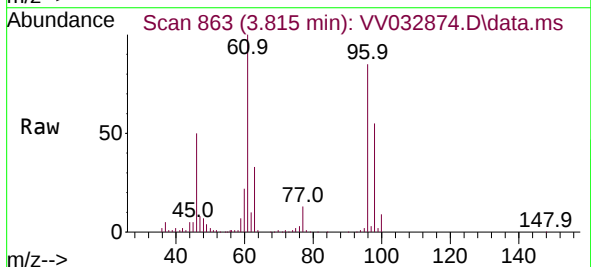


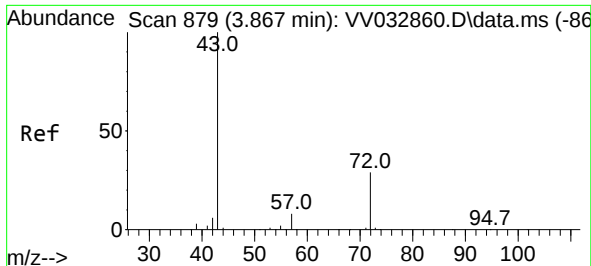
Tgt Ion: 63 Resp: 154498
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.5
83 14.8 10.1 18.7



#20
cis-1,2-Dichloroethene
Concen: 46.974 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 96 Resp: 92401
Ion Ratio Lower Upper
96 100
61 117.5 83.3 154.7
98 64.1 44.2 82.2

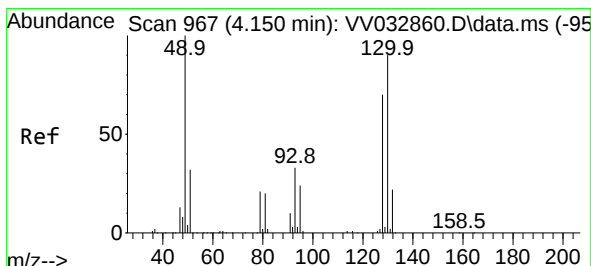
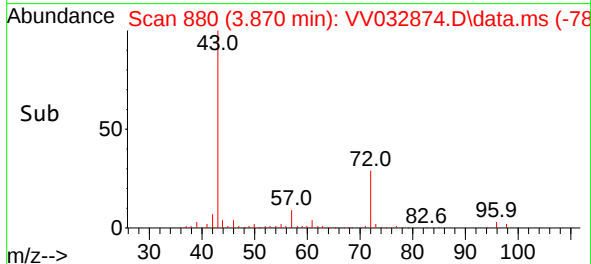
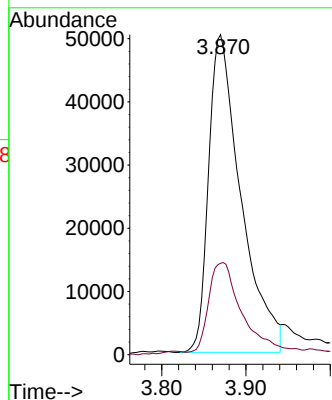
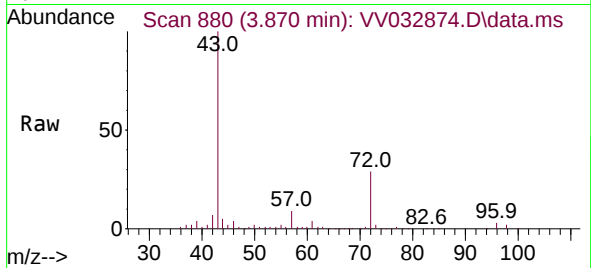




#22
2-Butanone
Concen: 91.681 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

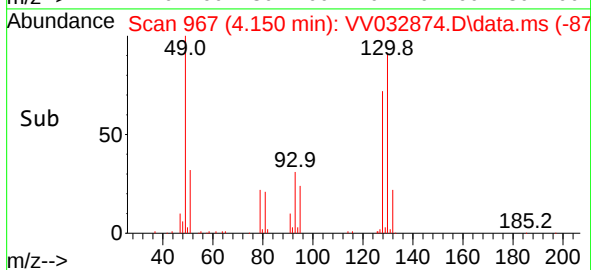
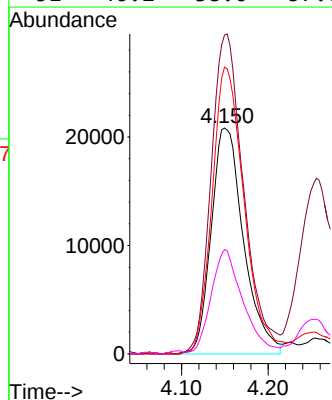
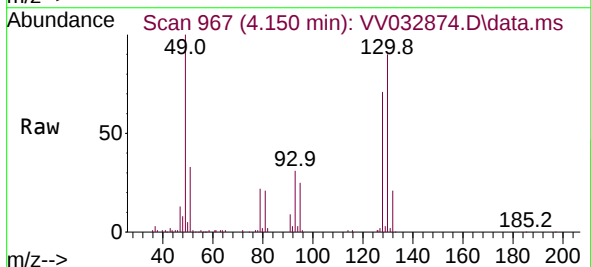
Instrument :
MSVOA_V
ClientSampleId :

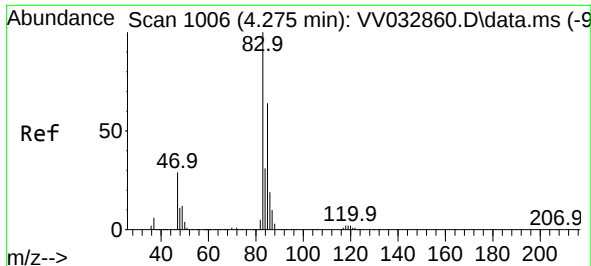
Tgt Ion: 43 Resp: 133959
Ion Ratio Lower Upper
43 100
72 28.6 13.5 40.4



#23
Bromochloromethane
Concen: 49.337 ug/L
RT: 4.150 min Scan# 967
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion:128 Resp: 54167
Ion Ratio Lower Upper
128 100
49 141.1 101.0 187.6
130 127.0 88.5 164.4
51 46.2 38.0 57.0

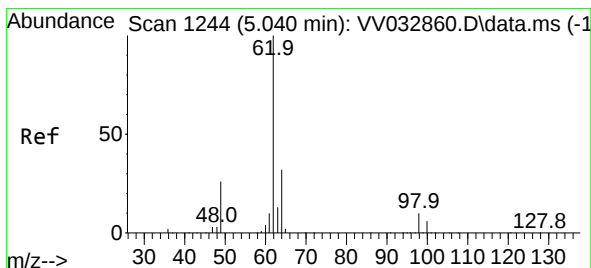
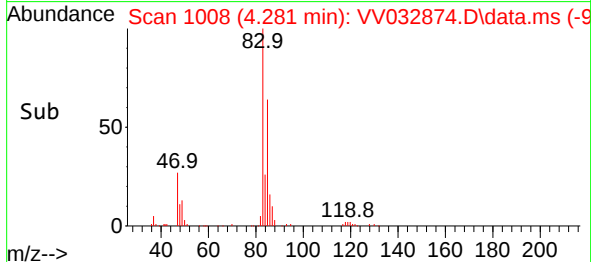
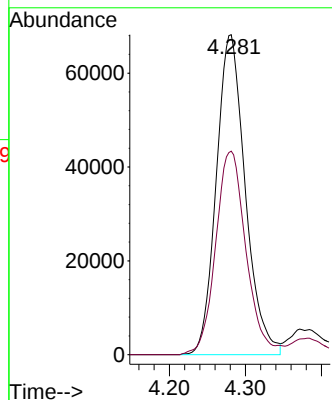
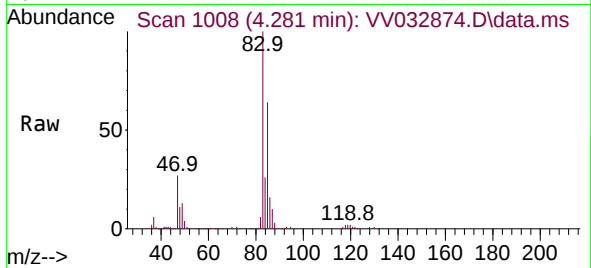




#25
Chloroform
Concen: 46.716 ug/L
RT: 4.281 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

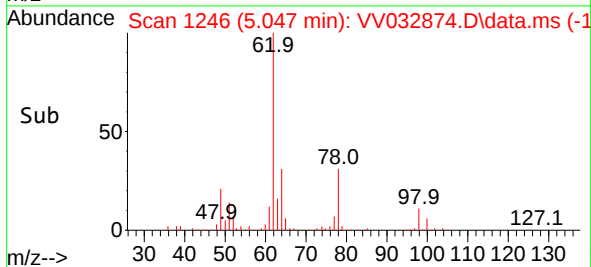
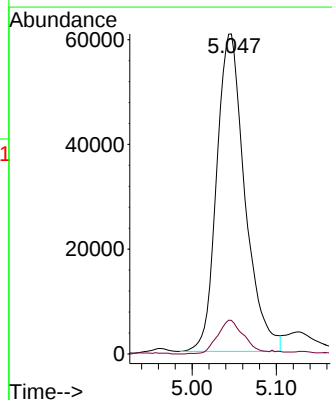
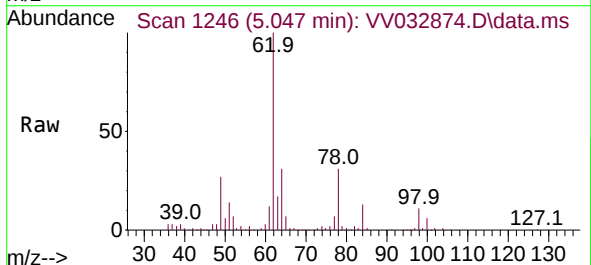
Instrument :
MSVOA_V
ClientSampleId :

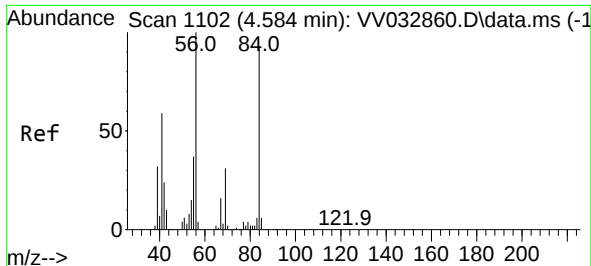
Tgt Ion: 83 Resp: 180727
Ion Ratio Lower Upper
83 100
85 63.6 46.2 85.8



#27
1,2-Dichloroethane
Concen: 50.720 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 62 Resp: 141409
Ion Ratio Lower Upper
62 100
98 10.5 7.5 11.3





#29

Cyclohexane

Concen: 37.988 ug/L

RT: 4.587 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

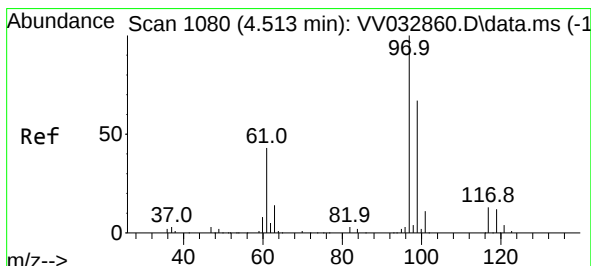
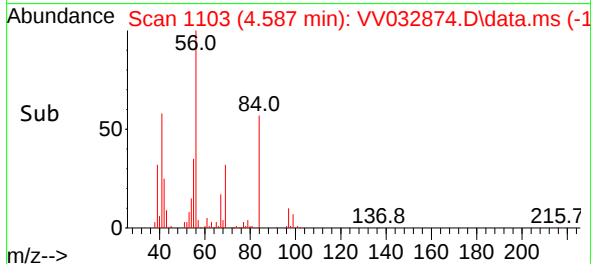
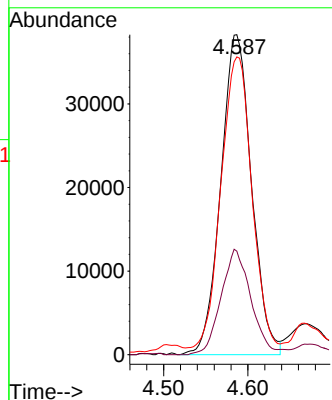
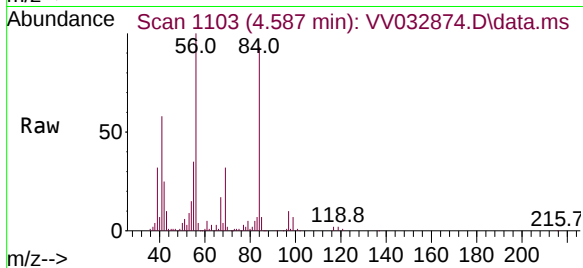
Tgt Ion: 56 Resp: 97005

Ion Ratio Lower Upper

56 100

69 31.7 13.4 20.0#

84 89.9 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 43.889 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

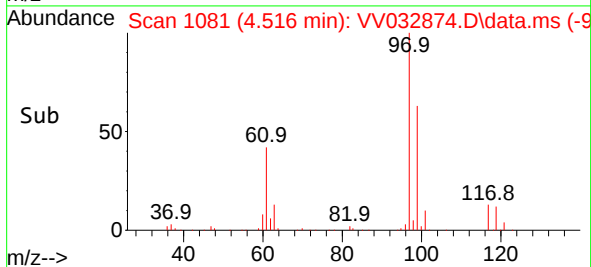
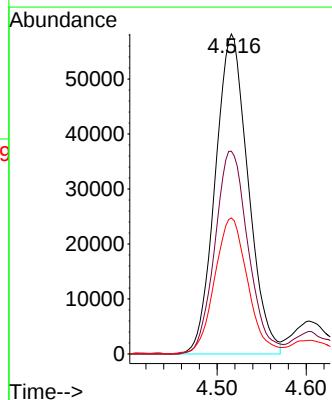
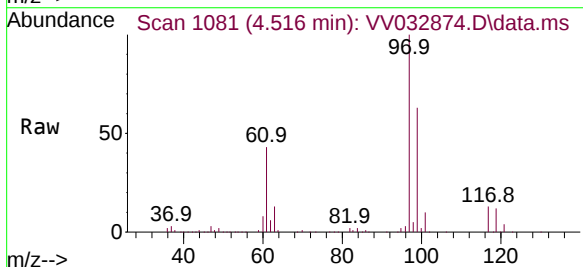
Tgt Ion: 97 Resp: 149401

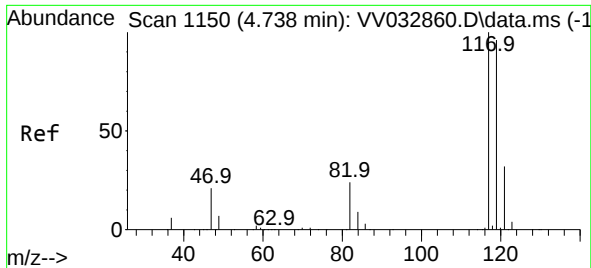
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

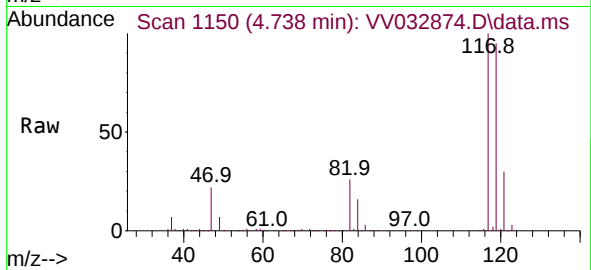
61 42.6 34.8 52.2



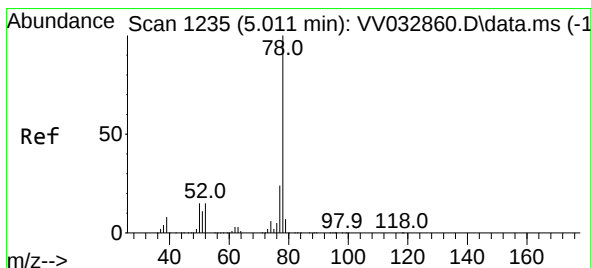
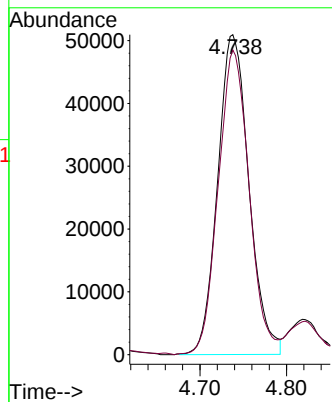
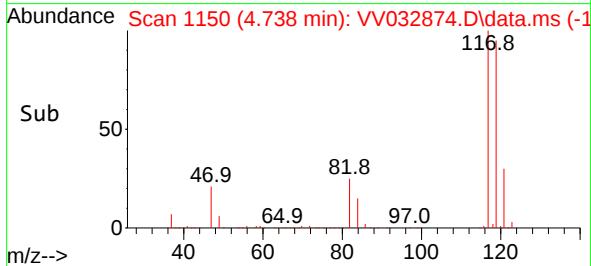


#31
Carbon tetrachloride
Concen: 42.449 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Instrument :
MSVOA_V
ClientSampleId :

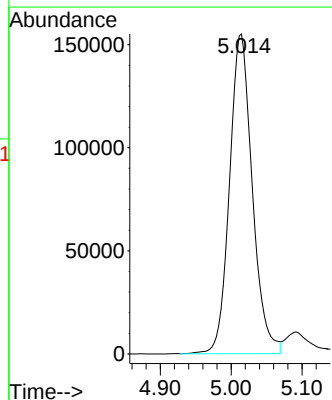
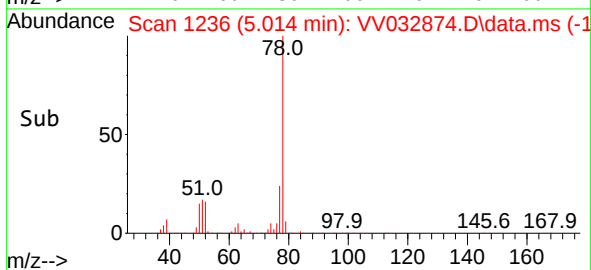
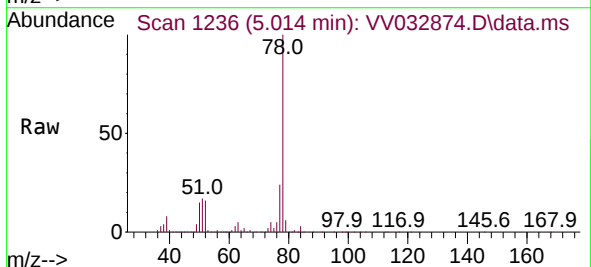


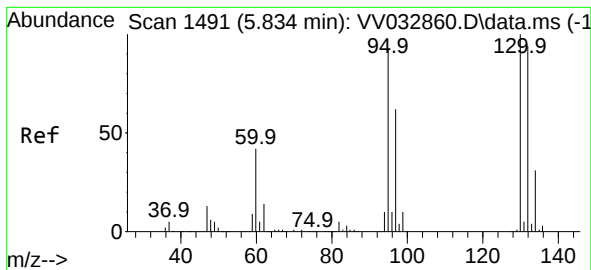
Tgt Ion:117 Resp: 127689
Ion Ratio Lower Upper
117 100
119 94.1 76.6 115.0



#33
Benzene
Concen: 46.023 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 78 Resp: 346737





#34

Trichloroethene

Concen: 41.882 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 87837

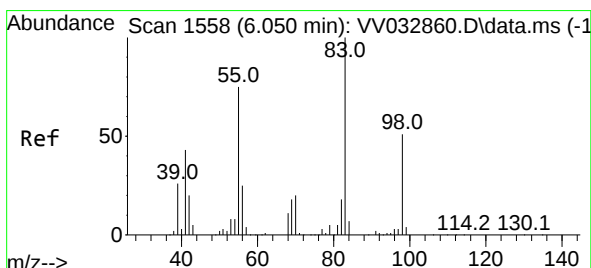
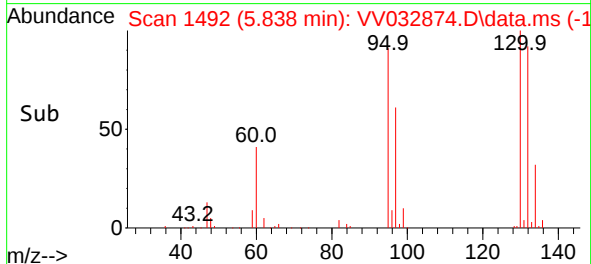
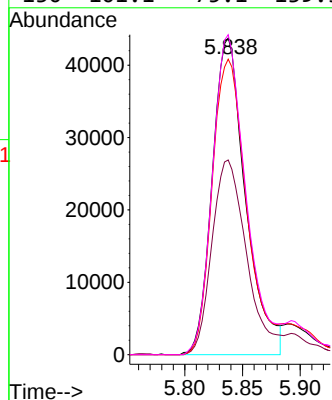
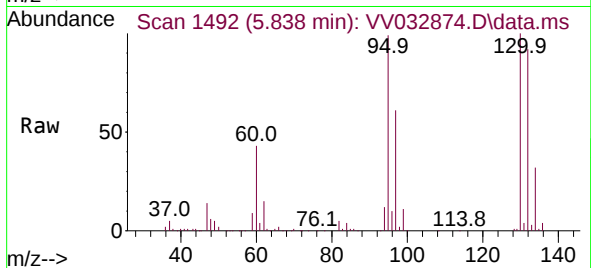
Ion Ratio Lower Upper

95 100

97 61.5 46.3 85.9

132 93.3 69.0 128.2

130 101.1 75.1 139.5



#35

Methylcyclohexane

Concen: 36.829 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

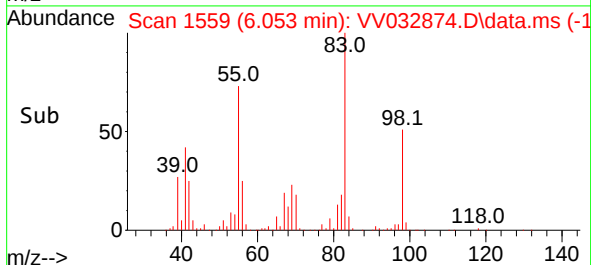
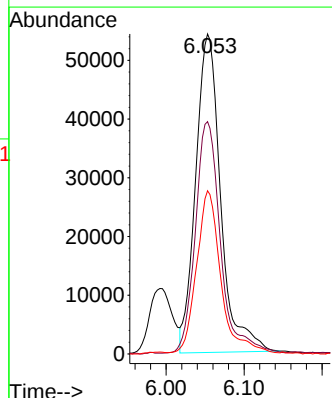
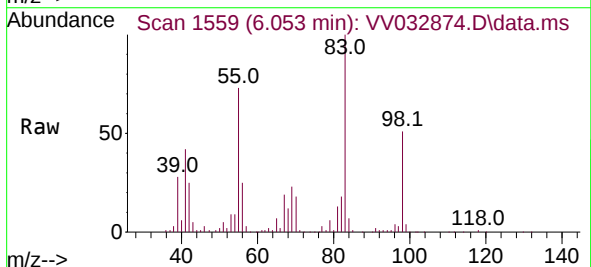
Tgt Ion: 83 Resp: 120860

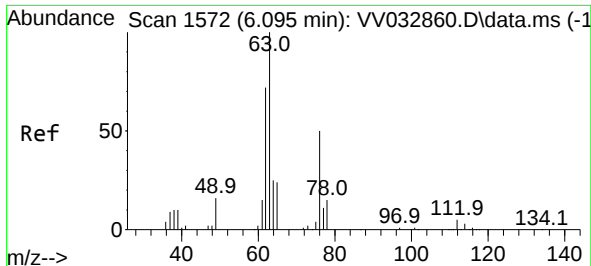
Ion Ratio Lower Upper

83 100

55 73.4 57.8 86.8

98 50.3 39.4 59.2





#37

1,2-Dichloropropane

Concen: 45.068 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

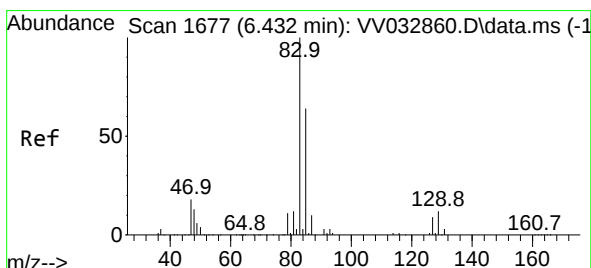
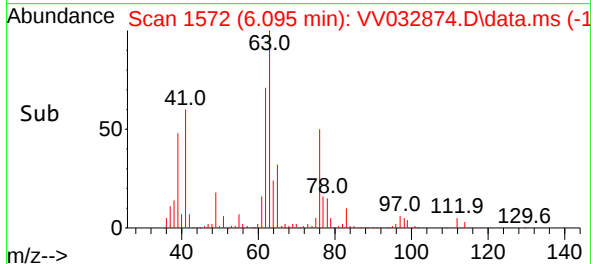
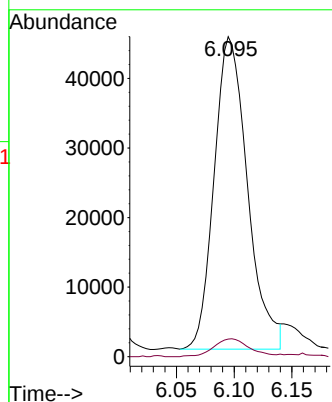
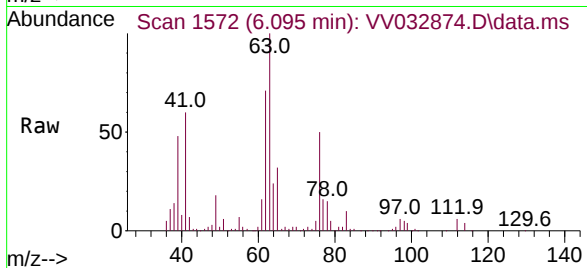
ClientSampleId :

Tgt Ion: 63 Resp: 90131

Ion Ratio Lower Upper

63 100

112 6.1 4.1 6.1



#38

Bromodichloromethane

Concen: 46.257 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

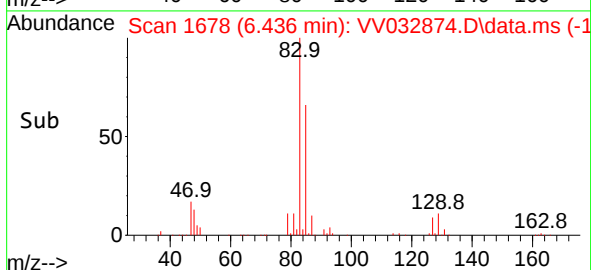
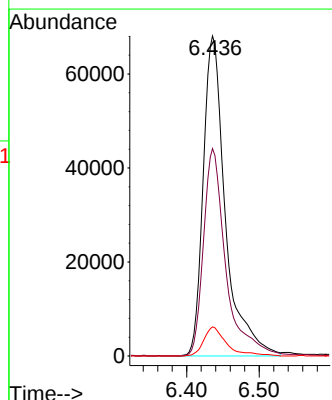
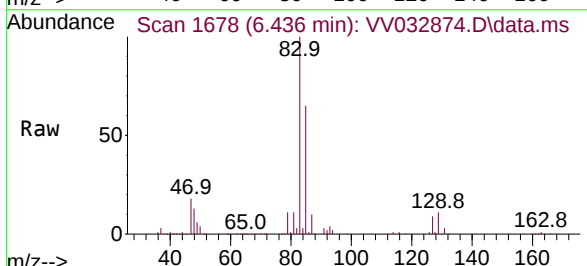
Tgt Ion: 83 Resp: 145130

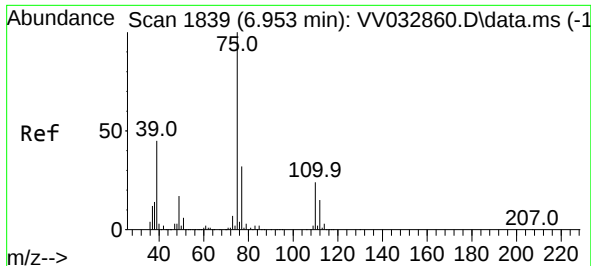
Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.9

127 10.1 6.6 9.8#





#39

cis-1,3-Dichloropropene

Concen: 47.946 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

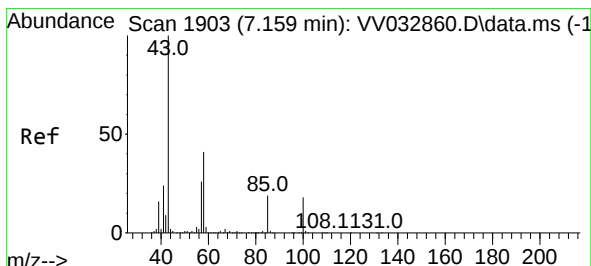
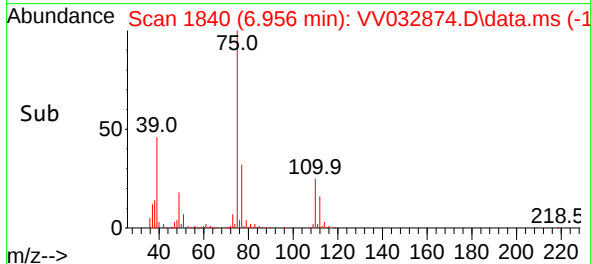
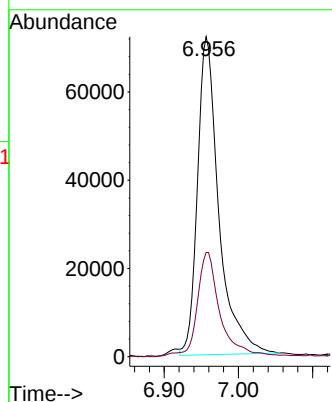
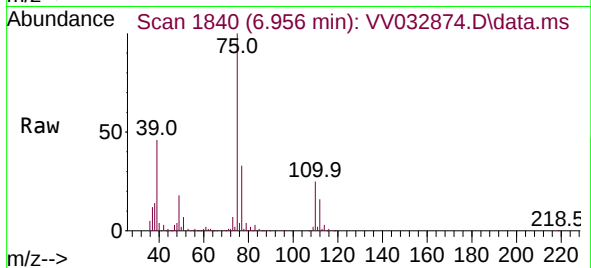
ClientSampleId :

Tgt Ion: 75 Resp: 143851

Ion Ratio Lower Upper

75 100

77 32.5 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 126.118 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

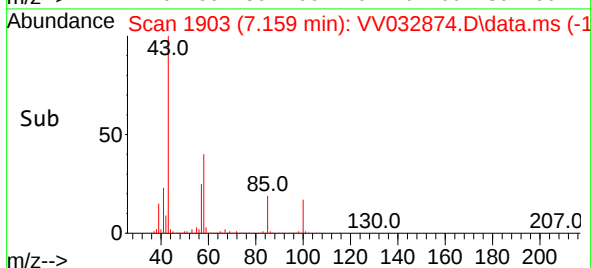
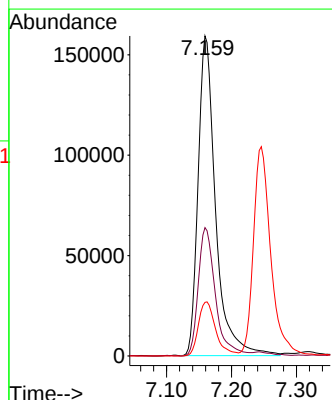
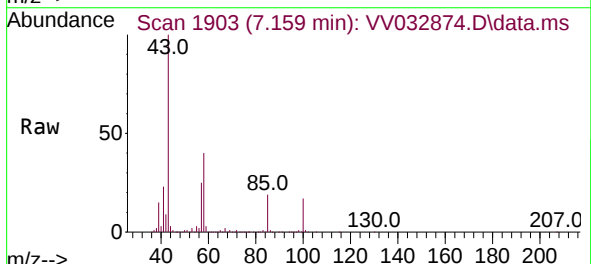
Tgt Ion: 43 Resp: 298911

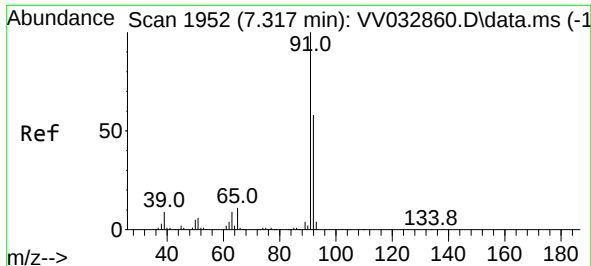
Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.0

100 16.9 13.3 19.9

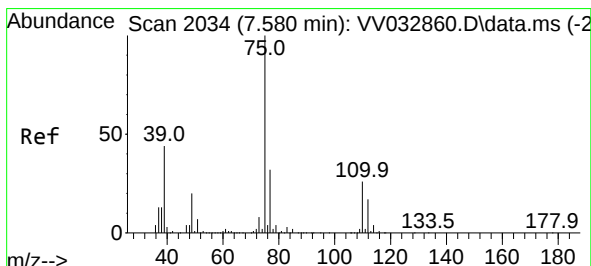
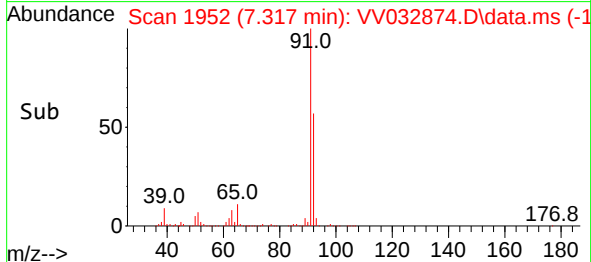
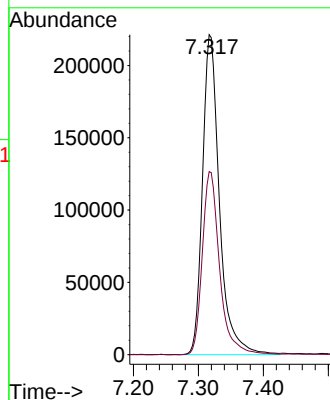
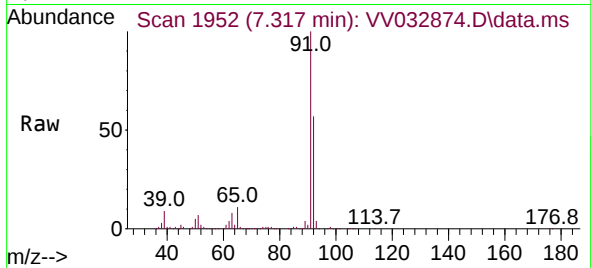




#42
Toluene
Concen: 46.934 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

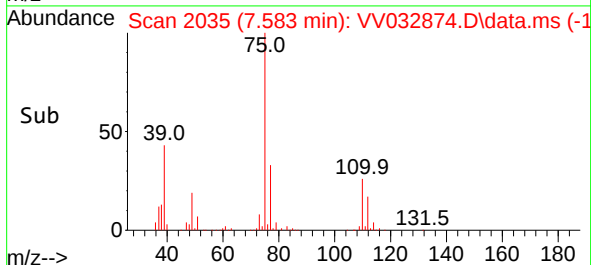
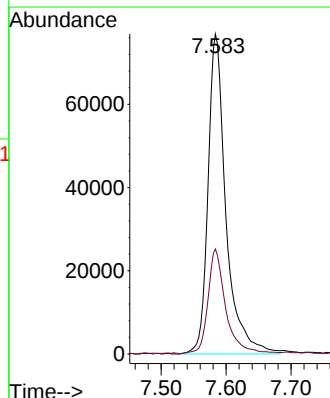
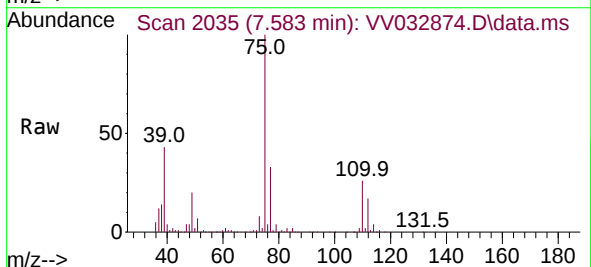
Instrument :
MSVOA_V
ClientSampleId :

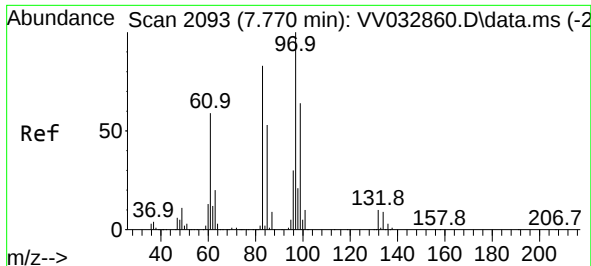
Tgt Ion: 91 Resp: 402687
Ion Ratio Lower Upper
91 100
92 57.2 40.0 74.2



#44
trans-1,3-Dichloropropene
Concen: 47.923 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. 0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

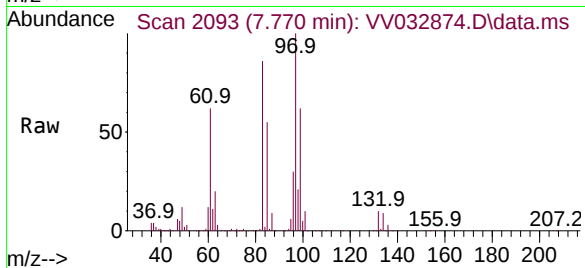
Tgt Ion: 75 Resp: 147685
Ion Ratio Lower Upper
75 100
77 32.8 22.0 40.8



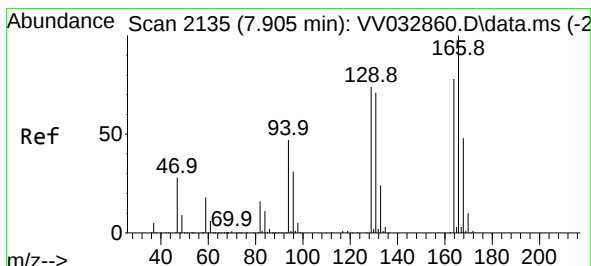
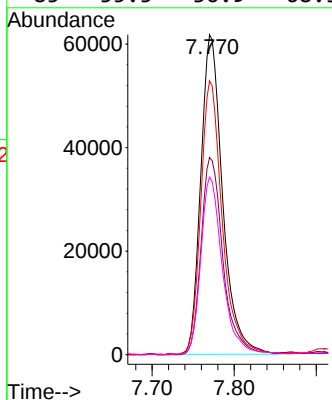
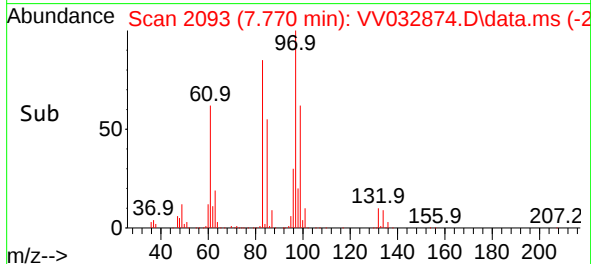


#45
1,1,2-Trichloroethane
Concen: 49.760 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Instrument :
MSVOA_V
ClientSampleId :

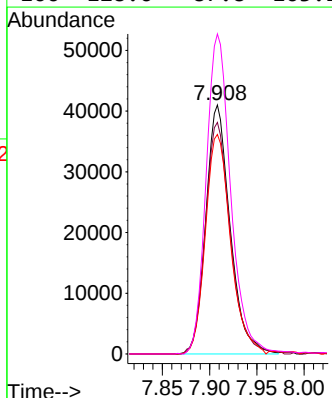
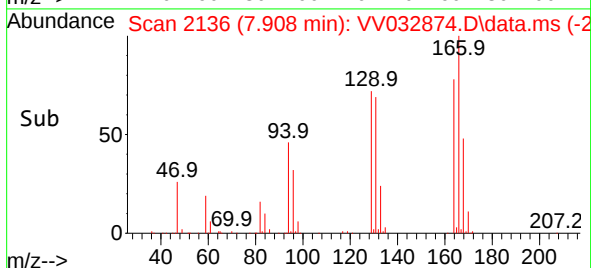
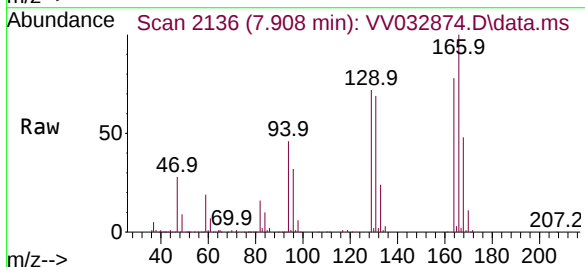


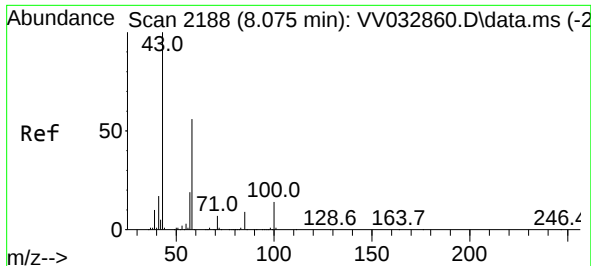
Tgt Ion:	97	Resp:	114143
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.8	79.6
83	85.6	58.4	108.4
85	55.5	36.9	68.5



#46
Tetrachloroethene
Concen: 38.731 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion:	164	Resp:	73292
Ion	Ratio	Lower	Upper
164	100		
129	93.1	65.3	121.3
131	88.2	65.0	120.8
166	128.6	87.8	163.2

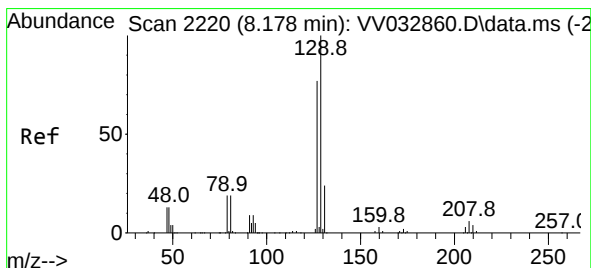
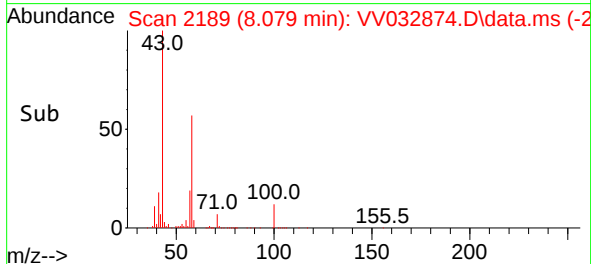
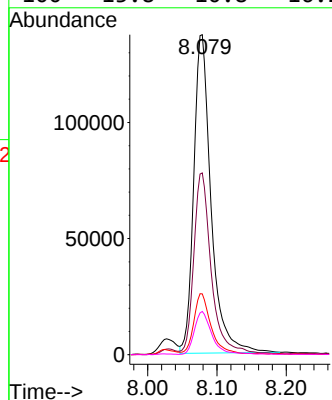
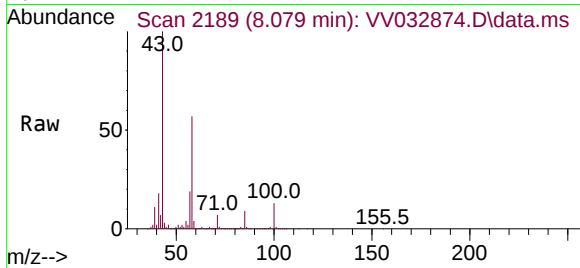




#48
2-Hexanone
Concen: 112.768 ug/L
RT: 8.079 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

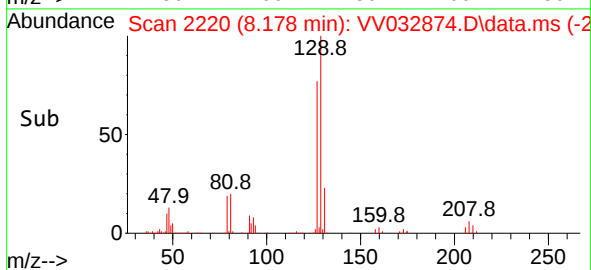
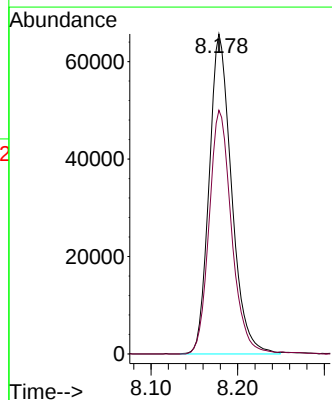
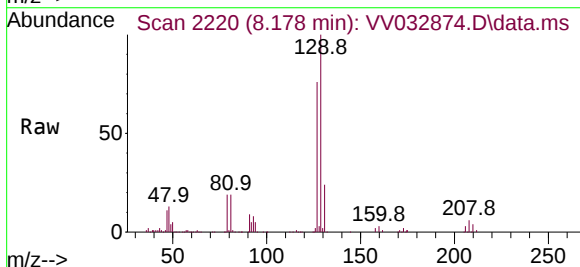
Instrument :
MSVOA_V
ClientSampleId :

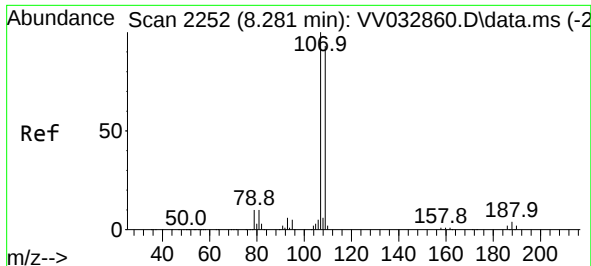
Tgt Ion:	43	Resp:	239802
Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.3	64.9
57	18.1	15.5	23.3
100	13.8	10.8	16.2



#49
Dibromochloromethane
Concen: 49.239 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion:	129	Resp:	118086
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.7	101.5





#50

1,2-Dibromoethane

Concen: 51.760 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

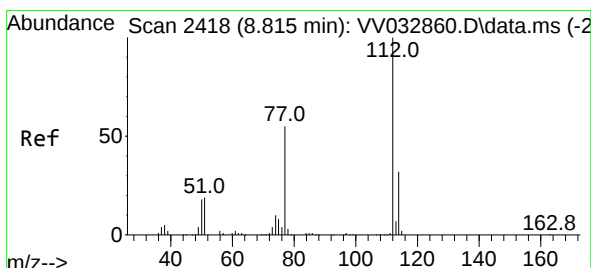
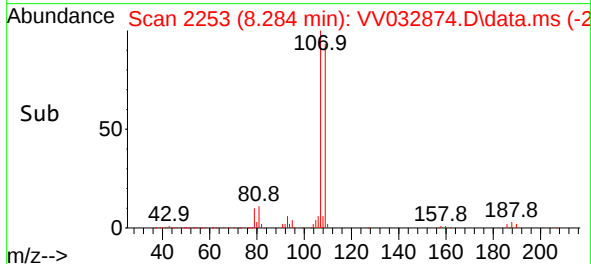
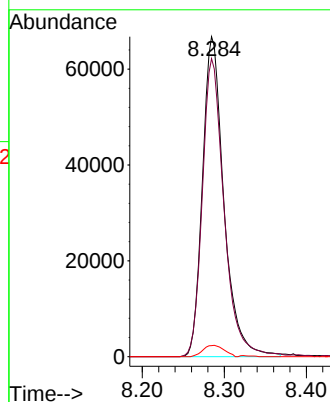
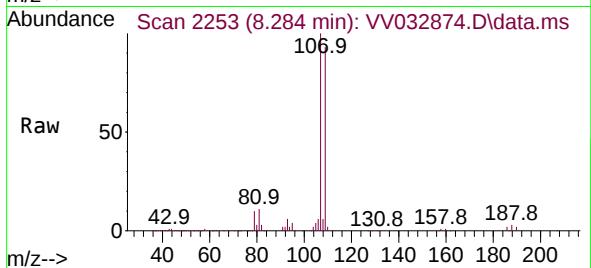
Tgt Ion:107 Resp: 120961

Ion Ratio Lower Upper

107 100

109 93.2 66.4 123.2

188 3.5 3.0 4.6



#51

Chlorobenzene

Concen: 44.656 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

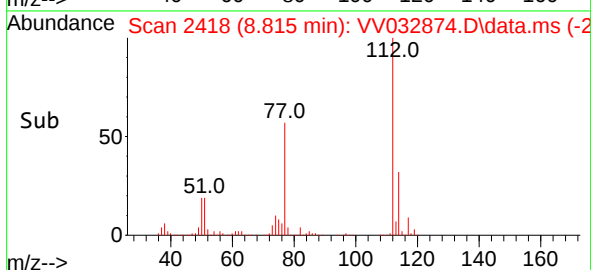
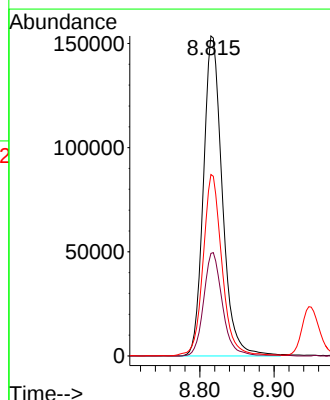
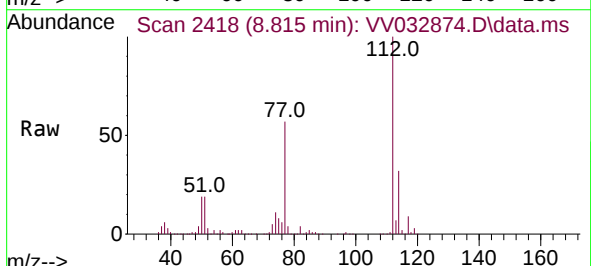
Tgt Ion:112 Resp: 271251

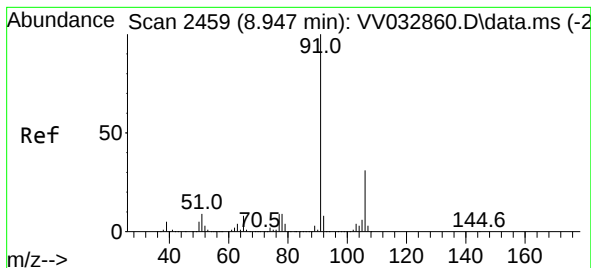
Ion Ratio Lower Upper

112 100

114 32.0 21.6 40.2

77 56.7 44.4 66.6





#52

Ethylbenzene

Concen: 44.392 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

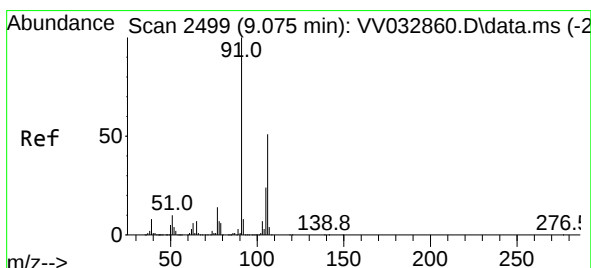
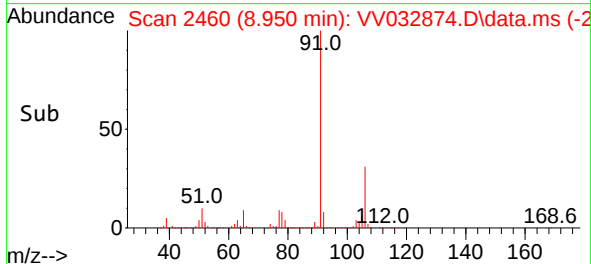
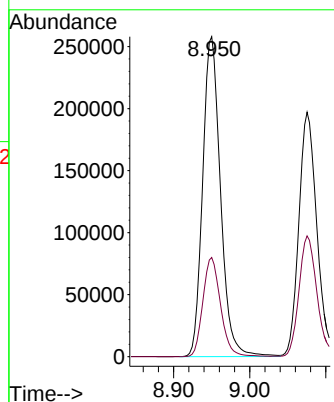
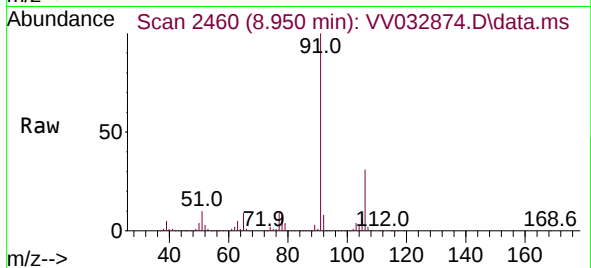
ClientSampleId :

Tgt Ion: 91 Resp: 420142

Ion Ratio Lower Upper

91 100

106 31.0 21.7 40.3



#53

m,p-Xylene

Concen: 44.293 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.000 min

Lab File: VV032874.D

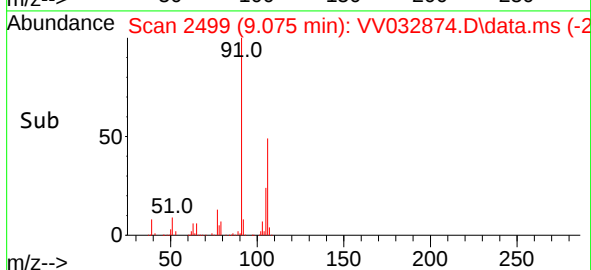
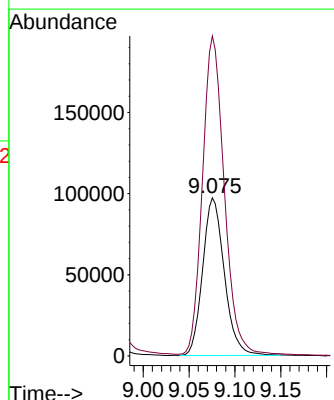
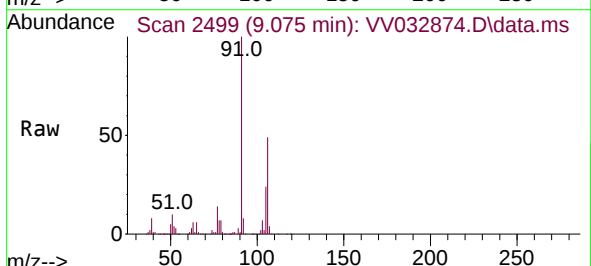
Acq: 07 Nov 2023 17:01

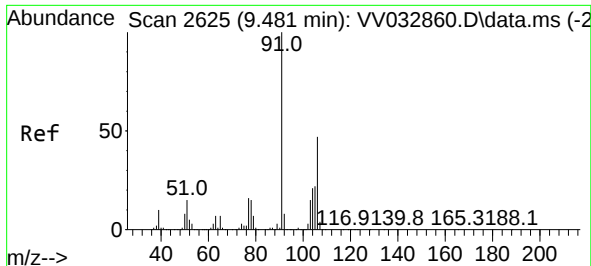
Tgt Ion: 106 Resp: 159546

Ion Ratio Lower Upper

106 100

91 202.4 139.7 259.5

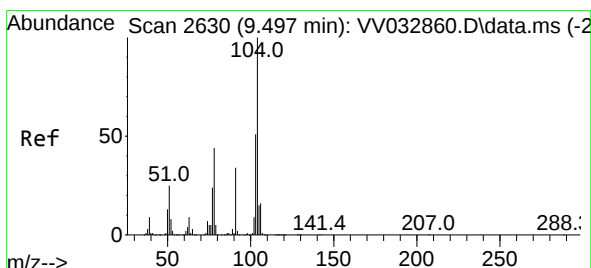
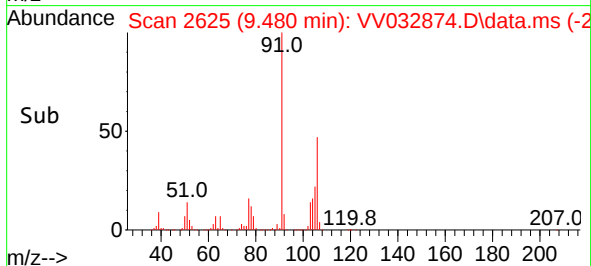
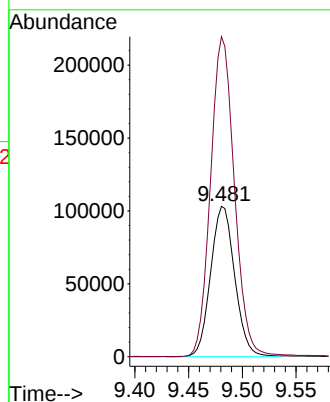
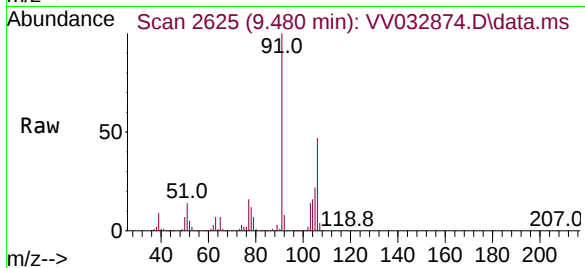




#54
o-Xylene
Concen: 46.137 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

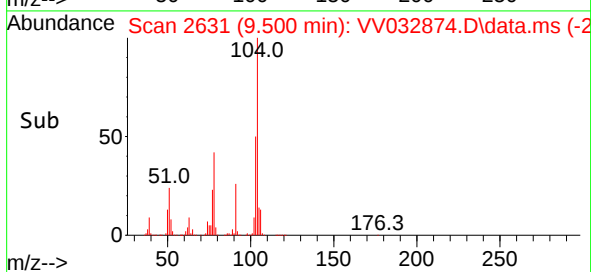
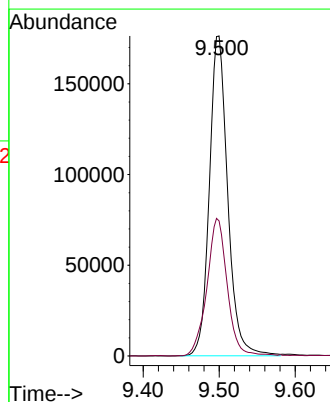
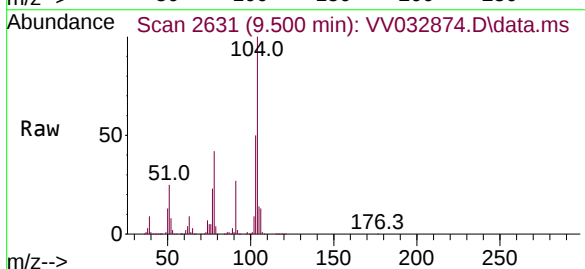
Instrument :
MSVOA_V
ClientSampleId :

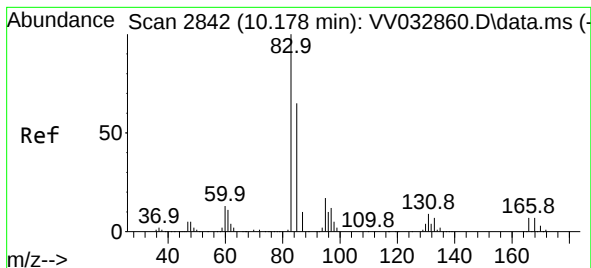
Tgt Ion:106 Resp: 161001
Ion Ratio Lower Upper
106 100
91 212.8 151.0 280.4



#55
Styrene
Concen: 48.598 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion:104 Resp: 295543
Ion Ratio Lower Upper
104 100
78 42.2 30.1 55.9

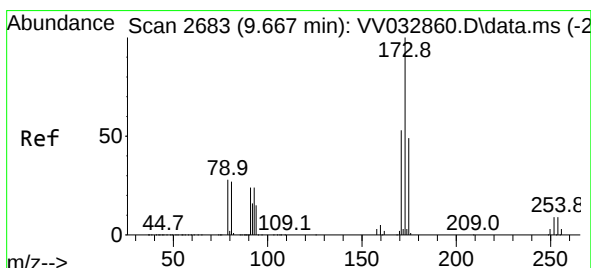
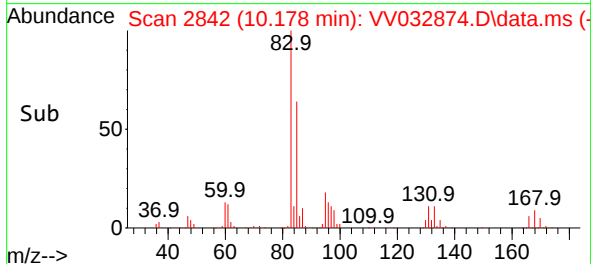
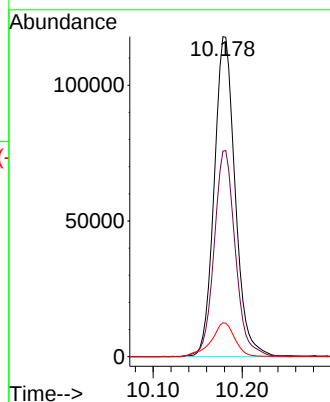
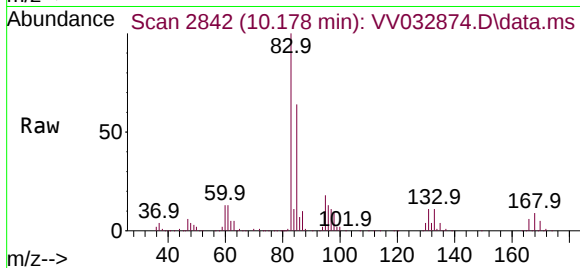




#57
1,1,2,2-Tetrachloroethane
Concen: 56.209 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

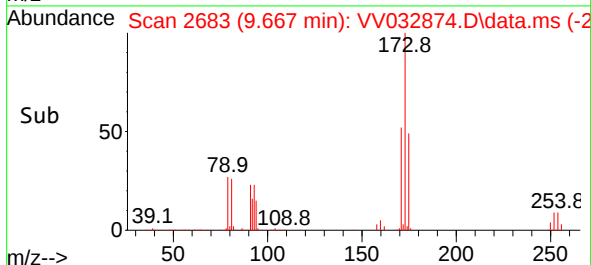
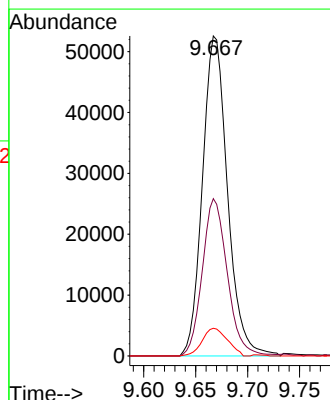
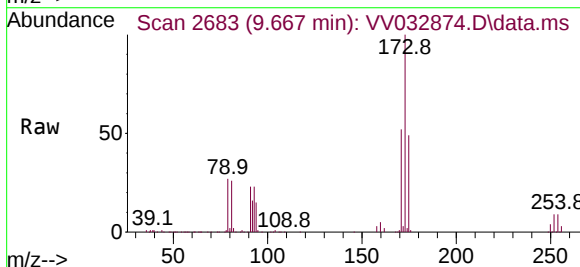
Instrument :
MSVOA_V
ClientSampleId :

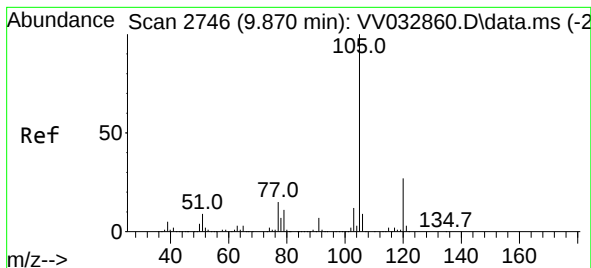
Tgt Ion: 83 Resp: 193110
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
131 10.6 7.8 11.6



#59
Bromoform
Concen: 51.878 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 173 Resp: 88265
Ion Ratio Lower Upper
173 100
175 49.0 38.4 57.6
254 8.7 7.0 10.6





#60

Isopropylbenzene

Concen: 46.053 ug/L

RT: 9.870 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

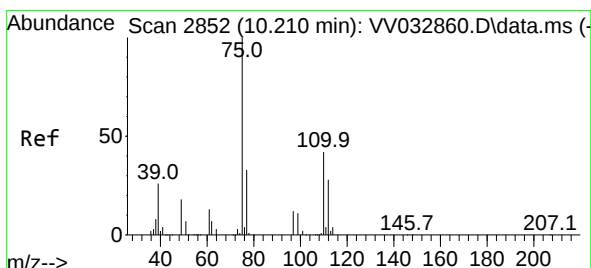
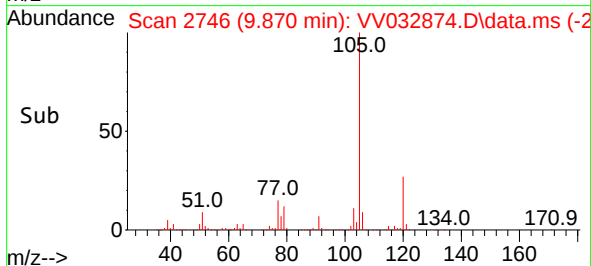
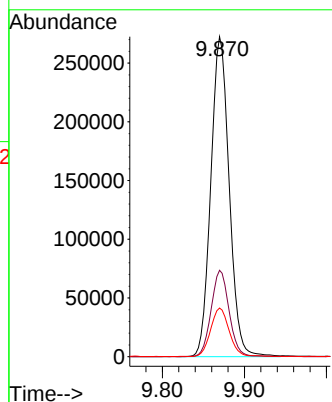
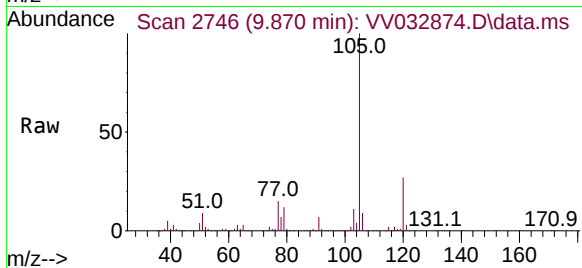
Tgt Ion:105 Resp: 423814

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

77 15.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 55.735 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

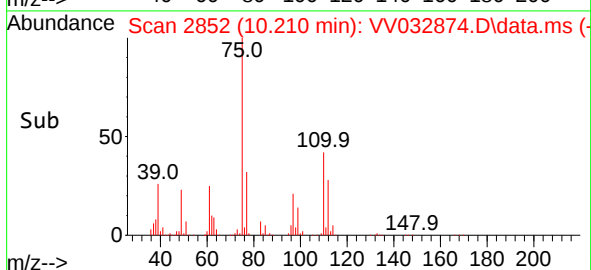
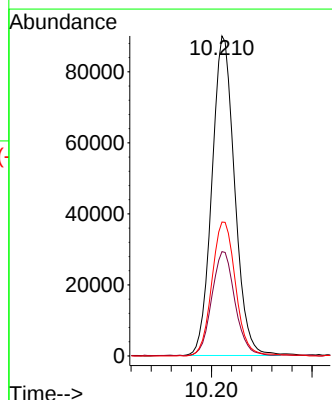
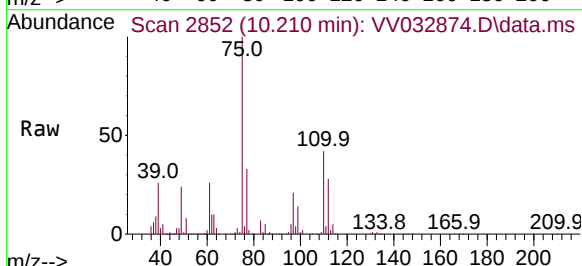
Tgt Ion: 75 Resp: 141274

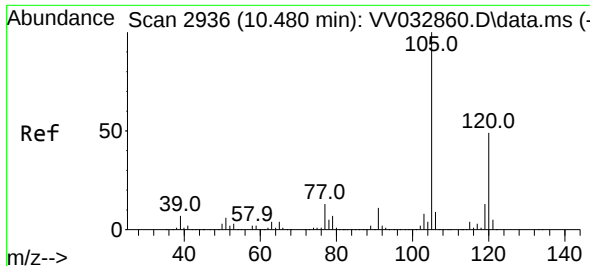
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

110 43.4 34.3 51.5

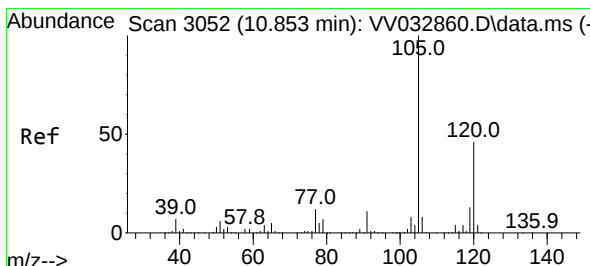
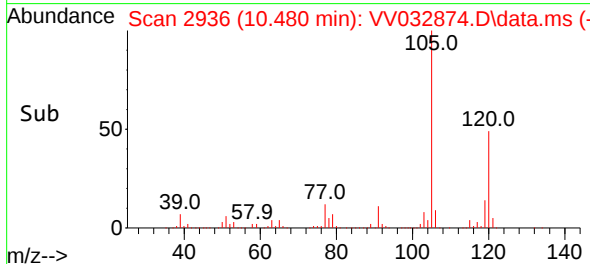
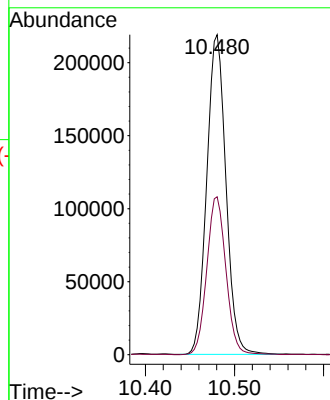
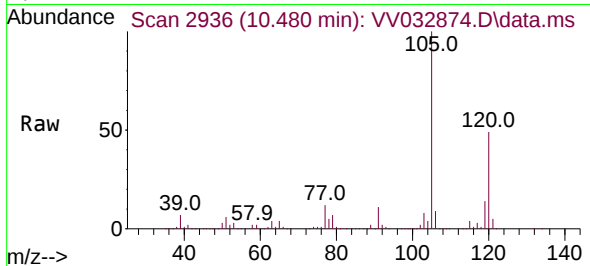




#62
 1,3,5-Trimethylbenzene
 Concen: 45.143 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV032874.D
 Acq: 07 Nov 2023 17:01

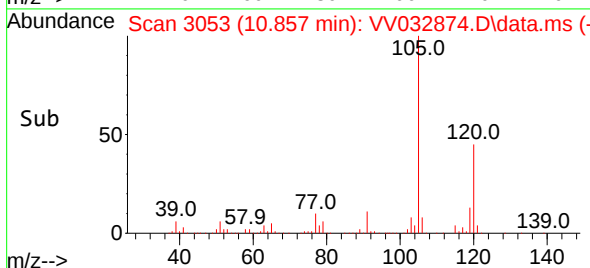
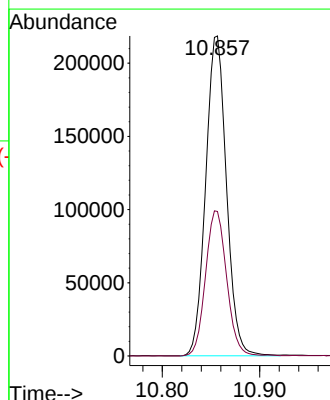
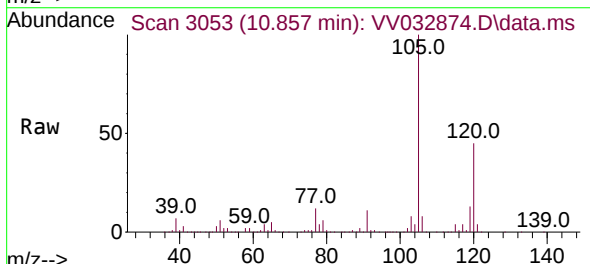
Instrument :
 MSVOA_V
 ClientSampleId :

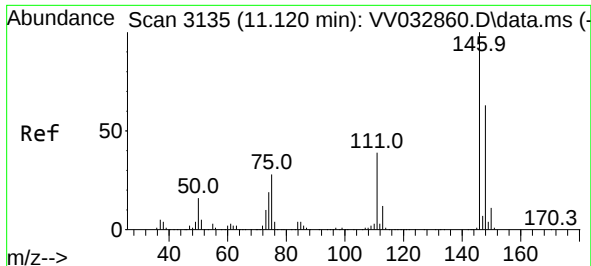
Tgt Ion:105 Resp: 326919
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 46.621 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032874.D
 Acq: 07 Nov 2023 17:01

Tgt Ion:105 Resp: 322966
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.0 55.6

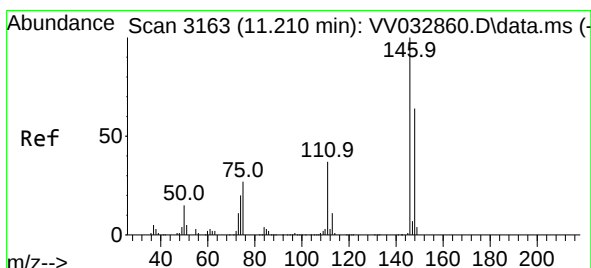
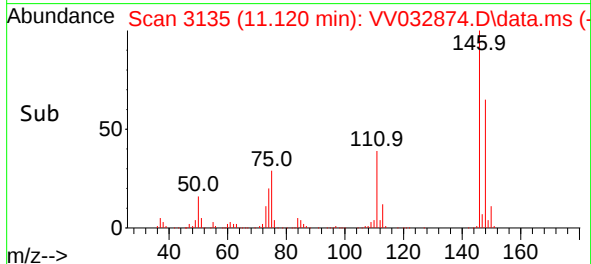
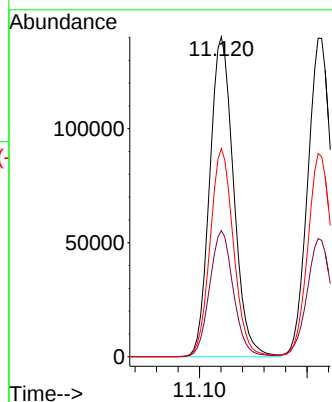
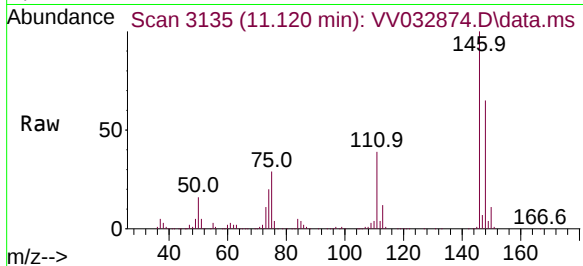




#64
1,3-Dichlorobenzene
Concen: 45.174 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

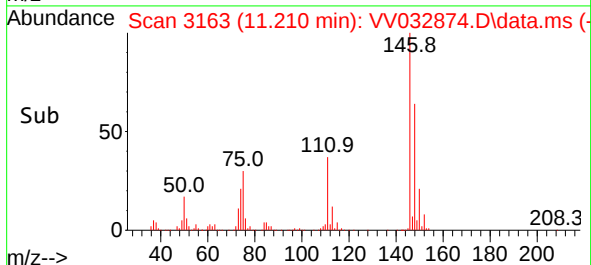
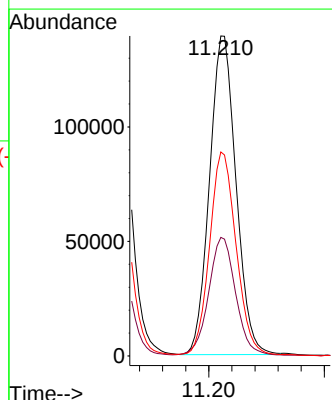
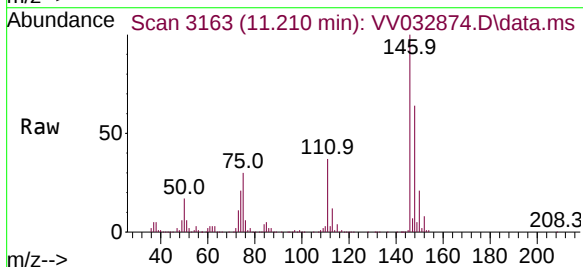
Instrument :
MSVOA_V
ClientSampleId :

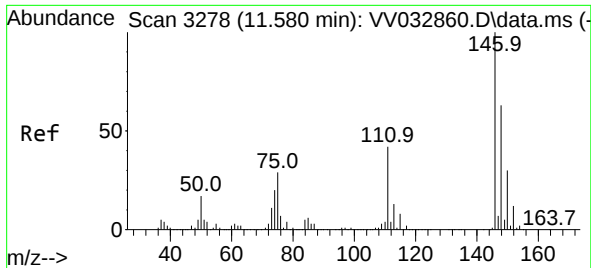
Tgt Ion:146 Resp: 216579
Ion Ratio Lower Upper
146 100
111 39.4 27.2 50.4
148 65.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 43.859 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion:146 Resp: 221868
Ion Ratio Lower Upper
146 100
111 37.1 26.5 49.1
148 63.8 44.9 83.5

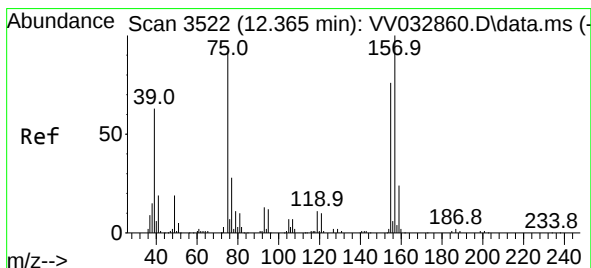
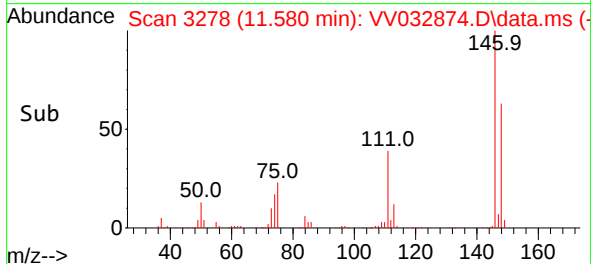
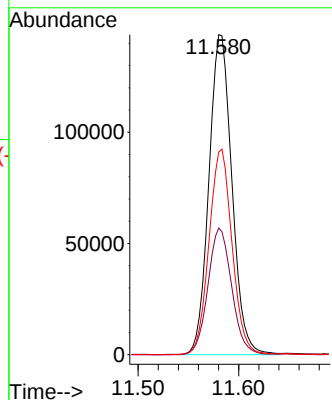
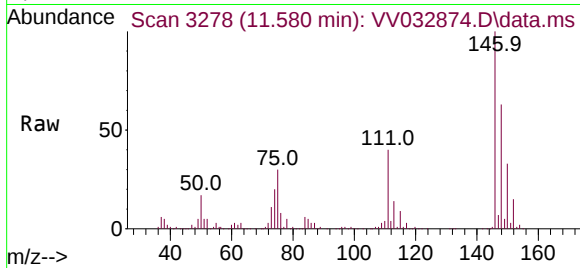




#67
1,2-Dichlorobenzene
Concen: 46.781 ug/L
RT: 11.580 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

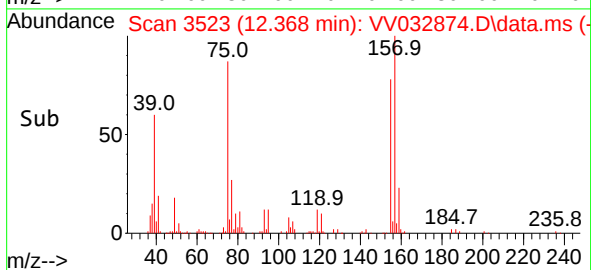
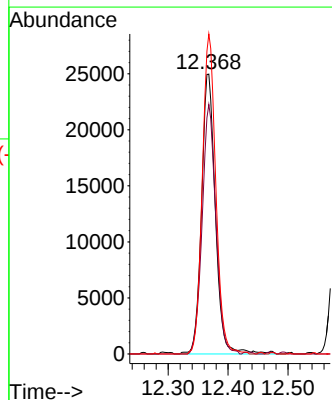
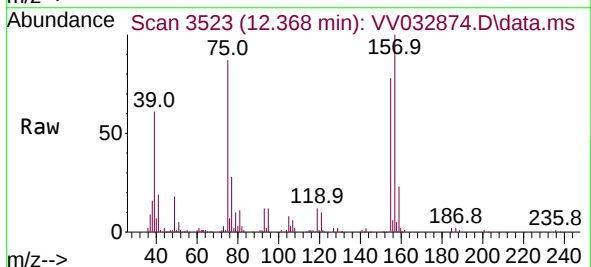
Instrument :
MSVOA_V
ClientSampleId :

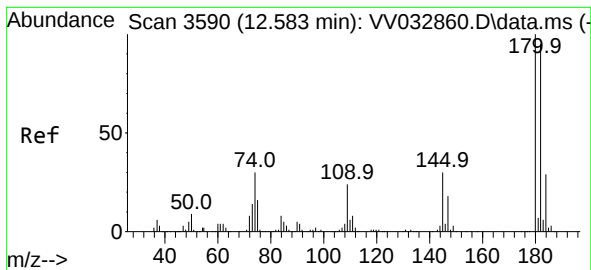
Tgt Ion:146 Resp: 228968
Ion Ratio Lower Upper
146 100
111 39.5 32.5 48.7
148 63.4 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 60.923 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV032874.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 75 Resp: 40189
Ion Ratio Lower Upper
75 100
155 89.1 68.6 102.8
157 114.3 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 40.573 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.003 min

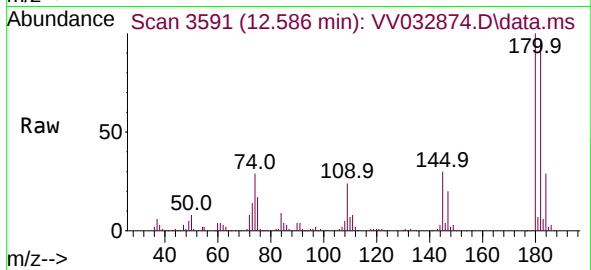
Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 140427

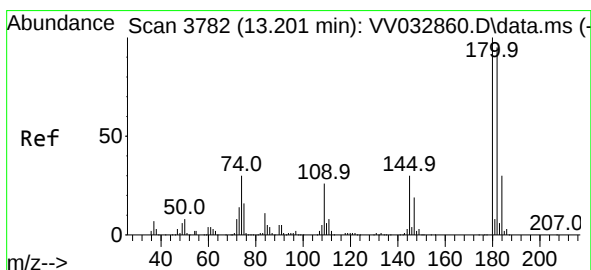
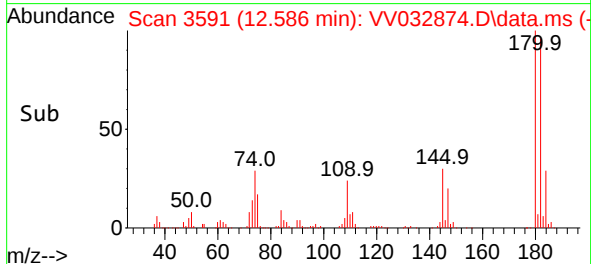
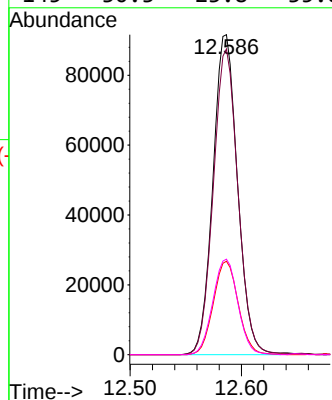
Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

184 29.6 23.5 35.3

145 30.3 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 42.788 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

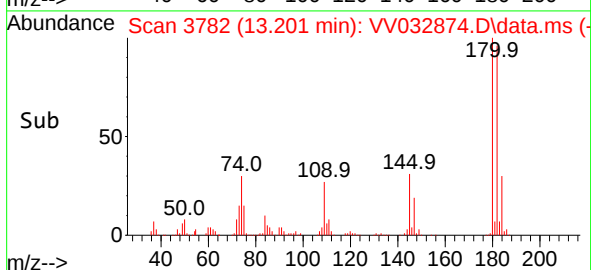
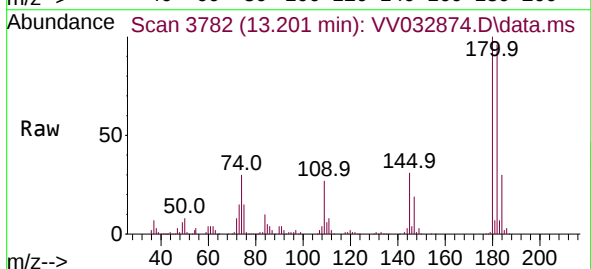
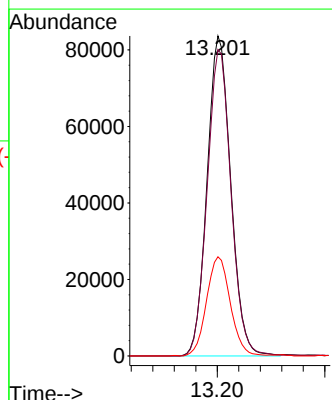
Tgt Ion:180 Resp: 128073

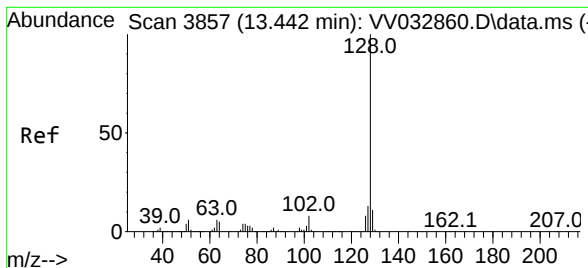
Ion Ratio Lower Upper

180 100

182 96.4 76.9 115.3

145 31.0 24.7 37.1





#71

Naphthalene

Concen: 62.674 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Instrument :

MSVOA_V

ClientSampleId :

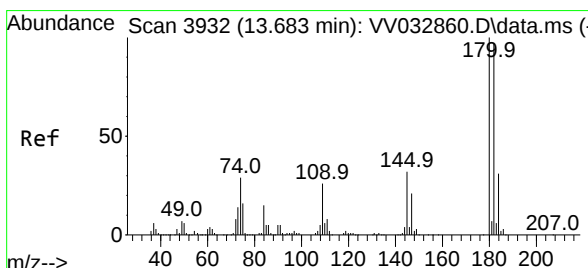
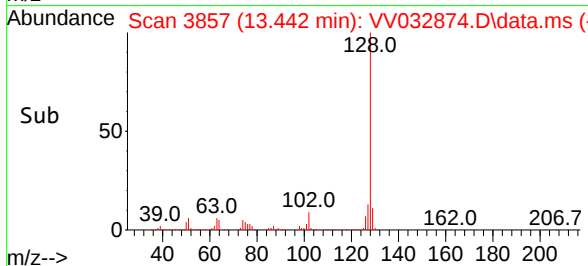
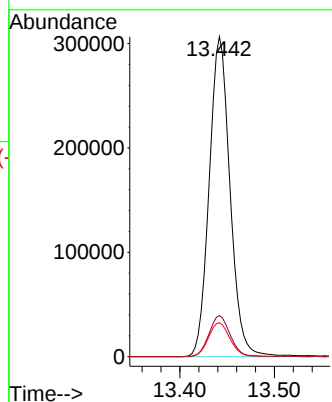
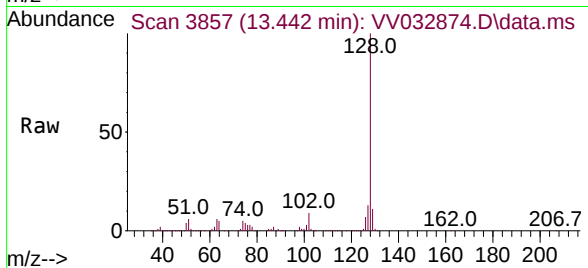
Tgt Ion:128 Resp: 468463

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 49.239 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032874.D

Acq: 07 Nov 2023 17:01

Tgt Ion:180 Resp: 147153

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

145 33.4 25.8 38.8

