

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100223\
 Data File : VV032189.D
 Acq On : 02 Oct 2023 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 01:55:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:18:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	229652	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	222480	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	122741	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	60603	42.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.280%
7) Chloroethane-d5	1.529	69	53794	43.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	2.060	65	26162	42.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.320%
21) 2-Butanone-d5	3.786	46	113305	88.665	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.660%
24) Chloroform-d	4.249	84	136654	45.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
26) 1,2-Dichloroethane-d4	4.941	65	81374	45.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.960%
32) Benzene-d6	4.960	84	256469	43.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.700%
36) 1,2-Dichloropropane-d6	5.989	67	86115	44.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.240%
41) Toluene-d8	7.246	98	230870	43.270	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.540%
43) trans-1,3-Dichloroprop...	7.555	79	41482	44.678	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.360%
47) 2-Hexanone-d5	8.027	63	73760	87.516	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	124009	44.674	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.340%
66) 1,2-Dichlorobenzene-d4	11.564	152	98496	44.251	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	97469	50.121	ug/L	99
3) Chloromethane	1.214	50	103256	48.965	ug/L	99
5) Vinyl chloride	1.282	62	104019	50.078	ug/L	99
6) Bromomethane	1.484	94	61533	52.210	ug/L	98
8) Chloroethane	1.548	64	64107	49.580	ug/L	99
9) Trichlorofluoromethane	1.712	101	136165	51.075	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	83920	52.203	ug/L	99
12) 1,1-Dichloroethene	2.069	96	75310	50.631	ug/L	94
13) Acetone	2.111	43	136319	114.028	ug/L	99
14) Carbon disulfide	2.240	76	235730	49.521	ug/L	100
15) Methyl Acetate	2.372	43	100274	47.015	ug/L	99
16) Methylene chloride	2.446	84	91746	48.853	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	83311	49.687	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	275927	49.187	ug/L	100
19) 1,1-Dichloroethane	3.111	63	163846	49.836	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	91868	48.661	ug/L	97
22) 2-Butanone	3.867	43	153240	95.477	ug/L	99
23) Bromochloromethane	4.146	128	46828	49.523	ug/L	97
25) Chloroform	4.278	83	160640	50.054	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100223\
 Data File : VW032189.D
 Acq On : 02 Oct 2023 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

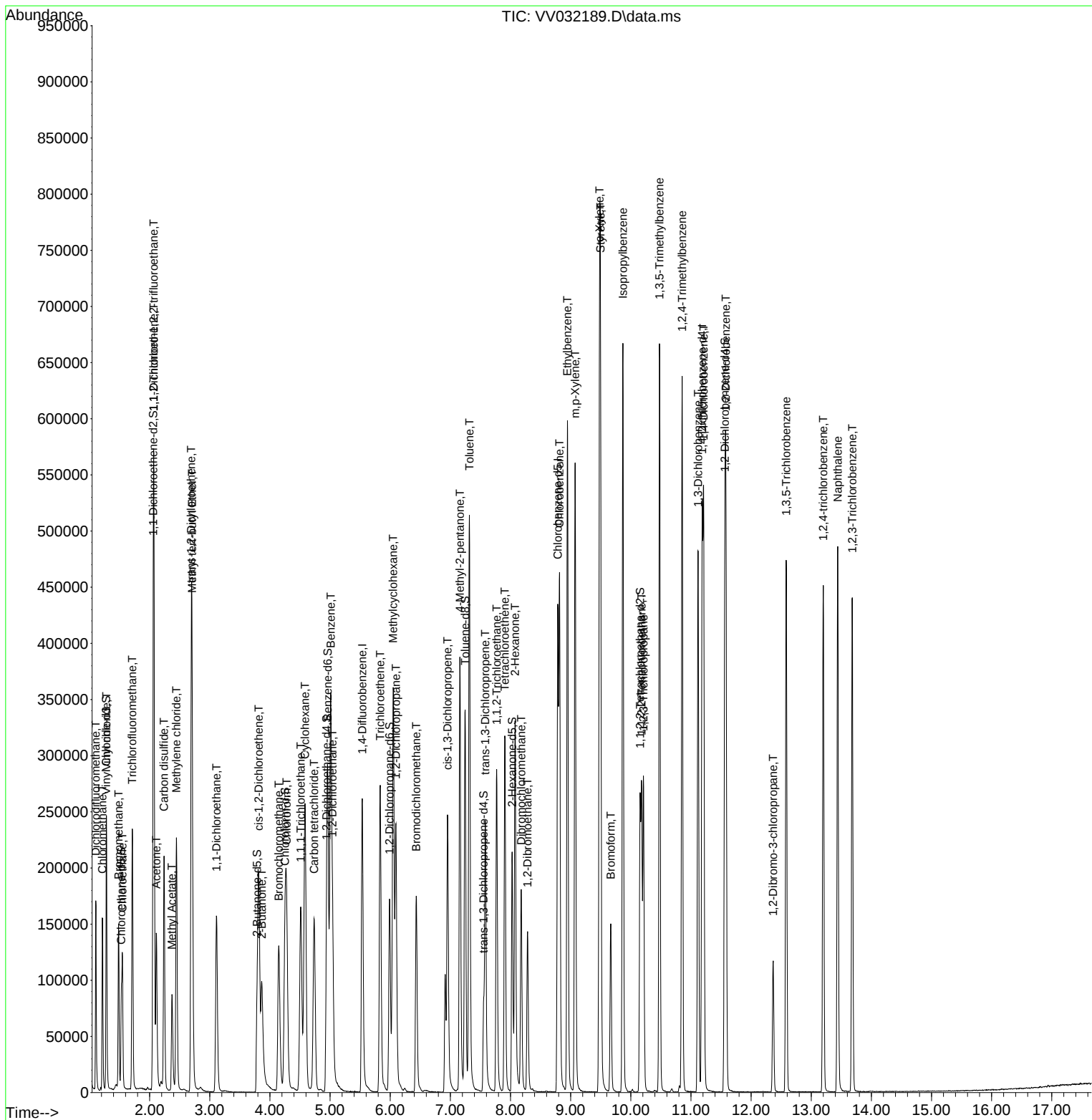
Instrument :
 MSVOA_V
 ClientSampleId :

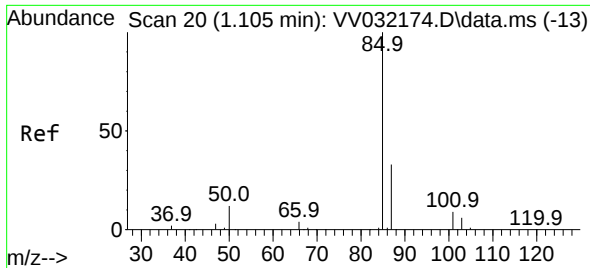
Quant Time: Oct 03 01:55:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:18:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	119403	49.225	ug/L	99
29) Cyclohexane	4.584	56	152463	49.089	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	137362	49.513	ug/L	99
31) Carbon tetrachloride	4.735	117	119045	49.688	ug/L	100
33) Benzene	5.011	78	349499	49.247	ug/L	100
34) Trichloroethene	5.834	95	97319	49.809	ug/L	98
35) Methylcyclohexane	6.050	83	154755	49.540	ug/L	99
37) 1,2-Dichloropropane	6.095	63	96251	49.428	ug/L	99
38) Bromodichloromethane	6.433	83	123191	50.326	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	152927	49.521	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	271629	93.593	ug/L	100
42) Toluene	7.317	91	376503	49.691	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	140854	49.806	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	91664	49.348	ug/L	99
46) Tetrachloroethene	7.905	164	71119	50.091	ug/L	99
48) 2-Hexanone	8.076	43	218045	96.174	ug/L	99
49) Dibromochloromethane	8.178	129	92509	50.089	ug/L	99
50) 1,2-Dibromoethane	8.285	107	96282	48.679	ug/L	98
51) Chlorobenzene	8.815	112	240418	49.178	ug/L	99
52) Ethylbenzene	8.947	91	419028	49.510	ug/L	99
53) m,p-Xylene	9.075	106	155735	49.388	ug/L	98
54) o-Xylene	9.481	106	153207	49.320	ug/L	100
55) Styrene	9.497	104	268829	50.726	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	133966	46.285	ug/L	100
59) Bromoform	9.667	173	66016	48.402	ug/L	99
60) Isopropylbenzene	9.870	105	421218	49.306	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	109317	45.817	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	342937	48.860	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	338353	49.010	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	193316	48.404	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	195699	48.508	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	190966	48.612	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	28656	43.498	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	141017	48.763	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	130609	48.023	ug/L	99
71) Naphthalene	13.442	128	365774	40.827	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	127949	47.349	ug/L	99

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

Quant Time: Oct 03 01:55:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 26 01:18:56 2023
Response via : Initial Calibration

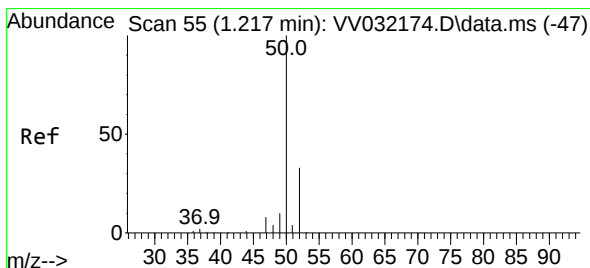
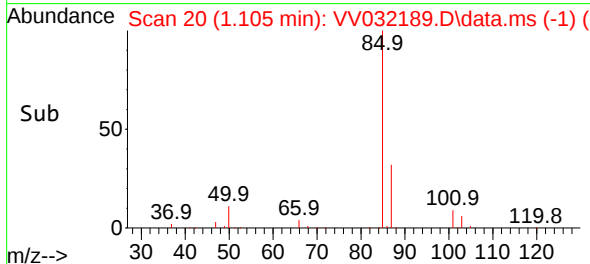
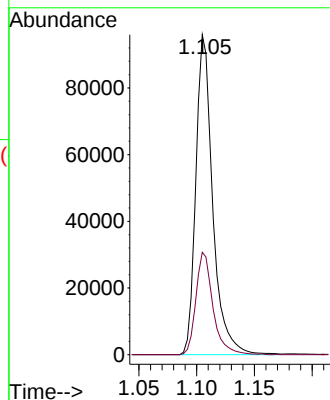
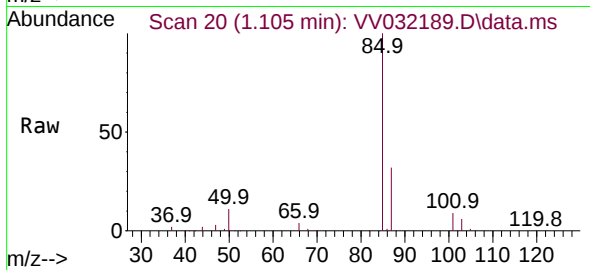




#2
 Dichlorodifluoromethane
 Concen: 50.121 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032189.D
 Acq: 02 Oct 2023 09:24

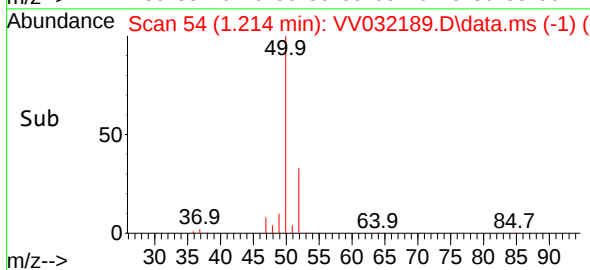
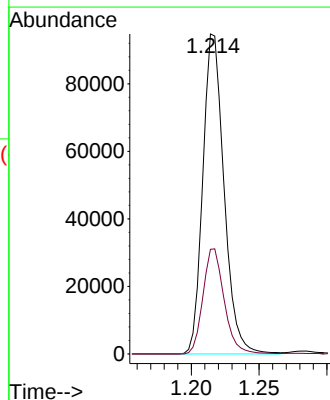
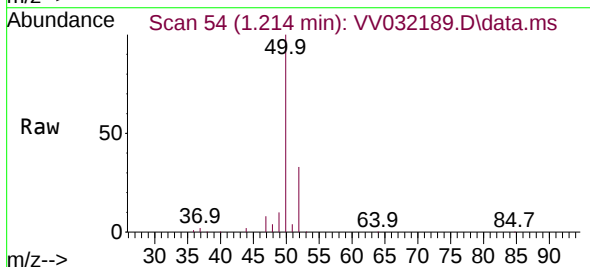
Instrument :
 MSVOA_V
 ClientSampleId :

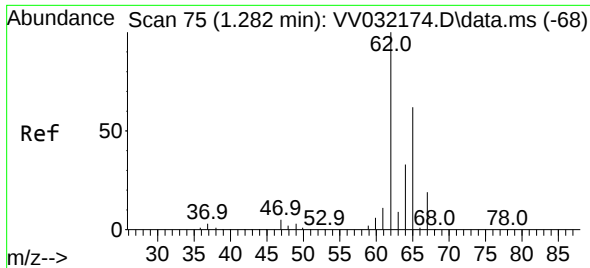
Tgt Ion: 85 Resp: 97469
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.0



#3
 Chloromethane
 Concen: 48.965 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032189.D
 Acq: 02 Oct 2023 09:24

Tgt Ion: 50 Resp: 103256
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.4 41.6





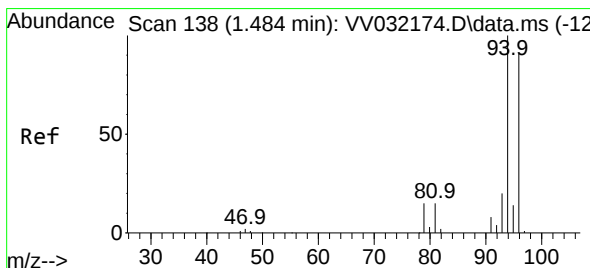
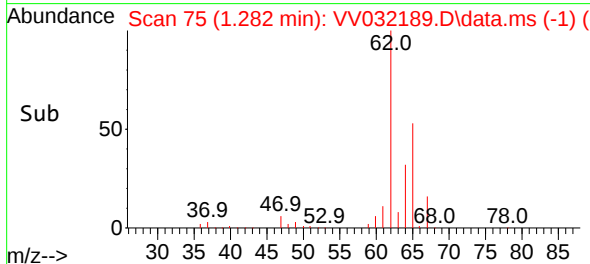
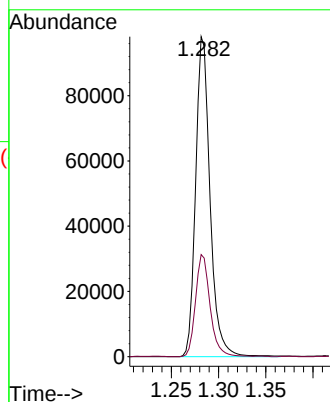
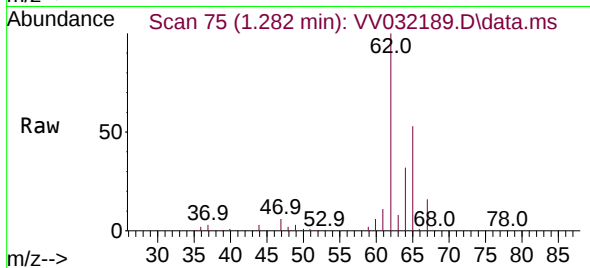
#5
 Vinyl chloride
 Concen: 50.078 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032189.D
 Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

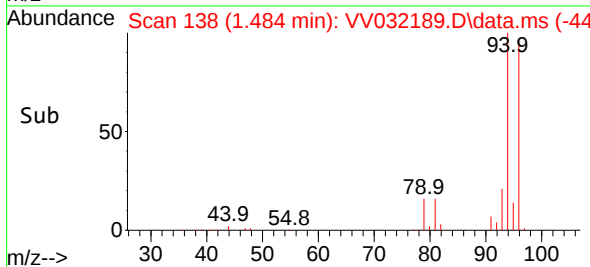
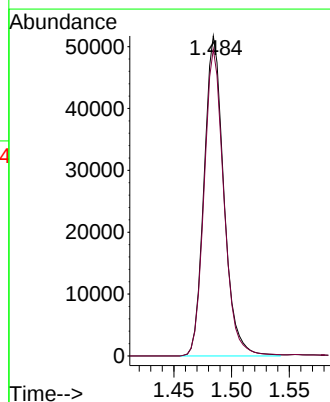
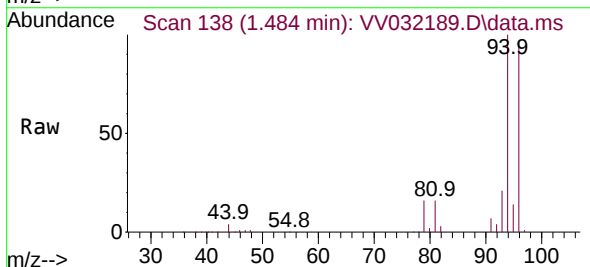
ClientSampleId :

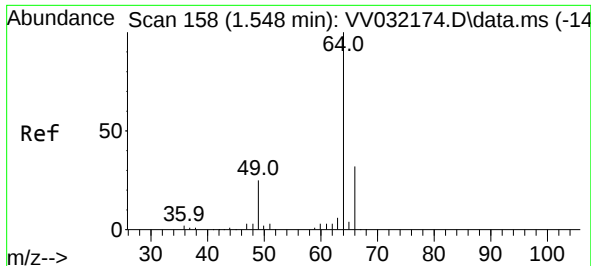
Tgt Ion: 62 Resp: 104019
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.5 41.9



#6
 Bromomethane
 Concen: 52.210 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV032189.D
 Acq: 02 Oct 2023 09:24

Tgt Ion: 94 Resp: 61533
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.7 122.1

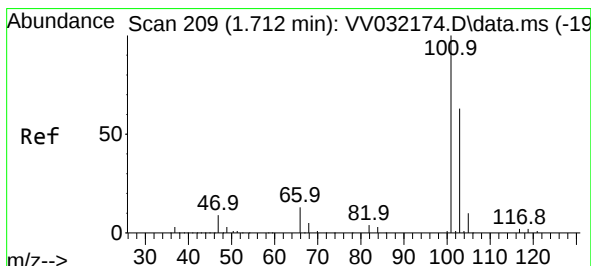
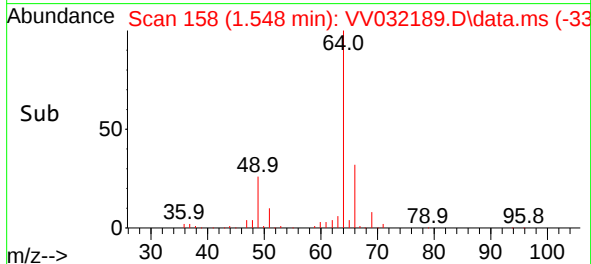
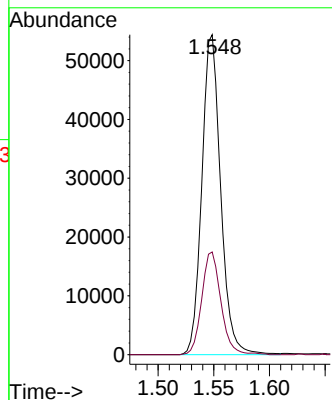
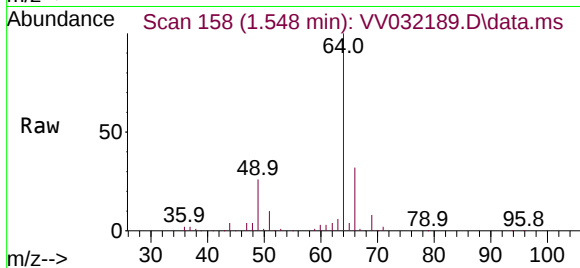




#8
Chloroethane
Concen: 49.580 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

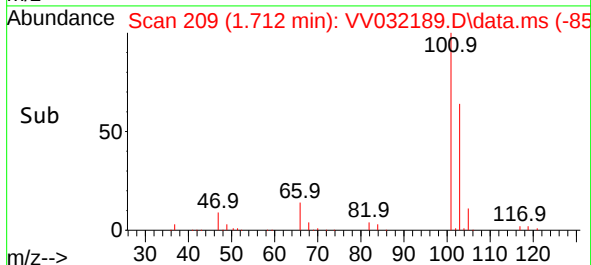
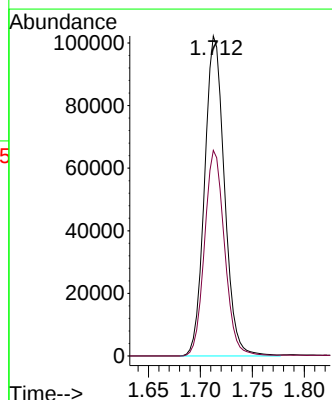
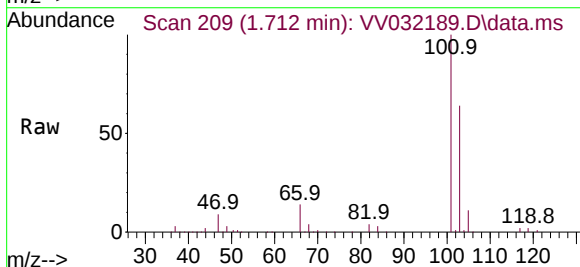
Instrument :
MSVOA_V
ClientSampleId :

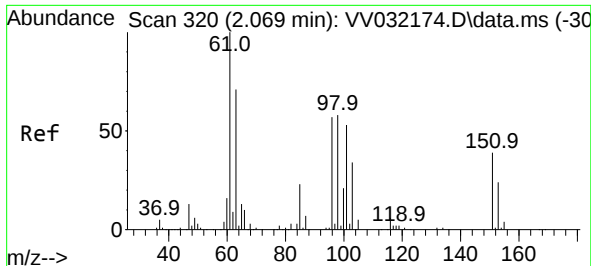
Tgt Ion: 64 Resp: 64107
Ion Ratio Lower Upper
64 100
66 32.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 51.075 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Tgt Ion: 101 Resp: 136165
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1

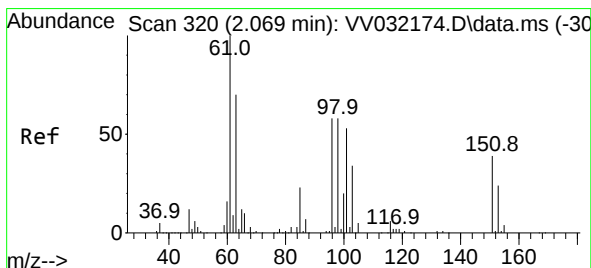
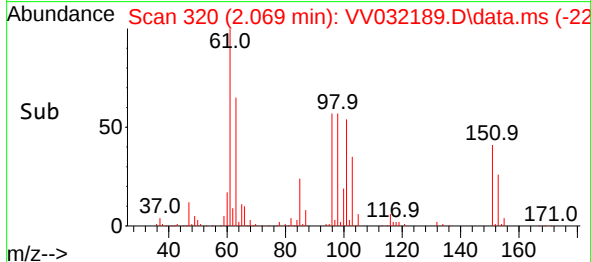
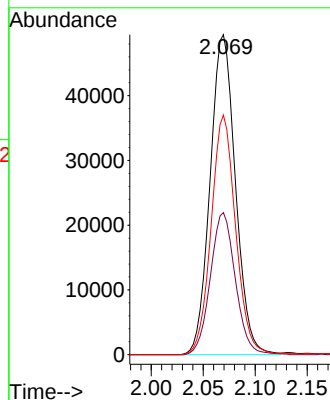
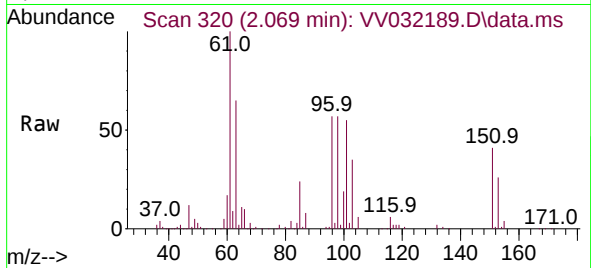




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.203 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032189.D
 Acq: 02 Oct 2023 09:24

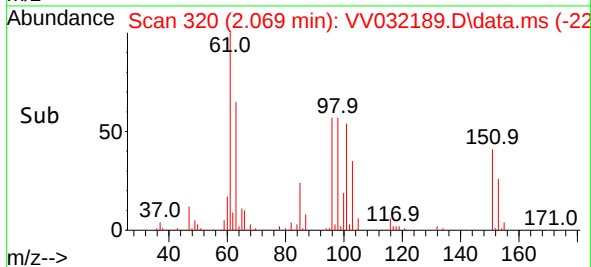
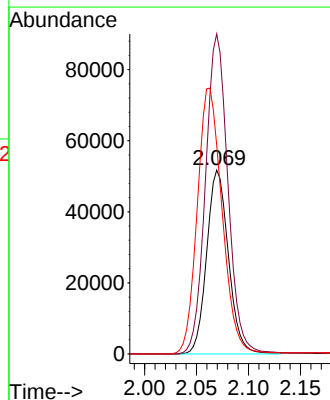
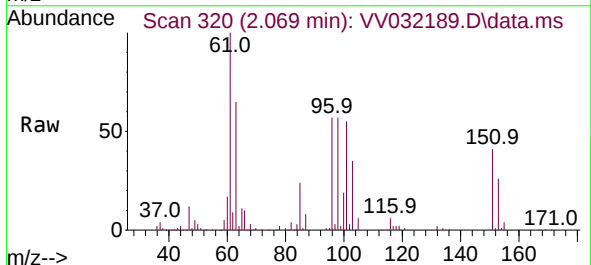
Instrument :
 MSVOA_V
 ClientSampleId :

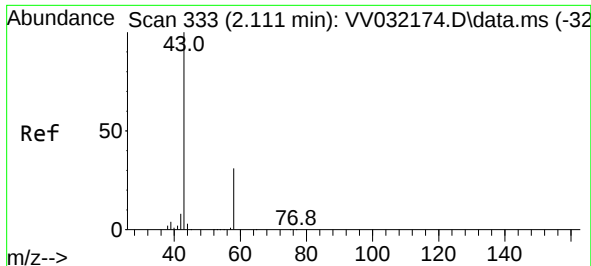
Tgt Ion:101 Resp: 83920
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.4 53.2
 151 72.4 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 50.631 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032189.D
 Acq: 02 Oct 2023 09:24

Tgt Ion: 96 Resp: 75310
 Ion Ratio Lower Upper
 96 100
 61 174.1 123.7 229.7
 63 113.8 89.9 167.0





#13

Acetone

Concen: 114.028 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

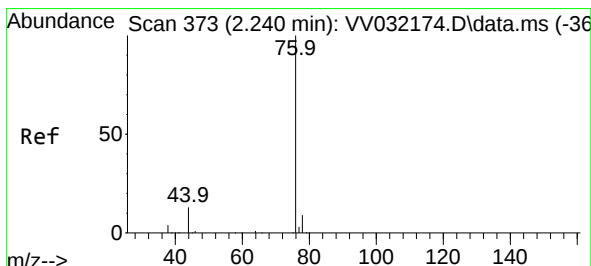
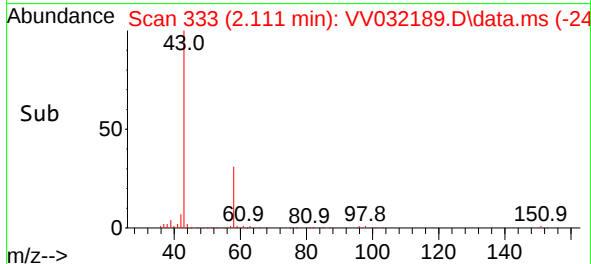
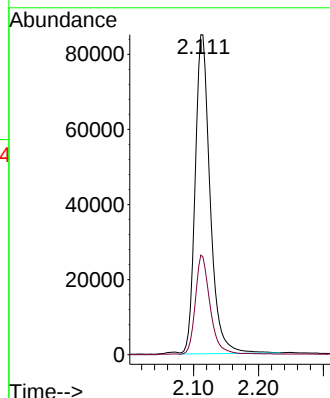
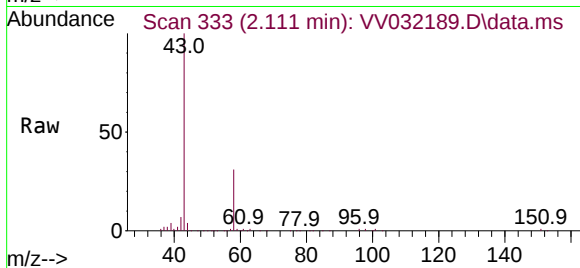
ClientSampleId :

Tgt Ion: 43 Resp: 136319

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.4



#14

Carbon disulfide

Concen: 49.521 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032189.D

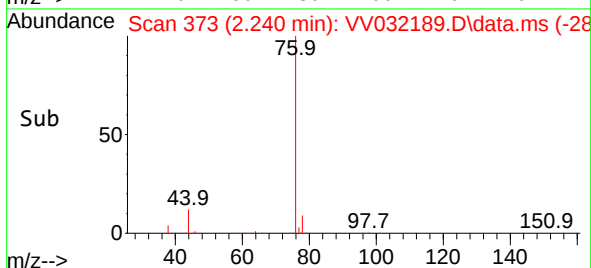
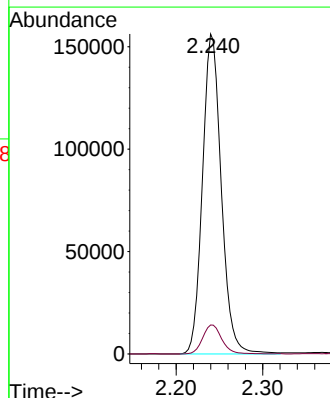
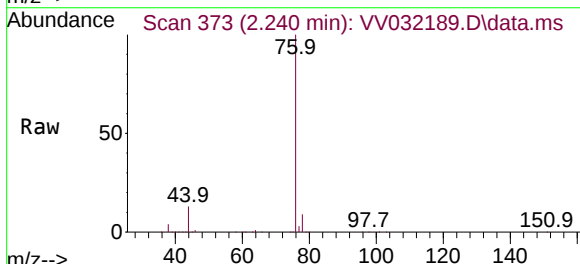
Acq: 02 Oct 2023 09:24

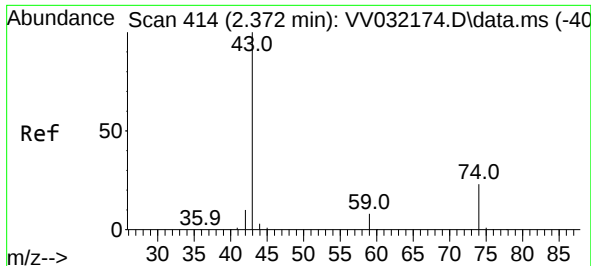
Tgt Ion: 76 Resp: 235730

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

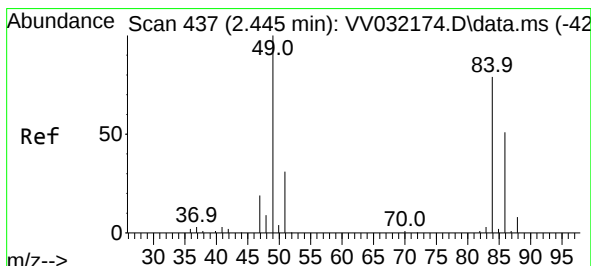
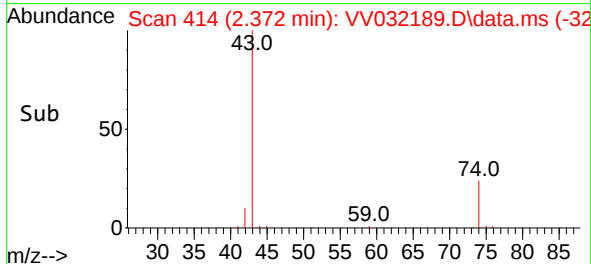
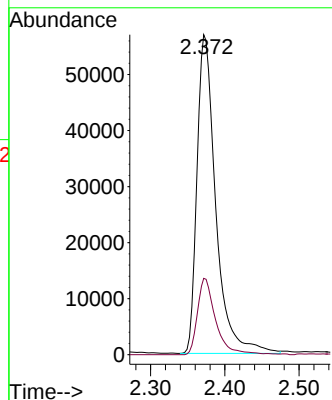
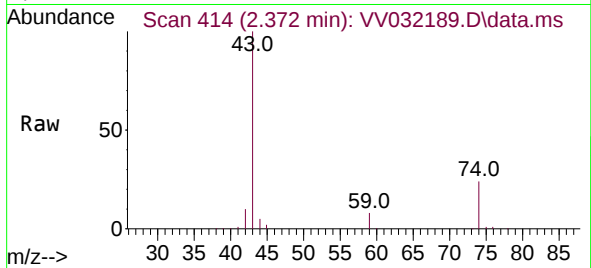




#15
Methyl Acetate
Concen: 47.015 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

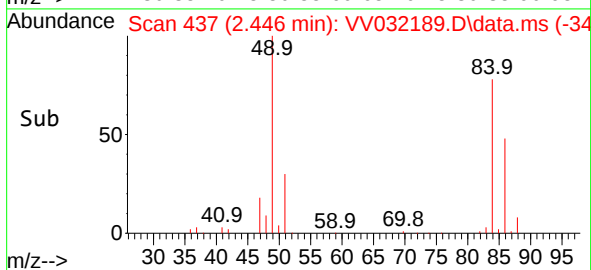
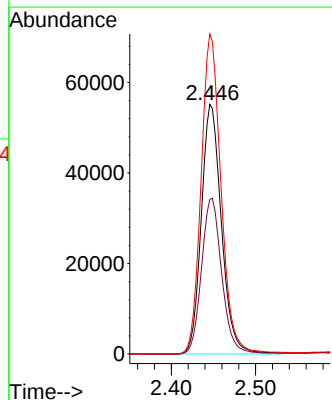
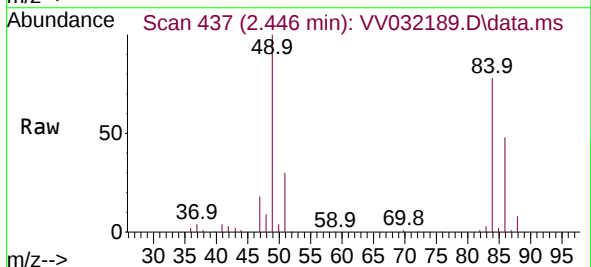
Instrument :
MSVOA_V
ClientSampleId :

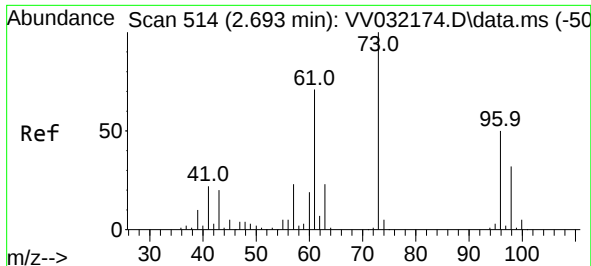
Tgt Ion: 43 Resp: 100274
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8



#16
Methylene chloride
Concen: 48.853 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

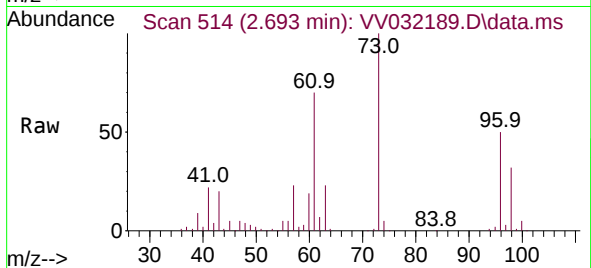
Tgt Ion: 84 Resp: 91746
Ion Ratio Lower Upper
84 100
86 62.0 45.4 84.4
49 128.2 88.5 164.4



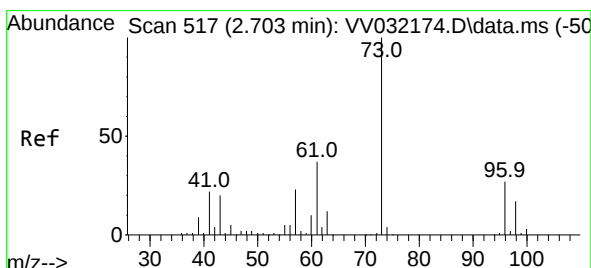
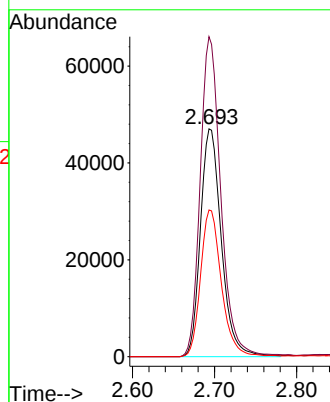
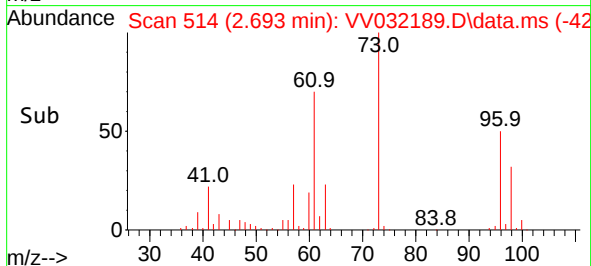


#17
trans-1,2-Dichloroethene
Concen: 49.687 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

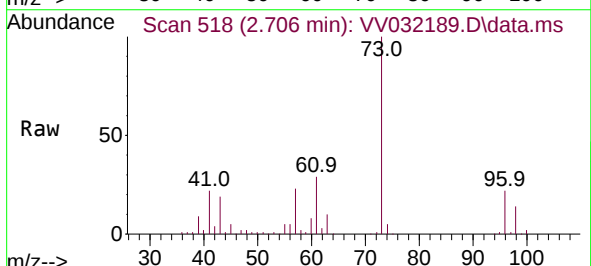
Instrument :
MSVOA_V
ClientSampleId :



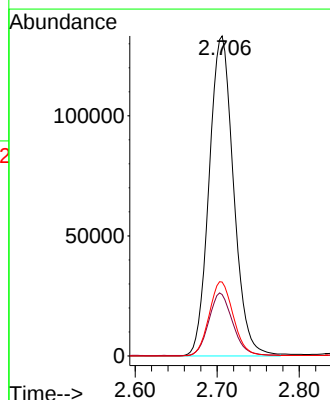
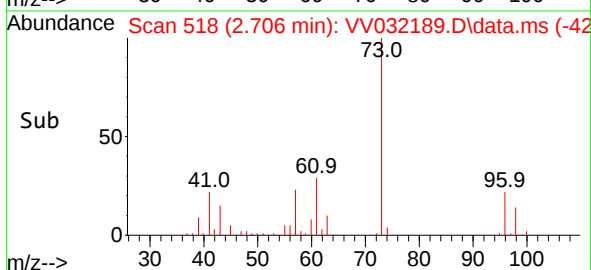
Tgt Ion: 96 Resp: 83311
Ion Ratio Lower Upper
96 100
61 140.4 97.4 180.8
98 64.4 45.2 84.0

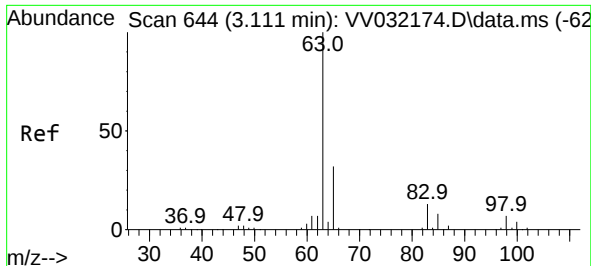


#18
Methyl tert-butyl Ether
Concen: 49.187 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24



Tgt Ion: 73 Resp: 275927
Ion Ratio Lower Upper
73 100
43 19.2 15.3 22.9
57 23.0 18.6 28.0

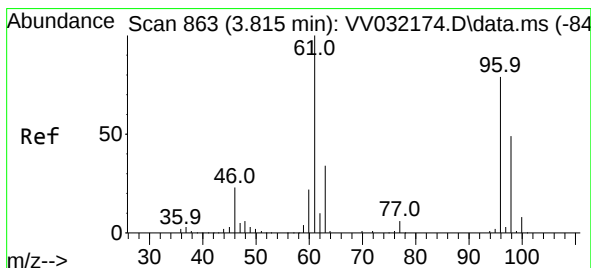
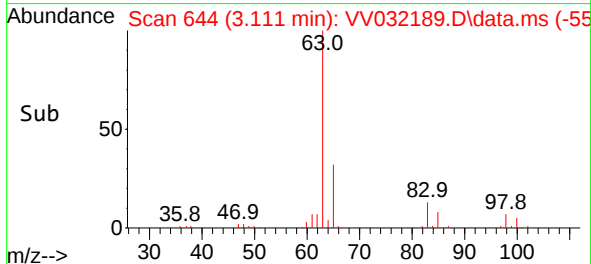
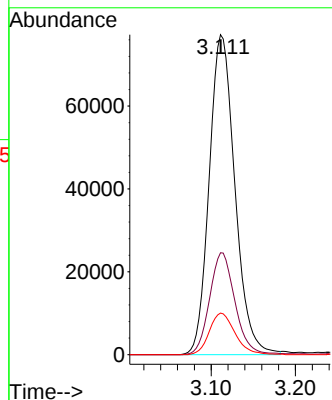
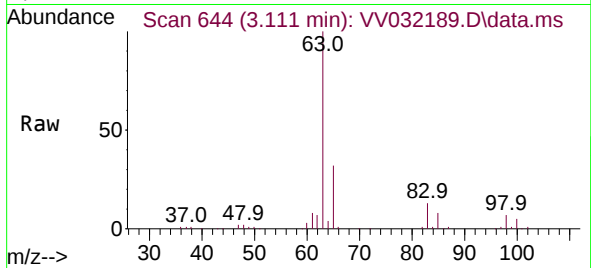




#19
1,1-Dichloroethane
Concen: 49.836 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

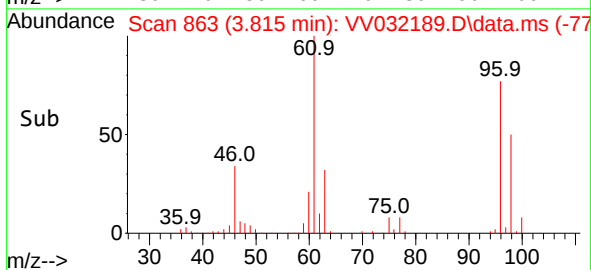
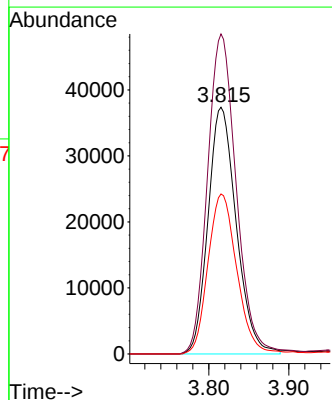
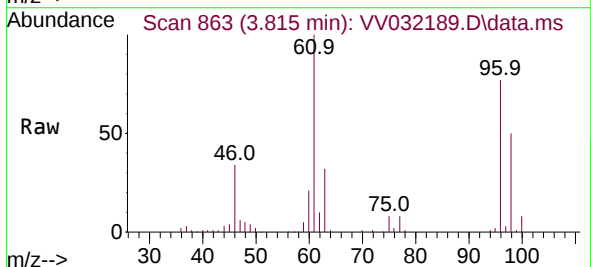
Instrument :
MSVOA_V
ClientSampleId :

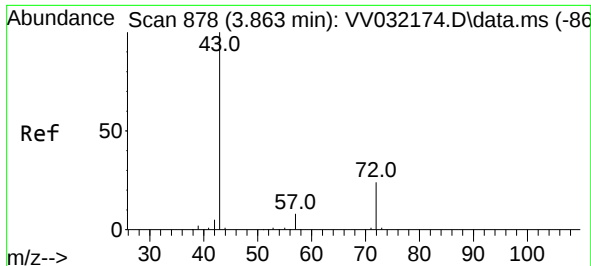
Tgt Ion: 63 Resp: 163846
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.3
83 13.0 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 48.661 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

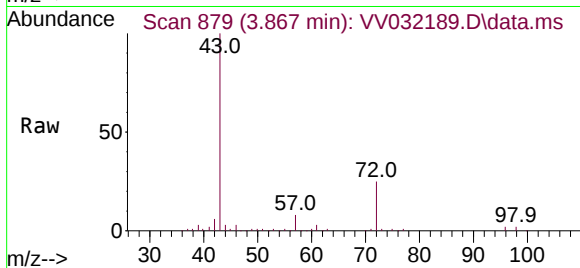
Tgt Ion: 96 Resp: 91868
Ion Ratio Lower Upper
96 100
61 129.7 88.3 164.1
98 64.9 43.3 80.3



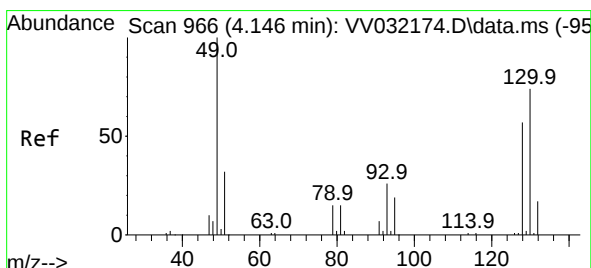
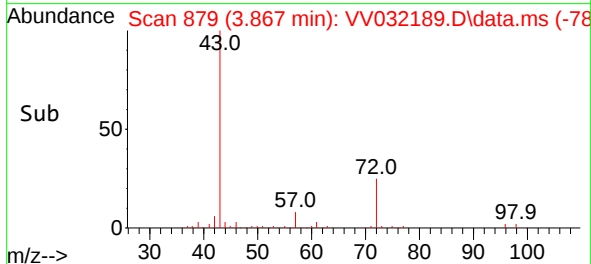
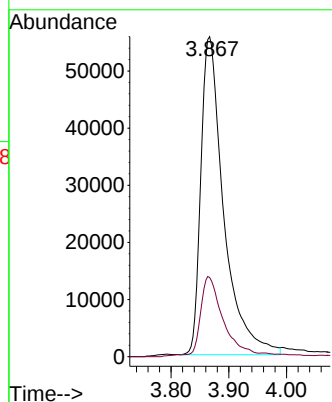


#22
2-Butanone
Concen: 95.477 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Instrument :
MSVOA_V
ClientSampleId :

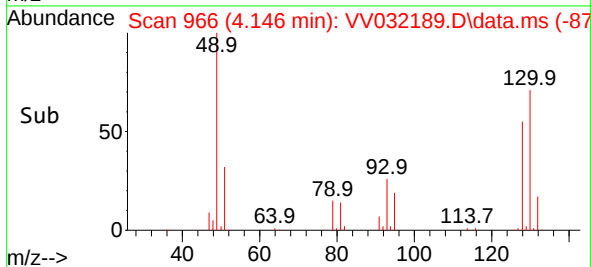
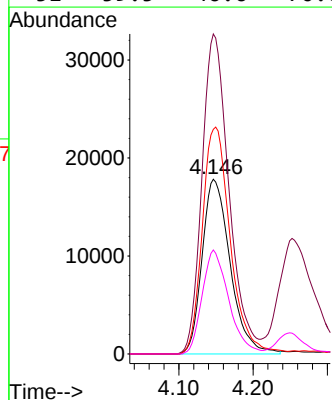
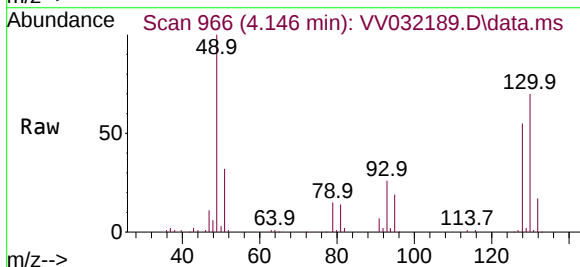


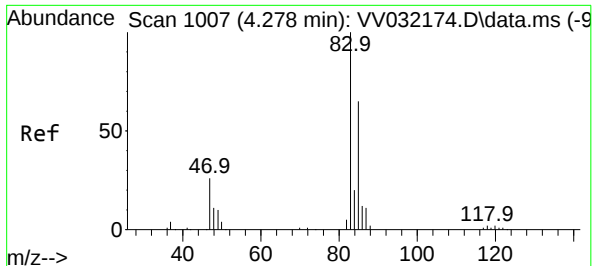
Tgt Ion: 43 Resp: 153240
Ion Ratio Lower Upper
43 100
72 23.5 12.0 36.0



#23
Bromochloromethane
Concen: 49.523 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Tgt Ion:128 Resp: 46828
Ion Ratio Lower Upper
128 100
49 183.1 125.0 232.2
130 128.5 92.3 171.5
51 59.5 46.6 70.0

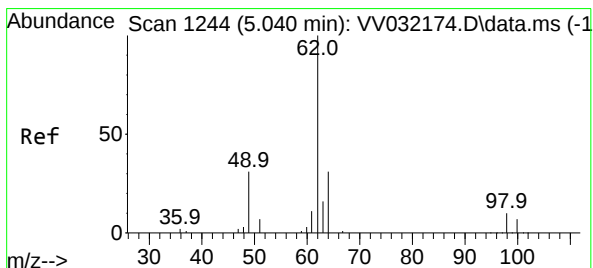
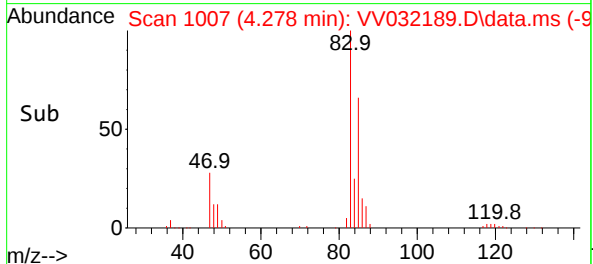
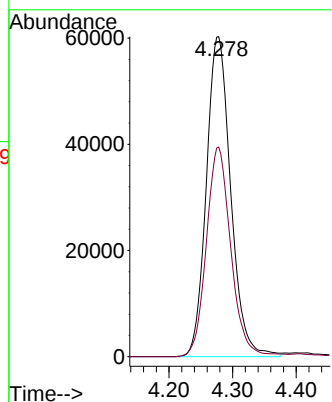
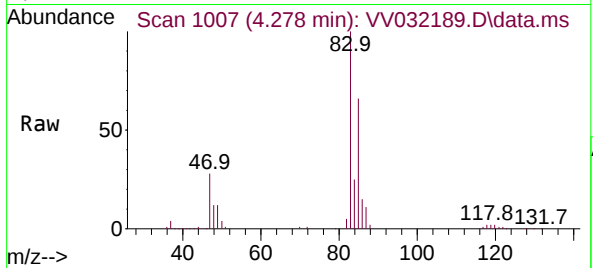




#25
Chloroform
Concen: 50.054 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

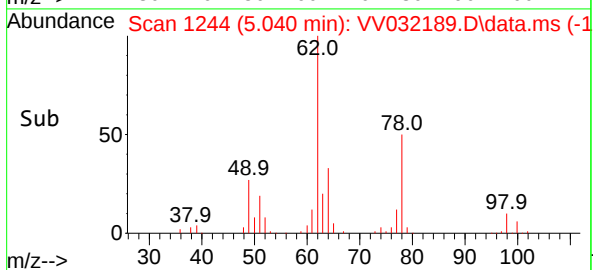
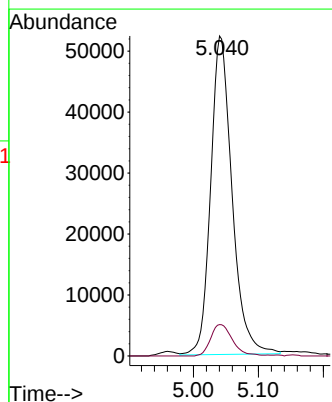
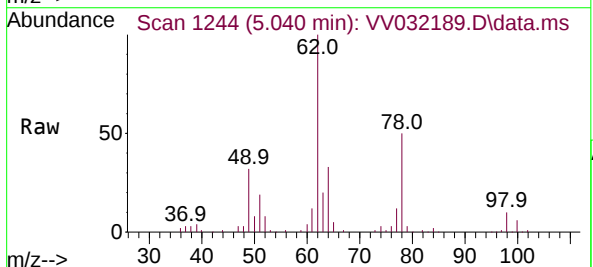
Instrument :
MSVOA_V
ClientSampleId :

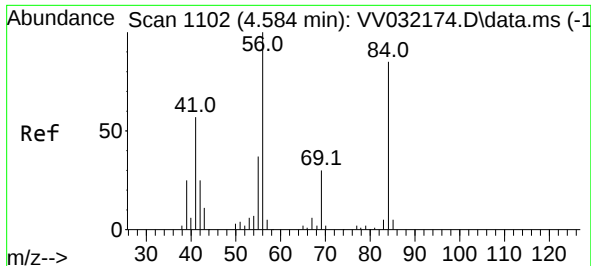
Tgt Ion: 83 Resp: 160640
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.6



#27
1,2-Dichloroethane
Concen: 49.225 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

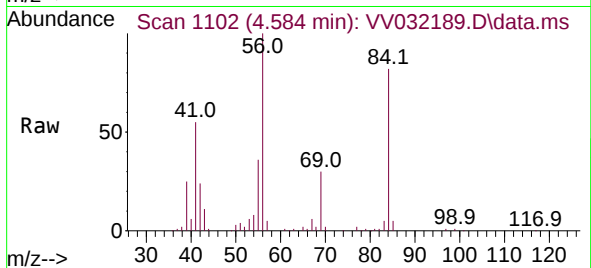
Tgt Ion: 62 Resp: 119403
Ion Ratio Lower Upper
62 100
98 9.8 8.1 12.1



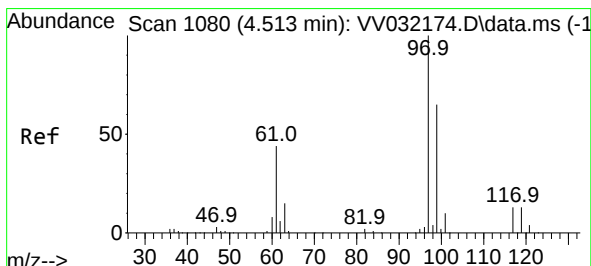
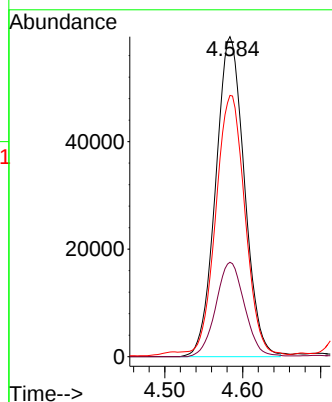
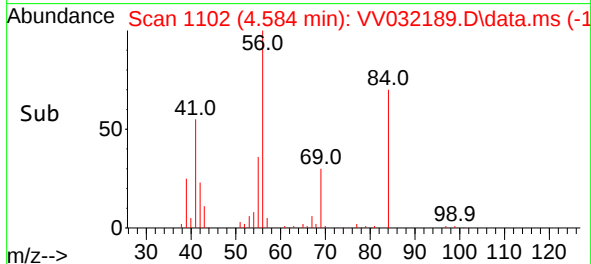


#29
Cyclohexane
Concen: 49.089 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Instrument :
MSVOA_V
ClientSampleId :

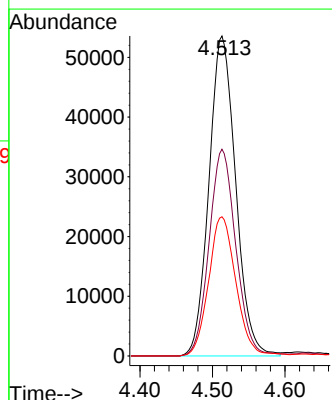
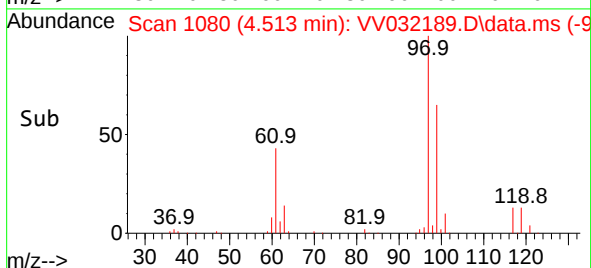
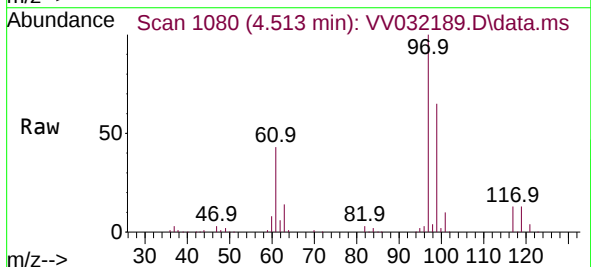


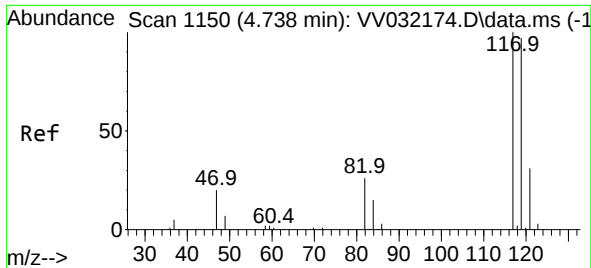
Tgt Ion: 56 Resp: 152463
Ion Ratio Lower Upper
56 100
69 29.5 23.3 34.9
84 82.7 66.2 99.2



#30
1,1,1-Trichloroethane
Concen: 49.513 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Tgt Ion: 97 Resp: 137362
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 44.5 35.0 52.6

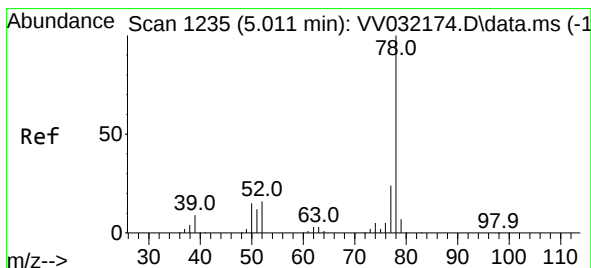
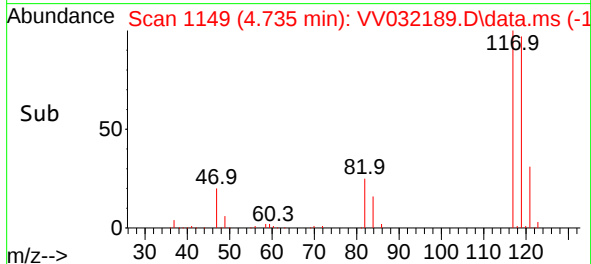
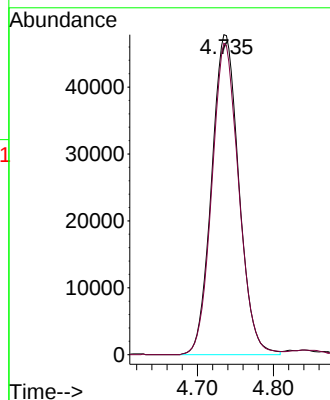
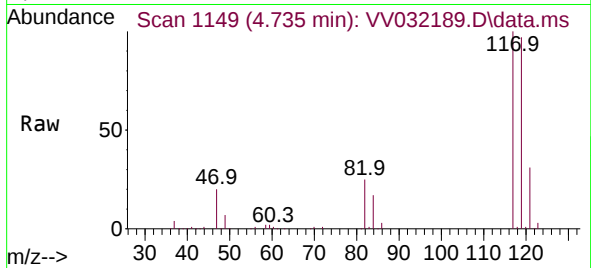




#31
Carbon tetrachloride
Concen: 49.688 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

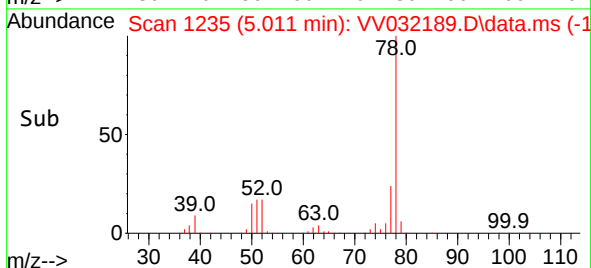
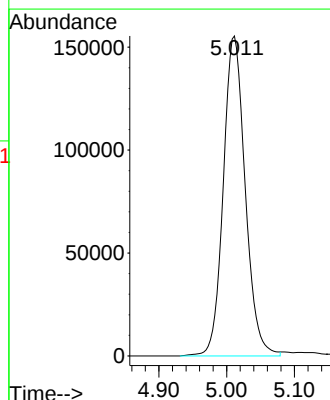
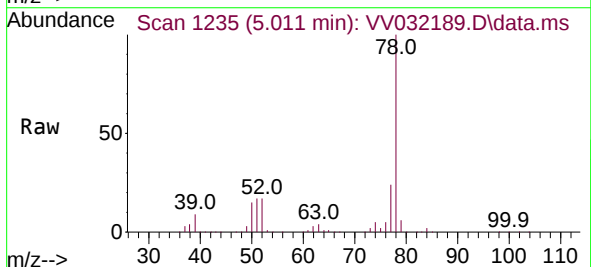
Instrument :
MSVOA_V
ClientSampleId :

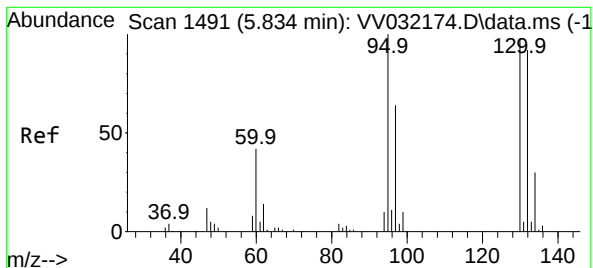
Tgt Ion:117 Resp: 119045
Ion Ratio Lower Upper
117 100
119 96.0 76.6 115.0



#33
Benzene
Concen: 49.247 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Tgt Ion: 78 Resp: 349499





#34

Trichloroethene

Concen: 49.809 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 97319

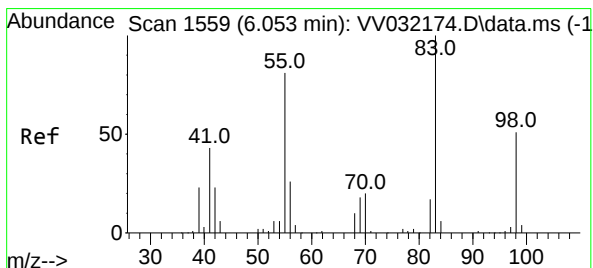
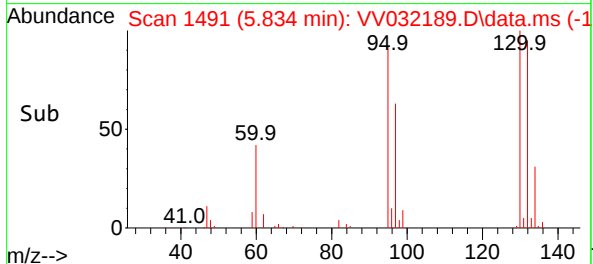
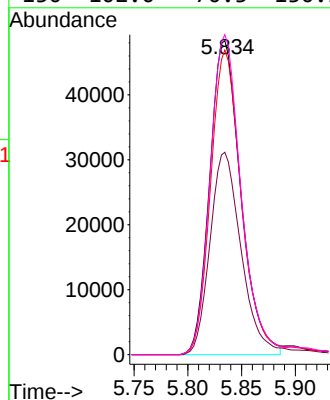
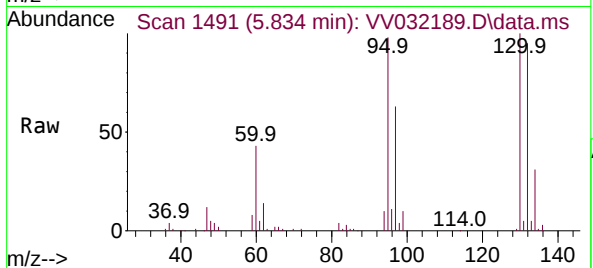
Ion Ratio Lower Upper

95 100

97 64.5 45.4 84.4

132 97.1 66.1 122.7

130 102.0 70.3 130.5



#35

Methylcyclohexane

Concen: 49.540 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

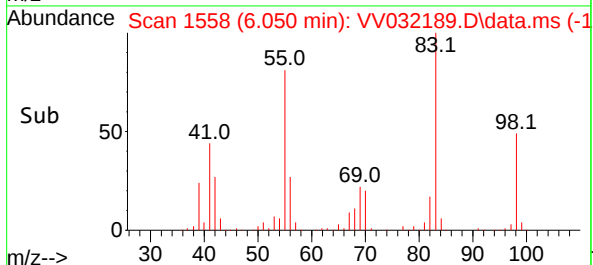
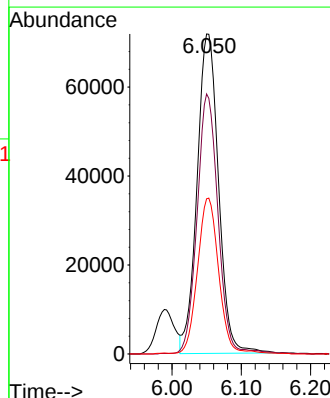
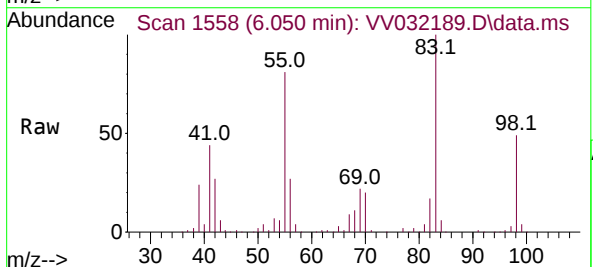
Tgt Ion: 83 Resp: 154755

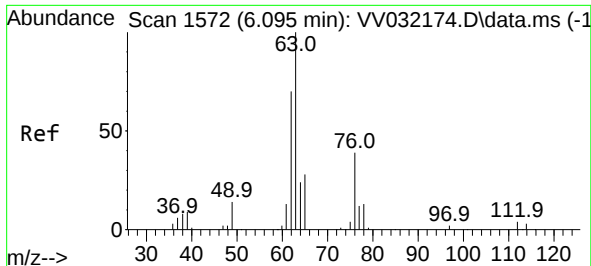
Ion Ratio Lower Upper

83 100

55 78.4 62.9 94.3

98 47.2 38.9 58.3





#37

1,2-Dichloropropane

Concen: 49.428 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

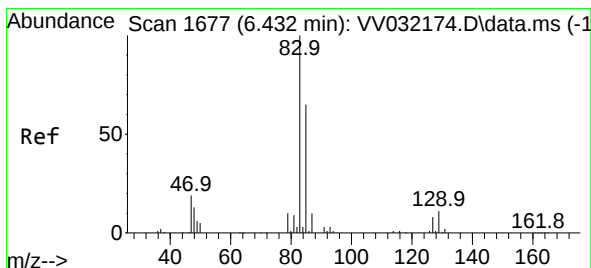
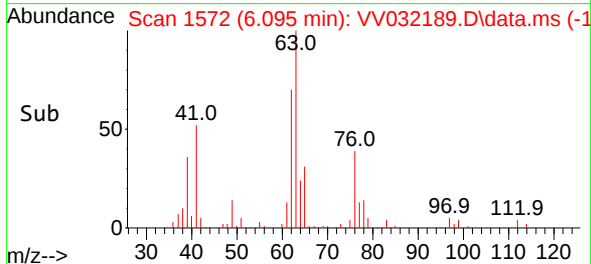
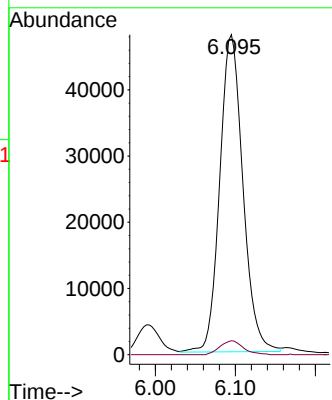
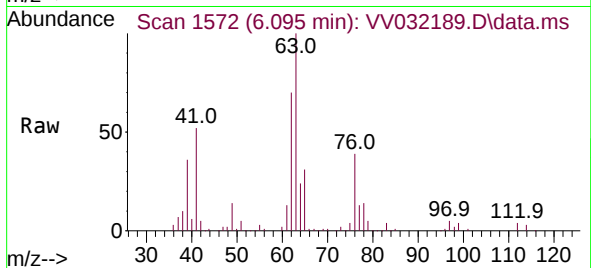
ClientSampleId :

Tgt Ion: 63 Resp: 96251

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 50.326 ug/L

RT: 6.433 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

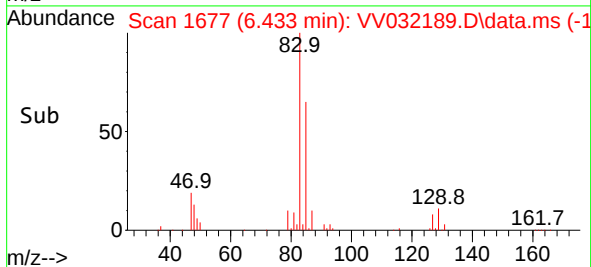
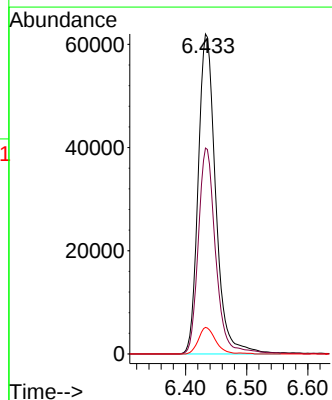
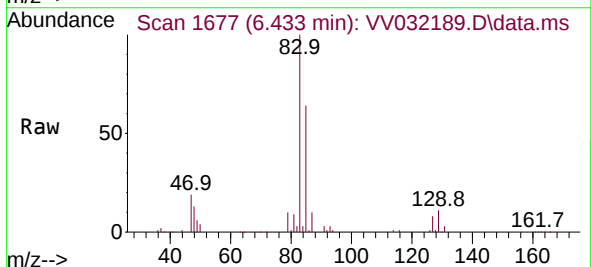
Tgt Ion: 83 Resp: 123191

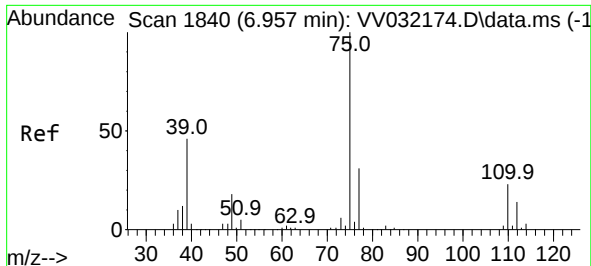
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9

127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 49.521 ug/L

RT: 6.953 min Scan# 1840

Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

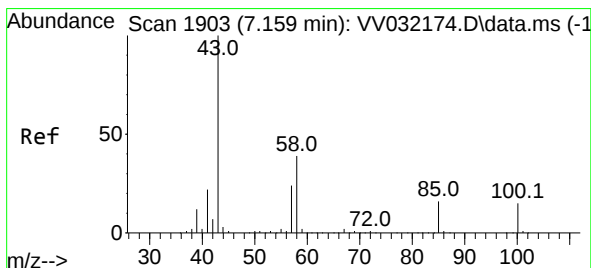
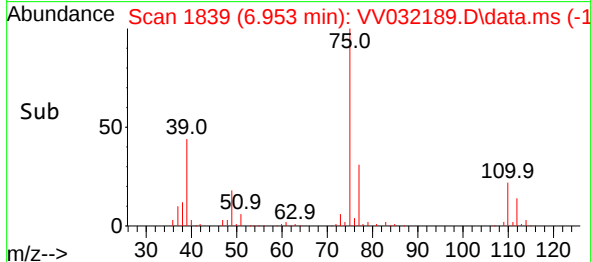
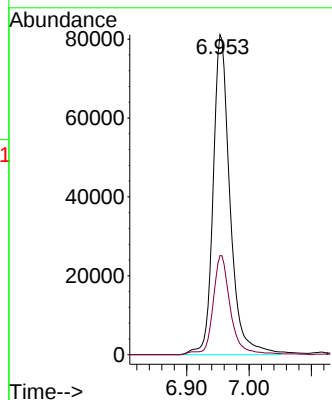
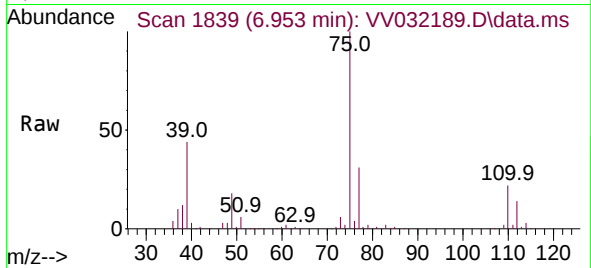
ClientSampleId :

Tgt Ion: 75 Resp: 152927

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 93.593 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

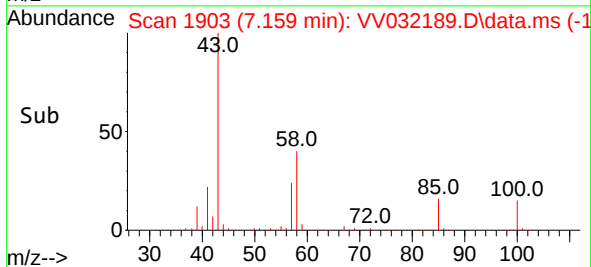
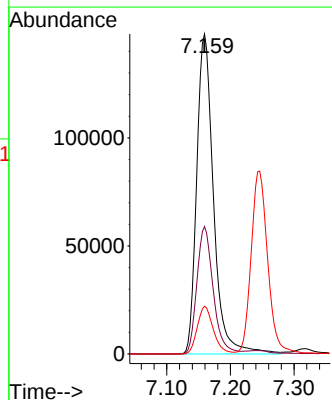
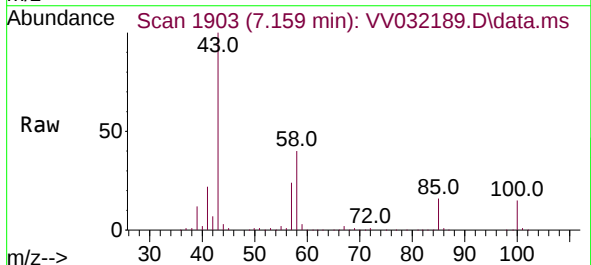
Tgt Ion: 43 Resp: 271629

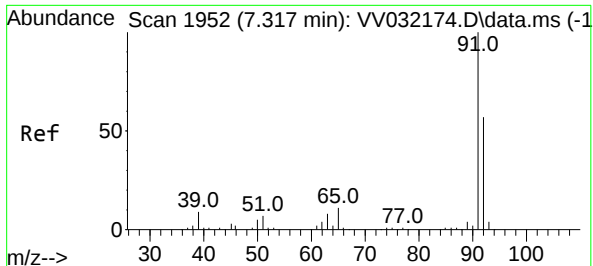
Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.6

100 14.3 11.6 17.4





#42

Toluene

Concen: 49.691 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

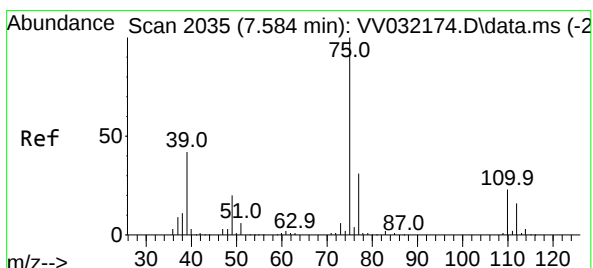
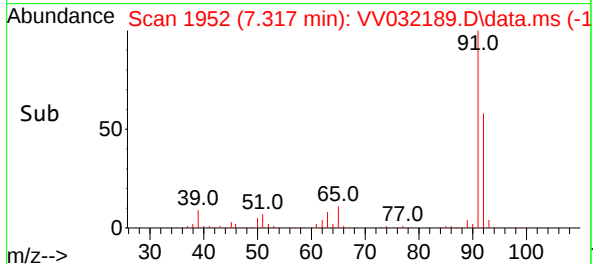
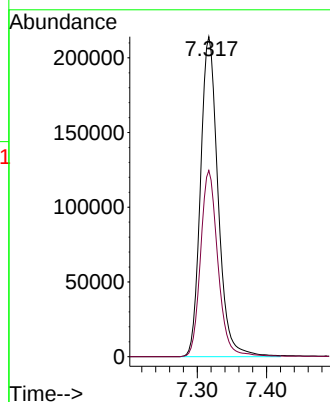
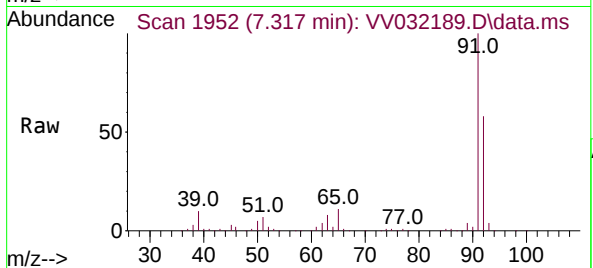
ClientSampleId :

Tgt Ion: 91 Resp: 376503

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 49.806 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV032189.D

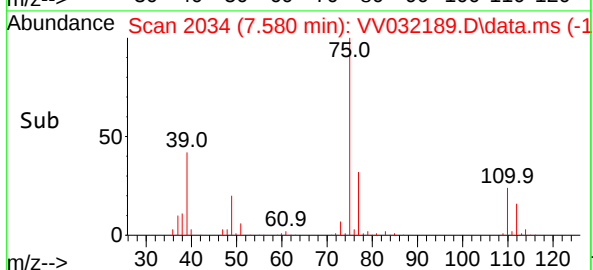
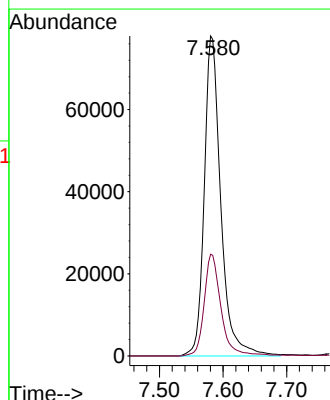
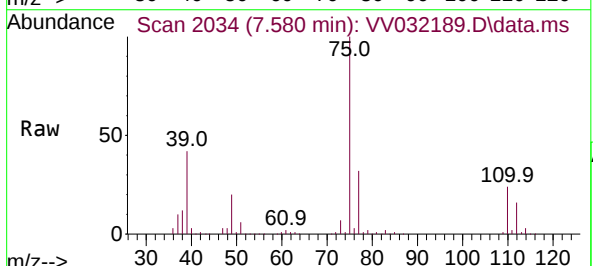
Acq: 02 Oct 2023 09:24

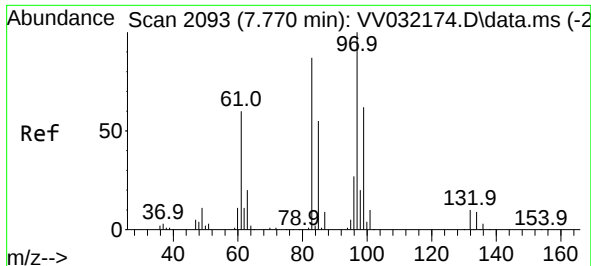
Tgt Ion: 75 Resp: 140854

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 49.348 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 91664

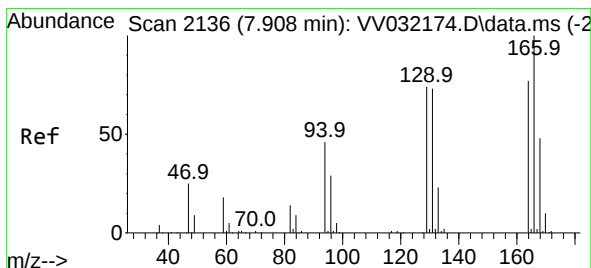
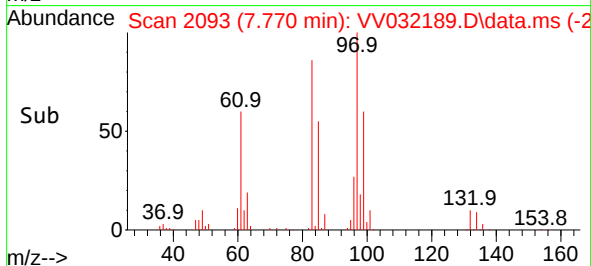
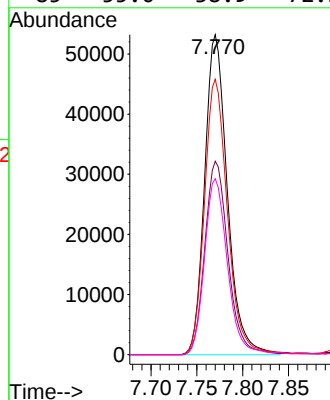
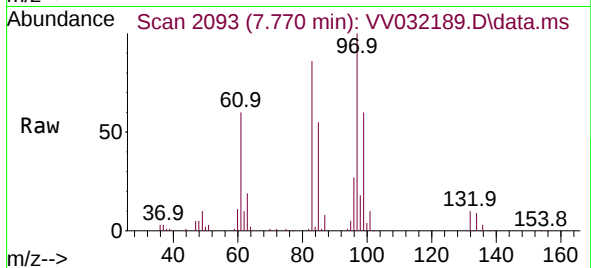
Ion Ratio Lower Upper

97 100

99 60.5 43.3 80.3

83 86.0 60.8 113.0

85 55.0 38.9 72.2



#46

Tetrachloroethene

Concen: 50.091 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Tgt Ion:164 Resp: 71119

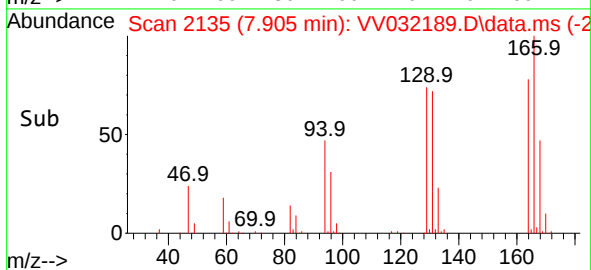
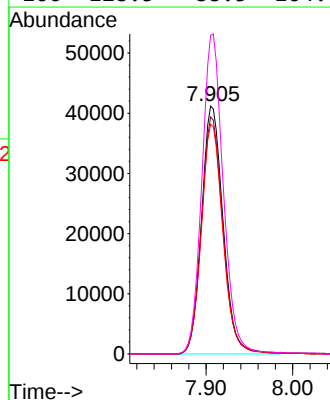
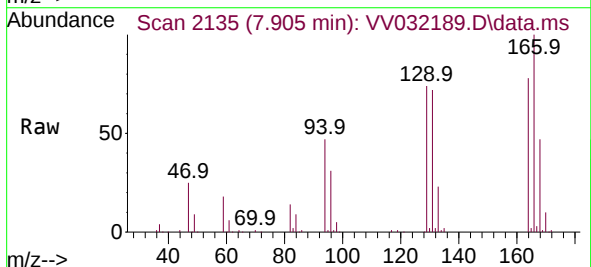
Ion Ratio Lower Upper

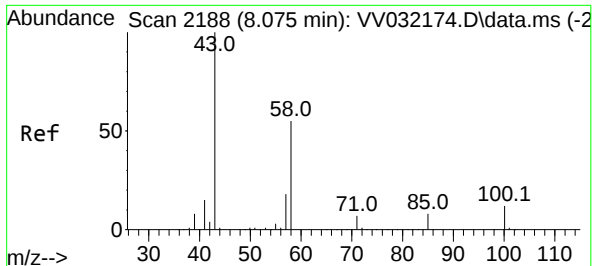
164 100

129 95.6 67.5 125.3

131 92.7 63.8 118.4

166 128.5 88.5 164.4





#48

2-Hexanone

Concen: 96.174 ug/L

RT: 8.076 min Scan# 2188

Delta R.T. -0.003 min

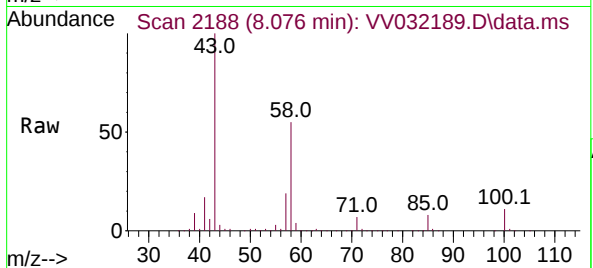
Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 218045

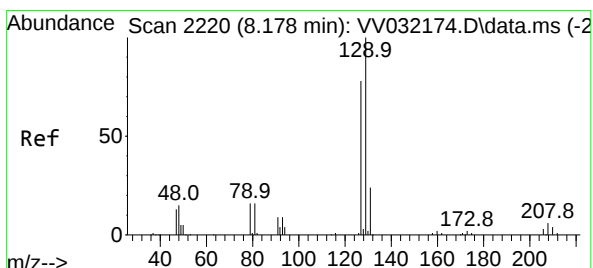
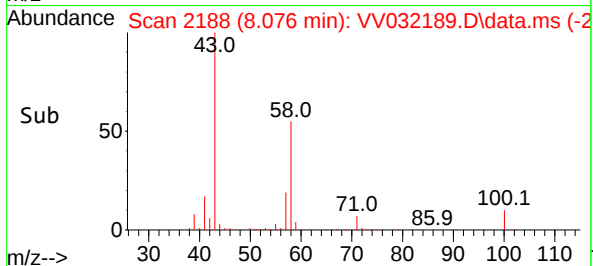
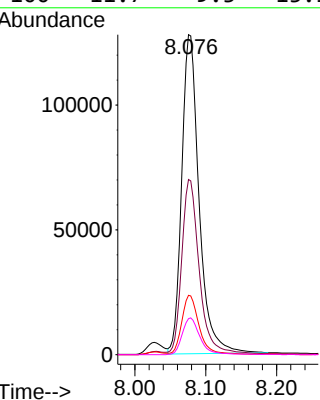
Ion Ratio Lower Upper

43 100

58 54.7 44.5 66.7

57 18.3 13.9 20.9

100 11.7 9.3 13.9



#49

Dibromochloromethane

Concen: 50.089 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.000 min

Lab File: VV032189.D

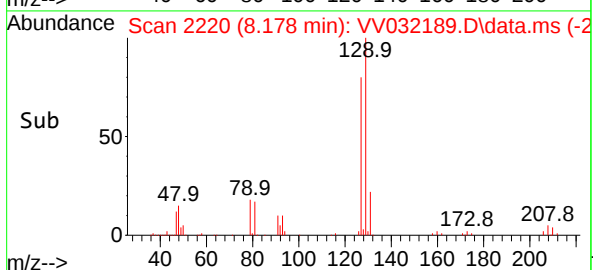
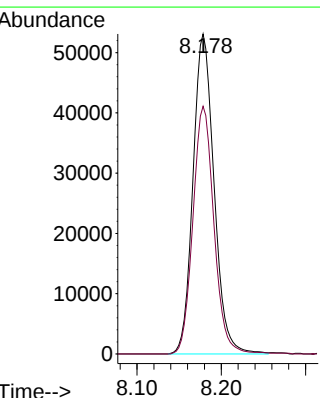
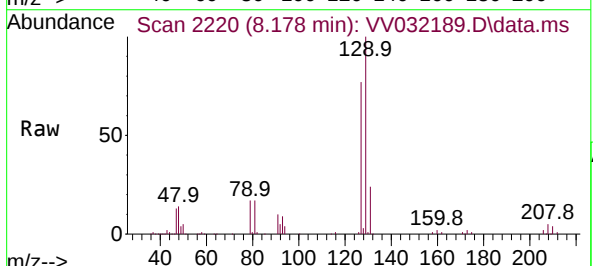
Acq: 02 Oct 2023 09:24

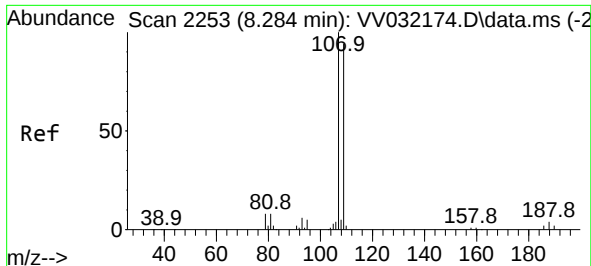
Tgt Ion: 129 Resp: 92509

Ion Ratio Lower Upper

129 100

127 77.4 54.9 101.9





#50

1,2-Dibromoethane

Concen: 48.679 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032189.D

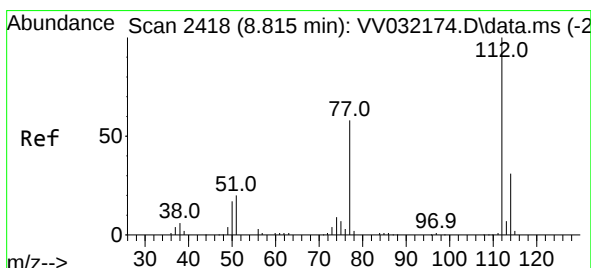
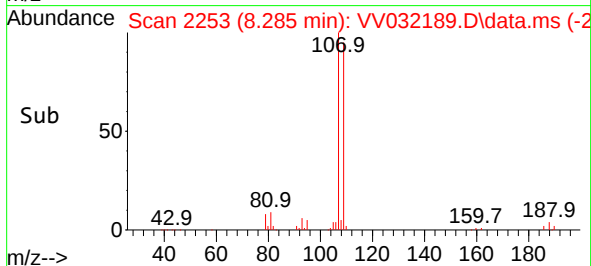
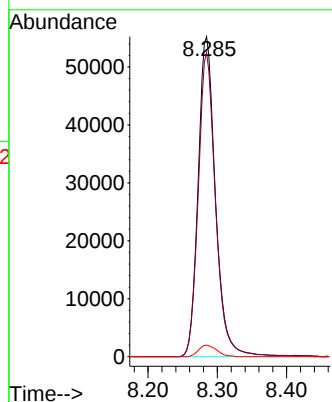
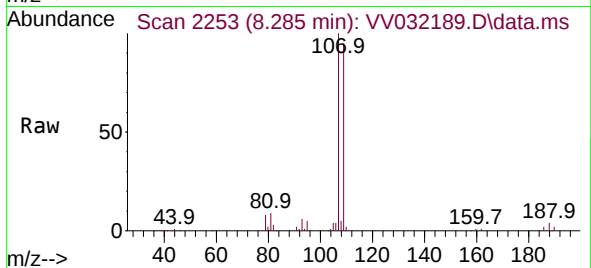
Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	96282
Ion	Ratio	Lower	Upper
107	100		
109	95.0	65.2	121.2
188	3.6	3.0	4.6



#51

Chlorobenzene

Concen: 49.178 ug/L

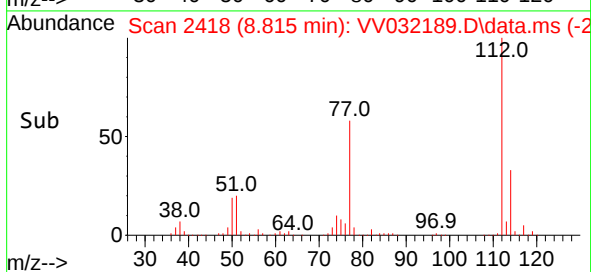
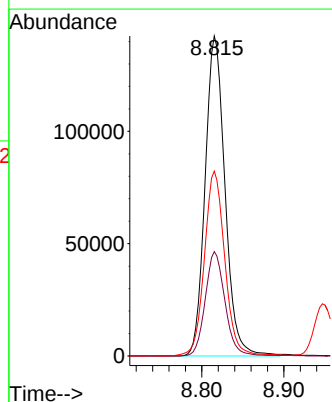
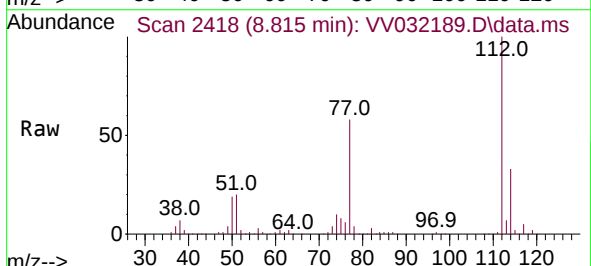
RT: 8.815 min Scan# 2418

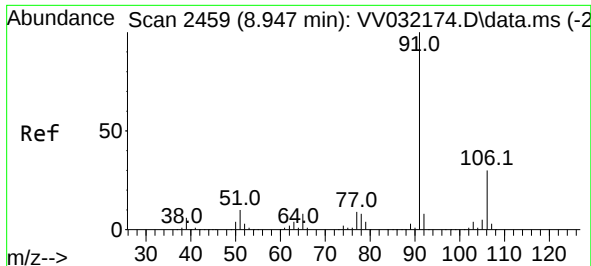
Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Tgt Ion:	112	Resp:	240418
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.9
77	57.7	46.7	70.1





#52

Ethylbenzene

Concen: 49.510 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

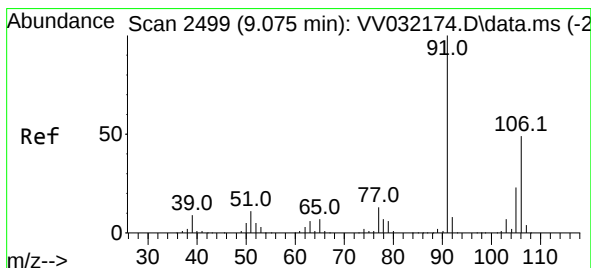
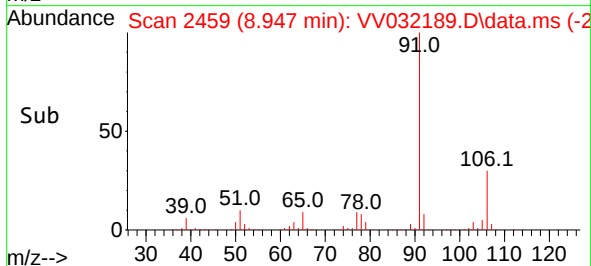
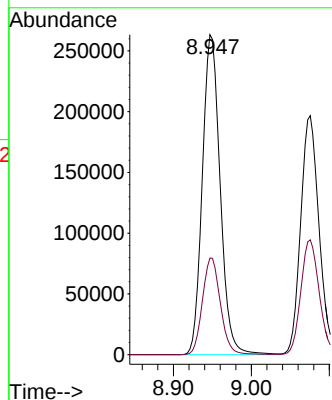
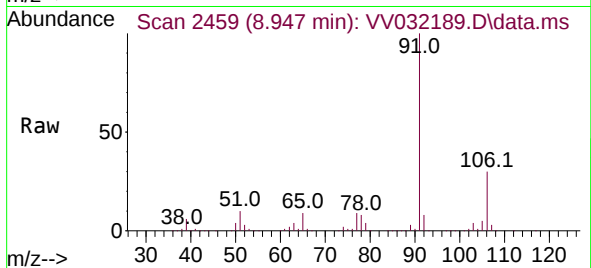
ClientSampleId :

Tgt Ion: 91 Resp: 419028

Ion Ratio Lower Upper

91 100

106 30.2 20.9 38.7



#53

m,p-Xylene

Concen: 49.388 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032189.D

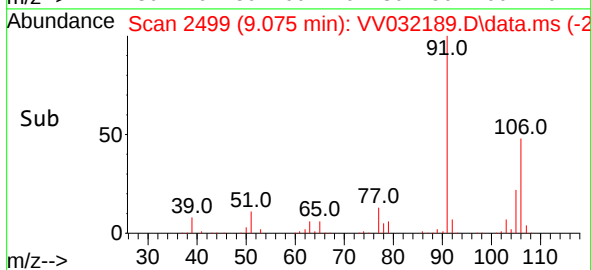
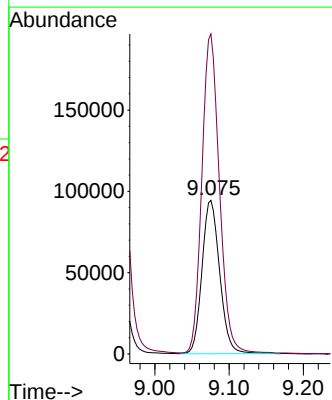
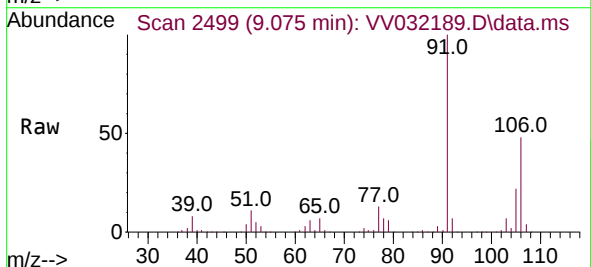
Acq: 02 Oct 2023 09:24

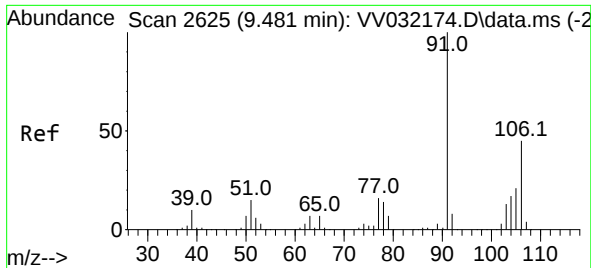
Tgt Ion:106 Resp: 155735

Ion Ratio Lower Upper

106 100

91 208.2 143.8 267.0

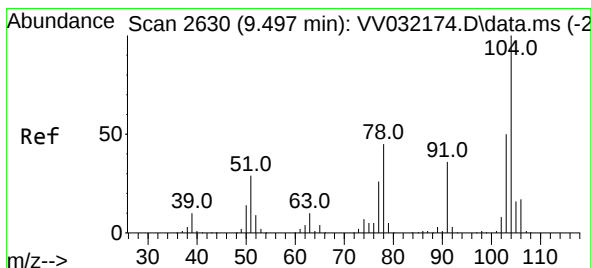
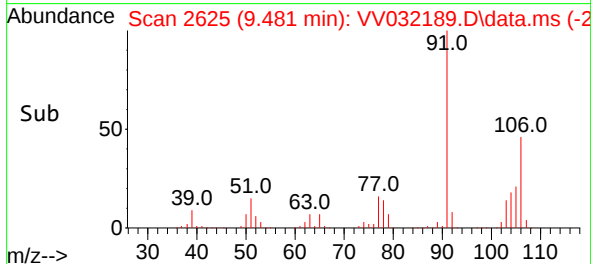
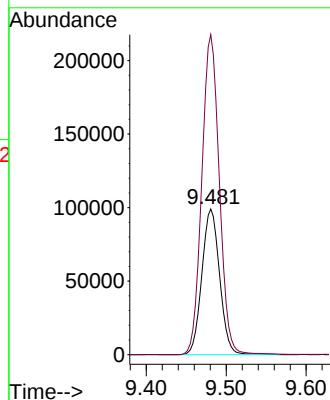
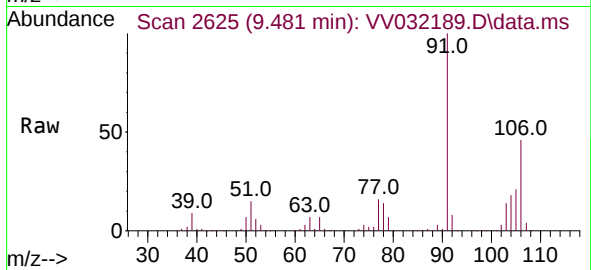




#54
o-Xylene
Concen: 49.320 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

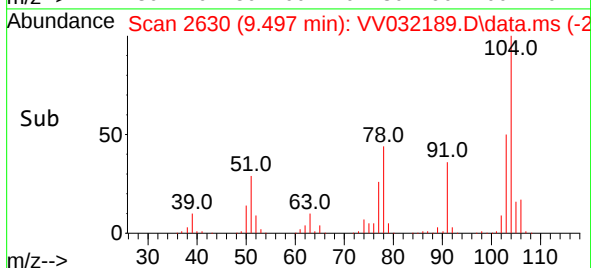
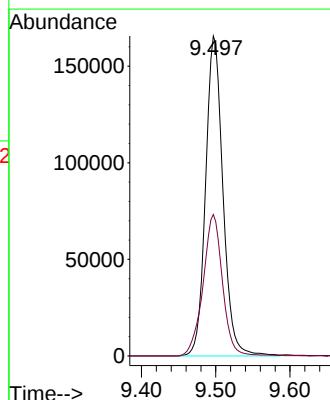
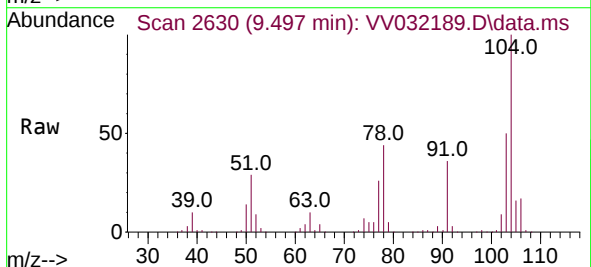
Instrument :
MSVOA_V
ClientSampleId :

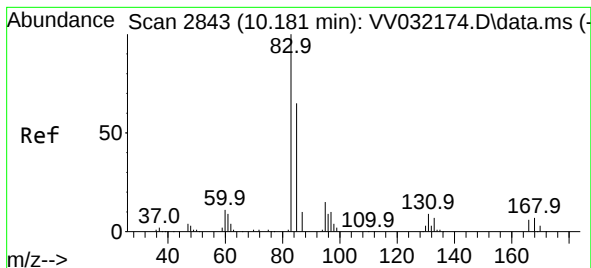
Tgt Ion:106 Resp: 153207
Ion Ratio Lower Upper
106 100
91 219.5 153.4 284.8



#55
Styrene
Concen: 50.726 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Tgt Ion:104 Resp: 268829
Ion Ratio Lower Upper
104 100
78 44.2 30.4 56.5

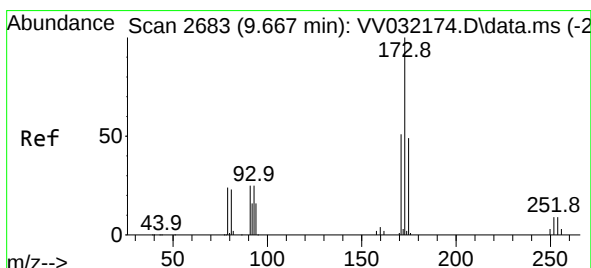
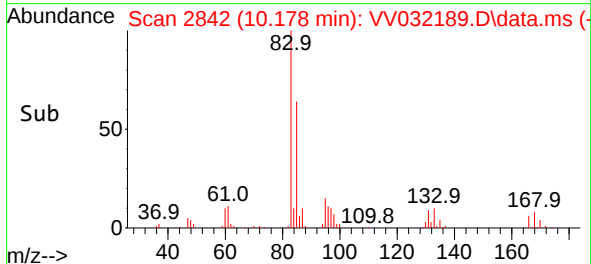
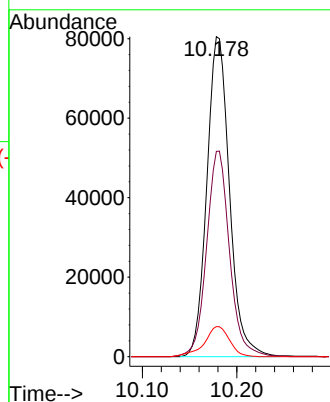
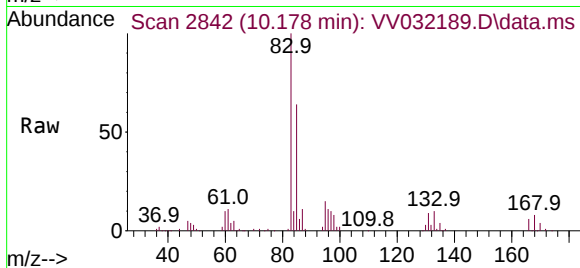




#57
1,1,2,2-Tetrachloroethane
Concen: 46.285 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

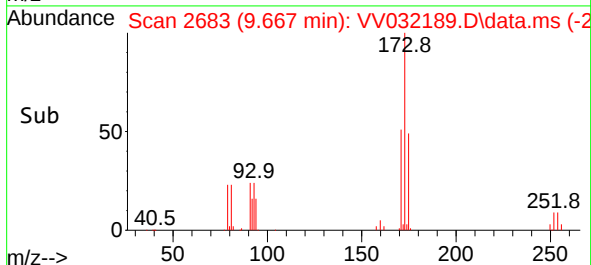
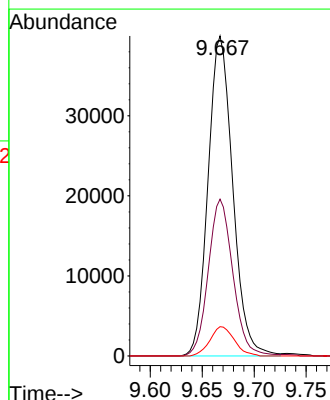
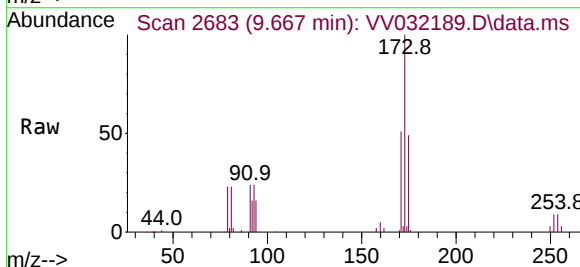
Instrument :
MSVOA_V
ClientSampleId :

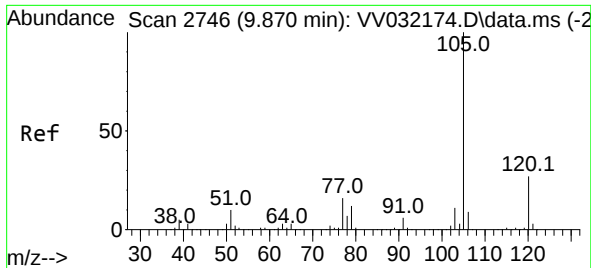
Tgt Ion: 83 Resp: 133966
Ion Ratio Lower Upper
83 100
85 64.2 44.7 82.9
131 9.4 7.4 11.0



#59
Bromoform
Concen: 48.402 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Tgt Ion: 173 Resp: 66016
Ion Ratio Lower Upper
173 100
175 48.7 39.5 59.3
254 9.0 7.0 10.4

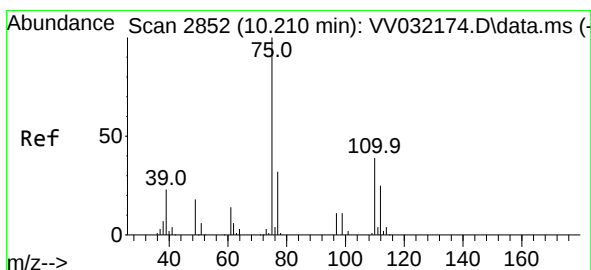
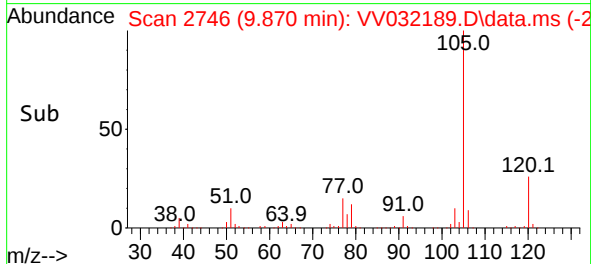
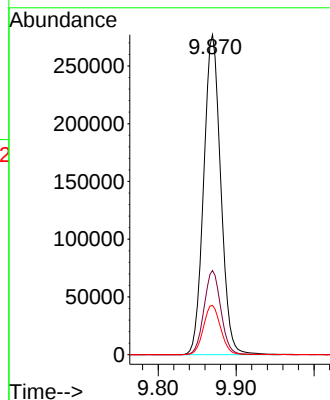
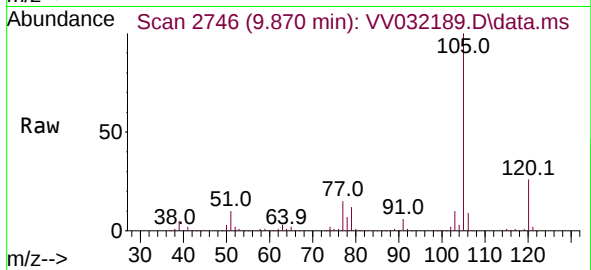




#60
Isopropylbenzene
Concen: 49.306 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

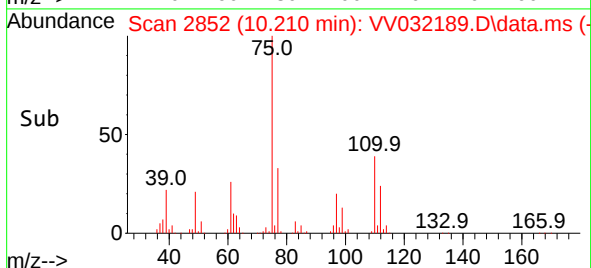
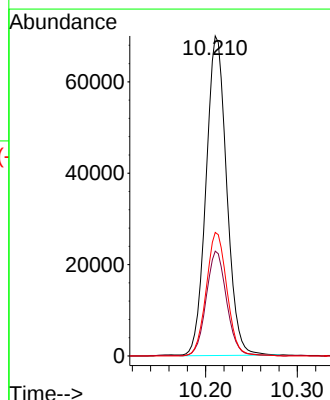
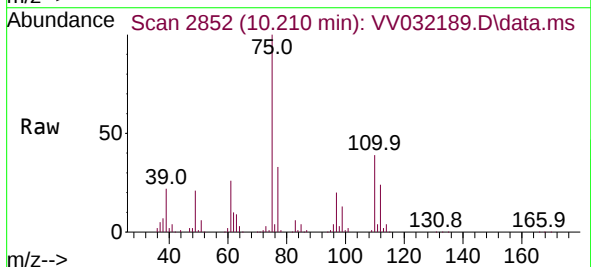
Instrument :
MSVOA_V
ClientSampleId :

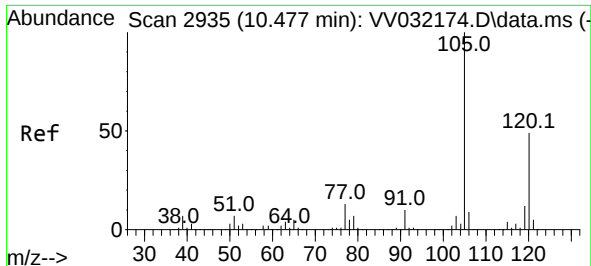
Tgt Ion:105 Resp: 421218
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.6 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 45.817 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Tgt Ion: 75 Resp: 109317
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 38.7 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 48.860 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

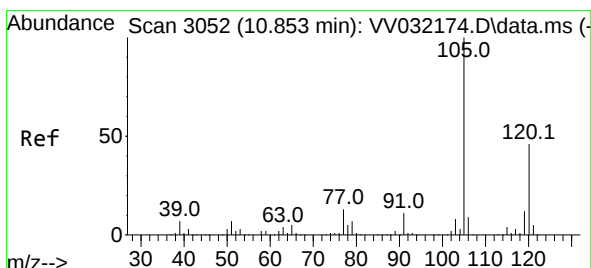
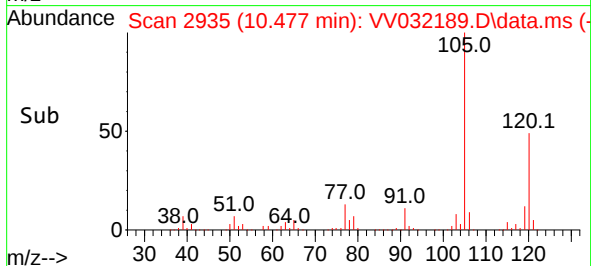
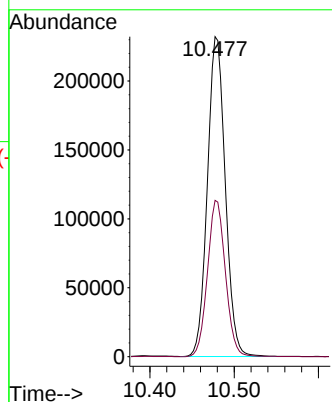
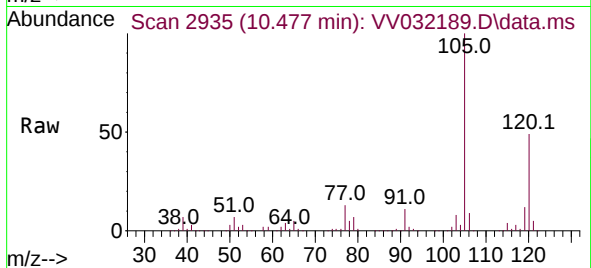
ClientSampleId :

Tgt Ion:105 Resp: 342937

Ion Ratio Lower Upper

105 100

120 49.0 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 49.010 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032189.D

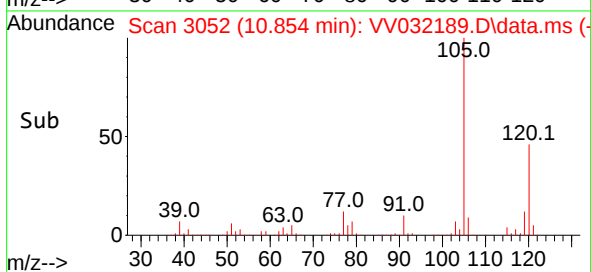
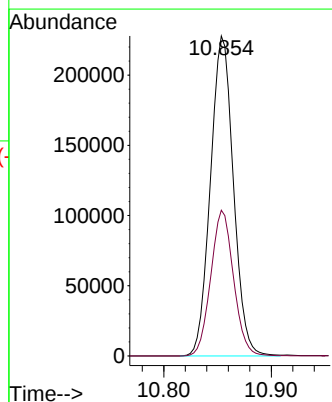
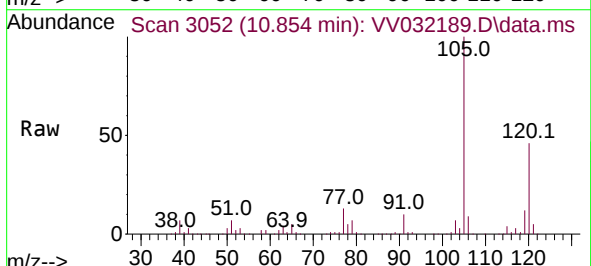
Acq: 02 Oct 2023 09:24

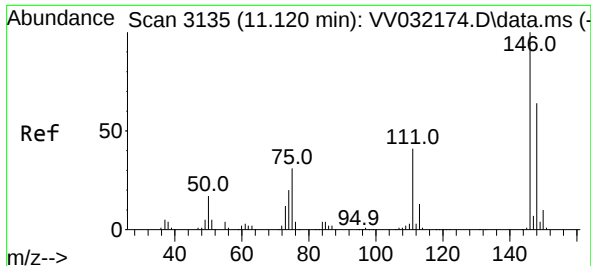
Tgt Ion:105 Resp: 338353

Ion Ratio Lower Upper

105 100

120 45.1 36.5 54.7

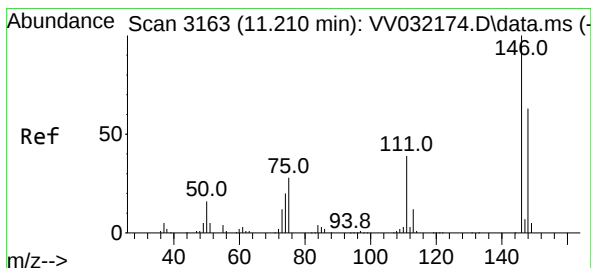
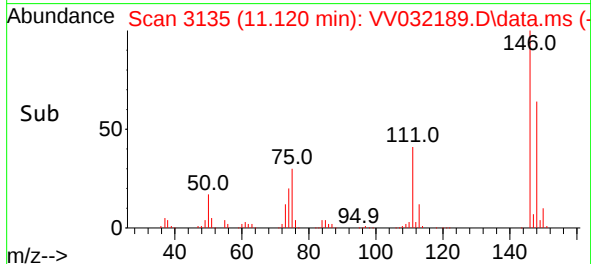
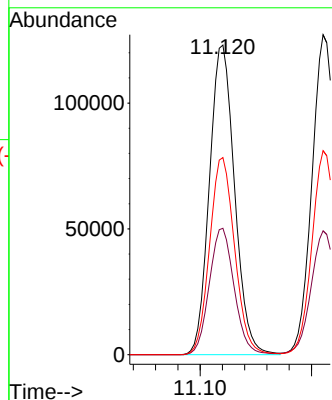
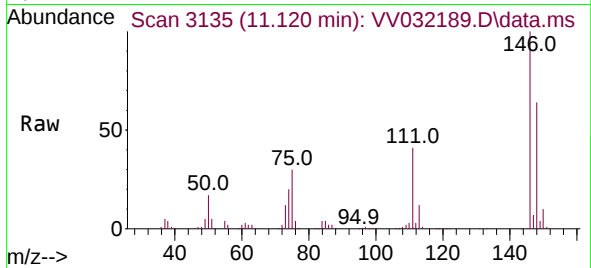




#64
1,3-Dichlorobenzene
Concen: 48.404 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

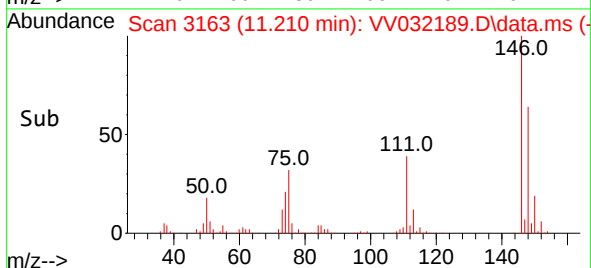
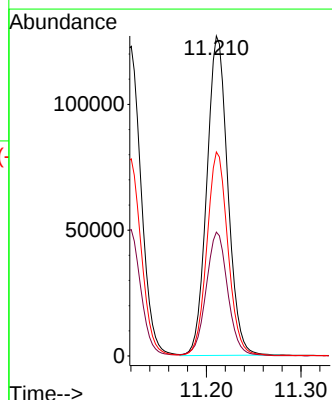
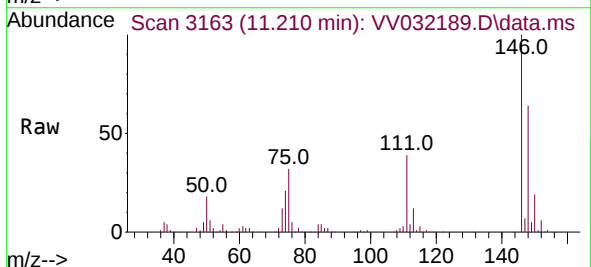
Instrument :
MSVOA_V
ClientSampleId :

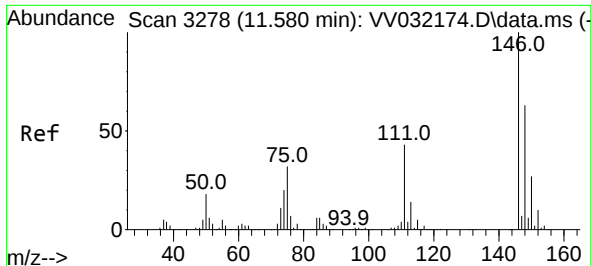
Tgt Ion:146 Resp: 193316
Ion Ratio Lower Upper
146 100
111 40.8 28.3 52.5
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 48.508 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032189.D
Acq: 02 Oct 2023 09:24

Tgt Ion:146 Resp: 195699
Ion Ratio Lower Upper
146 100
111 38.7 27.5 51.1
148 63.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 48.612 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

ClientSampleId :

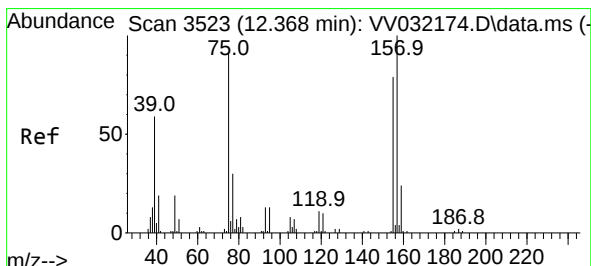
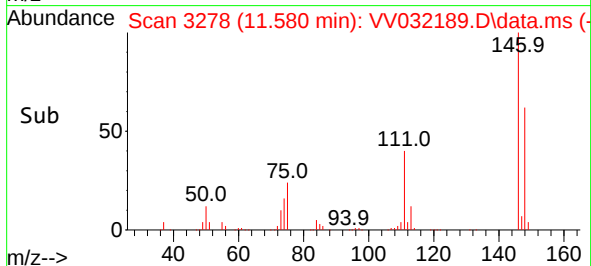
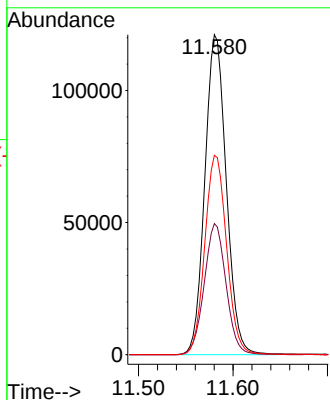
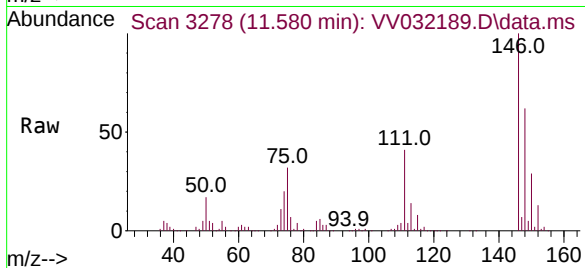
Tgt Ion:146 Resp: 190966

Ion Ratio Lower Upper

146 100

111 41.0 33.6 50.4

148 62.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 43.498 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

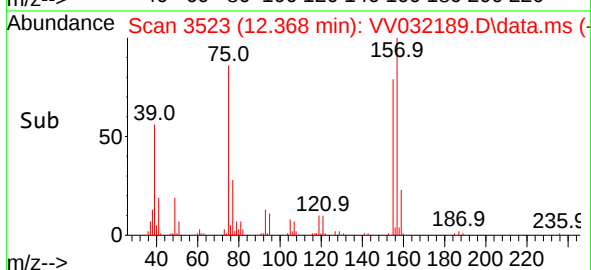
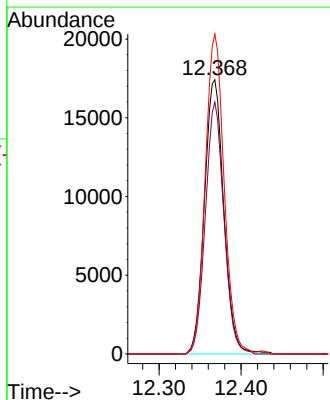
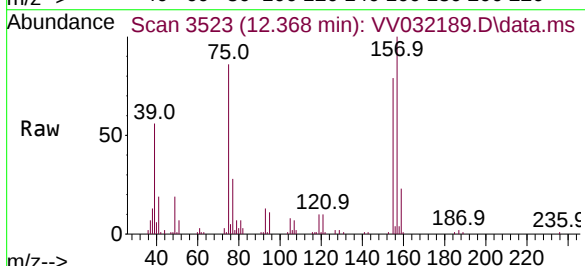
Tgt Ion: 75 Resp: 28656

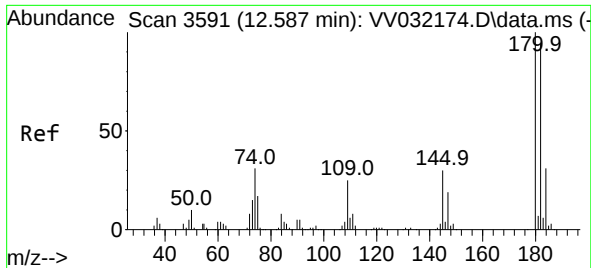
Ion Ratio Lower Upper

75 100

155 91.8 70.0 105.0

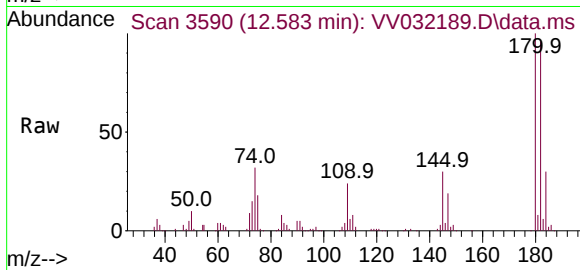
157 116.7 90.4 135.6



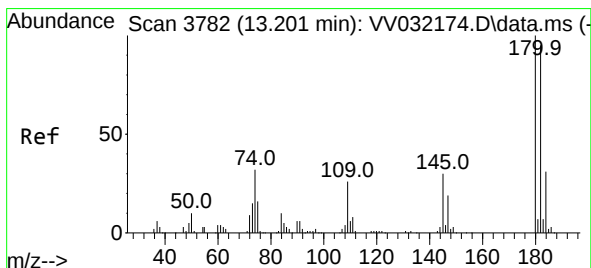
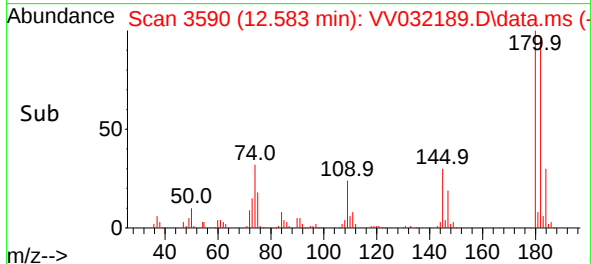
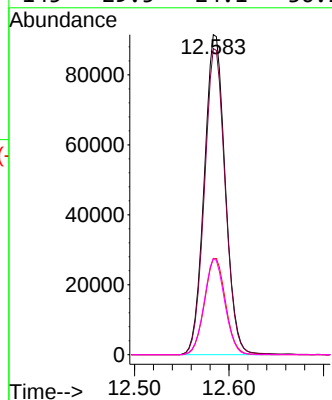


#69
 1,3,5-Trichlorobenzene
 Concen: 48.763 ug/L
 RT: 12.583 min Scan# 3591
 Delta R.T. -0.003 min
 Lab File: VV032189.D
 Acq: 02 Oct 2023 09:24

Instrument :
 MSVOA_V
 ClientSampleId :

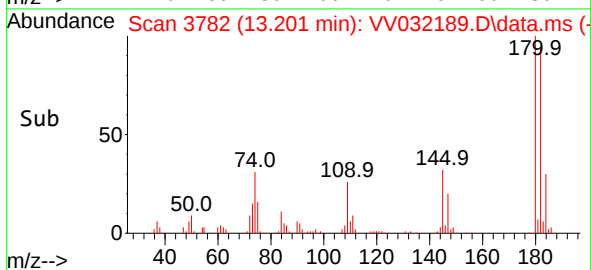
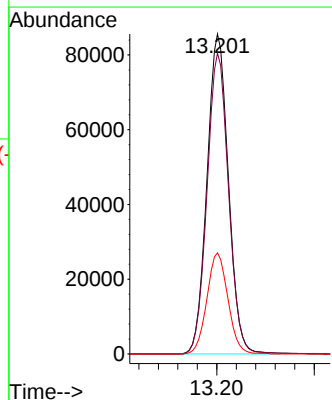
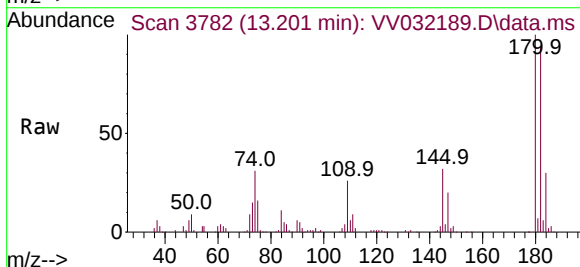


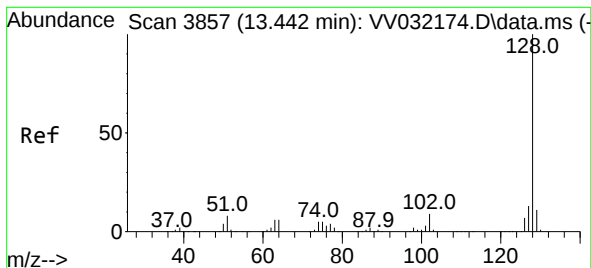
Tgt Ion:180 Resp: 141017
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.6 113.4
 184 30.0 23.9 35.9
 145 29.5 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 48.023 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032189.D
 Acq: 02 Oct 2023 09:24

Tgt Ion:180 Resp: 130609
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.3 112.9
 145 31.1 24.4 36.6





#71

Naphthalene

Concen: 40.827 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Instrument :

MSVOA_V

ClientSampleId :

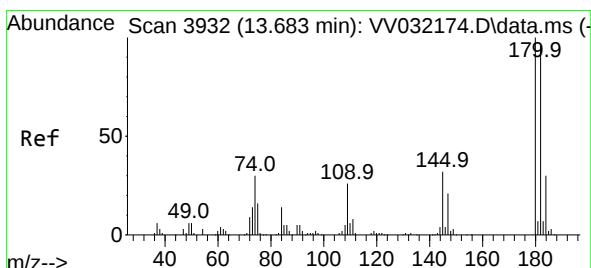
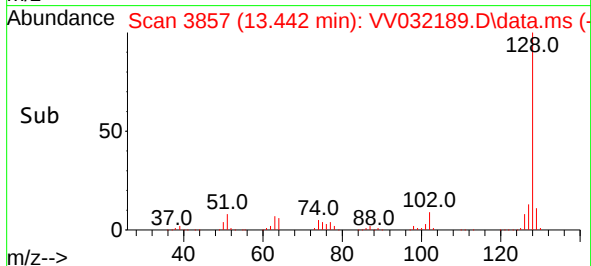
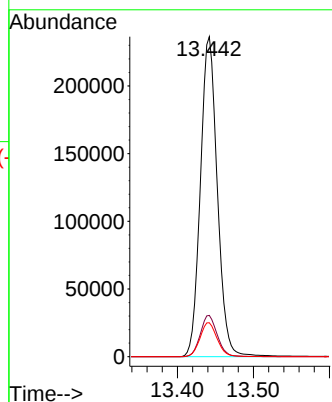
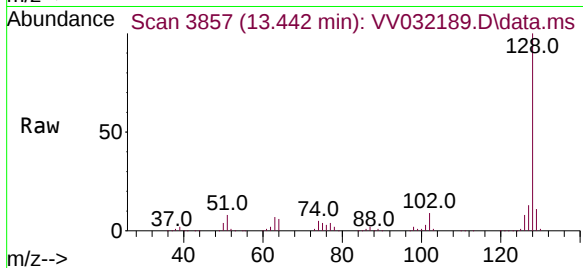
Tgt Ion:128 Resp: 365774

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 47.349 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032189.D

Acq: 02 Oct 2023 09:24

Tgt Ion:180 Resp: 127949

Ion Ratio Lower Upper

180 100

182 95.4 75.2 112.8

145 32.4 25.8 38.8

