

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092623\
 Data File : VW032174.D
 Acq On : 26 Sep 2023 09:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 02:38:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:18:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	247935	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	239338	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	130361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75107	48.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.900%
7) Chloroethane-d5	1.529	69	64845	48.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	32246	48.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.260%
21) 2-Butanone-d5	3.783	46	127482	92.403	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.400%
24) Chloroform-d	4.249	84	153081	47.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	4.944	65	92321	47.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
32) Benzene-d6	4.960	84	294924	46.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
36) 1,2-Dichloropropane-d6	5.989	67	98992	47.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.300%
41) Toluene-d8	7.246	98	268520	46.781	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	7.555	79	47298	47.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.700%
47) 2-Hexanone-d5	8.027	63	81745	90.158	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	135396	45.340	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.680%
66) 1,2-Dichlorobenzene-d4	11.564	152	108741	45.998	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	101071	48.141	ug/L	96
3) Chloromethane	1.217	50	106847	46.932	ug/L	98
5) Vinyl chloride	1.282	62	107539	47.955	ug/L	98
6) Bromomethane	1.484	94	64173	50.435	ug/L	97
8) Chloroethane	1.548	64	65416	46.862	ug/L	99
9) Trichlorofluoromethane	1.712	101	138029	47.956	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	84909	48.923	ug/L	99
12) 1,1-Dichloroethene	2.069	96	78361	48.798	ug/L	98
13) Acetone	2.111	43	156221	121.039	ug/L	99
14) Carbon disulfide	2.240	76	244757	47.626	ug/L	99
15) Methyl Acetate	2.372	43	103518	44.957	ug/L	100
16) Methylene chloride	2.445	84	92945	45.842	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	84533	46.698	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	282238	46.602	ug/L	100
19) 1,1-Dichloroethane	3.111	63	169735	47.820	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	95481	46.845	ug/L	100
22) 2-Butanone	3.863	43	180468	104.150	ug/L	98
23) Bromochloromethane	4.146	128	48155	47.171	ug/L	98
25) Chloroform	4.278	83	162177	46.807	ug/L	100

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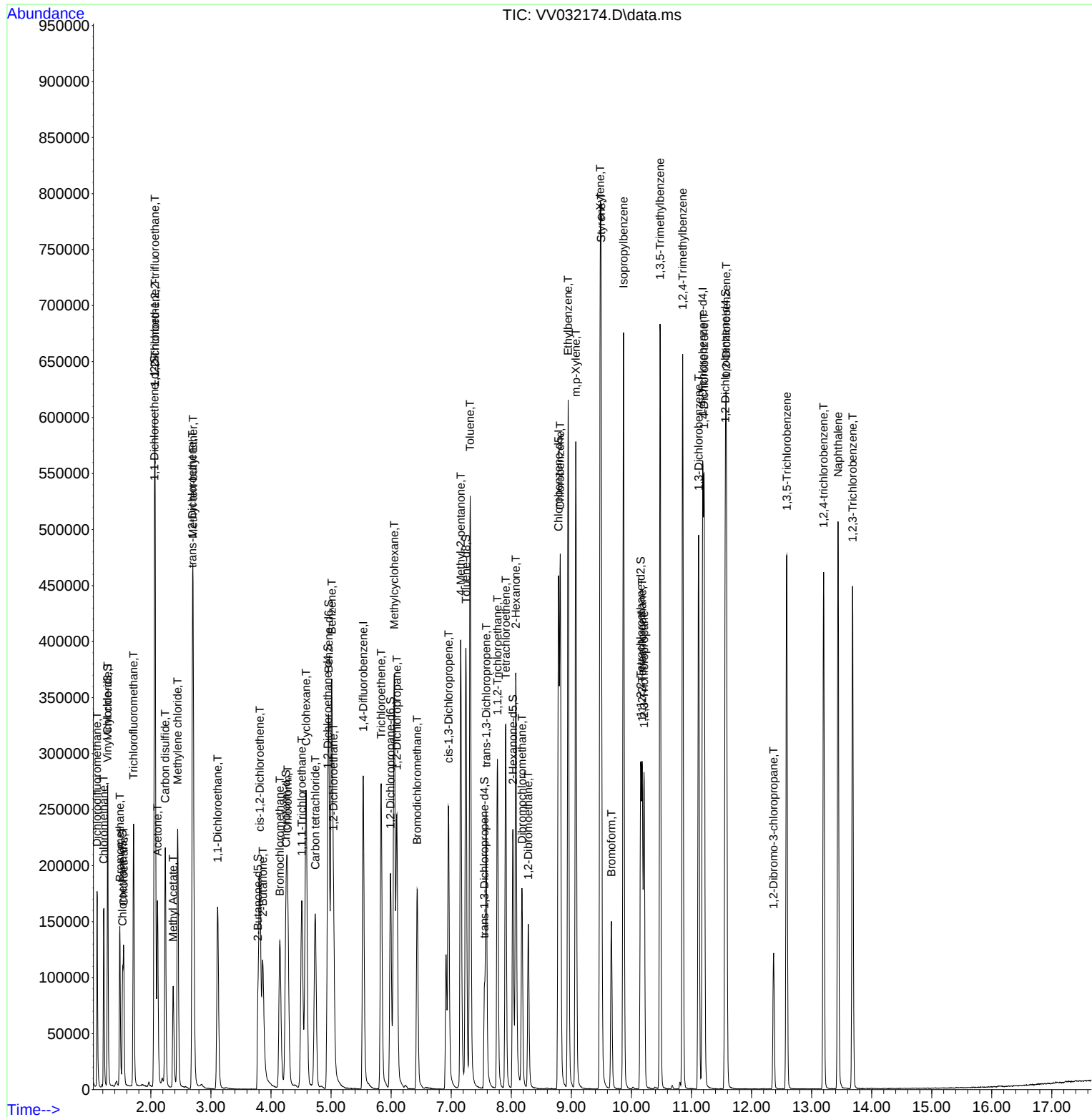
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	122351	46.721	ug/L	100
29) Cyclohexane	4.584	56	157247	47.063	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	141144	47.293	ug/L	100
31) Carbon tetrachloride	4.738	117	120252	46.656	ug/L	99
33) Benzene	5.011	78	360556	47.227	ug/L	100
34) Trichloroethene	5.834	95	102040	48.547	ug/L	98
35) Methylcyclohexane	6.053	83	153804	45.768	ug/L	97
37) 1,2-Dichloropropane	6.095	63	96157	45.902	ug/L	100
38) Bromodichloromethane	6.432	83	124378	47.232	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	159862	48.120	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	280836	89.950	ug/L	100
42) Toluene	7.317	91	386711	47.443	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	144654	47.547	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	92686	46.384	ug/L	99
46) Tetrachloroethene	7.908	164	72384	47.391	ug/L	97
48) 2-Hexanone	8.075	43	241579	99.049	ug/L	99
49) Dibromochloromethane	8.178	129	93431	47.025	ug/L	100
50) 1,2-Dibromoethane	8.284	107	99086	46.568	ug/L	99
51) Chlorobenzene	8.815	112	244368	46.465	ug/L	99
52) Ethylbenzene	8.947	91	430450	47.278	ug/L	100
53) m,p-Xylene	9.075	106	162602	47.933	ug/L	99
54) o-Xylene	9.481	106	155690	46.589	ug/L	99
55) Styrene	9.497	104	271528	47.627	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	139943	44.945	ug/L	99
59) Bromoform	9.667	173	66529	45.927	ug/L	98
60) Isopropylbenzene	9.870	105	426037	46.955	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	111501	44.000	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	351253	47.120	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	343964	46.910	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	195839	46.169	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	199301	46.513	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	191709	45.948	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	30116	43.042	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	143240	46.637	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	132160	45.753	ug/L	99
71) Naphthalene	13.442	128	380466	39.985	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	128644	44.824	ug/L	99

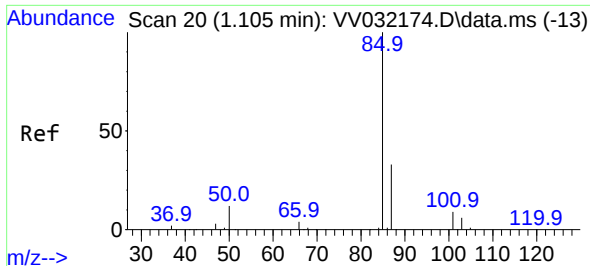
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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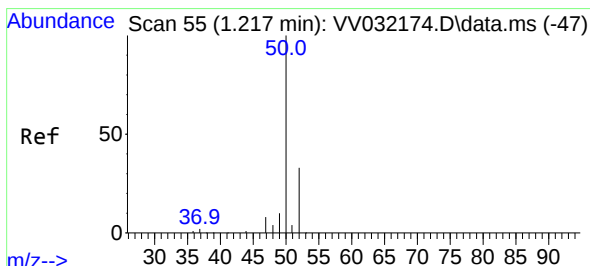
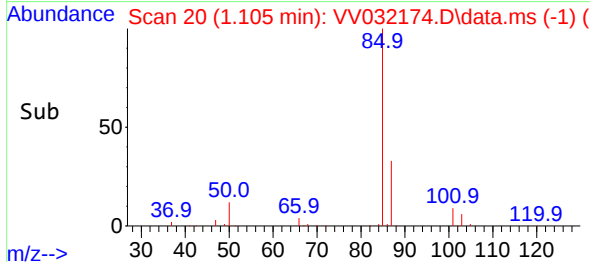
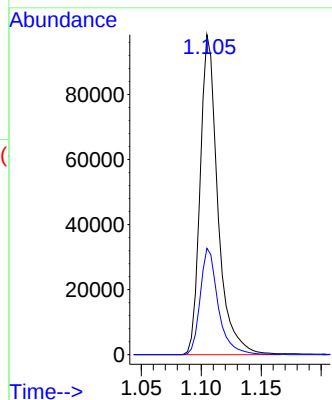
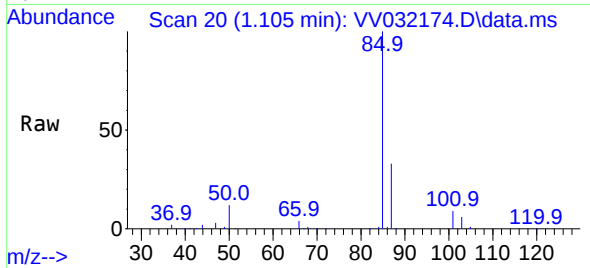




#2
 Dichlorodifluoromethane
 Concen: 48.141 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032174.D
 Acq: 26 Sep 2023 09:08

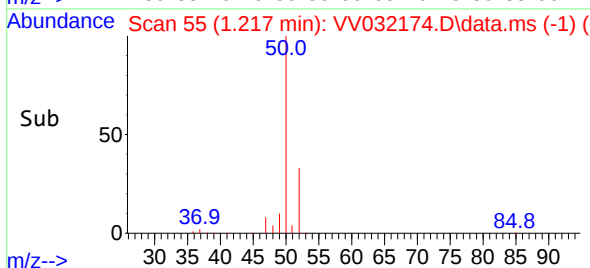
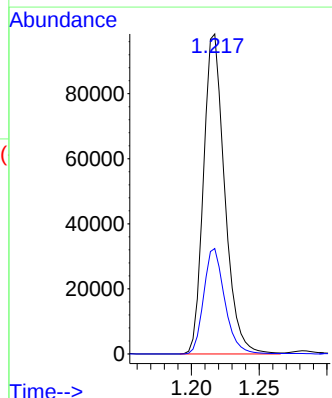
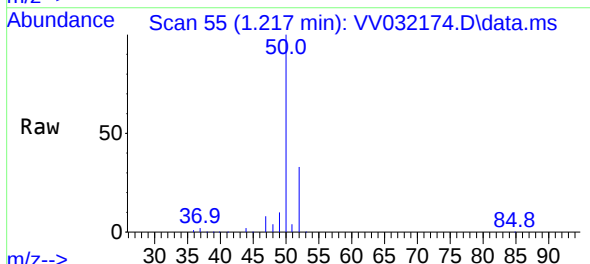
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 101071
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.4 38.0

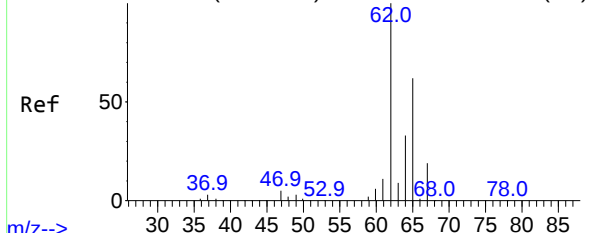


#3
 Chloromethane
 Concen: 46.932 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032174.D
 Acq: 26 Sep 2023 09:08

Tgt Ion: 50 Resp: 106847
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.4 41.6

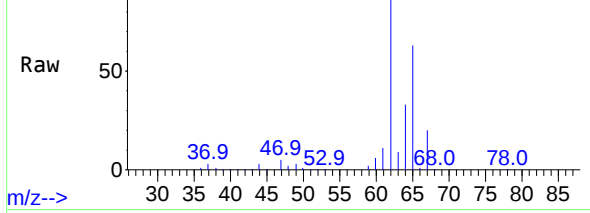


Abundance Scan 75 (1.282 min): VV032174.D\data.ms (-68)



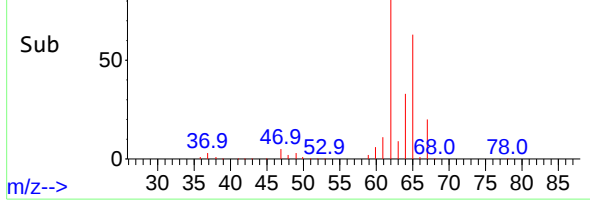
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Abundance Scan 75 (1.282 min): VV032174.D\data.ms



m/z-->

Abundance Scan 75 (1.282 min): VV032174.D\data.ms (-1)

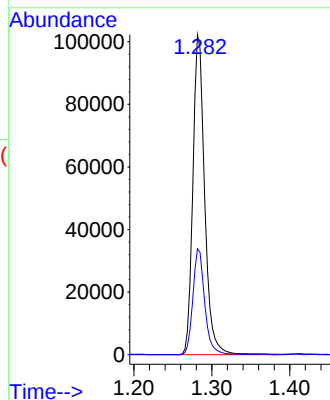


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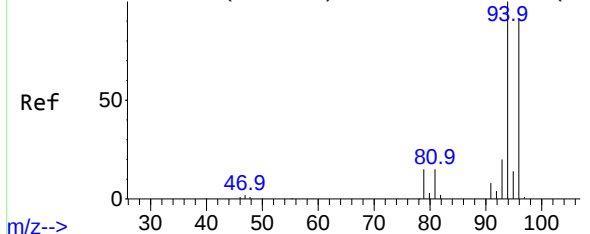
#5
Vinyl chloride
Concen: 47.955 ug/L
RT: 1.282 min Scan# 75
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 107539
Ion Ratio Lower Upper
62 100
64 33.1 22.5 41.9

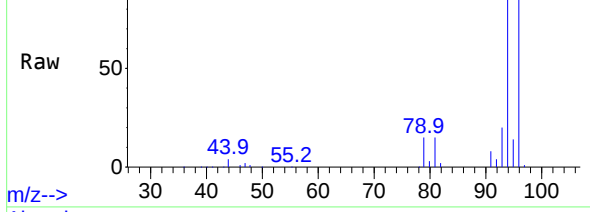


Abundance Scan 138 (1.484 min): VV032174.D\data.ms (-12)



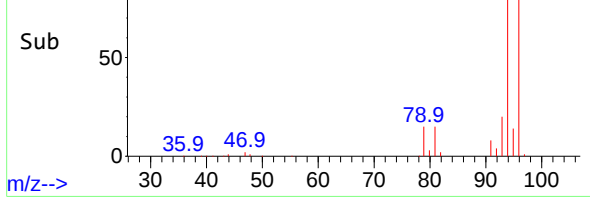
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Abundance Scan 138 (1.484 min): VV032174.D\data.ms



m/z-->

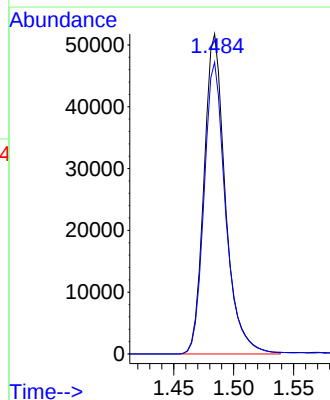
Abundance Scan 138 (1.484 min): VV032174.D\data.ms (-44)

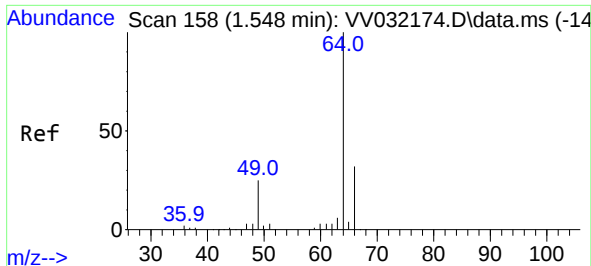


m/z-->

#6
Bromomethane
Concen: 50.435 ug/L
RT: 1.484 min Scan# 138
Delta R.T. 0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 94 Resp: 64173
Ion Ratio Lower Upper
94 100
96 91.1 65.7 122.1

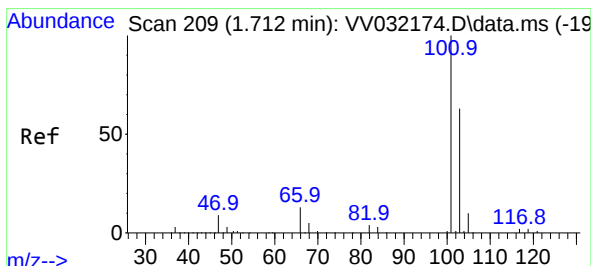
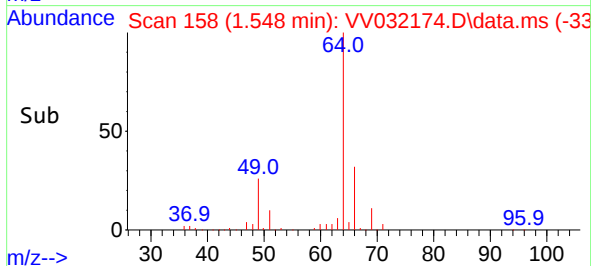
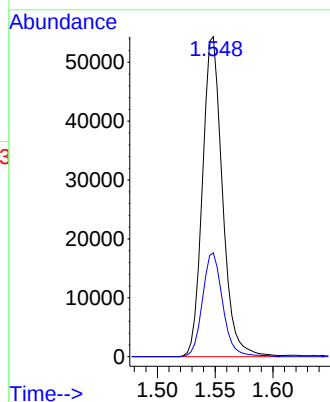
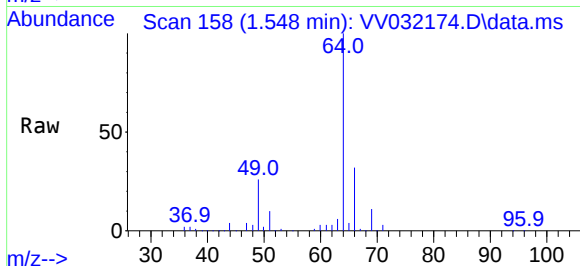




#8
Chloroethane
Concen: 46.862 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

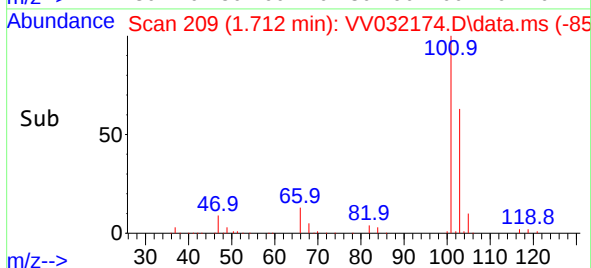
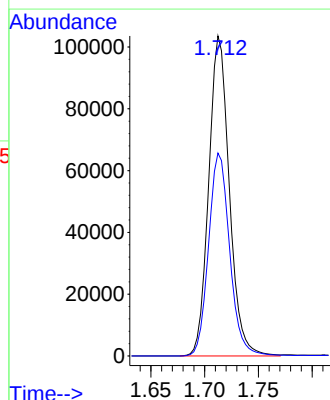
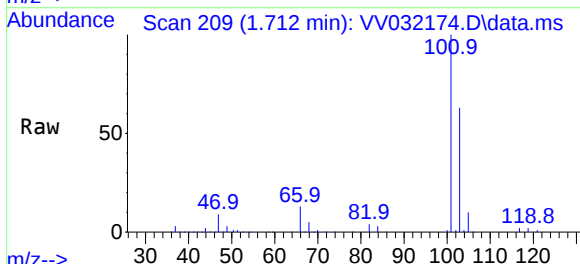
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ClientSampleId :

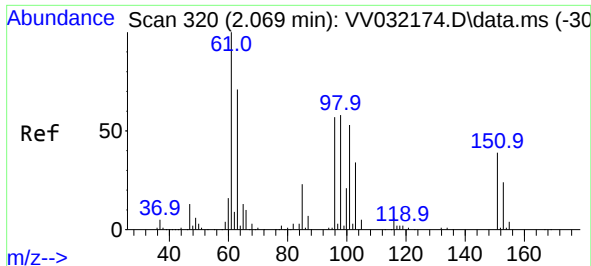
Tgt Ion: 64 Resp: 65416
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 47.956 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion:101 Resp: 138029
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1

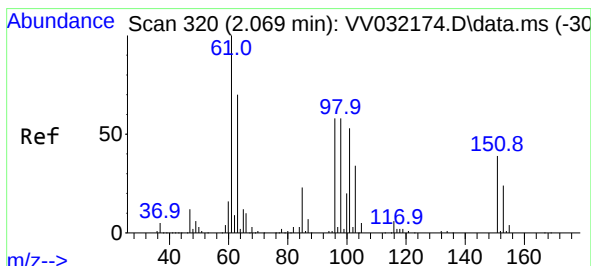
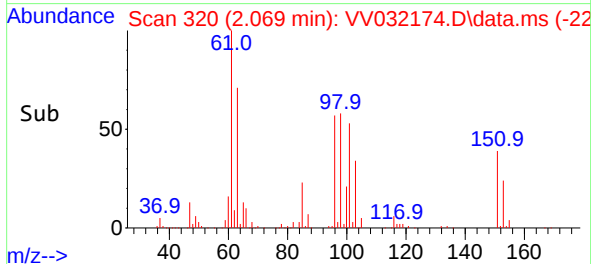
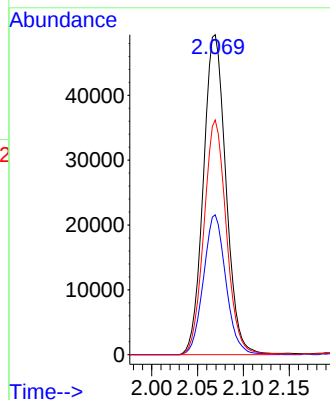
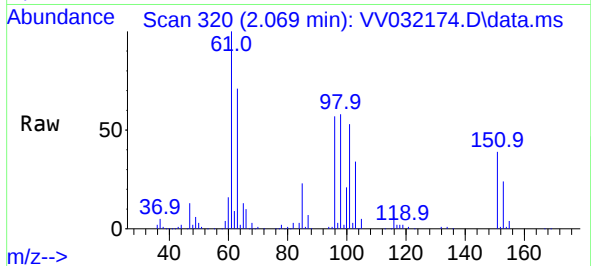




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.923 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032174.D
 Acq: 26 Sep 2023 09:08

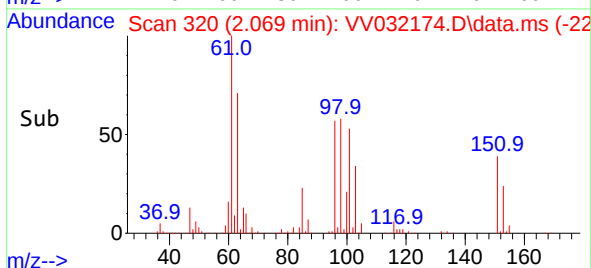
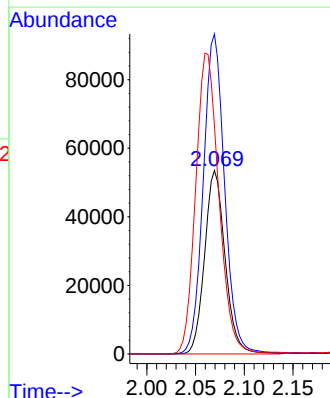
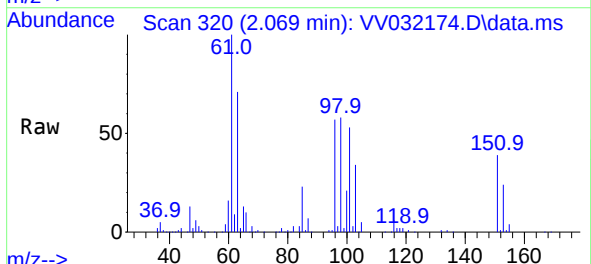
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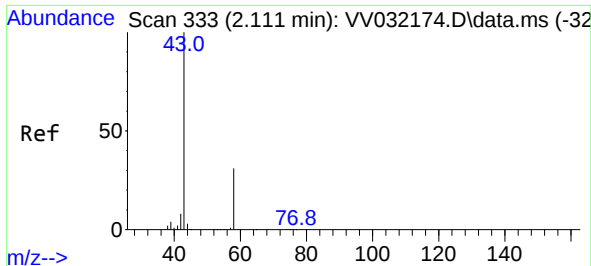
Tgt Ion:101 Resp: 84909
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.4 53.2
 151 72.8 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 48.798 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032174.D
 Acq: 26 Sep 2023 09:08

Tgt Ion: 96 Resp: 78361
 Ion Ratio Lower Upper
 96 100
 61 174.4 123.7 229.7
 63 124.4 89.9 167.0





#13

Acetone

Concen: 121.039 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

Instrument :

MSVOA_V

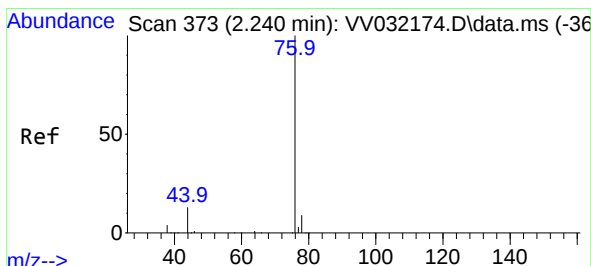
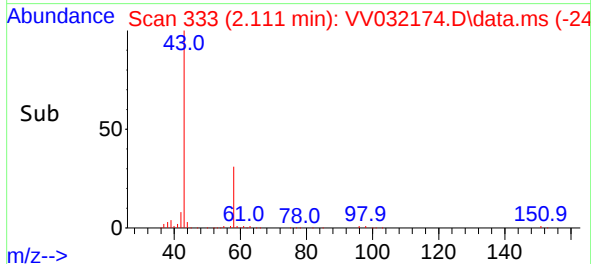
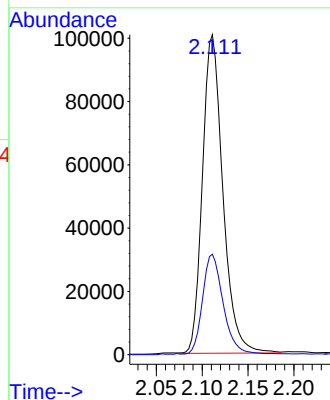
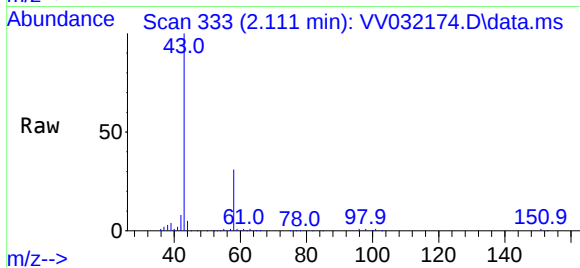
ClientSampleId :

Tgt Ion: 43 Resp: 156221

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.4



#14

Carbon disulfide

Concen: 47.626 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

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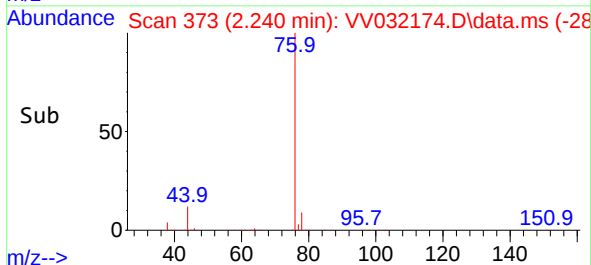
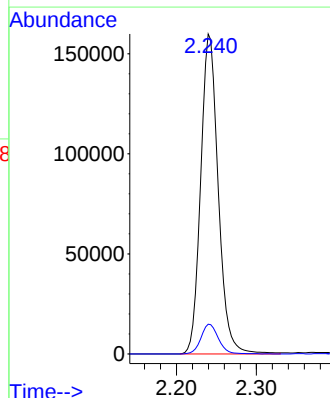
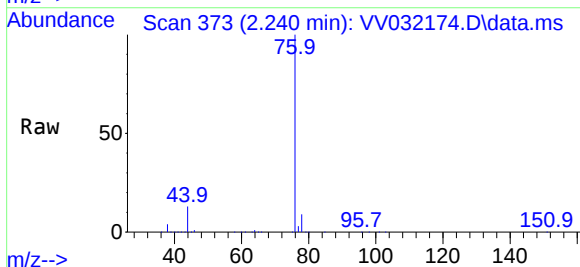
Acq: 26 Sep 2023 09:08

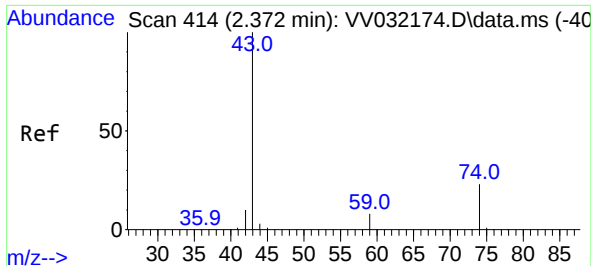
Tgt Ion: 76 Resp: 244757

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

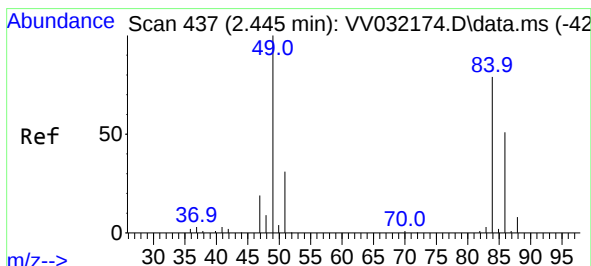
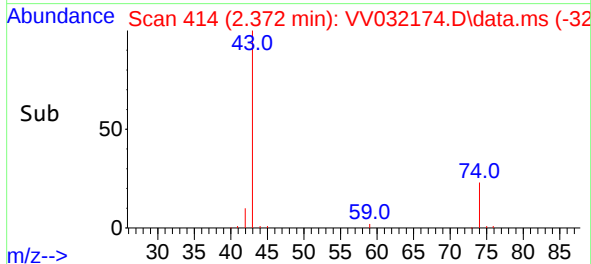
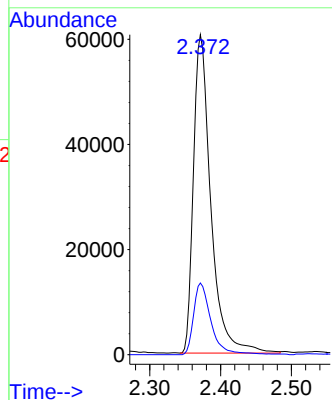
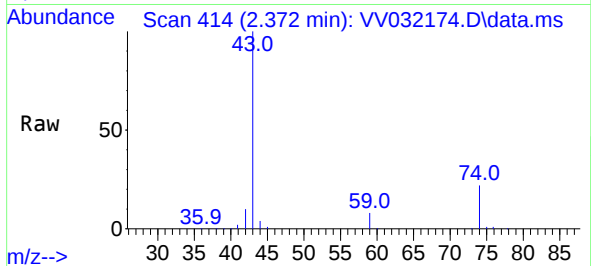




#15
Methyl Acetate
Concen: 44.957 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

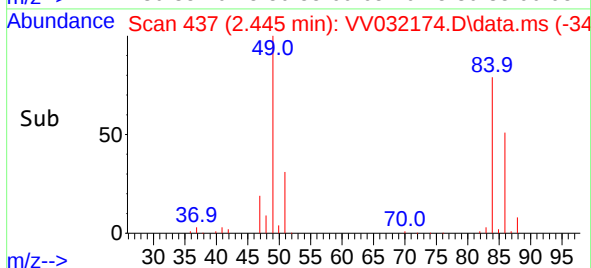
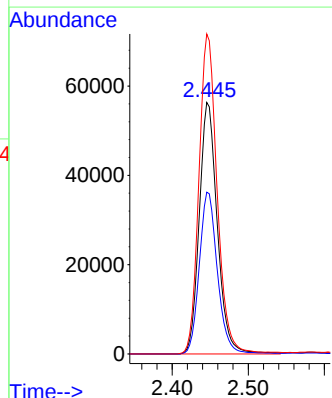
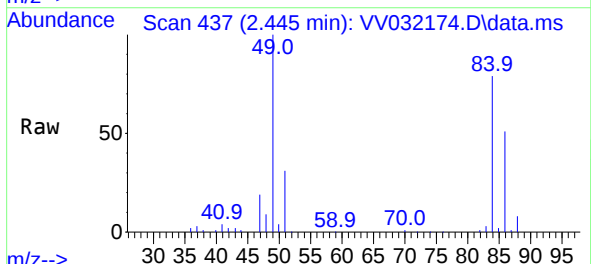
Instrument :
MSVOA_V
ClientSampleId :

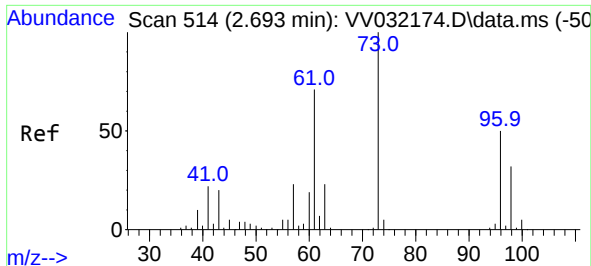
Tgt Ion: 43 Resp: 103518
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8



#16
Methylene chloride
Concen: 45.842 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 84 Resp: 92945
Ion Ratio Lower Upper
84 100
86 64.3 45.4 84.4
49 127.2 88.5 164.4

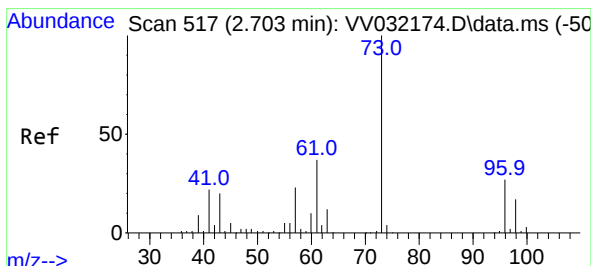
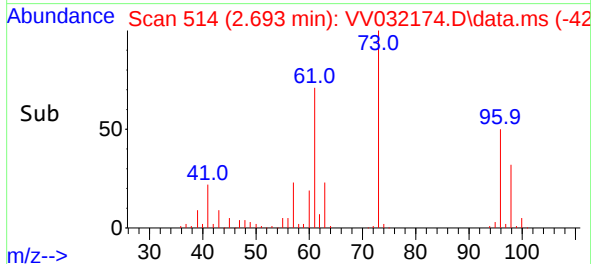
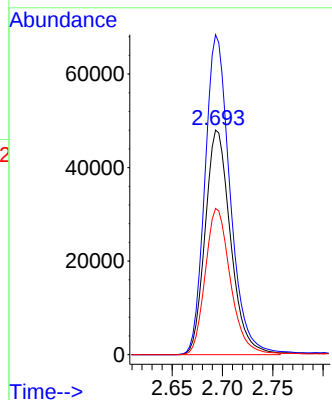
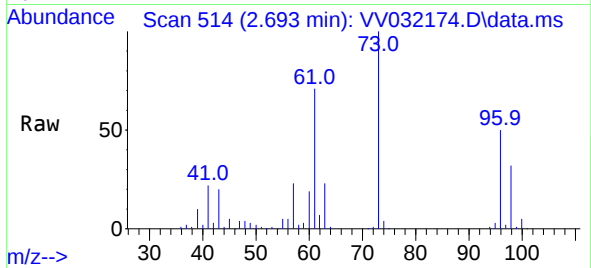




#17
trans-1,2-Dichloroethene
Concen: 46.698 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

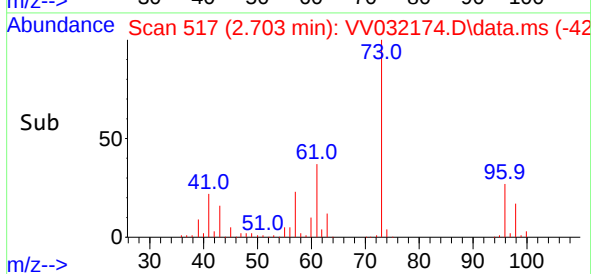
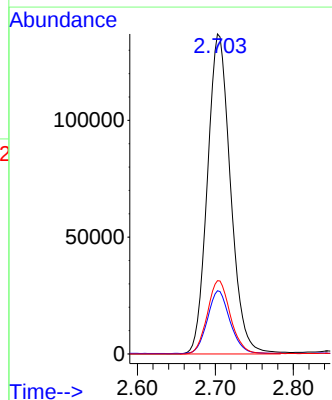
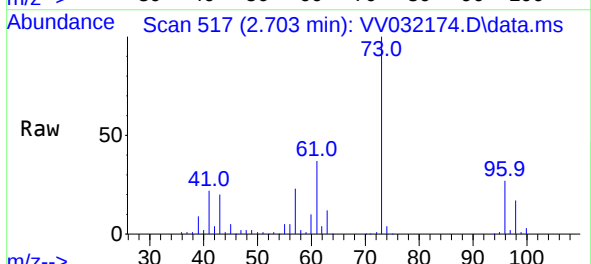
Instrument :
MSVOA_V
ClientSampleId :

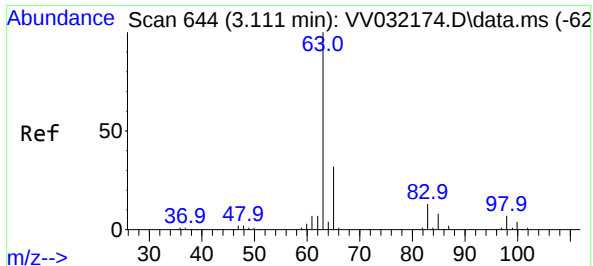
Tgt Ion: 96 Resp: 84533
Ion Ratio Lower Upper
96 100
61 142.4 97.4 180.8
98 65.0 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 46.602 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 73 Resp: 282238
Ion Ratio Lower Upper
73 100
43 19.1 15.3 22.9
57 23.0 18.6 28.0





#19

1,1-Dichloroethane

Concen: 47.820 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.003 min

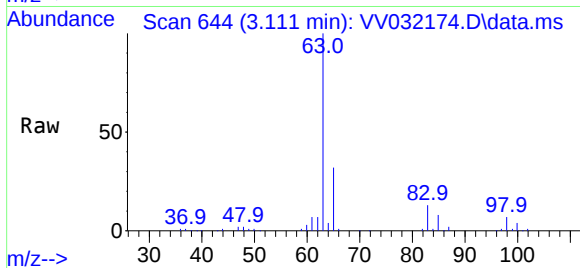
Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

Instrument :

MSVOA_V

ClientSampleId :



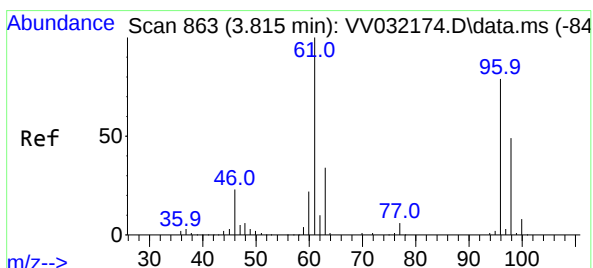
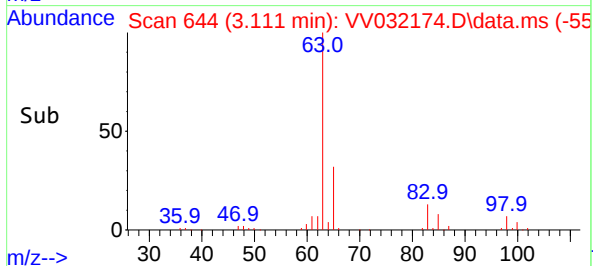
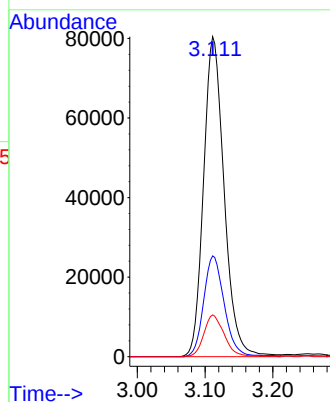
Tgt Ion: 63 Resp: 169735

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.3

83 13.1 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 46.845 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

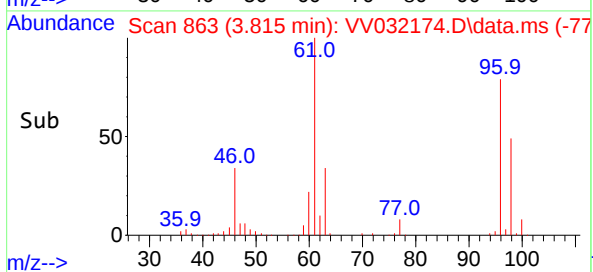
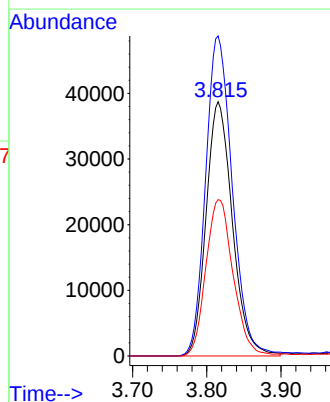
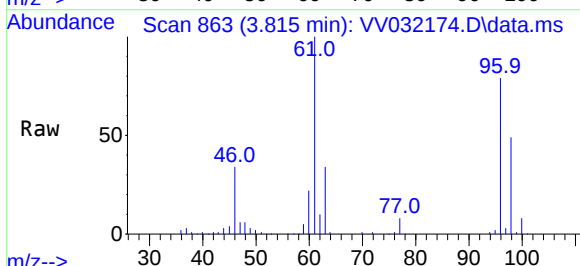
Tgt Ion: 96 Resp: 95481

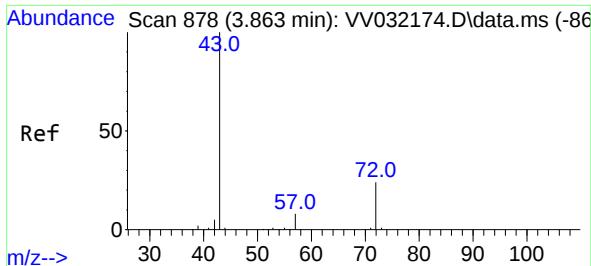
Ion Ratio Lower Upper

96 100

61 125.9 88.3 164.1

98 61.5 43.3 80.3

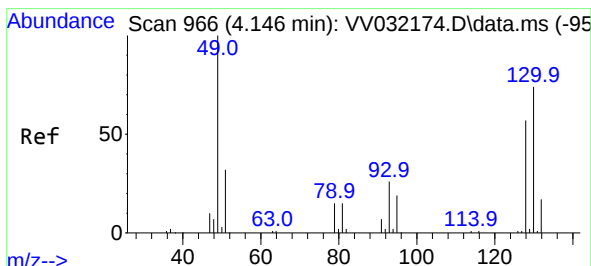
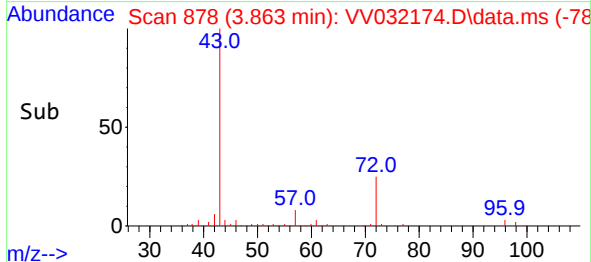
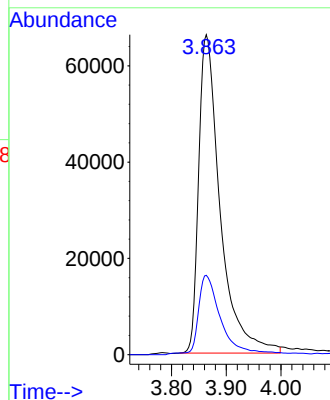
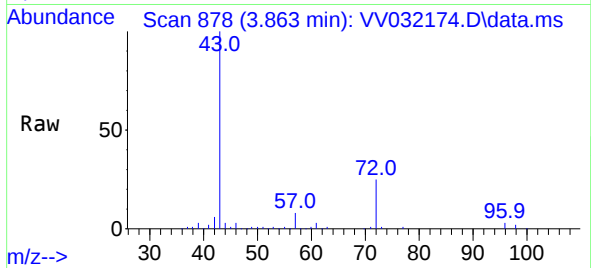




#22
2-Butanone
Concen: 104.150 ug/L
RT: 3.863 min Scan# 878
Delta R.T. -0.006 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

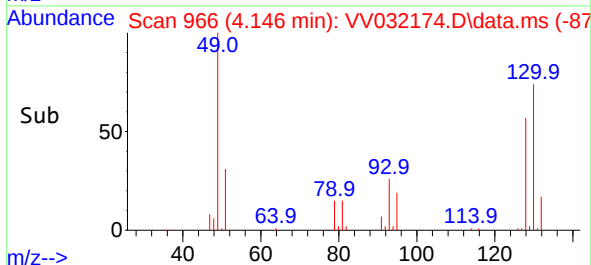
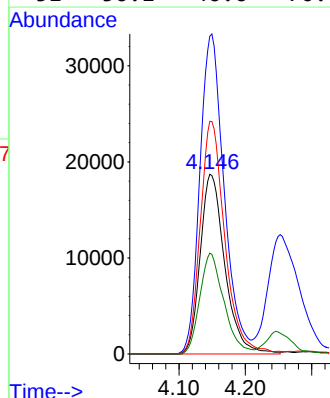
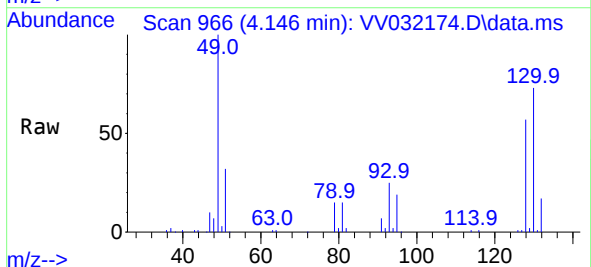
Instrument :
MSVOA_V
ClientSampleId :

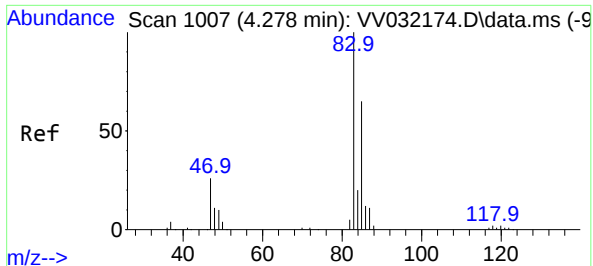
Tgt Ion: 43 Resp: 180468
Ion Ratio Lower Upper
43 100
72 25.0 12.0 36.0



#23
Bromochloromethane
Concen: 47.171 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 128 Resp: 48155
Ion Ratio Lower Upper
128 100
49 176.8 125.0 232.2
130 129.5 92.3 171.5
51 56.1 46.6 70.0





#25

Chloroform

Concen: 46.807 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

Instrument :

MSVOA_V

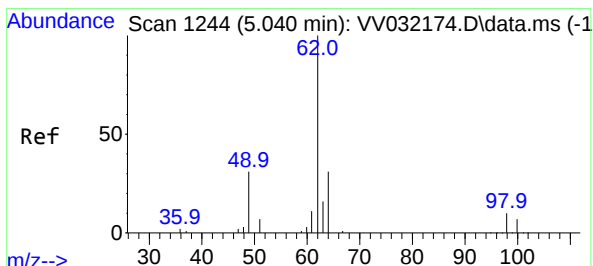
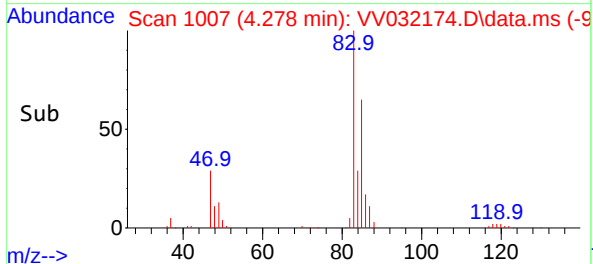
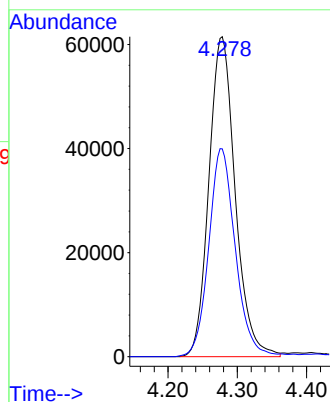
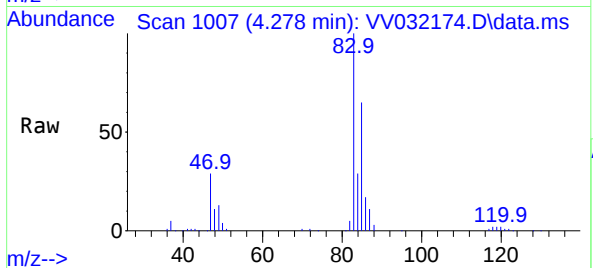
ClientSampleId :

Tgt Ion: 83 Resp: 162177

Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.6



#27

1,2-Dichloroethane

Concen: 46.721 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV032174.D

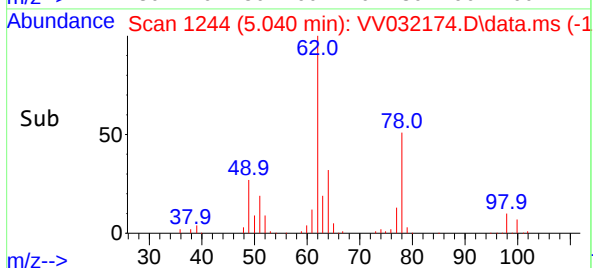
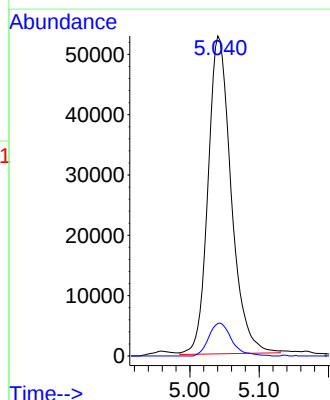
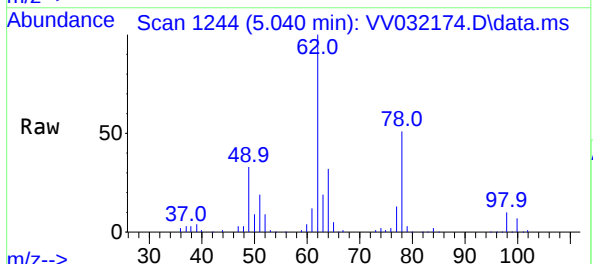
Acq: 26 Sep 2023 09:08

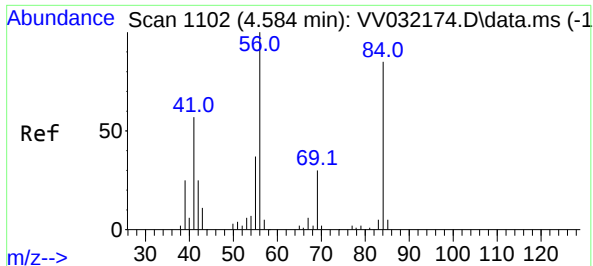
Tgt Ion: 62 Resp: 122351

Ion Ratio Lower Upper

62 100

98 10.2 8.1 12.1





#29

Cyclohexane

Concen: 47.063 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

Instrument :

MSVOA_V

ClientSampleId :

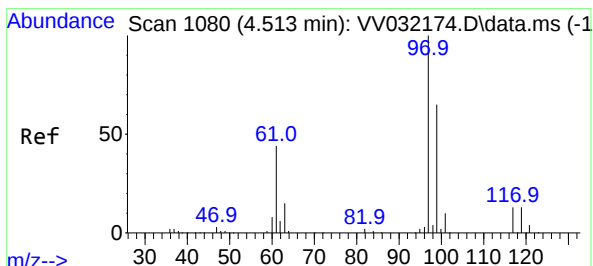
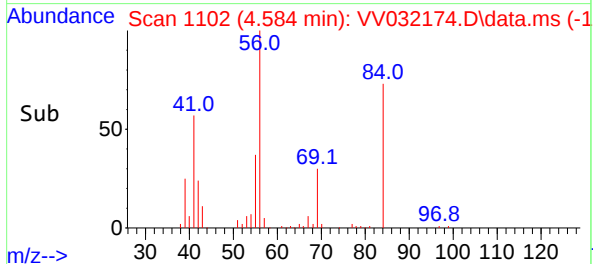
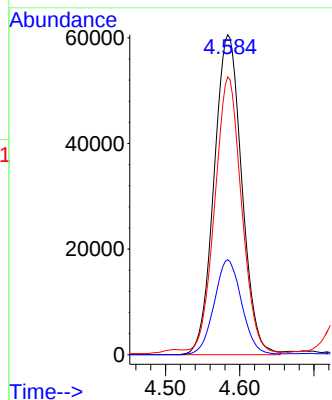
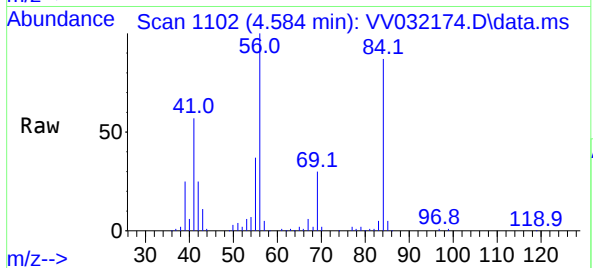
Tgt Ion: 56 Resp: 157247

Ion Ratio Lower Upper

56 100

69 29.4 23.3 34.9

84 83.8 66.2 99.2



#30

1,1,1-Trichloroethane

Concen: 47.293 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

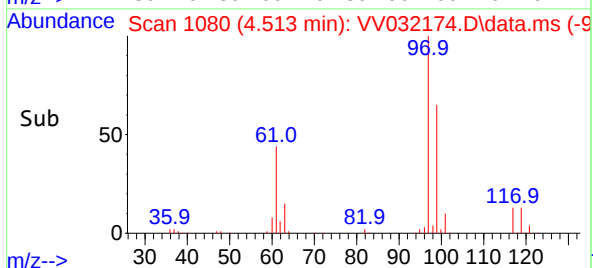
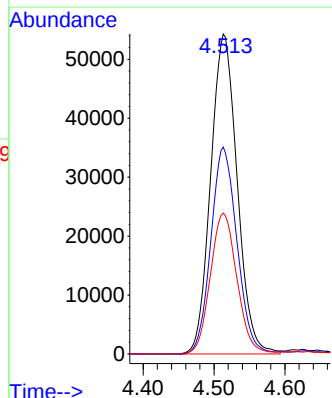
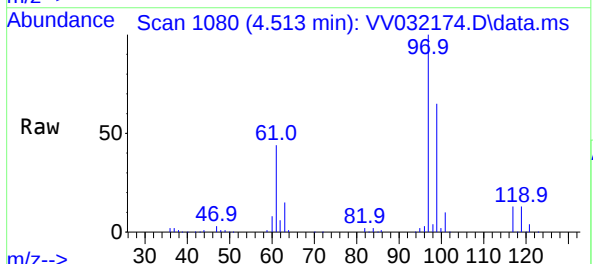
Tgt Ion: 97 Resp: 141144

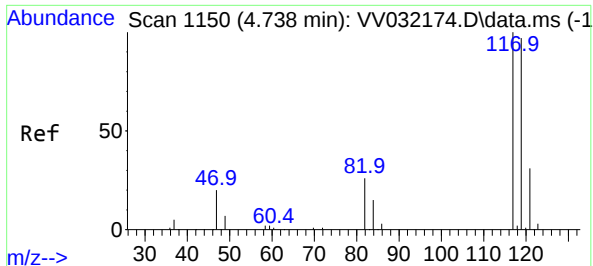
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 44.1 35.0 52.6

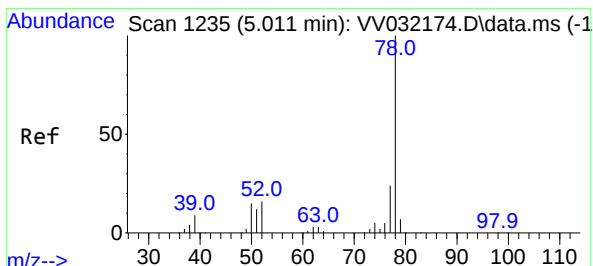
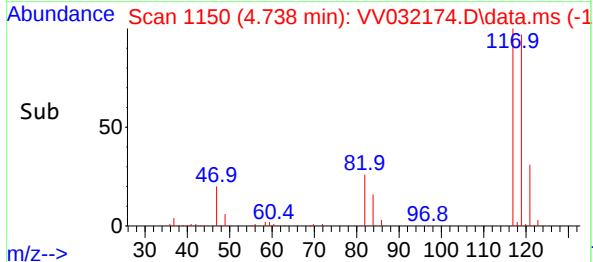
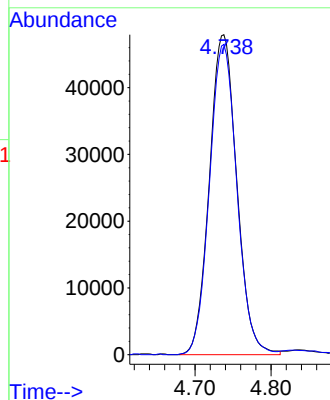
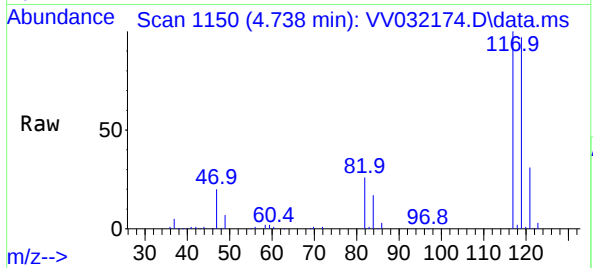




#31
Carbon tetrachloride
Concen: 46.656 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

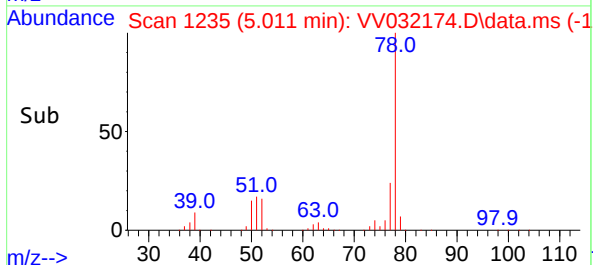
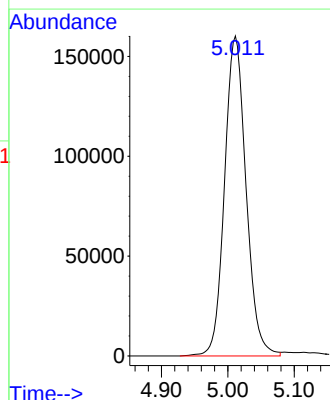
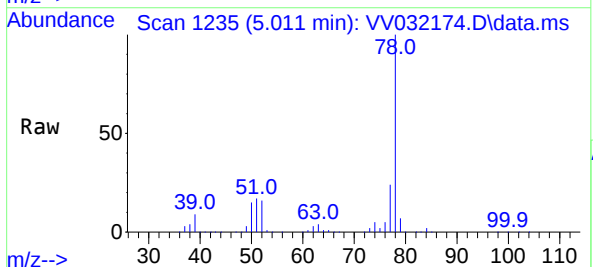
Instrument :
MSVOA_V
ClientSampleId :

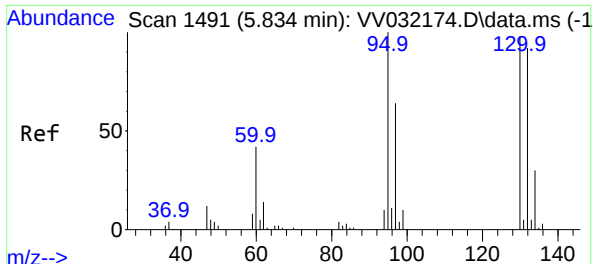
Tgt Ion:117 Resp: 120252
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0



#33
Benzene
Concen: 47.227 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

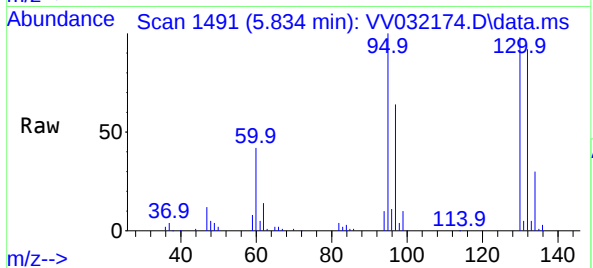
Tgt Ion: 78 Resp: 360556



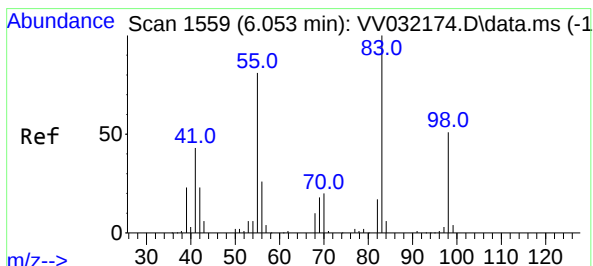
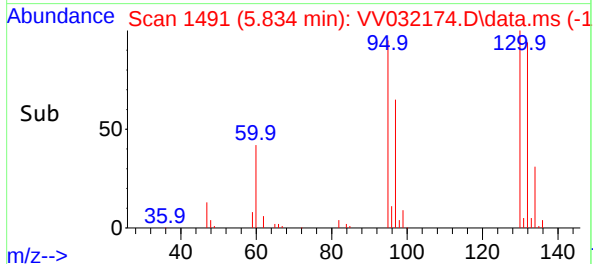
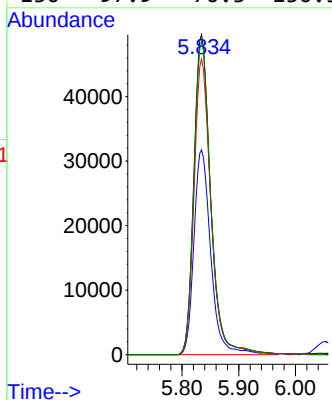


#34
Trichloroethene
Concen: 48.547 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Instrument :
MSVOA_V
ClientSampleId :

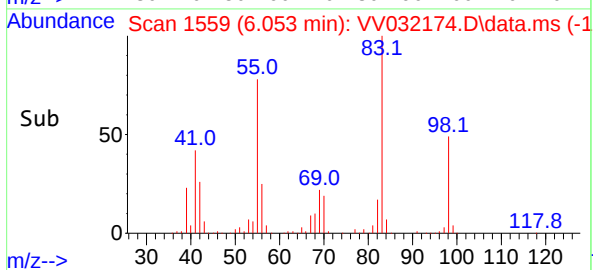
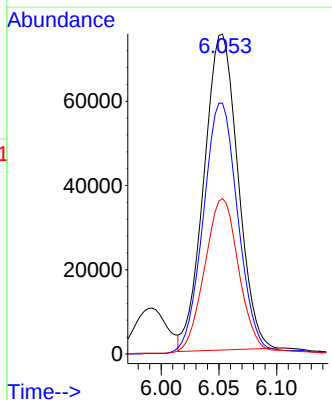
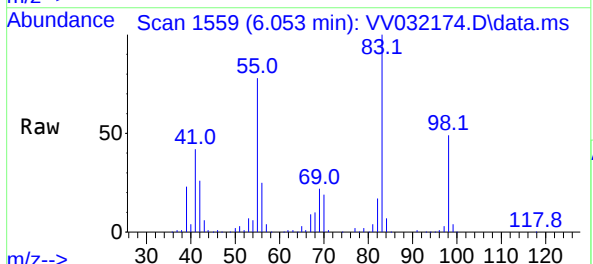


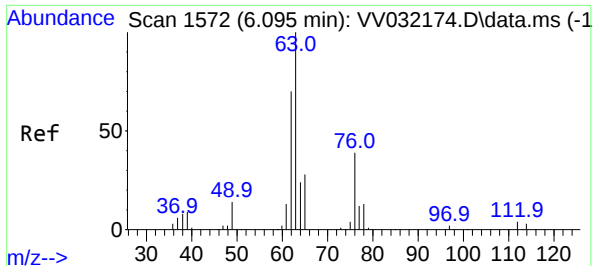
Tgt Ion: 95 Resp: 102040
Ion Ratio Lower Upper
95 100
97 64.0 45.4 84.4
132 92.4 66.1 122.7
130 97.9 70.3 130.5



#35
Methylcyclohexane
Concen: 45.768 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 83 Resp: 153804
Ion Ratio Lower Upper
83 100
55 81.3 62.9 94.3
98 51.1 38.9 58.3

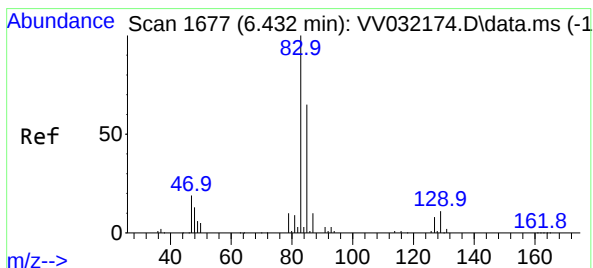
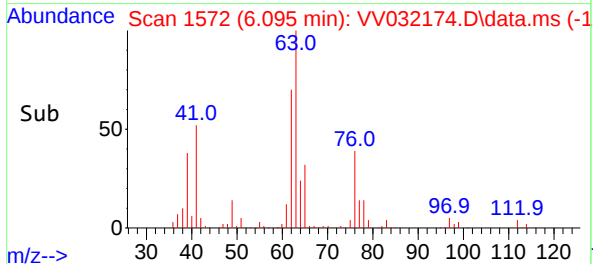
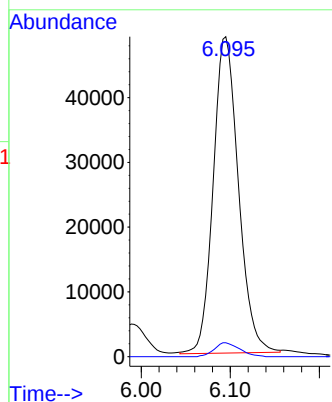
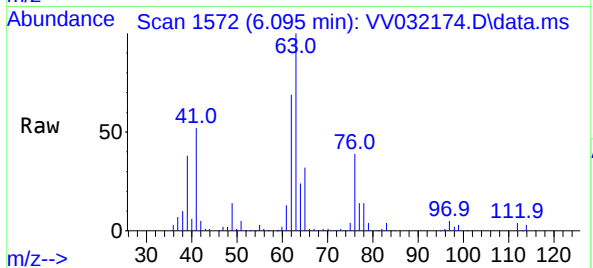




#37
1,2-Dichloropropane
Concen: 45.902 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

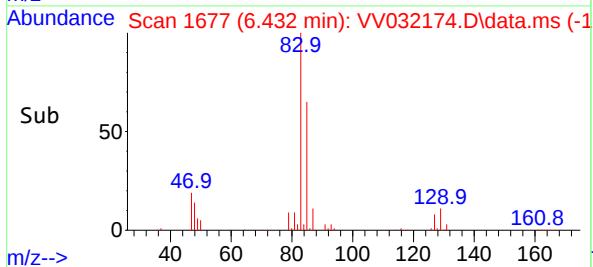
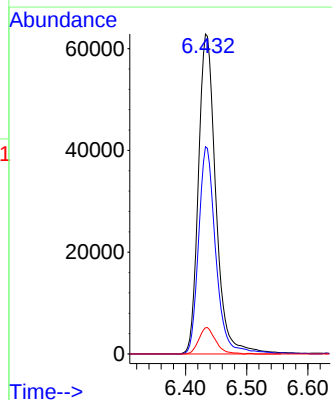
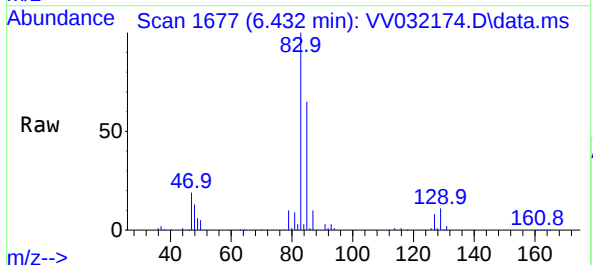
Instrument :
MSVOA_V
ClientSampleId :

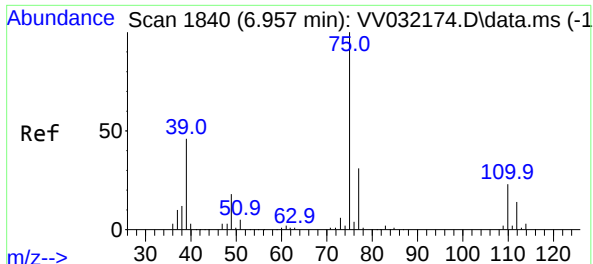
Tgt Ion: 63 Resp: 96157
Ion Ratio Lower Upper
63 100
112 4.4 3.7 5.5



#38
Bromodichloromethane
Concen: 47.232 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 83 Resp: 124378
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.9
127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 48.120 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. -0.000 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

Instrument :

MSVOA_V

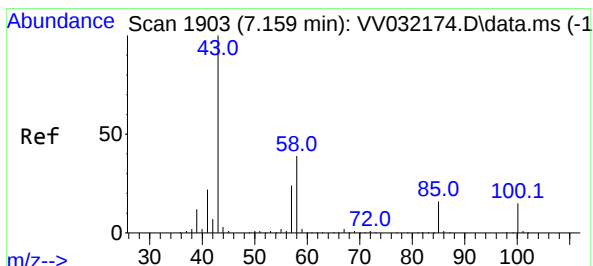
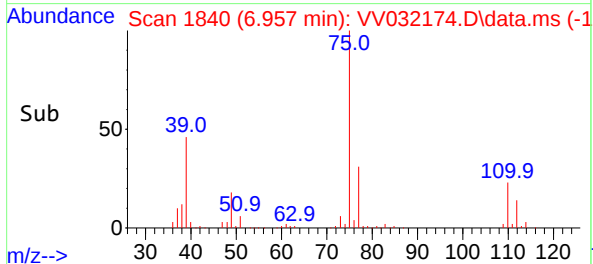
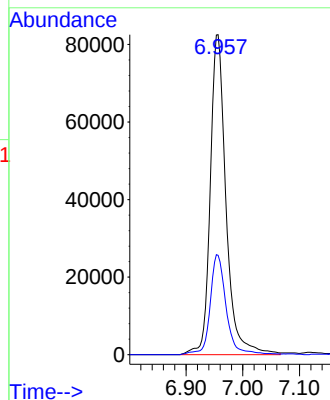
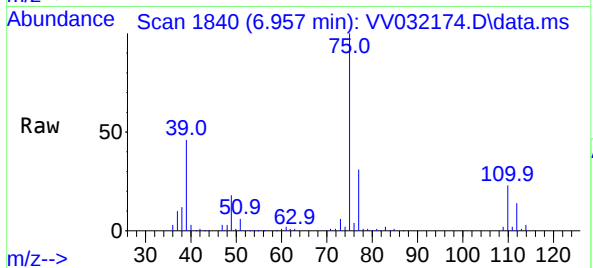
ClientSampleId :

Tgt Ion: 75 Resp: 159862

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 89.950 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

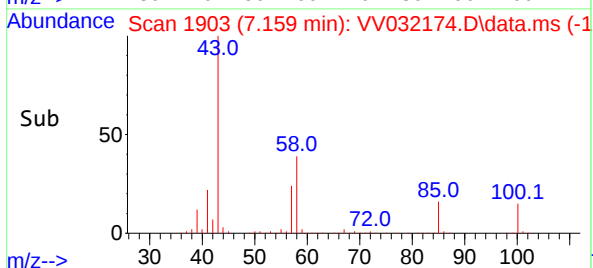
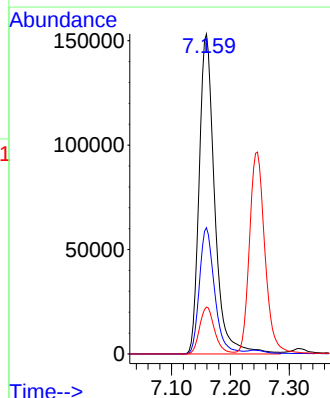
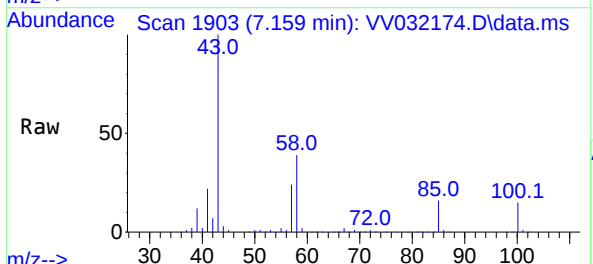
Tgt Ion: 43 Resp: 280836

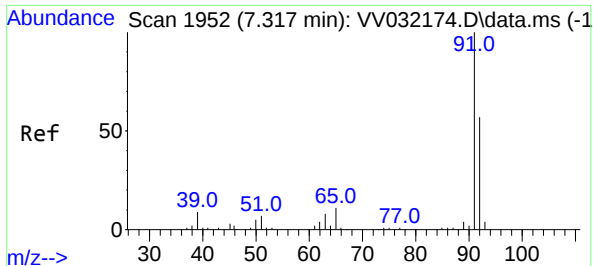
Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.6

100 14.1 11.6 17.4

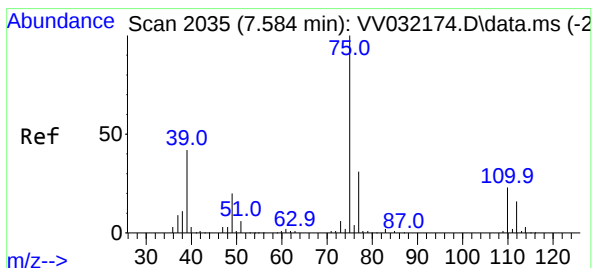
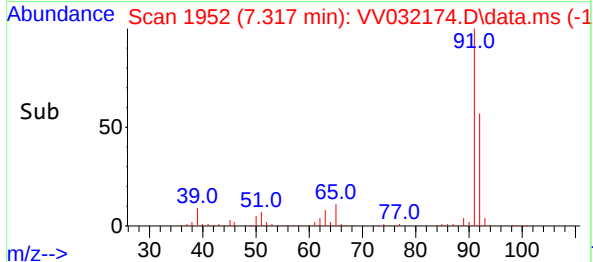
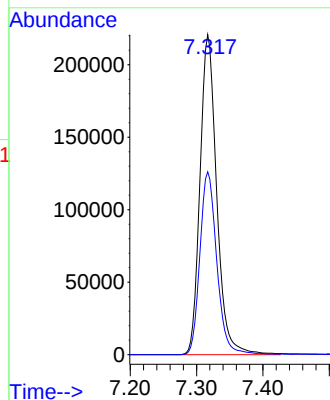
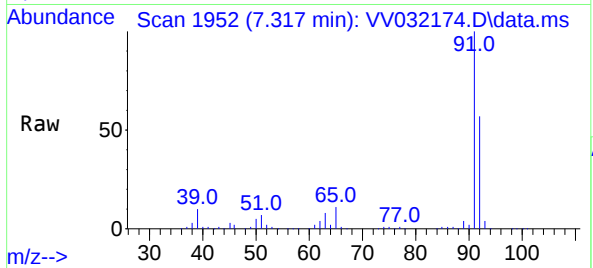




#42
Toluene
Concen: 47.443 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

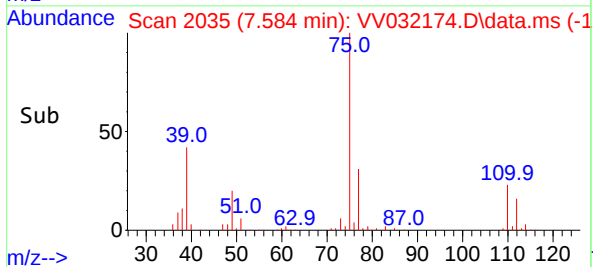
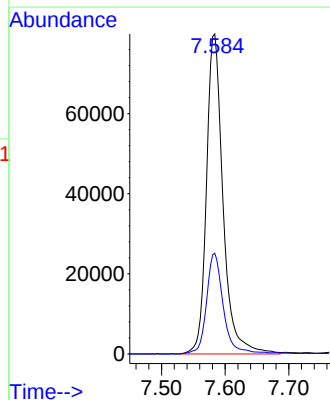
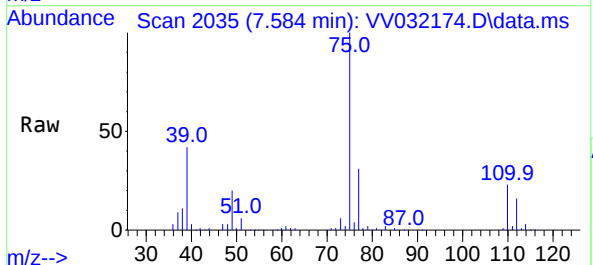
Instrument : MSVOA_V
ClientSampleId :

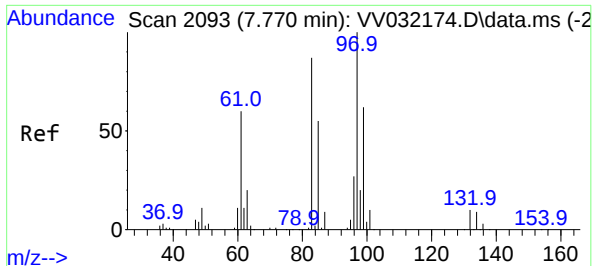
Tgt Ion: 91 Resp: 386711
Ion Ratio Lower Upper
91 100
92 57.1 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 47.547 ug/L
RT: 7.584 min Scan# 2035
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 75 Resp: 144654
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8



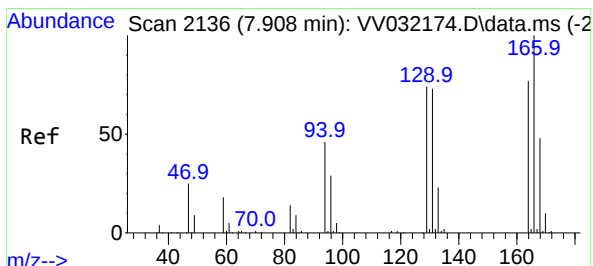
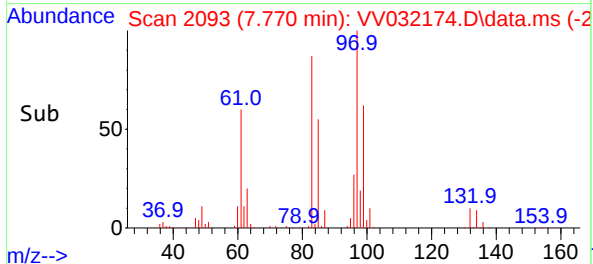
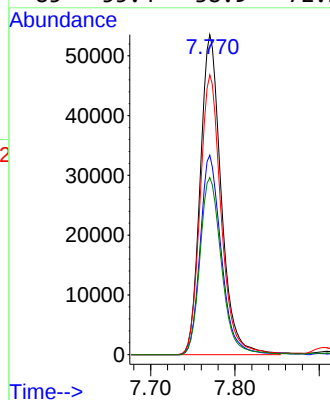
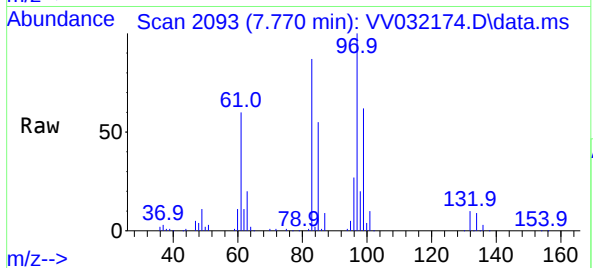


#45
1,1,2-Trichloroethane
Concen: 46.384 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 92686

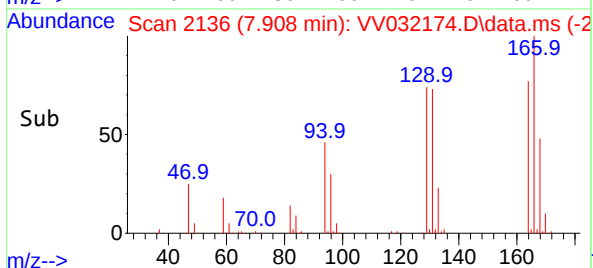
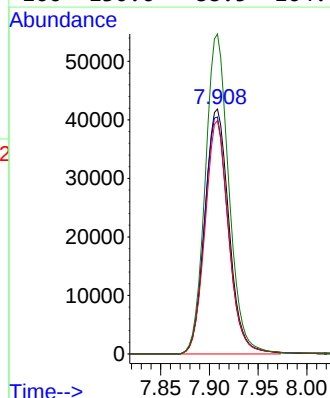
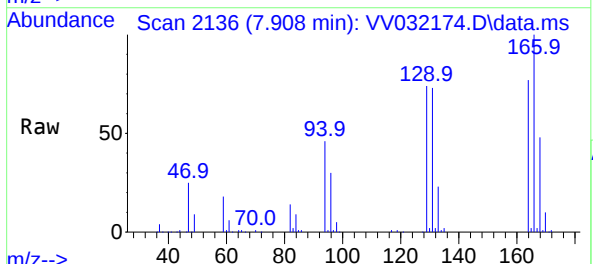
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.3	80.3
83	87.4	60.8	113.0
85	55.4	38.9	72.2

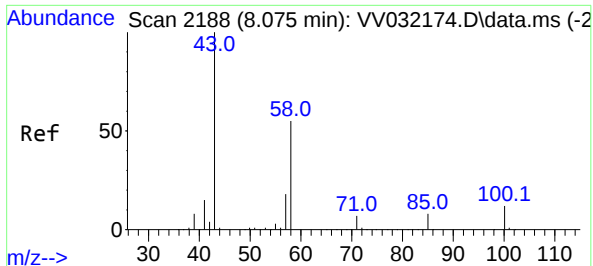


#46
Tetrachloroethene
Concen: 47.391 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 164 Resp: 72384

Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.5	125.3
131	95.2	63.8	118.4
166	130.6	88.5	164.4



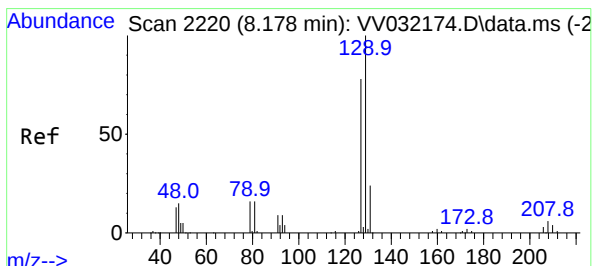
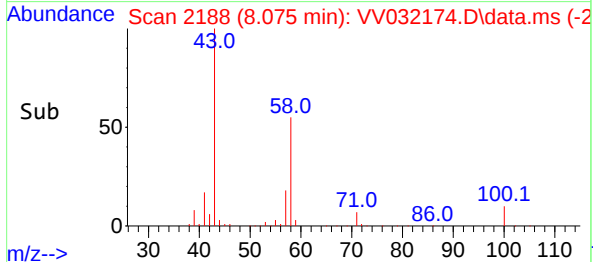
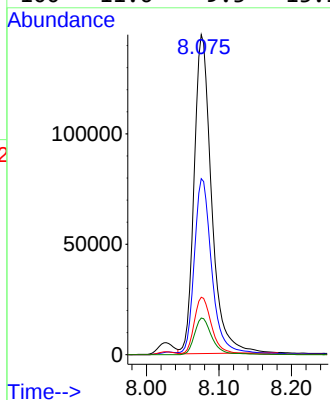
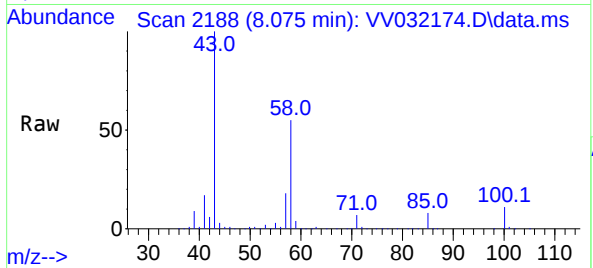


#48
2-Hexanone
Concen: 99.049 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 241579

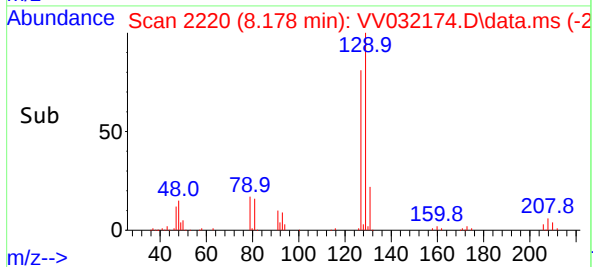
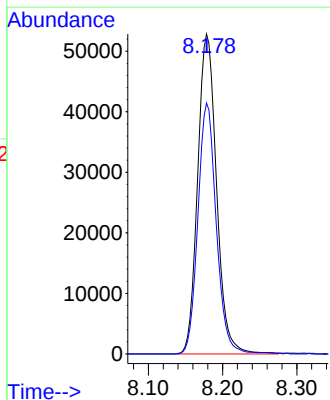
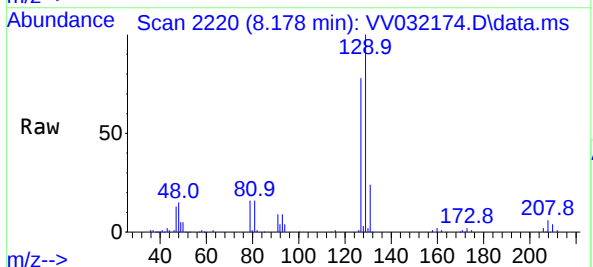
Ion	Ratio	Lower	Upper
43	100		
58	54.6	44.5	66.7
57	18.1	13.9	20.9
100	11.6	9.3	13.9

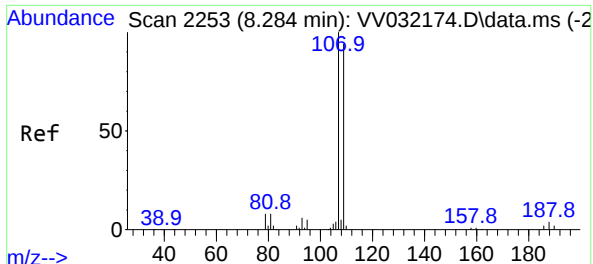


#49
Dibromochloromethane
Concen: 47.025 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 129 Resp: 93431

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.9	101.9

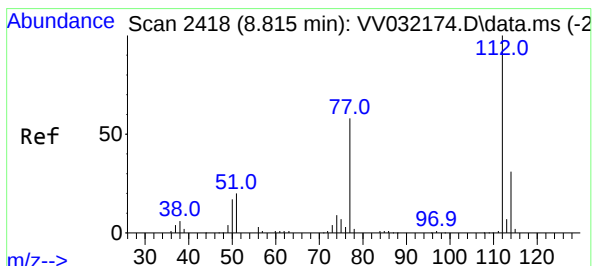
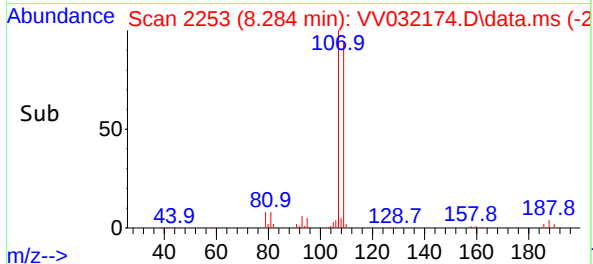
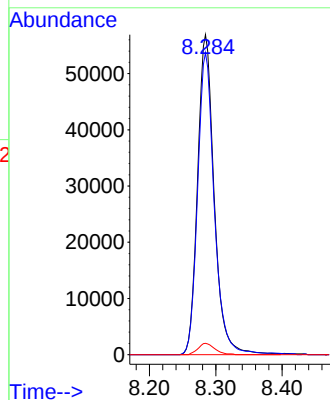
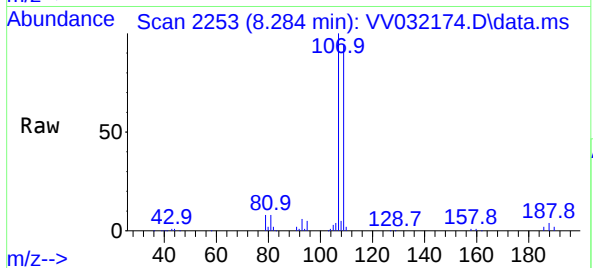




#50
1,2-Dibromoethane
Concen: 46.568 ug/L
RT: 8.284 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

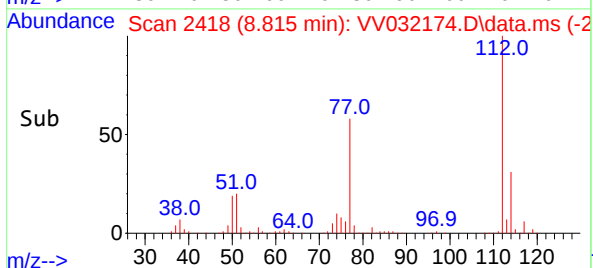
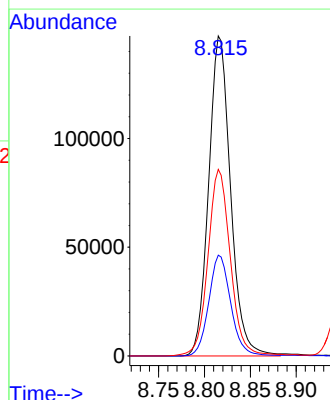
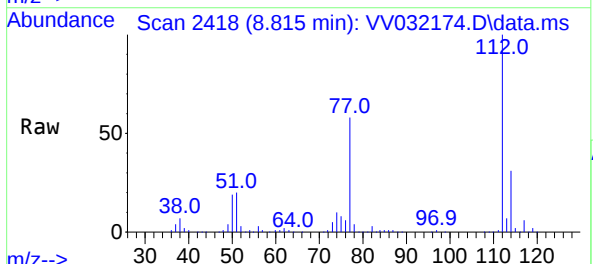
Instrument :
MSVOA_V
ClientSampleId :

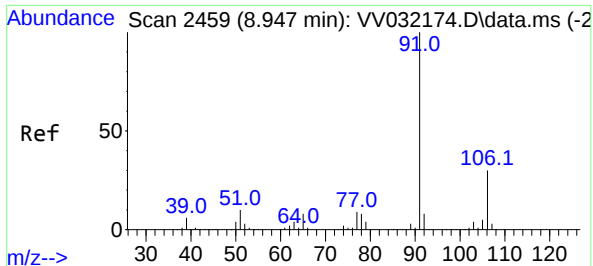
Tgt Ion:107 Resp: 99086
Ion Ratio Lower Upper
107 100
109 94.4 65.2 121.2
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 46.465 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion:112 Resp: 244368
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 58.3 46.7 70.1

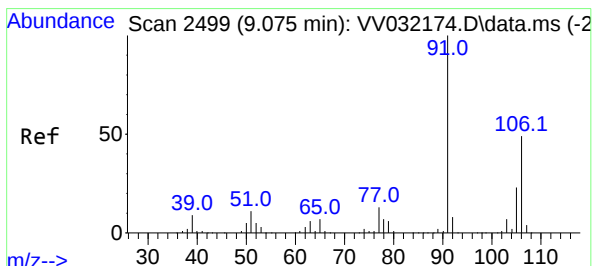
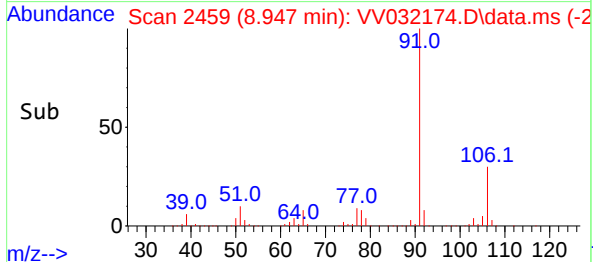
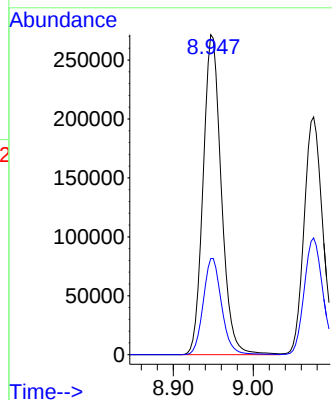
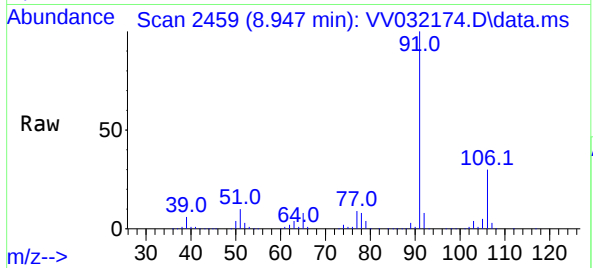




#52
Ethylbenzene
Concen: 47.278 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

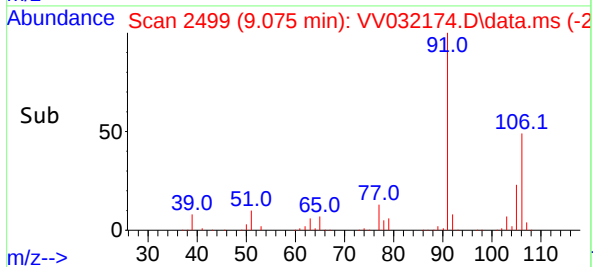
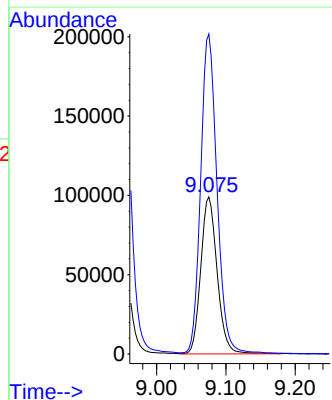
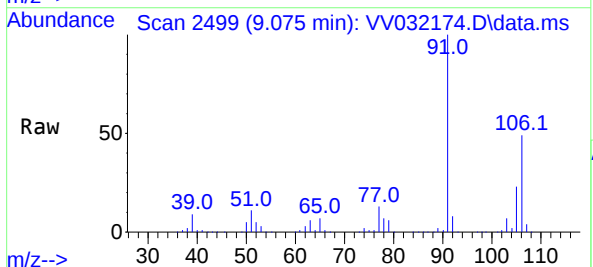
Instrument :
MSVOA_V
ClientSampleId :

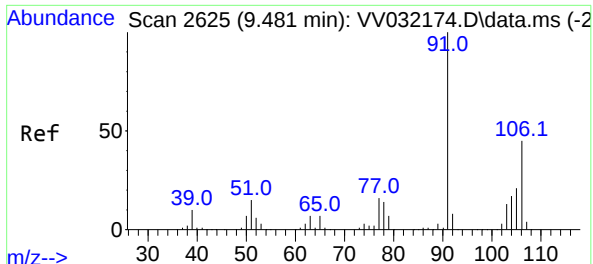
Tgt Ion: 91 Resp: 430450
Ion Ratio Lower Upper
91 100
106 30.0 20.9 38.7



#53
m,p-Xylene
Concen: 47.933 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 106 Resp: 162602
Ion Ratio Lower Upper
106 100
91 203.7 143.8 267.0

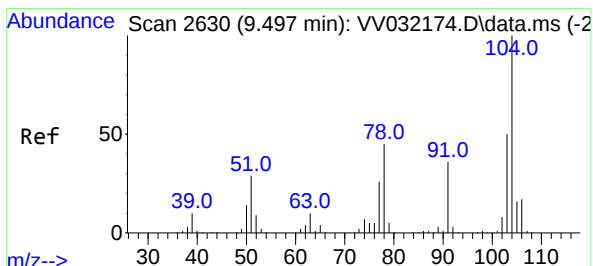
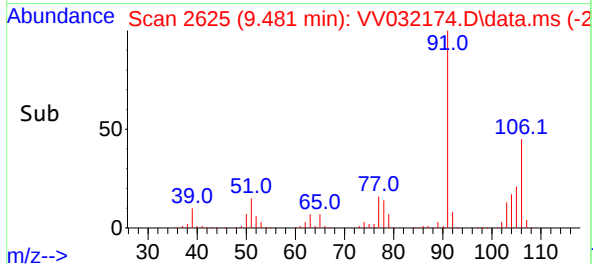
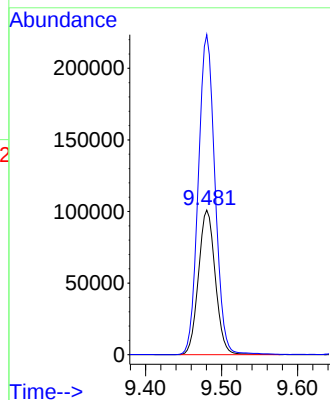
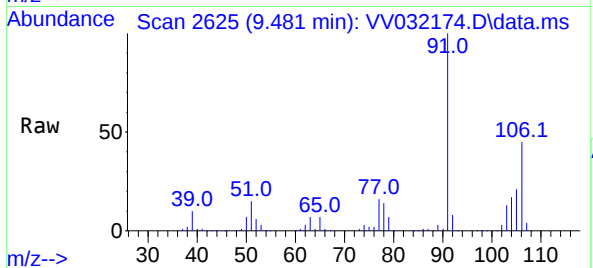




#54
o-Xylene
Concen: 46.589 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

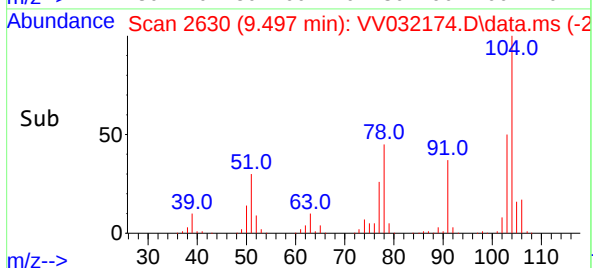
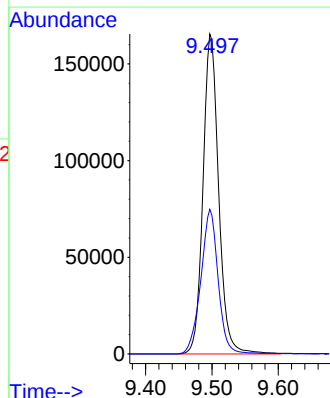
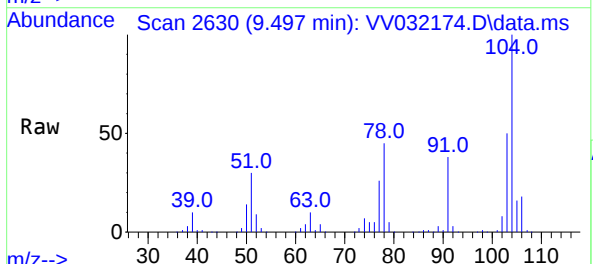
Instrument :
MSVOA_V
ClientSampleId :

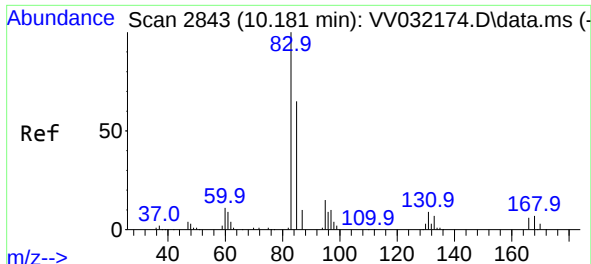
Tgt Ion:106 Resp: 155690
Ion Ratio Lower Upper
106 100
91 221.2 153.4 284.8



#55
Styrene
Concen: 47.627 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion:104 Resp: 271528
Ion Ratio Lower Upper
104 100
78 45.2 30.4 56.5

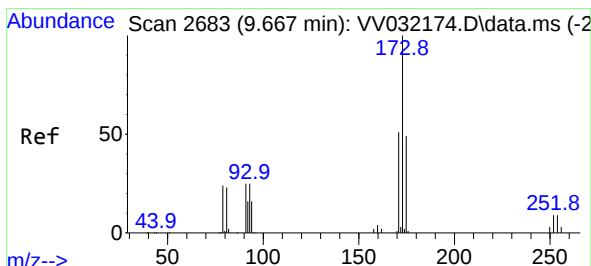
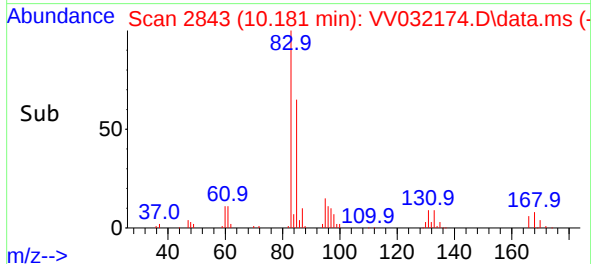
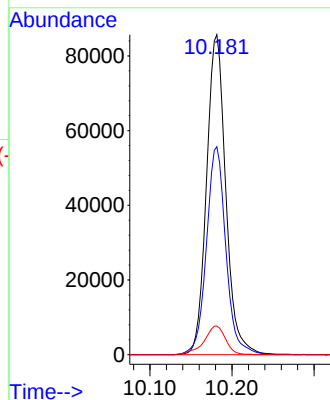
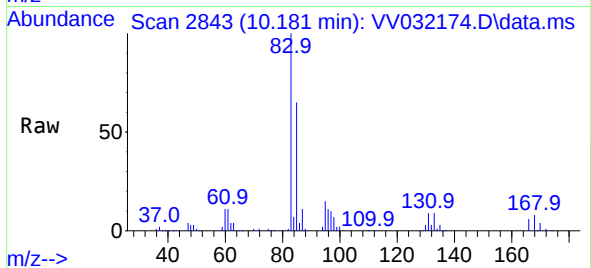




#57
1,1,2,2-Tetrachloroethane
Concen: 44.945 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

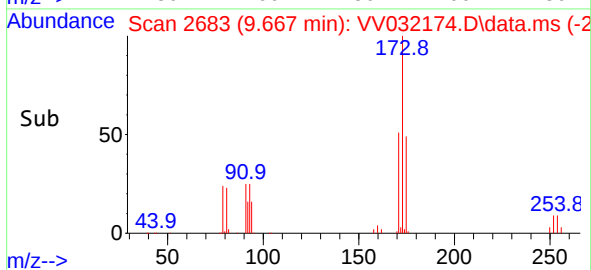
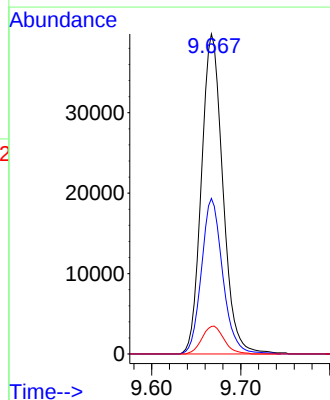
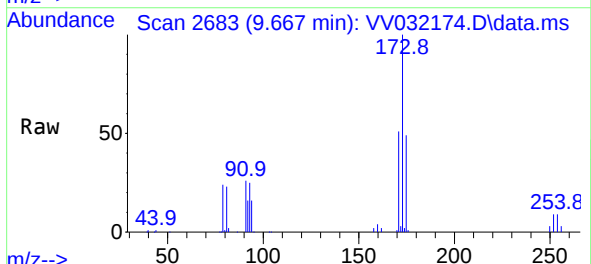
Instrument :
MSVOA_V
ClientSampleId :

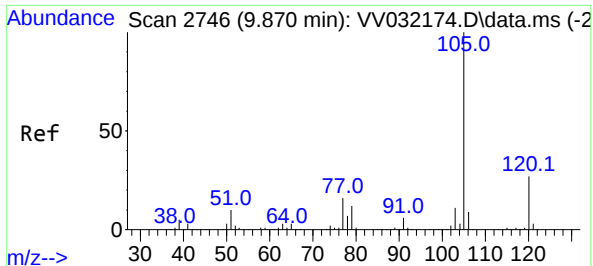
Tgt Ion: 83 Resp: 139943
Ion Ratio Lower Upper
83 100
85 65.0 44.7 82.9
131 9.0 7.4 11.0



#59
Bromoform
Concen: 45.927 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion:173 Resp: 66529
Ion Ratio Lower Upper
173 100
175 48.3 39.5 59.3
254 8.9 7.0 10.4

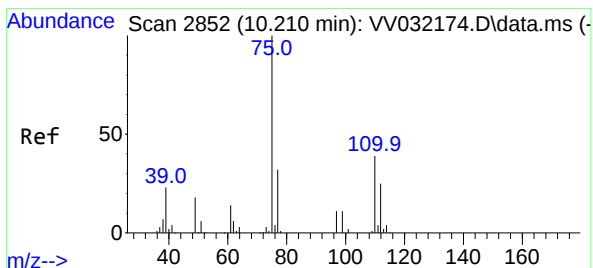
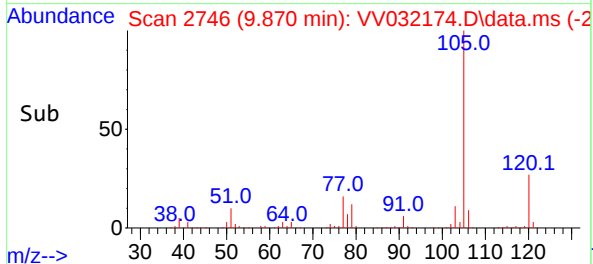
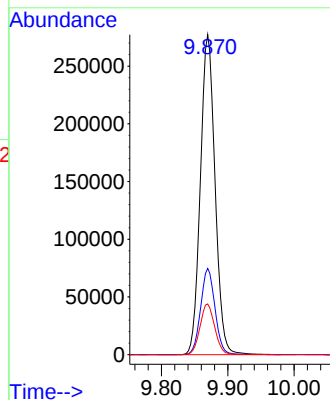
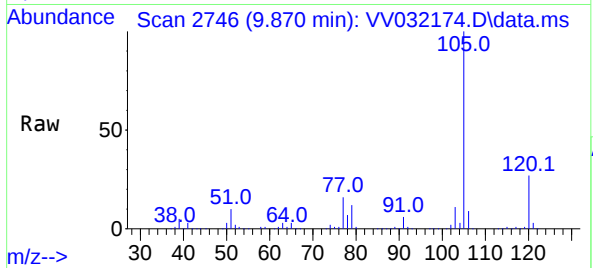




#60
Isopropylbenzene
Concen: 46.955 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

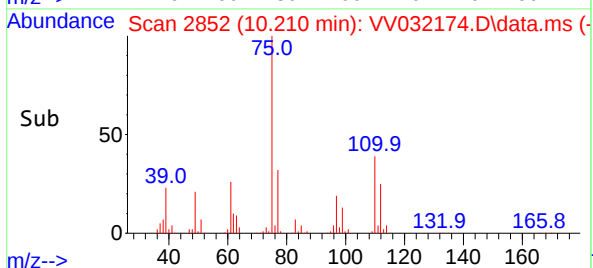
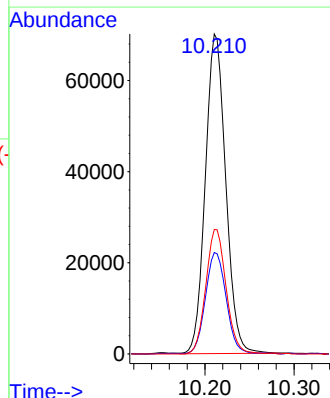
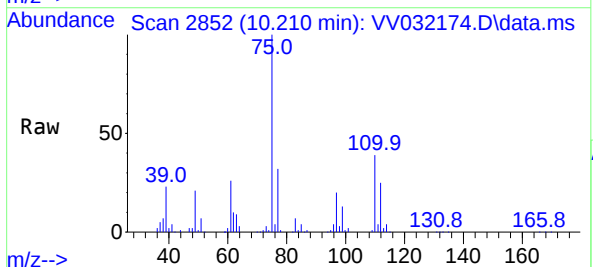
Instrument :
MSVOA_V
ClientSampleId :

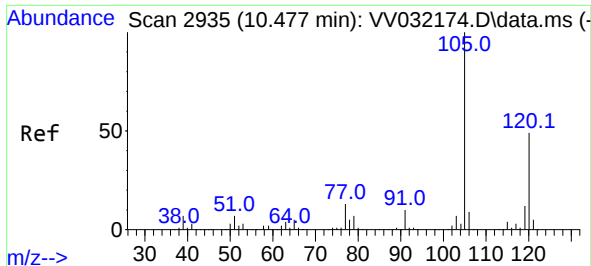
Tgt Ion:105 Resp: 426037
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 44.000 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion: 75 Resp: 111501
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
110 38.8 30.5 45.7

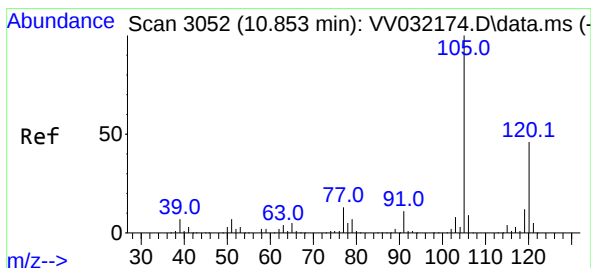
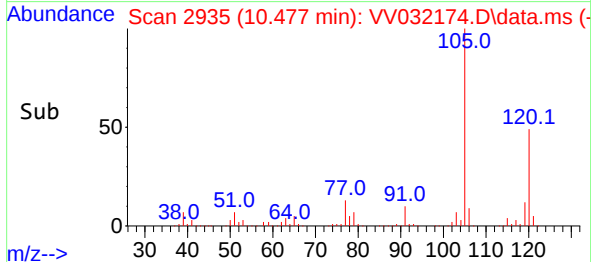
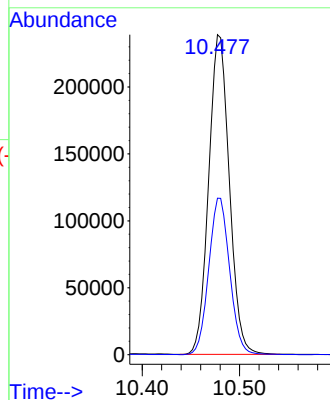
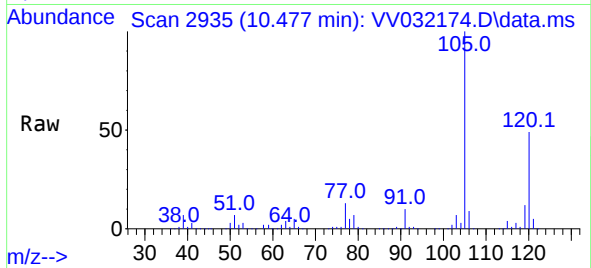




#62
 1,3,5-Trimethylbenzene
 Concen: 47.120 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. -0.003 min
 Lab File: VV032174.D
 Acq: 26 Sep 2023 09:08

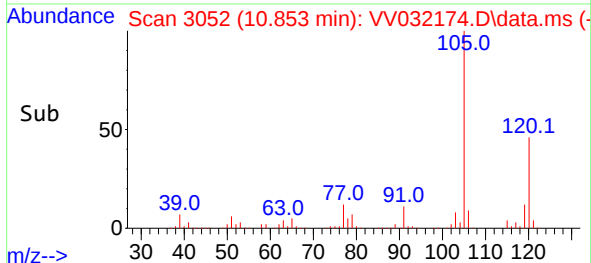
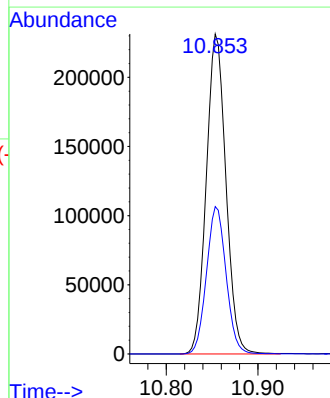
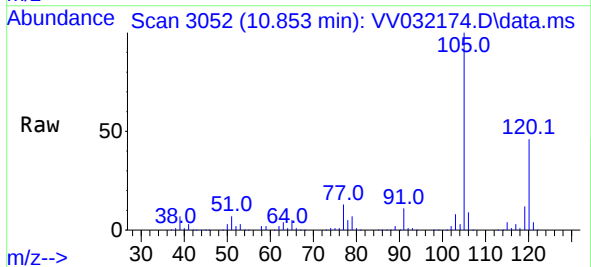
Instrument :
 MSVOA_V
 ClientSampleId :

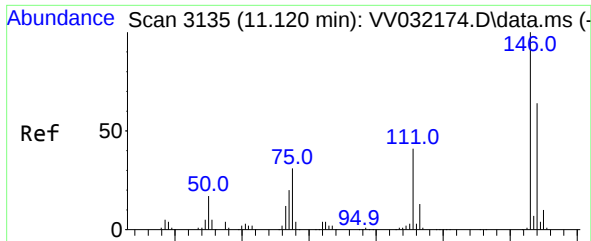
Tgt Ion:105 Resp: 351253
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 46.910 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VV032174.D
 Acq: 26 Sep 2023 09:08

Tgt Ion:105 Resp: 343964
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.5 54.7

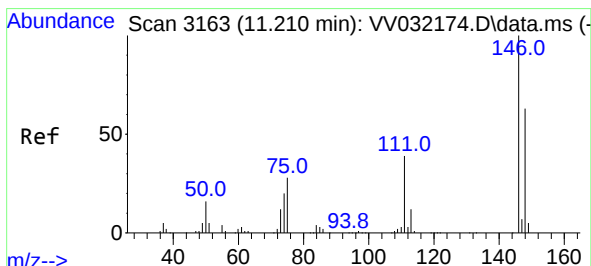
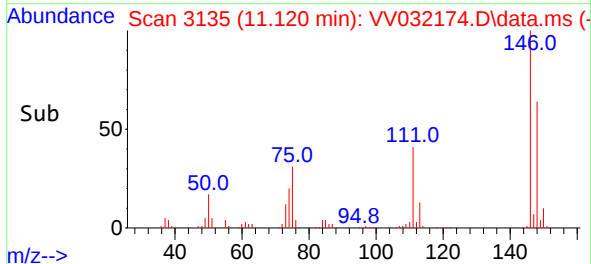
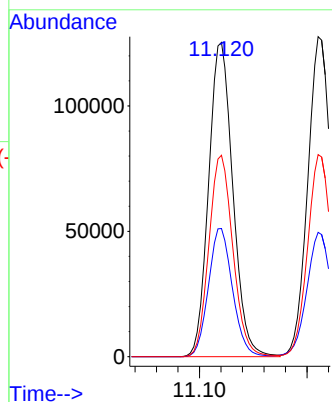
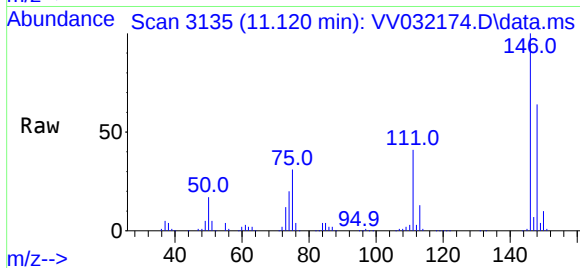




#64
1,3-Dichlorobenzene
Concen: 46.169 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

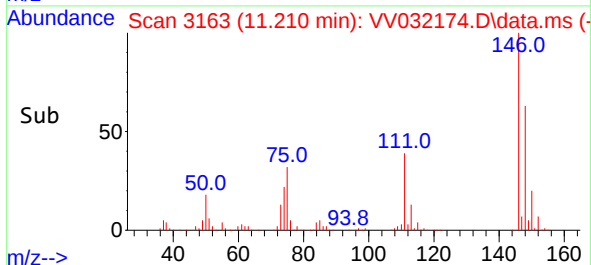
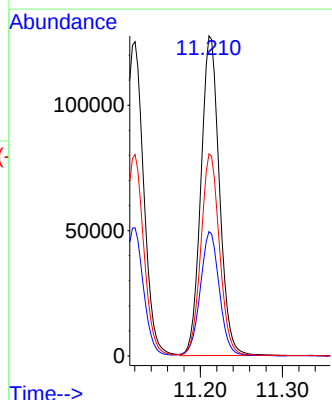
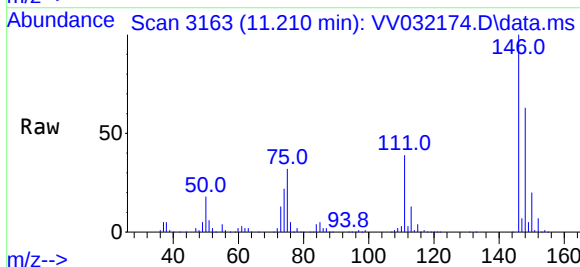
Instrument :
MSVOA_V
ClientSampleId :

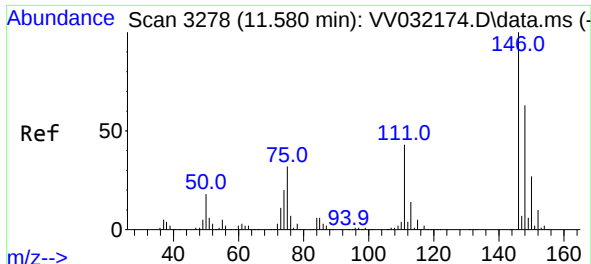
Tgt Ion:146 Resp: 195839
Ion Ratio Lower Upper
146 100
111 40.8 28.3 52.5
148 64.1 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 46.513 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion:146 Resp: 199301
Ion Ratio Lower Upper
146 100
111 38.9 27.5 51.1
148 63.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 45.948 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

Instrument :

MSVOA_V

ClientSampleId :

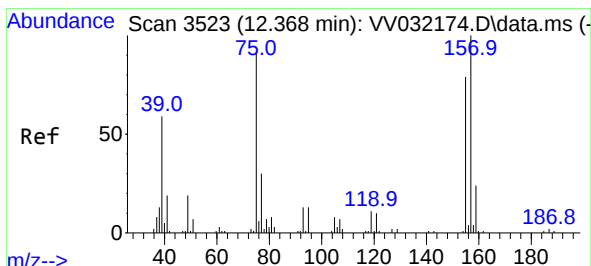
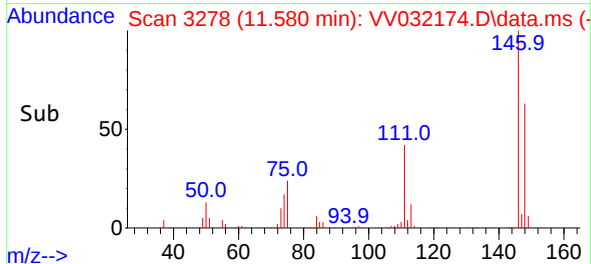
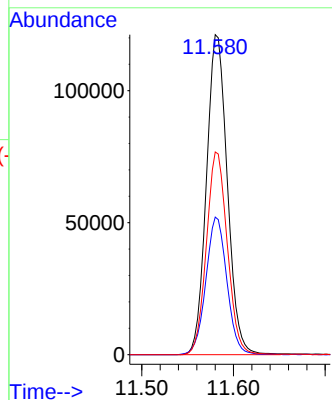
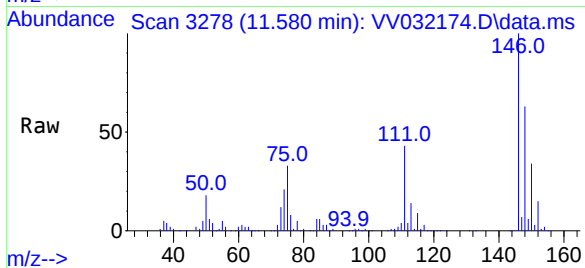
Tgt Ion:146 Resp: 191709

Ion Ratio Lower Upper

146 100

111 43.0 33.6 50.4

148 63.4 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 43.042 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

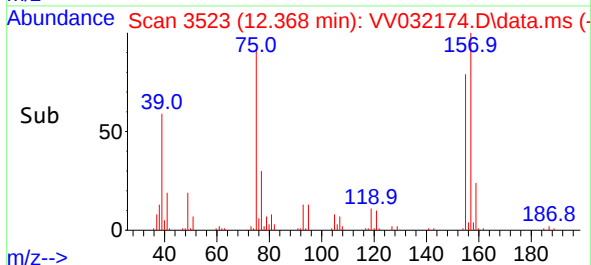
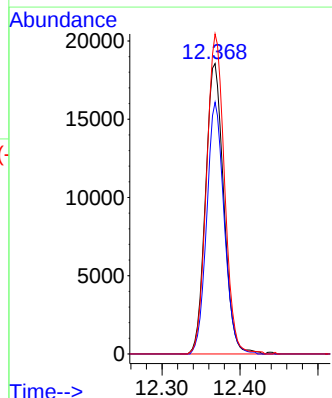
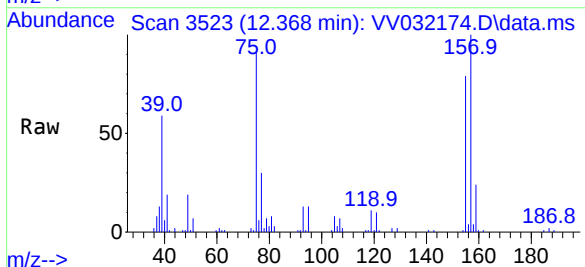
Tgt Ion: 75 Resp: 30116

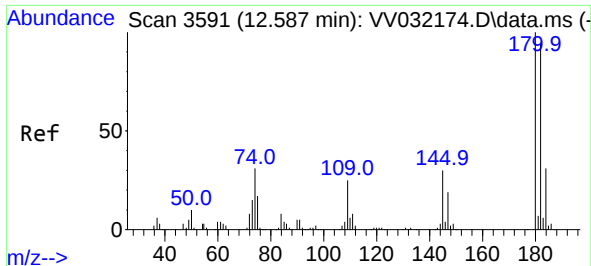
Ion Ratio Lower Upper

75 100

155 86.7 70.0 105.0

157 110.2 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 46.637 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. -0.000 min

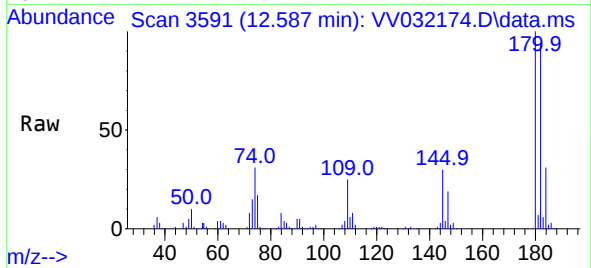
Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 143240

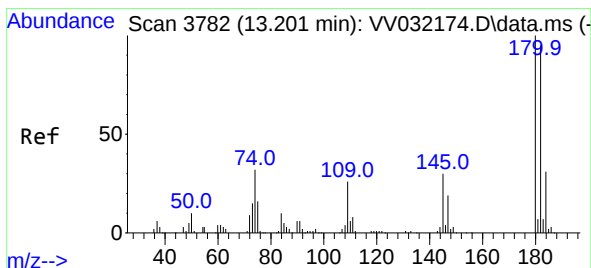
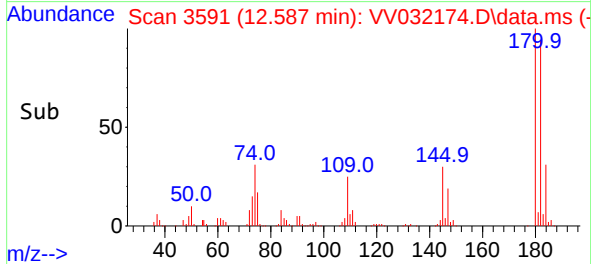
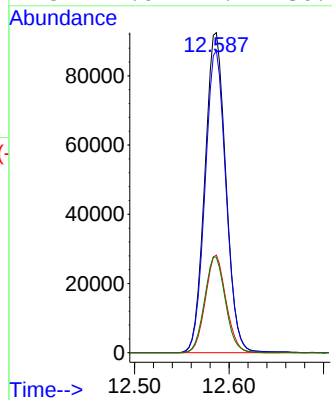
Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

184 29.8 23.9 35.9

145 29.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 45.753 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032174.D

Acq: 26 Sep 2023 09:08

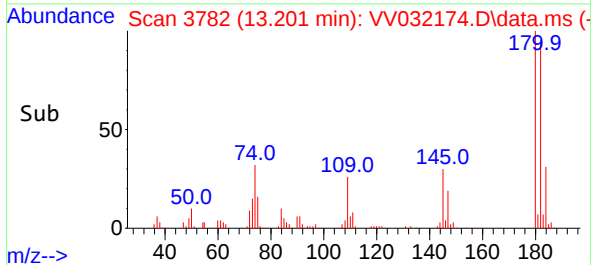
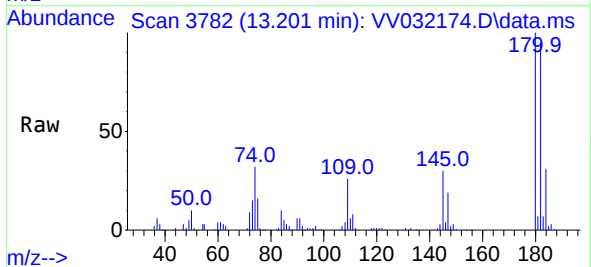
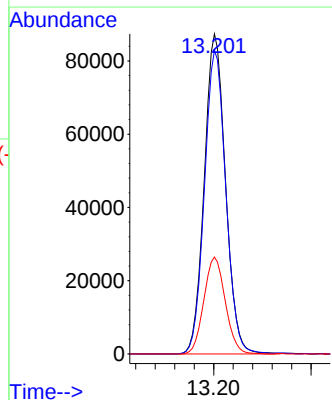
Tgt Ion:180 Resp: 132160

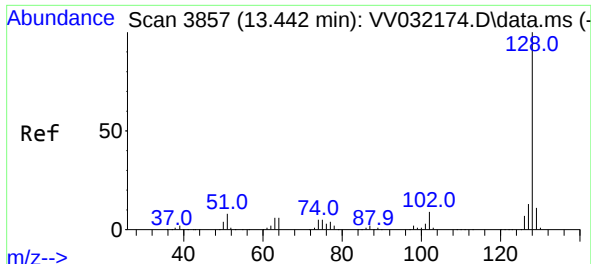
Ion Ratio Lower Upper

180 100

182 95.4 75.3 112.9

145 30.5 24.4 36.6

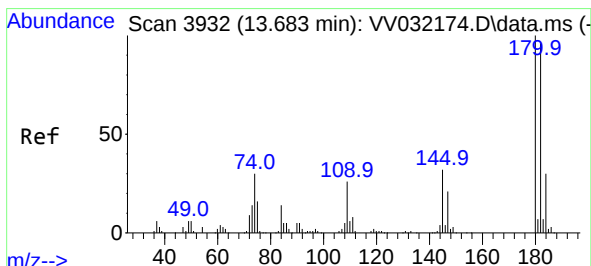
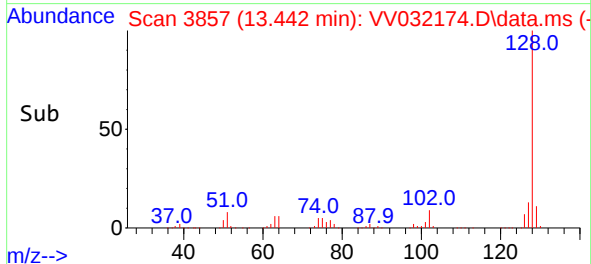
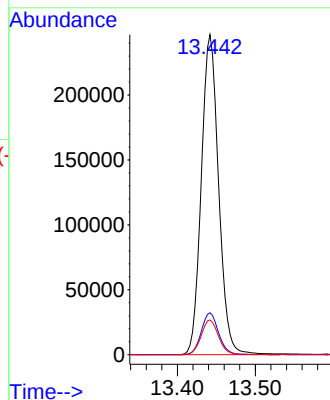
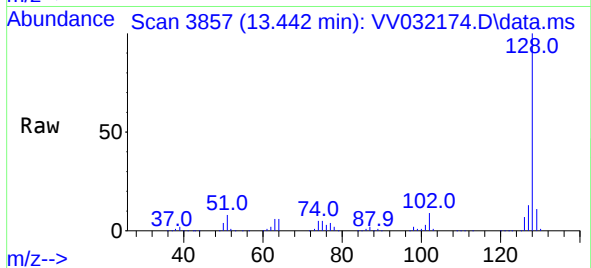




#71
Naphthalene
Concen: 39.985 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 380466
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 44.824 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032174.D
Acq: 26 Sep 2023 09:08

Tgt Ion:180 Resp: 128644
Ion Ratio Lower Upper
180 100
182 95.8 75.2 112.8
145 32.3 25.8 38.8

