

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012624\
 Data File : VW033872.D
 Acq On : 26 Jan 2024 09:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 29 01:54:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	211546	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	196256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	102448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79148	48.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.360%
7) Chloroethane-d5	1.532	69	61158	47.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.060	65	35321	50.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.960%
21) 2-Butanone-d5	3.783	46	83303	74.700	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.700%
24) Chloroform-d	4.249	84	133447	45.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.941	65	87916	46.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.600%
32) Benzene-d6	4.960	84	255237	45.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
36) 1,2-Dichloropropane-d6	5.989	67	76590	41.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.400%
41) Toluene-d8	7.243	98	233128	46.374	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.740%
43) trans-1,3-Dichloroprop...	7.551	79	35246	38.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.660%
47) 2-Hexanone-d5	8.021	63	59731	78.407	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.410%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	97313	41.505	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	90709	46.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	75759	43.048	ug/L	99
3) Chloromethane	1.217	50	80685	40.318	ug/L	98
5) Vinyl chloride	1.285	62	87079	45.484	ug/L	83
6) Bromomethane	1.484	94	37049	37.028	ug/L	99
8) Chloroethane	1.548	64	55224	48.375	ug/L	97
9) Trichlorofluoromethane	1.712	101	134171	58.729	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72900	54.162	ug/L	95
12) 1,1-Dichloroethene	2.069	96	68778	54.173	ug/L	99
13) Acetone	2.111	43	70056	65.704	ug/L	98
14) Carbon disulfide	2.240	76	194383	45.047	ug/L	99
15) Methyl Acetate	2.372	43	85435	49.001	ug/L	# 100
16) Methylene chloride	2.446	84	73132	47.218	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	66896	47.170	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	251030	49.216	ug/L	98
19) 1,1-Dichloroethane	3.111	63	135607	46.771	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	77893	49.350	ug/L	93
22) 2-Butanone	3.867	43	91703	70.814	ug/L	97
23) Bromochloromethane	4.146	128	39207	51.132	ug/L	87
25) Chloroform	4.275	83	138169	50.262	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012624\
 Data File : VW033872.D
 Acq On : 26 Jan 2024 09:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

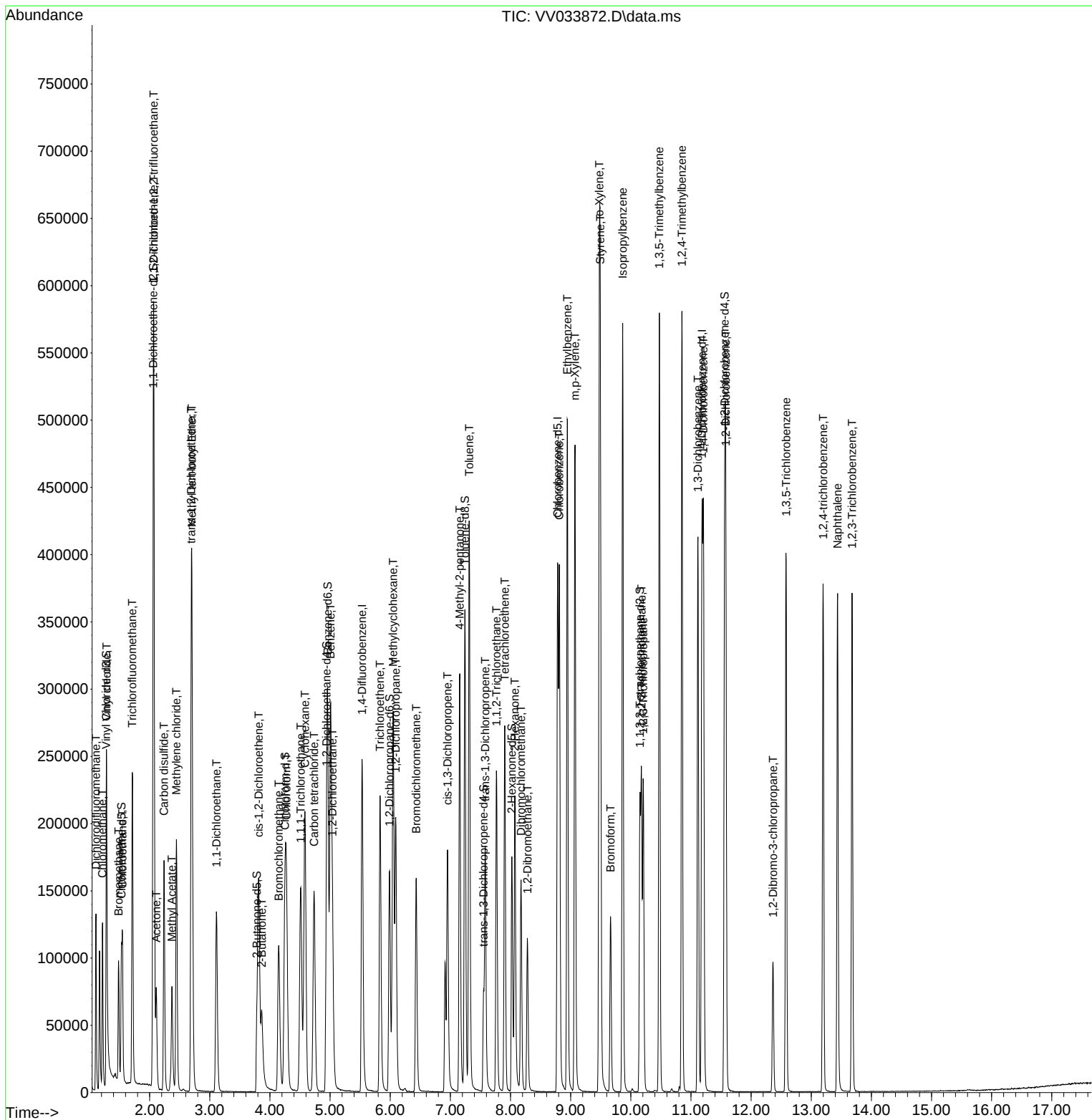
Instrument :
 MSVOA_V
 ClientSampleId :

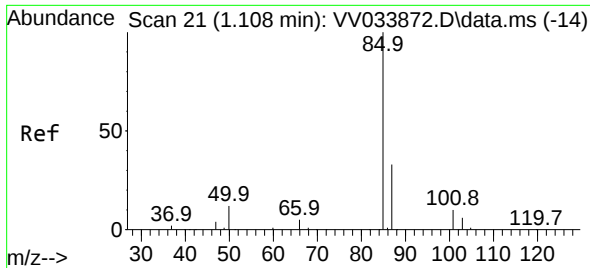
Quant Time: Jan 29 01:54:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	113425	49.399	ug/L	99
29) Cyclohexane	4.584	56	120667	43.613	ug/L	94
30) 1,1,1-Trichloroethane	4.513	97	127056	53.947	ug/L	98
31) Carbon tetrachloride	4.735	117	112385	55.905	ug/L	99
33) Benzene	5.008	78	279494	48.487	ug/L	100
34) Trichloroethene	5.831	95	76585	49.529	ug/L	97
35) Methylcyclohexane	6.050	83	119919	45.317	ug/L	96
37) 1,2-Dichloropropane	6.092	63	74727	47.110	ug/L	99
38) Bromodichloromethane	6.432	83	104367	50.295	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	102728	38.782	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	203637	86.640	ug/L	96
42) Toluene	7.313	91	299704	49.185	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	102459	41.975	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	70774	49.175	ug/L	99
46) Tetrachloroethene	7.905	164	59084	52.095	ug/L	98
48) 2-Hexanone	8.072	43	140712	75.134	ug/L	98
49) Dibromochloromethane	8.175	129	76912	51.310	ug/L	100
50) 1,2-Dibromoethane	8.281	107	73793	48.517	ug/L	97
51) Chlorobenzene	8.812	112	192027	49.473	ug/L	100
52) Ethylbenzene	8.944	91	344025	48.745	ug/L	98
53) m,p-Xylene	9.072	106	127231	48.831	ug/L	98
54) o-Xylene	9.477	106	126776	49.147	ug/L	100
55) Styrene	9.493	104	214428	48.148	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	105150	45.907	ug/L	99
59) Bromoform	9.664	173	55335	50.820	ug/L	98
60) Isopropylbenzene	9.866	105	349479	50.419	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	86280	47.454	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	299182	50.306	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	295727	49.905	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	157902	50.433	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	156795	49.944	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	156073	51.017	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	24767	47.205	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	116856	50.507	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	107537	51.209	ug/L	99
71) Naphthalene	13.439	128	278640	50.778	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	104116	53.119	ug/L	99

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

Quant Time: Jan 29 01:54:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 25 00:55:39 2024
Response via : Initial Calibration

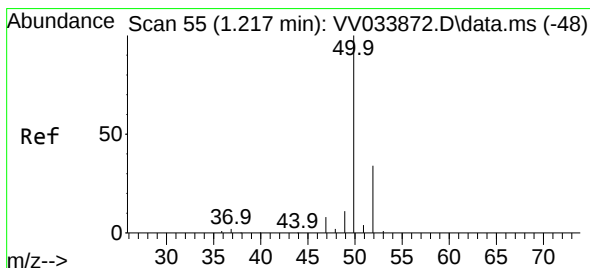
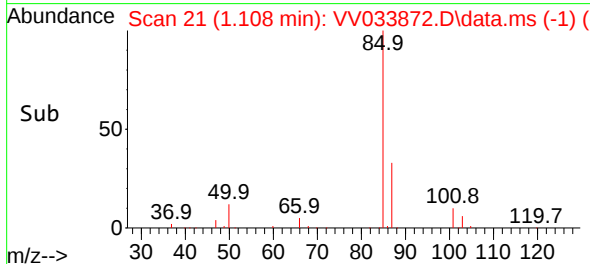
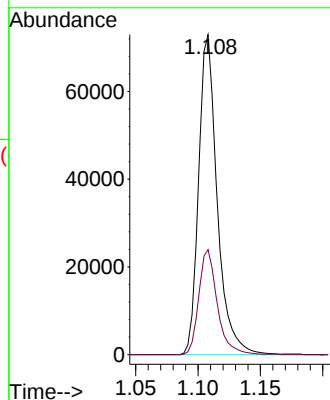
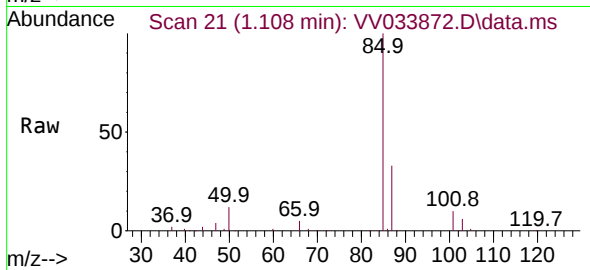




#2
Dichlorodifluoromethane
Concen: 43.048 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

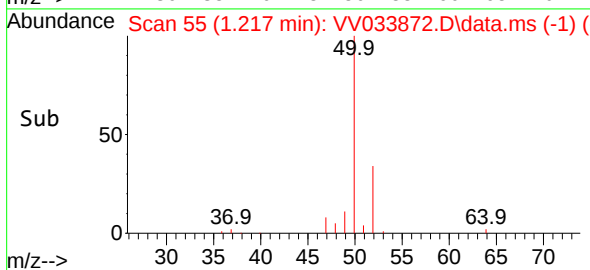
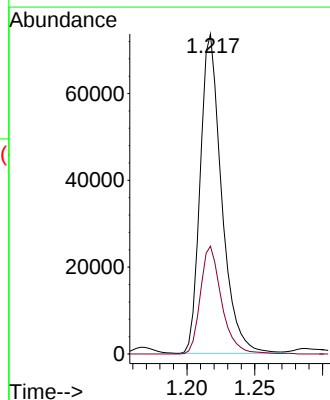
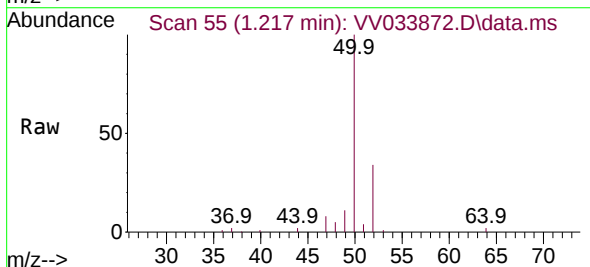
Instrument :
MSVOA_V
ClientSampleId :

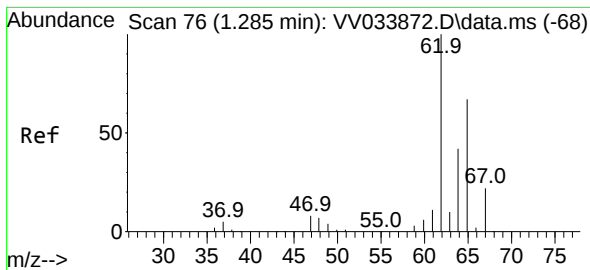
Tgt Ion: 85 Resp: 75759
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.6



#3
Chloromethane
Concen: 40.318 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion: 50 Resp: 80685
Ion Ratio Lower Upper
50 100
52 33.7 22.8 42.4





#5

Vinyl chloride

Concen: 45.484 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

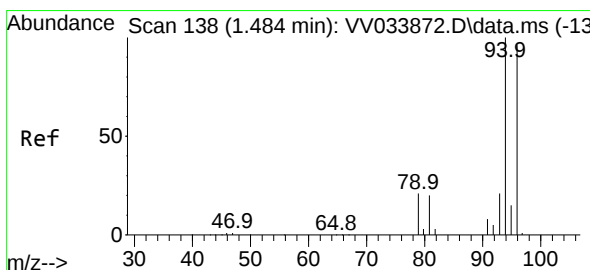
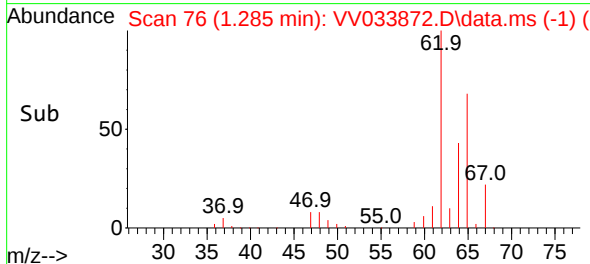
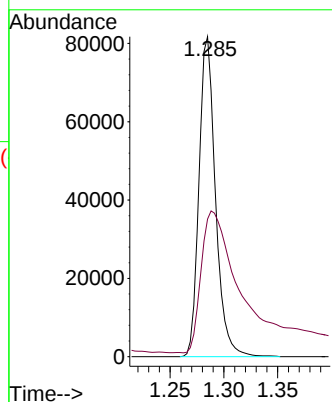
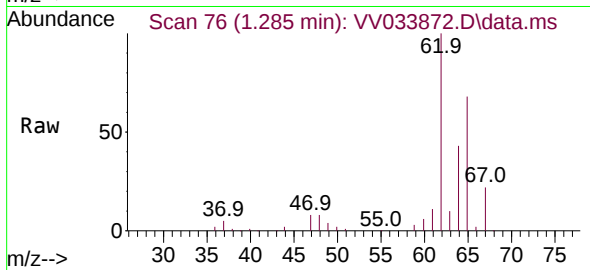
ClientSampleId :

Tgt Ion: 62 Resp: 87079

Ion Ratio Lower Upper

62 100

64 43.0 23.2 43.0



#6

Bromomethane

Concen: 37.028 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.003 min

Lab File: VV033872.D

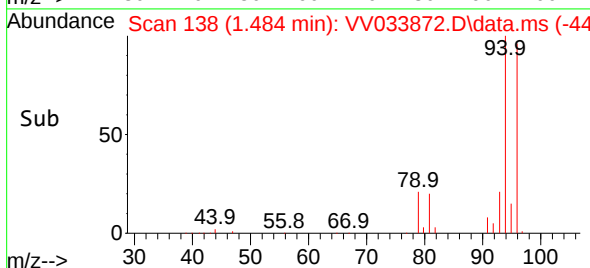
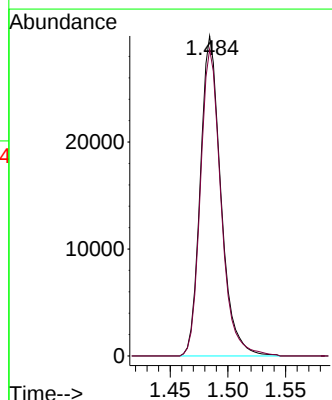
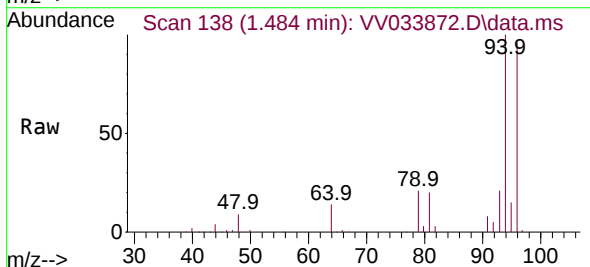
Acq: 26 Jan 2024 09:02

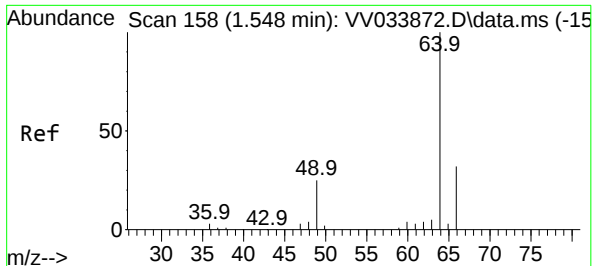
Tgt Ion: 94 Resp: 37049

Ion Ratio Lower Upper

94 100

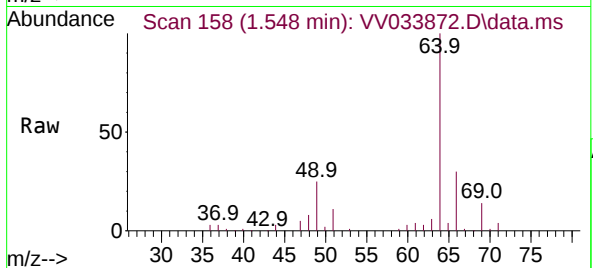
96 95.9 66.4 123.2



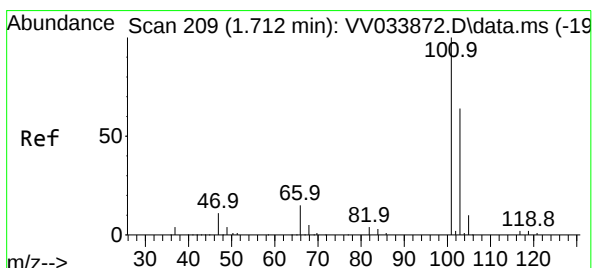
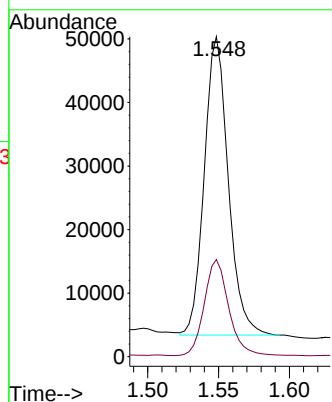
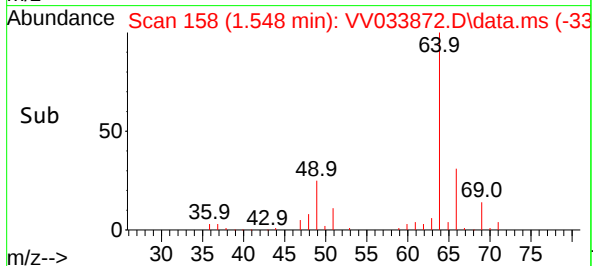


#8
Chloroethane
Concen: 48.375 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Instrument :
MSVOA_V
ClientSampleId :

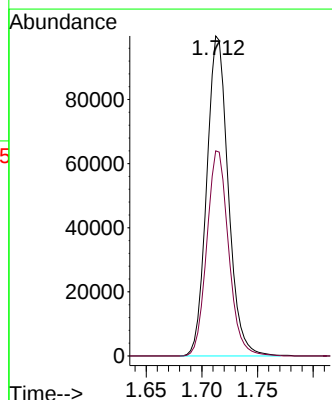
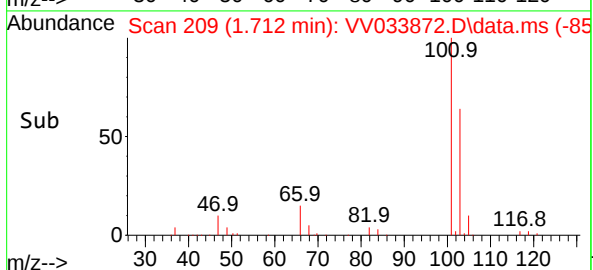
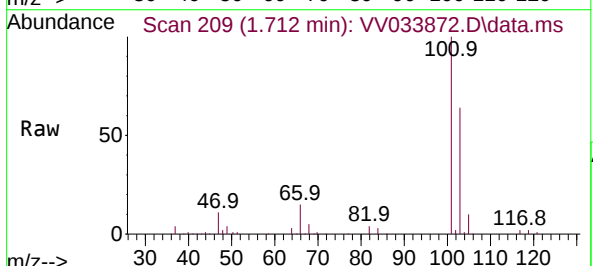


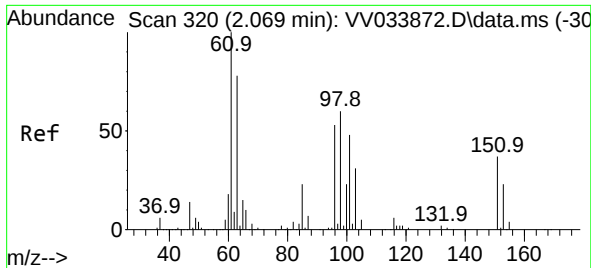
Tgt Ion: 64 Resp: 55224
Ion Ratio Lower Upper
64 100
66 30.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 58.729 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion:101 Resp: 134171
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9

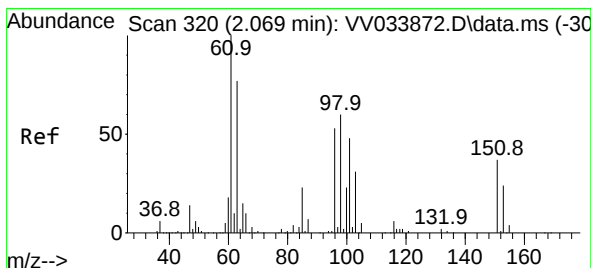
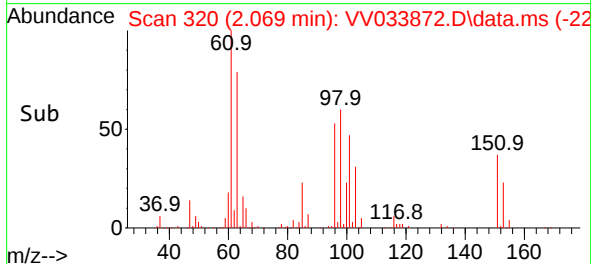
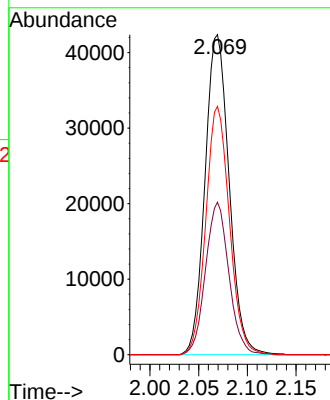
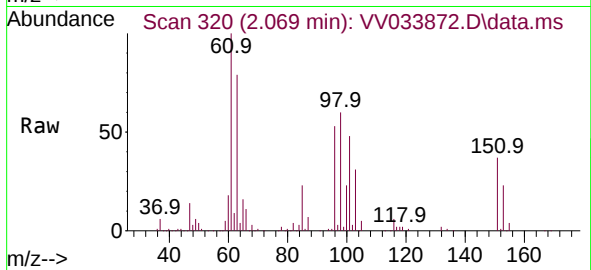




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.162 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033872.D
 Acq: 26 Jan 2024 09:02

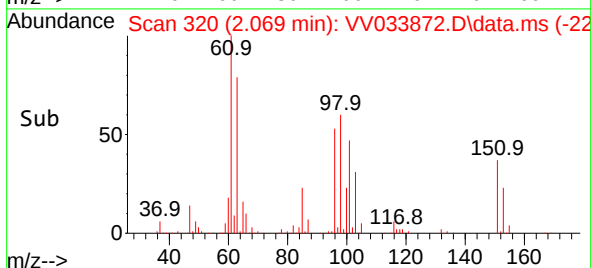
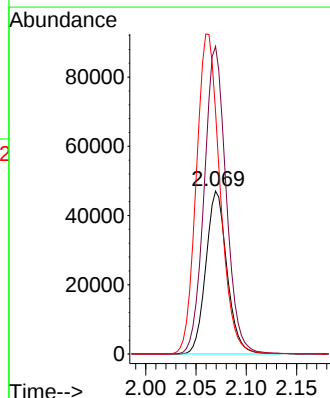
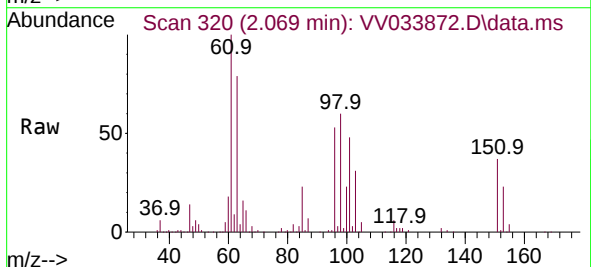
Instrument :
 MSVOA_V
 ClientSampleId :

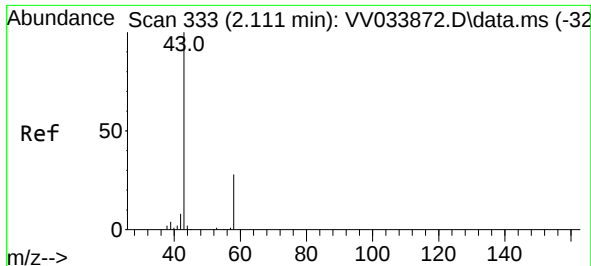
Tgt Ion:101 Resp: 72900
 Ion Ratio Lower Upper
 101 100
 85 46.2 36.2 54.4
 151 76.1 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 54.173 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033872.D
 Acq: 26 Jan 2024 09:02

Tgt Ion: 96 Resp: 68778
 Ion Ratio Lower Upper
 96 100
 61 188.9 134.0 248.8
 63 148.8 103.4 192.0





#13

Acetone

Concen: 65.704 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

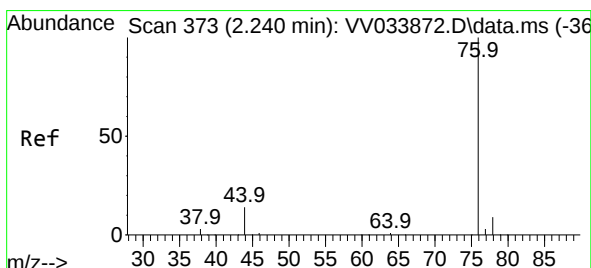
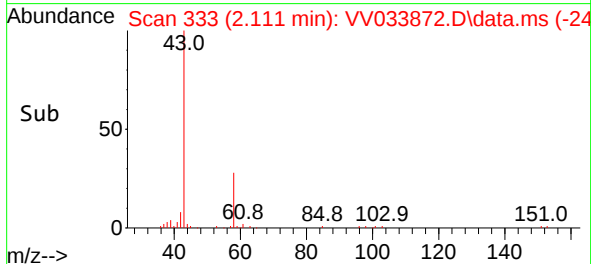
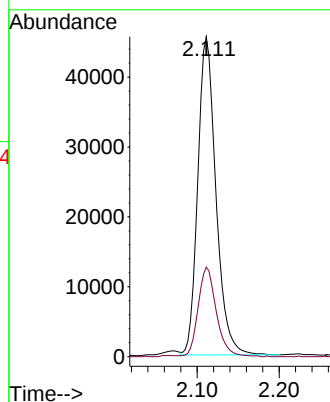
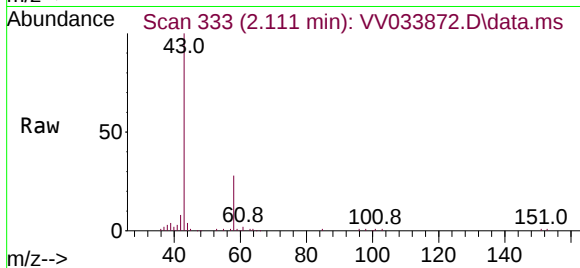
ClientSampleId :

Tgt Ion: 43 Resp: 70056

Ion Ratio Lower Upper

43 100

58 27.6 0.0 57.2



#14

Carbon disulfide

Concen: 45.047 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033872.D

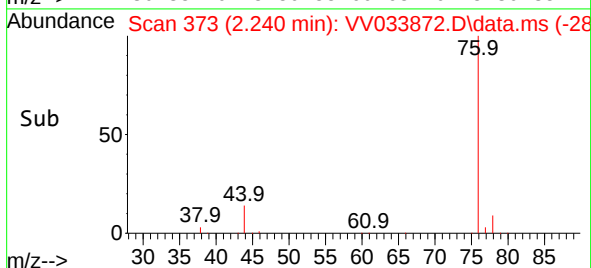
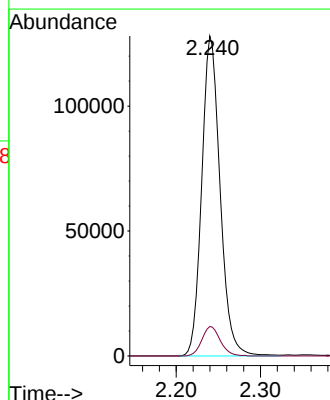
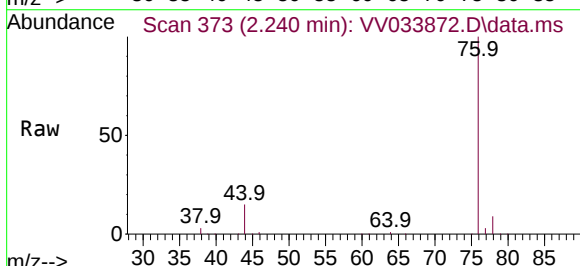
Acq: 26 Jan 2024 09:02

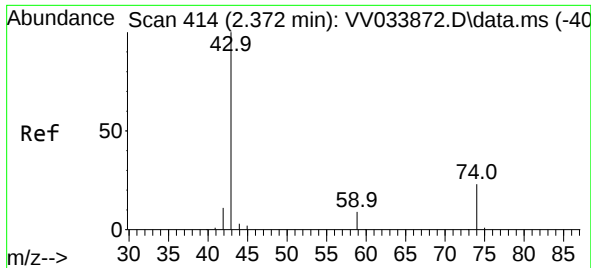
Tgt Ion: 76 Resp: 194383

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

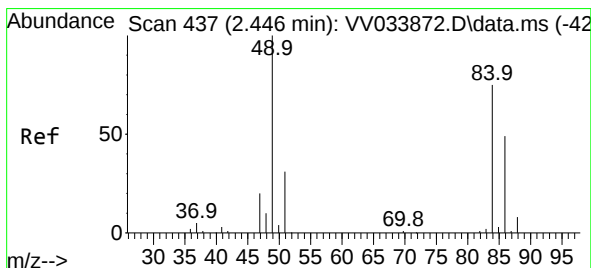
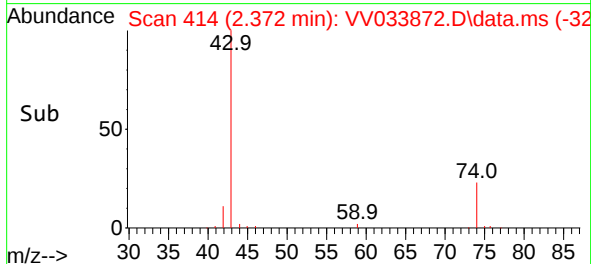
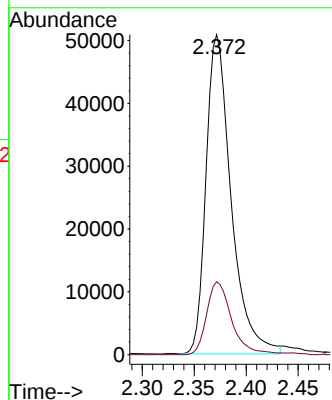
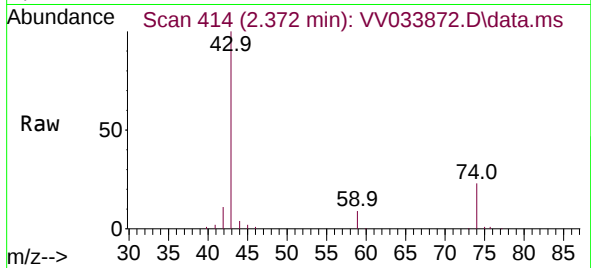




#15
Methyl Acetate
Concen: 49.001 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

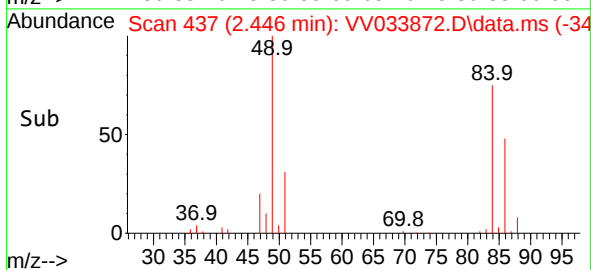
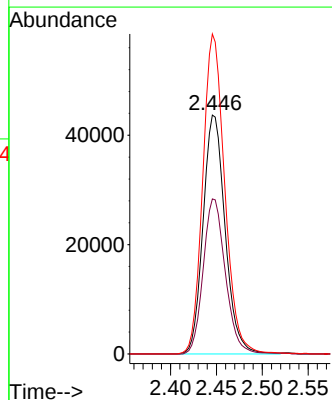
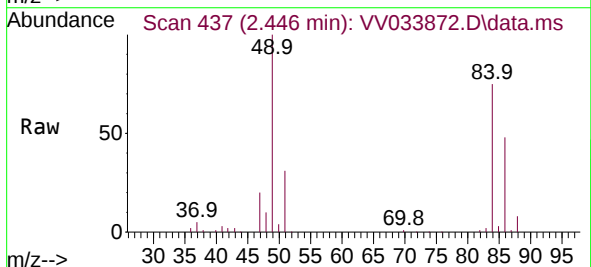
Instrument :
MSVOA_V
ClientSampleId :

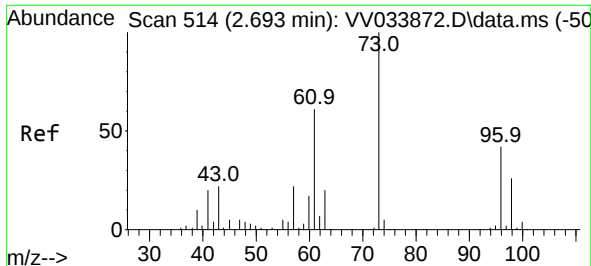
Tgt Ion: 43 Resp: 85435
Ion Ratio Lower Upper
43 100
74 22.9 0.0 0.0#



#16
Methylene chloride
Concen: 47.218 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion: 84 Resp: 73132
Ion Ratio Lower Upper
84 100
86 64.9 43.9 81.5
49 134.0 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 47.170 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

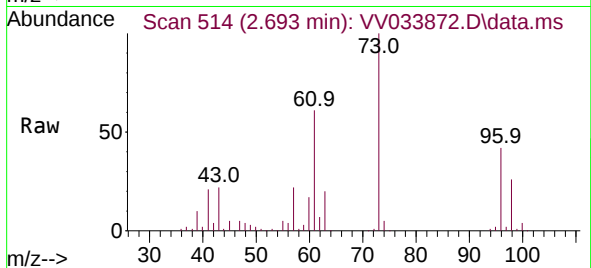
Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

ClientSampleId :



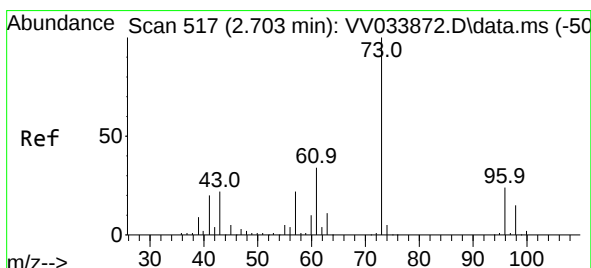
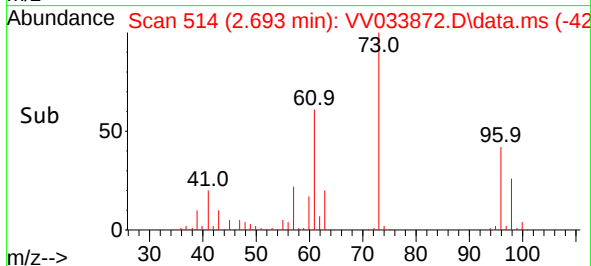
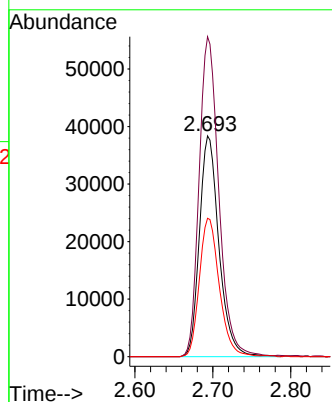
Tgt Ion: 96 Resp: 66896

Ion Ratio Lower Upper

96 100

61 144.9 108.4 201.4

98 62.7 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 49.216 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

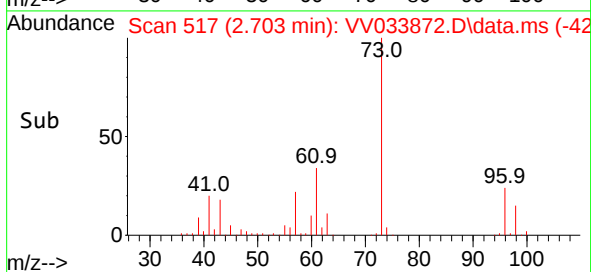
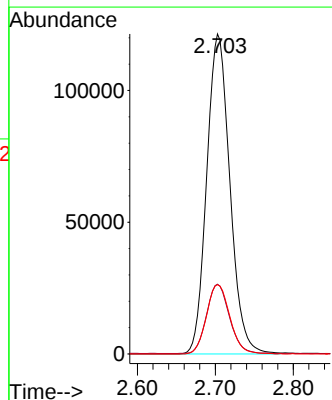
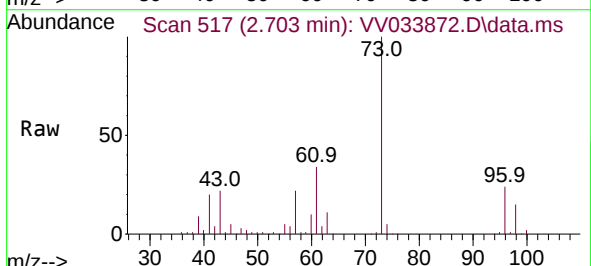
Tgt Ion: 73 Resp: 251030

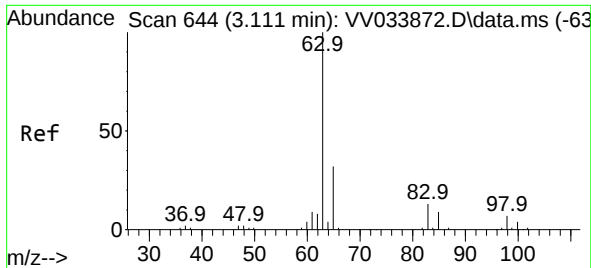
Ion Ratio Lower Upper

73 100

43 21.2 17.4 26.2

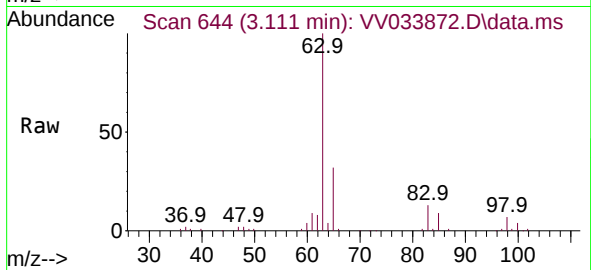
57 21.8 18.6 27.8



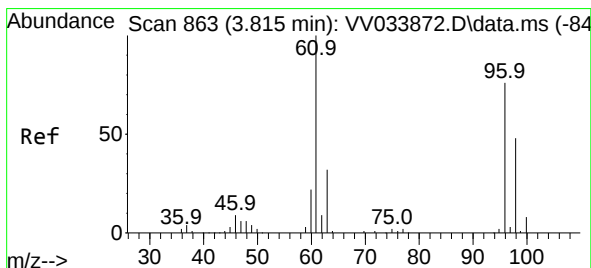
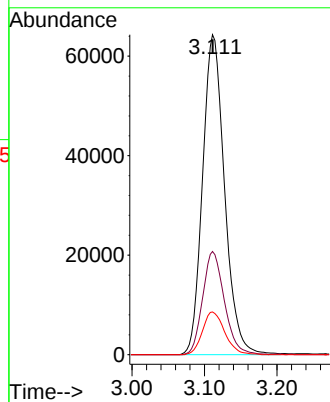
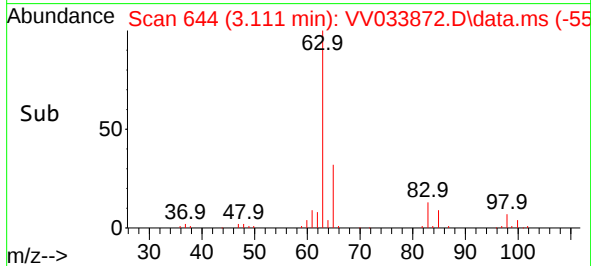


#19
1,1-Dichloroethane
Concen: 46.771 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Instrument :
MSVOA_V
ClientSampleId :

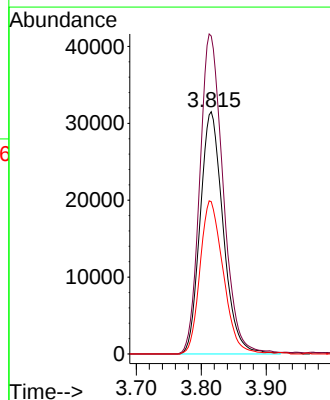
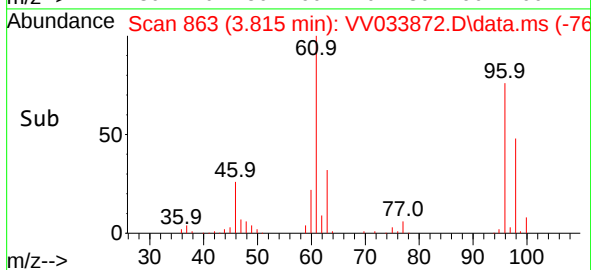
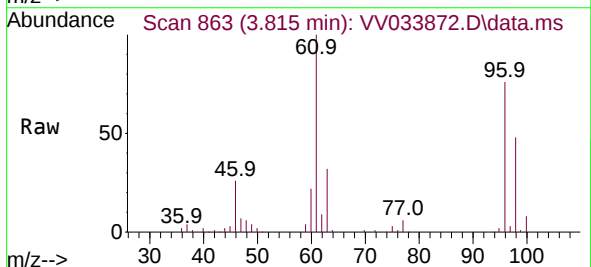


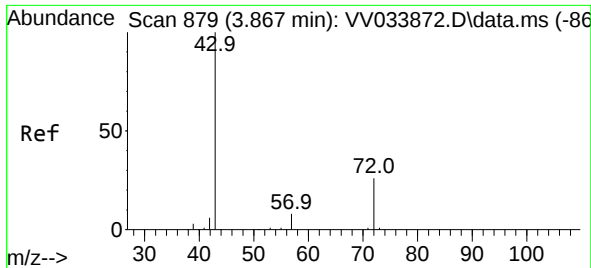
Tgt Ion: 63 Resp: 135607
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 13.4 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 49.350 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion: 96 Resp: 77893
Ion Ratio Lower Upper
96 100
61 131.3 100.6 186.8
98 62.9 44.6 82.8

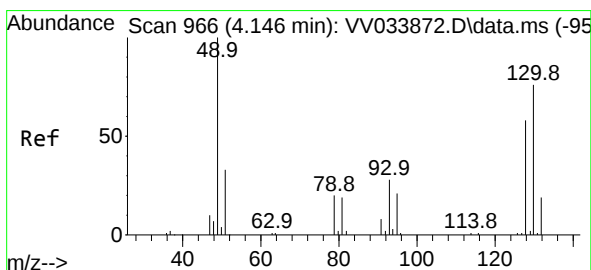
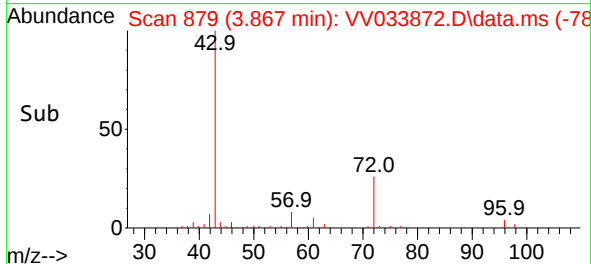
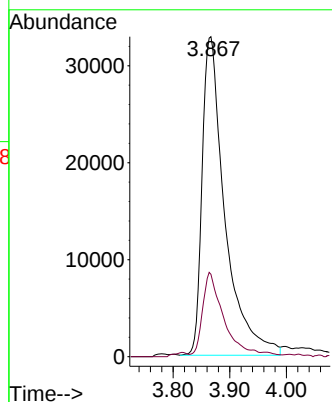
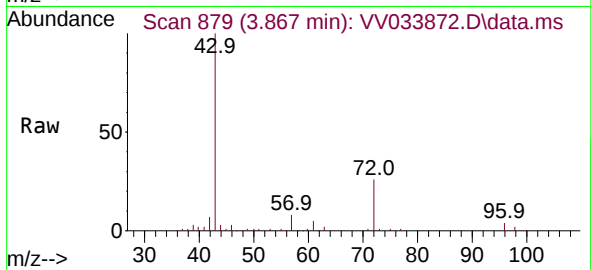




#22
2-Butanone
Concen: 70.814 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

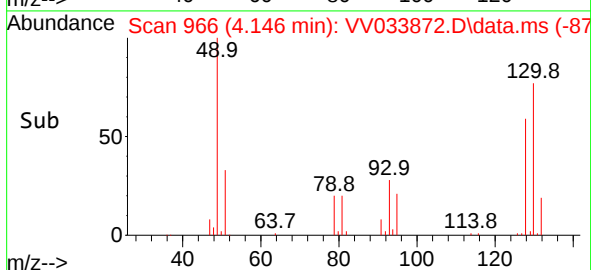
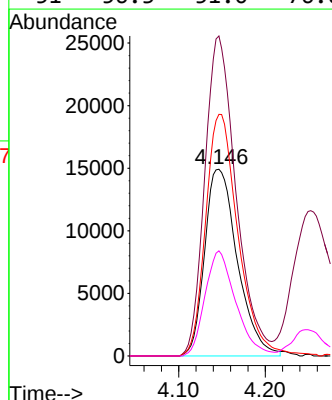
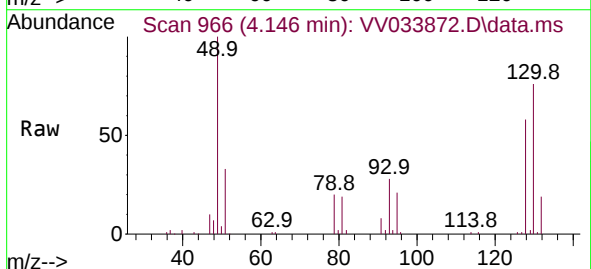
Instrument :
MSVOA_V
ClientSampleId :

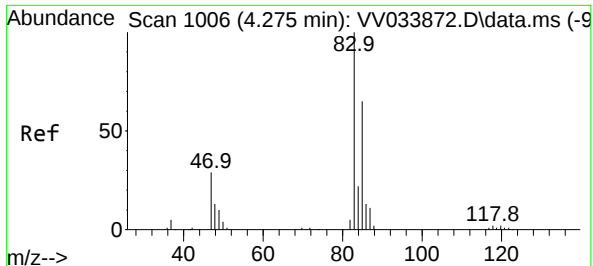
Tgt Ion: 43 Resp: 91703
Ion Ratio Lower Upper
43 100
72 22.4 11.9 35.5



#23
Bromochloromethane
Concen: 51.132 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion:128 Resp: 39207
Ion Ratio Lower Upper
128 100
49 171.3 143.9 267.2
130 129.3 90.6 168.2
51 56.3 51.0 76.6





#25

Chloroform

Concen: 50.262 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

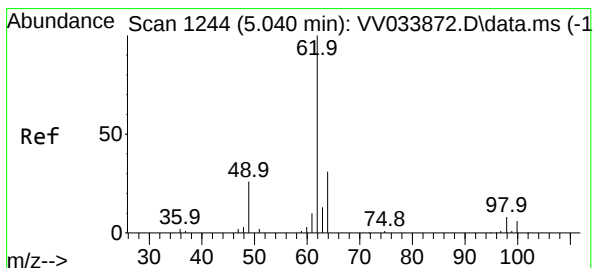
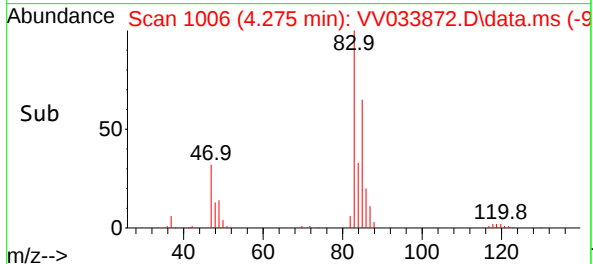
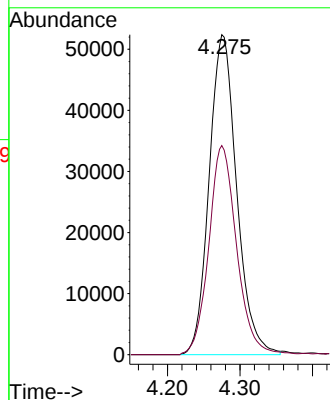
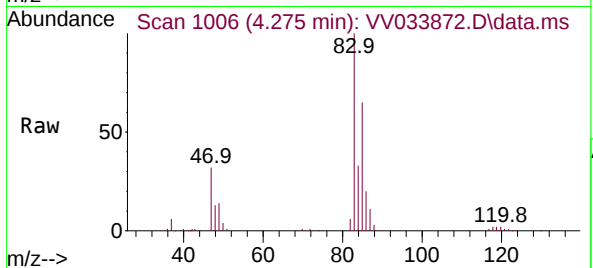
ClientSampleId :

Tgt Ion: 83 Resp: 138169

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.9



#27

1,2-Dichloroethane

Concen: 49.399 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033872.D

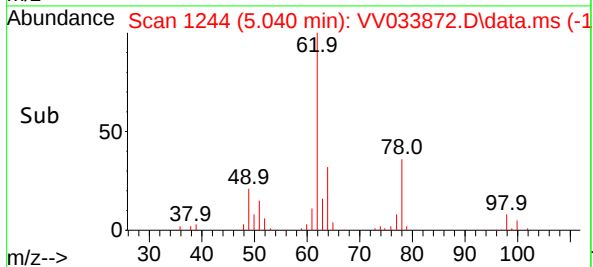
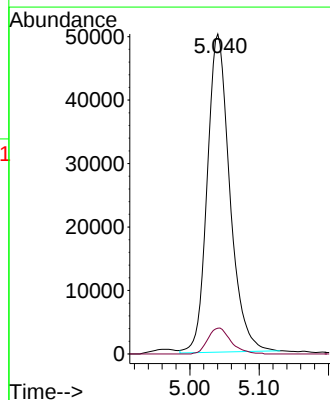
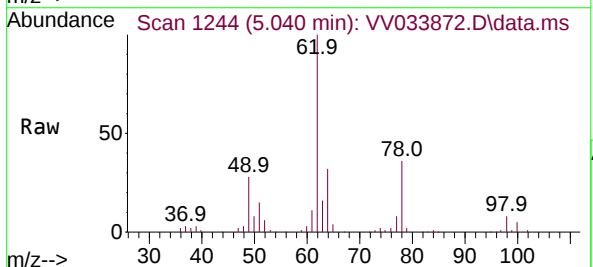
Acq: 26 Jan 2024 09:02

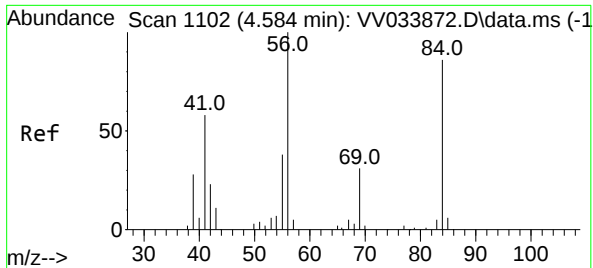
Tgt Ion: 62 Resp: 113425

Ion Ratio Lower Upper

62 100

98 8.0 6.8 10.2

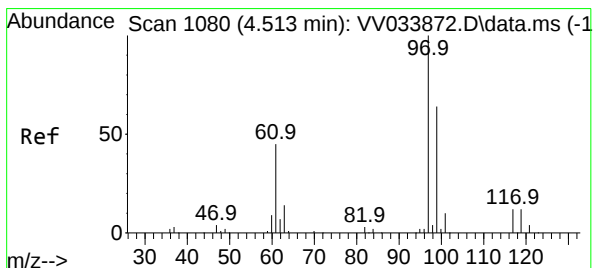
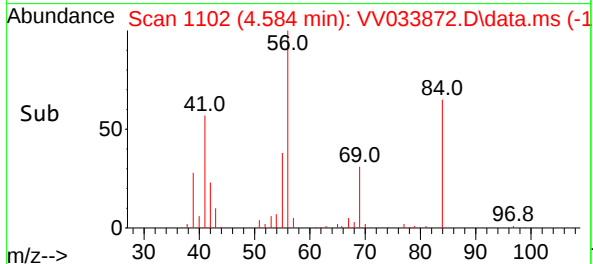
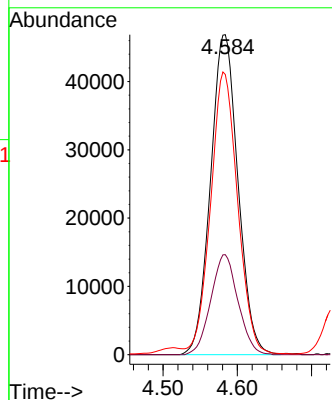
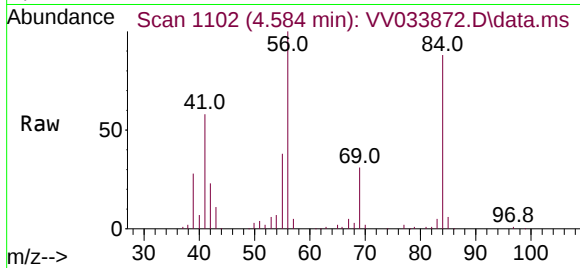




#29
Cyclohexane
Concen: 43.613 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

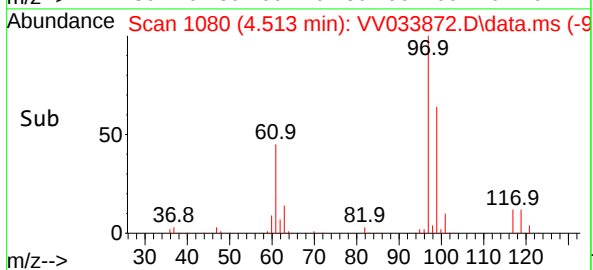
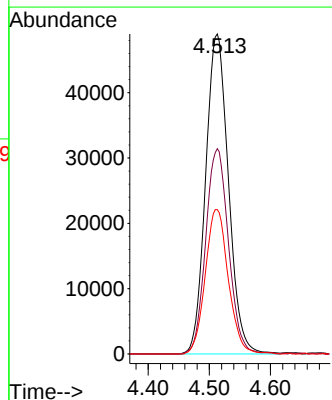
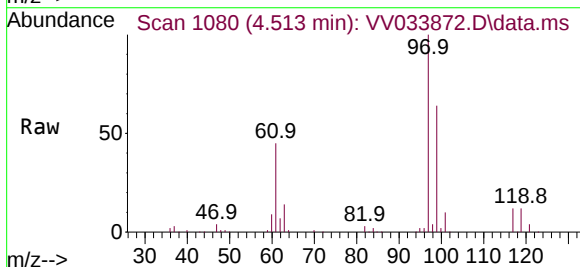
Instrument :
MSVOA_V
ClientSampleId :

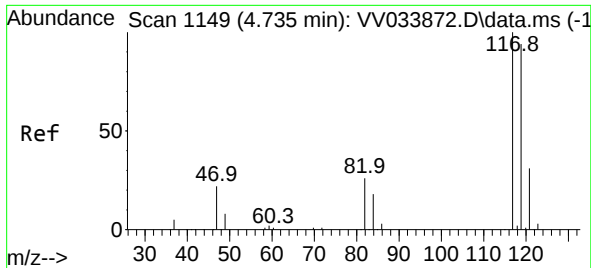
Tgt Ion:	56	Resp:	120667
Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.8	35.6
84	86.2	63.8	95.6



#30
1,1,1-Trichloroethane
Concen: 53.947 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion:	97	Resp:	127056
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	45.5	38.2	57.2

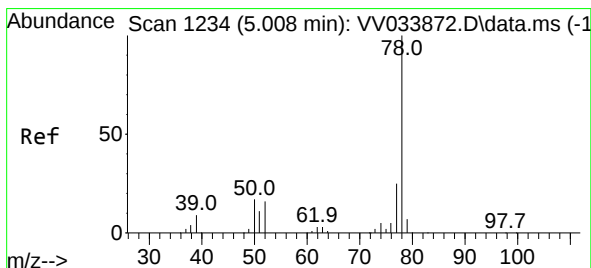
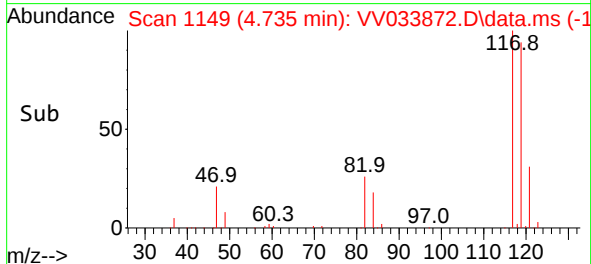
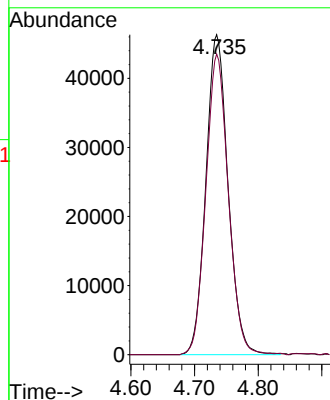
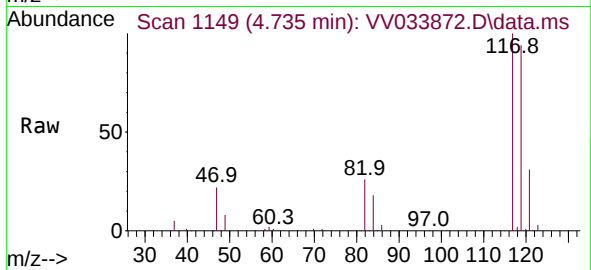




#31
Carbon tetrachloride
Concen: 55.905 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

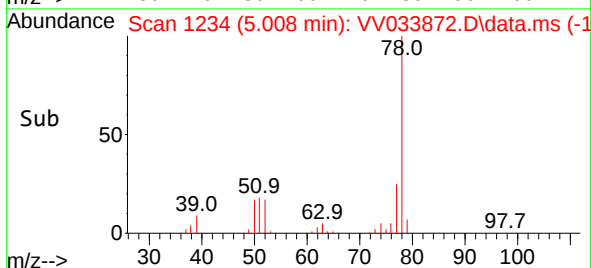
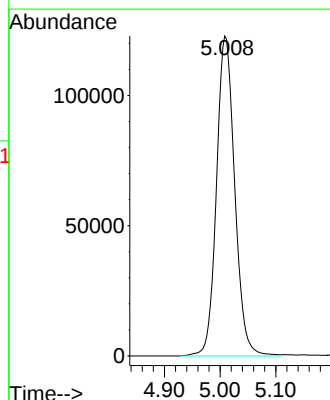
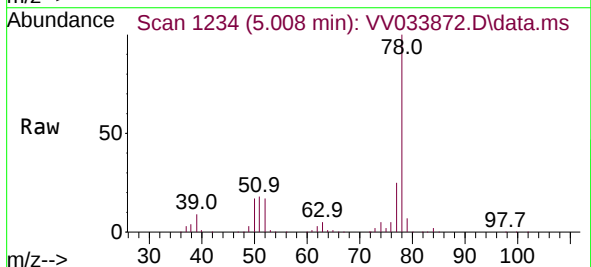
Instrument :
MSVOA_V
ClientSampleId :

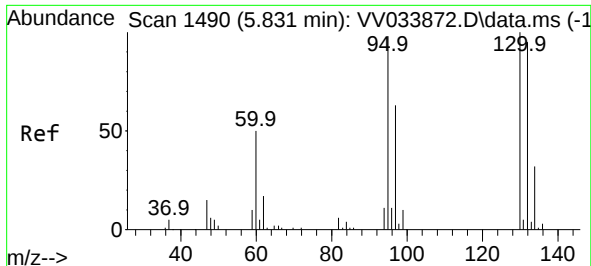
Tgt Ion:117 Resp: 112385
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4



#33
Benzene
Concen: 48.487 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion: 78 Resp: 279494

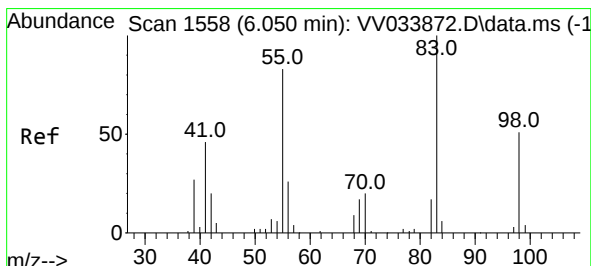
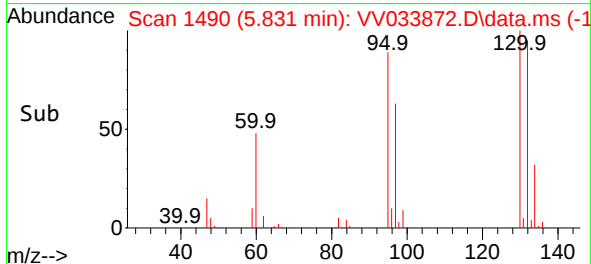
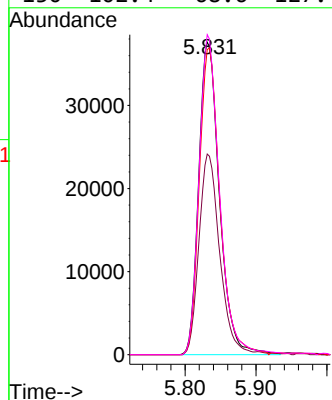
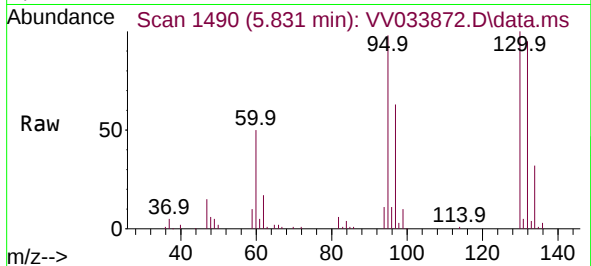




#34
Trichloroethene
Concen: 49.529 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

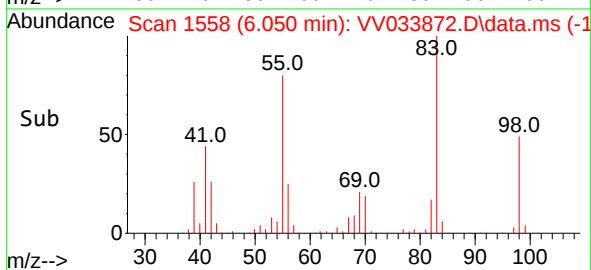
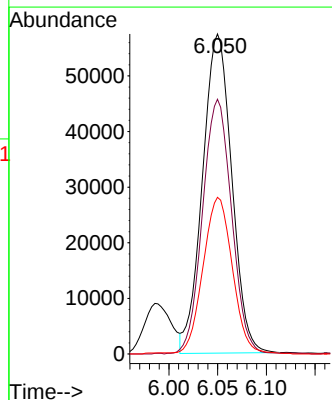
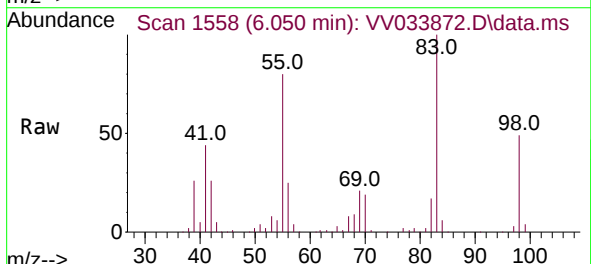
Instrument :
MSVOA_V
ClientSampleId :

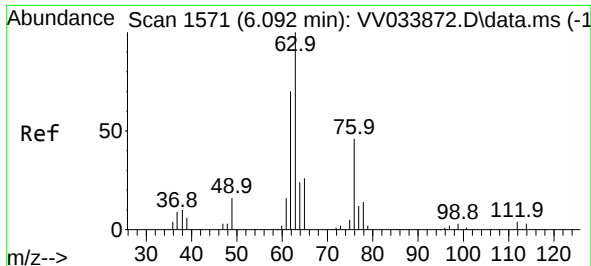
Tgt Ion: 95 Resp: 76585
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 97.6 65.5 121.7
130 102.4 68.6 127.4



#35
Methylcyclohexane
Concen: 45.317 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion: 83 Resp: 119919
Ion Ratio Lower Upper
83 100
55 79.3 67.1 100.7
98 49.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 47.110 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

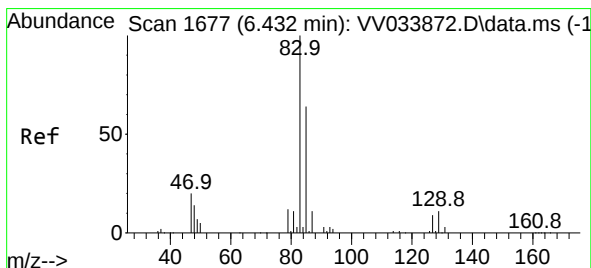
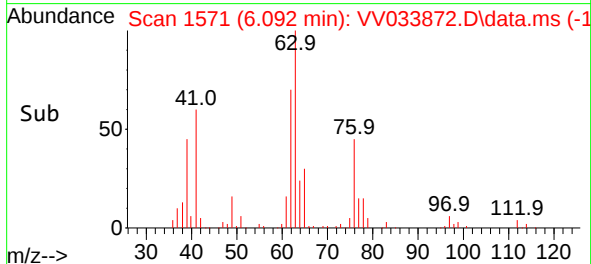
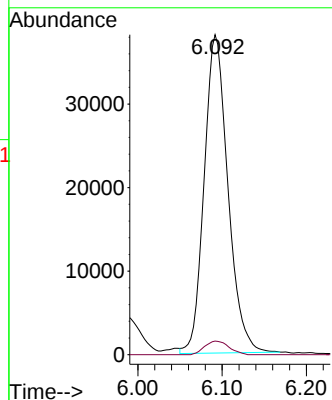
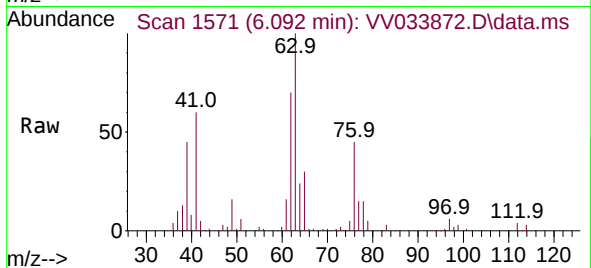
ClientSampleId :

Tgt Ion: 63 Resp: 74727

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 50.295 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

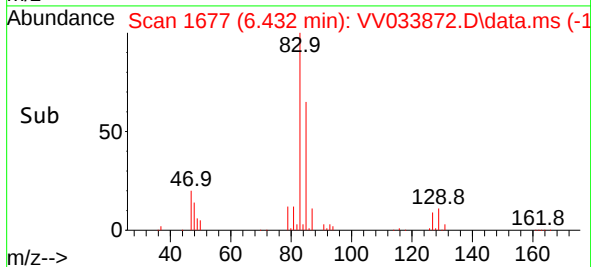
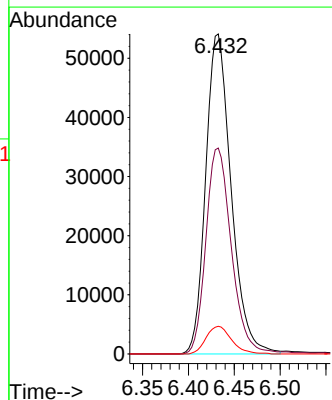
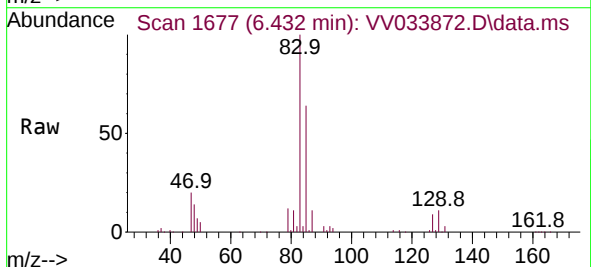
Tgt Ion: 83 Resp: 104367

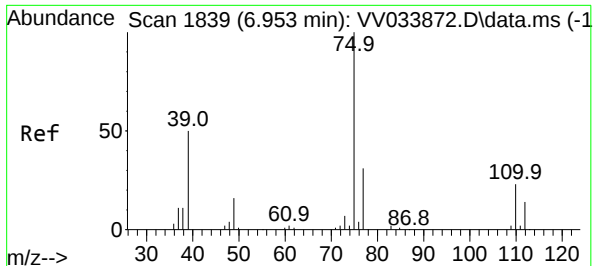
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 38.782 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

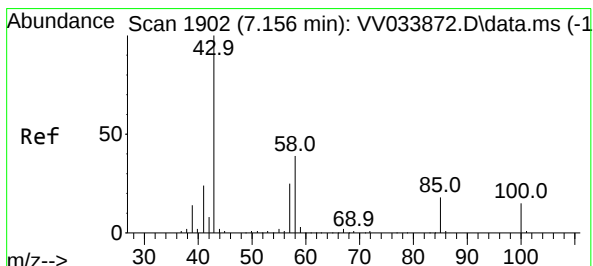
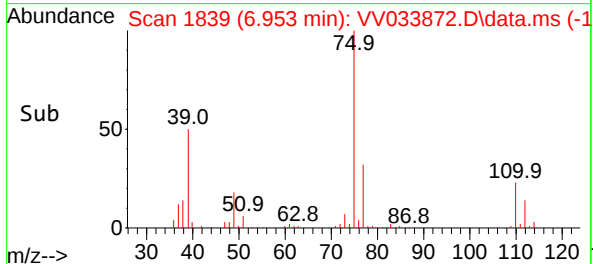
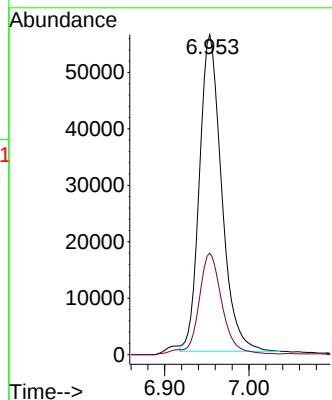
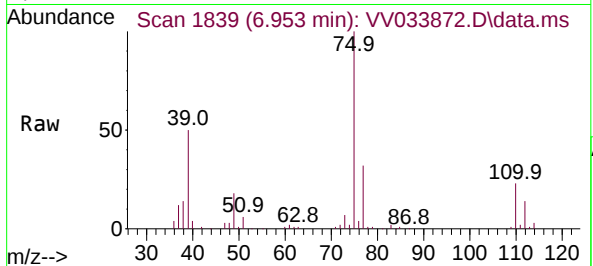
ClientSampleId :

Tgt Ion: 75 Resp: 102728

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 86.640 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

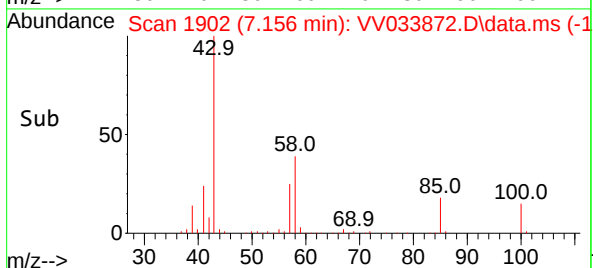
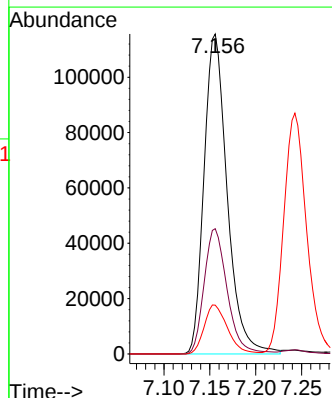
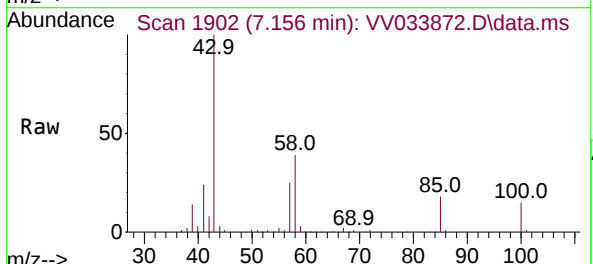
Tgt Ion: 43 Resp: 203637

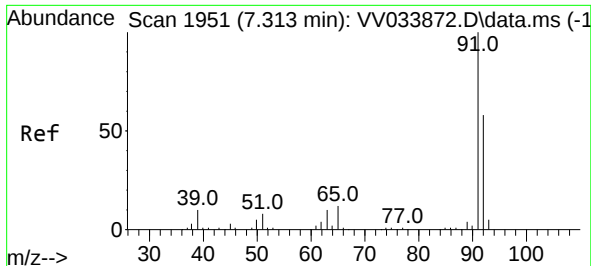
Ion Ratio Lower Upper

43 100

58 38.9 29.6 44.4

100 15.4 10.6 16.0





#42

Toluene

Concen: 49.185 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

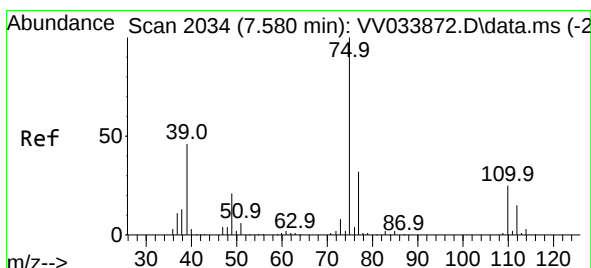
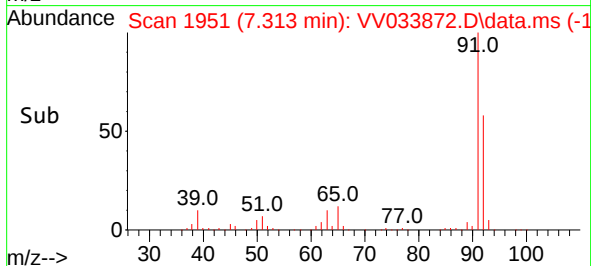
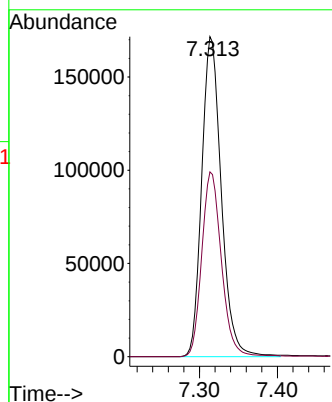
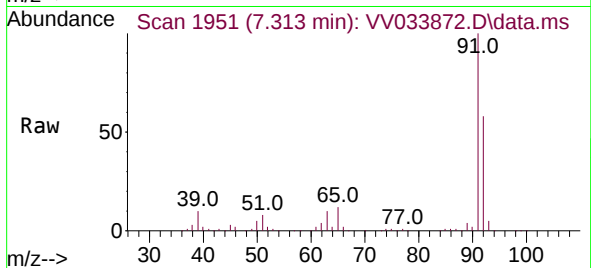
ClientSampleId :

Tgt Ion: 91 Resp: 299704

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 41.975 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV033872.D

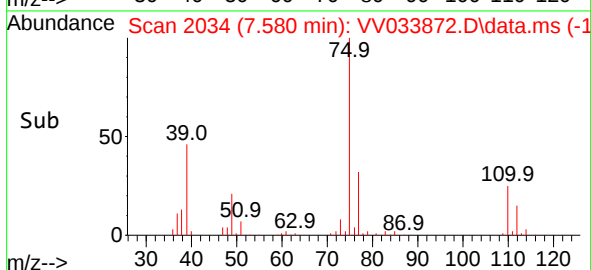
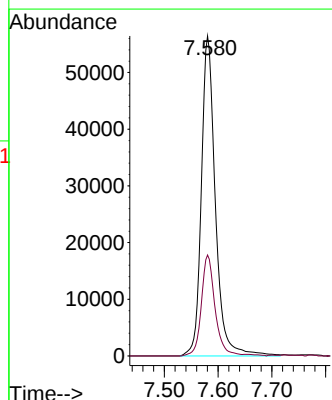
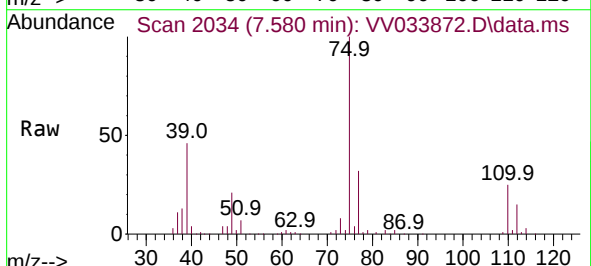
Acq: 26 Jan 2024 09:02

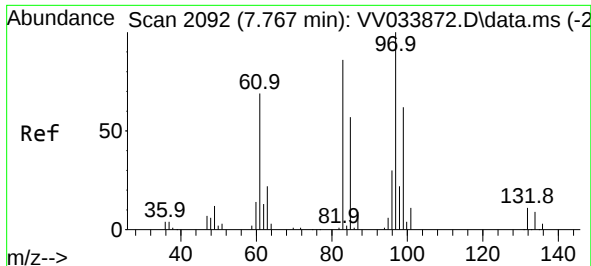
Tgt Ion: 75 Resp: 102459

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.0



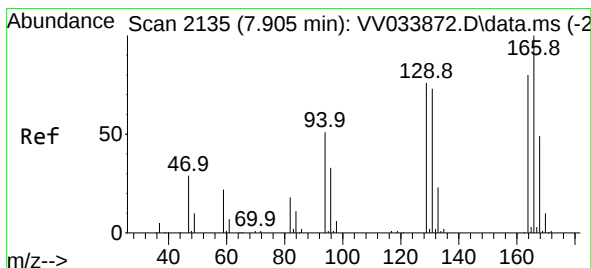
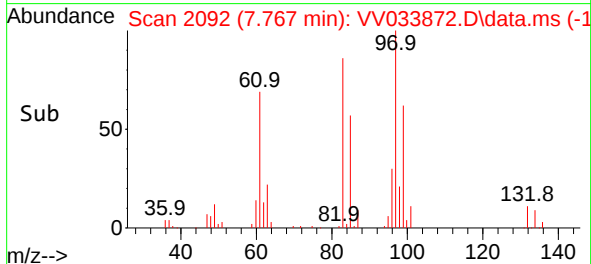
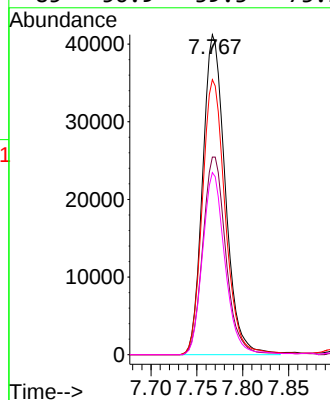
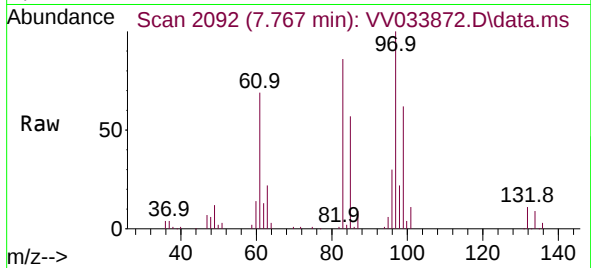


#45
1,1,2-Trichloroethane
Concen: 49.175 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 70774

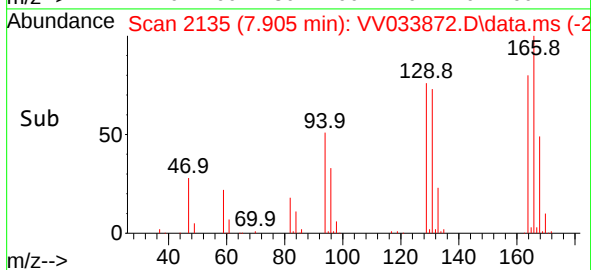
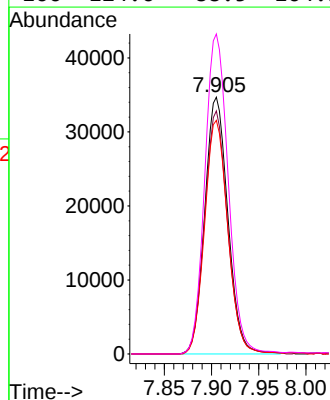
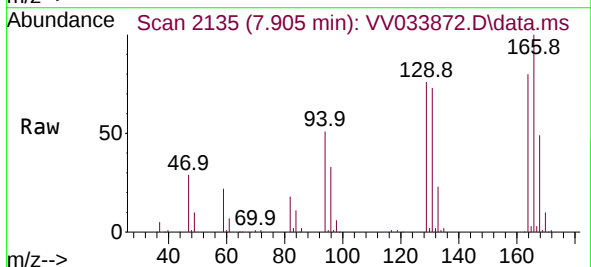
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.8	79.6
83	85.9	61.2	113.8
85	56.9	39.3	73.1

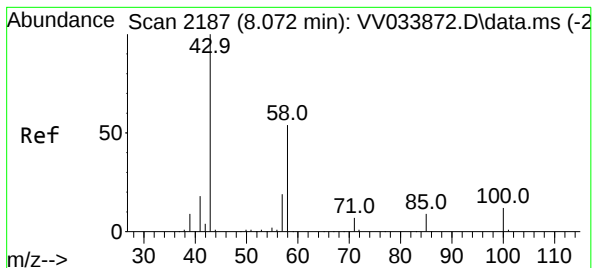


#46
Tetrachloroethene
Concen: 52.095 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion: 164 Resp: 59084

Ion	Ratio	Lower	Upper
164	100		
129	94.6	66.1	122.7
131	91.0	65.9	122.5
166	124.6	88.5	164.3





#48

2-Hexanone

Concen: 75.134 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

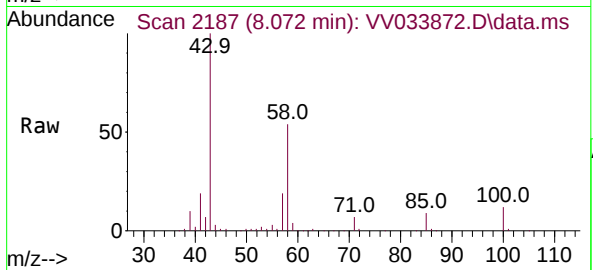
Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 140712

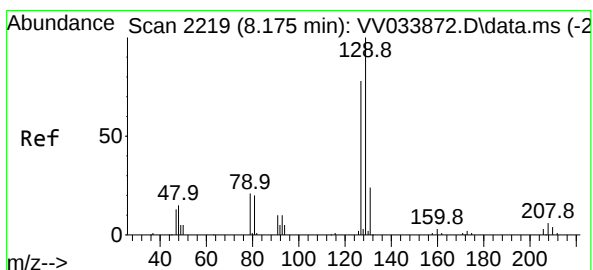
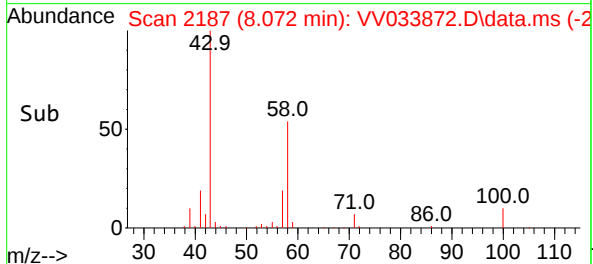
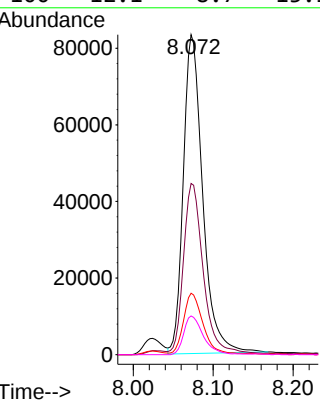
Ion Ratio Lower Upper

43 100

58 54.4 42.3 63.5

57 18.9 14.2 21.2

100 12.1 8.7 13.1



#49

Dibromochloromethane

Concen: 51.310 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV033872.D

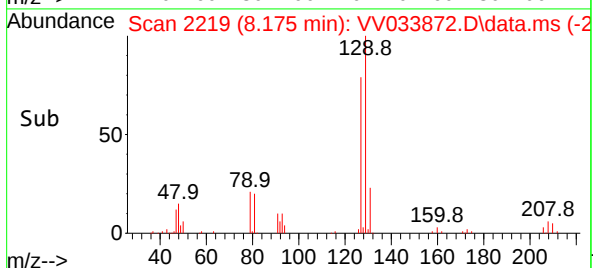
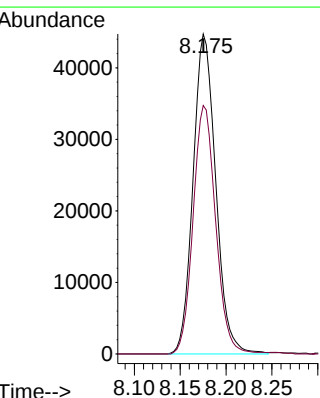
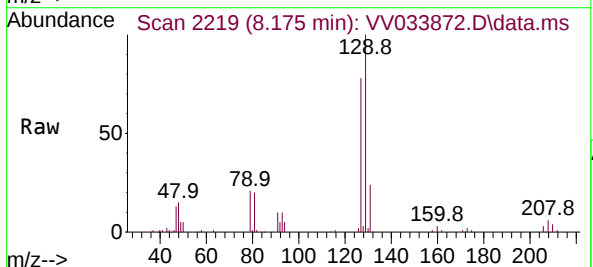
Acq: 26 Jan 2024 09:02

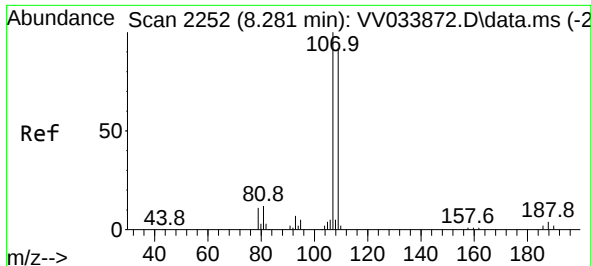
Tgt Ion: 129 Resp: 76912

Ion Ratio Lower Upper

129 100

127 77.6 54.5 101.3

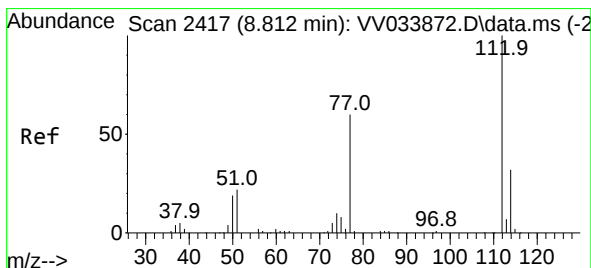
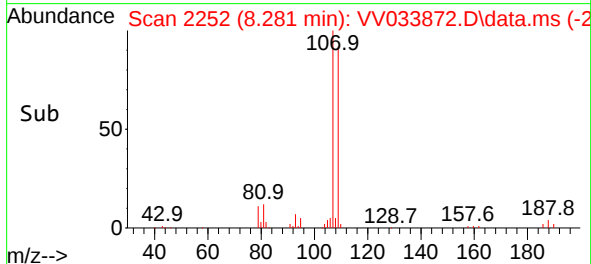
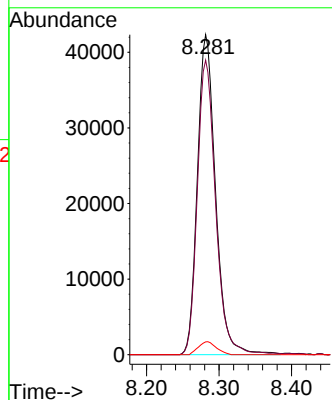
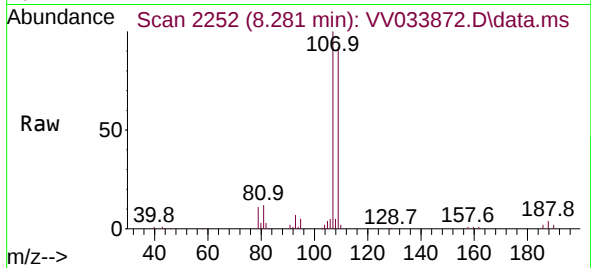




#50
1,2-Dibromoethane
Concen: 48.517 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

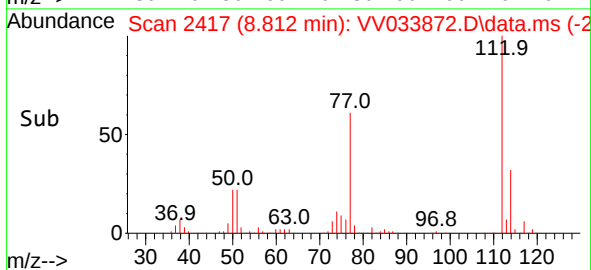
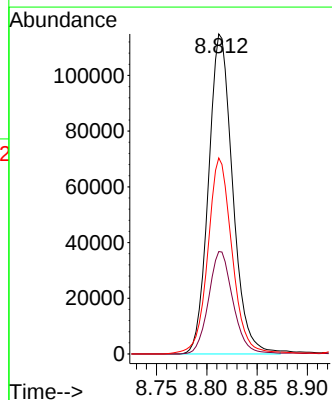
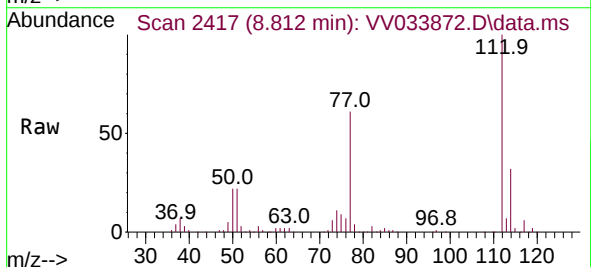
Instrument :
MSVOA_V
ClientSampleId :

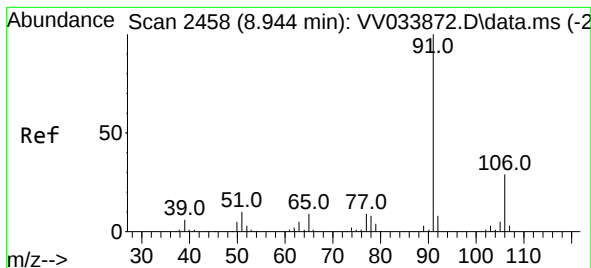
Tgt Ion:107 Resp: 73793
Ion Ratio Lower Upper
107 100
109 92.1 66.4 123.4
188 4.0 2.7 4.1



#51
Chlorobenzene
Concen: 49.473 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion:112 Resp: 192027
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 61.2 49.4 74.0





#52

Ethylbenzene

Concen: 48.745 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

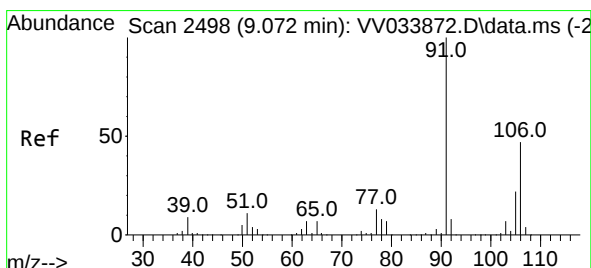
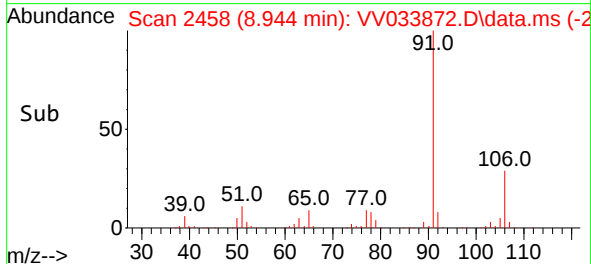
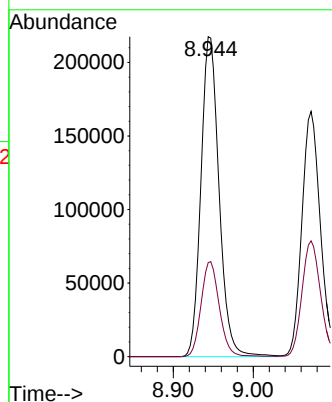
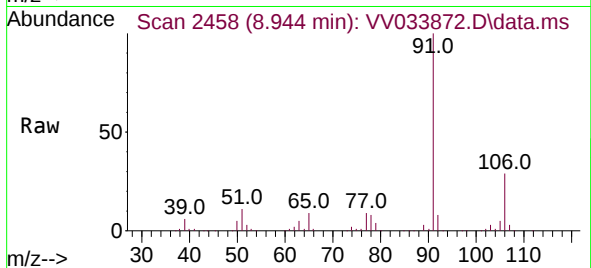
ClientSampleId :

Tgt Ion: 91 Resp: 344025

Ion Ratio Lower Upper

91 100

106 29.4 21.5 39.9



#53

m,p-Xylene

Concen: 48.831 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV033872.D

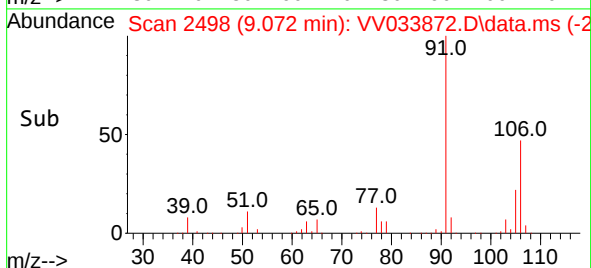
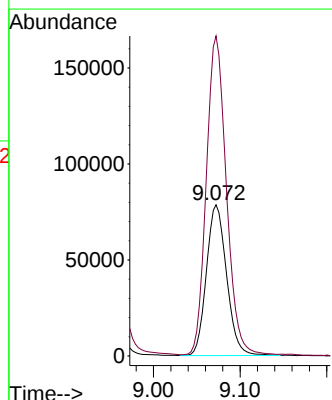
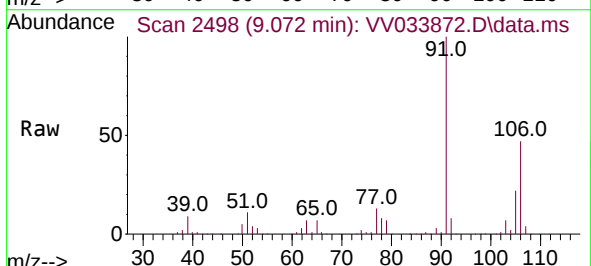
Acq: 26 Jan 2024 09:02

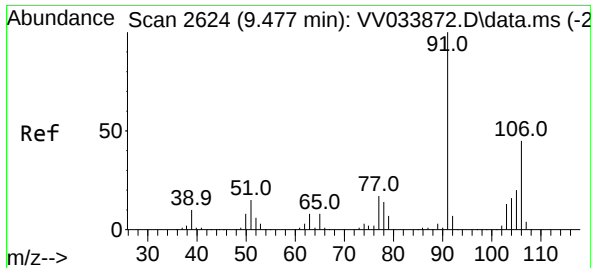
Tgt Ion: 106 Resp: 127231

Ion Ratio Lower Upper

106 100

91 211.6 146.1 271.3

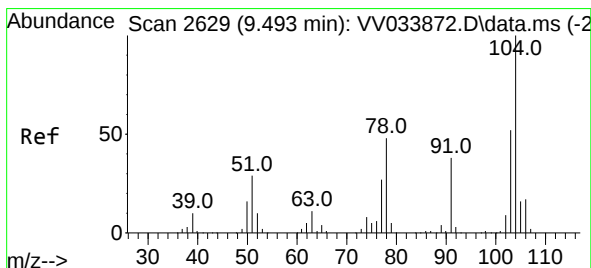
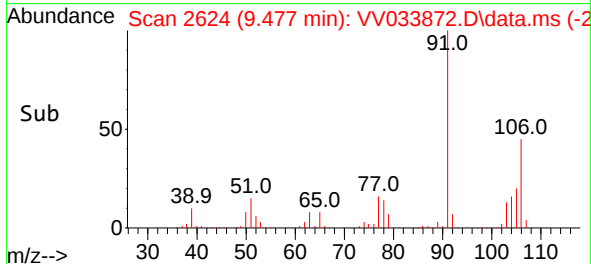
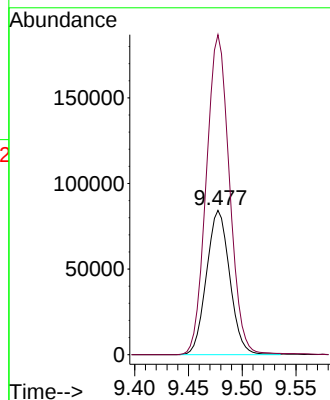
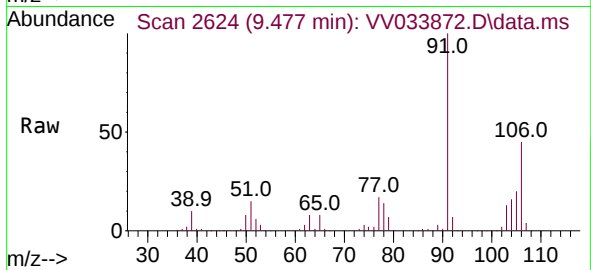




#54
o-Xylene
Concen: 49.147 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

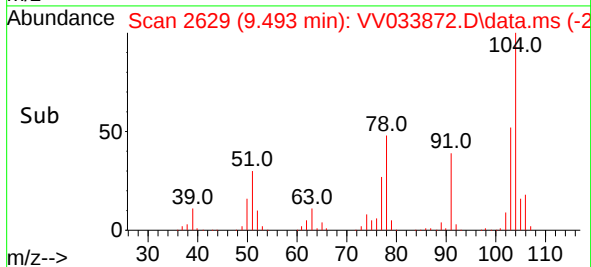
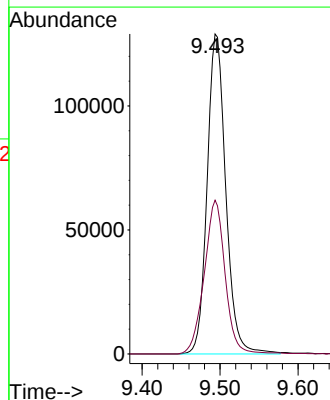
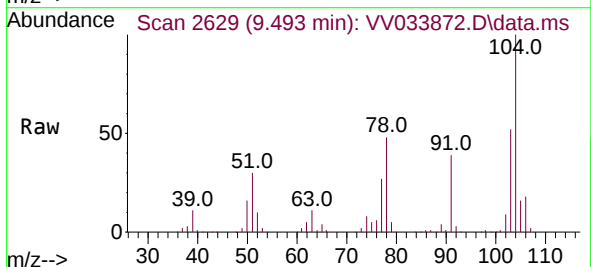
Instrument :
MSVOA_V
ClientSampleId :

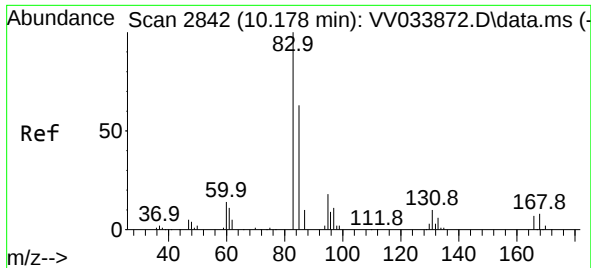
Tgt Ion:106 Resp: 126776
Ion Ratio Lower Upper
106 100
91 221.7 155.2 288.2



#55
Styrene
Concen: 48.148 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion:104 Resp: 214428
Ion Ratio Lower Upper
104 100
78 48.1 33.0 61.4

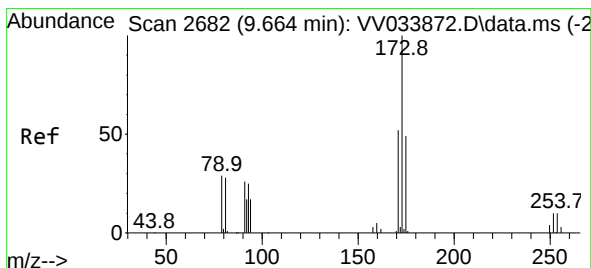
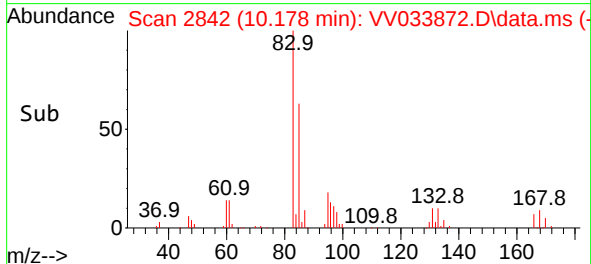
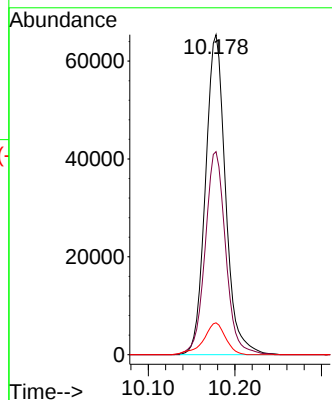
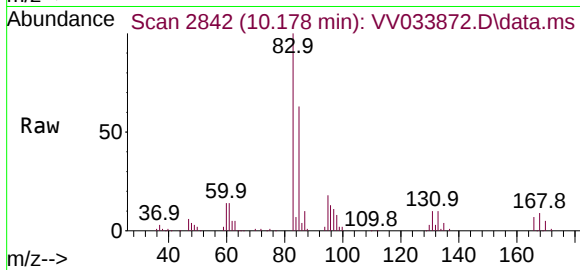




#57
1,1,2,2-Tetrachloroethane
Concen: 45.907 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

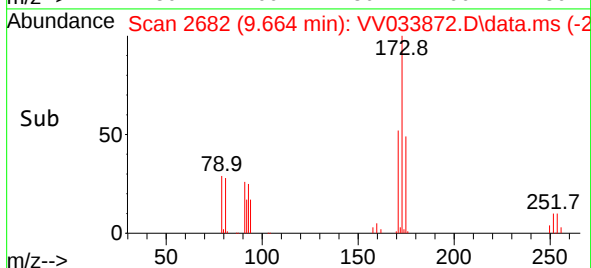
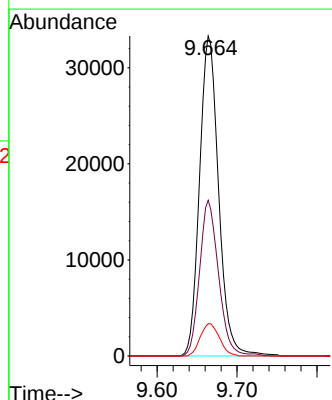
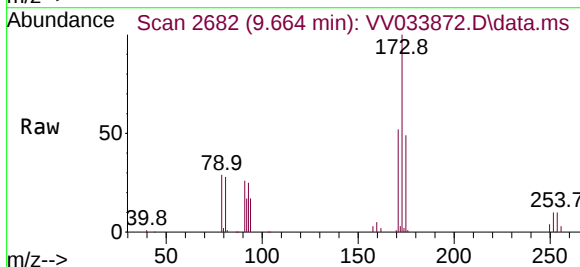
Instrument :
MSVOA_V
ClientSampleId :

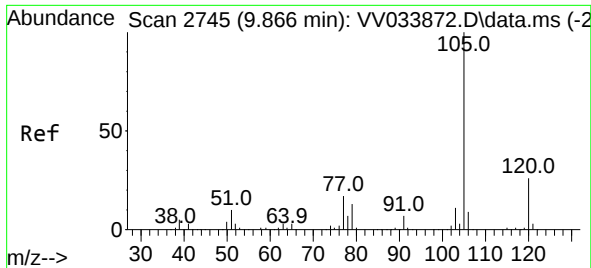
Tgt Ion: 83 Resp: 105150
Ion Ratio Lower Upper
83 100
85 63.5 44.9 83.5
131 10.0 7.5 11.3



#59
Bromoform
Concen: 50.820 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion: 173 Resp: 55335
Ion Ratio Lower Upper
173 100
175 48.0 37.2 55.8
254 10.1 7.4 11.0

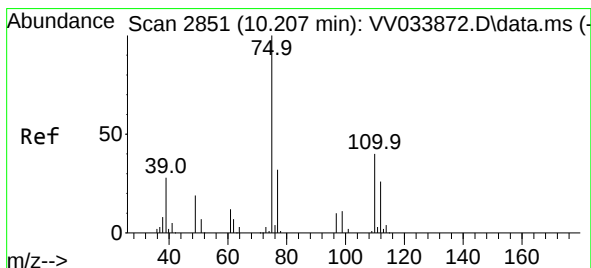
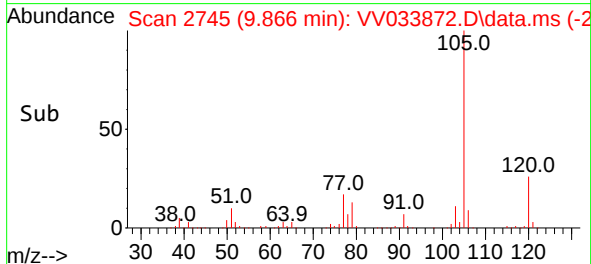
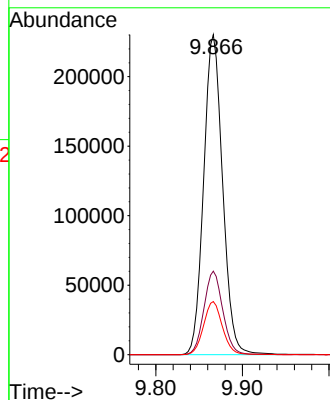
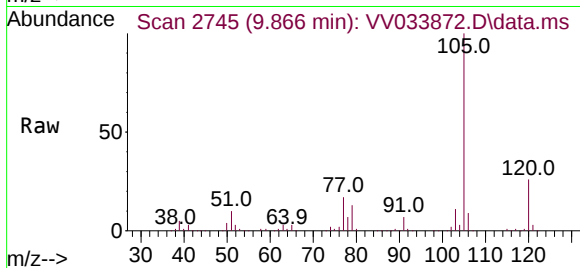




#60
Isopropylbenzene
Concen: 50.419 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

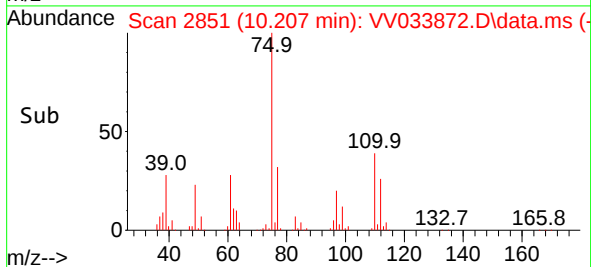
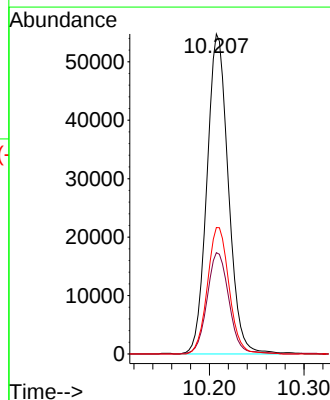
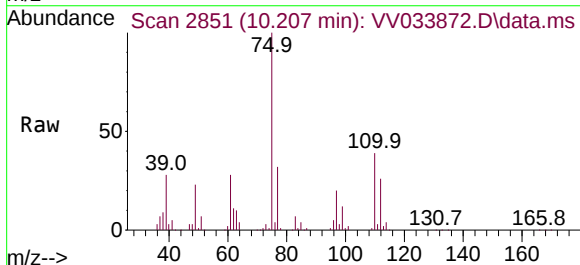
Instrument :
MSVOA_V
ClientSampleId :

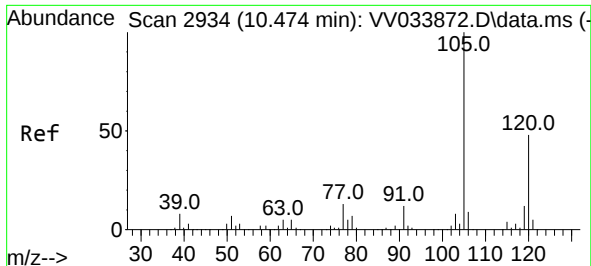
Tgt Ion:105 Resp: 349479
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 47.454 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion: 75 Resp: 86280
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
110 39.9 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 50.306 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

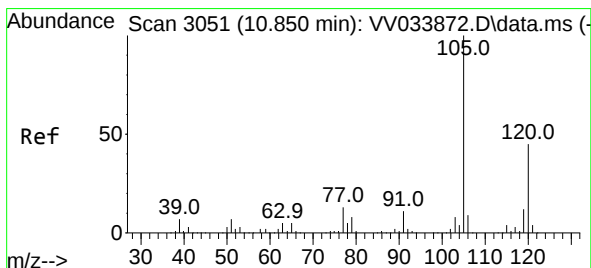
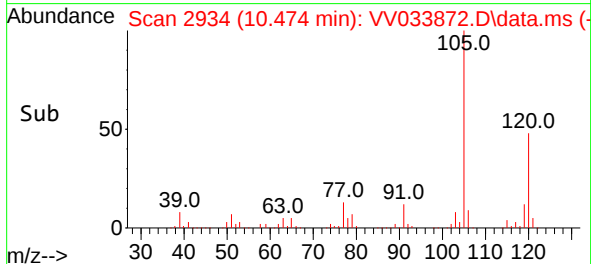
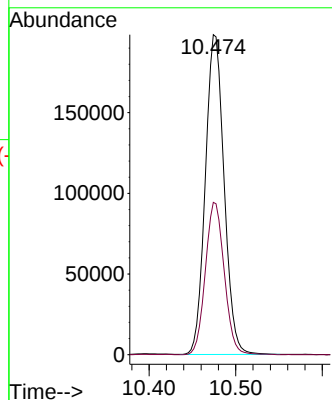
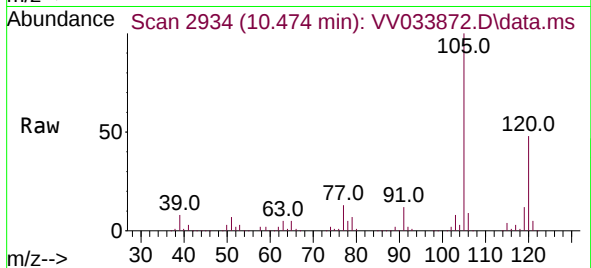
ClientSampleId :

Tgt Ion:105 Resp: 299182

Ion Ratio Lower Upper

105 100

120 47.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 49.905 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033872.D

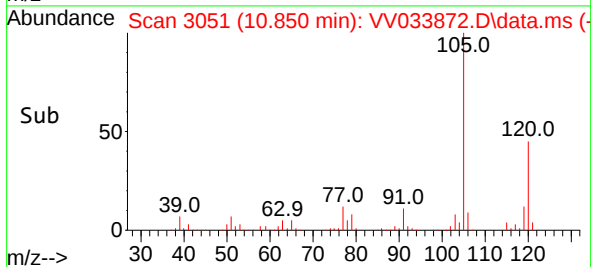
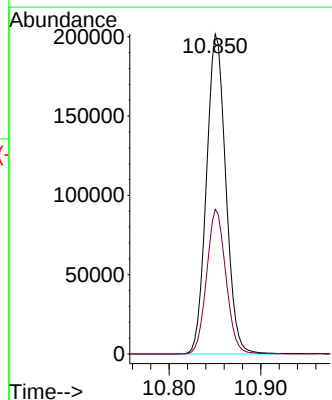
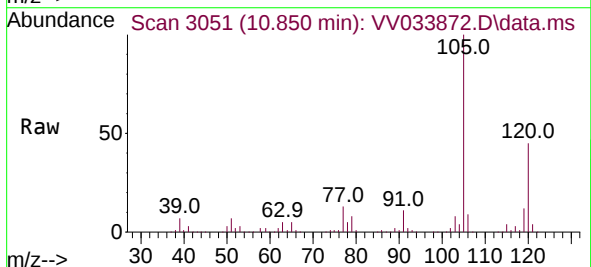
Acq: 26 Jan 2024 09:02

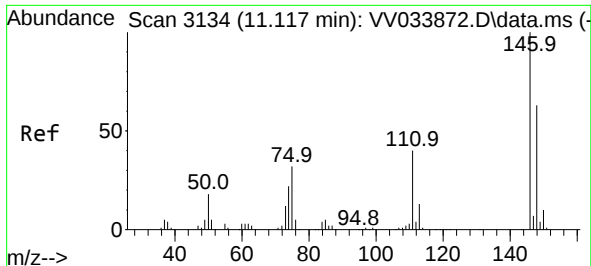
Tgt Ion:105 Resp: 295727

Ion Ratio Lower Upper

105 100

120 45.0 35.4 53.0

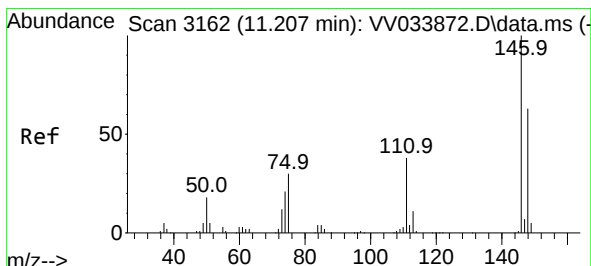
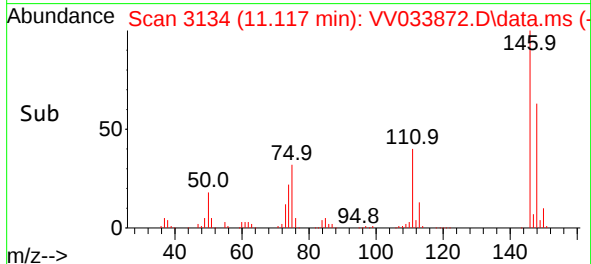
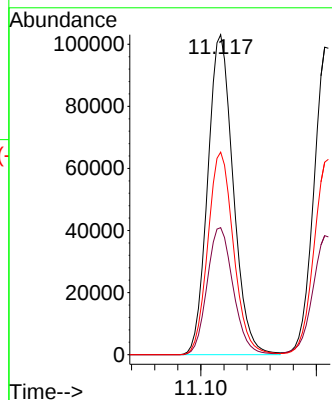
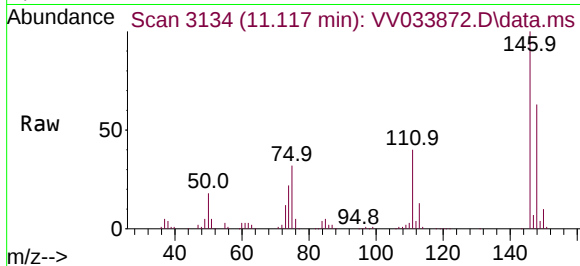




#64
 1,3-Dichlorobenzene
 Concen: 50.433 ug/L
 RT: 11.117 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: VV033872.D
 Acq: 26 Jan 2024 09:02

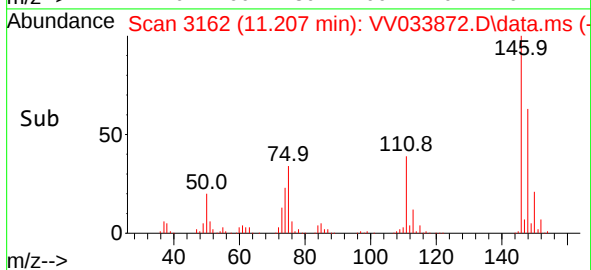
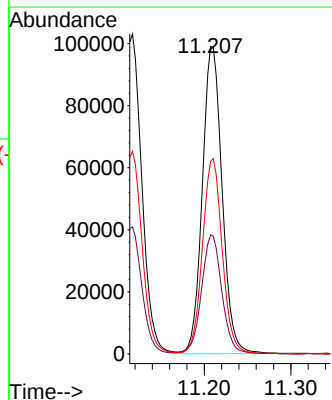
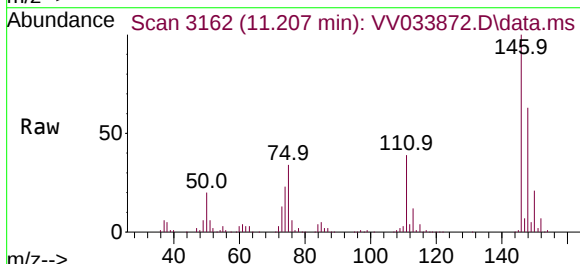
Instrument :
 MSVOA_V
 ClientSampleId :

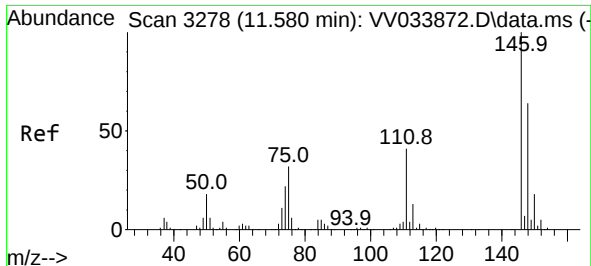
Tgt Ion:146 Resp: 157902
 Ion Ratio Lower Upper
 146 100
 111 39.7 29.0 53.8
 148 63.3 43.9 81.5



#65
 1,4-Dichlorobenzene
 Concen: 49.944 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: VV033872.D
 Acq: 26 Jan 2024 09:02

Tgt Ion:146 Resp: 156795
 Ion Ratio Lower Upper
 146 100
 111 38.7 27.7 51.5
 148 62.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 51.017 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

ClientSampleId :

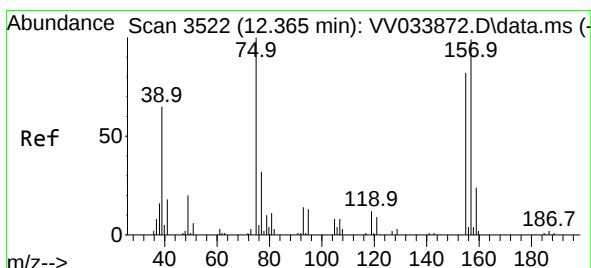
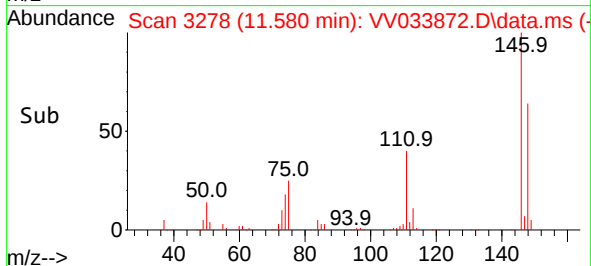
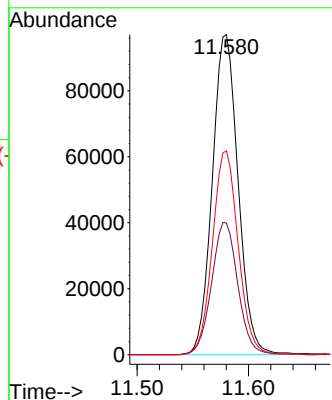
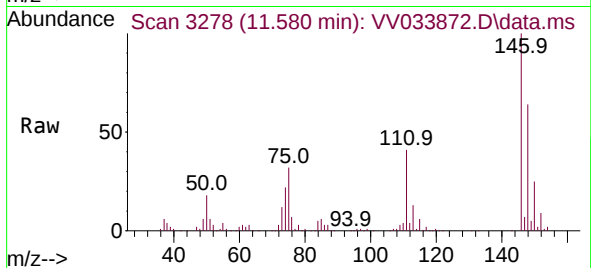
Tgt Ion:146 Resp: 156073

Ion Ratio Lower Upper

146 100

111 41.2 35.4 53.0

148 63.7 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 47.205 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

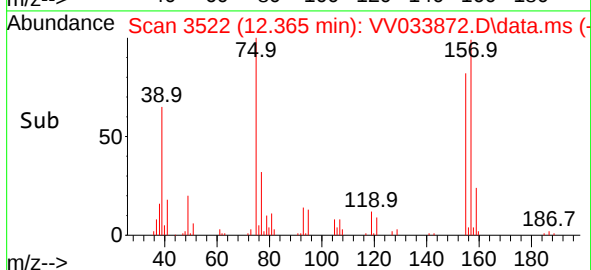
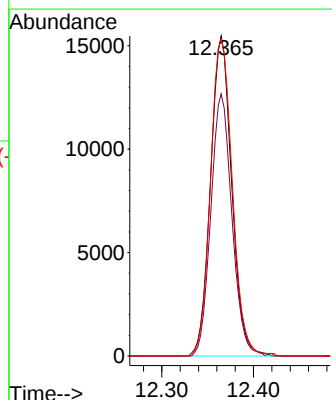
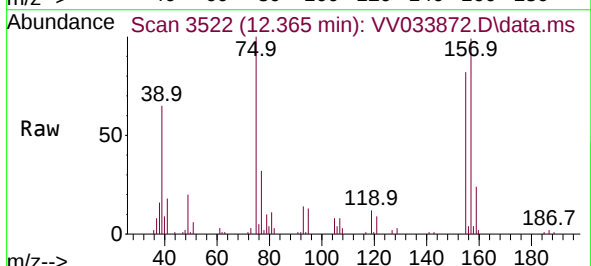
Tgt Ion: 75 Resp: 24767

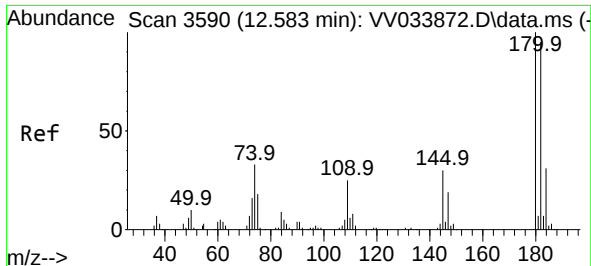
Ion Ratio Lower Upper

75 100

155 81.9 61.6 92.4

157 99.0 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 50.507 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

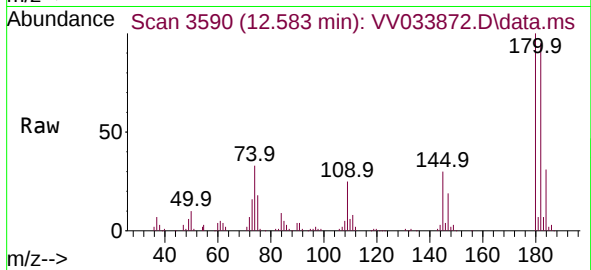
Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 116856

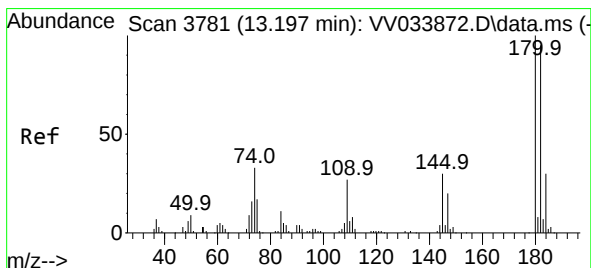
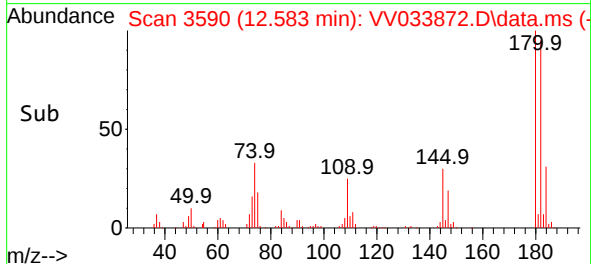
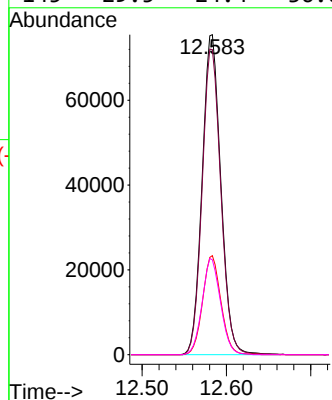
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

184 30.3 23.9 35.9

145 29.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 51.209 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033872.D

Acq: 26 Jan 2024 09:02

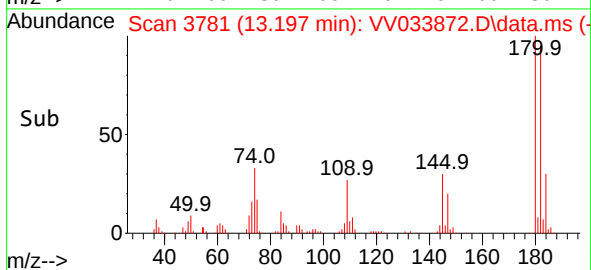
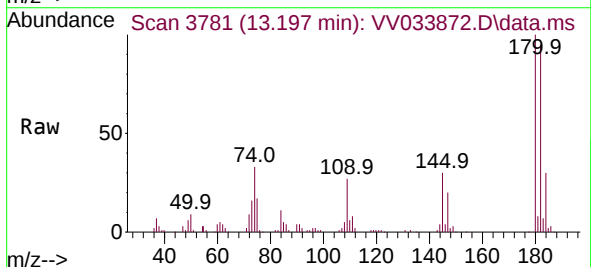
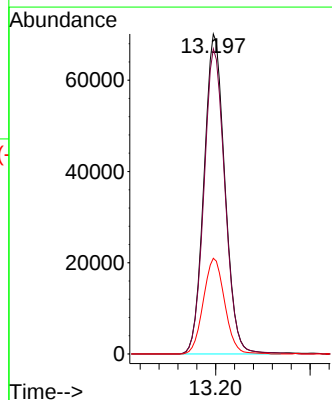
Tgt Ion:180 Resp: 107537

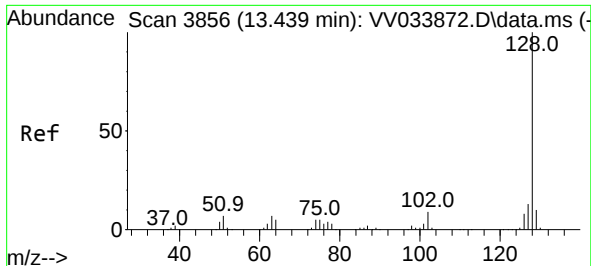
Ion Ratio Lower Upper

180 100

182 95.8 76.3 114.5

145 30.5 25.4 38.0

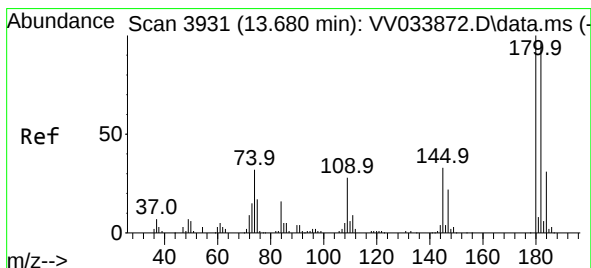
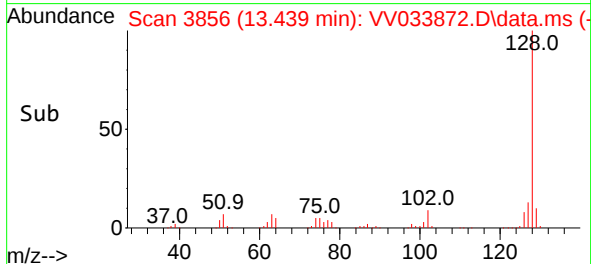
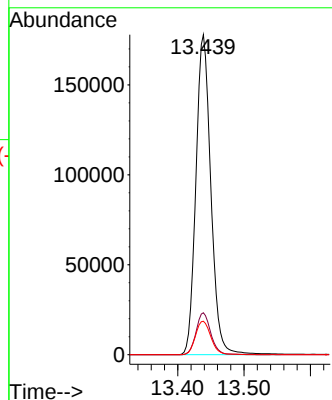
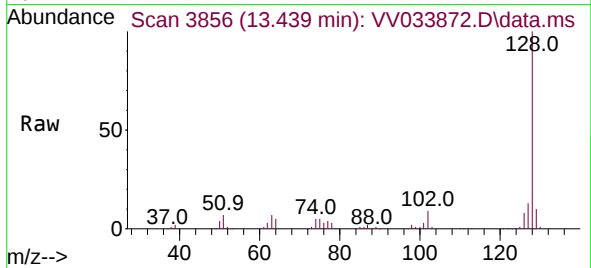




#71
Naphthalene
Concen: 50.778 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 278640
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.119 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033872.D
Acq: 26 Jan 2024 09:02

Tgt Ion:180 Resp: 104116
Ion Ratio Lower Upper
180 100
182 96.2 76.0 114.0
145 32.9 26.3 39.5

