

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032270.D
 Acq On : 05 Oct 2023 21:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 01:33:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	87314	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	91081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32427	4.566	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.532	69	29233	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.060	65	13541	4.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.809	46	94533	52.625	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.240%
24) Chloroform-d	4.252	84	63830	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.950	65	30921	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.963	84	120710	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.995	67	39569	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.246	98	116896	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.558	79	14615	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.030	63	75699	51.132	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31750	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	42818	4.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	51344	5.277	ug/L	97
3) Chloromethane	1.217	50	52195	5.321	ug/L	99
5) Vinyl chloride	1.282	62	50457	5.393	ug/L	98
6) Bromomethane	1.487	94	30163	5.337	ug/L	99
8) Chloroethane	1.548	64	29841	5.298	ug/L	97
9) Trichlorofluoromethane	1.712	101	61135	5.449	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36294	5.339	ug/L	98
12) 1,1-Dichloroethene	2.069	96	33622	5.250	ug/L	89
13) Acetone	2.134	43	64951	46.912	ug/L	97
14) Carbon disulfide	2.243	76	110286	4.927	ug/L	100
15) Methyl Acetate	2.384	43	15456	4.959	ug/L	98
16) Methylene chloride	2.449	84	46987	5.628	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	87598	5.025	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	36933	5.035	ug/L	95
19) 1,1-Dichloroethane	3.114	63	69778	5.057	ug/L	98
21) 2-Butanone	3.889	43	106768	49.312	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	39614	5.016	ug/L	97
23) Bromochloromethane	4.153	128	17702	5.328	ug/L	98
25) Chloroform	4.281	83	70054	5.175	ug/L	98

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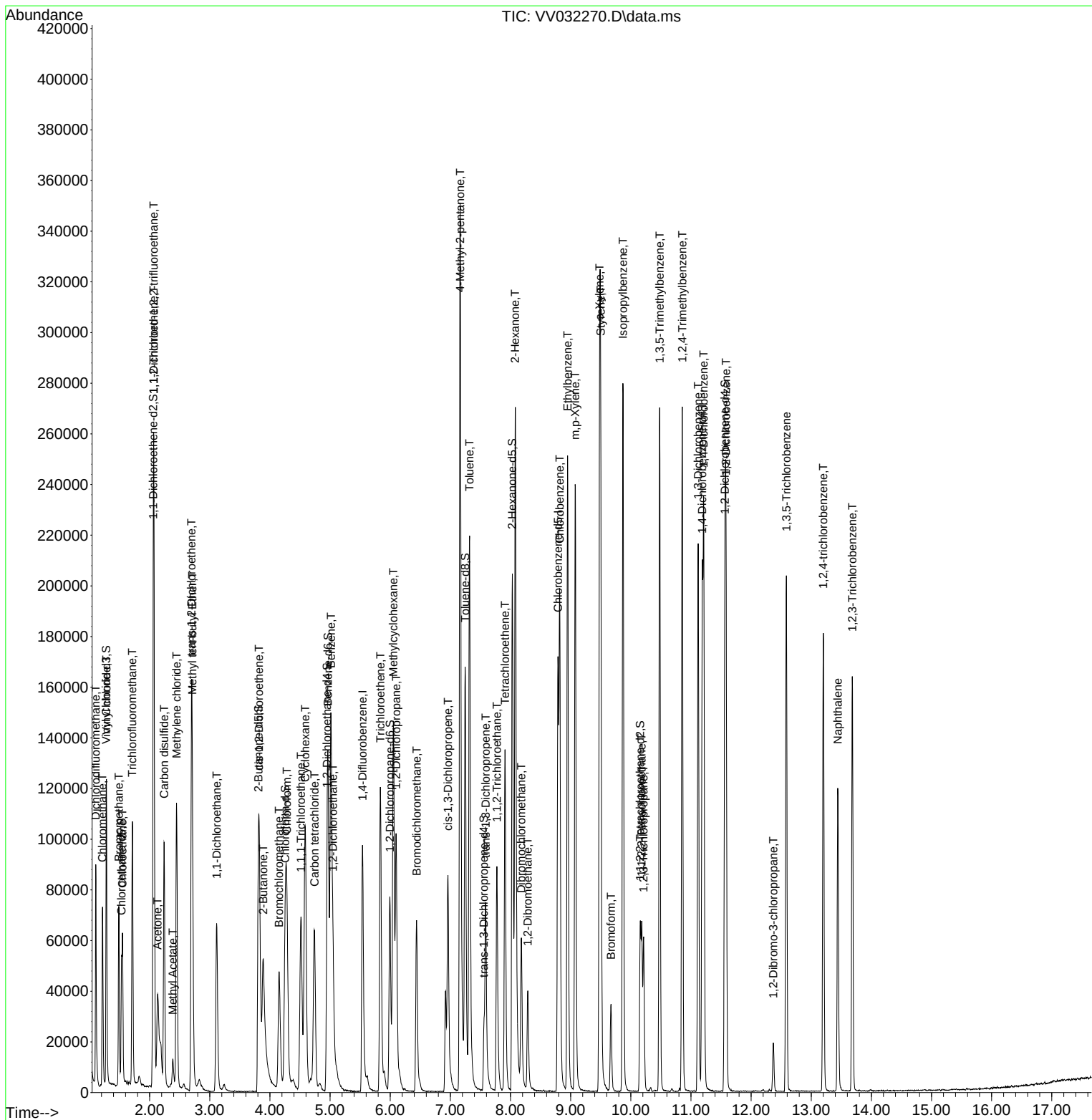
Instrument :
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 ClientSampleId :

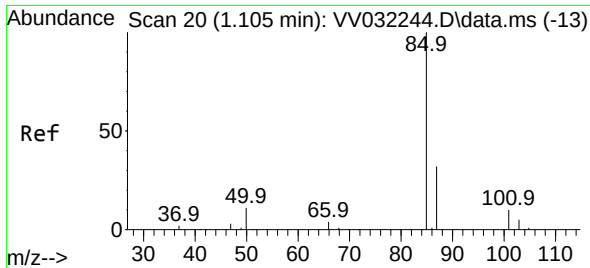
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	40301	5.039	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	58319	4.709	ug/L	98
30) Cyclohexane	4.587	56	59444	4.368	ug/L	97
31) Carbon tetrachloride	4.741	117	48481	4.627	ug/L	98
33) Benzene	5.014	78	150597	4.696	ug/L	100
34) Trichloroethene	5.838	95	44503	5.084	ug/L	96
35) Methylcyclohexane	6.053	83	54802	4.045	ug/L	92
37) 1,2-Dichloropropane	6.098	63	38681	4.510	ug/L	100
38) Bromodichloromethane	6.439	83	50396	4.946	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	57694	4.727	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	261683	48.218	ug/L	98
42) Toluene	7.320	91	168094	4.917	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	45782	4.564	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	29482	4.873	ug/L	99
47) Tetrachloroethene	7.908	164	31745	4.782	ug/L	99
48) 2-Hexanone	8.079	43	185486	48.441	ug/L	99
49) Dibromochloromethane	8.182	129	30919	4.909	ug/L	97
50) 1,2-Dibromoethane	8.288	107	28153	4.920	ug/L	97
51) Chlorobenzene	8.818	112	104981	4.770	ug/L	100
52) Ethylbenzene	8.950	91	180529	4.743	ug/L	99
53) m,p-Xylene	9.075	106	67709	4.796	ug/L	97
54) o-Xylene	9.481	106	65191	4.792	ug/L	99
55) Styrene	9.500	104	115026	5.007	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	32618	4.900	ug/L	97
59) Bromoform	9.670	173	15887	4.542	ug/L	98
60) Isopropylbenzene	9.870	105	179370	4.799	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	24404	4.767	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	141354	4.640	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	142906	4.712	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	84851	4.752	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	84117	4.695	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	79146	4.860	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4732	4.524	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	60117	4.597	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	53711	4.631	ug/L	98
71) Naphthalene	13.442	128	92957	4.718	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	48222	4.825	ug/L	98

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

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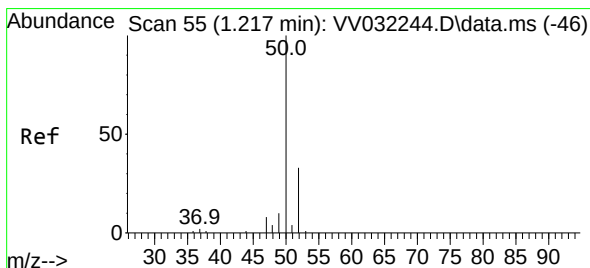
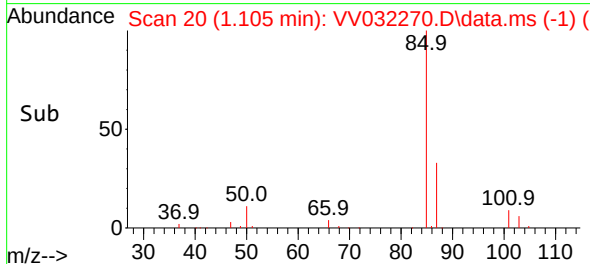
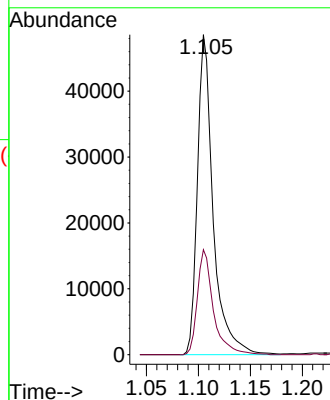
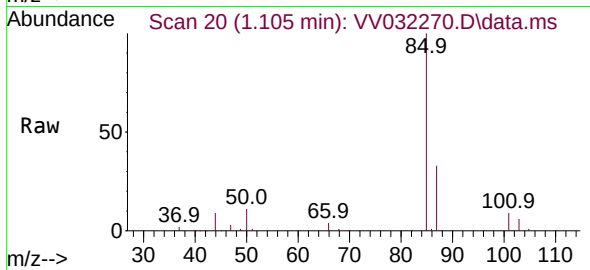




#2
 Dichlorodifluoromethane
 Concen: 5.277 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

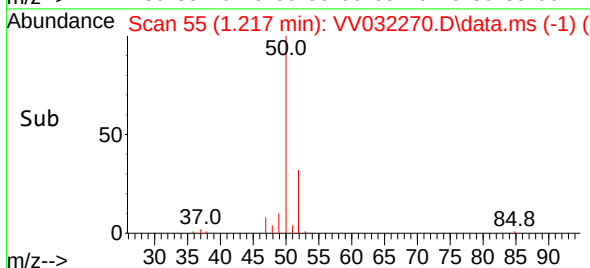
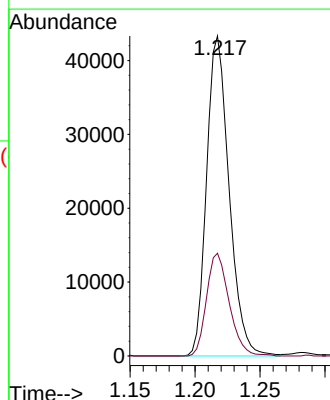
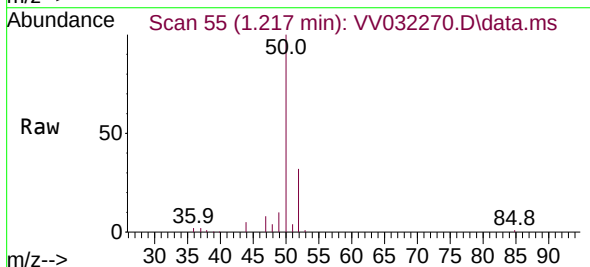
Instrument :
 MSVOA_V
 ClientSampleId :

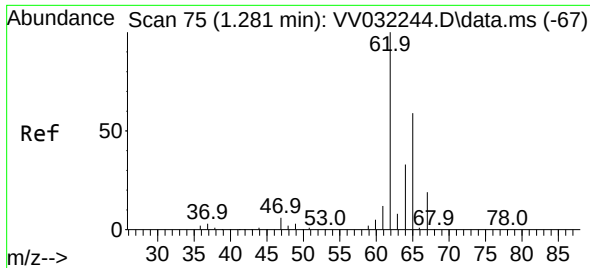
Tgt Ion: 85 Resp: 51344
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.5 38.3



#3
 Chloromethane
 Concen: 5.321 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

Tgt Ion: 50 Resp: 52195
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.6

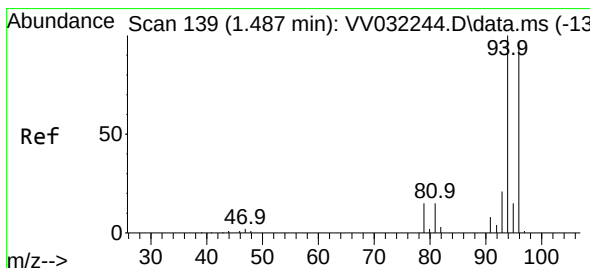
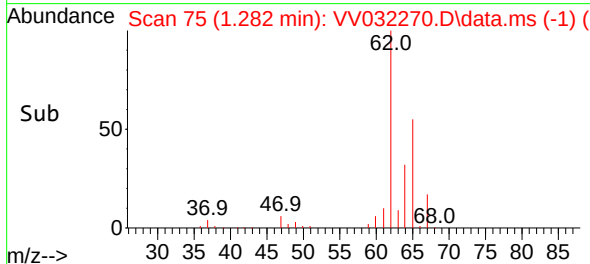
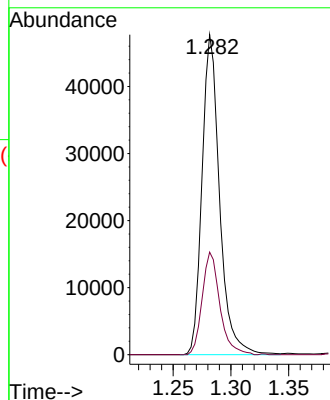
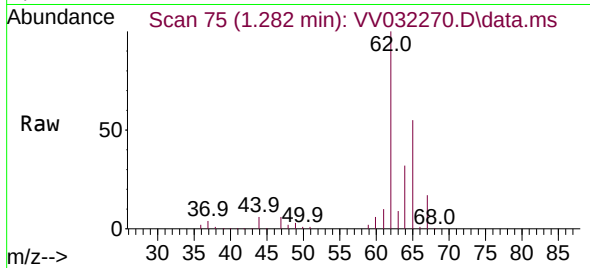




#5
 Vinyl chloride
 Concen: 5.393 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

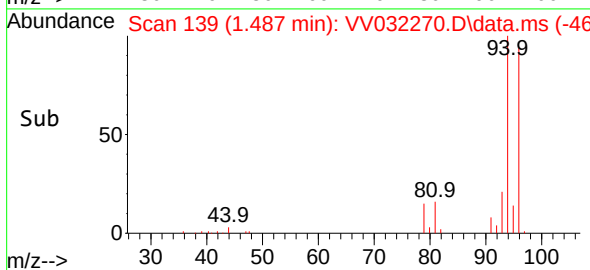
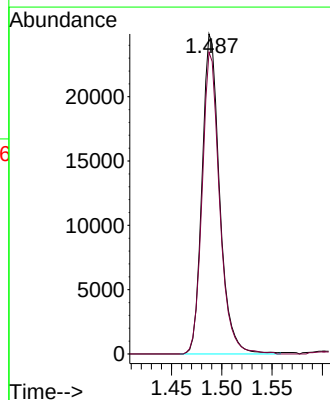
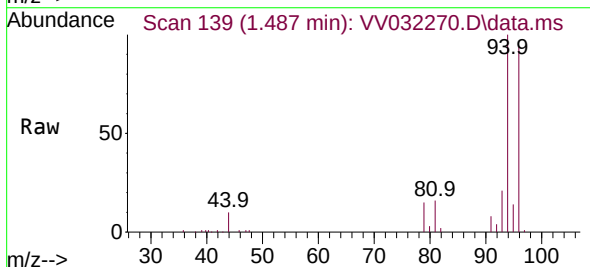
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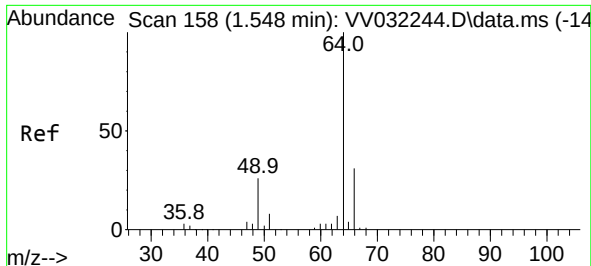
Tgt Ion: 62 Resp: 50457
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.1 42.9



#6
 Bromomethane
 Concen: 5.337 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

Tgt Ion: 94 Resp: 30163
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.8 124.2

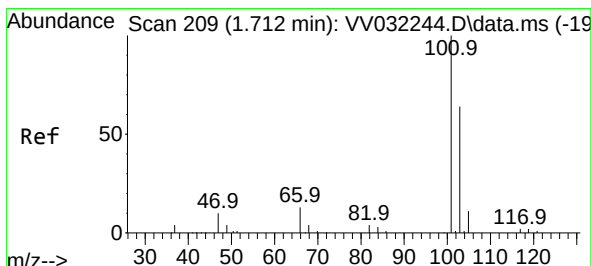
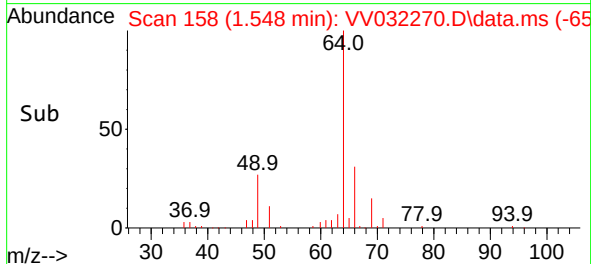
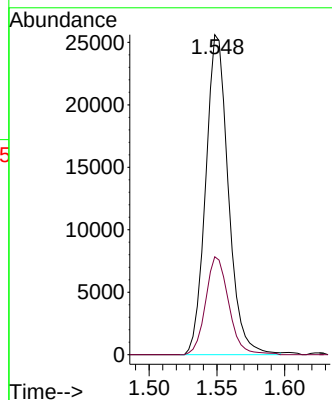
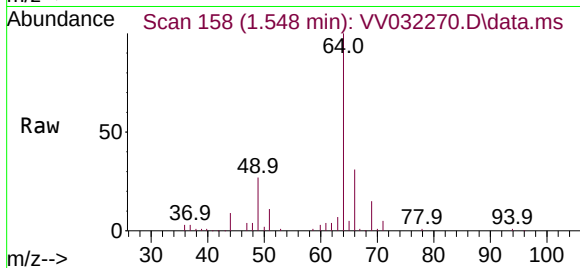




#8
Chloroethane
Concen: 5.298 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

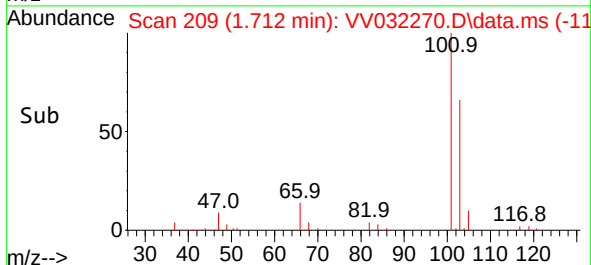
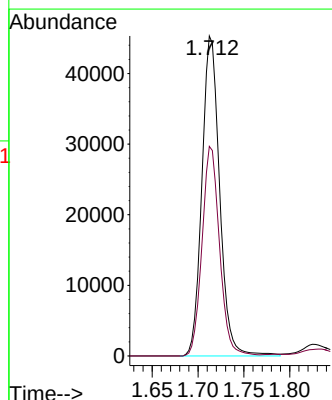
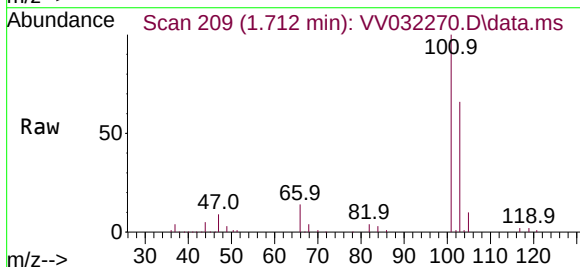
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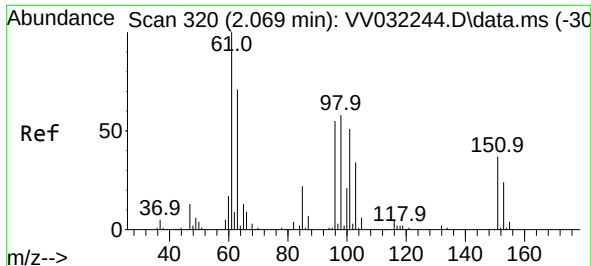
Tgt Ion: 64 Resp: 29841
Ion Ratio Lower Upper
64 100
66 30.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.449 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Tgt Ion:101 Resp: 61135
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

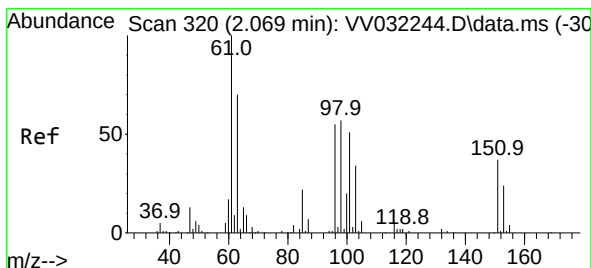
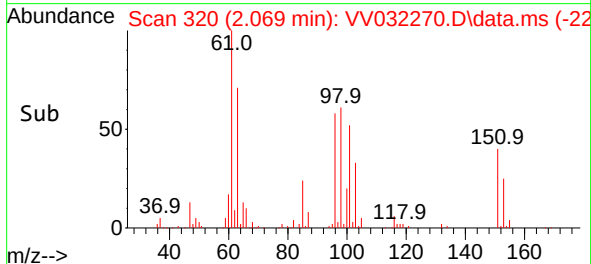
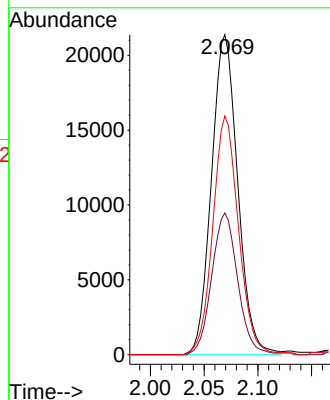
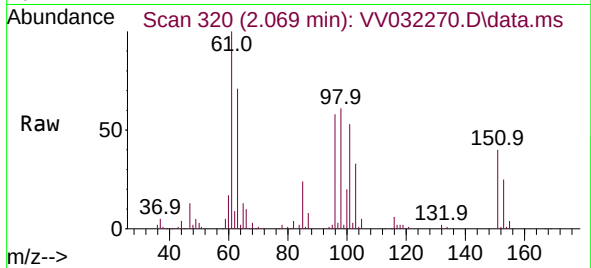




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.339 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

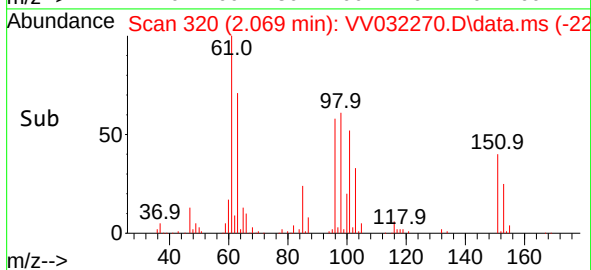
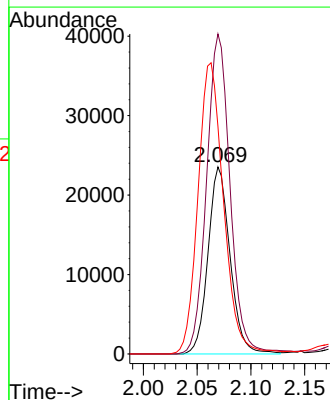
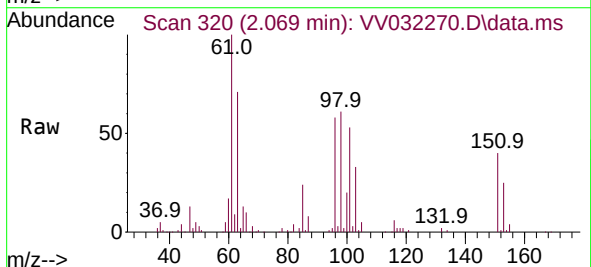
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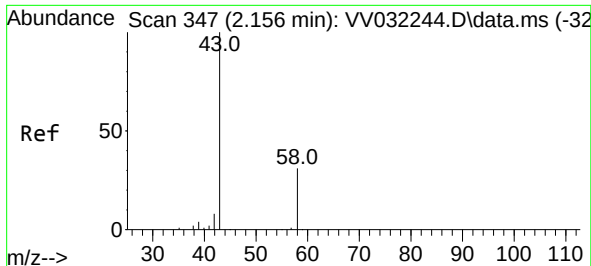
Tgt Ion:101 Resp: 36294
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.0 52.6
 151 73.2 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.250 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

Tgt Ion: 96 Resp: 33622
 Ion Ratio Lower Upper
 96 100
 61 171.0 127.3 236.3
 63 121.5 98.3 182.7





#13

Acetone

Concen: 46.912 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.022 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

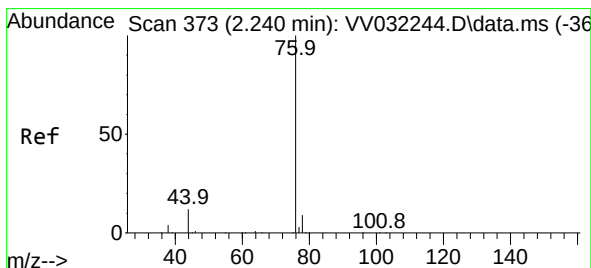
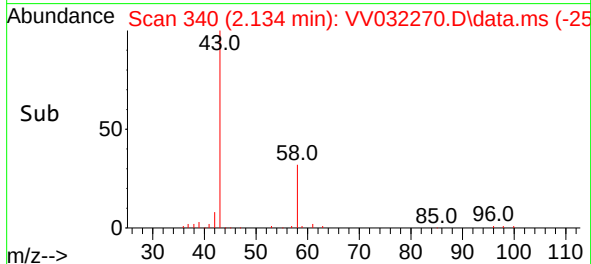
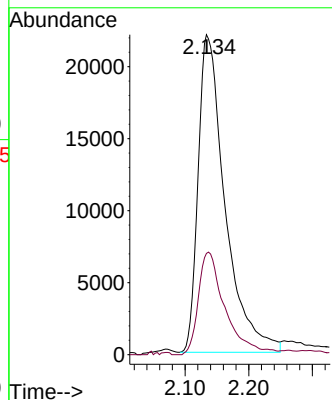
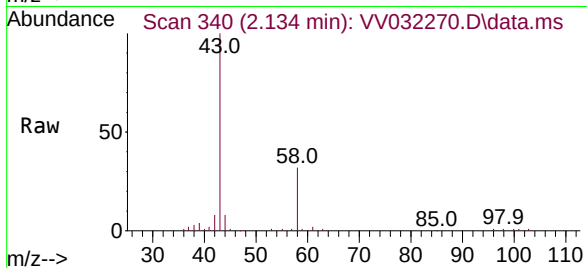
ClientSampleId :

Tgt Ion: 43 Resp: 64951

Ion Ratio Lower Upper

43 100

58 31.4 0.0 66.0



#14

Carbon disulfide

Concen: 4.927 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032270.D

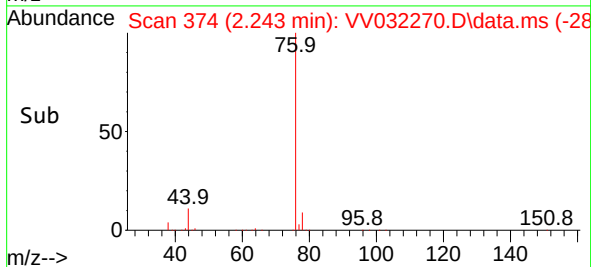
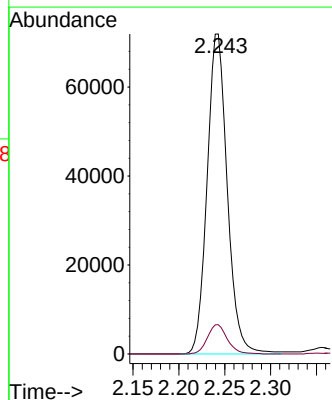
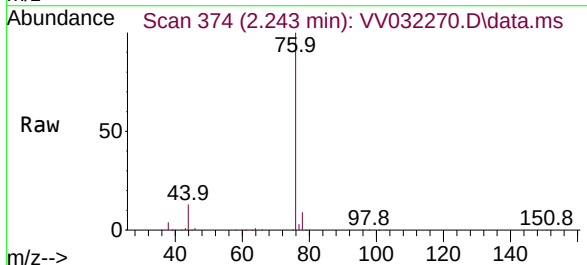
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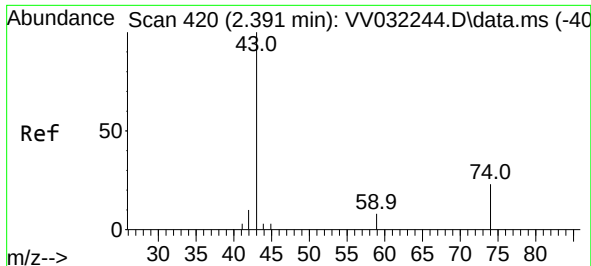
Tgt Ion: 76 Resp: 110286

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

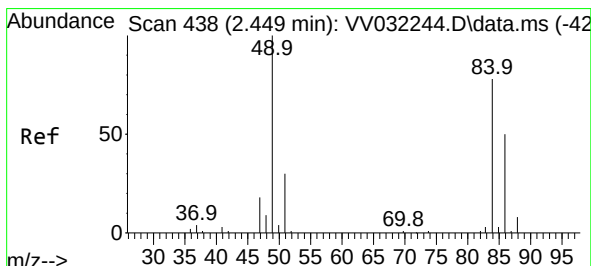
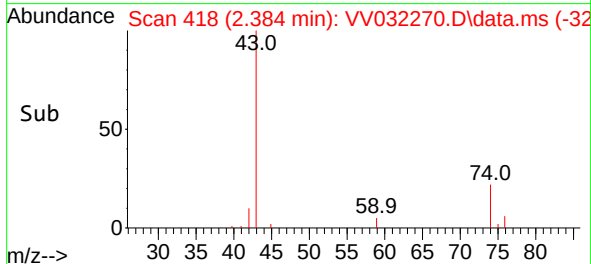
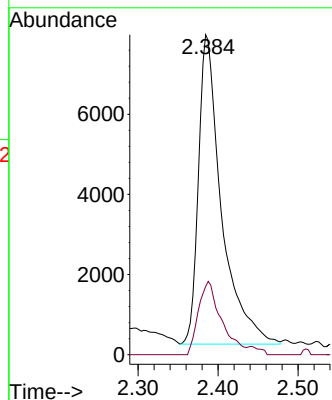
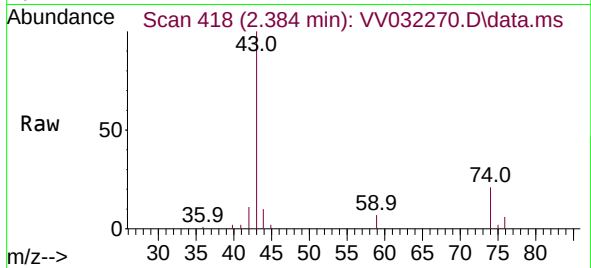




#15
Methyl Acetate
Concen: 4.959 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

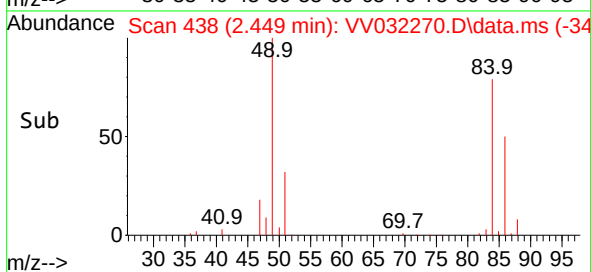
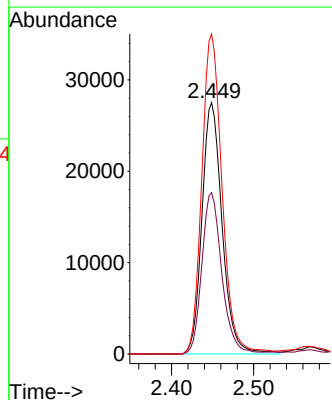
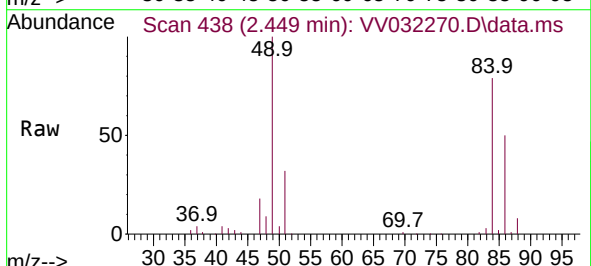
Instrument :
MSVOA_V
ClientSampleId :

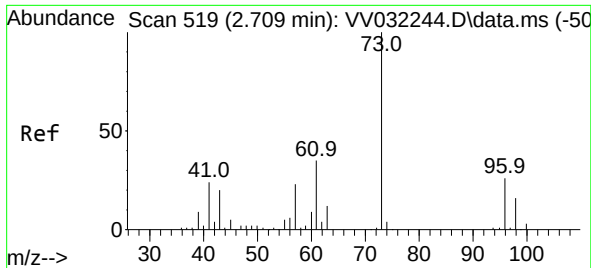
Tgt Ion: 43 Resp: 15456
Ion Ratio Lower Upper
43 100
74 23.7 18.0 27.0



#16
Methylene chloride
Concen: 5.628 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

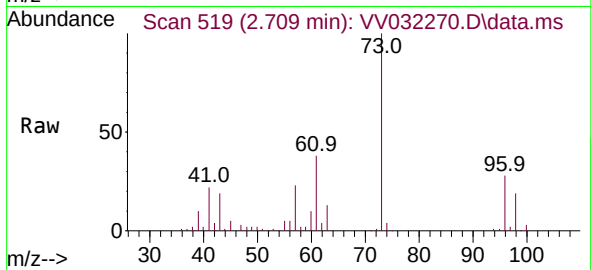
Tgt Ion: 84 Resp: 46987
Ion Ratio Lower Upper
84 100
86 64.1 43.2 80.2
49 127.3 86.3 160.3



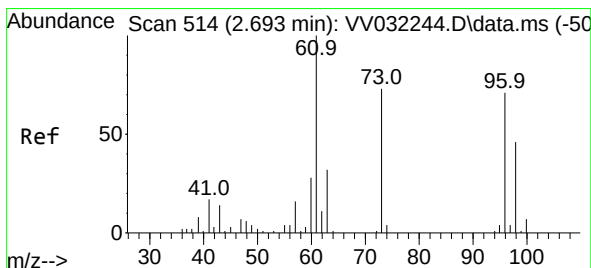
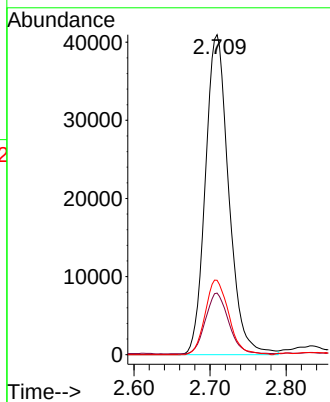
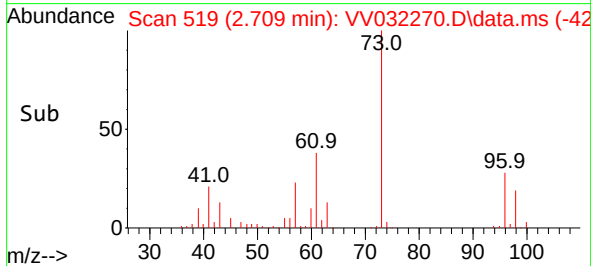


#17
Methyl tert-butyl Ether
Concen: 5.025 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

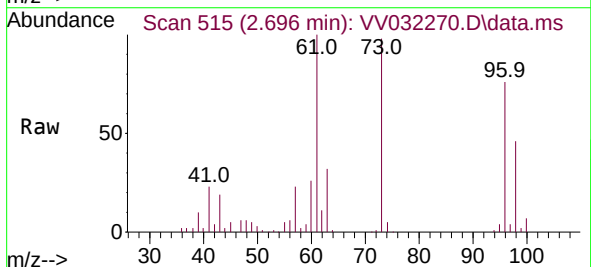
Instrument :
MSVOA_V
ClientSampleId :



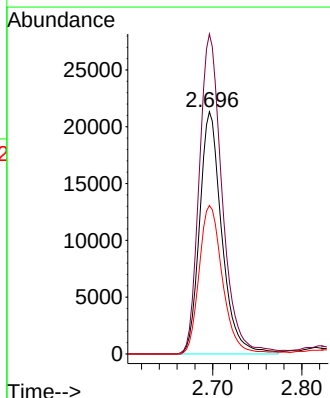
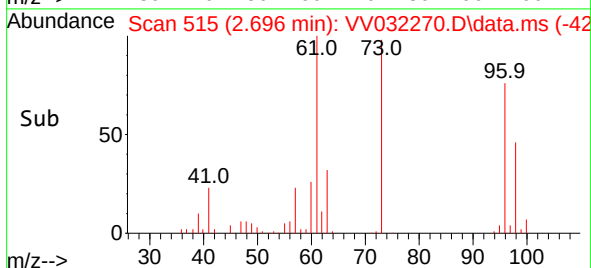
Tgt Ion: 73	Resp: 87598
Ion Ratio	Lower Upper
73	100
43	18.7 15.1 22.7
57	23.5 18.3 27.5

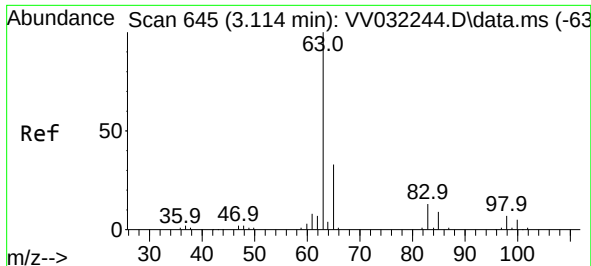


#18
trans-1,2-Dichloroethene
Concen: 5.035 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01



Tgt Ion: 96	Resp: 36933
Ion Ratio	Lower Upper
96	100
61	132.1 96.9 180.1
98	61.3 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.057 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

ClientSampleId :

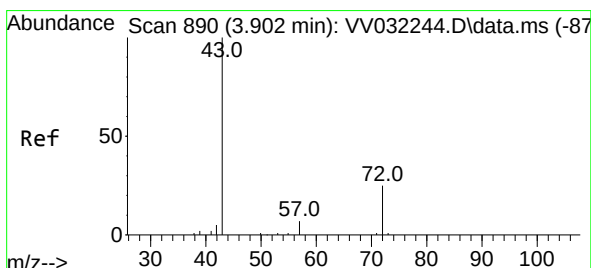
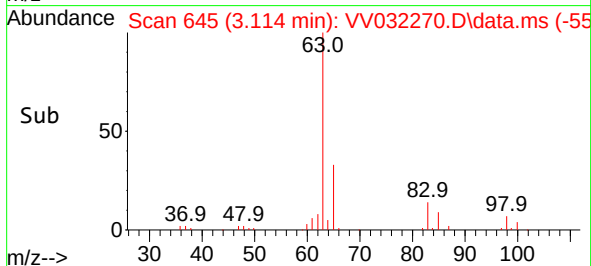
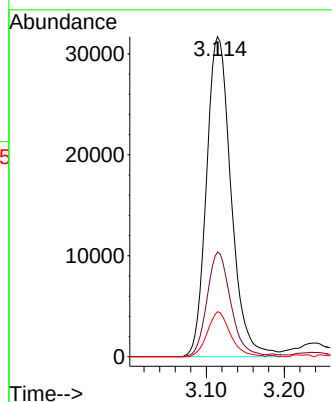
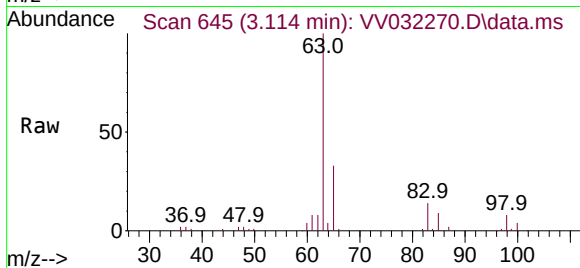
Tgt Ion: 63 Resp: 69778

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 14.1 9.0 16.6



#21

2-Butanone

Concen: 49.312 ug/L

RT: 3.889 min Scan# 886

Delta R.T. -0.013 min

Lab File: VV032270.D

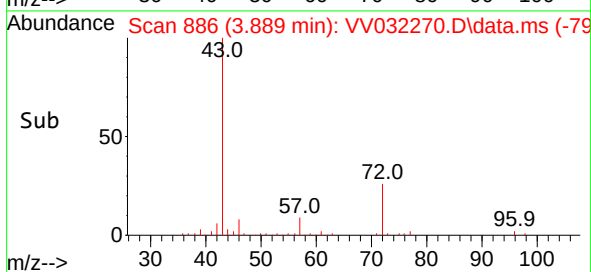
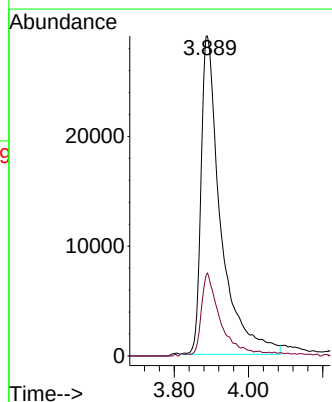
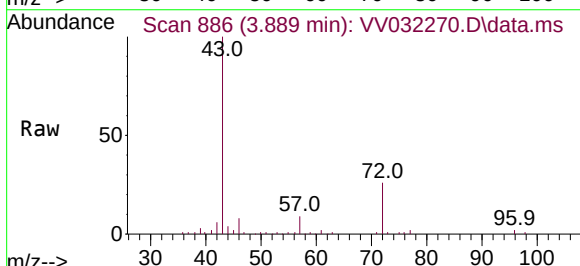
Acq: 05 Oct 2023 21:01

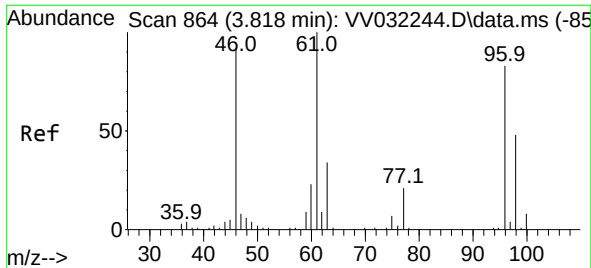
Tgt Ion: 43 Resp: 106768

Ion Ratio Lower Upper

43 100

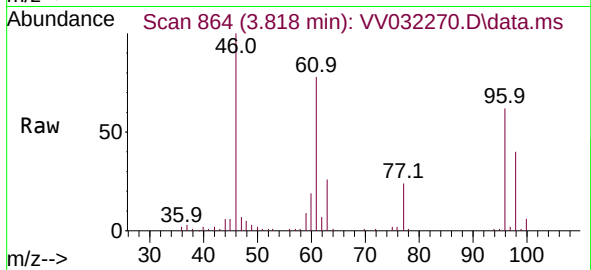
72 22.3 11.6 34.8





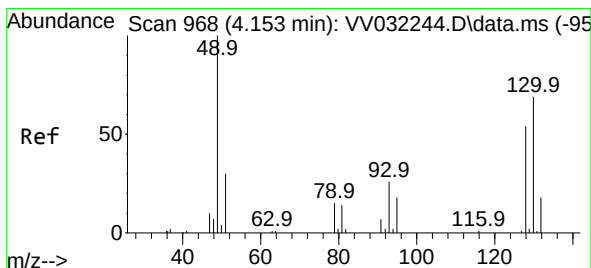
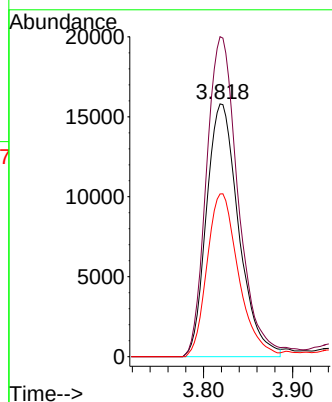
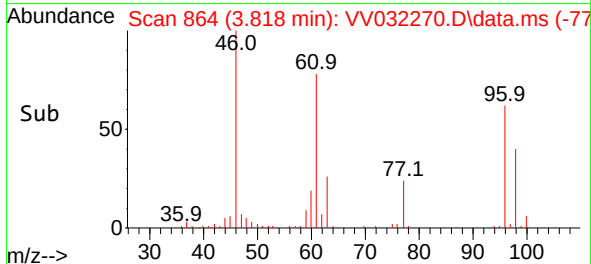
#22
 cis-1,2-Dichloroethene
 Concen: 5.016 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 39614

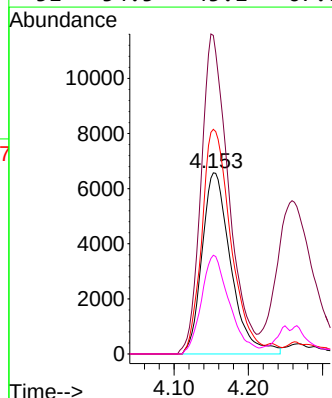
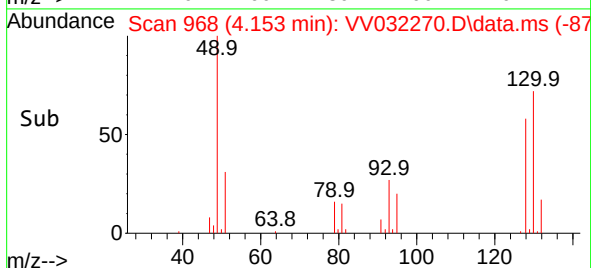
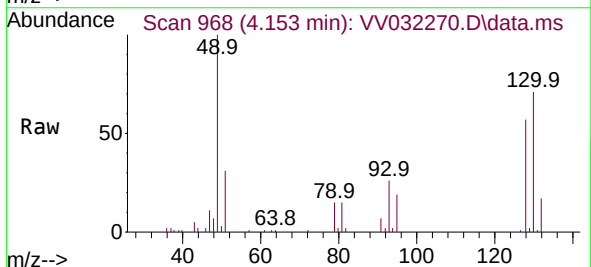
Ion	Ratio	Lower	Upper
96	100		
61	126.6	85.8	159.4
98	64.4	44.0	81.6

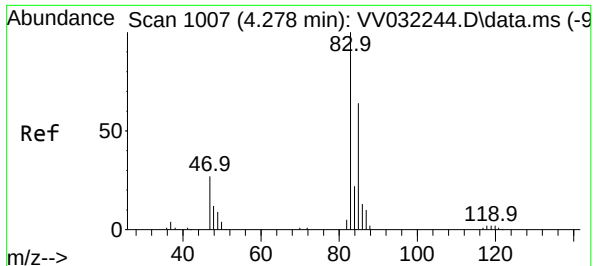


#23
 Bromochloromethane
 Concen: 5.328 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

Tgt Ion: 128 Resp: 17702

Ion	Ratio	Lower	Upper
128	100		
49	175.9	121.2	225.0
130	124.0	88.2	163.8
51	54.5	45.1	67.7





#25

Chloroform

Concen: 5.175 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

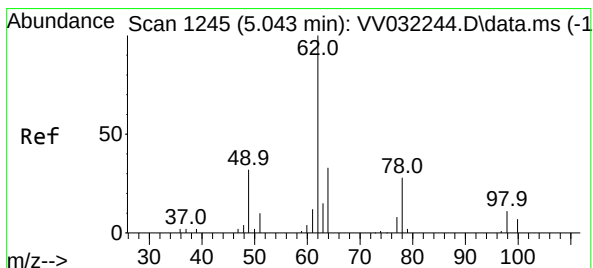
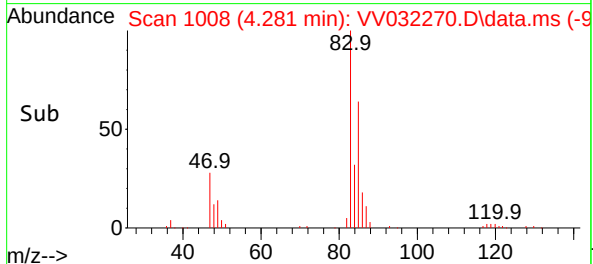
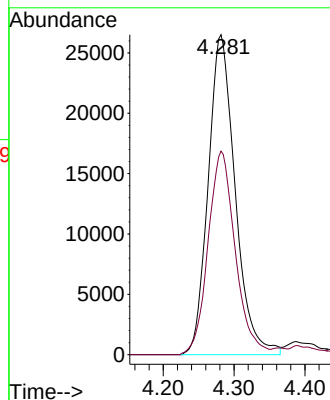
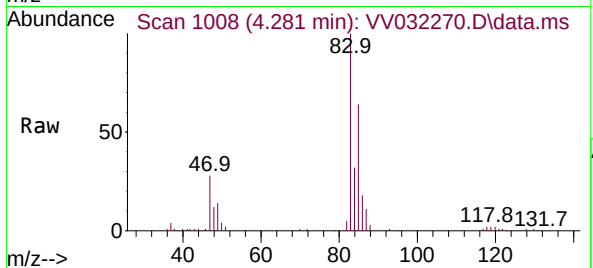
ClientSampleId :

Tgt Ion: 83 Resp: 70054

Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.039 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV032270.D

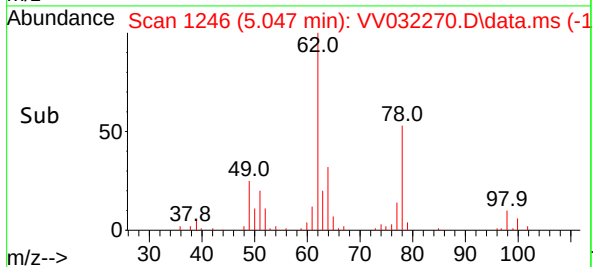
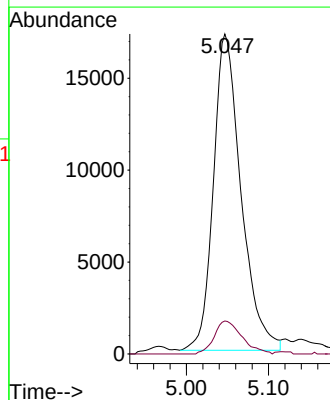
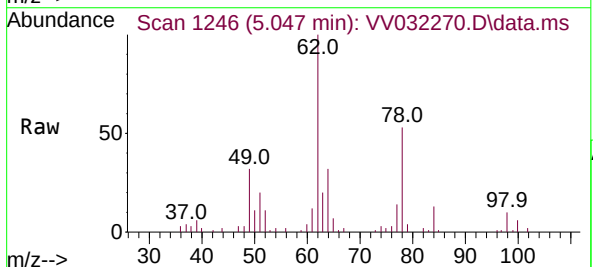
Acq: 05 Oct 2023 21:01

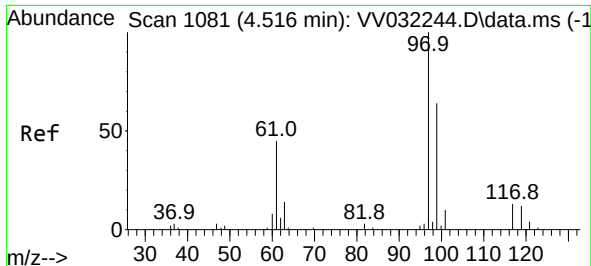
Tgt Ion: 62 Resp: 40301

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.709 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

ClientSampleId :

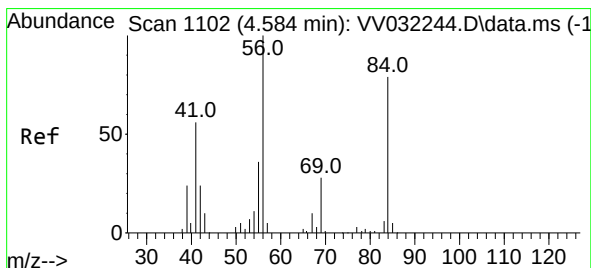
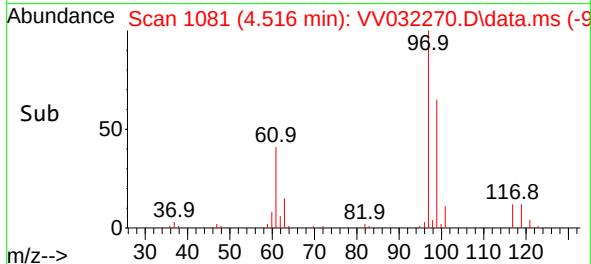
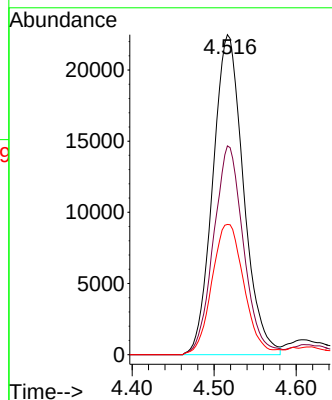
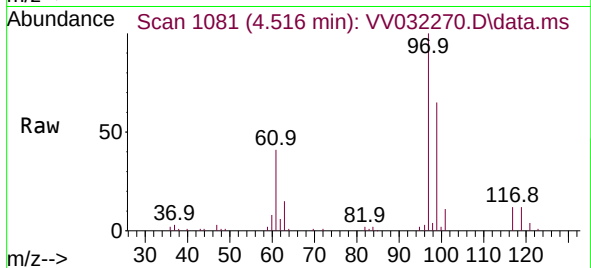
Tgt Ion: 97 Resp: 58319

Ion Ratio Lower Upper

97 100

99 64.0 50.1 75.1

61 42.8 35.1 52.7



#30

Cyclohexane

Concen: 4.368 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

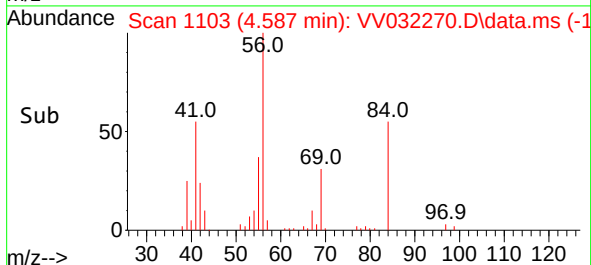
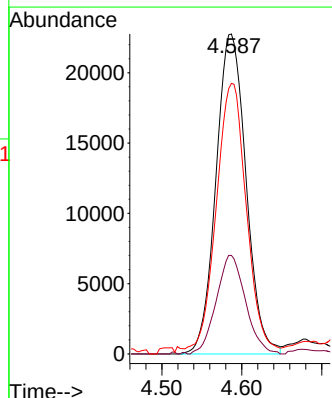
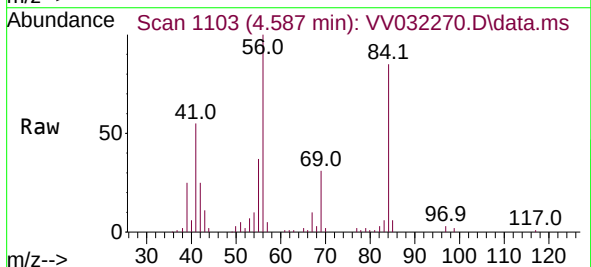
Tgt Ion: 56 Resp: 59444

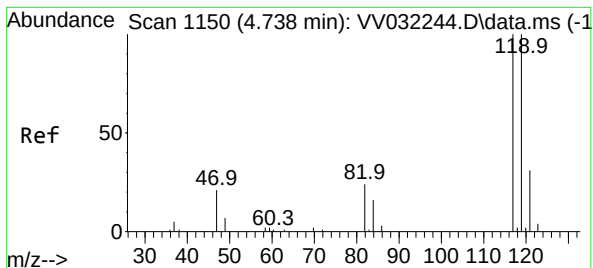
Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

84 81.9 68.1 102.1





#31

Carbon tetrachloride

Concen: 4.627 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

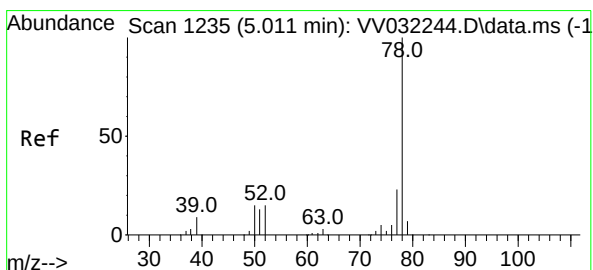
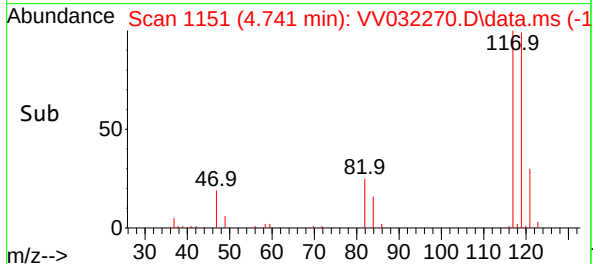
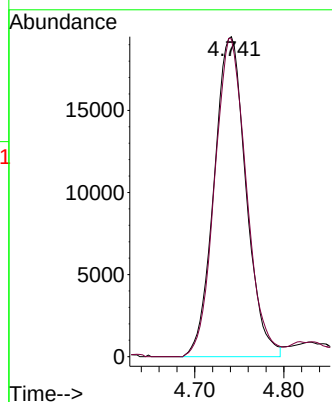
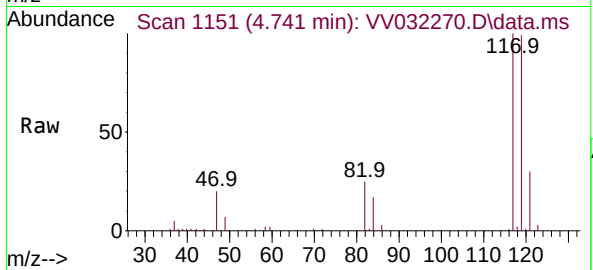
ClientSampleId :

Tgt Ion:117 Resp: 48481

Ion Ratio Lower Upper

117 100

119 98.9 77.6 116.4



#33

Benzene

Concen: 4.696 ug/L

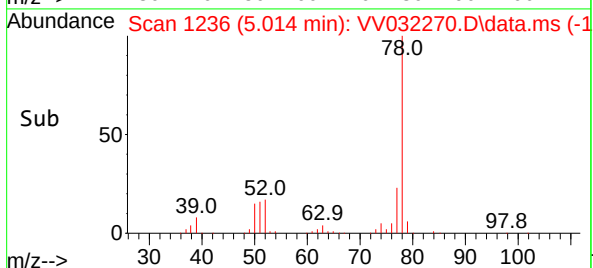
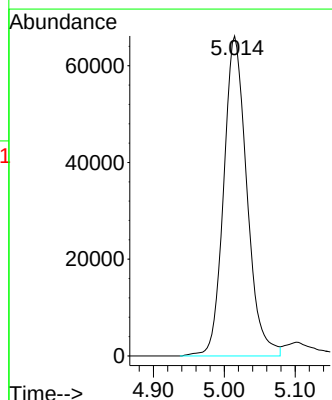
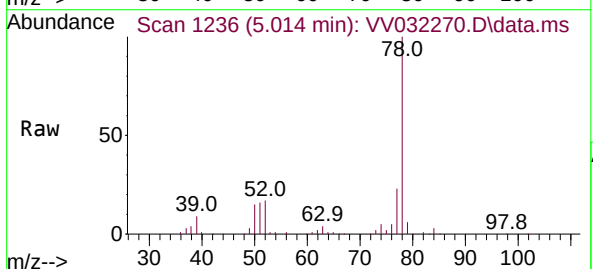
RT: 5.014 min Scan# 1236

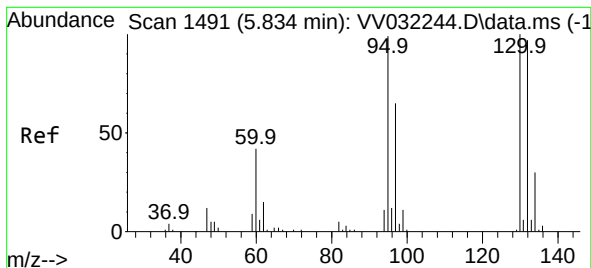
Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Tgt Ion: 78 Resp: 150597





#34

Trichloroethene

Concen: 5.084 ug/L

RT: 5.838 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 44503

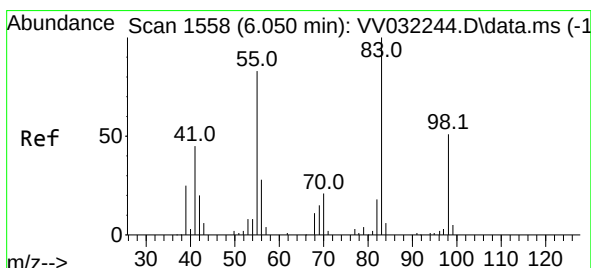
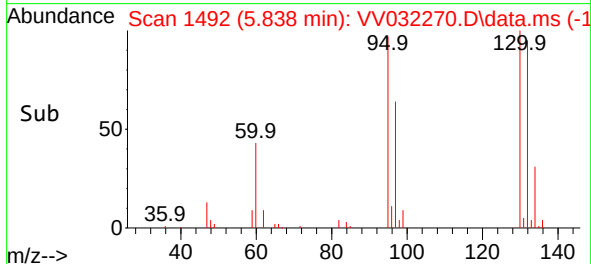
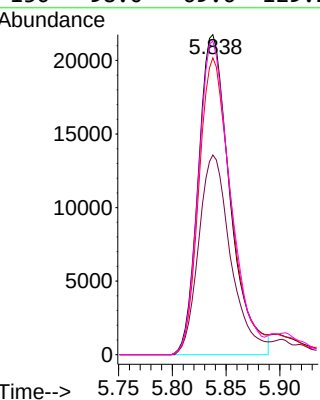
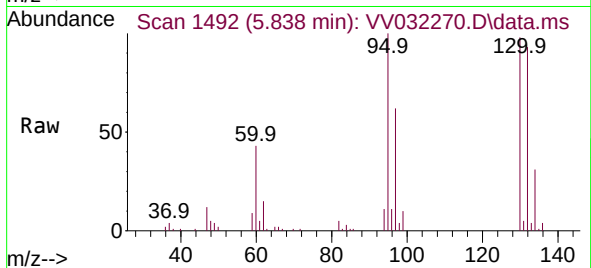
Ion Ratio Lower Upper

95 100

97 62.4 45.7 84.9

132 92.8 70.3 130.5

130 98.0 69.6 129.2



#35

Methylcyclohexane

Concen: 4.045 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

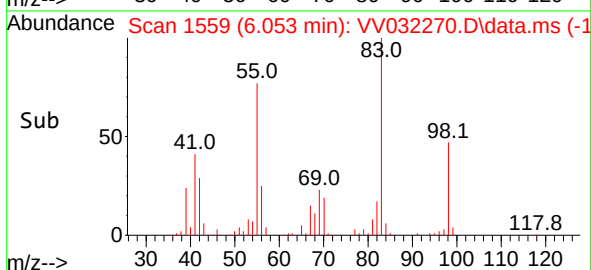
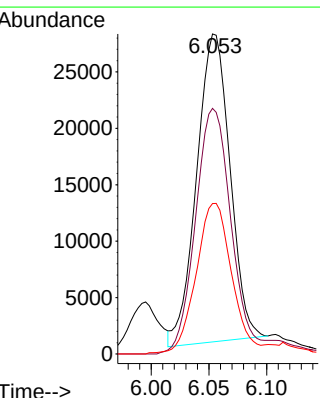
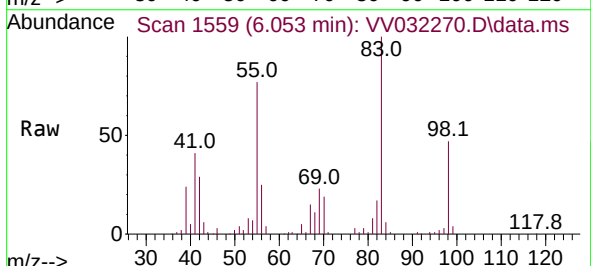
Tgt Ion: 83 Resp: 54802

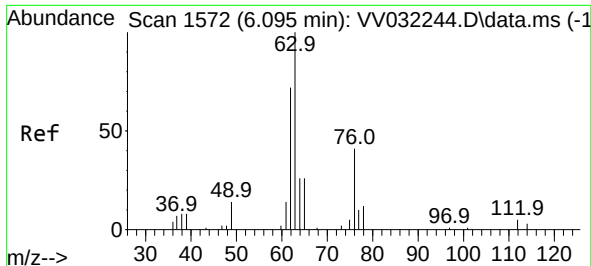
Ion Ratio Lower Upper

83 100

55 89.8 64.2 96.2

98 52.1 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.510 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

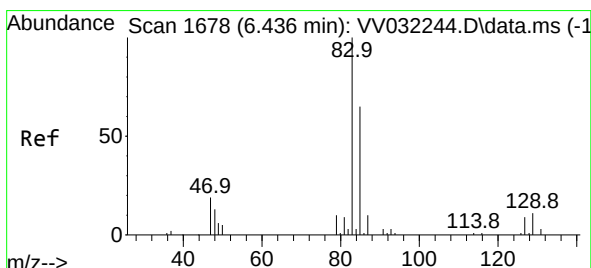
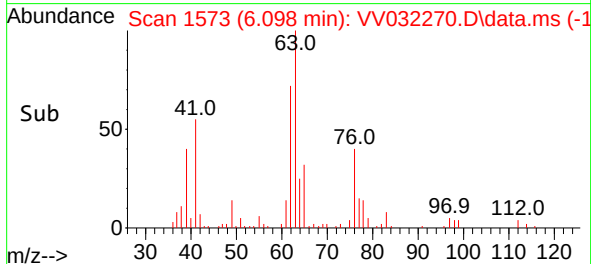
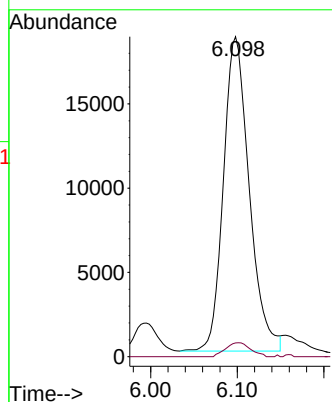
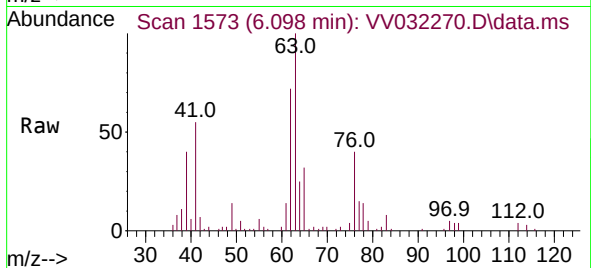
ClientSampleId :

Tgt Ion: 63 Resp: 38681

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 4.946 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

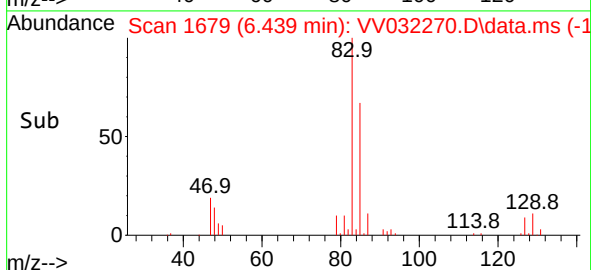
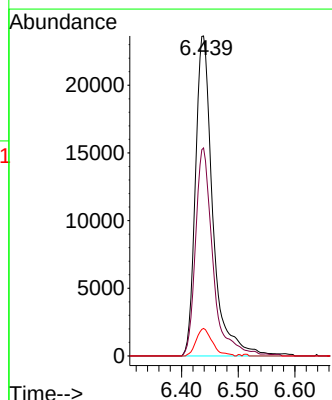
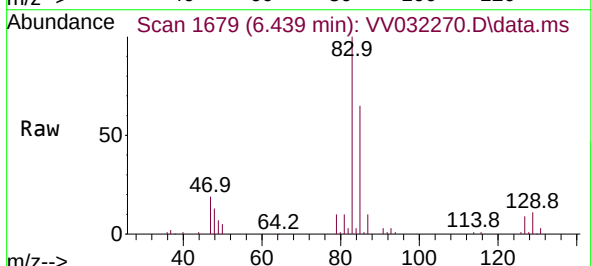
Tgt Ion: 83 Resp: 50396

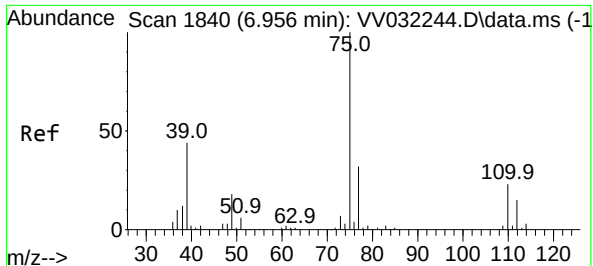
Ion Ratio Lower Upper

83 100

85 65.0 44.9 83.3

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.727 ug/L

RT: 6.960 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

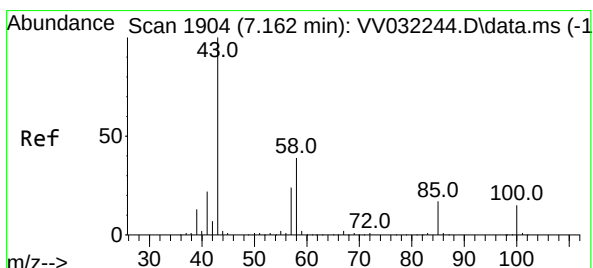
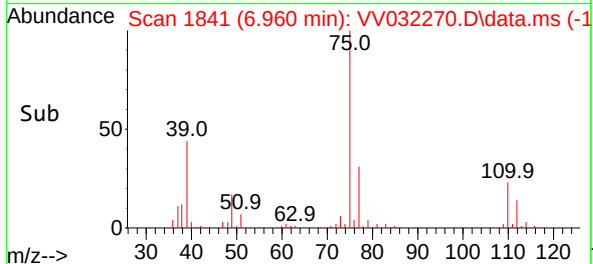
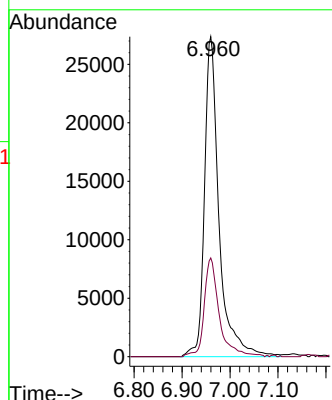
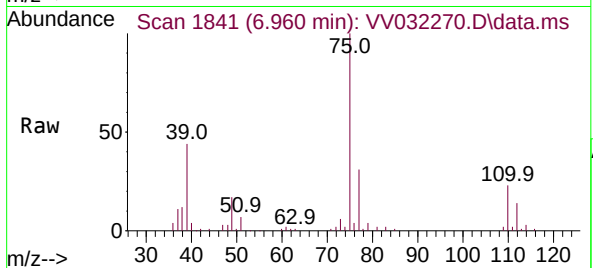
ClientSampleId :

Tgt Ion: 75 Resp: 57694

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 48.218 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

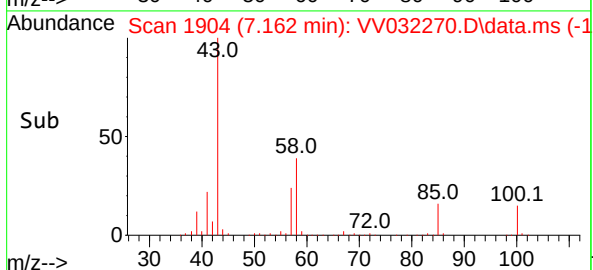
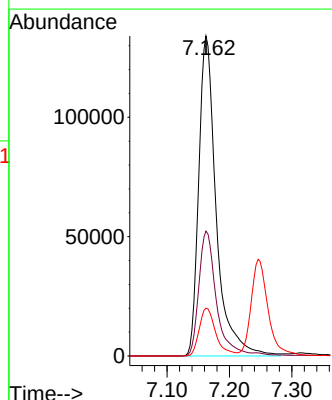
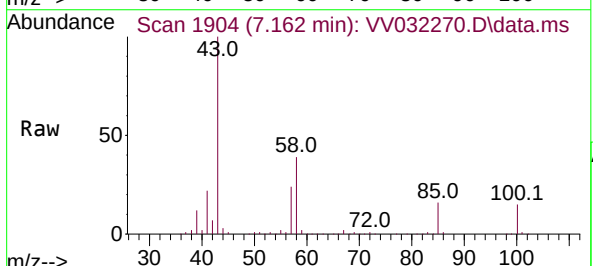
Tgt Ion: 43 Resp: 261683

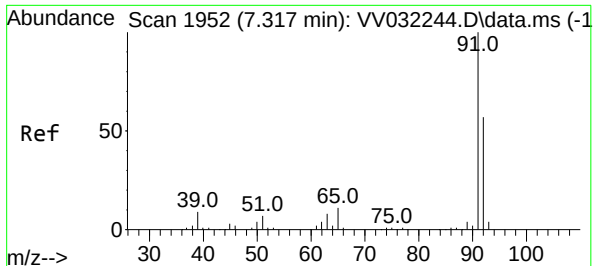
Ion Ratio Lower Upper

43 100

58 38.7 31.9 47.9

100 14.2 11.3 16.9

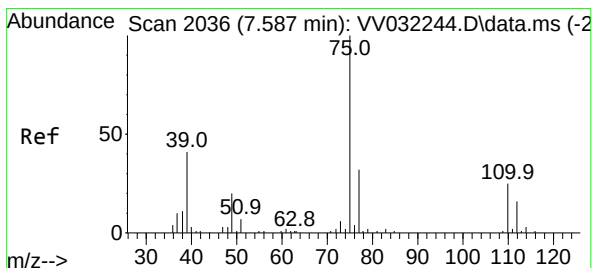
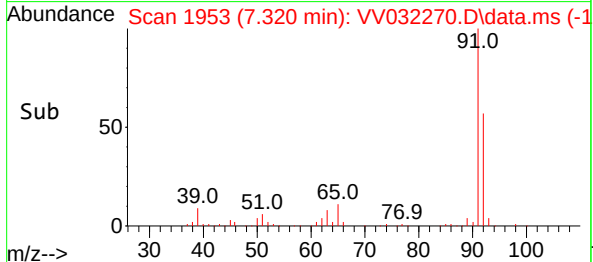
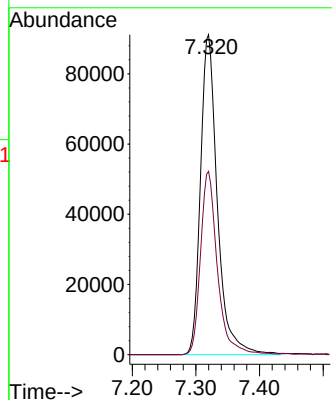
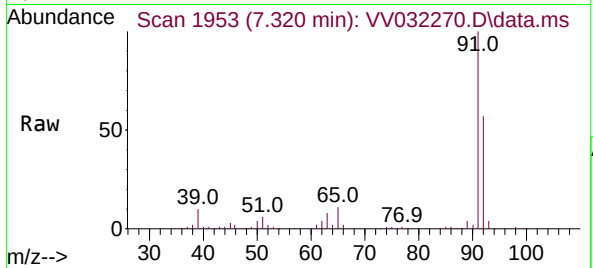




#42
Toluene
Concen: 4.917 ug/L
RT: 7.320 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

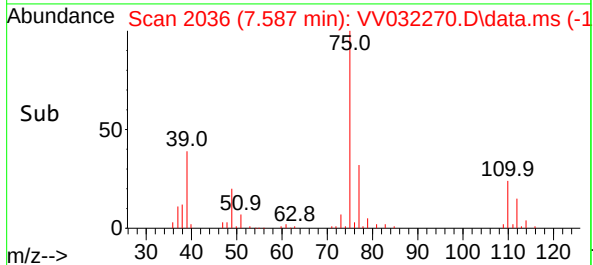
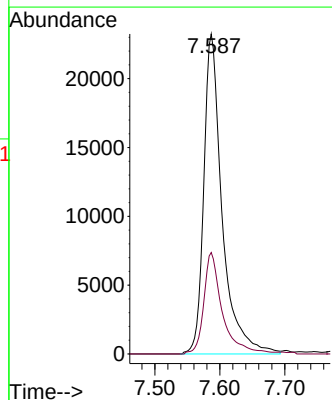
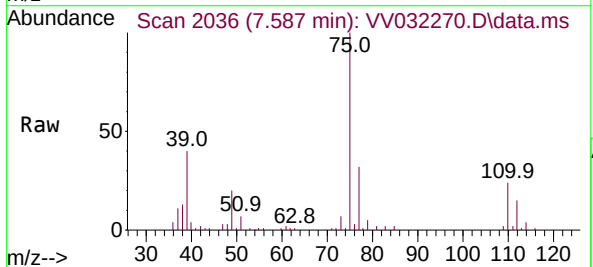
Instrument :
MSVOA_V
ClientSampleId :

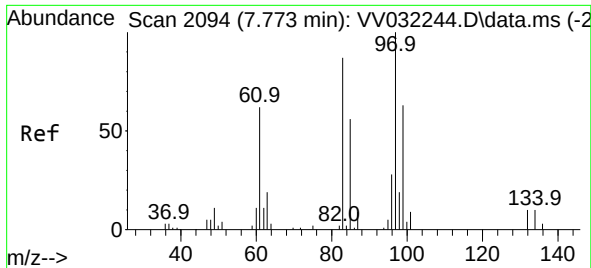
Tgt Ion: 91 Resp: 168094
Ion Ratio Lower Upper
91 100
92 57.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 4.564 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Tgt Ion: 75 Resp: 45782
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.7

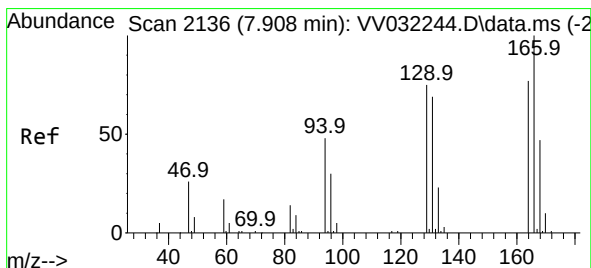
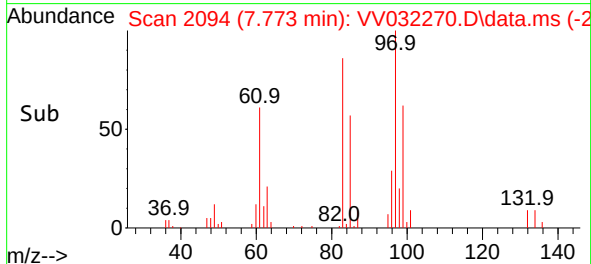
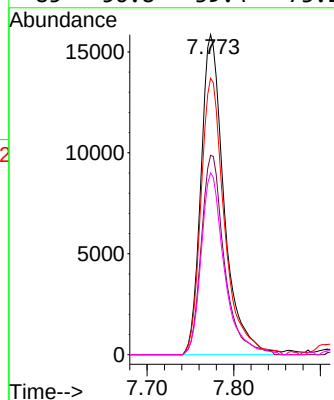
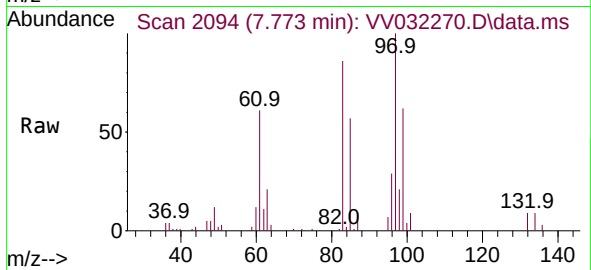




#45
1,1,2-Trichloroethane
Concen: 4.873 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

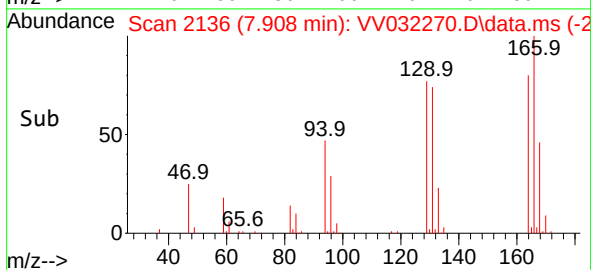
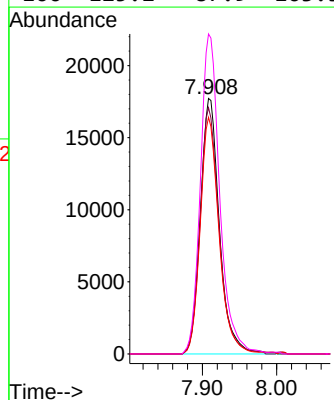
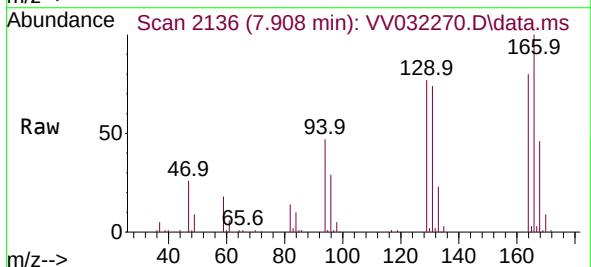
Instrument :
MSVOA_V
ClientSampleId :

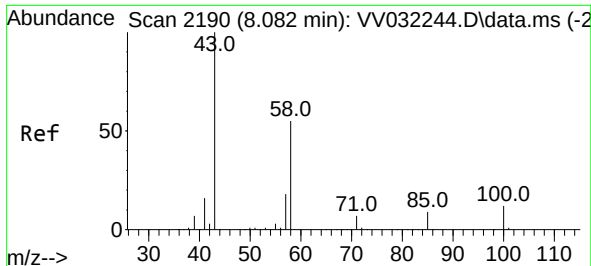
Tgt Ion:	97	Resp:	29482
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.8	79.4
83	86.4	60.9	113.1
85	56.8	39.4	73.2



#47
Tetrachloroethene
Concen: 4.782 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

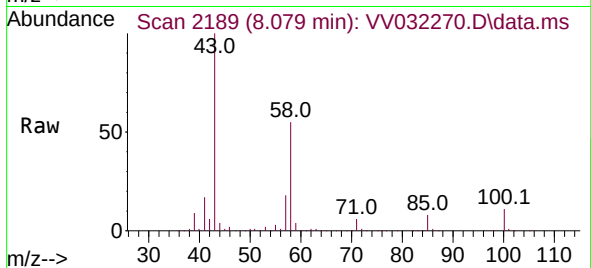
Tgt Ion:	164	Resp:	31745
Ion	Ratio	Lower	Upper
164	100		
129	96.3	66.4	123.4
131	92.6	63.7	118.3
166	125.2	87.9	163.3



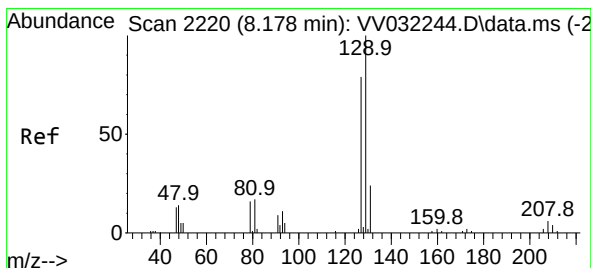
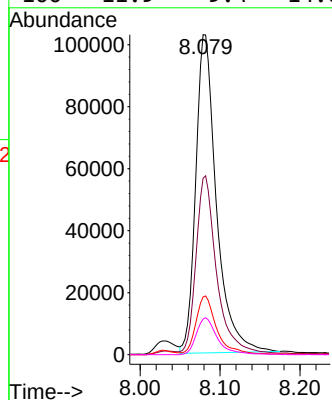
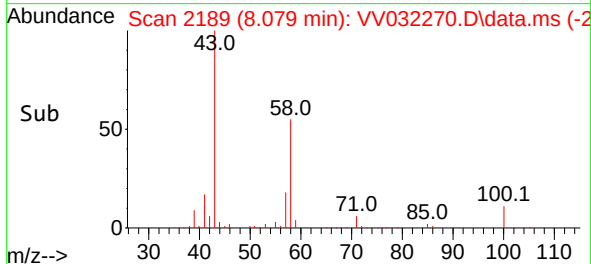


#48
2-Hexanone
Concen: 48.441 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Instrument :
MSVOA_V
ClientSampleId :

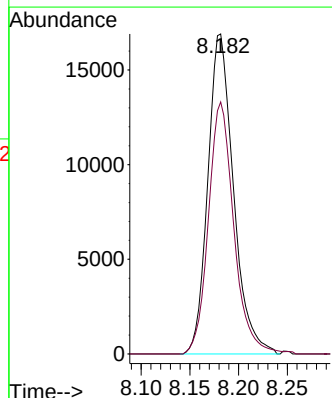
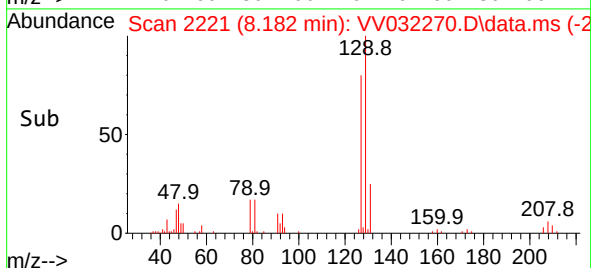
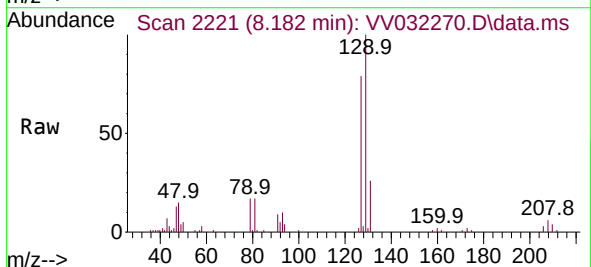


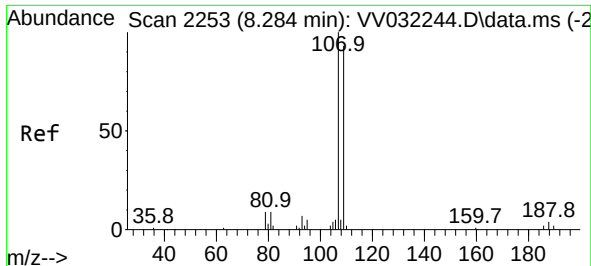
Tgt Ion: 43 Resp: 185486
Ion Ratio Lower Upper
43 100
58 55.4 43.6 65.4
57 18.2 14.6 22.0
100 11.9 9.4 14.0



#49
Dibromochloromethane
Concen: 4.909 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

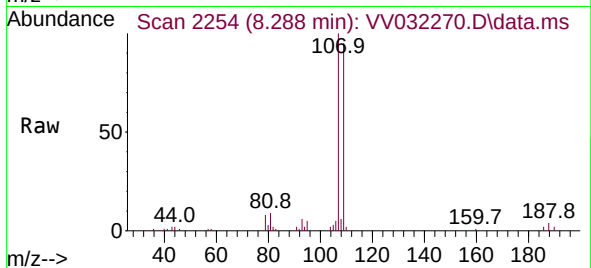
Tgt Ion: 129 Resp: 30919
Ion Ratio Lower Upper
129 100
127 78.7 57.2 106.2



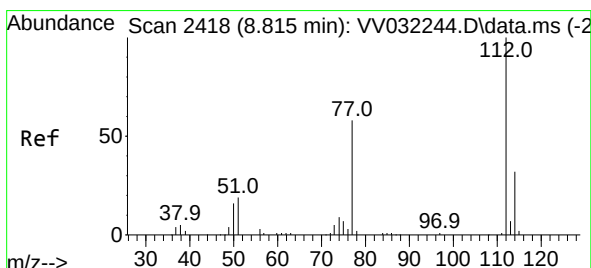
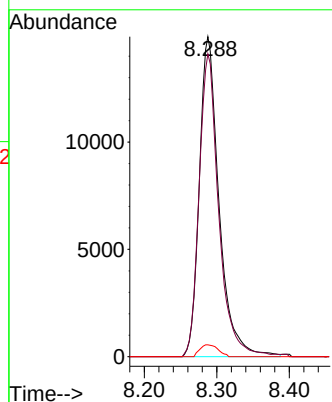
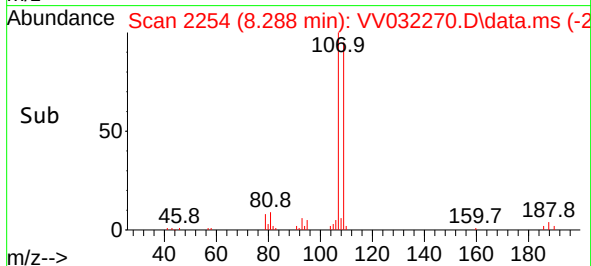


#50
1,2-Dibromoethane
Concen: 4.920 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Instrument :
MSVOA_V
ClientSampleId :

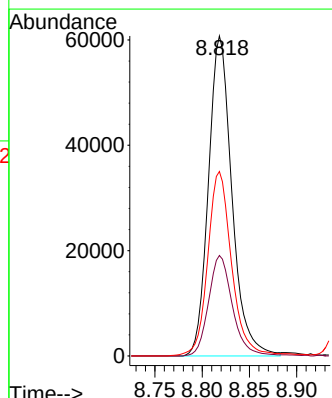
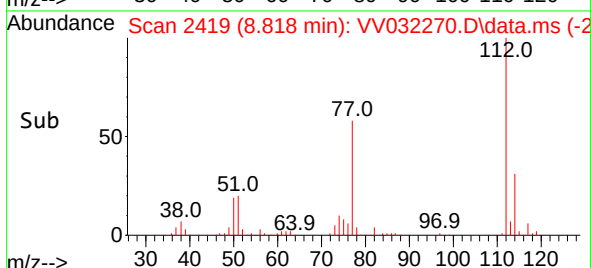
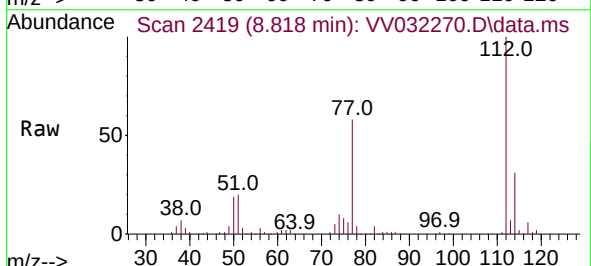


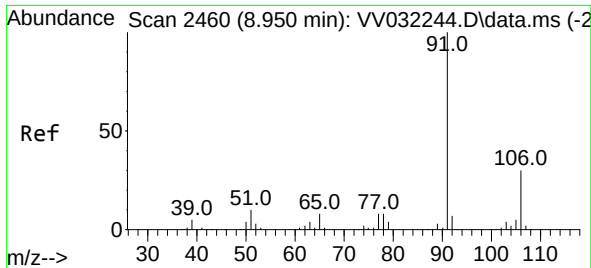
Tgt Ion:107 Resp: 28153
Ion Ratio Lower Upper
107 100
109 94.6 68.4 127.0
188 3.7 3.2 4.8



#51
Chlorobenzene
Concen: 4.770 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Tgt Ion:112 Resp: 104981
Ion Ratio Lower Upper
112 100
114 31.4 22.1 41.1
77 57.7 46.1 69.1

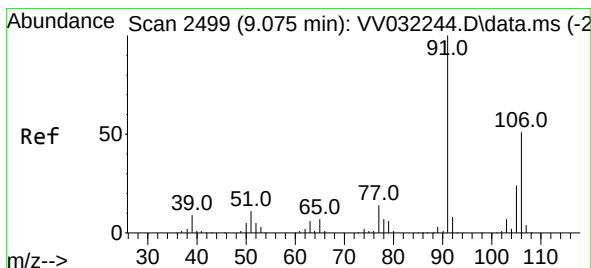
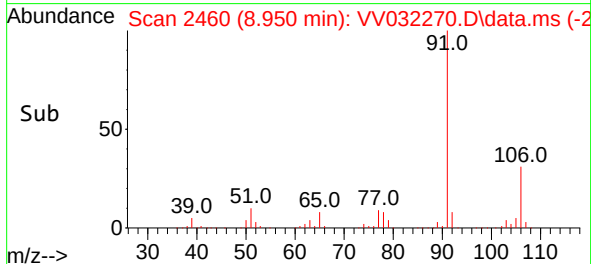
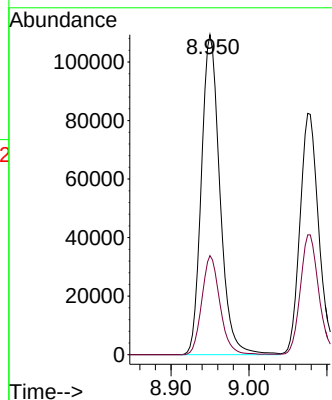
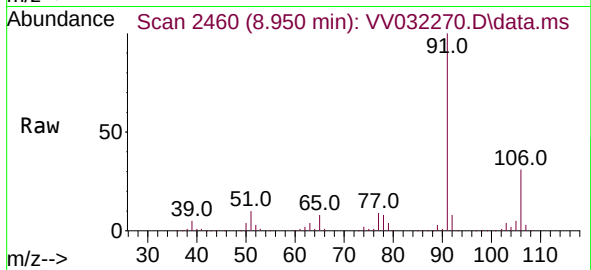




#52
Ethylbenzene
Concen: 4.743 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

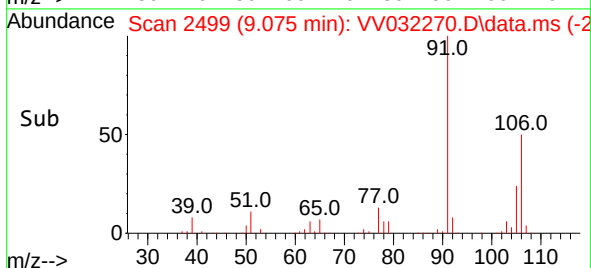
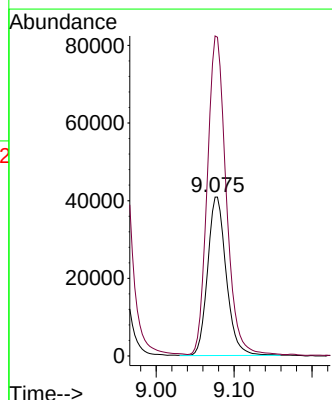
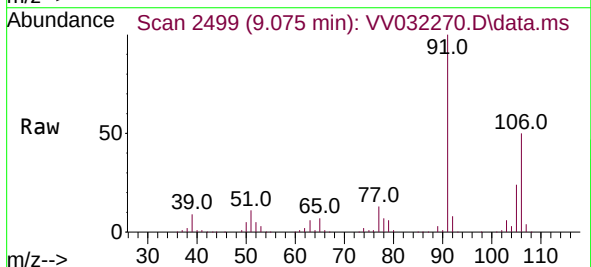
Instrument :
MSVOA_V
ClientSampleId :

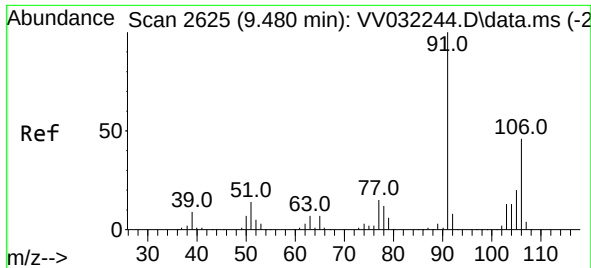
Tgt Ion: 91 Resp: 180529
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 4.796 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Tgt Ion: 106 Resp: 67709
Ion Ratio Lower Upper
106 100
91 201.3 144.5 268.3

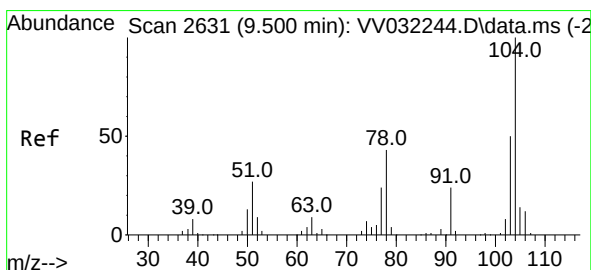
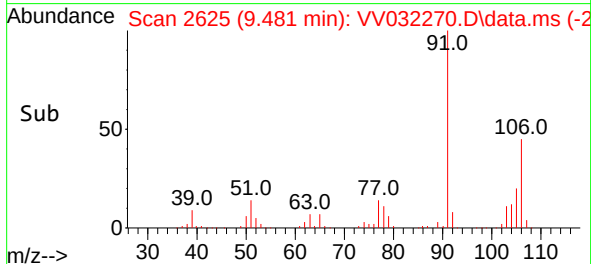
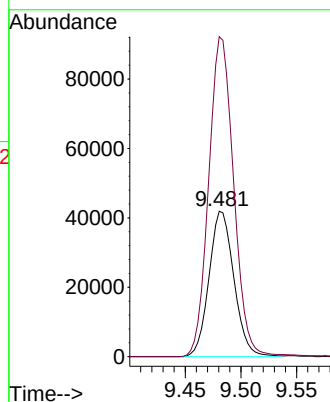
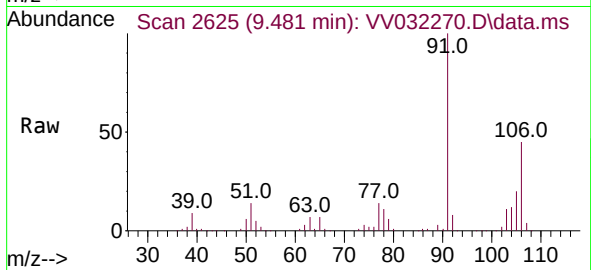




#54
o-Xylene
Concen: 4.792 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

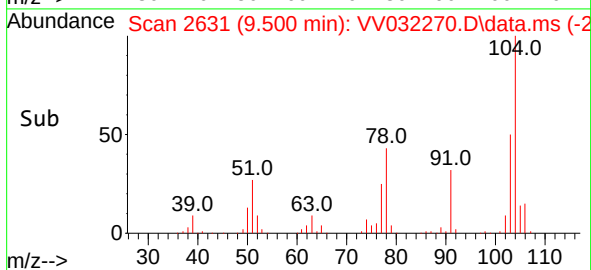
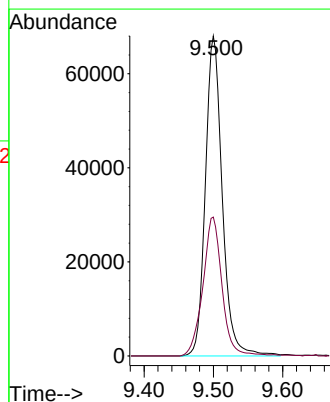
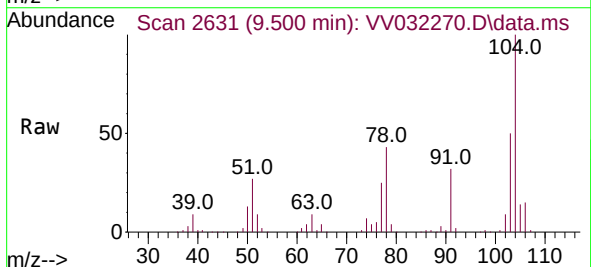
Instrument :
MSVOA_V
ClientSampleId :

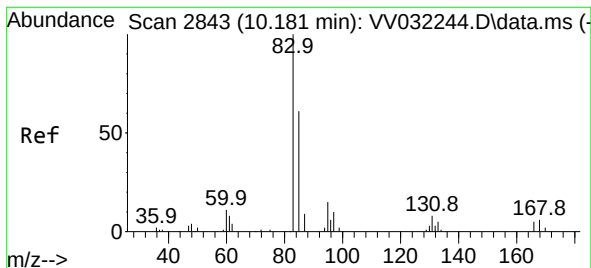
Tgt Ion:106 Resp: 65191
Ion Ratio Lower Upper
106 100
91 220.0 154.8 287.4



#55
Styrene
Concen: 5.007 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Tgt Ion:104 Resp: 115026
Ion Ratio Lower Upper
104 100
78 43.4 29.9 55.5

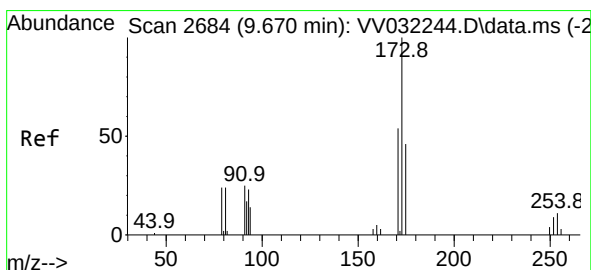
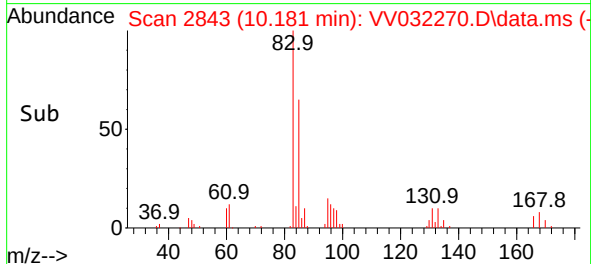
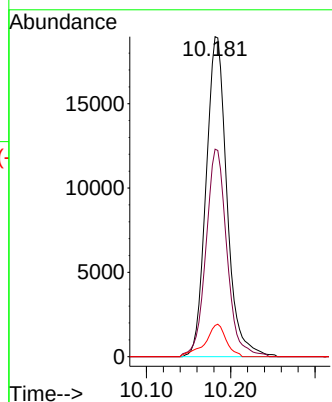
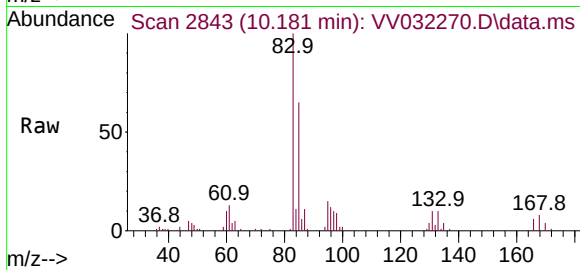




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.900 ug/L
 RT: 10.181 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

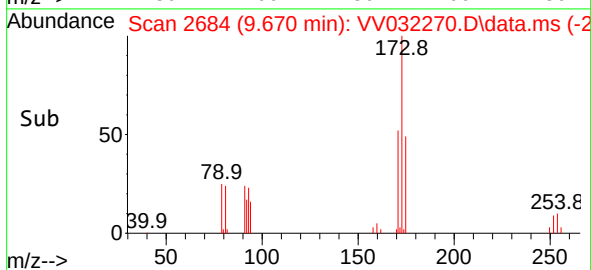
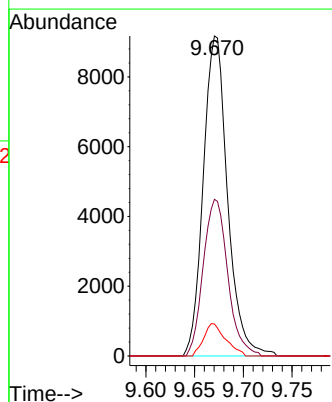
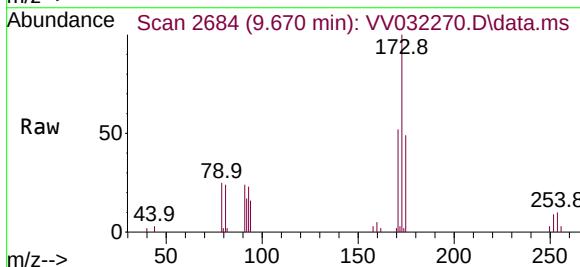
Instrument :
 MSVOA_V
 ClientSampleId :

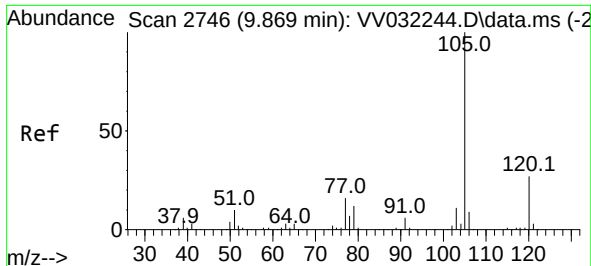
Tgt Ion: 83 Resp: 32618
 Ion Ratio Lower Upper
 83 100
 85 64.9 43.6 81.0
 131 9.8 7.0 10.6



#59
 Bromoform
 Concen: 4.542 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

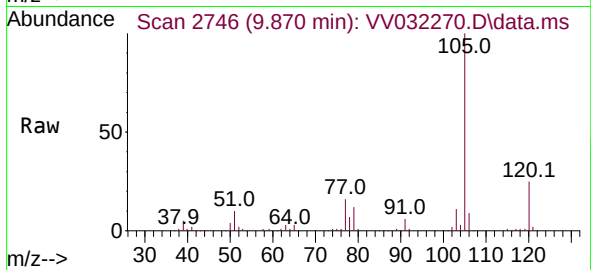
Tgt Ion: 173 Resp: 15887
 Ion Ratio Lower Upper
 173 100
 175 49.4 38.2 57.2
 254 9.1 7.0 10.4



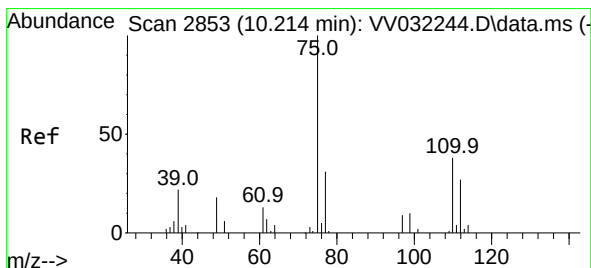
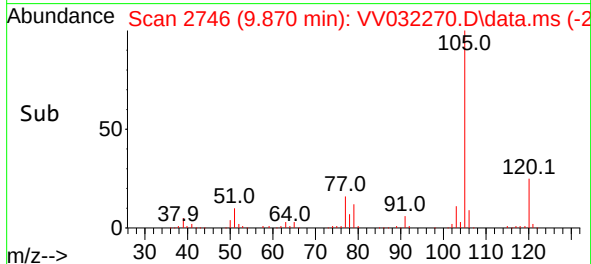
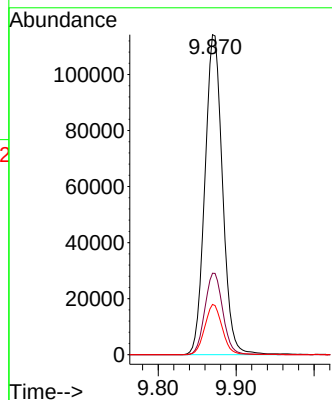


#60
Isopropylbenzene
Concen: 4.799 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Instrument :
MSVOA_V
ClientSampleId :

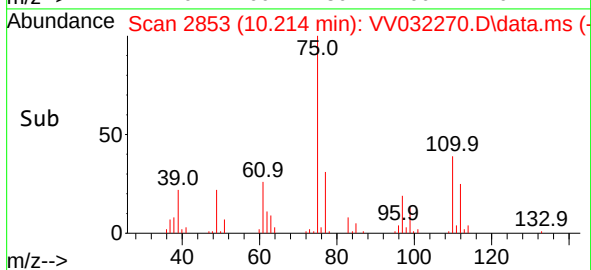
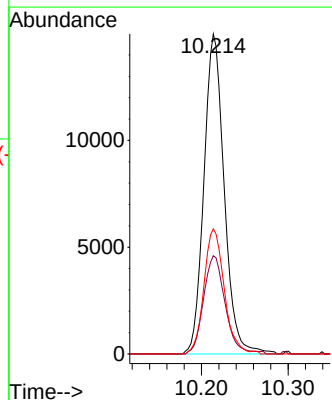
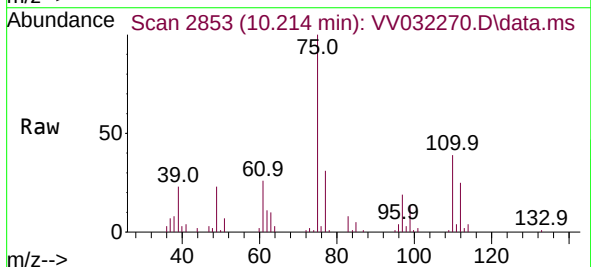


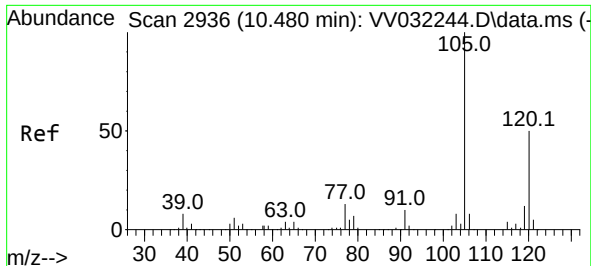
Tgt Ion:105 Resp: 179370
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.767 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Tgt Ion: 75 Resp: 24404
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 38.9 30.6 46.0

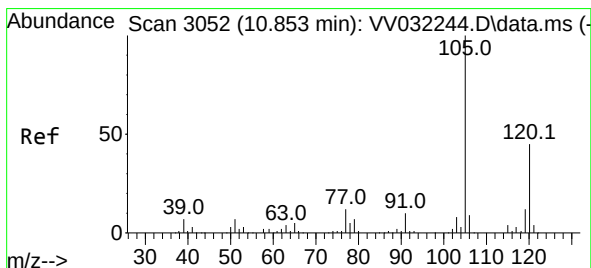
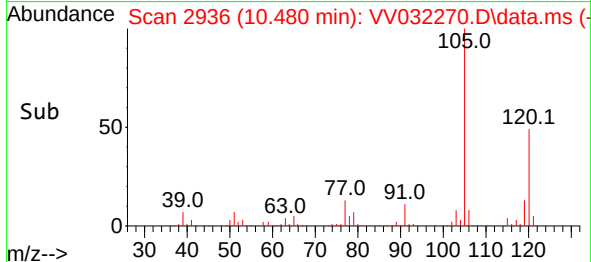
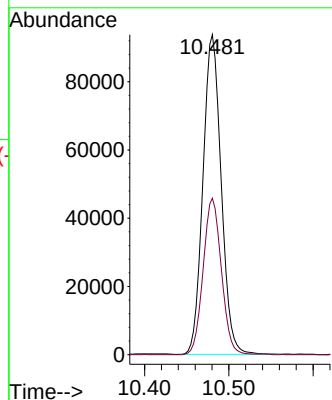
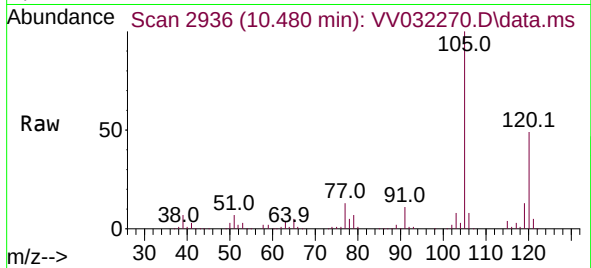




#62
1,3,5-Trimethylbenzene
Concen: 4.640 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

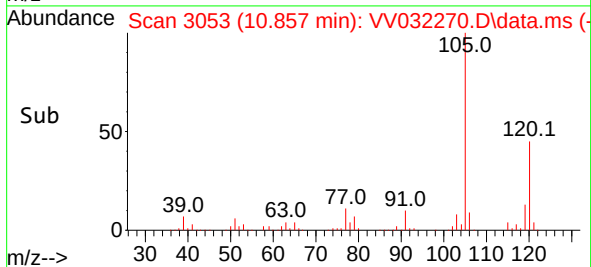
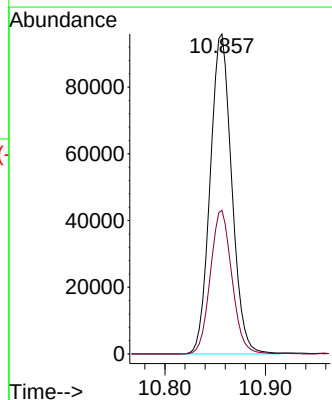
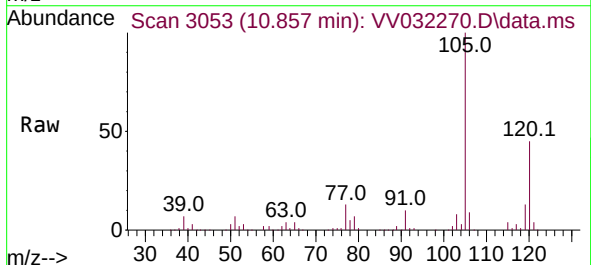
Instrument :
MSVOA_V
ClientSampleId :

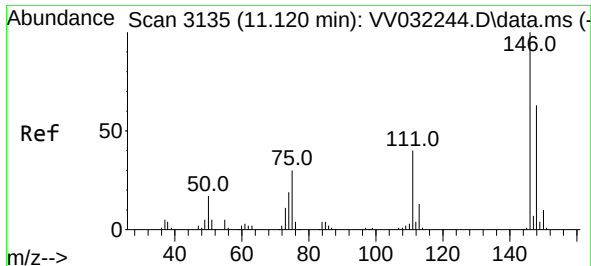
Tgt Ion:105 Resp: 141354
Ion Ratio Lower Upper
105 100
120 49.0 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 4.712 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Tgt Ion:105 Resp: 142906
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.4

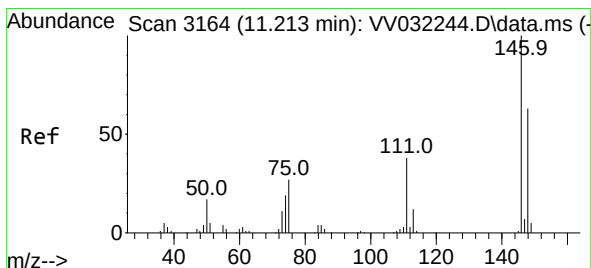
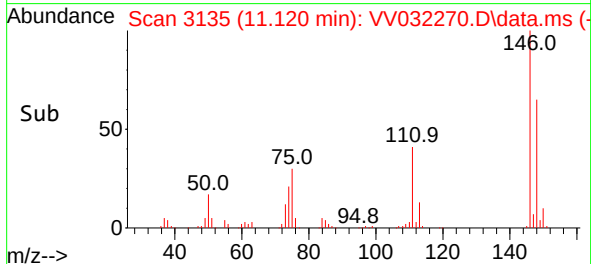
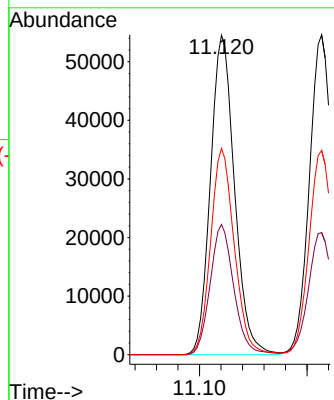
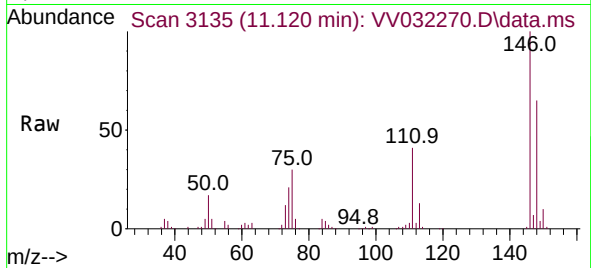




#64
1,3-Dichlorobenzene
Concen: 4.752 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

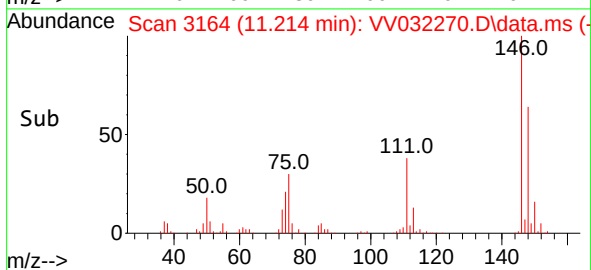
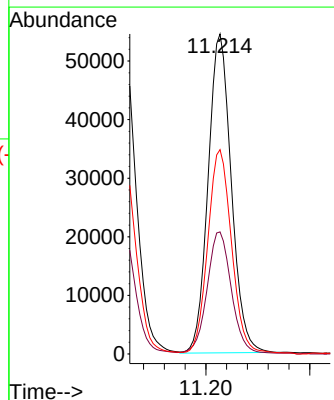
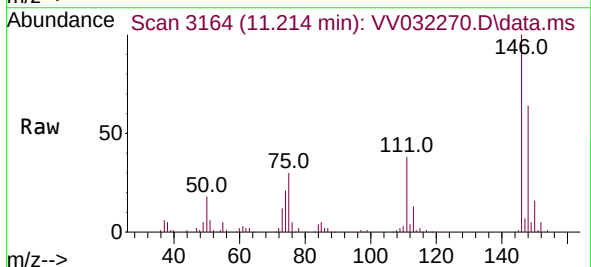
Instrument :
MSVOA_V
ClientSampleId :

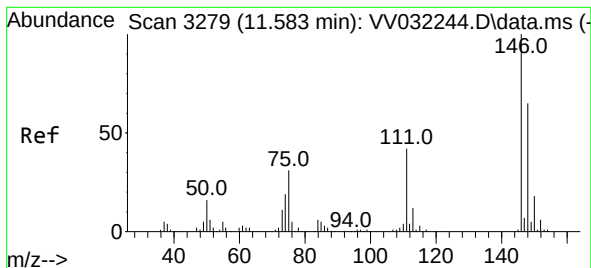
Tgt Ion:146 Resp: 84851
Ion Ratio Lower Upper
146 100
111 40.8 27.8 51.6
148 64.6 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.695 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032270.D
Acq: 05 Oct 2023 21:01

Tgt Ion:146 Resp: 84117
Ion Ratio Lower Upper
146 100
111 38.2 26.9 49.9
148 63.8 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.860 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032270.D

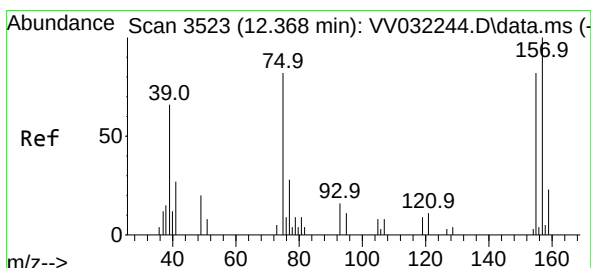
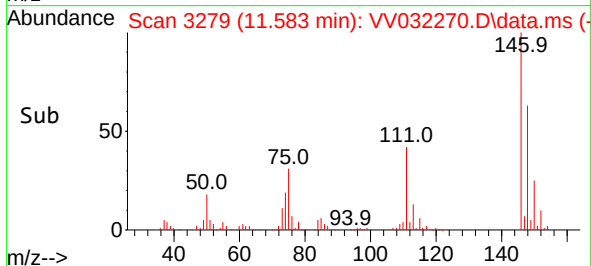
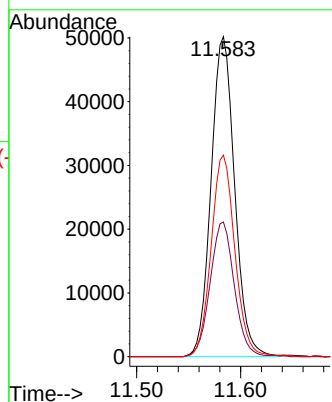
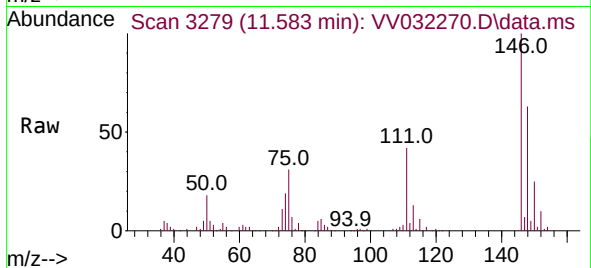
Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	79146
Ion Ratio	Lower	Upper
146	100	
111	42.1	32.8 49.2
148	63.0	51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.524 ug/L

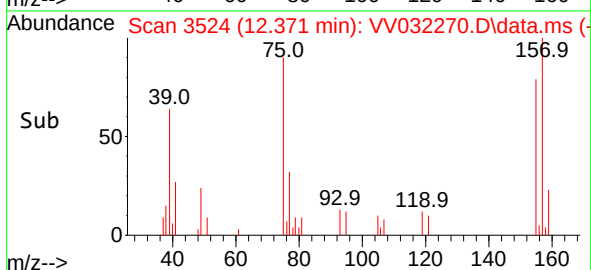
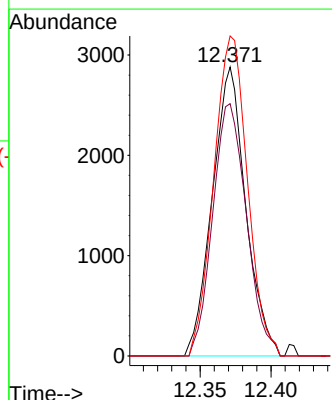
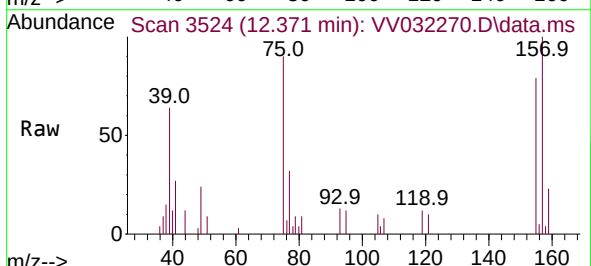
RT: 12.371 min Scan# 3524

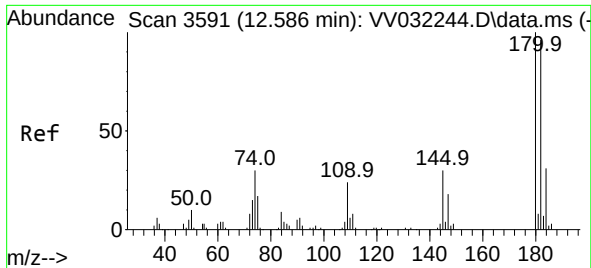
Delta R.T. 0.003 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

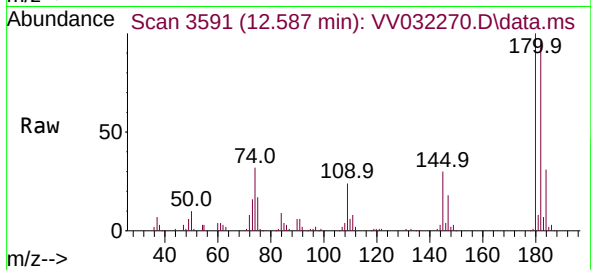
Tgt Ion: 75	Resp:	4732
Ion Ratio	Lower	Upper
75	100	
155	87.3	70.2 105.4
157	110.7	90.6 135.8



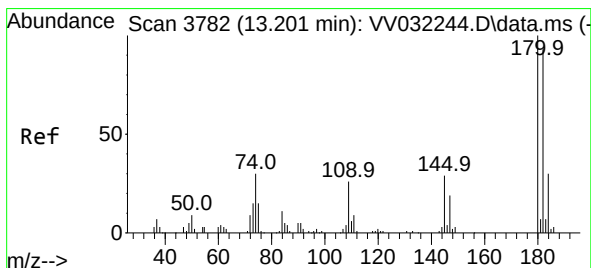
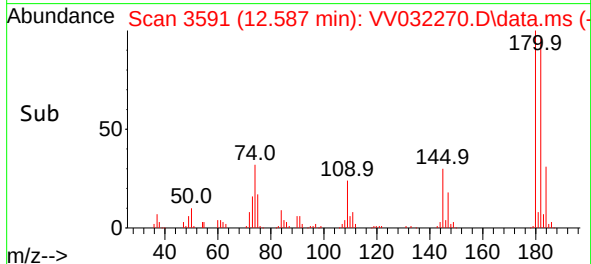
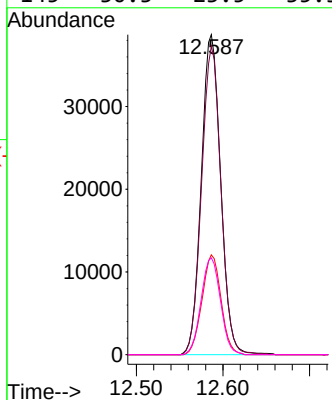


#69
 1,3,5-Trichlorobenzene
 Concen: 4.597 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

Instrument :
 MSVOA_V
 ClientSampleId :

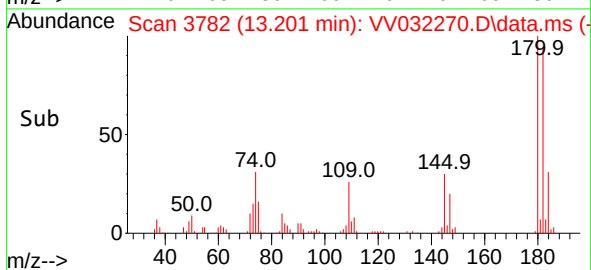
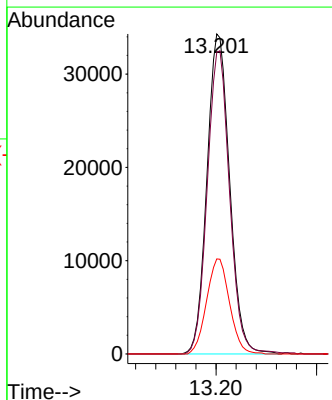
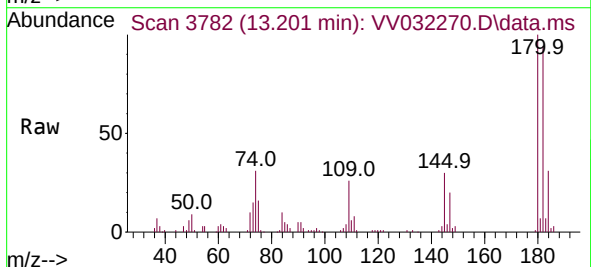


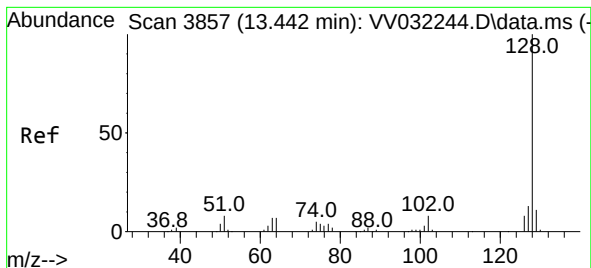
Tgt Ion:180 Resp: 60117
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.6 112.0
 184 30.7 24.1 36.1
 145 30.3 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.631 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032270.D
 Acq: 05 Oct 2023 21:01

Tgt Ion:180 Resp: 53711
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.5 114.7
 145 30.0 24.3 36.5





#71

Naphthalene

Concen: 4.718 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Instrument :

MSVOA_V

ClientSampleId :

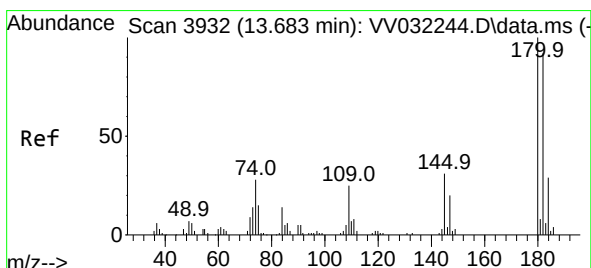
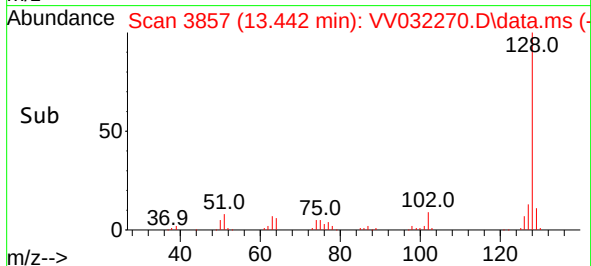
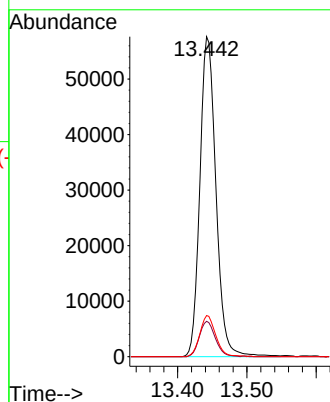
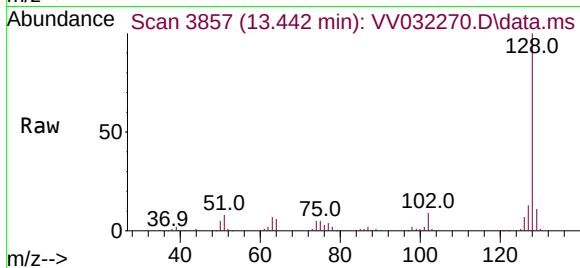
Tgt Ion:128 Resp: 92957

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 12.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.825 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032270.D

Acq: 05 Oct 2023 21:01

Tgt Ion:180 Resp: 48222

Ion Ratio Lower Upper

180 100

182 93.8 77.0 115.4

145 31.9 25.7 38.5

