

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
 Data File : VV032244.D
 Acq On : 05 Oct 2023 09:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 14:21:00 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	5.538	114	86815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	87788	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34094	4.829	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.532	69	31031	5.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.059	65	14799	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	3.825	46	95897	53.691	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.380%
24) Chloroform-d	4.252	84	66665	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	4.947	65	31800	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.963	84	125256	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.992	67	40488	4.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.246	98	115020	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.558	79	13243	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.030	63	72186	50.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30648	5.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	41092	4.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	52467	5.423	ug/L	99
3) Chloromethane	1.217	50	51945	5.326	ug/L	100
5) Vinyl chloride	1.281	62	48952	5.263	ug/L	100
6) Bromomethane	1.487	94	29694	5.285	ug/L	100
8) Chloroethane	1.548	64	30302	5.411	ug/L	97
9) Trichlorofluoromethane	1.712	101	60992	5.468	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36581	5.412	ug/L	98
12) 1,1-Dichloroethene	2.069	96	34332	5.392	ug/L	96
13) Acetone	2.156	43	64760	47.043	ug/L	69
14) Carbon disulfide	2.240	76	112841	5.070	ug/L	100
15) Methyl Acetate	2.391	43	16188	5.223	ug/L	96
16) Methylene chloride	2.449	84	41357	4.982	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	88332	5.096	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	36460	4.999	ug/L	99
19) 1,1-Dichloroethane	3.114	63	71779	5.232	ug/L	98
21) 2-Butanone	3.902	43	101039	46.935	ug/L	85
22) cis-1,2-Dichloroethene	3.818	96	40133	5.111	ug/L	97
23) Bromochloromethane	4.153	128	17778	5.381	ug/L	95
25) Chloroform	4.278	83	70913	5.268	ug/L	100

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 14:21:00 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

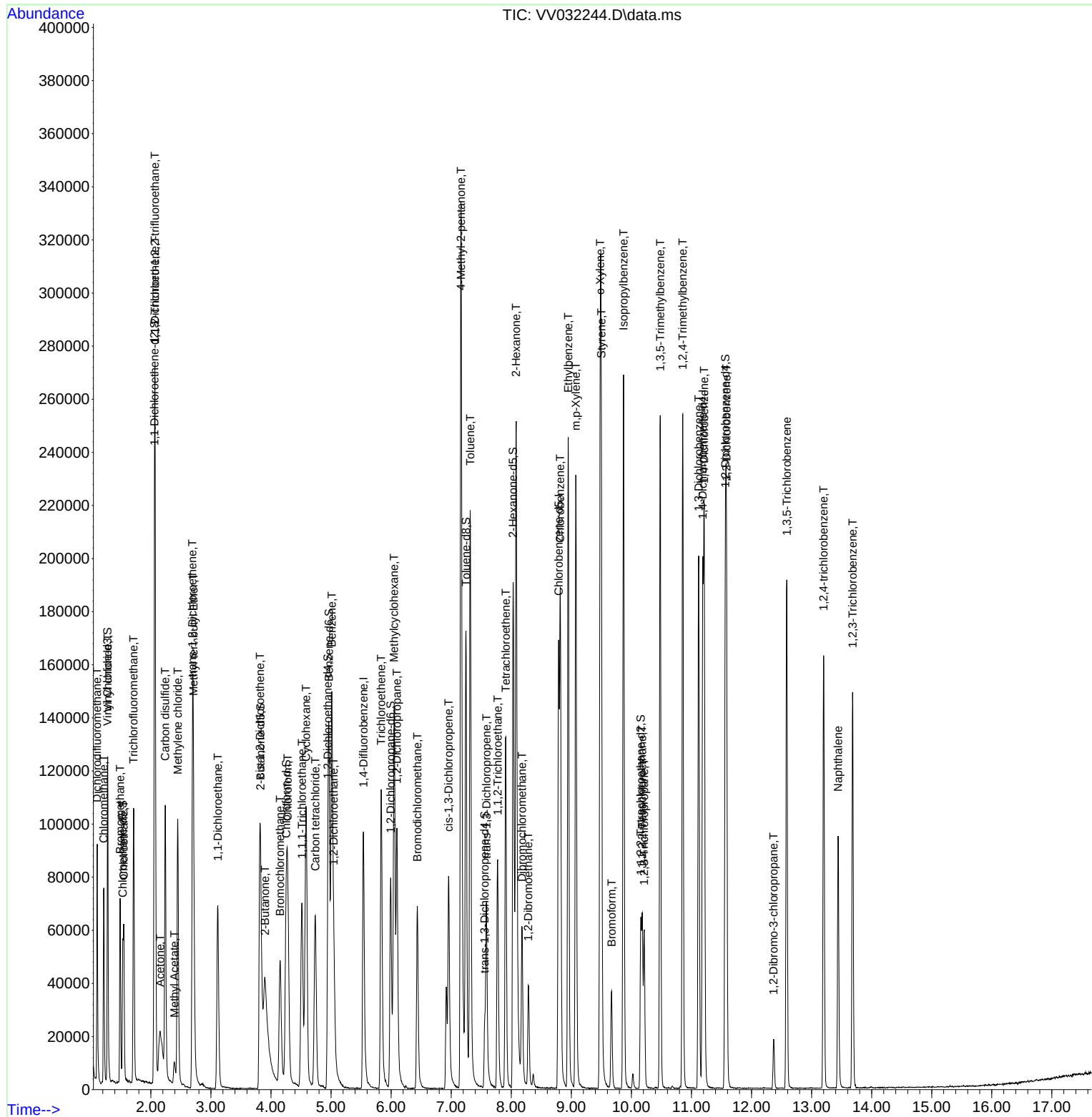
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	41546	5.224	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	58918	4.936	ug/L	99
30) Cyclohexane	4.584	56	60453	4.609	ug/L	98
31) Carbon tetrachloride	4.738	117	50279	4.979	ug/L	100
33) Benzene	5.011	78	154328	4.993	ug/L	100
34) Trichloroethene	5.834	95	40620	4.814	ug/L	98
35) Methylcyclohexane	6.050	83	59148	4.530	ug/L	99
37) 1,2-Dichloropropane	6.095	63	38477	4.655	ug/L	99
38) Bromodichloromethane	6.436	83	48777	4.966	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	53131	4.517	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	257351	49.198	ug/L	99
42) Toluene	7.317	91	161199	4.892	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	42483	4.394	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	28727	4.927	ug/L	99
47) Tetrachloroethene	7.908	164	29964	4.683	ug/L	97
48) 2-Hexanone	8.082	43	183077	49.606	ug/L	99
49) Dibromochloromethane	8.178	129	30016	4.944	ug/L	97
50) 1,2-Dibromoethane	8.284	107	27344	4.958	ug/L	95
51) Chlorobenzene	8.815	112	102636	4.838	ug/L	99
52) Ethylbenzene	8.950	91	171527	4.675	ug/L	100
53) m,p-Xylene	9.075	106	65262	4.796	ug/L	94
54) o-Xylene	9.480	106	63034	4.807	ug/L	97
55) Styrene	9.500	104	111154	5.020	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	31873	4.968	ug/L	99
59) Bromoform	9.670	173	16705	5.014	ug/L	100
60) Isopropylbenzene	9.869	105	170105	4.777	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	24025	4.926	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	134607	4.638	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	136970	4.741	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	80702	4.744	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	81205	4.758	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	74997	4.834	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	4449	4.465	ug/L	89
69) 1,3,5-Trichlorobenzene	12.586	180	56158	4.508	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	48648	4.403	ug/L	99
71) Naphthalene	13.442	128	73605	3.921	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	43396	4.558	ug/L	99

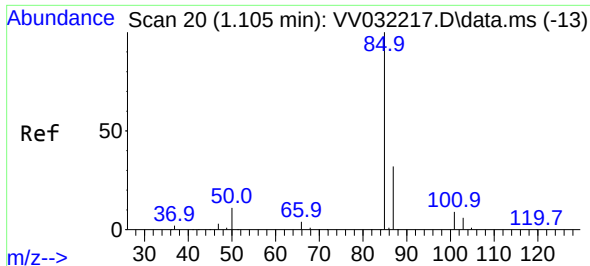
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VV032244.D
 Acq On : 05 Oct 2023 09:48
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 14:21:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
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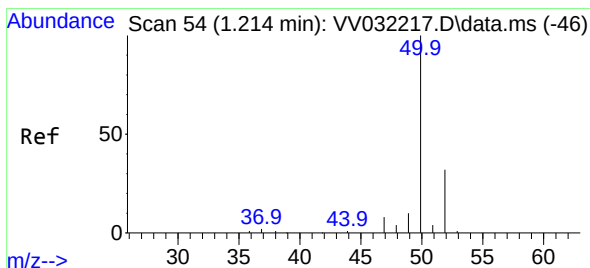
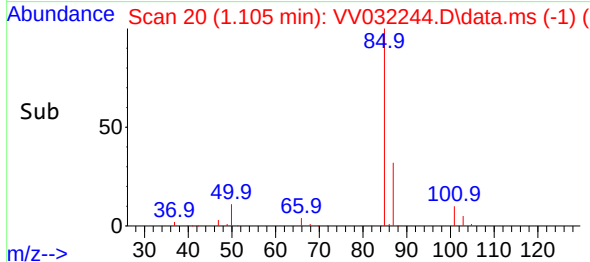
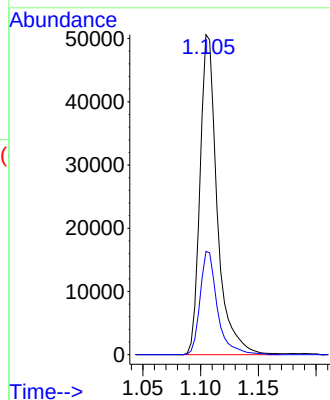
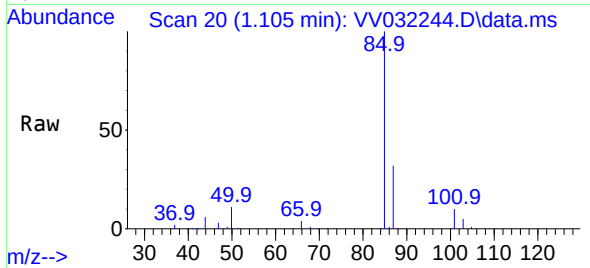




#2
 Dichlorodifluoromethane
 Concen: 5.423 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032244.D
 Acq: 05 Oct 2023 09:48

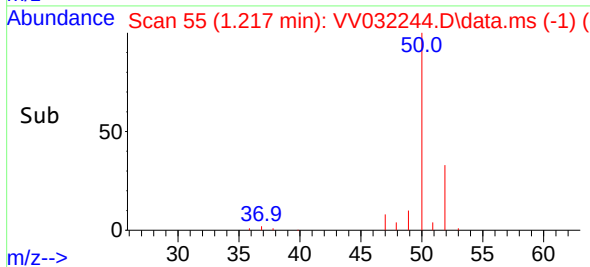
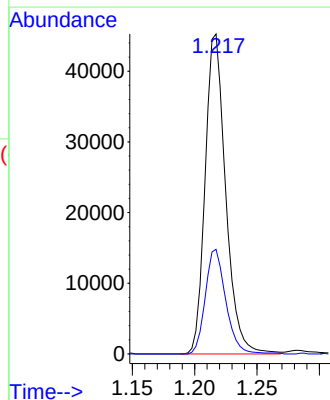
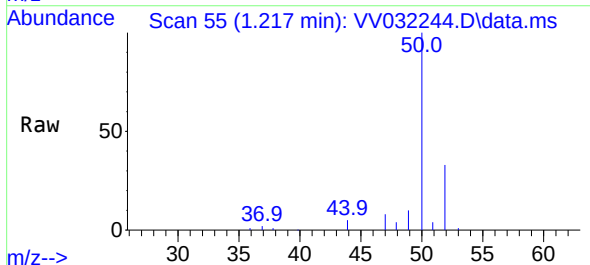
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 52467
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.5 38.3

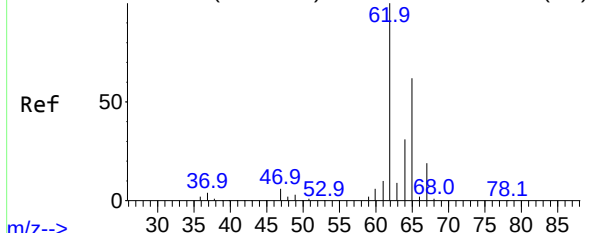


#3
 Chloromethane
 Concen: 5.326 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032244.D
 Acq: 05 Oct 2023 09:48

Tgt Ion: 50 Resp: 51945
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.6



Abundance Scan 75 (1.282 min): VV032217.D\data.ms (-67)



#5

Vinyl chloride

Concen: 5.263 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

ClientSampleId :

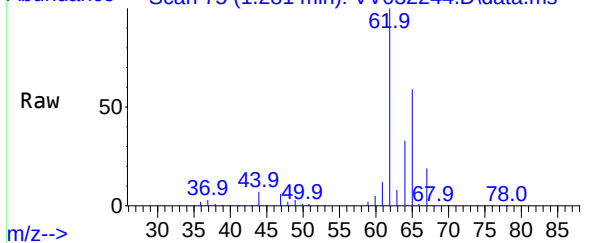
Tgt Ion: 62 Resp: 48952

Ion Ratio Lower Upper

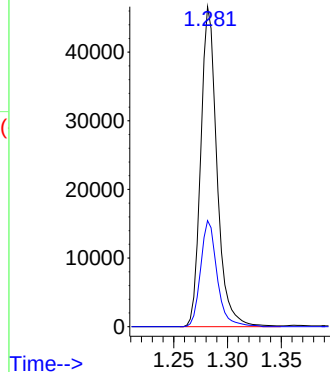
62 100

64 33.1 23.1 42.9

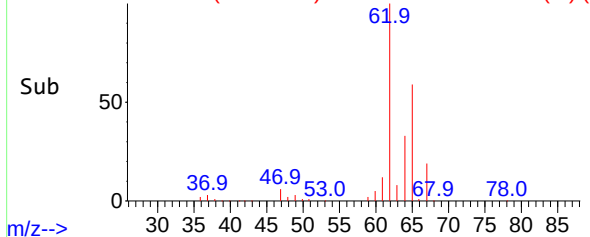
Abundance Scan 75 (1.281 min): VV032244.D\data.ms



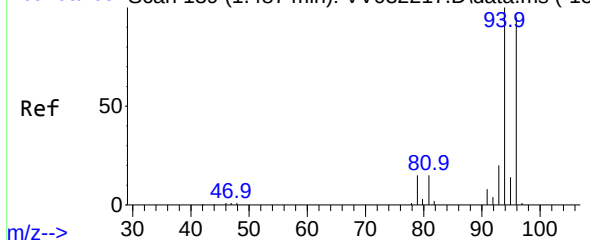
Abundance



Abundance Scan 75 (1.281 min): VV032244.D\data.ms (-1)



Abundance Scan 139 (1.487 min): VV032217.D\data.ms (-13)



#6

Bromomethane

Concen: 5.285 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

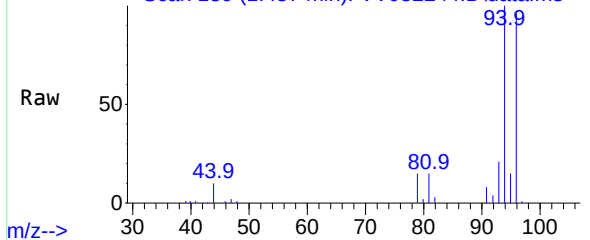
Tgt Ion: 94 Resp: 29694

Ion Ratio Lower Upper

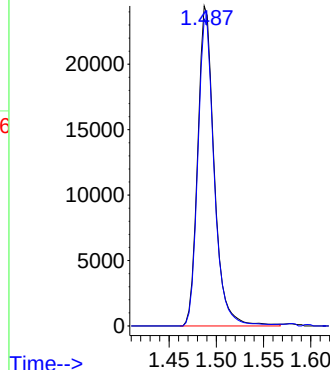
94 100

96 95.9 66.8 124.2

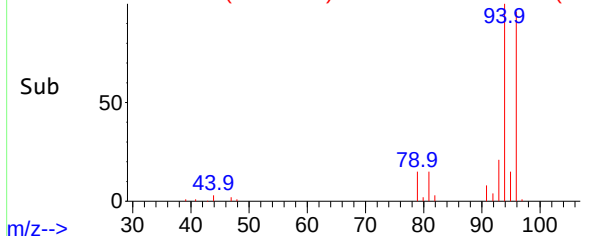
Abundance Scan 139 (1.487 min): VV032244.D\data.ms

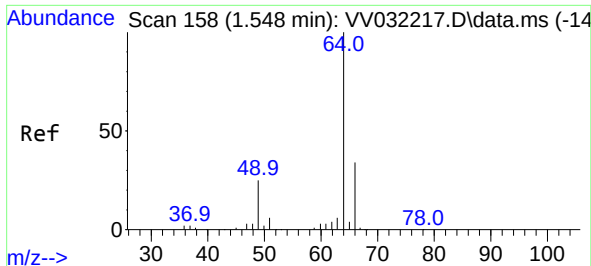


Abundance



Abundance Scan 139 (1.487 min): VV032244.D\data.ms (-46)

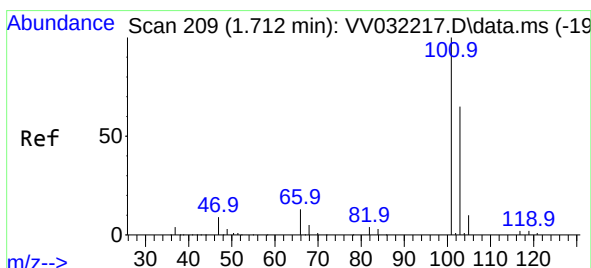
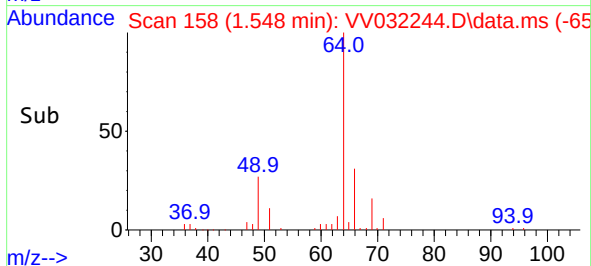
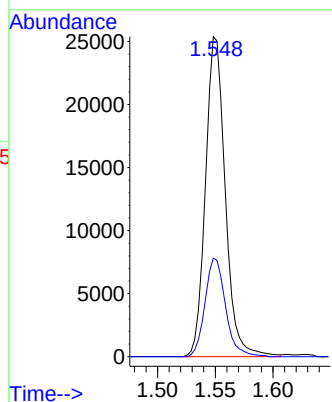
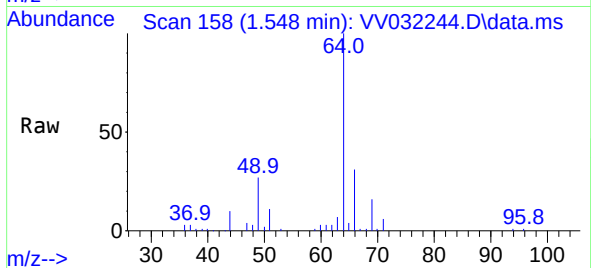




#8
Chloroethane
Concen: 5.411 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

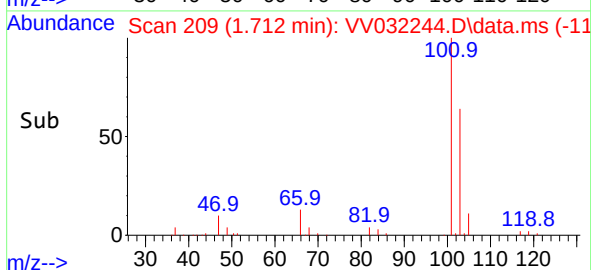
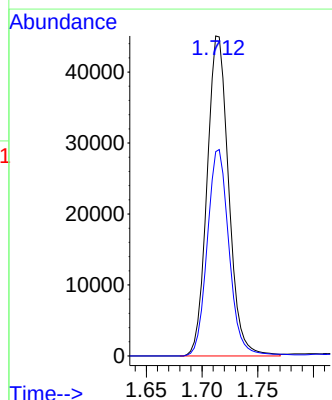
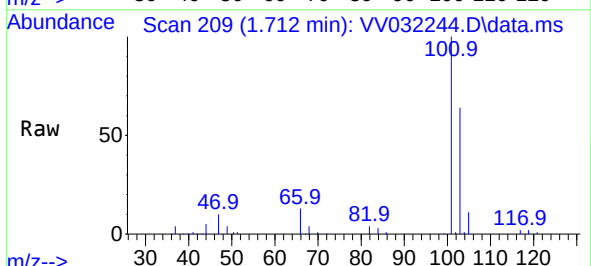
Instrument :
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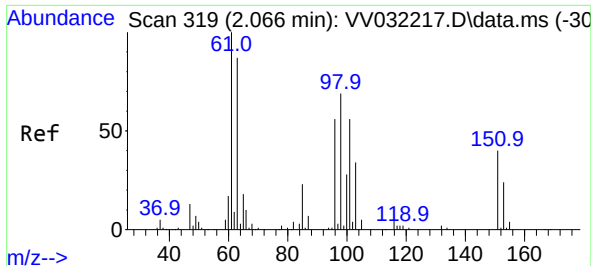
Tgt Ion: 64 Resp: 30302
Ion Ratio Lower Upper
64 100
66 30.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.468 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion:101 Resp: 60992
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

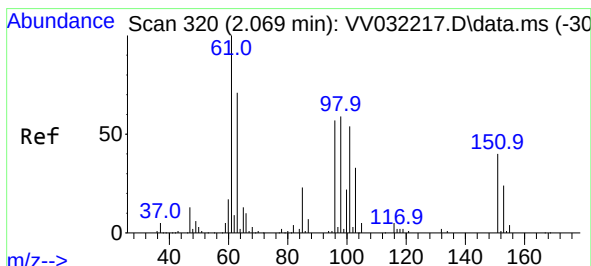
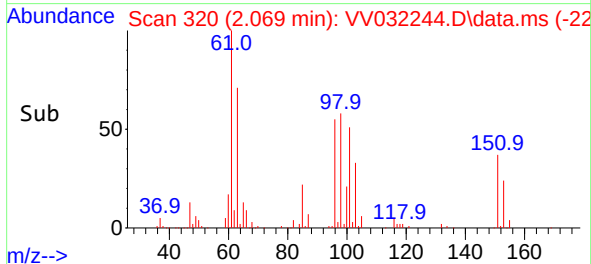
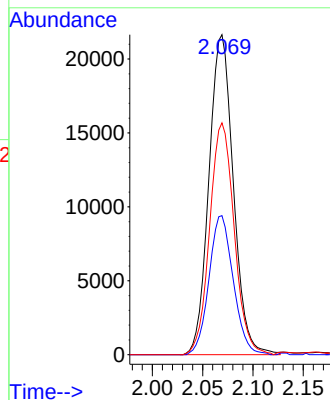
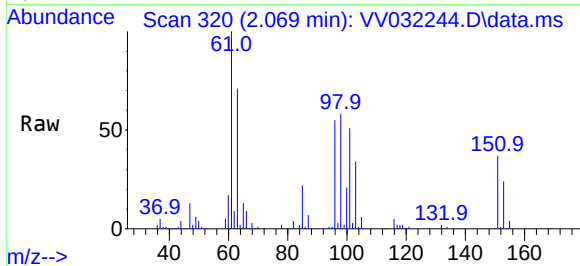




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.412 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

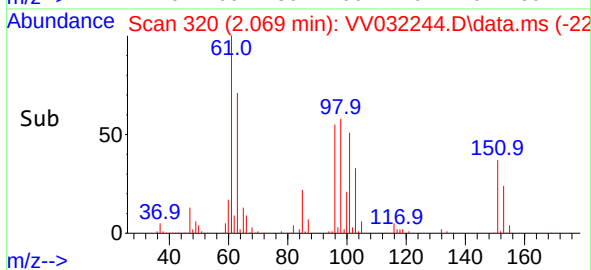
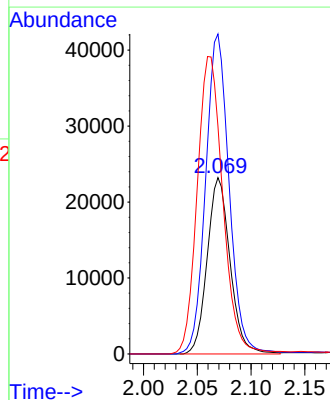
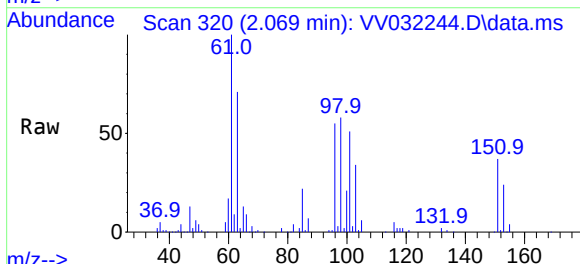
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ClientSampleId :

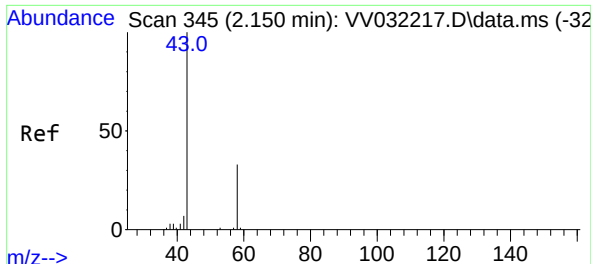
Tgt Ion:101 Resp: 36581
Ion Ratio Lower Upper
101 100
85 43.1 35.0 52.6
151 72.8 56.6 84.8



#12
1,1-Dichloroethene
Concen: 5.392 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion: 96 Resp: 34332
Ion Ratio Lower Upper
96 100
61 181.5 127.3 236.3
63 129.1 98.3 182.7





#13

Acetone

Concen: 47.043 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.006 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

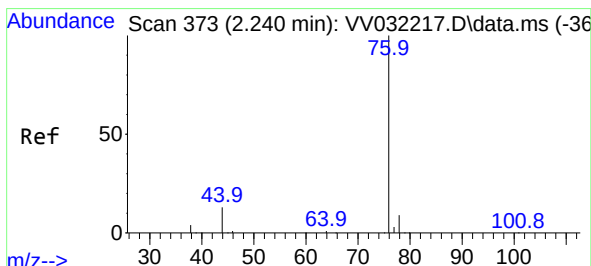
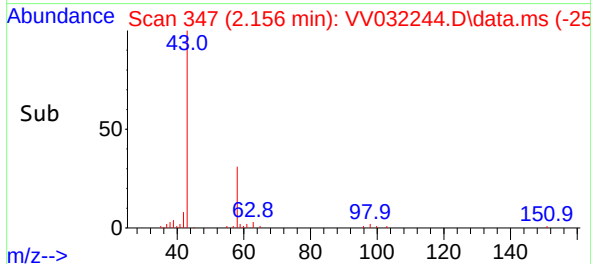
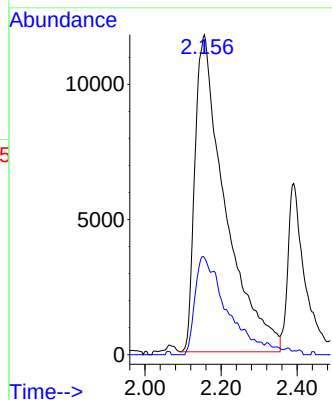
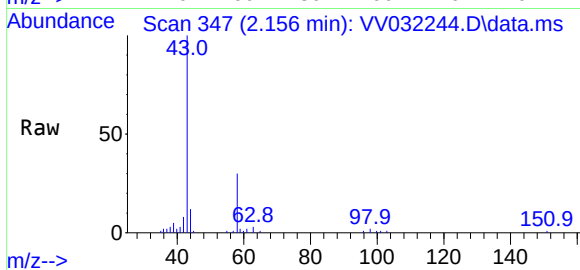
ClientSampleId :

Tgt Ion: 43 Resp: 64760

Ion Ratio Lower Upper

43 100

58 15.6 0.0 66.0



#14

Carbon disulfide

Concen: 5.070 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032244.D

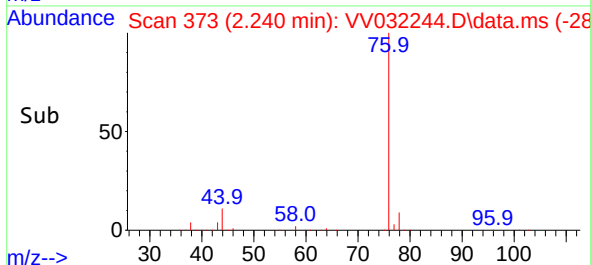
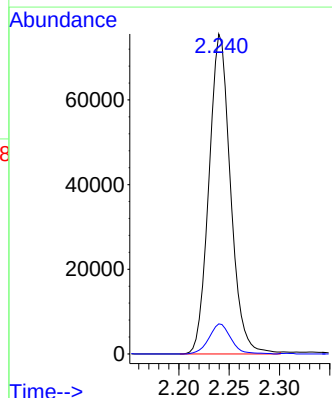
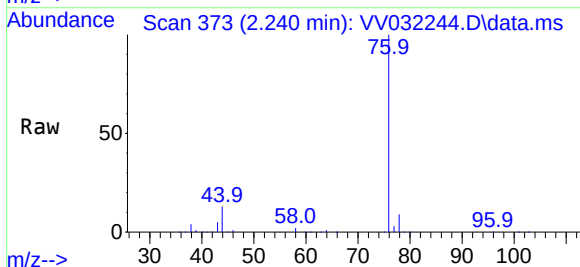
Acq: 05 Oct 2023 09:48

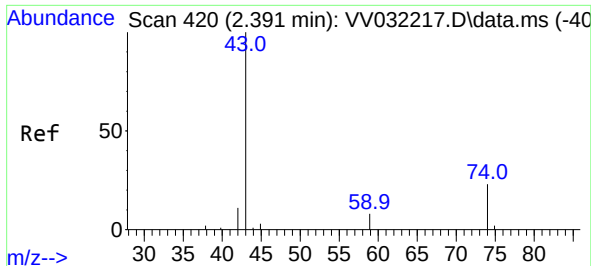
Tgt Ion: 76 Resp: 112841

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

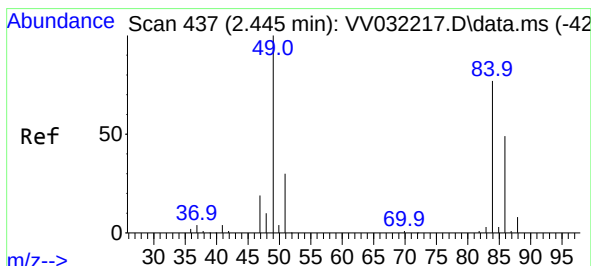
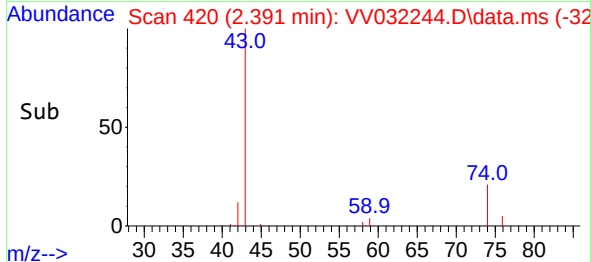
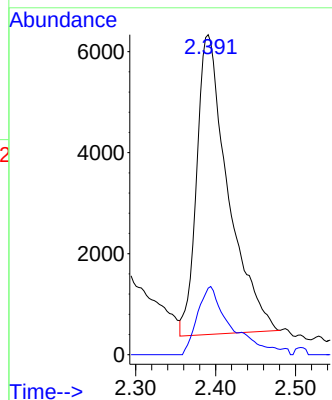
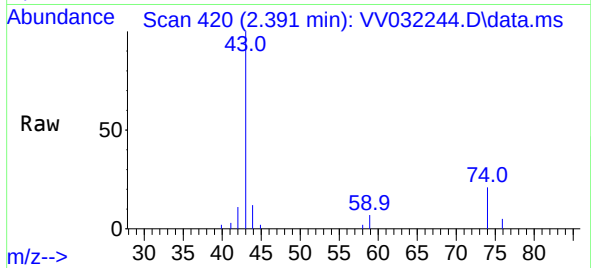




#15
Methyl Acetate
Concen: 5.223 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

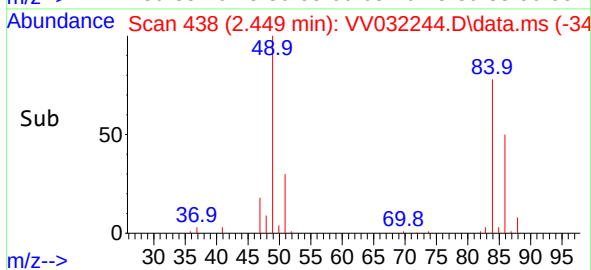
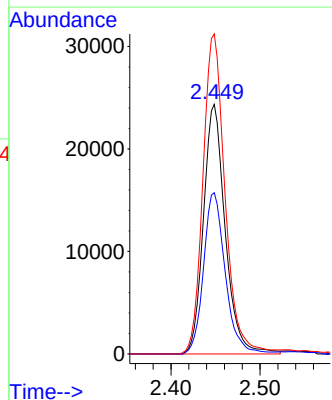
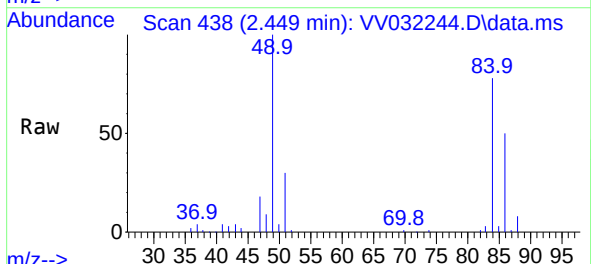
Instrument :
MSVOA_V
ClientSampleId :

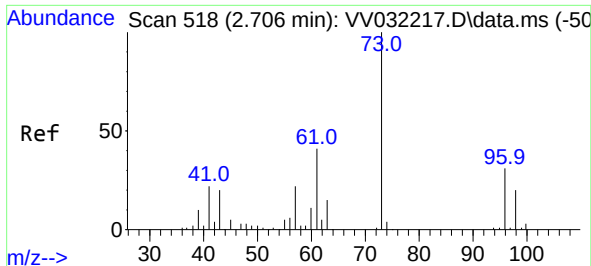
Tgt Ion: 43 Resp: 16188
Ion Ratio Lower Upper
43 100
74 24.3 18.0 27.0



#16
Methylene chloride
Concen: 4.982 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion: 84 Resp: 41357
Ion Ratio Lower Upper
84 100
86 64.6 43.2 80.2
49 128.2 86.3 160.3





#17

Methyl tert-butyl Ether

Concen: 5.096 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

ClientSampleId :

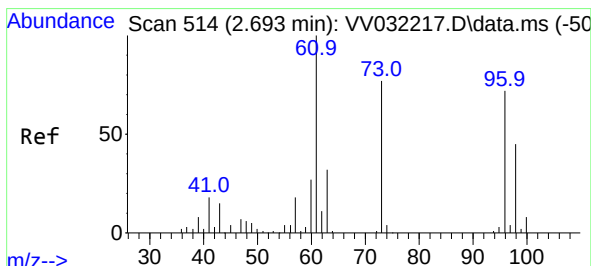
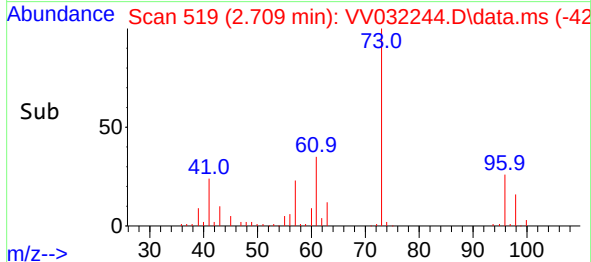
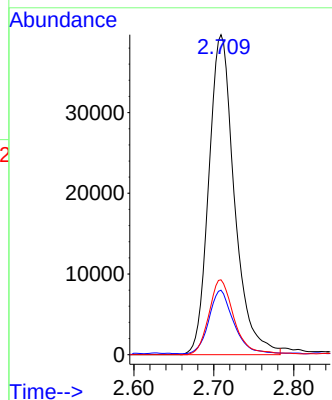
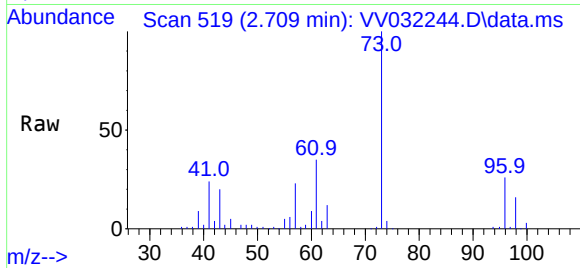
Tgt Ion: 73 Resp: 88332

Ion Ratio Lower Upper

73 100

43 19.1 15.1 22.7

57 23.2 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.999 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

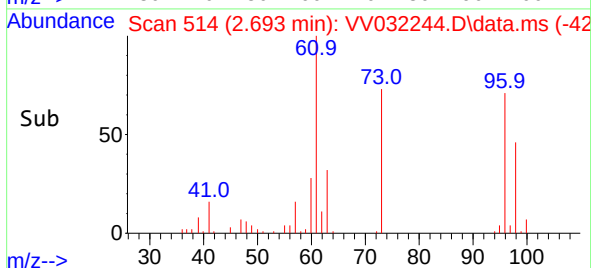
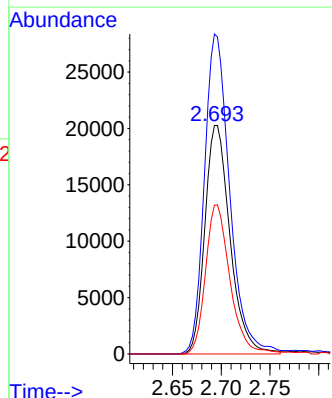
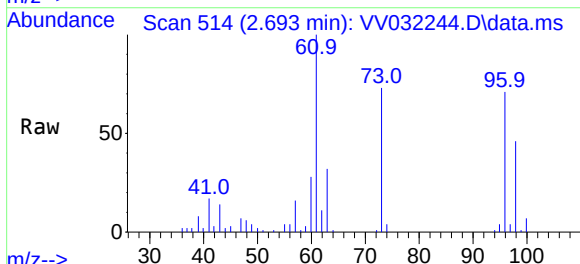
Tgt Ion: 96 Resp: 36460

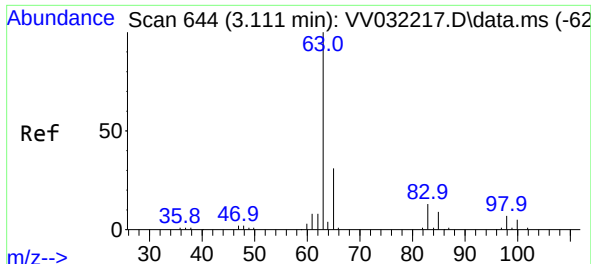
Ion Ratio Lower Upper

96 100

61 140.1 96.9 180.1

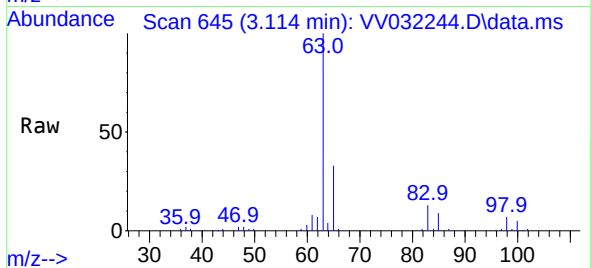
98 65.1 45.3 84.1



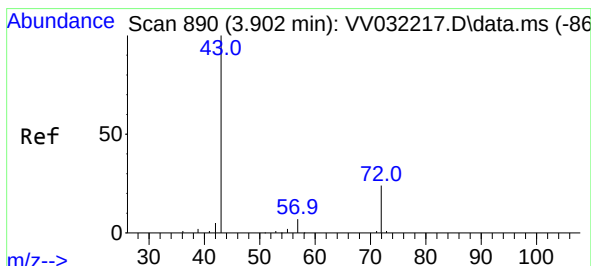
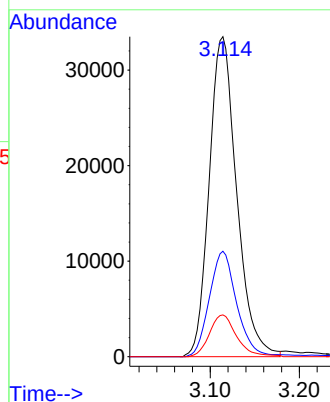
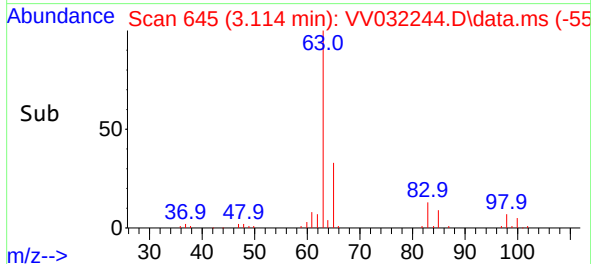


#19
1,1-Dichloroethane
Concen: 5.232 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Instrument :
MSVOA_V
ClientSampleId :

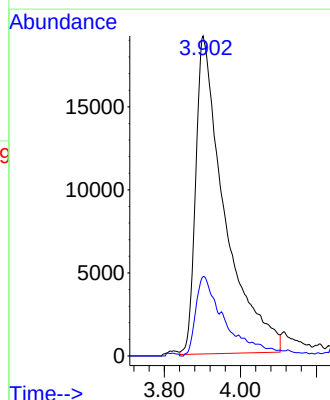
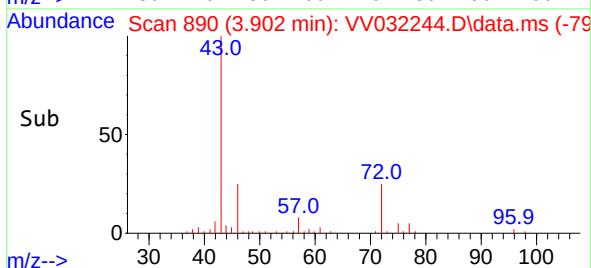
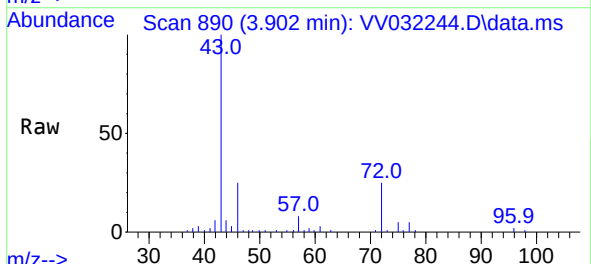


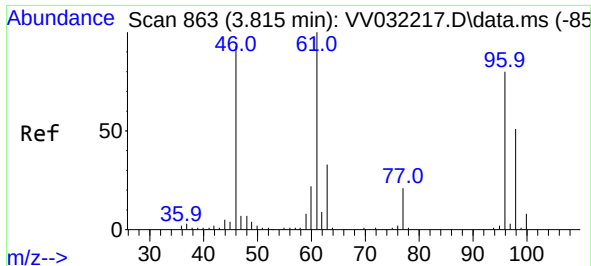
Tgt Ion: 63 Resp: 71779
Ion Ratio Lower Upper
63 100
65 32.9 22.3 41.5
83 13.1 9.0 16.6



#21
2-Butanone
Concen: 46.935 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

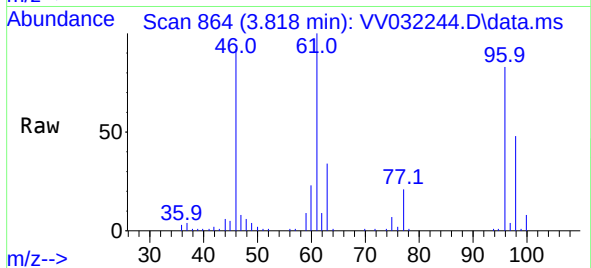
Tgt Ion: 43 Resp: 101039
Ion Ratio Lower Upper
43 100
72 15.9 11.6 34.8





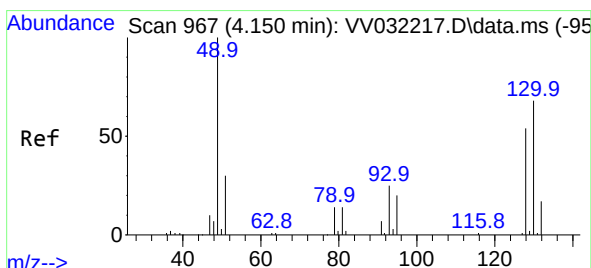
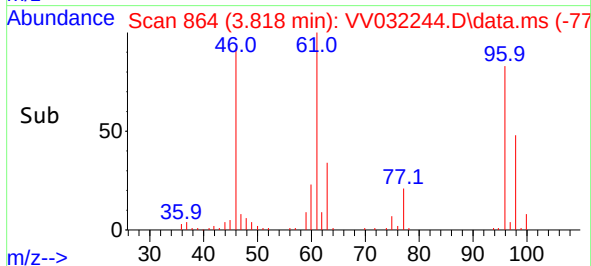
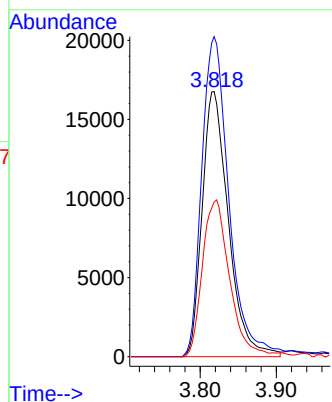
#22
 cis-1,2-Dichloroethene
 Concen: 5.111 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV032244.D
 Acq: 05 Oct 2023 09:48

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 40133

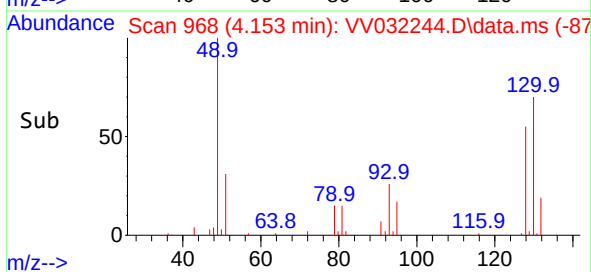
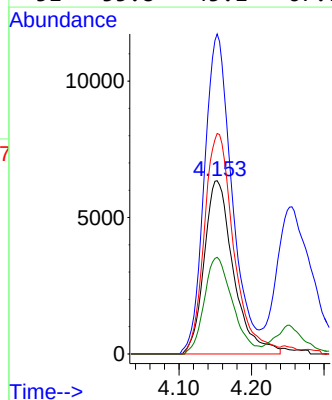
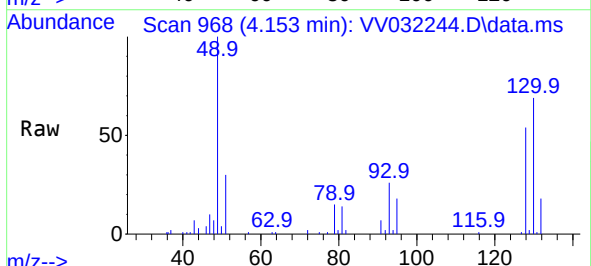
Ion	Ratio	Lower	Upper
96	100		
61	120.7	85.8	159.4
98	58.4	44.0	81.6

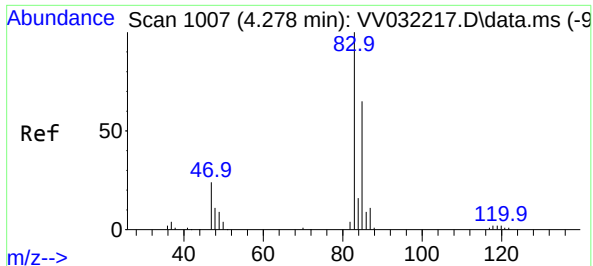


#23
 Bromochloromethane
 Concen: 5.381 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032244.D
 Acq: 05 Oct 2023 09:48

Tgt Ion: 128 Resp: 17778

Ion	Ratio	Lower	Upper
128	100		
49	184.7	121.2	225.0
130	127.2	88.2	163.8
51	55.8	45.1	67.7





#25

Chloroform

Concen: 5.268 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

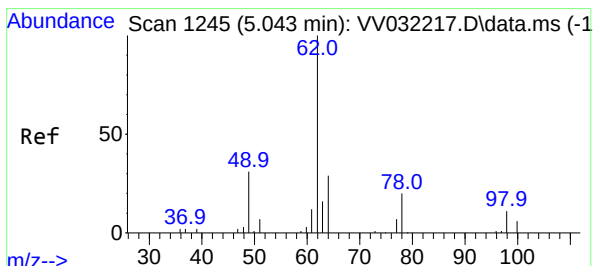
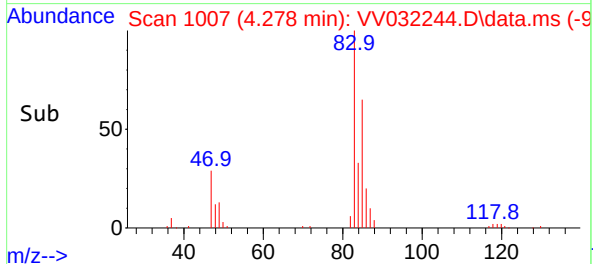
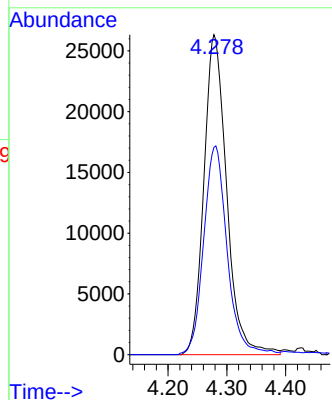
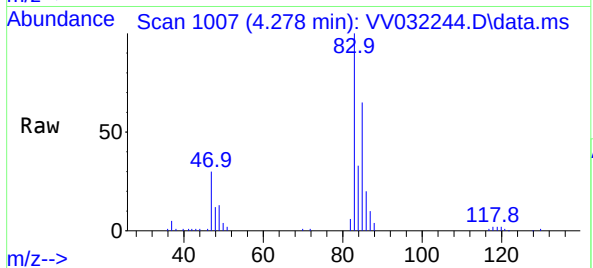
ClientSampleId :

Tgt Ion: 83 Resp: 70913

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.224 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV032244.D

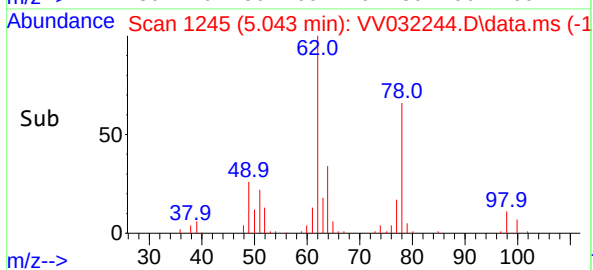
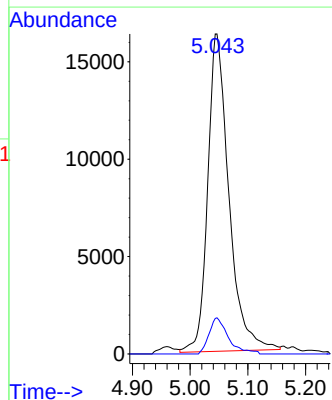
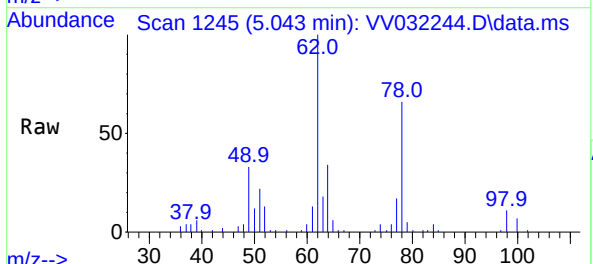
Acq: 05 Oct 2023 09:48

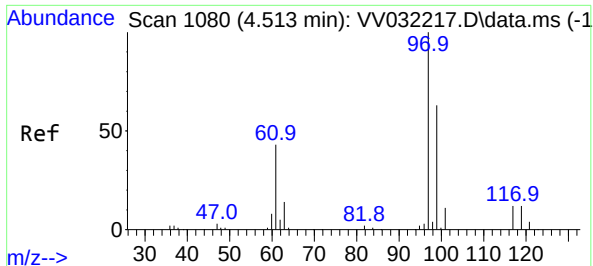
Tgt Ion: 62 Resp: 41546

Ion Ratio Lower Upper

62 100

98 11.1 7.8 11.8

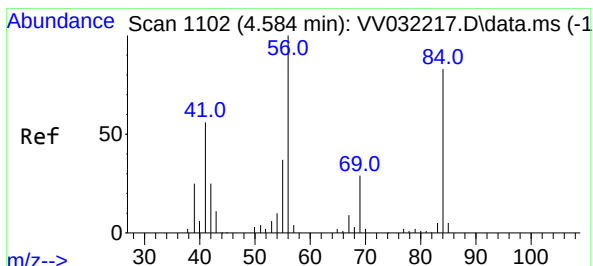
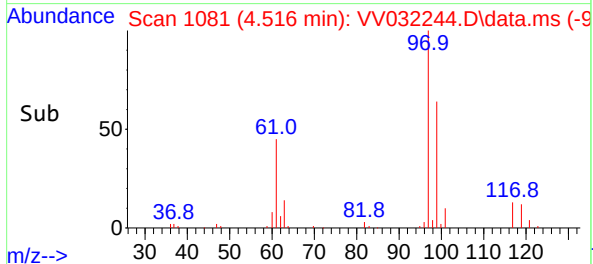
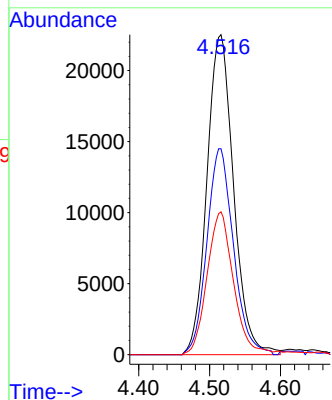
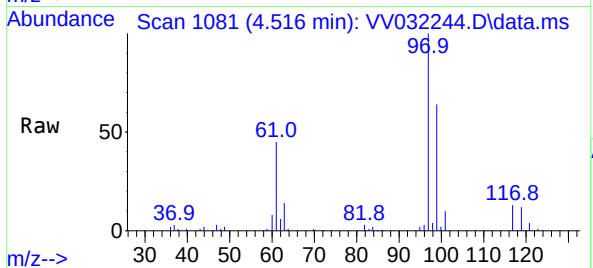




#29
1,1,1-Trichloroethane
Concen: 4.936 ug/L
RT: 4.516 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

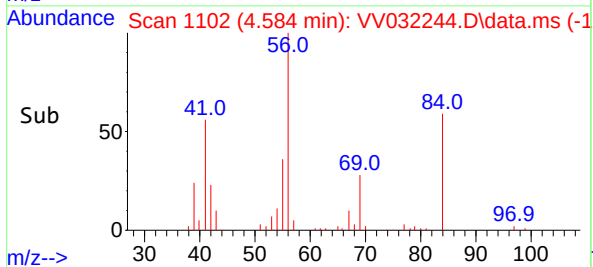
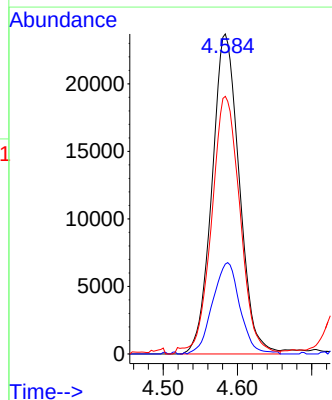
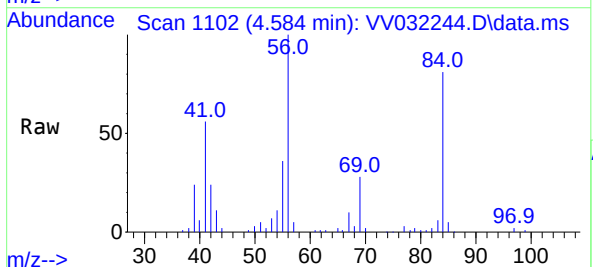
Instrument :
MSVOA_V
ClientSampleId :

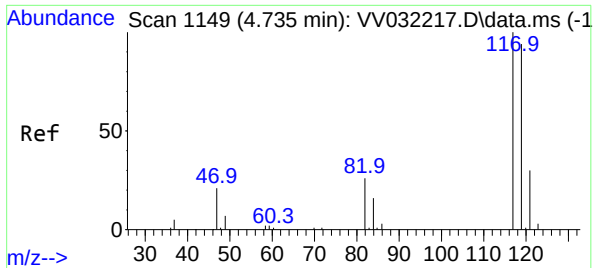
Tgt Ion: 97 Resp: 58918
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 44.1 35.1 52.7



#30
Cyclohexane
Concen: 4.609 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion: 56 Resp: 60453
Ion Ratio Lower Upper
56 100
69 28.6 24.2 36.2
84 83.8 68.1 102.1

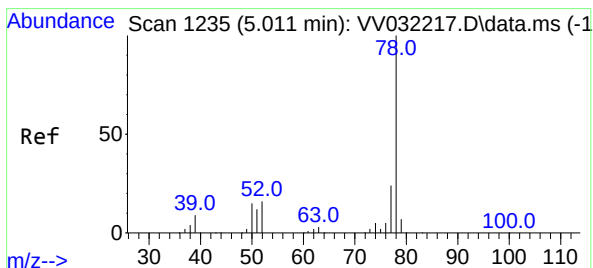
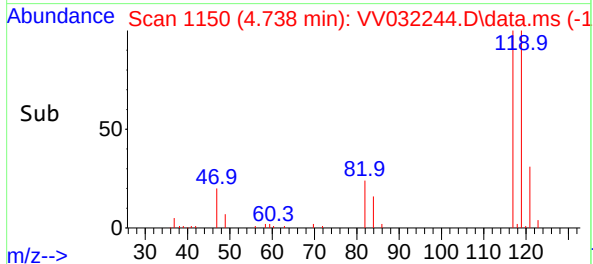
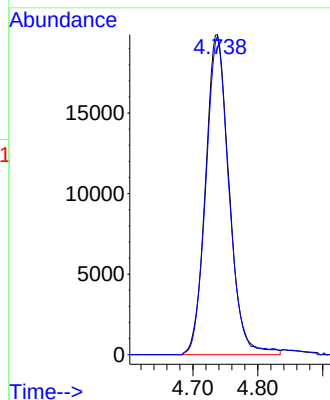
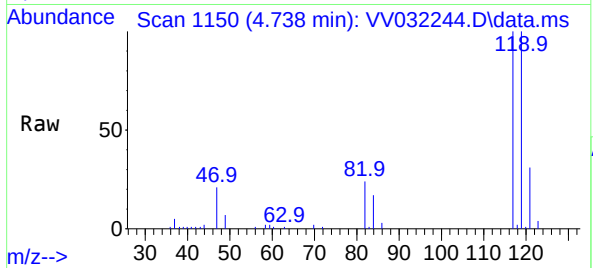




#31
Carbon tetrachloride
Concen: 4.979 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

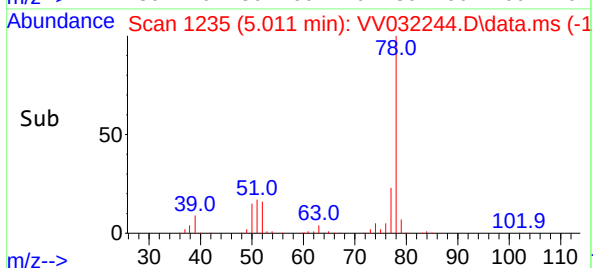
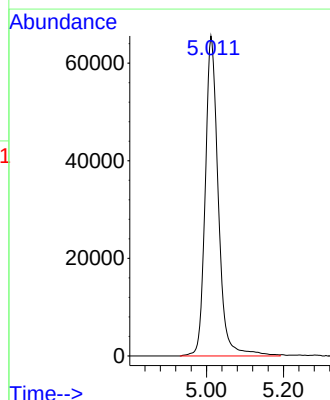
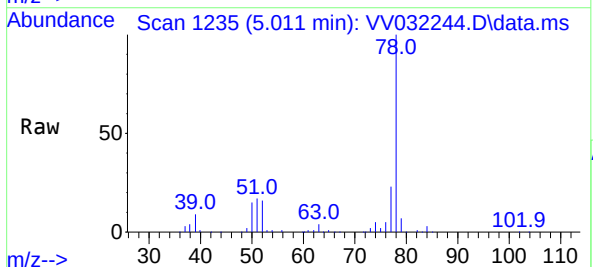
Instrument :
MSVOA_V
ClientSampleId :

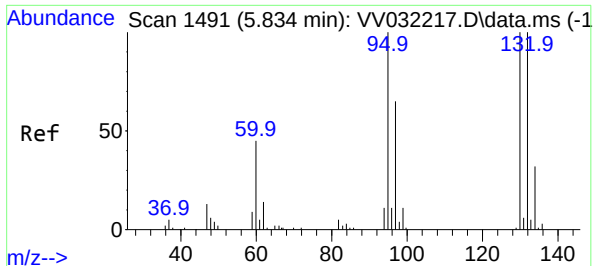
Tgt Ion:117 Resp: 50279
Ion Ratio Lower Upper
117 100
119 96.8 77.6 116.4



#33
Benzene
Concen: 4.993 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

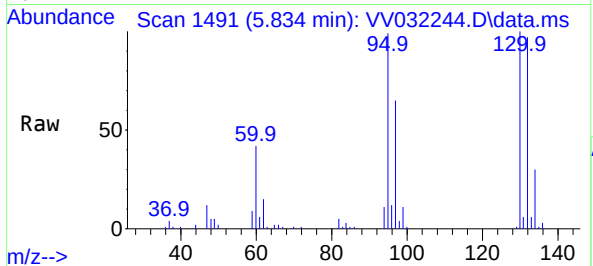
Tgt Ion: 78 Resp: 154328



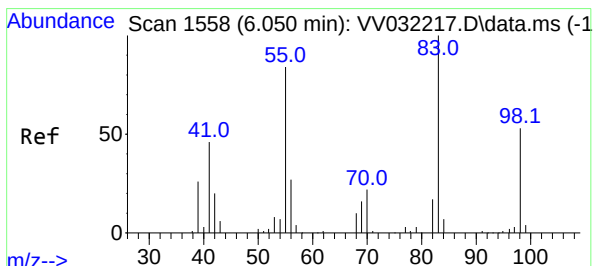
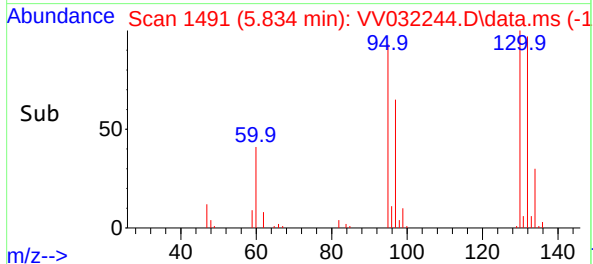
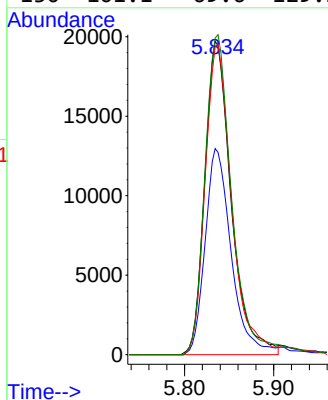


#34
Trichloroethene
Concen: 4.814 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Instrument :
MSVOA_V
ClientSampleId :

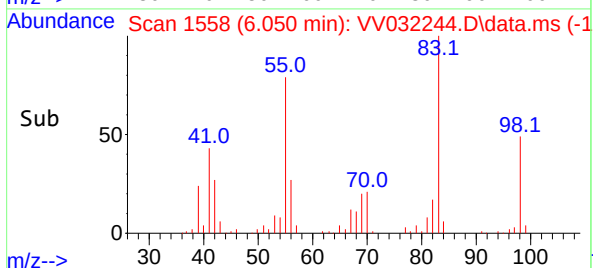
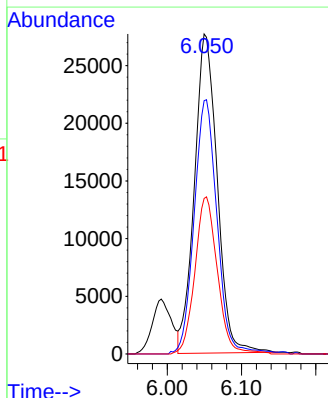
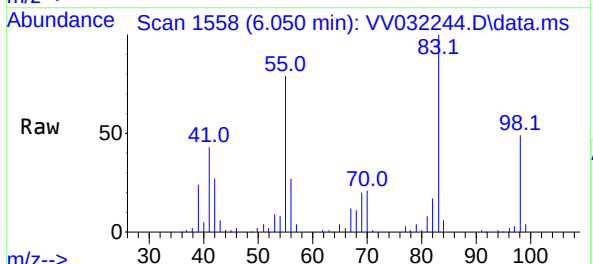


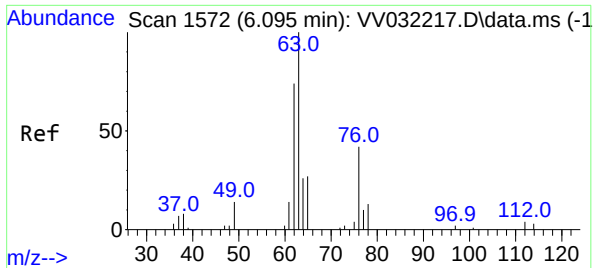
Tgt Ion: 95 Resp: 40620
Ion Ratio Lower Upper
95 100
97 65.8 45.7 84.9
132 98.3 70.3 130.5
130 101.1 69.6 129.2



#35
Methylcyclohexane
Concen: 4.530 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion: 83 Resp: 59148
Ion Ratio Lower Upper
83 100
55 80.1 64.2 96.2
98 48.5 39.6 59.4

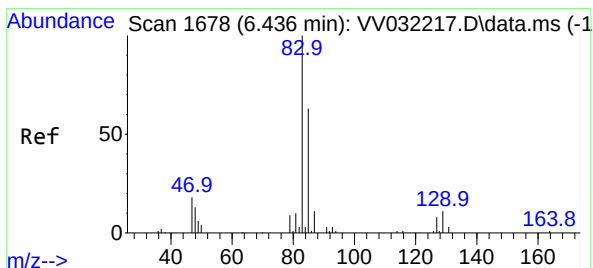
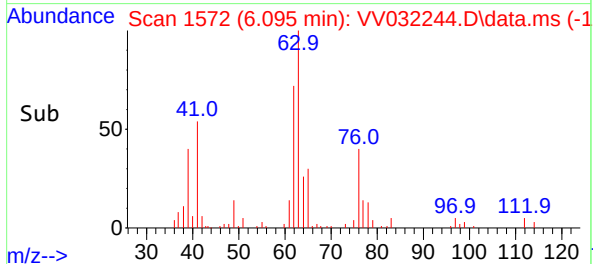
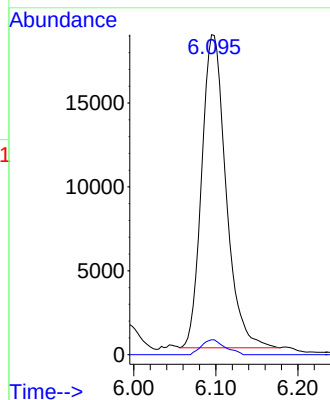
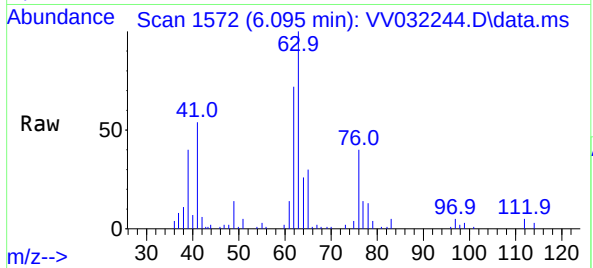




#37
1,2-Dichloropropane
Concen: 4.655 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

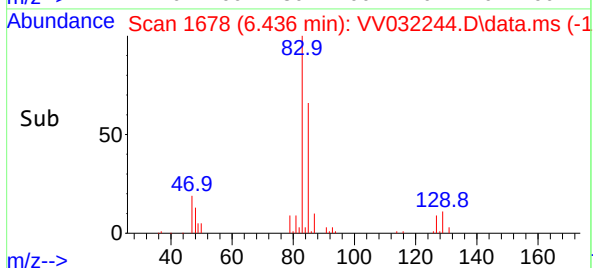
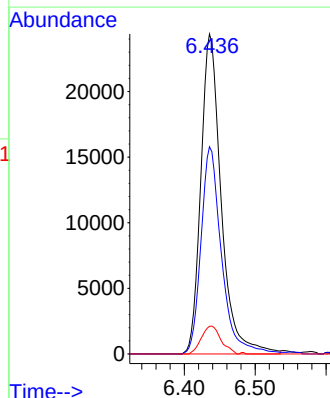
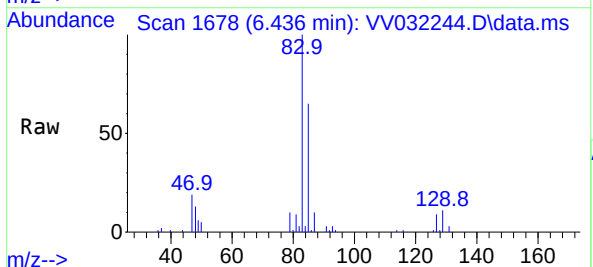
Instrument :
MSVOA_V
ClientSampleId :

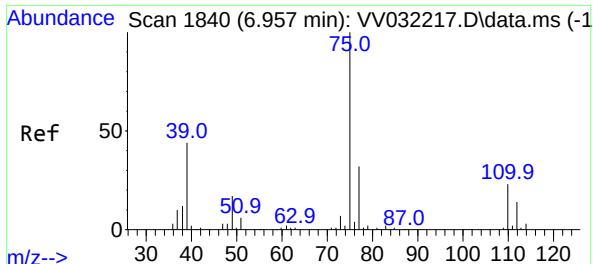
Tgt Ion: 63 Resp: 38477
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.2



#38
Bromodichloromethane
Concen: 4.966 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion: 83 Resp: 48777
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.3
127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.517 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

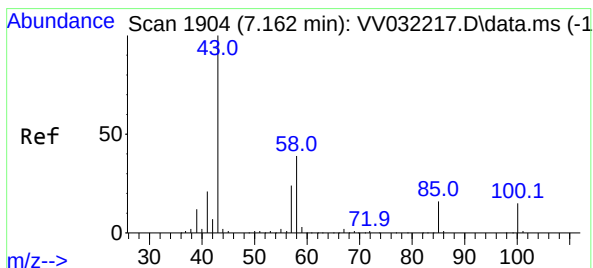
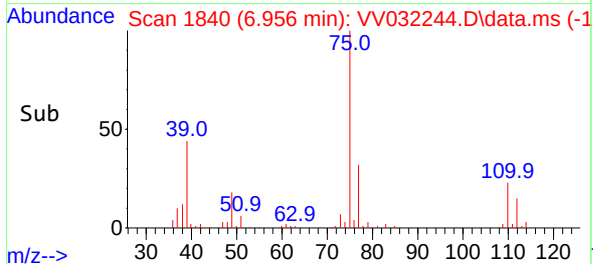
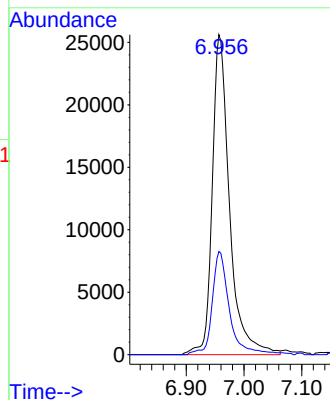
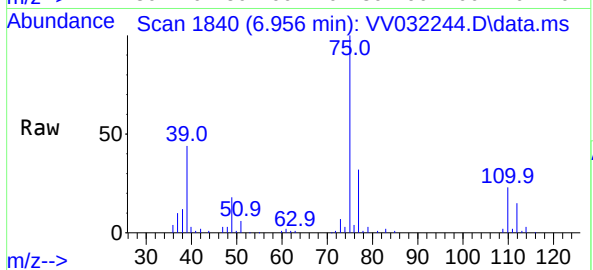
ClientSampleId :

Tgt Ion: 75 Resp: 53131

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 49.198 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

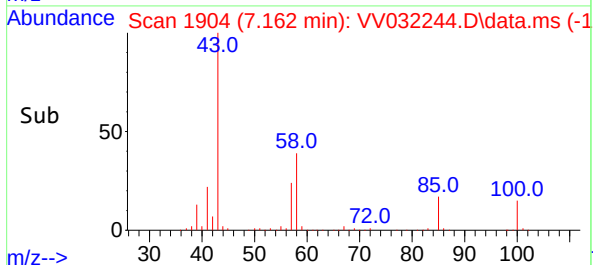
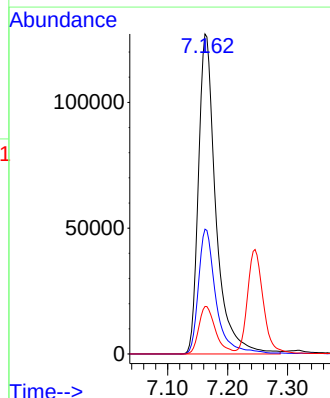
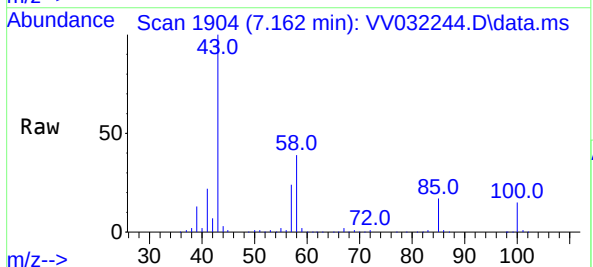
Tgt Ion: 43 Resp: 257351

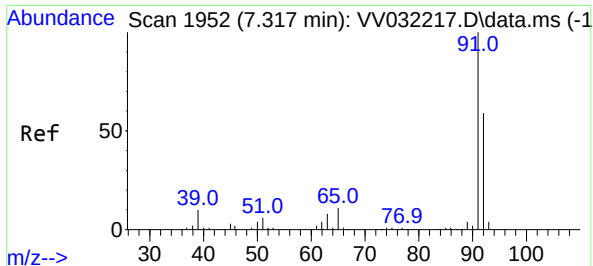
Ion Ratio Lower Upper

43 100

58 39.4 31.9 47.9

100 14.3 11.3 16.9





#42

Toluene

Concen: 4.892 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

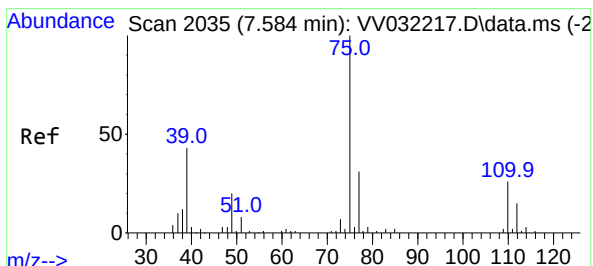
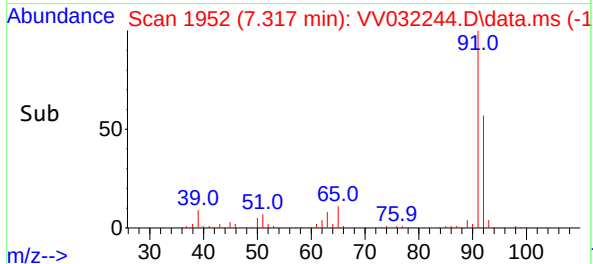
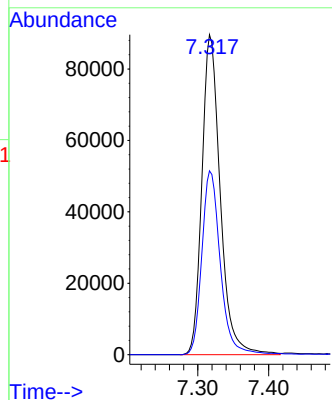
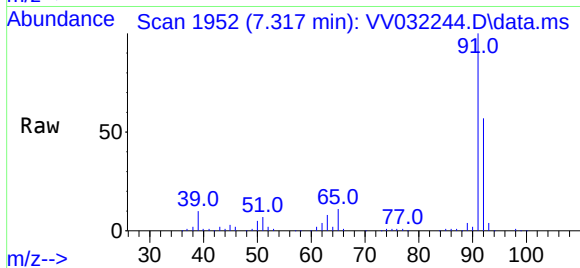
ClientSampleId :

Tgt Ion: 91 Resp: 161199

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.394 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032244.D

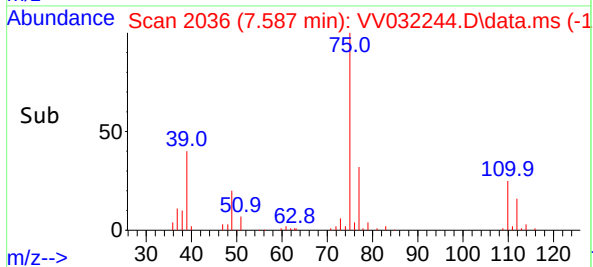
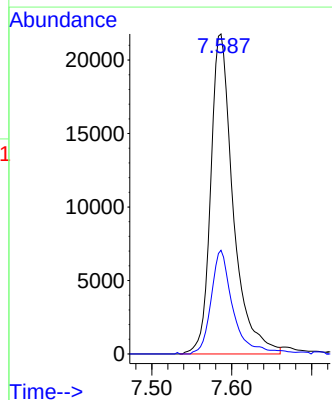
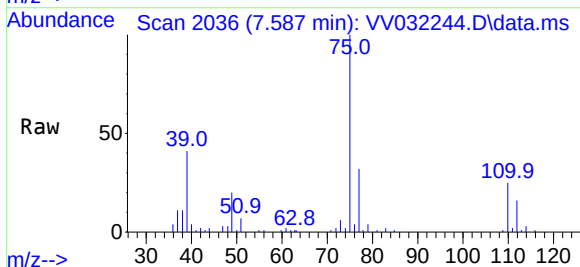
Acq: 05 Oct 2023 09:48

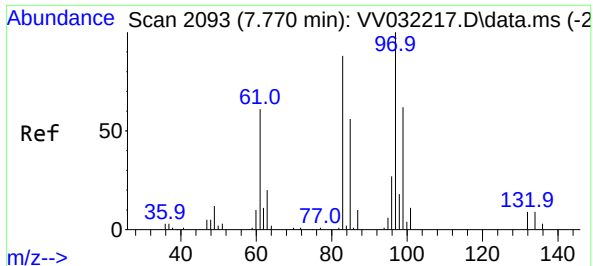
Tgt Ion: 75 Resp: 42483

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7



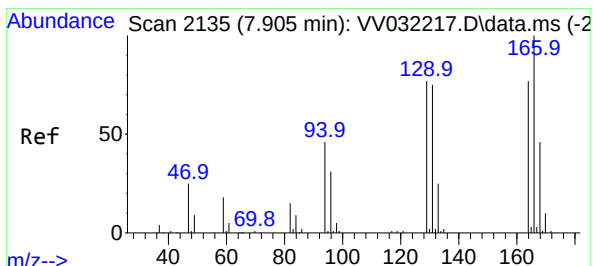
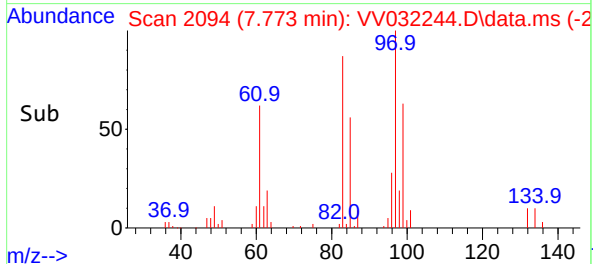
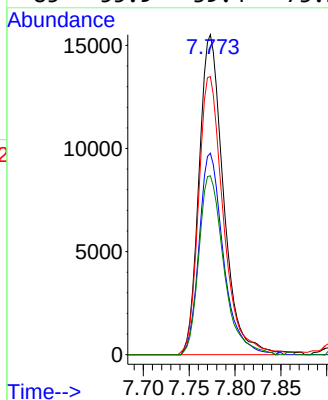
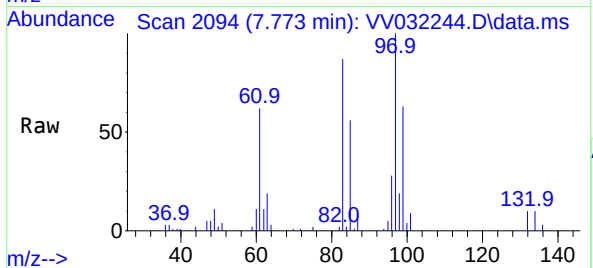


#45
1,1,2-Trichloroethane
Concen: 4.927 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 28727

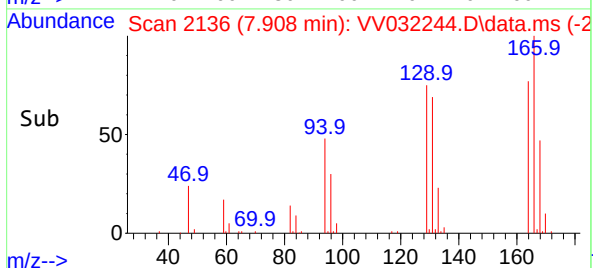
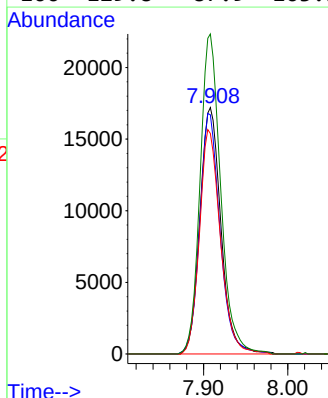
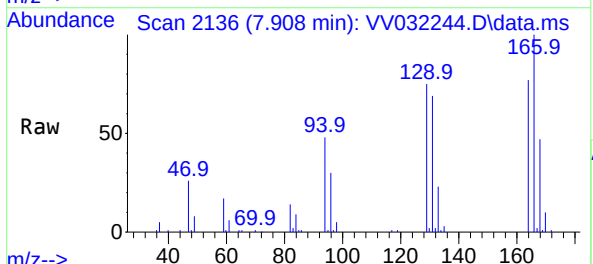
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.8	79.4
83	86.9	60.9	113.1
85	55.9	39.4	73.2

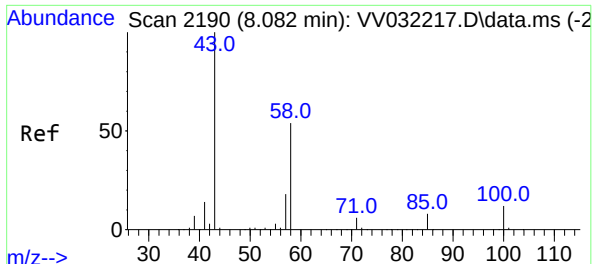


#47
Tetrachloroethene
Concen: 4.683 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion:164 Resp: 29964

Ion	Ratio	Lower	Upper
164	100		
129	97.1	66.4	123.4
131	89.4	63.7	118.3
166	129.8	87.9	163.3



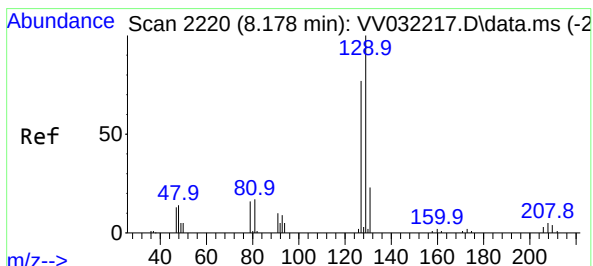
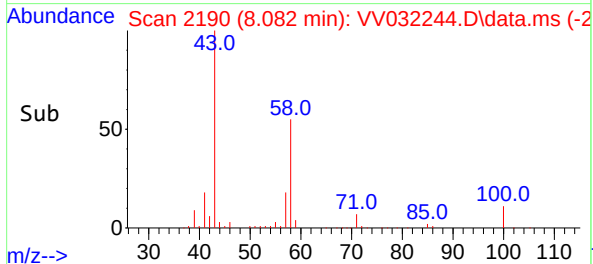
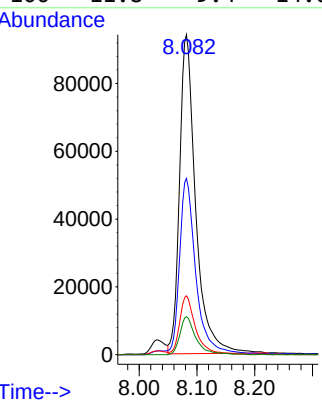
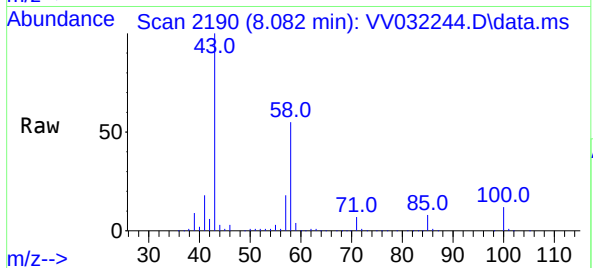


#48
2-Hexanone
Concen: 49.606 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 183077

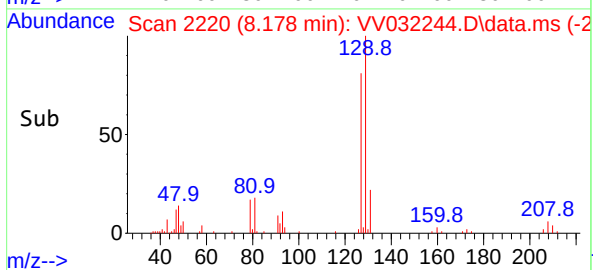
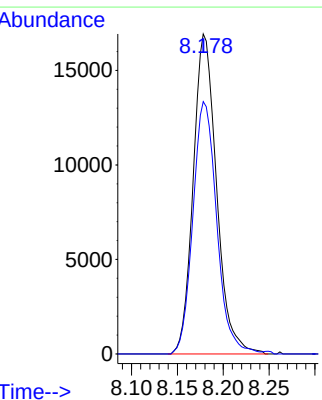
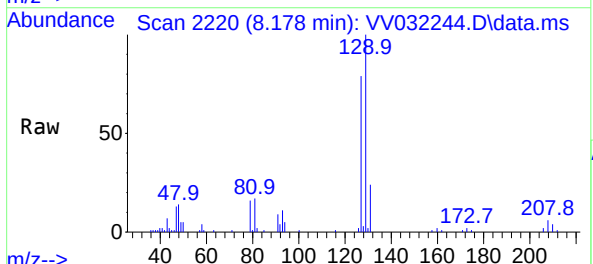
Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.6	65.4
57	18.0	14.6	22.0
100	11.8	9.4	14.0

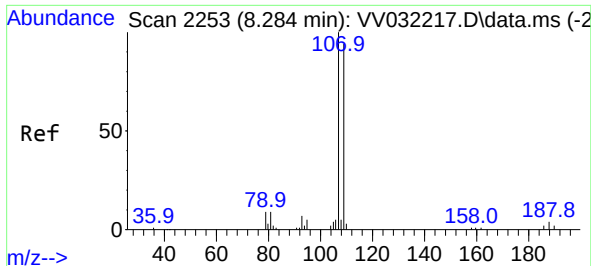


#49
Dibromochloromethane
Concen: 4.944 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion: 129 Resp: 30016

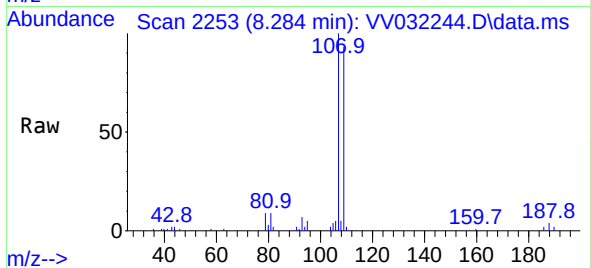
Ion	Ratio	Lower	Upper
129	100		
127	78.9	57.2	106.2



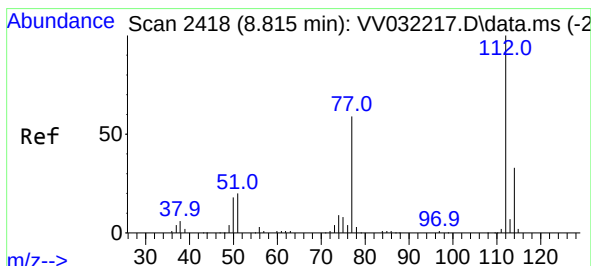
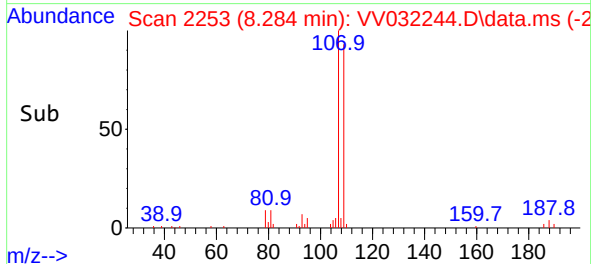
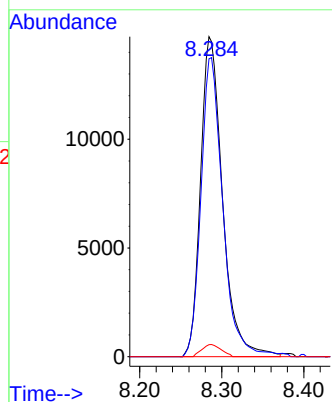


#50
1,2-Dibromoethane
Concen: 4.958 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Instrument :
MSVOA_V
ClientSampleId :

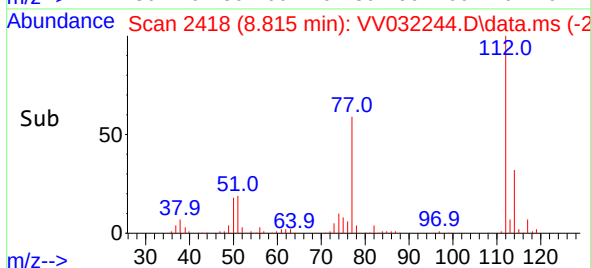
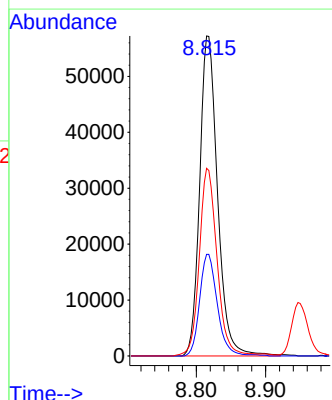
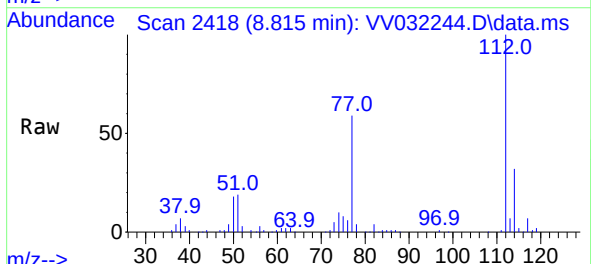


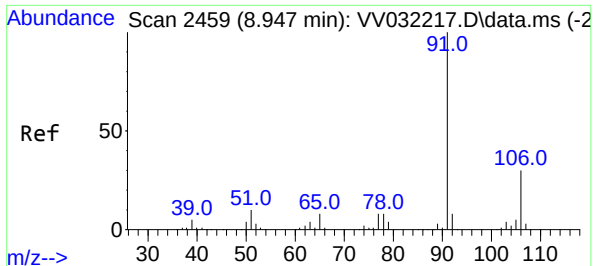
Tgt Ion:107 Resp: 27344
Ion Ratio Lower Upper
107 100
109 93.1 68.4 127.0
188 3.8 3.2 4.8



#51
Chlorobenzene
Concen: 4.838 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion:112 Resp: 102636
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 58.7 46.1 69.1





#52

Ethylbenzene

Concen: 4.675 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

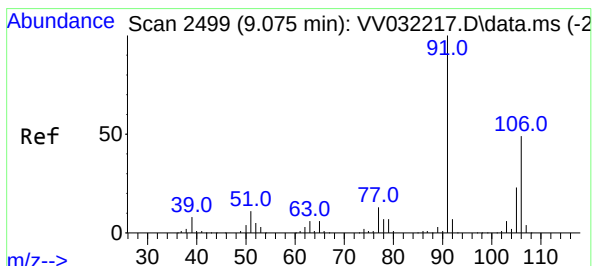
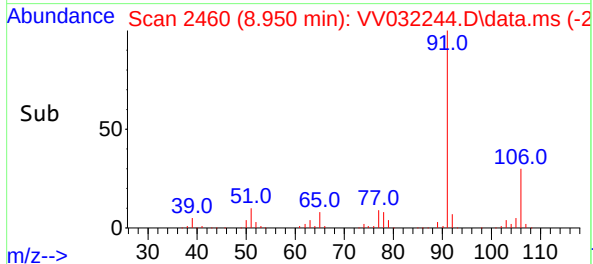
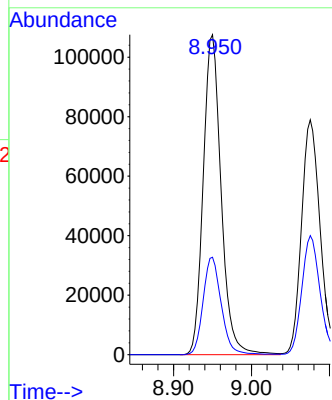
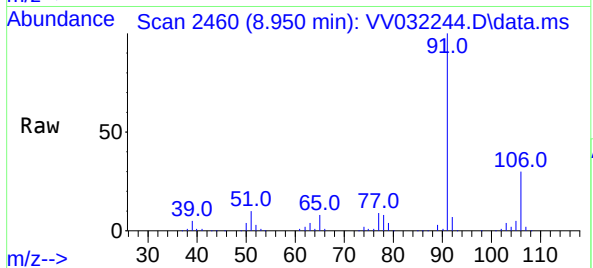
ClientSampleId :

Tgt Ion: 91 Resp: 171527

Ion Ratio Lower Upper

91 100

106 30.4 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: VV032244.D

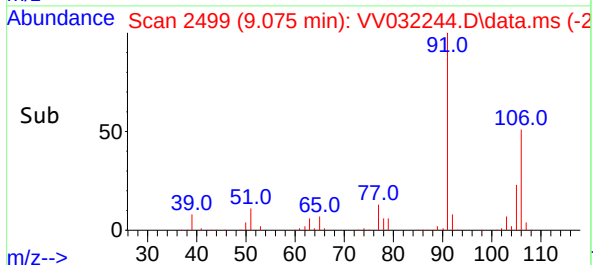
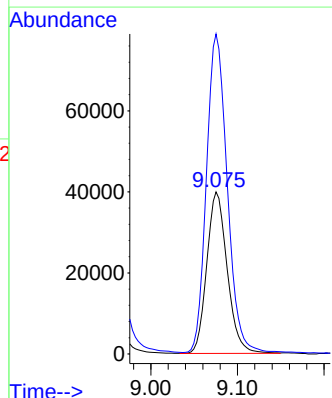
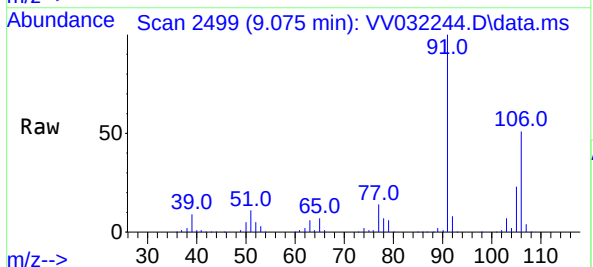
Acq: 05 Oct 2023 09:48

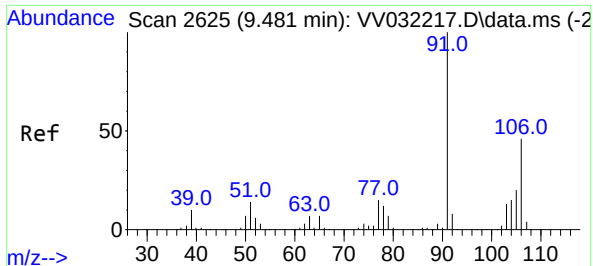
Tgt Ion:106 Resp: 65262

Ion Ratio Lower Upper

106 100

91 197.4 144.5 268.3

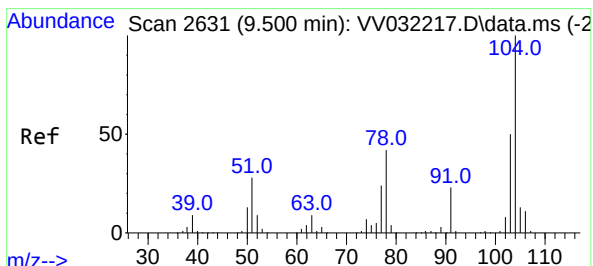
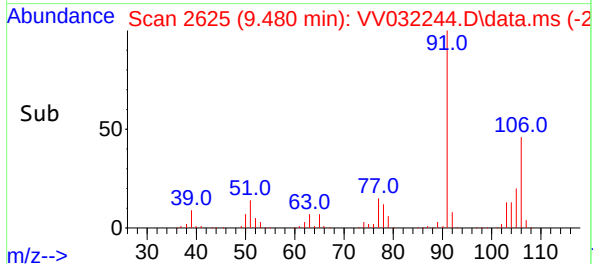
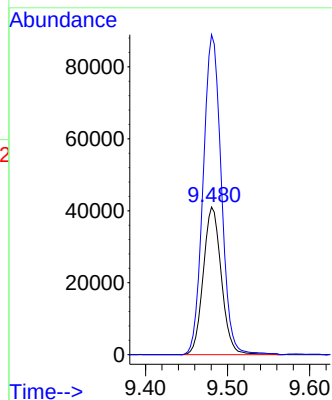
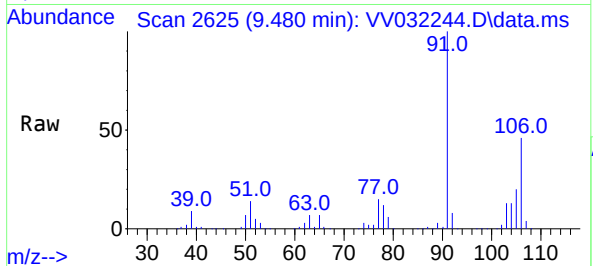




#54
o-Xylene
Concen: 4.807 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

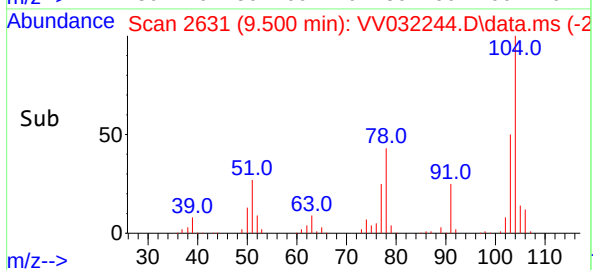
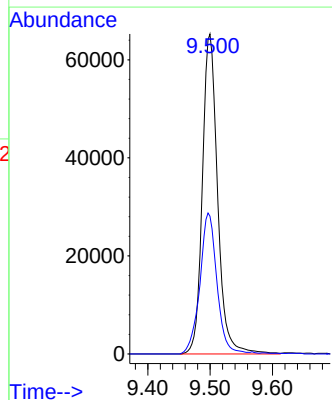
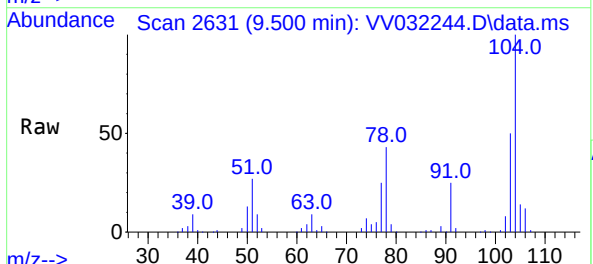
Instrument :
MSVOA_V
ClientSampleId :

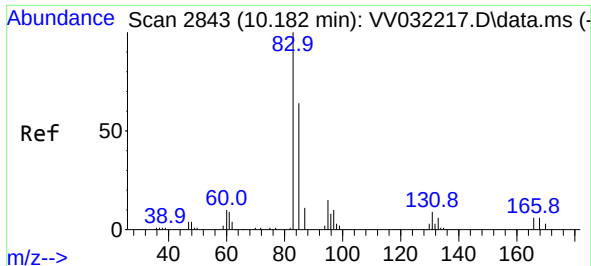
Tgt Ion:106 Resp: 63034
Ion Ratio Lower Upper
106 100
91 216.7 154.8 287.4



#55
Styrene
Concen: 5.020 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion:104 Resp: 111154
Ion Ratio Lower Upper
104 100
78 43.0 29.9 55.5

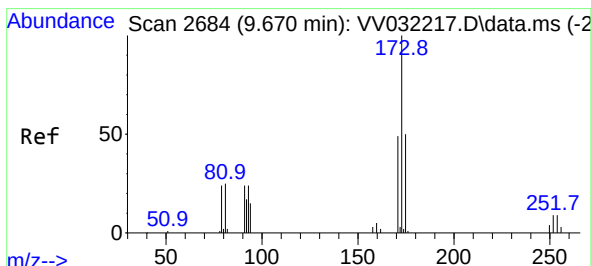
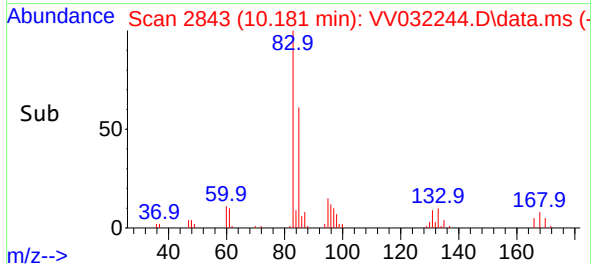
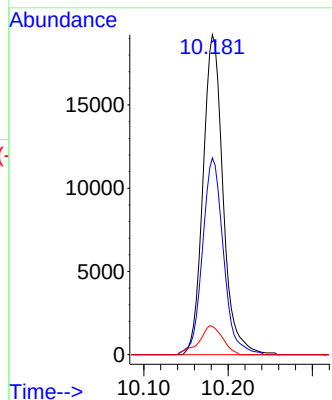
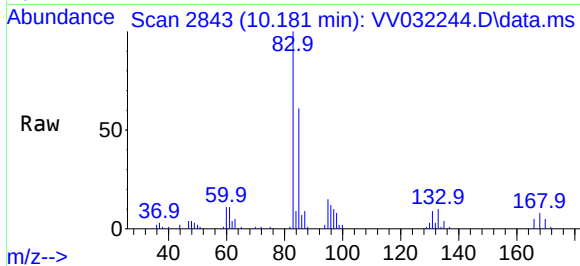




#57
1,1,2,2-Tetrachloroethane
Concen: 4.968 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

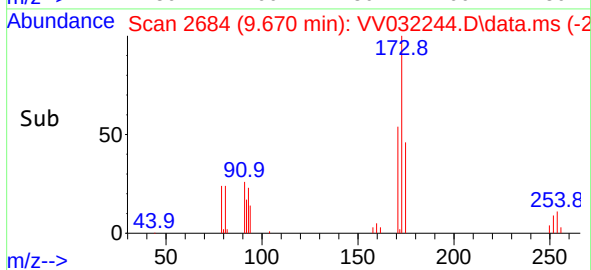
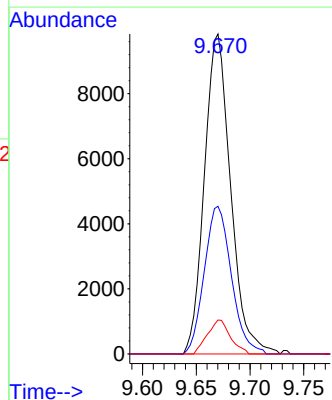
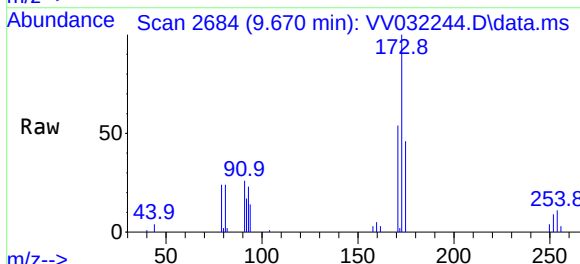
Instrument : MSVOA_V
ClientSampleId :

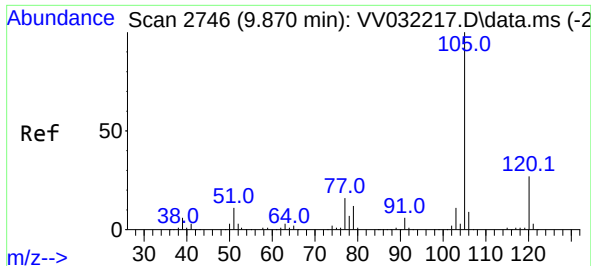
Tgt Ion:	83	Resp:	31873
Ion	Ratio	Lower	Upper
83	100		
85	61.5	43.6	81.0
131	8.8	7.0	10.6



#59
Bromoform
Concen: 5.014 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

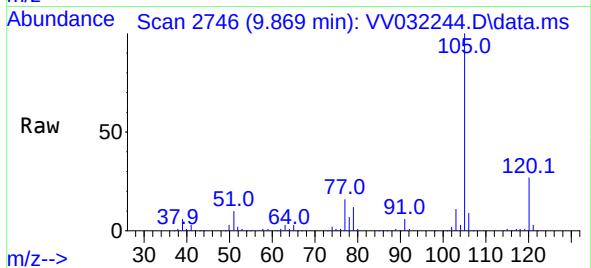
Tgt Ion:	173	Resp:	16705
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.2	57.2
254	9.2	7.0	10.4



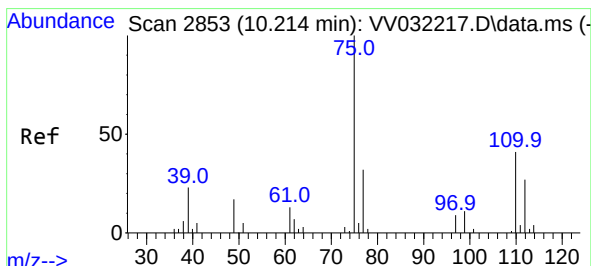
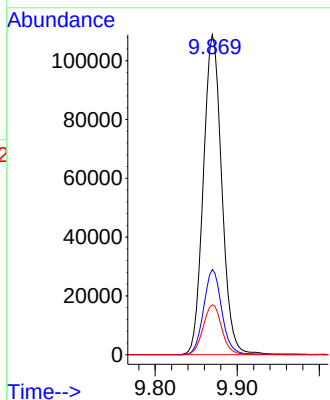
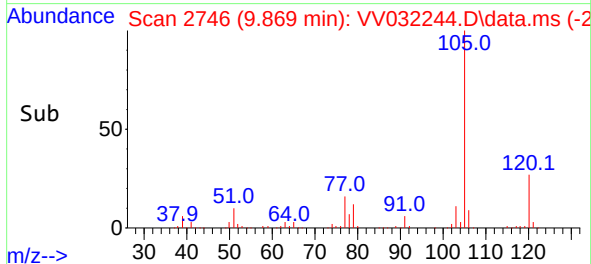


#60
Isopropylbenzene
Concen: 4.777 ug/L
RT: 9.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

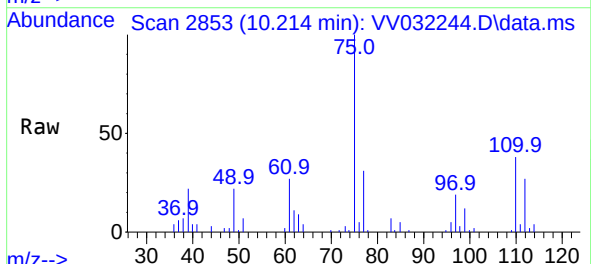
Instrument :
MSVOA_V
ClientSampleId :



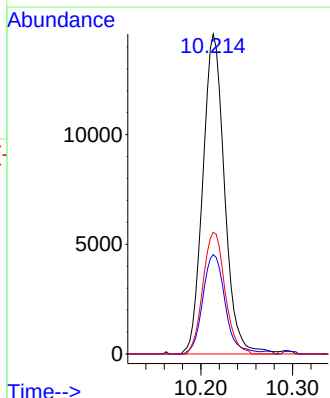
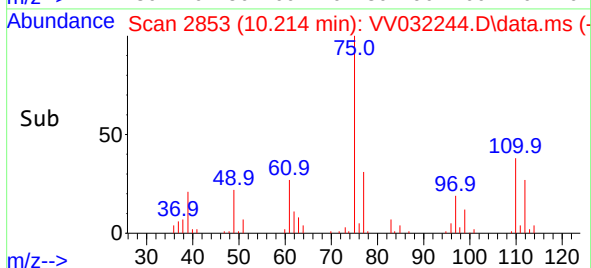
Tgt Ion:105 Resp: 170105
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.8 12.6 19.0

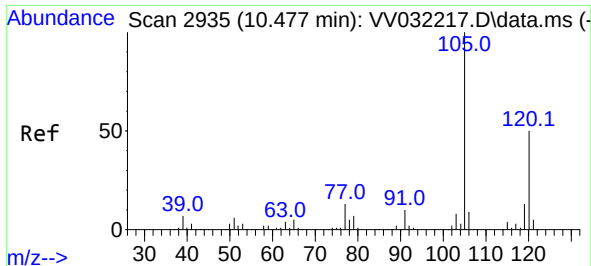


#61
1,2,3-Trichloropropane
Concen: 4.926 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48



Tgt Ion: 75 Resp: 24025
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 38.5 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.638 ug/L

RT: 10.480 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

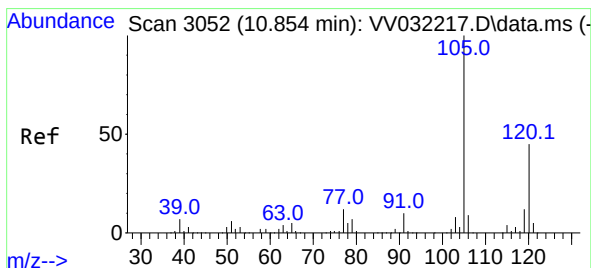
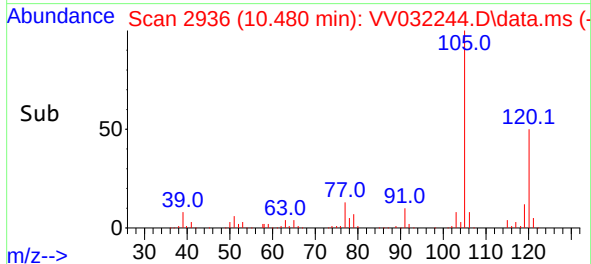
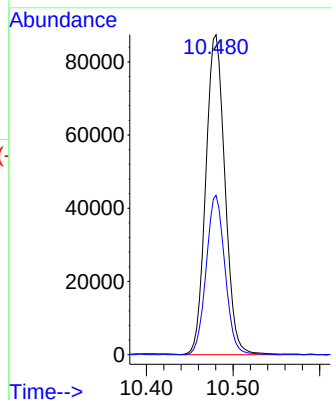
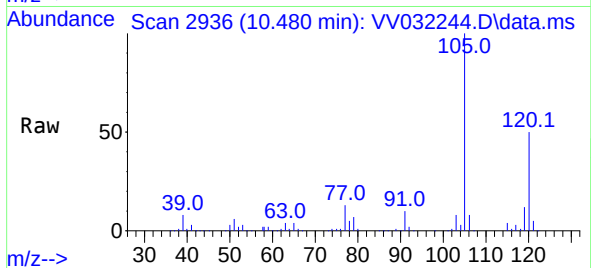
ClientSampleId :

Tgt Ion:105 Resp: 134607

Ion Ratio Lower Upper

105 100

120 48.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.741 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032244.D

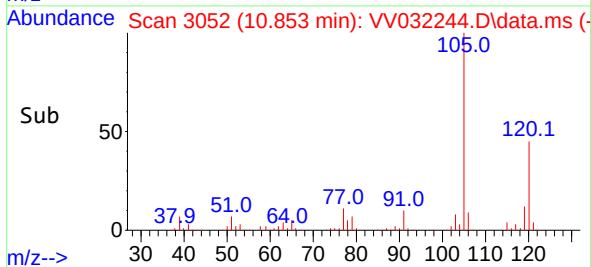
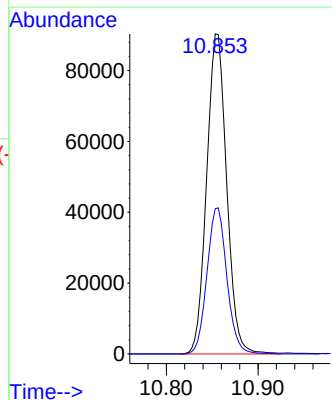
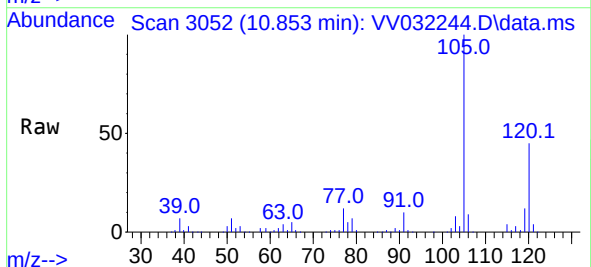
Acq: 05 Oct 2023 09:48

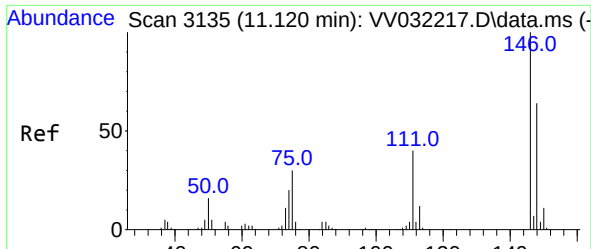
Tgt Ion:105 Resp: 136970

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4

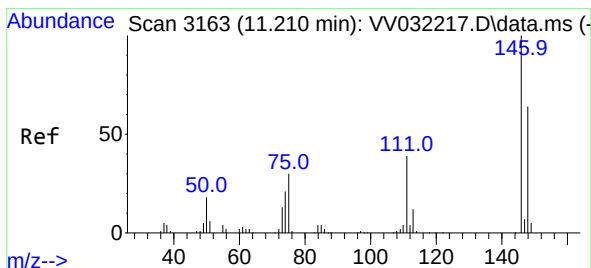
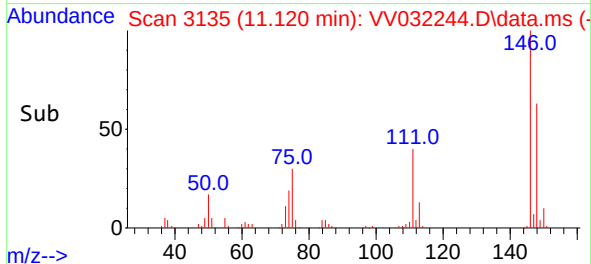
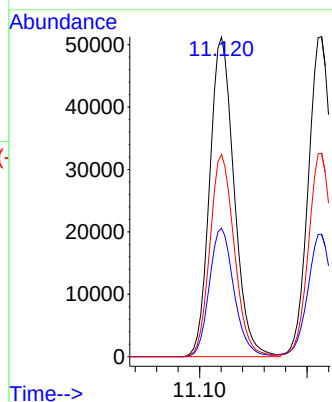
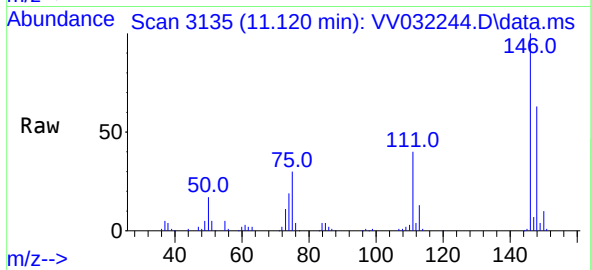




#64
1,3-Dichlorobenzene
Concen: 4.744 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

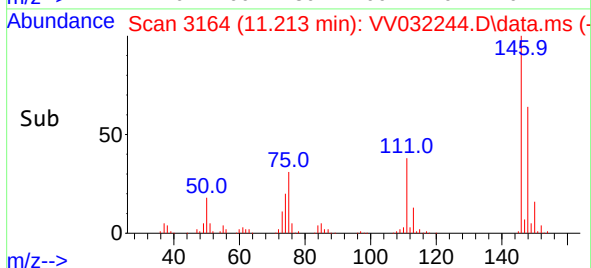
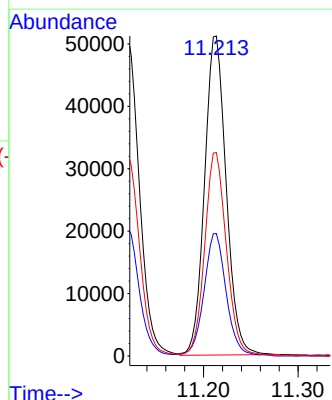
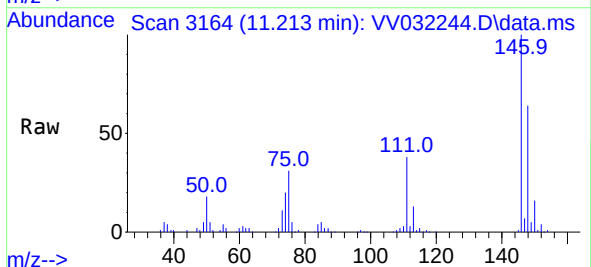
Instrument :
MSVOA_V
ClientSampleId :

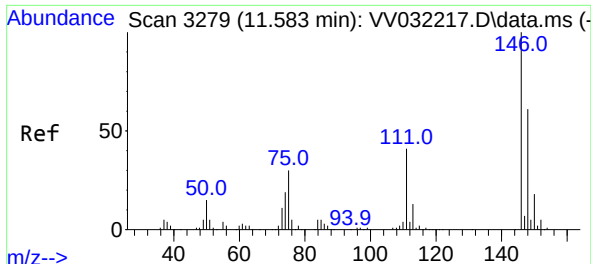
Tgt Ion:146 Resp: 80702
Ion Ratio Lower Upper
146 100
111 40.2 27.8 51.6
148 63.3 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.758 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion:146 Resp: 81205
Ion Ratio Lower Upper
146 100
111 38.2 26.9 49.9
148 63.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.834 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

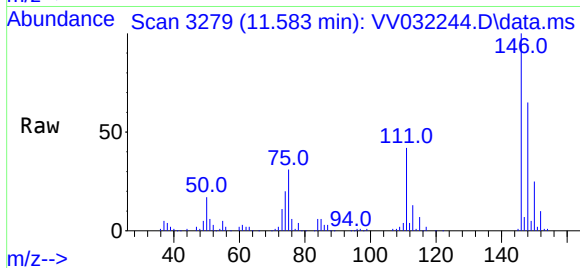
Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

Instrument :

MSVOA_V

ClientSampleId :



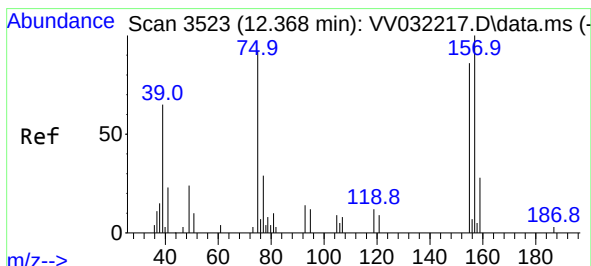
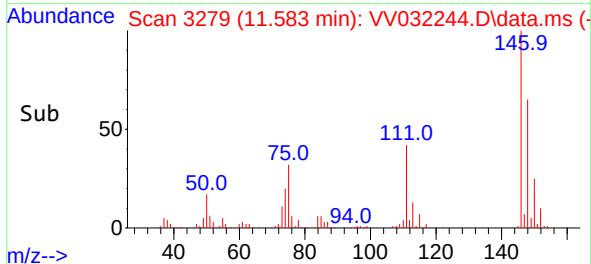
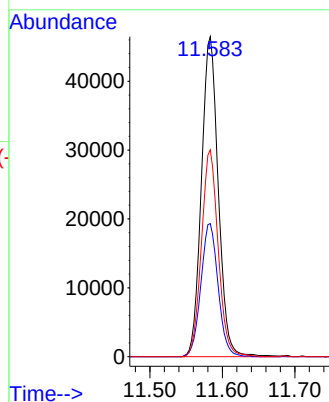
Tgt Ion:146 Resp: 74997

Ion Ratio Lower Upper

146 100

111 41.6 32.8 49.2

148 64.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.465 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032244.D

Acq: 05 Oct 2023 09:48

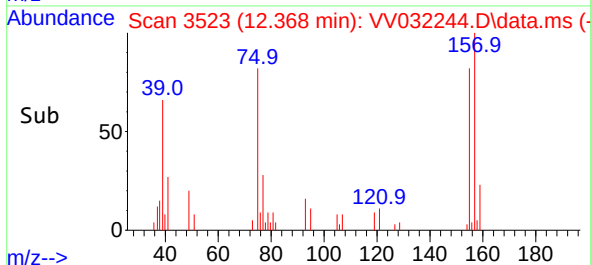
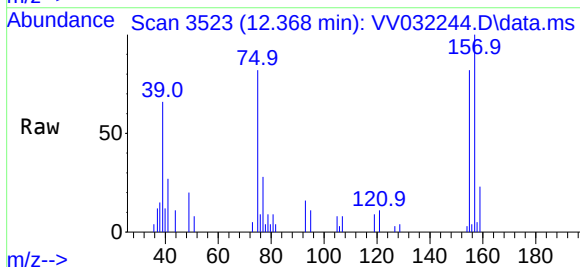
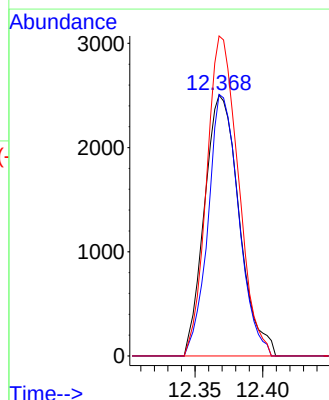
Tgt Ion: 75 Resp: 4449

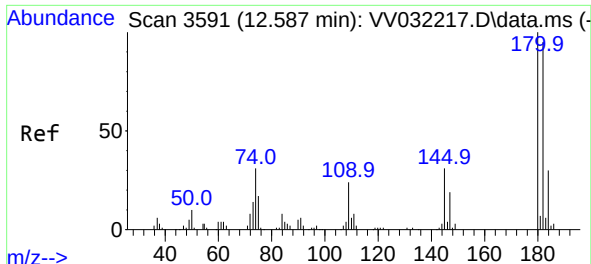
Ion Ratio Lower Upper

75 100

155 100.3 70.2 105.4

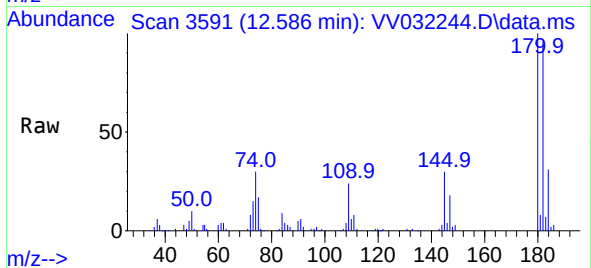
157 122.7 90.6 135.8



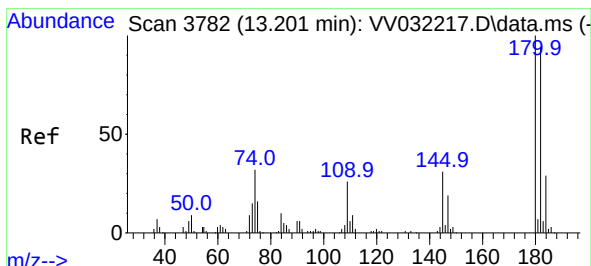
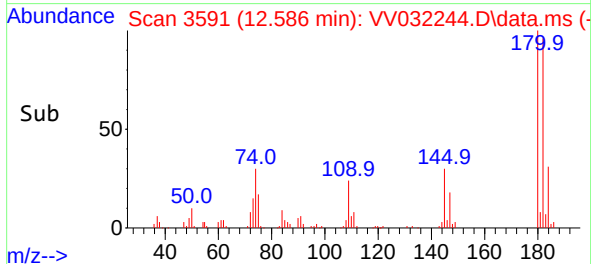
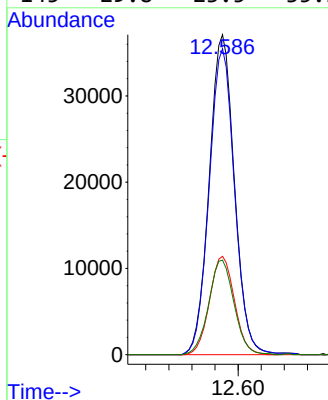


#69
 1,3,5-Trichlorobenzene
 Concen: 4.508 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. -0.000 min
 Lab File: VV032244.D
 Acq: 05 Oct 2023 09:48

Instrument :
 MSVOA_V
 ClientSampleId :

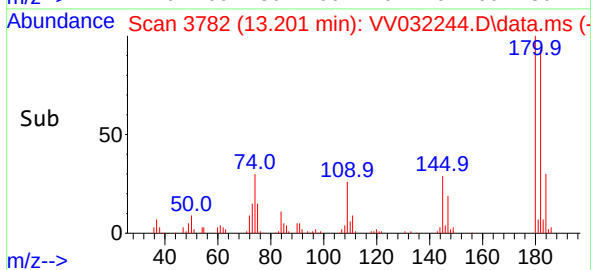
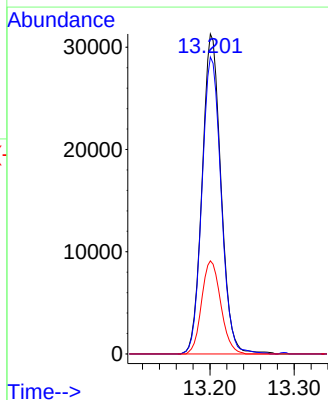
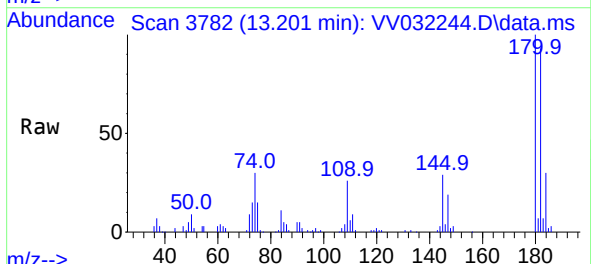


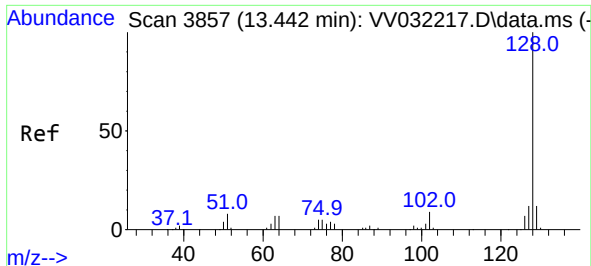
Tgt Ion:180 Resp: 56158
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.6 112.0
 184 30.4 24.1 36.1
 145 29.8 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.403 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032244.D
 Acq: 05 Oct 2023 09:48

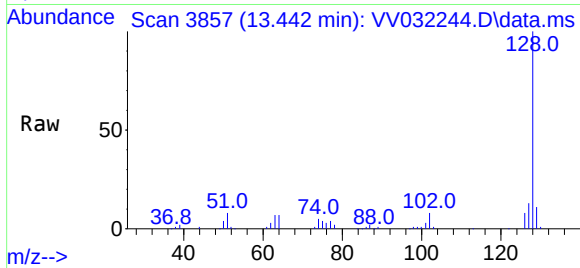
Tgt Ion:180 Resp: 48648
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.5 114.7
 145 29.6 24.3 36.5



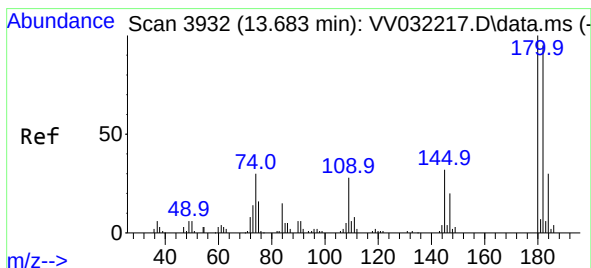
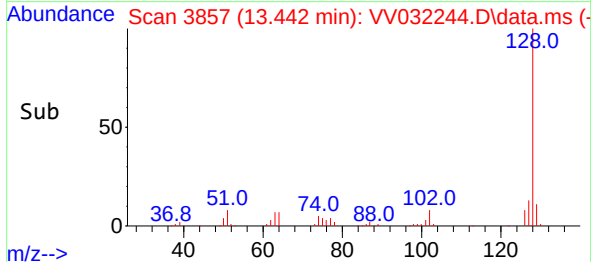
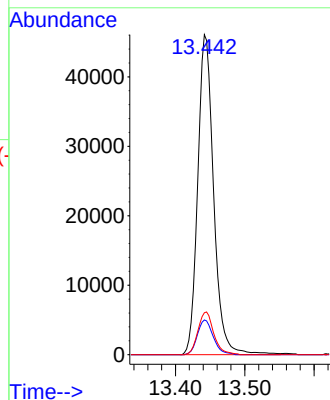


#71
Naphthalene
Concen: 3.921 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 73605
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.558 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032244.D
Acq: 05 Oct 2023 09:48

Tgt Ion:180 Resp: 43396
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.4
145 31.8 25.7 38.5

