

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100423\
 Data File : VW032242.D
 Acq On : 04 Oct 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:45:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	98405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	99792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36298	4.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.532	69	31738	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.060	65	15010	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.802	46	101703	50.235	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.480%
24) Chloroform-d	4.256	84	69917	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.947	65	33909	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.963	84	134277	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.995	67	43181	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.246	98	123125	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.558	79	15434	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.031	63	78623	48.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33732	4.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	44891	4.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	54559	4.975	ug/L	100
3) Chloromethane	1.217	50	54289	4.911	ug/L	99
5) Vinyl chloride	1.282	62	52434	4.973	ug/L	100
6) Bromomethane	1.487	94	30506	4.790	ug/L	99
8) Chloroethane	1.548	64	31602	4.979	ug/L	97
9) Trichlorofluoromethane	1.712	101	64520	5.103	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38506	5.026	ug/L	99
12) 1,1-Dichloroethene	2.069	96	35524	4.922	ug/L	95
13) Acetone	2.130	43	68579	43.949	ug/L	97
14) Carbon disulfide	2.240	76	117919	4.674	ug/L	99
15) Methyl Acetate	2.384	43	16811	4.786	ug/L	96
16) Methylene chloride	2.449	84	43959	4.672	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	93794	4.774	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	39306	4.755	ug/L	100
19) 1,1-Dichloroethane	3.114	63	75530	4.857	ug/L	99
21) 2-Butanone	3.886	43	112094	45.937	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	43153	4.848	ug/L	96
23) Bromochloromethane	4.153	128	18678	4.988	ug/L	98
25) Chloroform	4.281	83	73898	4.843	ug/L	96

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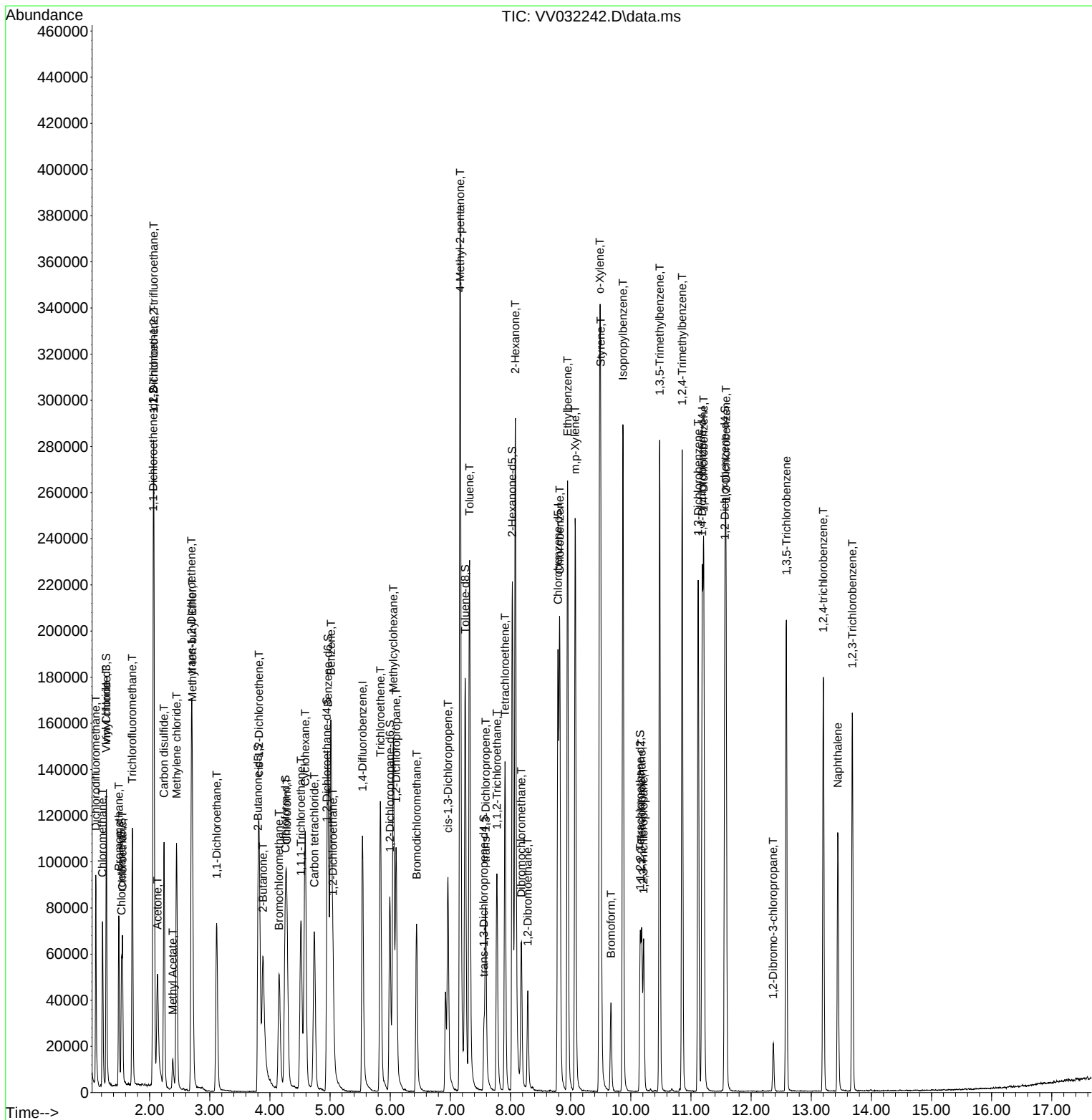
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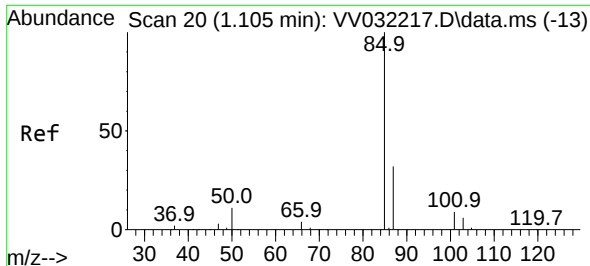
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	44413	4.927	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	61650	4.544	ug/L	97
30) Cyclohexane	4.587	56	63211	4.240	ug/L	100
31) Carbon tetrachloride	4.738	117	53810	4.687	ug/L	99
33) Benzene	5.015	78	163350	4.649	ug/L	100
34) Trichloroethene	5.838	95	46842	4.884	ug/L	98
35) Methylcyclohexane	6.053	83	66150	4.457	ug/L	96
37) 1,2-Dichloropropane	6.098	63	44109	4.694	ug/L	99
38) Bromodichloromethane	6.439	83	52780	4.727	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	60836	4.550	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	281652	47.367	ug/L	98
42) Toluene	7.320	91	172149	4.596	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	48816	4.442	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	30451	4.594	ug/L	99
47) Tetrachloroethene	7.908	164	31926	4.389	ug/L	96
48) 2-Hexanone	8.082	43	197174	46.999	ug/L	98
49) Dibromochloromethane	8.182	129	32508	4.711	ug/L	99
50) 1,2-Dibromoethane	8.288	107	29575	4.717	ug/L	95
51) Chlorobenzene	8.818	112	109585	4.544	ug/L	99
52) Ethylbenzene	8.950	91	185754	4.454	ug/L	98
53) m,p-Xylene	9.075	106	70026	4.527	ug/L	97
54) o-Xylene	9.484	106	68993	4.629	ug/L	95
55) Styrene	9.500	104	119342	4.741	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	33908	4.649	ug/L	97
59) Bromoform	9.670	173	17623	4.623	ug/L	100
60) Isopropylbenzene	9.870	105	184322	4.525	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	26234	4.702	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	147898	4.454	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	148111	4.481	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	86561	4.448	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	88953	4.556	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	80637	4.543	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	5024	4.407	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	61503	4.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	53054	4.197	ug/L	98
71) Naphthalene	13.442	128	86192	4.014	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	47935	4.401	ug/L	99

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

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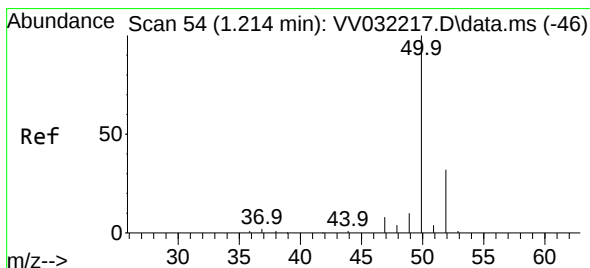
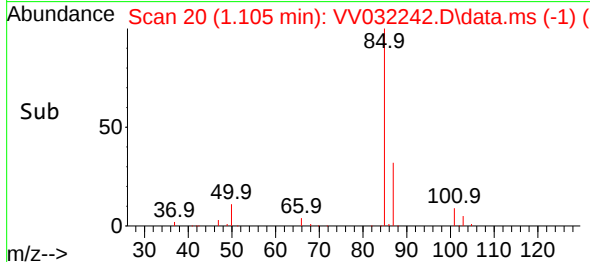
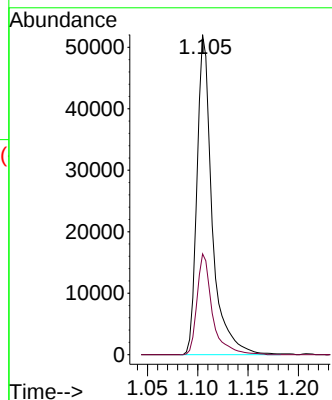
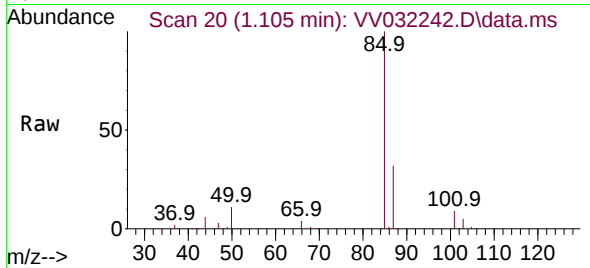




#2
 Dichlorodifluoromethane
 Concen: 4.975 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032242.D
 Acq: 04 Oct 2023 20:19

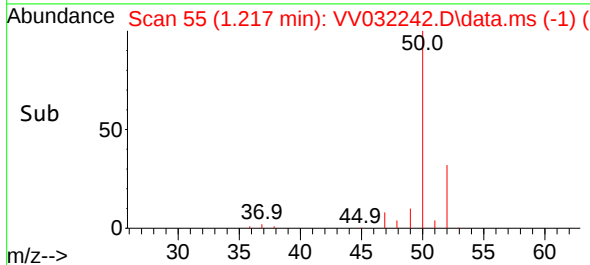
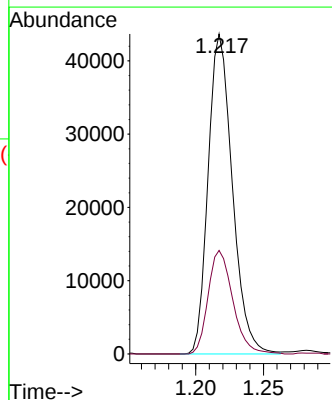
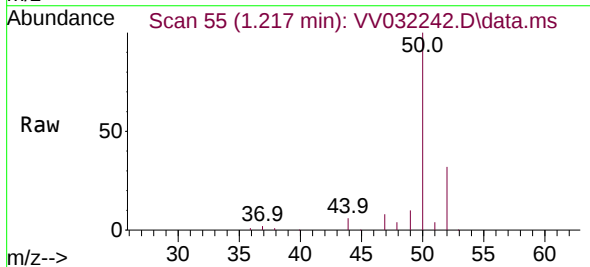
Instrument :
 MSVOA_V
 ClientSampleId :

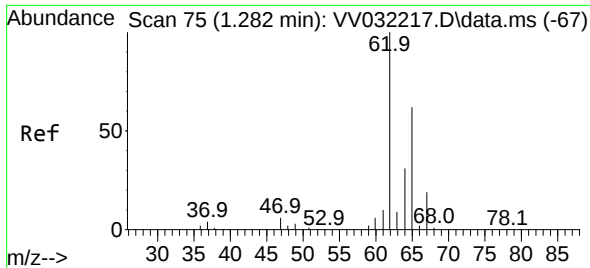
Tgt Ion: 85 Resp: 54559
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.5 38.3



#3
 Chloromethane
 Concen: 4.911 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032242.D
 Acq: 04 Oct 2023 20:19

Tgt Ion: 50 Resp: 54289
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.6

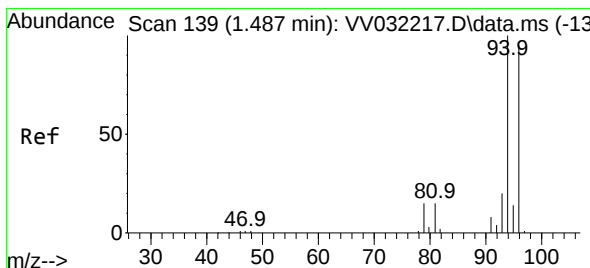
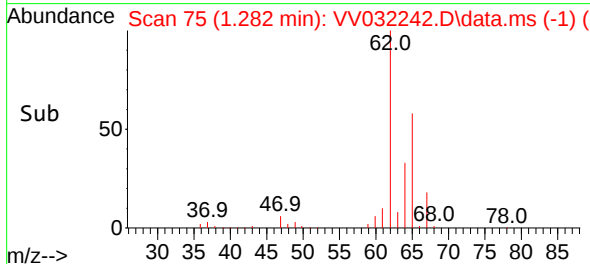
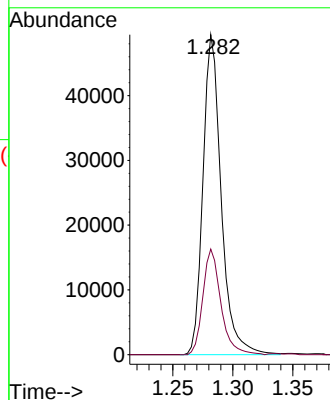
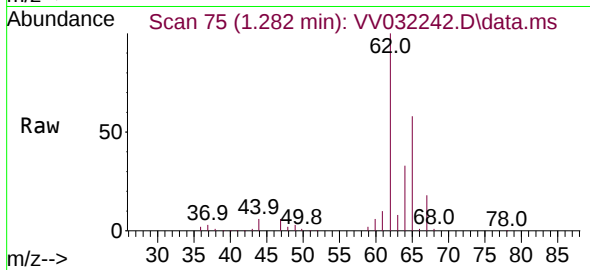




#5
 Vinyl chloride
 Concen: 4.973 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032242.D
 Acq: 04 Oct 2023 20:19

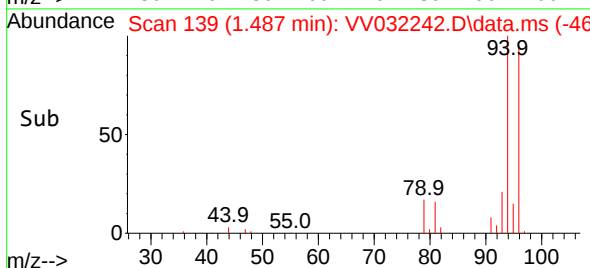
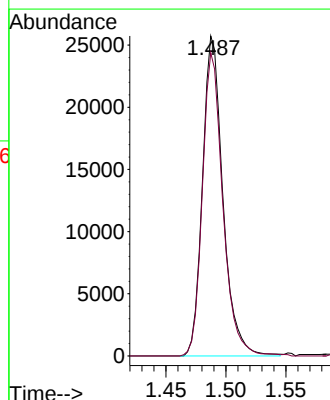
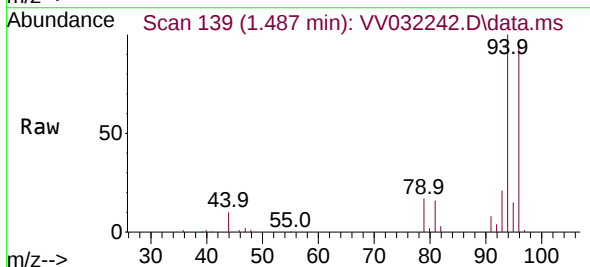
Instrument :
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 ClientSampleId :

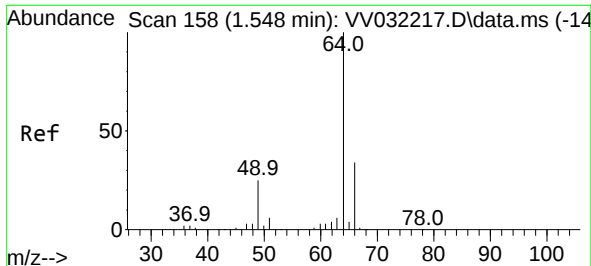
Tgt Ion: 62 Resp: 52434
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 4.790 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032242.D
 Acq: 04 Oct 2023 20:19

Tgt Ion: 94 Resp: 30506
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.8 124.2





#8

Chloroethane

Concen: 4.979 ug/L

RT: 1.548 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

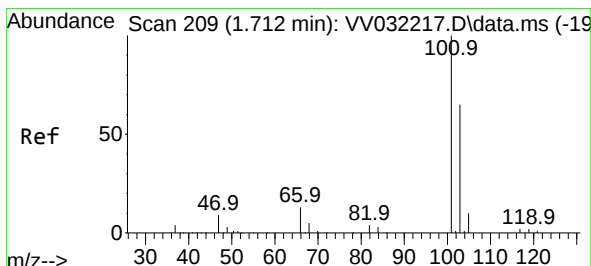
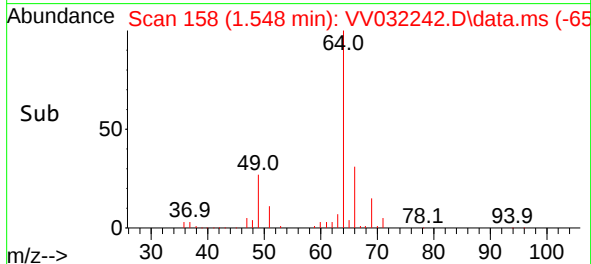
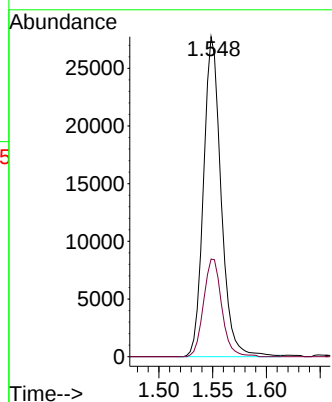
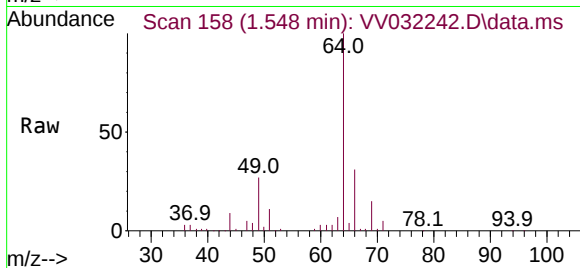
ClientSampleId :

Tgt Ion: 64 Resp: 31602

Ion Ratio Lower Upper

64 100

66 30.5 22.6 42.0



#9

Trichlorofluoromethane

Concen: 5.103 ug/L

RT: 1.712 min Scan# 209

Delta R.T. 0.000 min

Lab File: VV032242.D

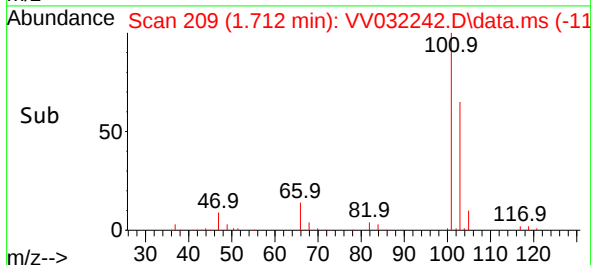
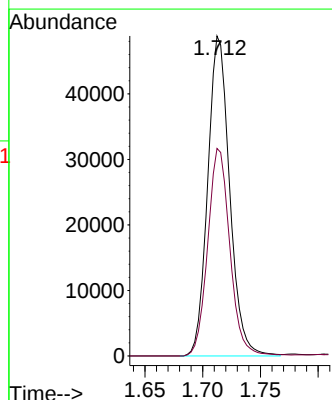
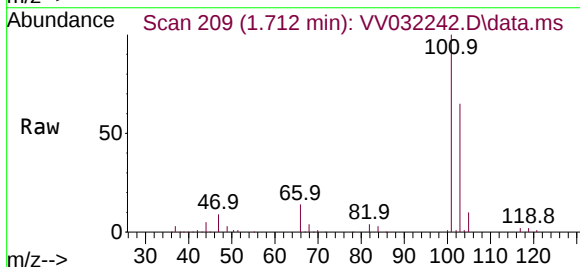
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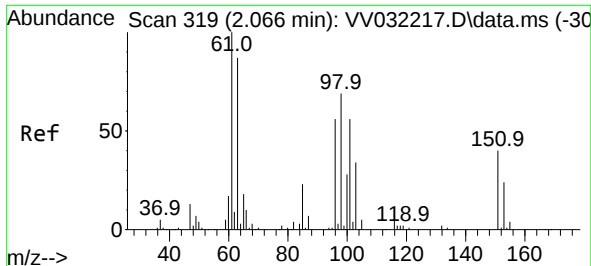
Tgt Ion:101 Resp: 64520

Ion Ratio Lower Upper

101 100

103 65.5 51.4 77.2

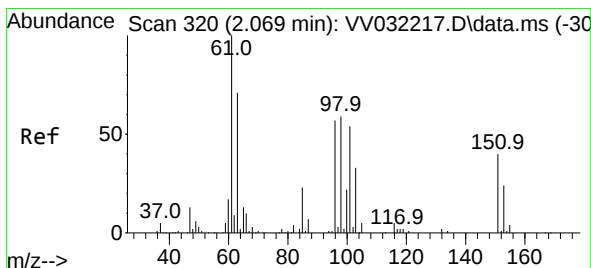
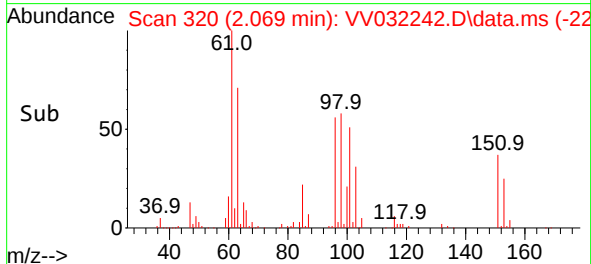
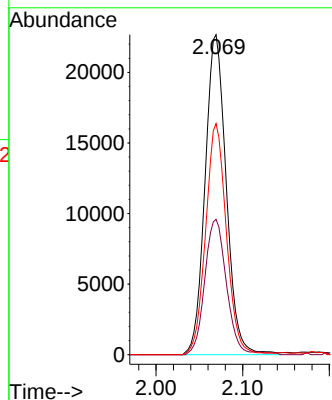
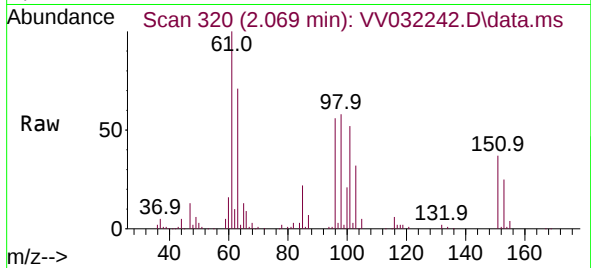




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.026 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

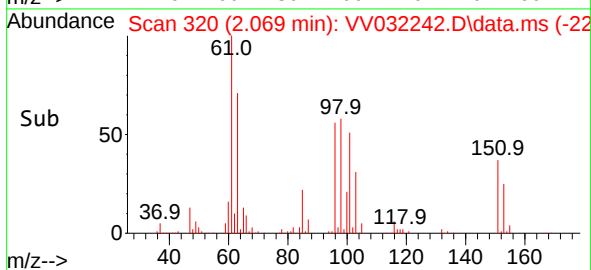
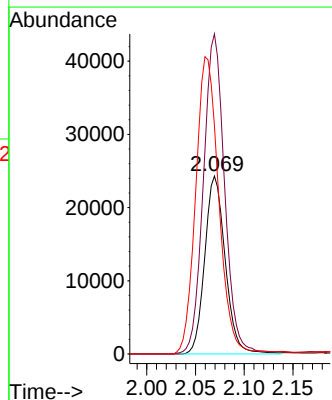
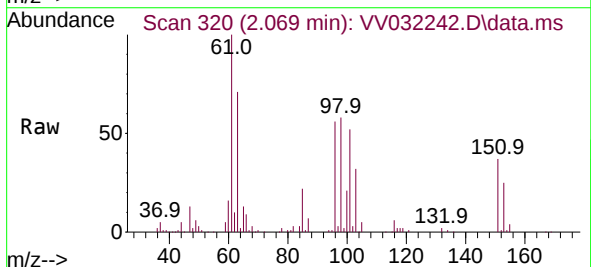
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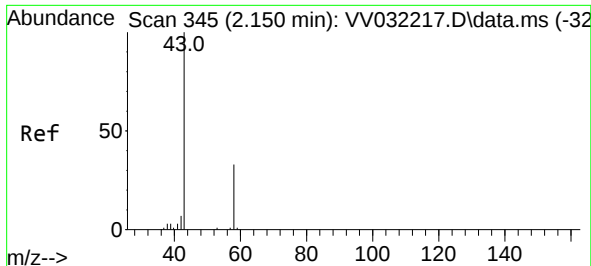
Tgt Ion:101 Resp: 38506
Ion Ratio Lower Upper
101 100
85 42.8 35.0 52.6
151 70.8 56.6 84.8



#12
1,1-Dichloroethene
Concen: 4.922 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 96 Resp: 35524
Ion Ratio Lower Upper
96 100
61 179.9 127.3 236.3
63 128.3 98.3 182.7





#13

Acetone

Concen: 43.949 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

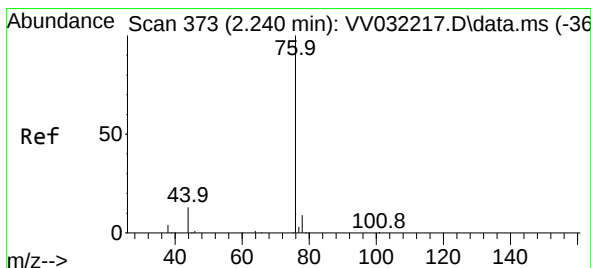
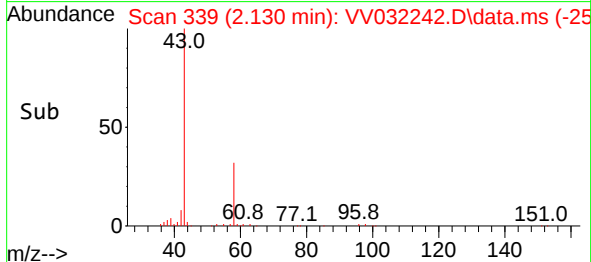
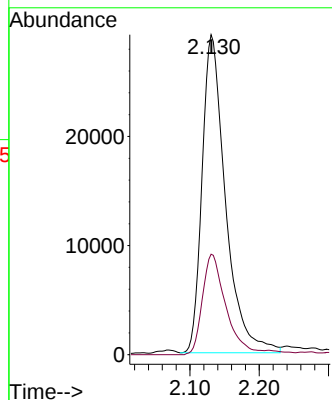
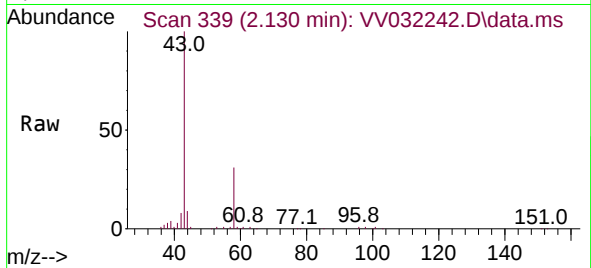
ClientSampleId :

Tgt Ion: 43 Resp: 68579

Ion Ratio Lower Upper

43 100

58 31.5 0.0 66.0



#14

Carbon disulfide

Concen: 4.674 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032242.D

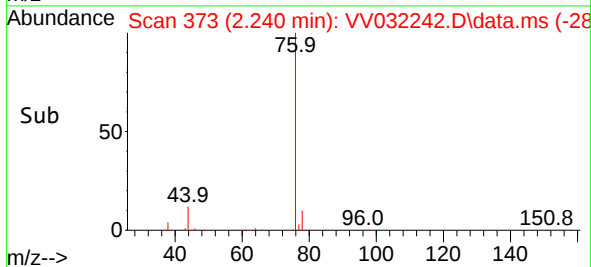
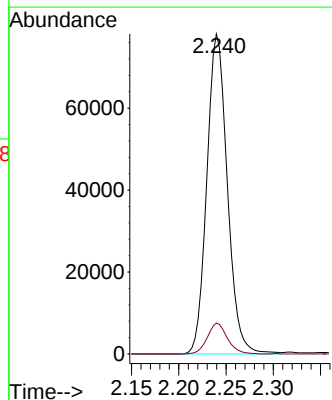
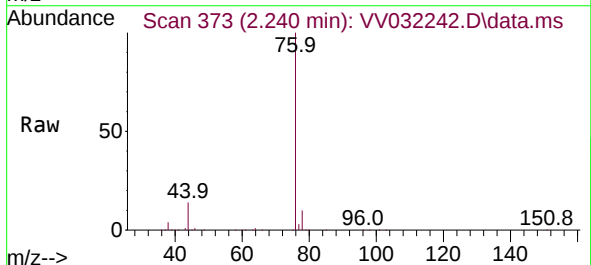
Acq: 04 Oct 2023 20:19

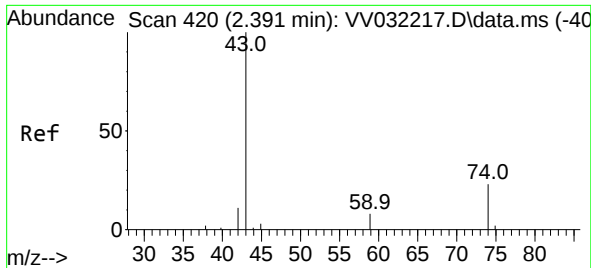
Tgt Ion: 76 Resp: 117919

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

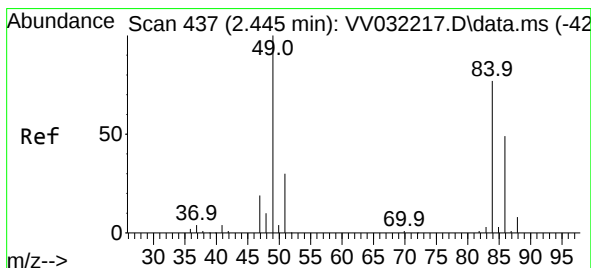
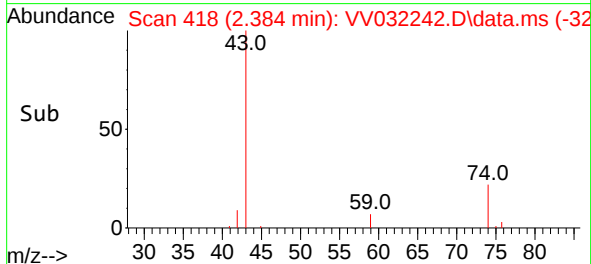
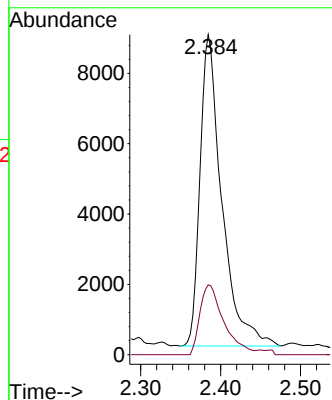
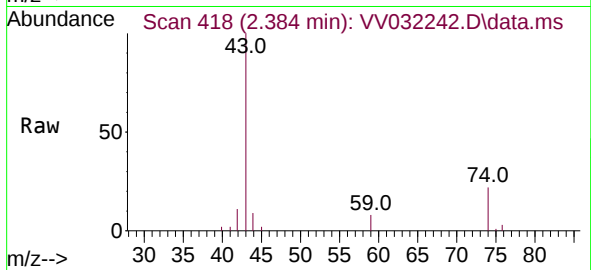




#15
Methyl Acetate
Concen: 4.786 ug/L
RT: 2.384 min Scan# 411
Delta R.T. -0.006 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

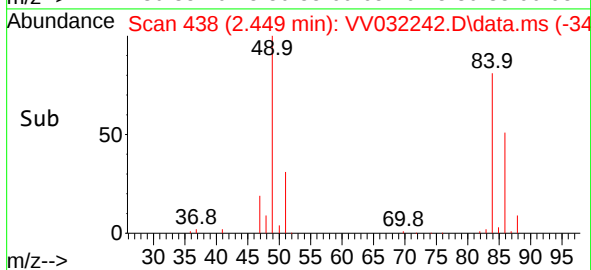
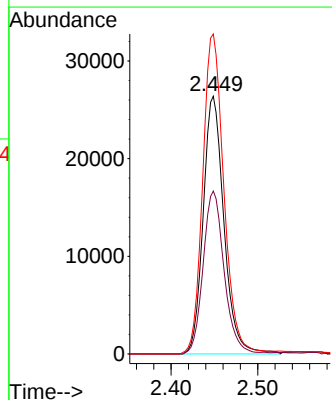
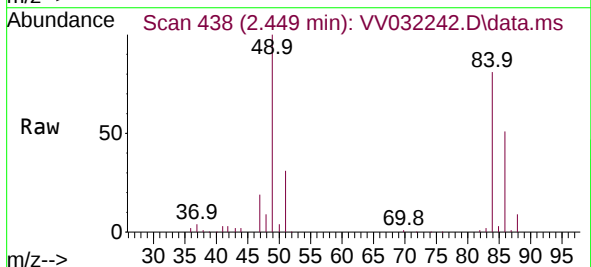
Instrument :
MSVOA_V
ClientSampleId :

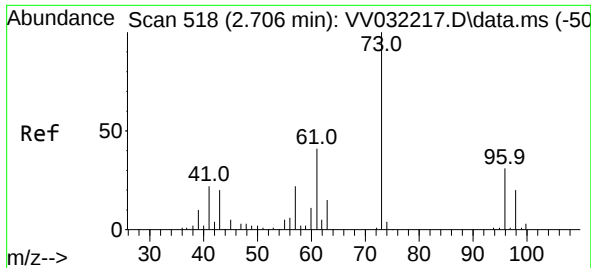
Tgt Ion: 43 Resp: 16811
Ion Ratio Lower Upper
43 100
74 24.5 18.0 27.0



#16
Methylene chloride
Concen: 4.672 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 84 Resp: 43959
Ion Ratio Lower Upper
84 100
86 63.2 43.2 80.2
49 124.1 86.3 160.3

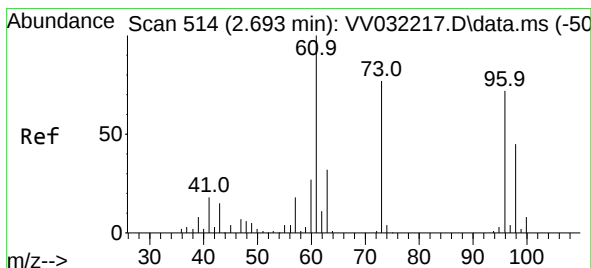
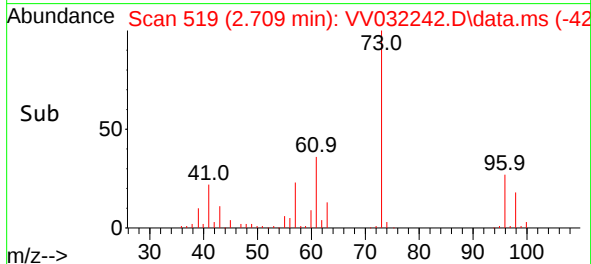
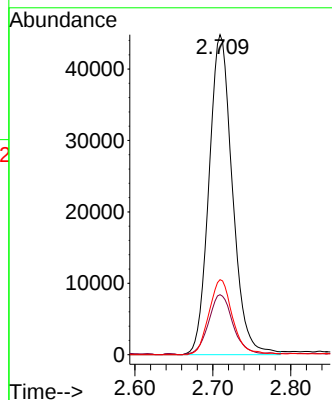
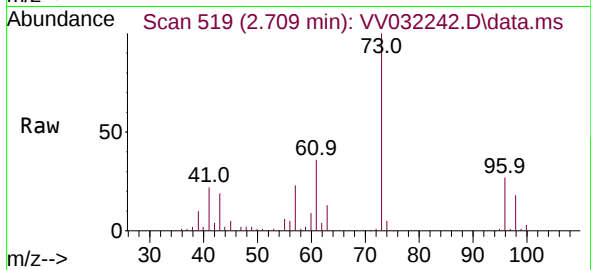




#17
Methyl tert-butyl Ether
Concen: 4.774 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

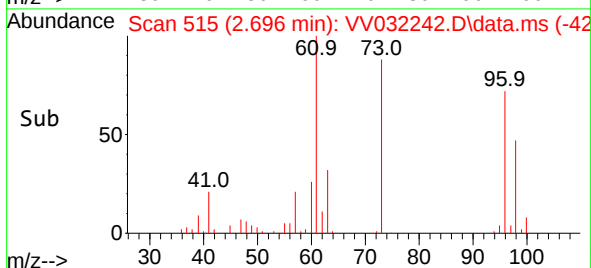
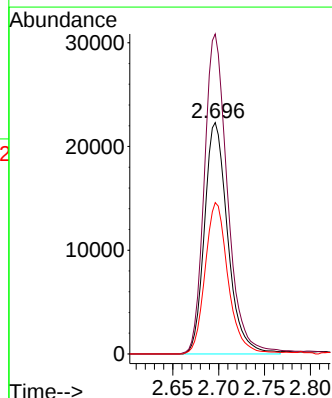
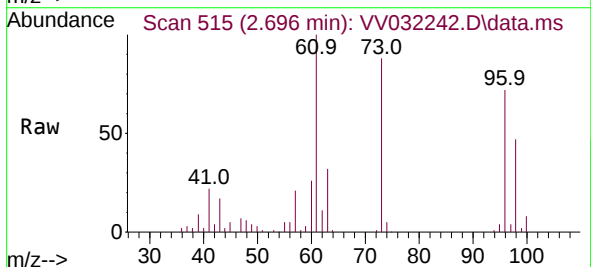
Instrument :
MSVOA_V
ClientSampleId :

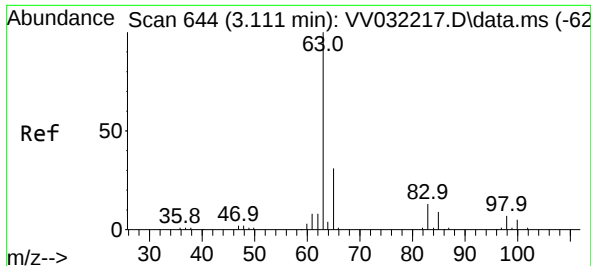
Tgt Ion: 73 Resp: 93794
Ion Ratio Lower Upper
73 100
43 19.6 15.1 22.7
57 23.4 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.755 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 96 Resp: 39306
Ion Ratio Lower Upper
96 100
61 138.4 96.9 180.1
98 65.5 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.857 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

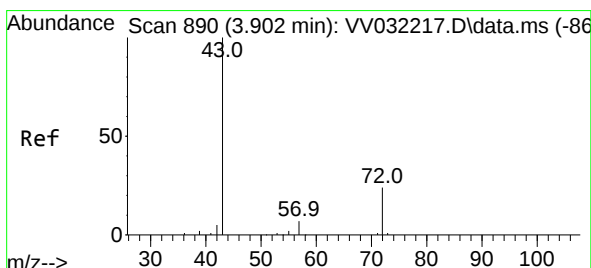
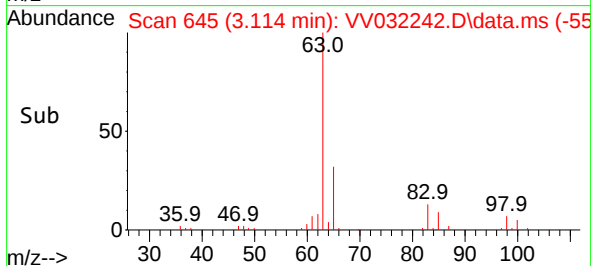
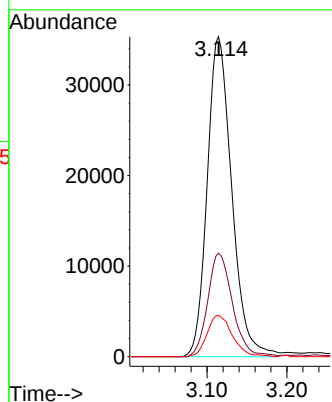
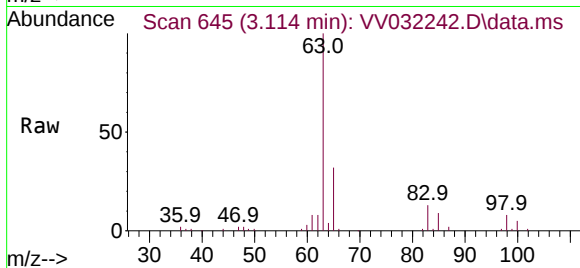
Tgt Ion: 63 Resp: 75530

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 12.9 9.0 16.6



#21

2-Butanone

Concen: 45.937 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.016 min

Lab File: VV032242.D

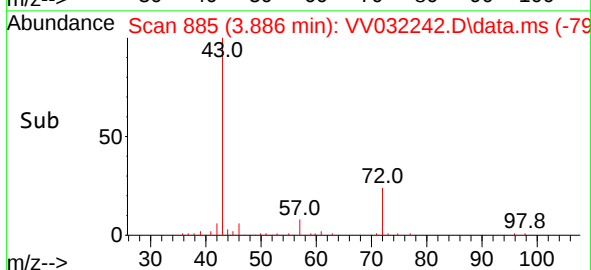
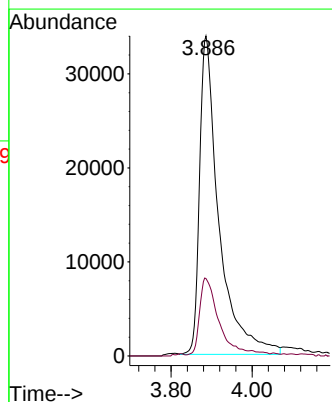
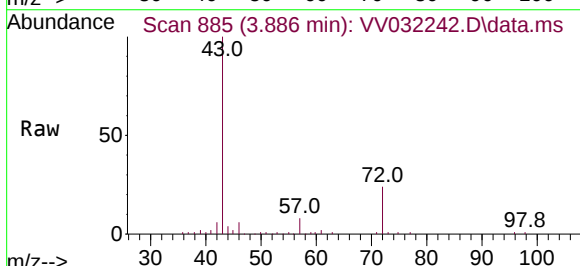
Acq: 04 Oct 2023 20:19

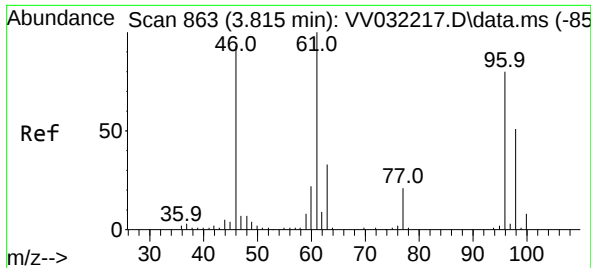
Tgt Ion: 43 Resp: 112094

Ion Ratio Lower Upper

43 100

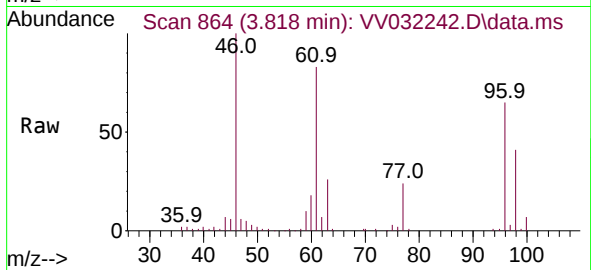
72 23.1 11.6 34.8





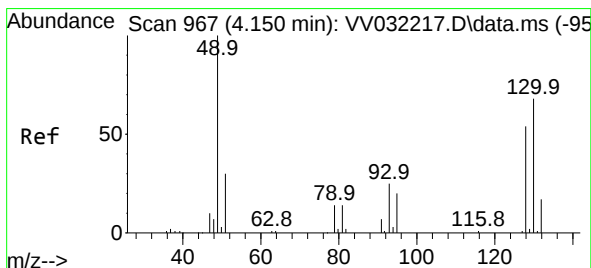
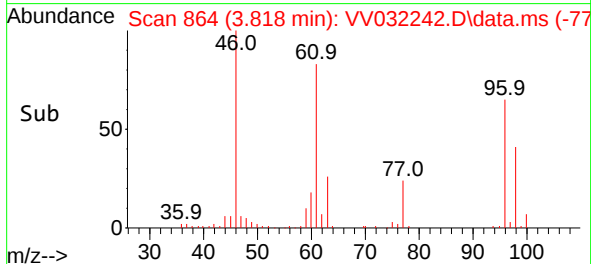
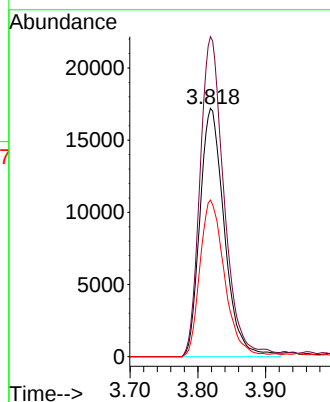
#22
 cis-1,2-Dichloroethene
 Concen: 4.848 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032242.D
 Acq: 04 Oct 2023 20:19

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 43153

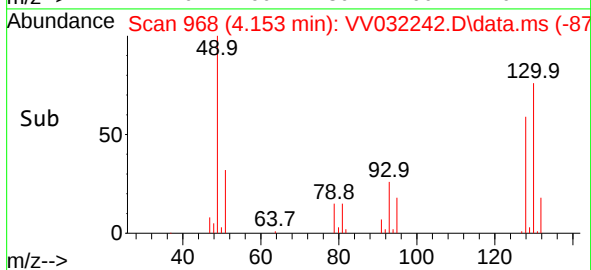
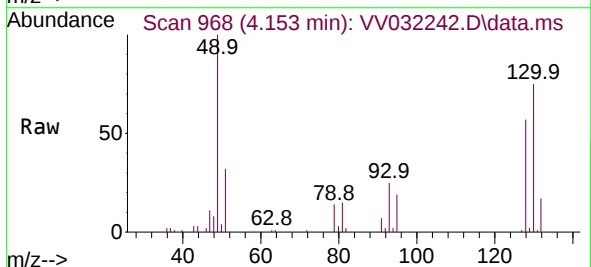
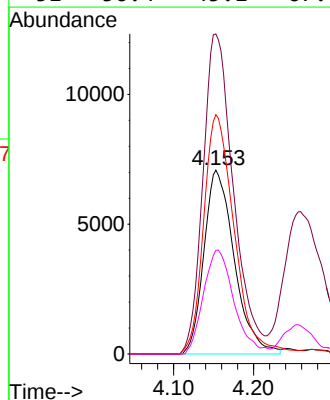
Ion	Ratio	Lower	Upper
96	100		
61	128.9	85.8	159.4
98	63.1	44.0	81.6

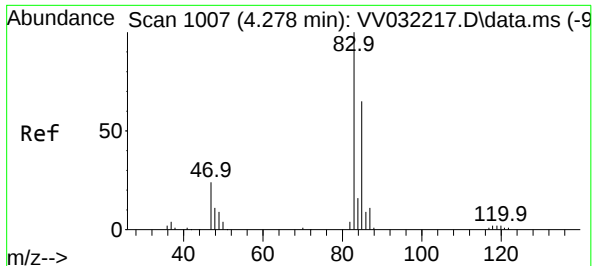


#23
 Bromochloromethane
 Concen: 4.988 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032242.D
 Acq: 04 Oct 2023 20:19

Tgt Ion: 128 Resp: 18678

Ion	Ratio	Lower	Upper
128	100		
49	174.0	121.2	225.0
130	130.1	88.2	163.8
51	56.4	45.1	67.7

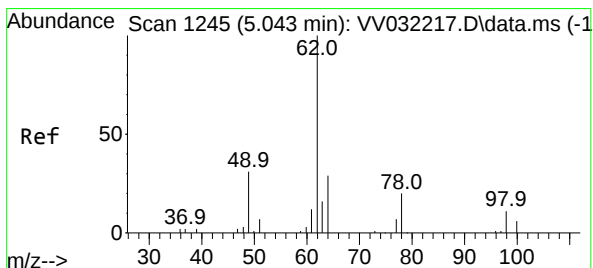
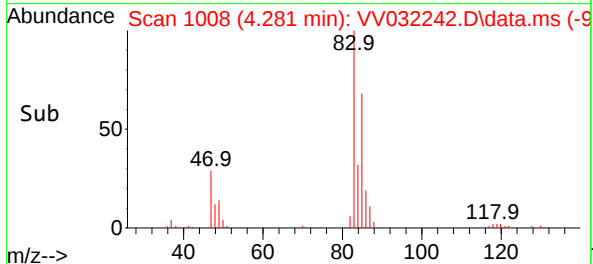
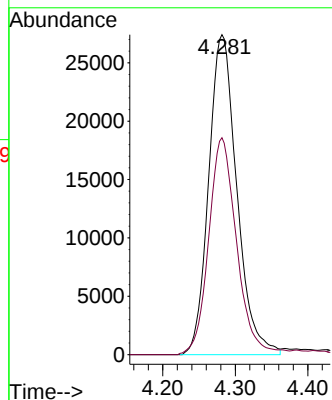
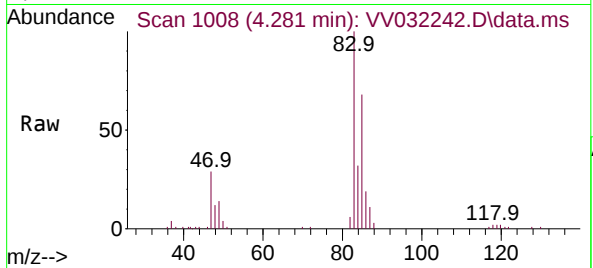




#25
Chloroform
Concen: 4.843 ug/L
RT: 4.281 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

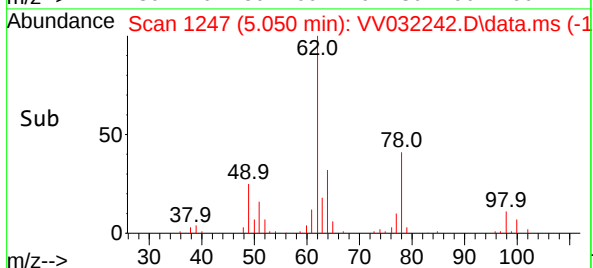
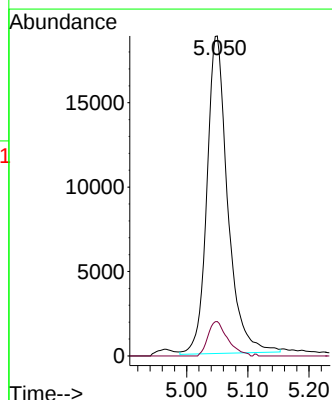
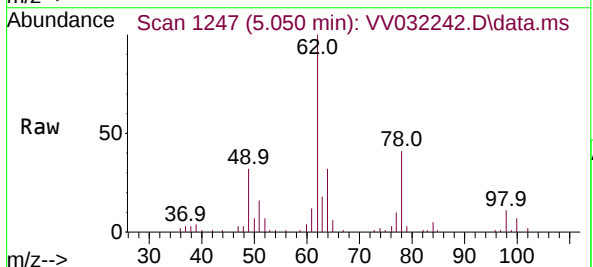
Instrument :
MSVOA_V
ClientSampleId :

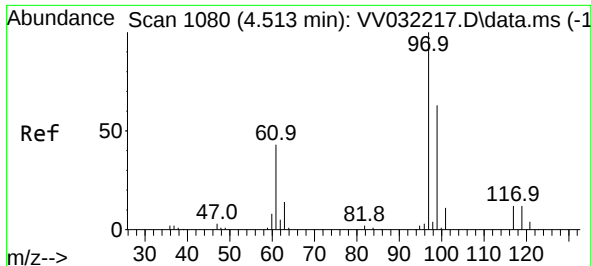
Tgt Ion: 83 Resp: 73898
Ion Ratio Lower Upper
83 100
85 67.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 4.927 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.006 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 62 Resp: 44413
Ion Ratio Lower Upper
62 100
98 10.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.544 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

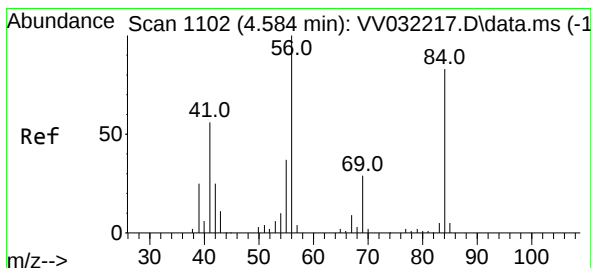
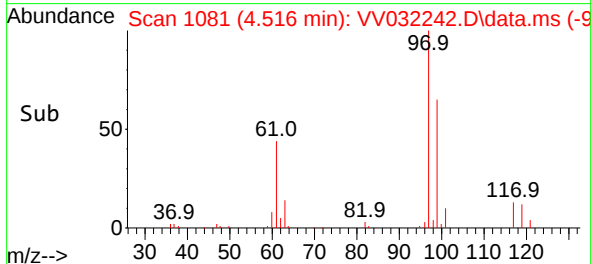
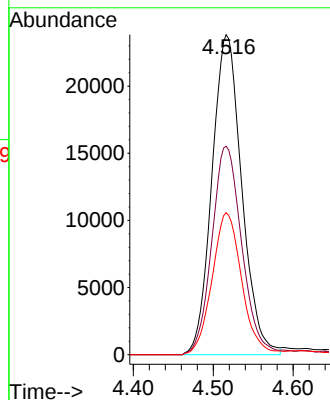
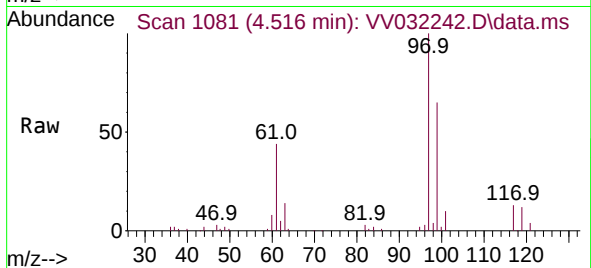
Tgt Ion: 97 Resp: 61650

Ion Ratio Lower Upper

97 100

99 66.1 50.1 75.1

61 44.2 35.1 52.7



#30

Cyclohexane

Concen: 4.240 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

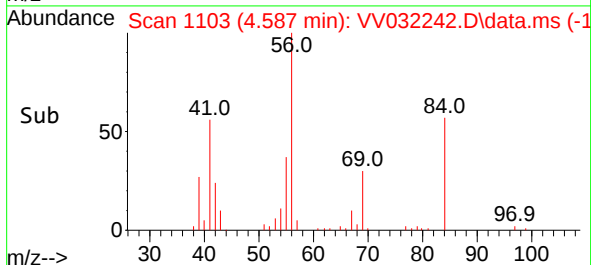
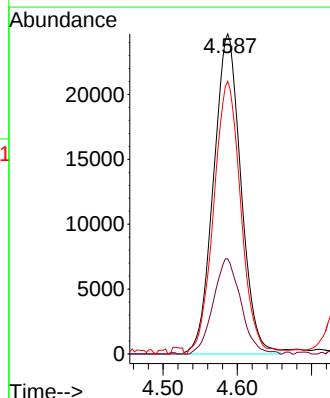
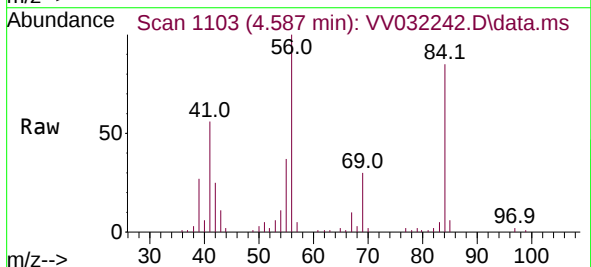
Tgt Ion: 56 Resp: 63211

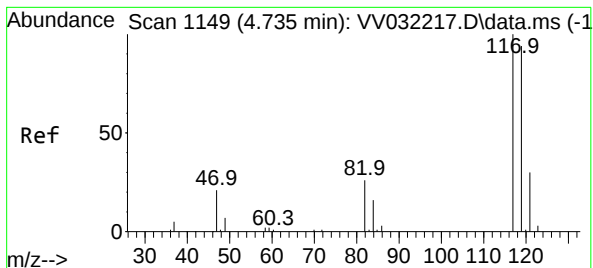
Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

84 84.9 68.1 102.1





#31

Carbon tetrachloride

Concen: 4.687 ug/L

RT: 4.738 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

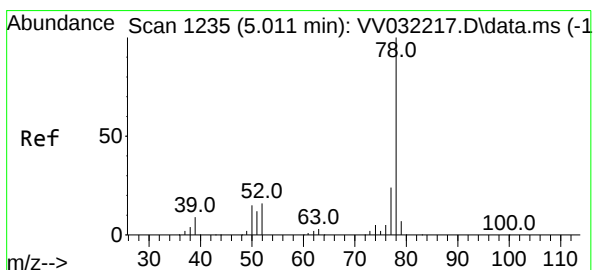
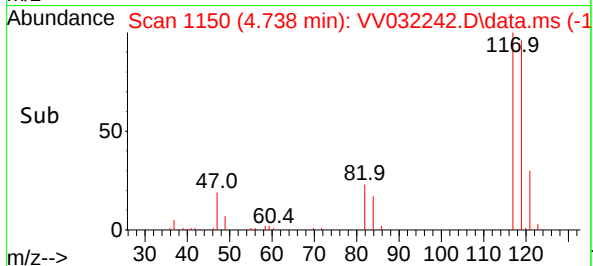
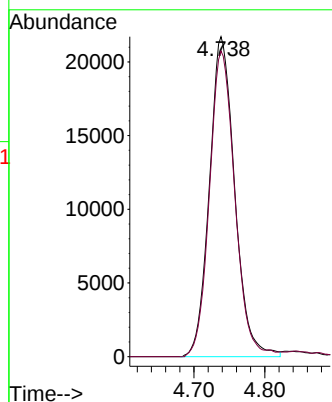
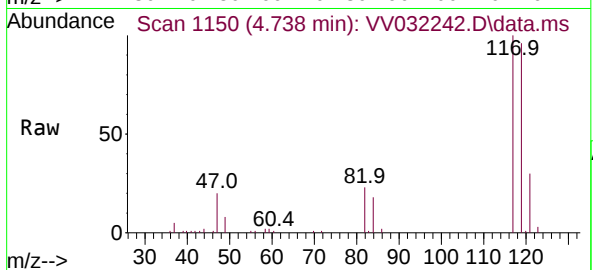
ClientSampleId :

Tgt Ion:117 Resp: 53810

Ion Ratio Lower Upper

117 100

119 95.6 77.6 116.4



#33

Benzene

Concen: 4.649 ug/L

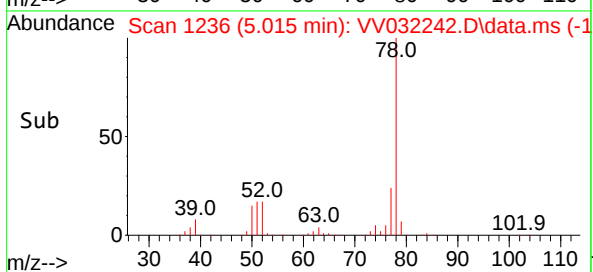
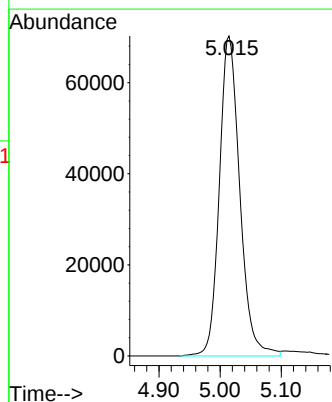
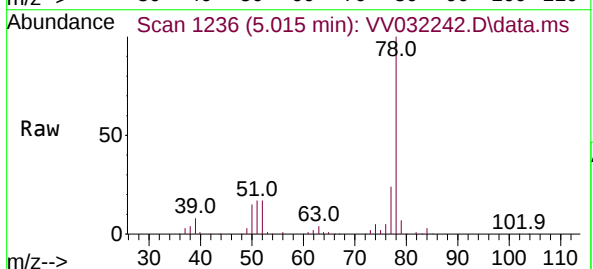
RT: 5.015 min Scan# 1236

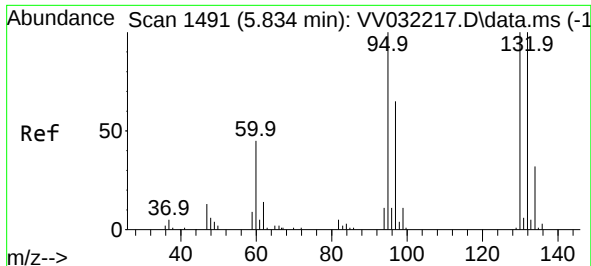
Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Tgt Ion: 78 Resp: 163350

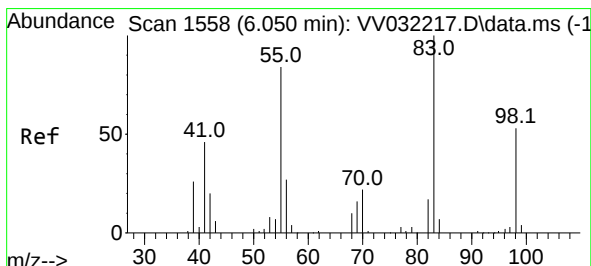
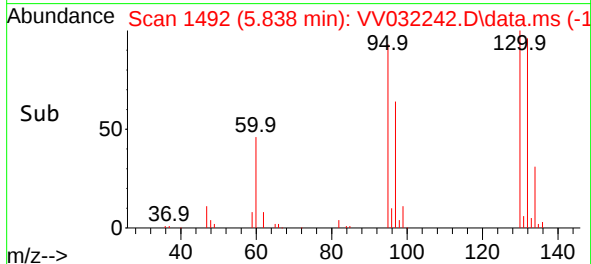
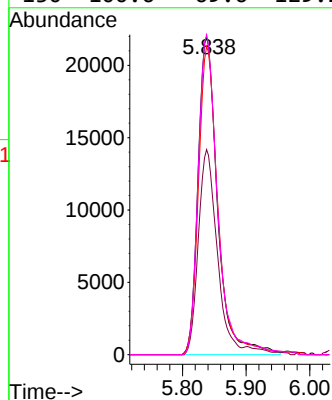
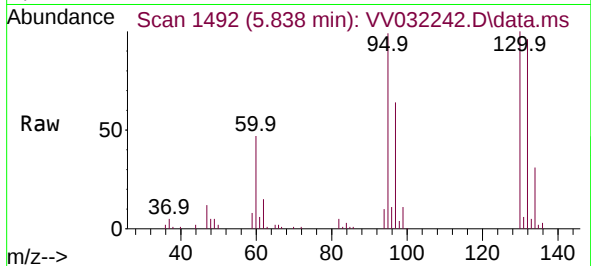




#34
Trichloroethene
Concen: 4.884 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

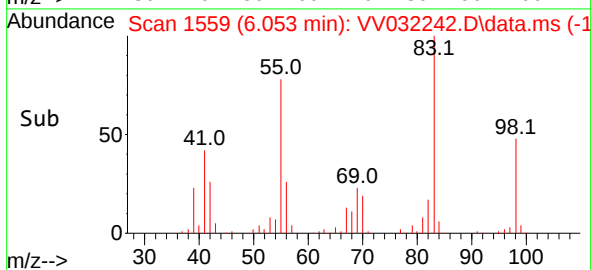
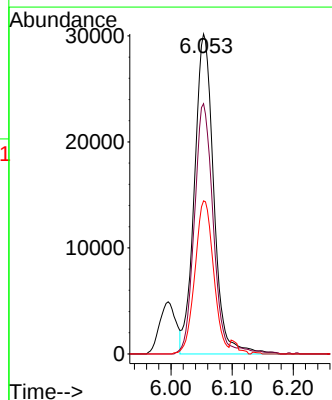
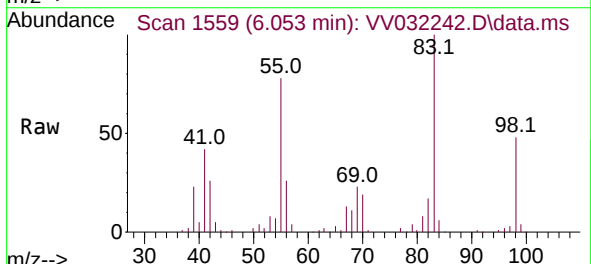
Instrument :
MSVOA_V
ClientSampleId :

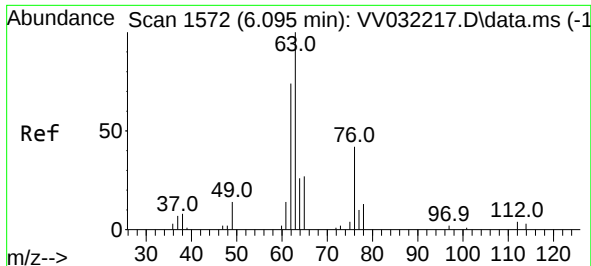
Tgt Ion: 95 Resp: 46842
Ion Ratio Lower Upper
95 100
97 64.5 45.7 84.9
132 96.9 70.3 130.5
130 100.6 69.6 129.2



#35
Methylcyclohexane
Concen: 4.457 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 83 Resp: 66150
Ion Ratio Lower Upper
83 100
55 76.7 64.2 96.2
98 46.2 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.694 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

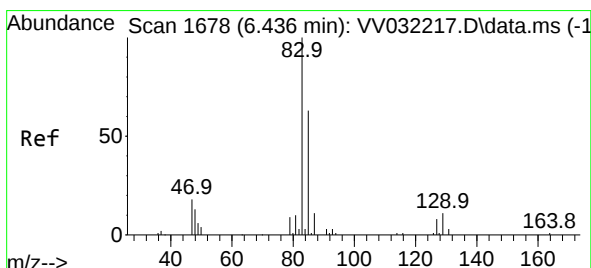
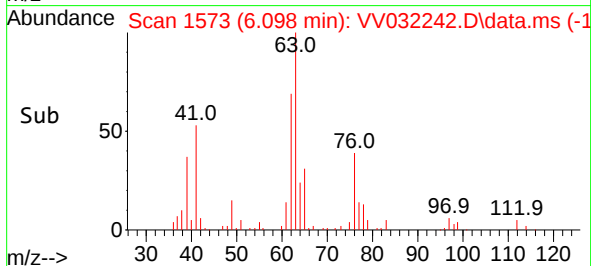
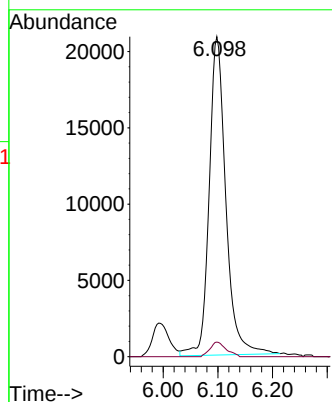
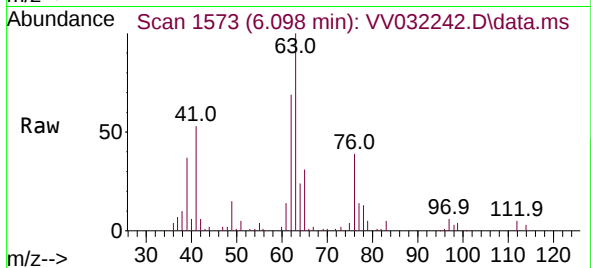
ClientSampleId :

Tgt Ion: 63 Resp: 44109

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 4.727 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

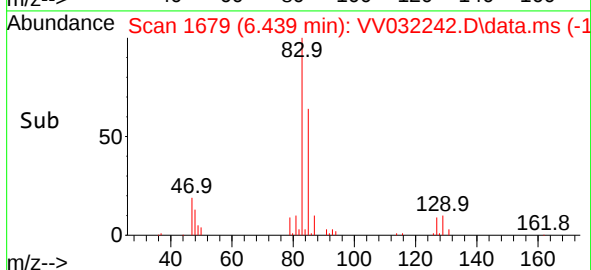
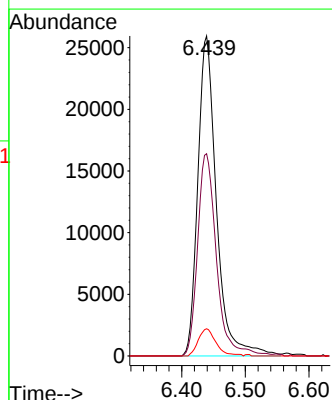
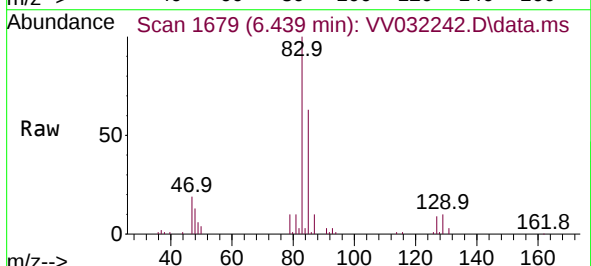
Tgt Ion: 83 Resp: 52780

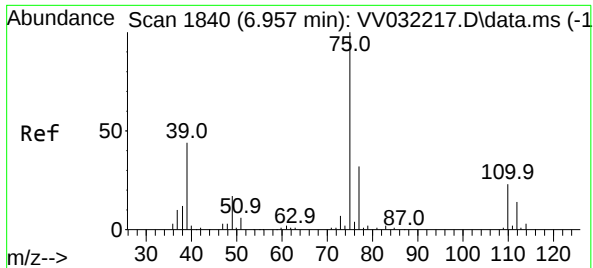
Ion Ratio Lower Upper

83 100

85 63.2 44.9 83.3

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.550 ug/L

RT: 6.960 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

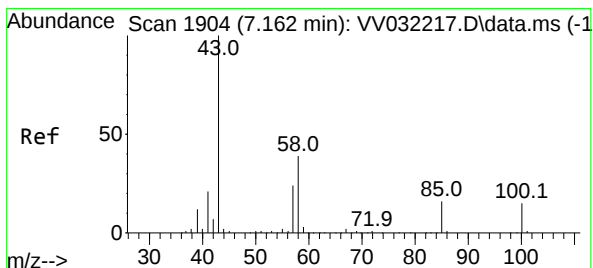
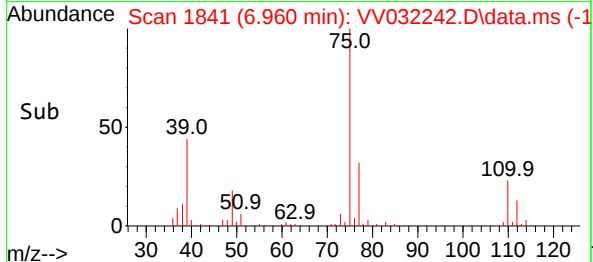
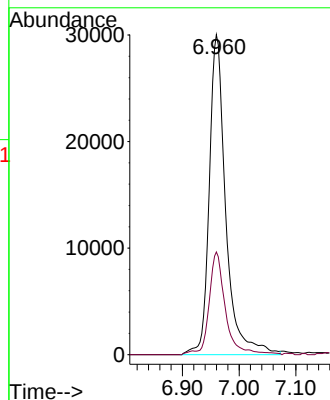
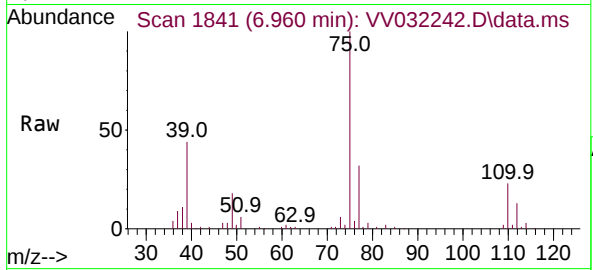
ClientSampleId :

Tgt Ion: 75 Resp: 60836

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 47.367 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

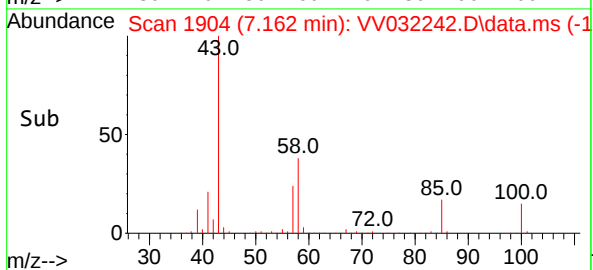
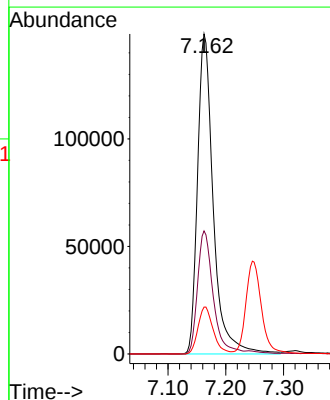
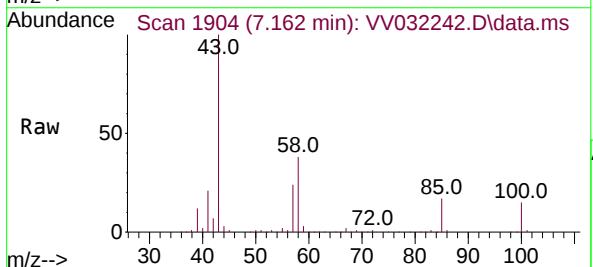
Tgt Ion: 43 Resp: 281652

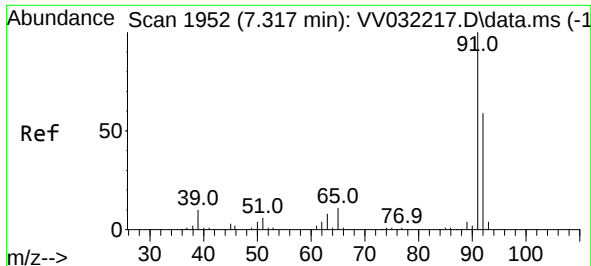
Ion Ratio Lower Upper

43 100

58 38.1 31.9 47.9

100 14.2 11.3 16.9





#42

Toluene

Concen: 4.596 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

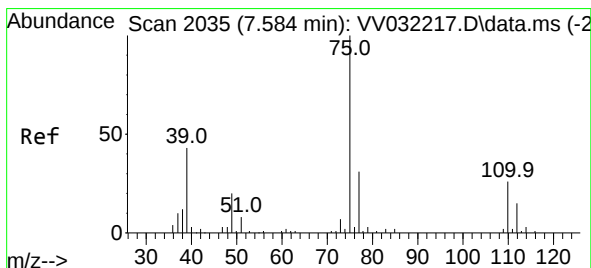
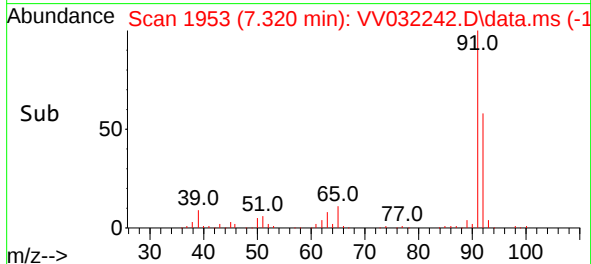
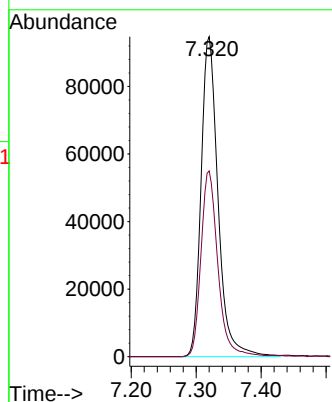
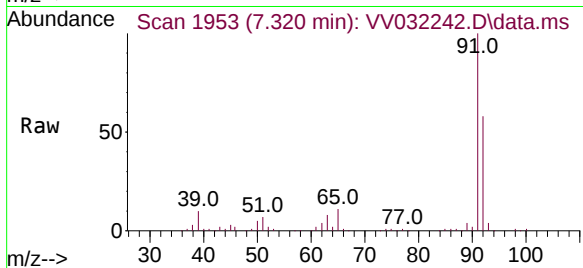
ClientSampleId :

Tgt Ion: 91 Resp: 172149

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.442 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032242.D

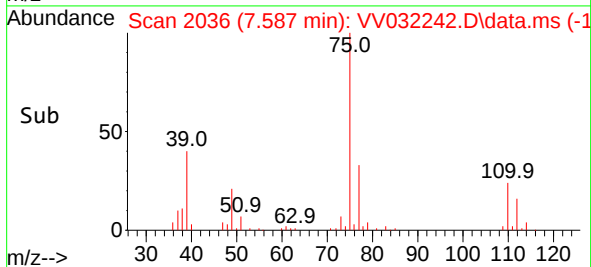
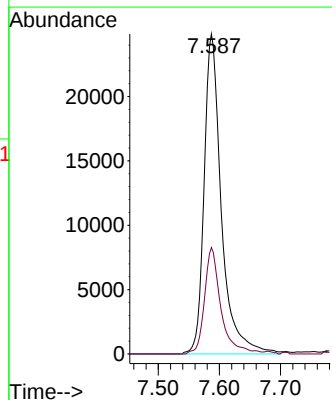
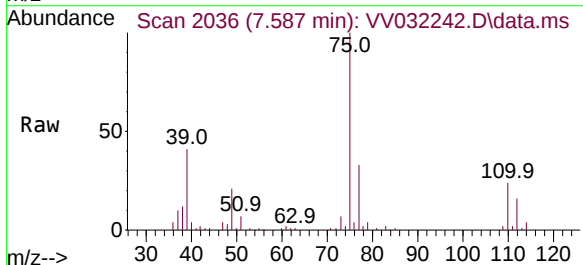
Acq: 04 Oct 2023 20:19

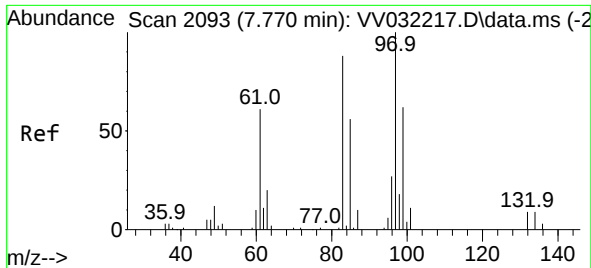
Tgt Ion: 75 Resp: 48816

Ion Ratio Lower Upper

75 100

77 33.2 22.5 41.7

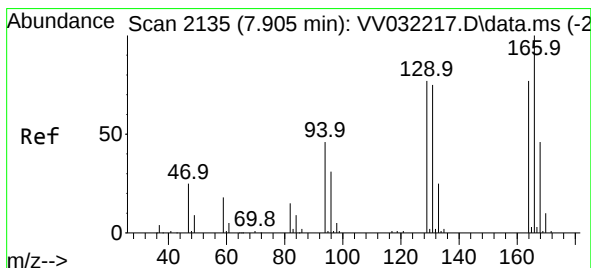
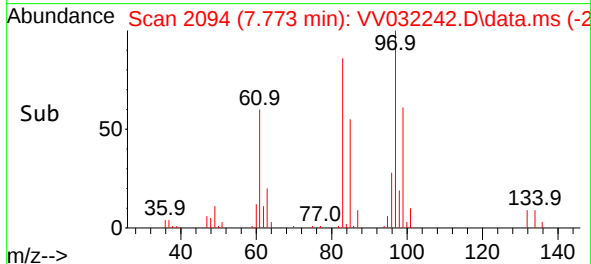
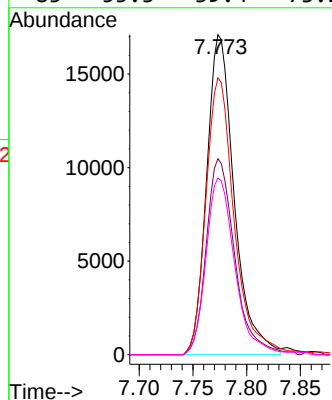
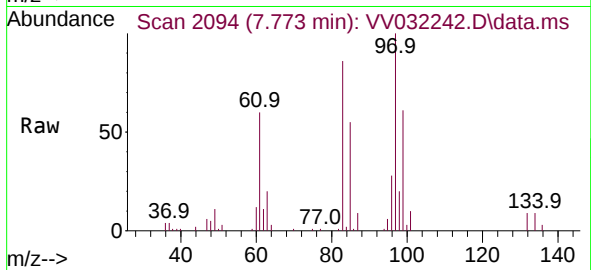




#45
1,1,2-Trichloroethane
Concen: 4.594 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

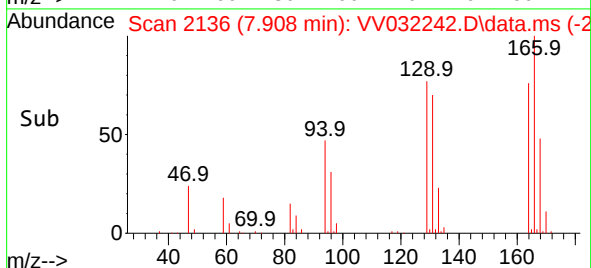
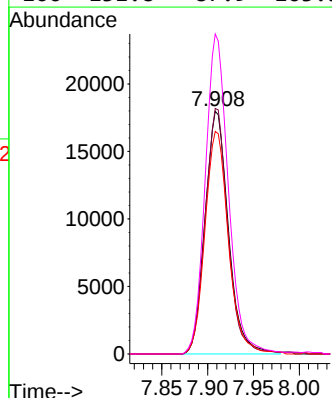
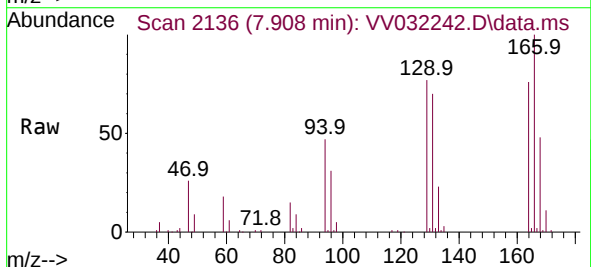
Instrument :
MSVOA_V
ClientSampleId :

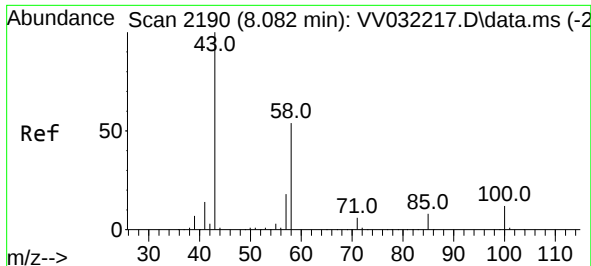
Tgt Ion:	97	Resp:	30451
Ion	Ratio	Lower	Upper
97	100		
99	61.3	42.8	79.4
83	86.5	60.9	113.1
85	55.3	39.4	73.2



#47
Tetrachloroethene
Concen: 4.389 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion:	164	Resp:	31926
Ion	Ratio	Lower	Upper
164	100		
129	101.1	66.4	123.4
131	91.7	63.7	118.3
166	131.8	87.9	163.3



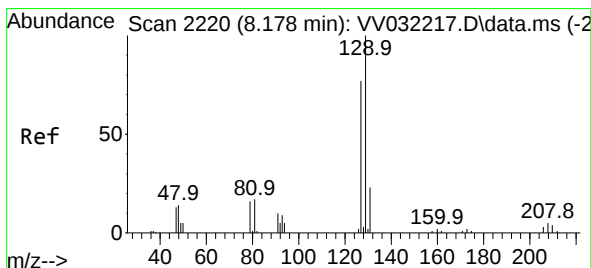
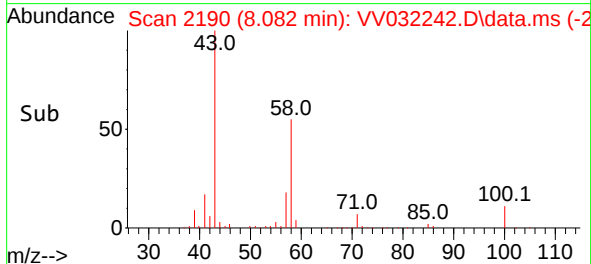
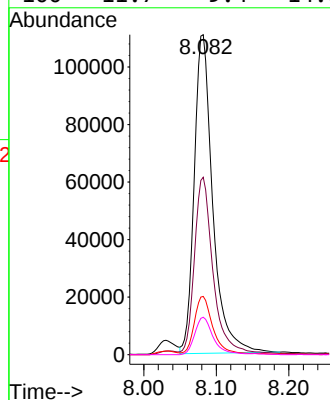
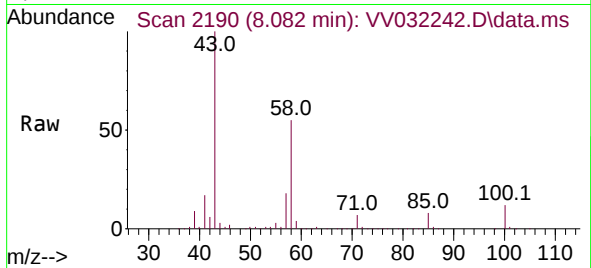


#48
2-Hexanone
Concen: 46.999 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 197174

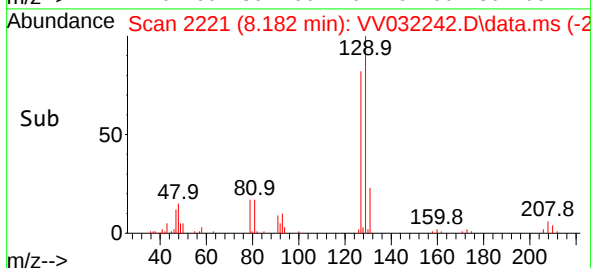
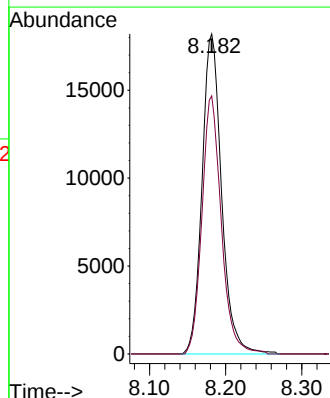
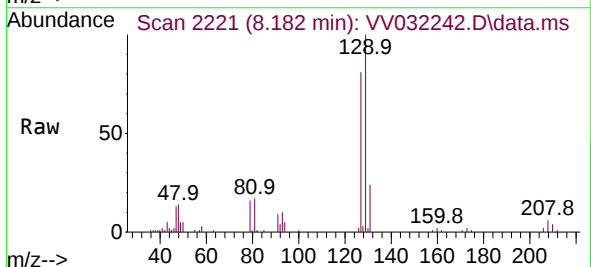
Ion	Ratio	Lower	Upper
43	100		
58	56.4	43.6	65.4
57	18.2	14.6	22.0
100	11.7	9.4	14.0

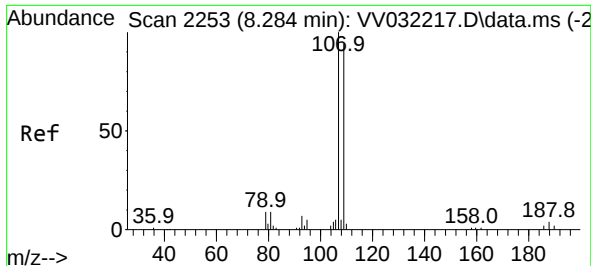


#49
Dibromochloromethane
Concen: 4.711 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 129 Resp: 32508

Ion	Ratio	Lower	Upper
129	100		
127	80.6	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.717 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

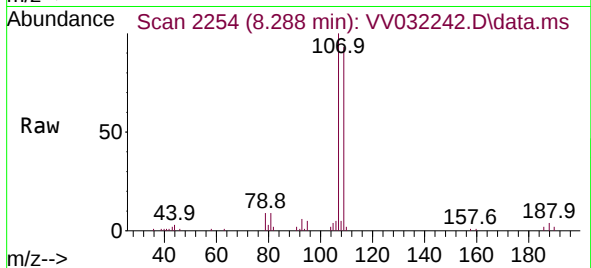
Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :



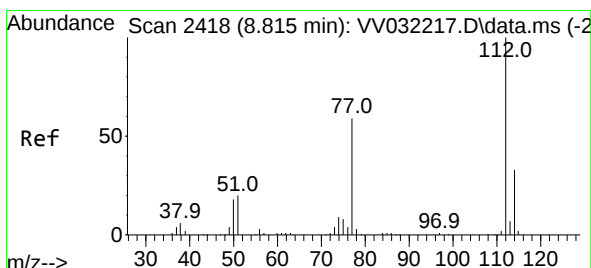
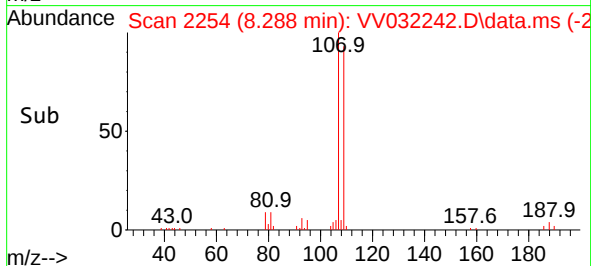
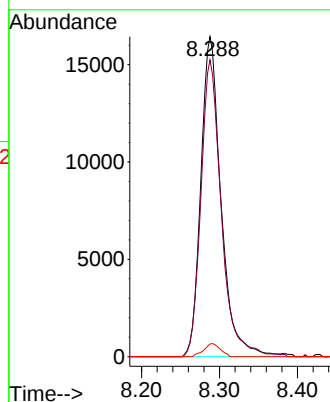
Tgt Ion:107 Resp: 29575

Ion Ratio Lower Upper

107 100

109 92.7 68.4 127.0

188 3.9 3.2 4.8



#51

Chlorobenzene

Concen: 4.544 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

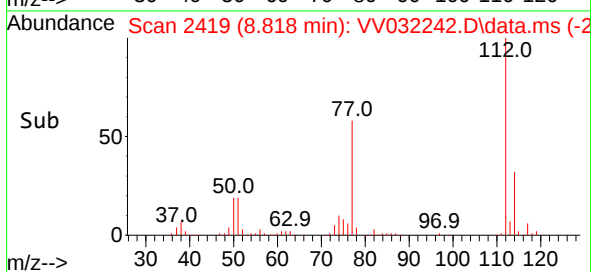
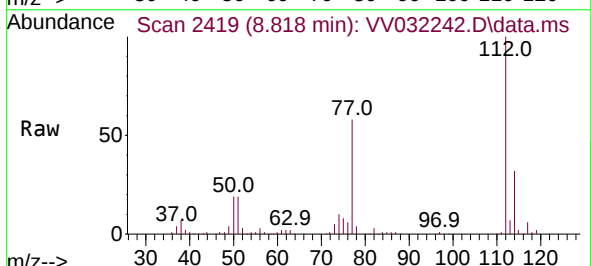
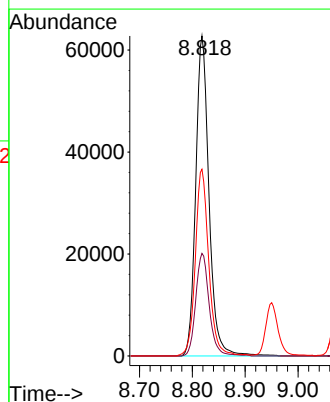
Tgt Ion:112 Resp: 109585

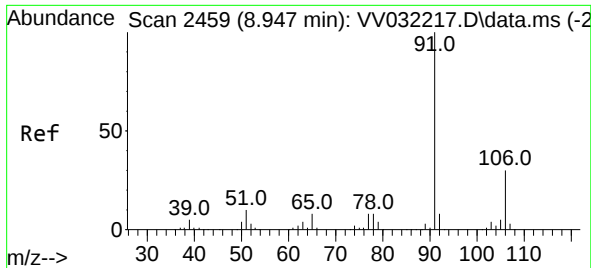
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 58.3 46.1 69.1

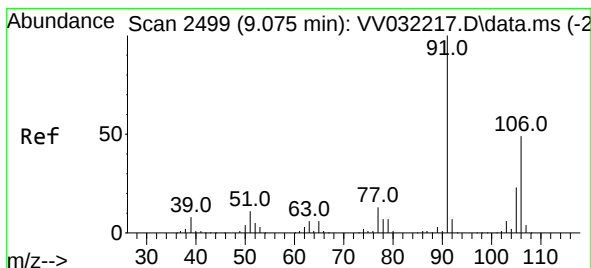
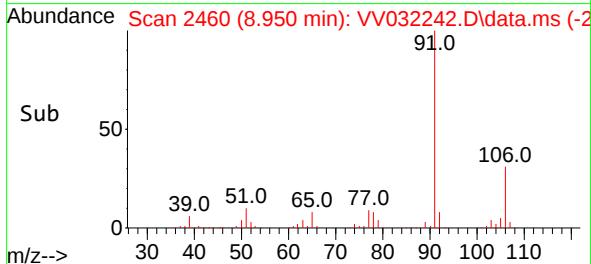
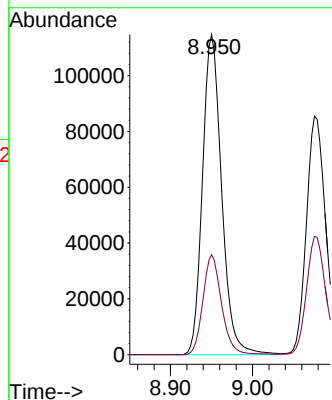
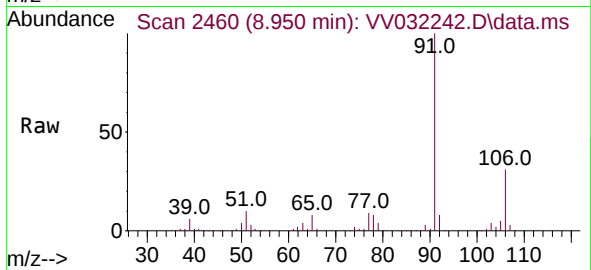




#52
Ethylbenzene
Concen: 4.454 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

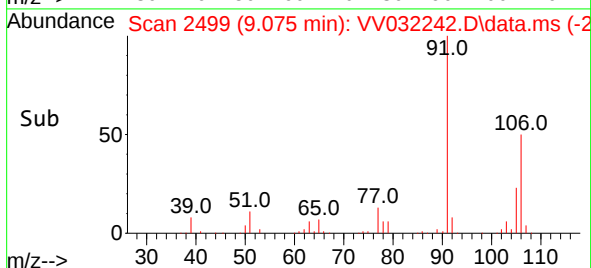
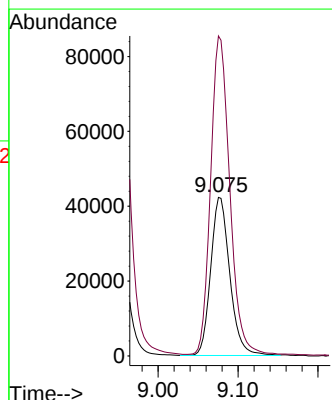
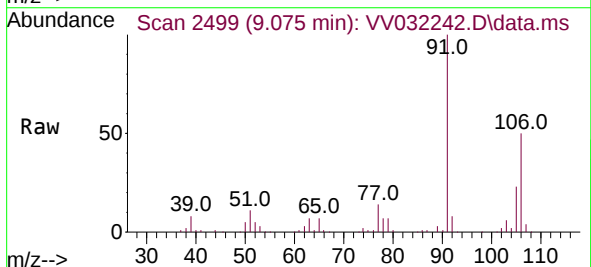
Instrument :
MSVOA_V
ClientSampleId :

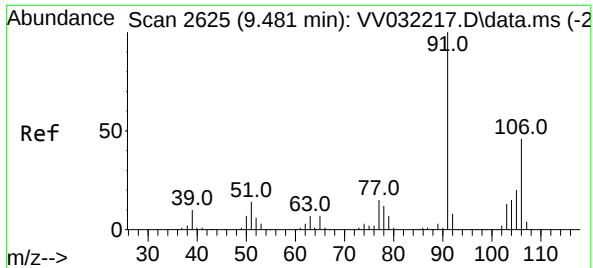
Tgt Ion: 91 Resp: 185754
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#53
m,p-Xylene
Concen: 4.527 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 106 Resp: 70026
Ion Ratio Lower Upper
106 100
91 201.8 144.5 268.3

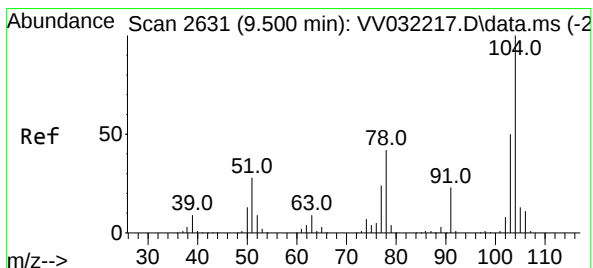
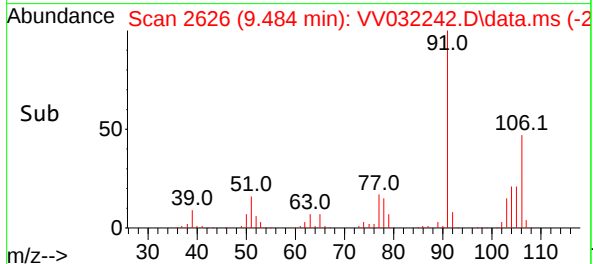
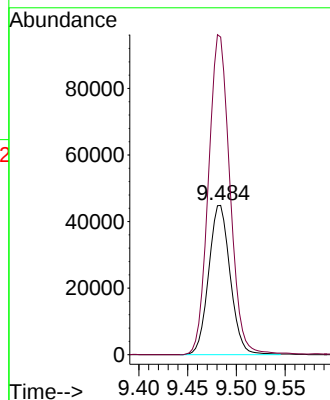
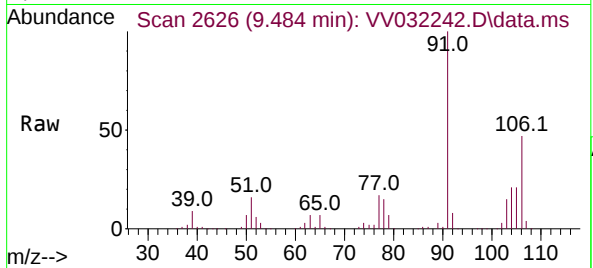




#54
o-Xylene
Concen: 4.629 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

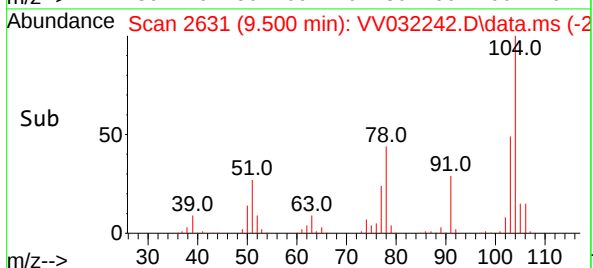
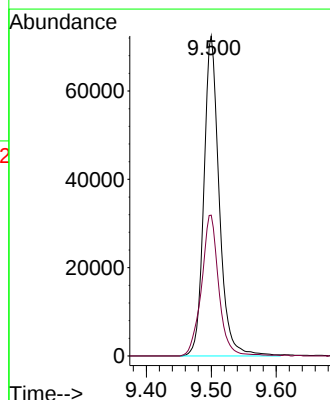
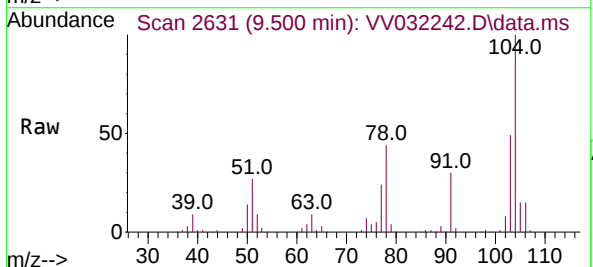
Instrument :
MSVOA_V
ClientSampleId :

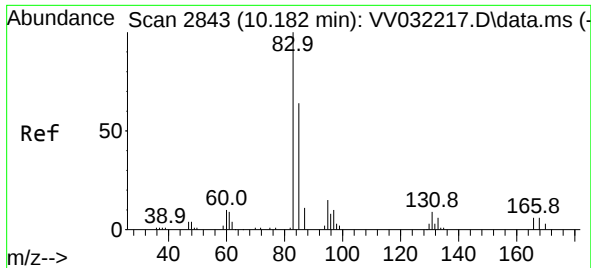
Tgt Ion:106 Resp: 68993
Ion Ratio Lower Upper
106 100
91 212.7 154.8 287.4



#55
Styrene
Concen: 4.741 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion:104 Resp: 119342
Ion Ratio Lower Upper
104 100
78 44.0 29.9 55.5

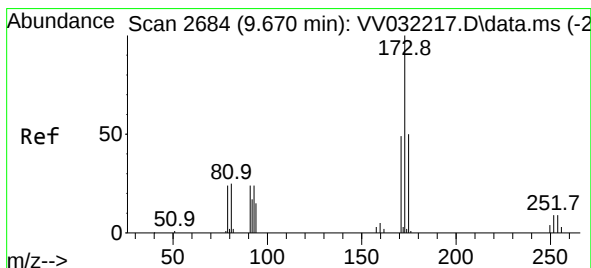
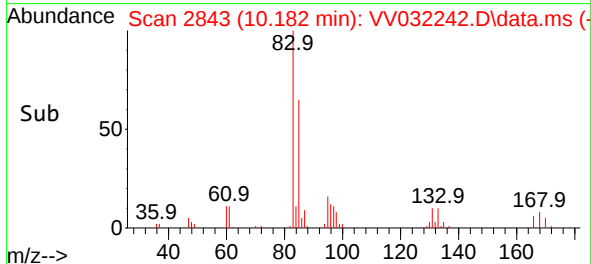
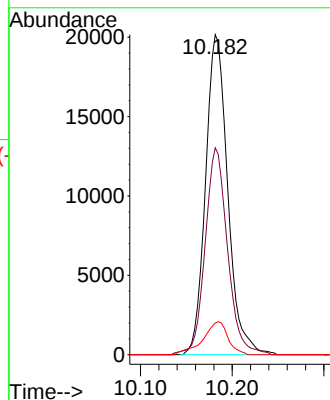
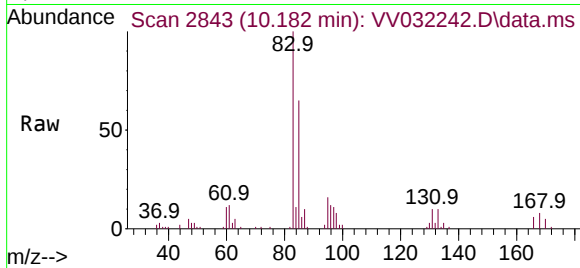




#57
1,1,2-Tetrachloroethane
Concen: 4.649 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

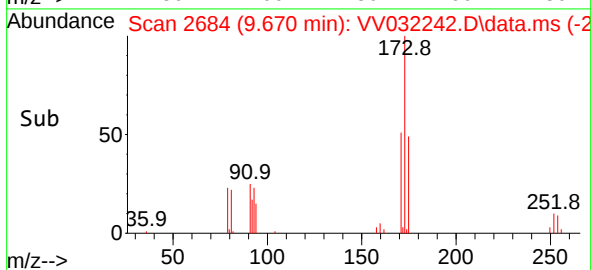
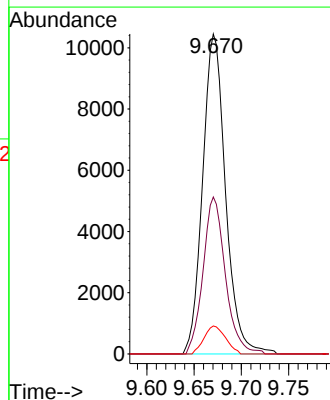
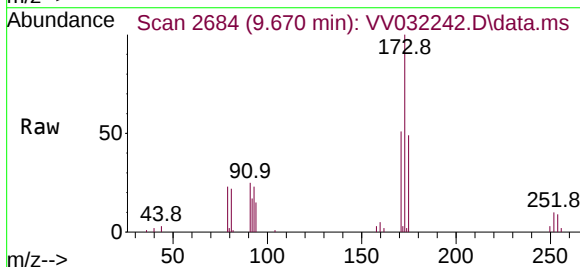
Instrument :
MSVOA_V
ClientSampleId :

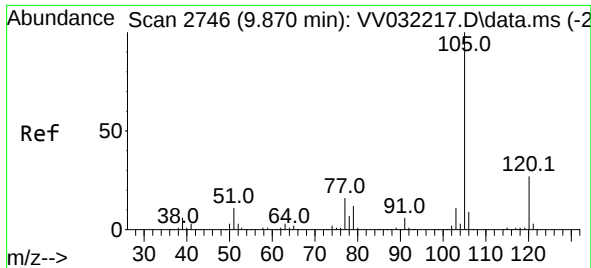
Tgt Ion: 83 Resp: 33908
Ion Ratio Lower Upper
83 100
85 64.7 43.6 81.0
131 9.9 7.0 10.6



#59
Bromoform
Concen: 4.623 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 173 Resp: 17623
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 8.2 7.0 10.4

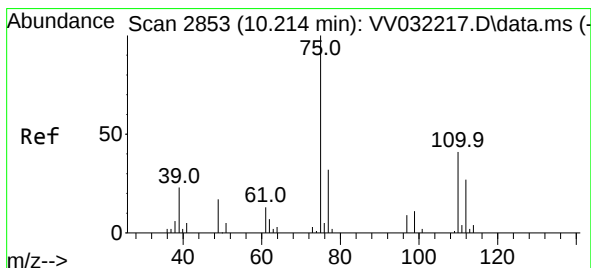
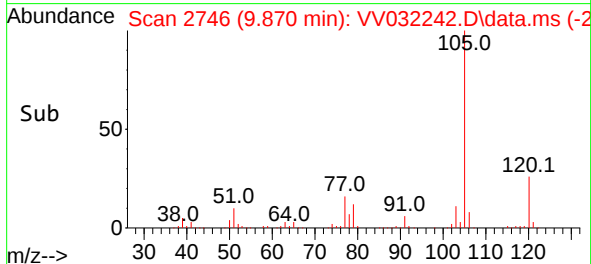
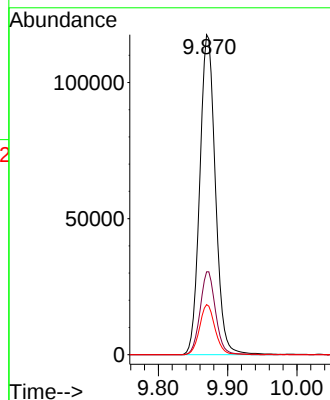
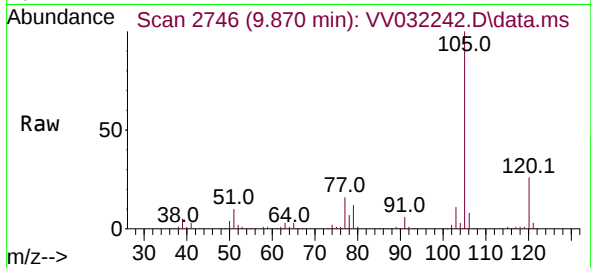




#60
Isopropylbenzene
Concen: 4.525 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

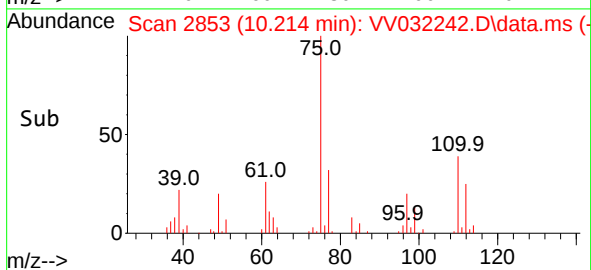
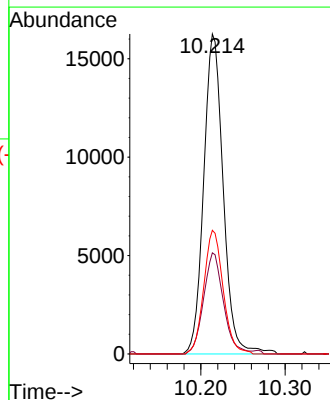
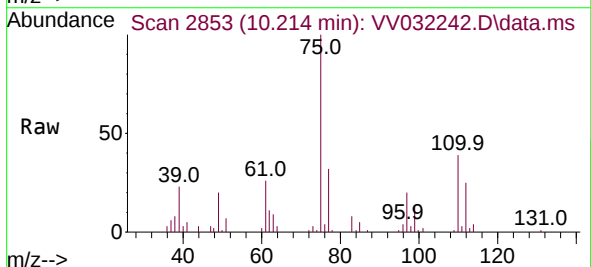
Instrument :
MSVOA_V
ClientSampleId :

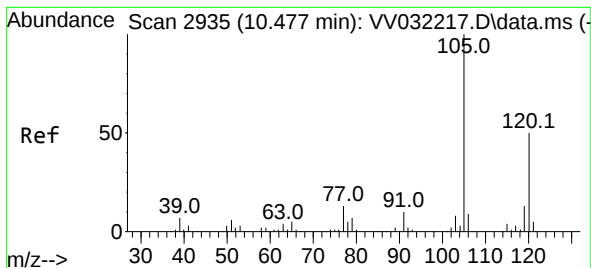
Tgt Ion:105 Resp: 184322
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.702 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion: 75 Resp: 26234
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 38.3 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.454 ug/L

RT: 10.481 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

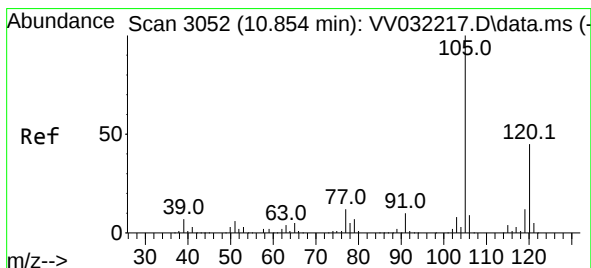
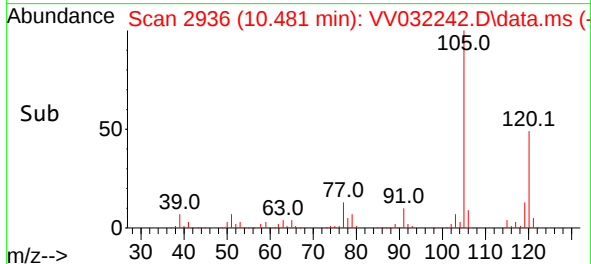
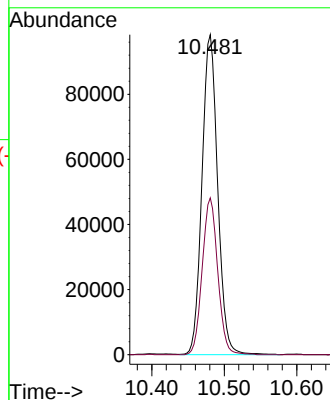
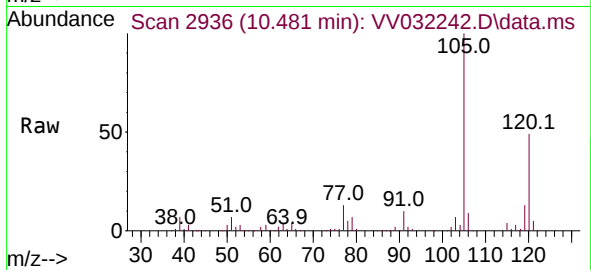
ClientSampleId :

Tgt Ion:105 Resp: 147898

Ion Ratio Lower Upper

105 100

120 48.3 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.481 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032242.D

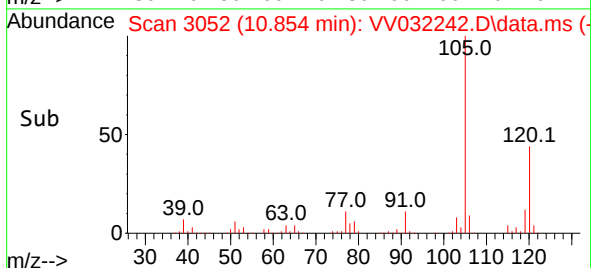
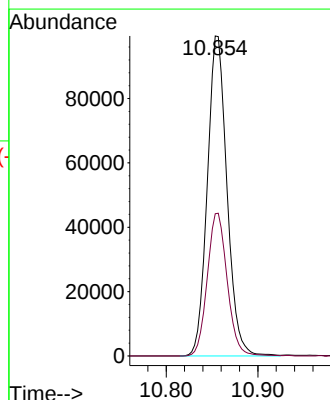
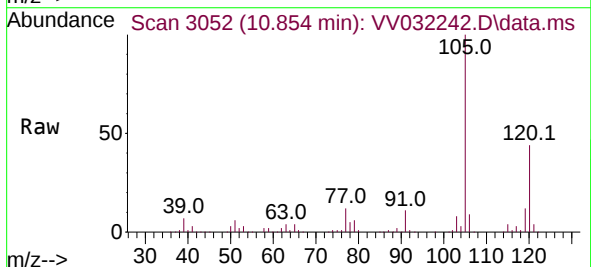
Acq: 04 Oct 2023 20:19

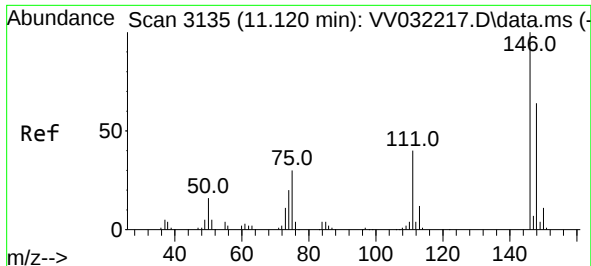
Tgt Ion:105 Resp: 148111

Ion Ratio Lower Upper

105 100

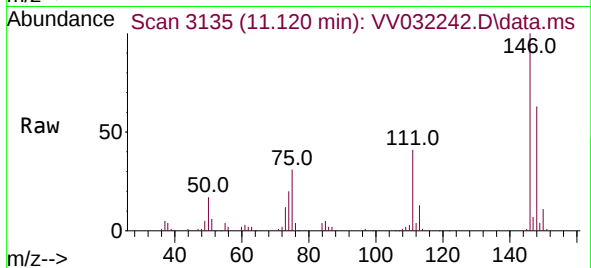
120 45.3 36.2 54.4



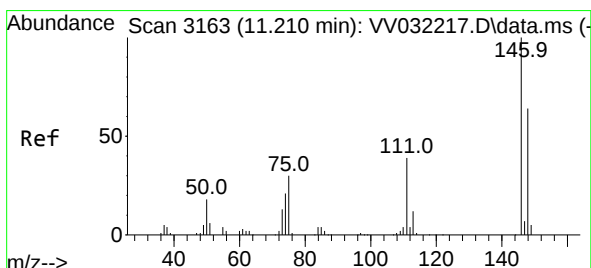
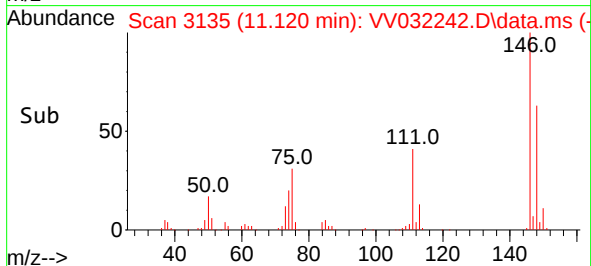
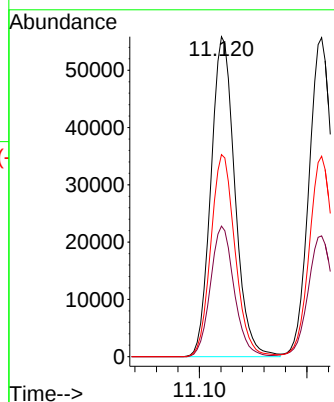


#64
1,3-Dichlorobenzene
Concen: 4.448 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :

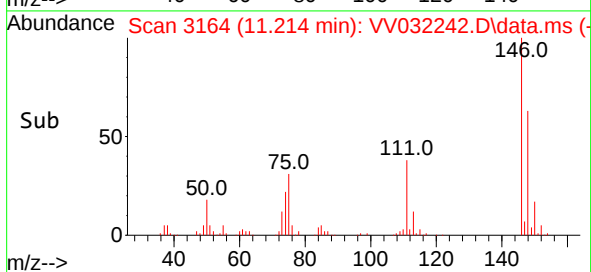
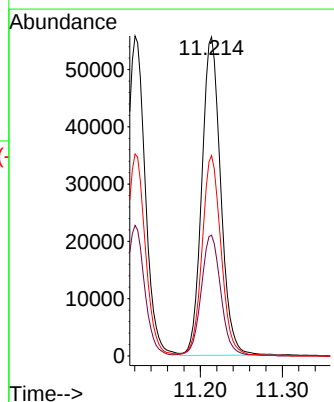
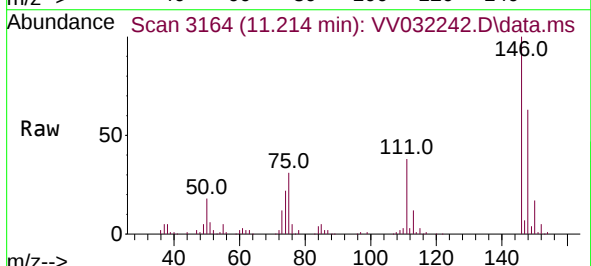


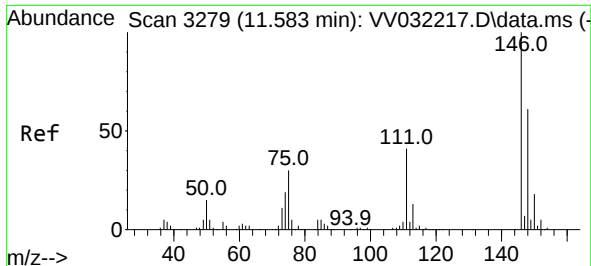
Tgt Ion:146 Resp: 86561
Ion Ratio Lower Upper
146 100
111 40.8 27.8 51.6
148 63.2 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.556 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion:146 Resp: 88953
Ion Ratio Lower Upper
146 100
111 37.8 26.9 49.9
148 62.8 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.543 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :

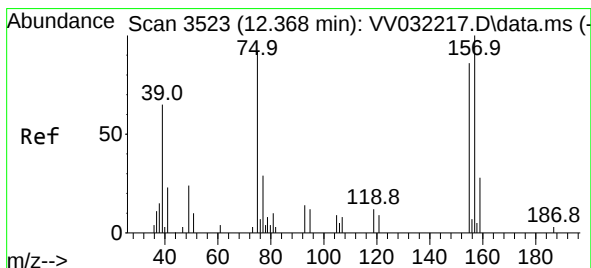
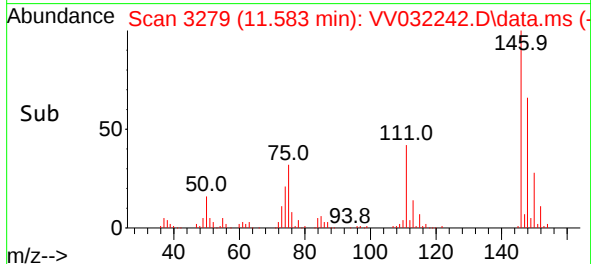
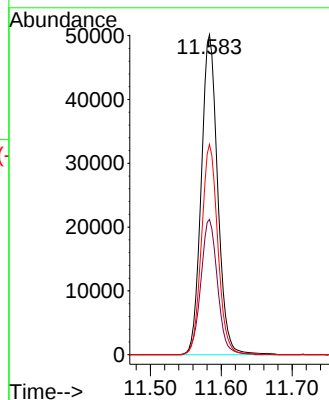
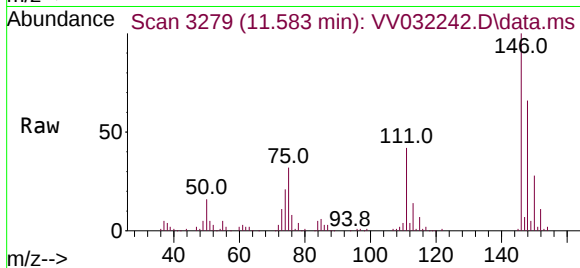
Tgt Ion:146 Resp: 80637

Ion Ratio Lower Upper

146 100

111 42.3 32.8 49.2

148 65.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.407 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

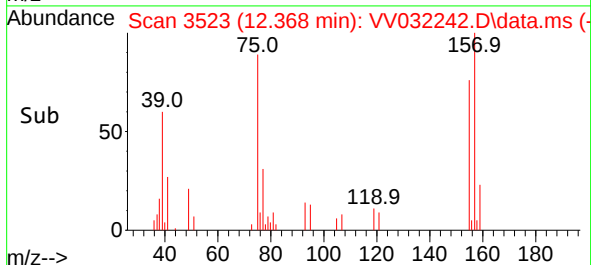
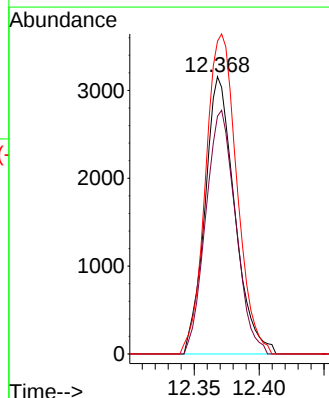
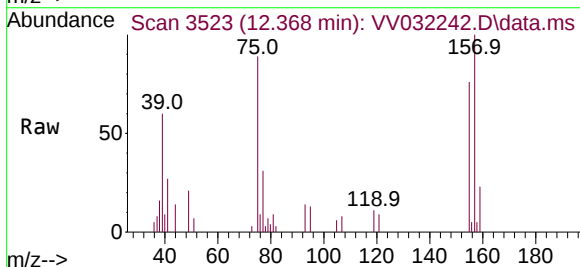
Tgt Ion: 75 Resp: 5024

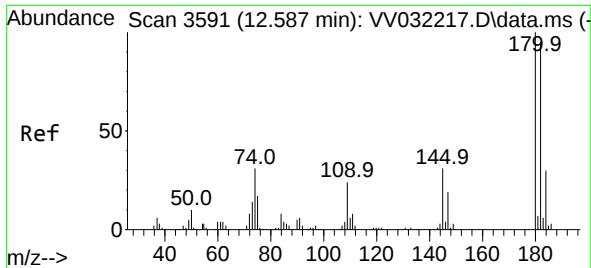
Ion Ratio Lower Upper

75 100

155 85.7 70.2 105.4

157 112.8 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.315 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

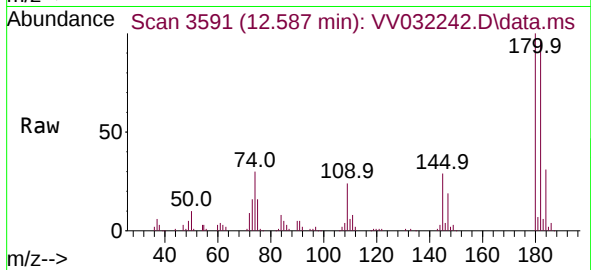
Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 61503

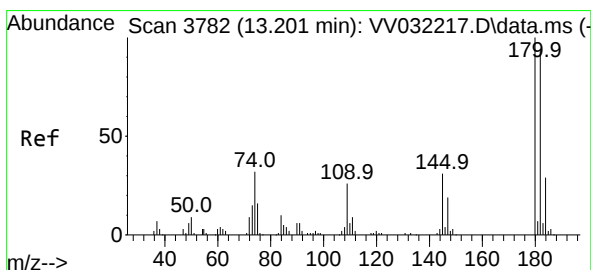
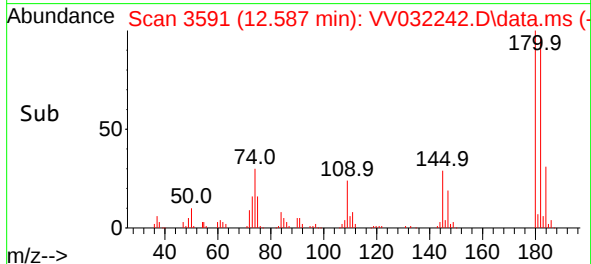
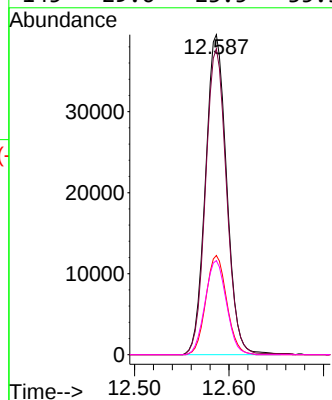
Ion Ratio Lower Upper

180 100

182 95.0 74.6 112.0

184 30.5 24.1 36.1

145 29.6 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.197 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032242.D

Acq: 04 Oct 2023 20:19

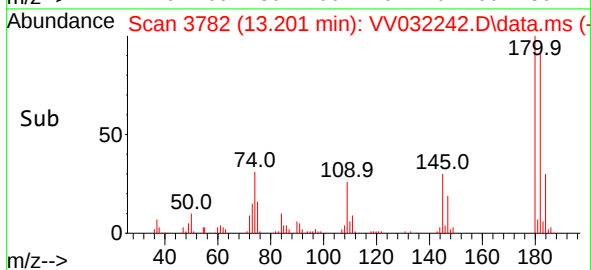
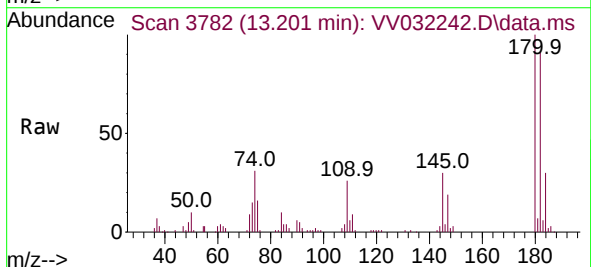
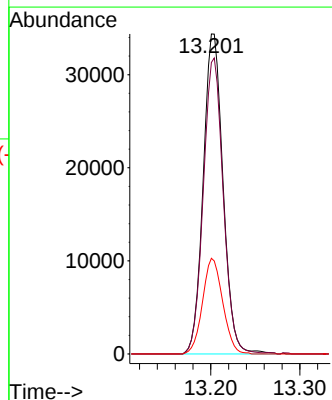
Tgt Ion:180 Resp: 53054

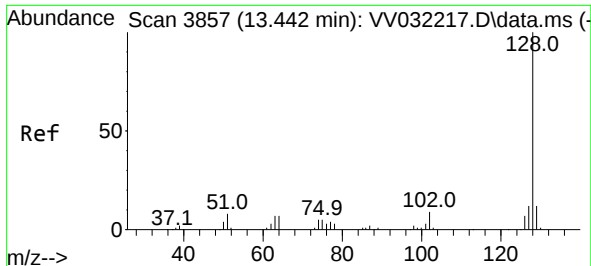
Ion Ratio Lower Upper

180 100

182 92.9 76.5 114.7

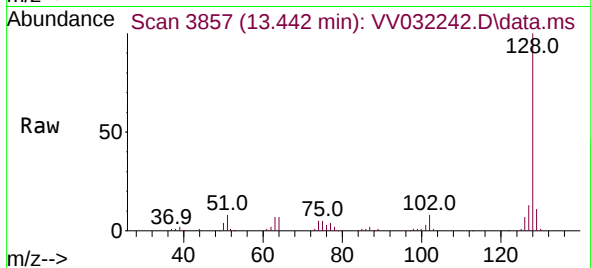
145 30.4 24.3 36.5



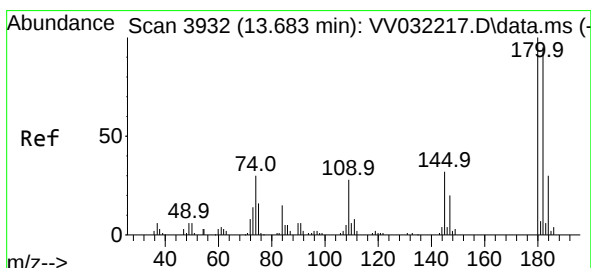
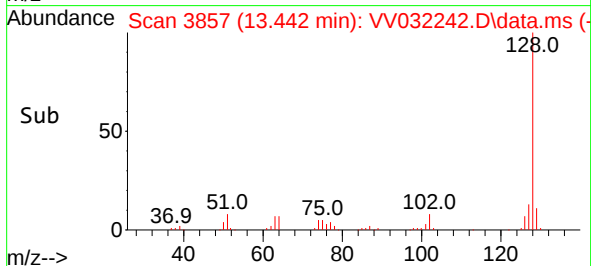
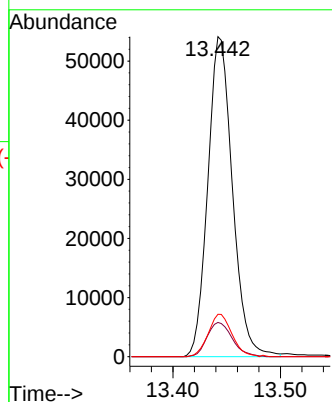


#71
Naphthalene
Concen: 4.014 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 86192
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.401 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032242.D
Acq: 04 Oct 2023 20:19

Tgt Ion:180 Resp: 47935
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.4
145 31.4 25.7 38.5

