

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092523\
 Data File : VV032171.D
 Acq On : 25 Sep 2023 14:12
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	243560	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	235303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	131211	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	316953	209.121	ug/L	0.00
7) Chloroethane-d5	1.516	69	267663	200.464	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.053	65	135440	192.787	ug/L	0.00
21) 2-Butanone-d5	3.780	46	595366	478.605	ug/L	0.00
24) Chloroform-d	4.249	84	656634	198.356	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	398173	183.928	ug/L	0.00
32) Benzene-d6	4.960	84	1278936	200.286	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	429940	205.707	ug/L	0.00
41) Toluene-d8	7.246	98	1176510	199.778	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	214930	202.672	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	414302	592.736	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	627346	227.805	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	489882	204.284	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	425964	265.370	ug/L	98
3) Chloromethane	1.214	50	460839	278.901	ug/L	99
5) Vinyl chloride	1.282	62	455123	264.389	ug/L	99
6) Bromomethane	1.468	94	195174	190.592	ug/L	100
8) Chloroethane	1.536	64	278546	247.054	ug/L	98
9) Trichlorofluoromethane	1.706	101	578222	237.696	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	344428	233.844	ug/L	99
12) 1,1-Dichloroethene	2.066	96	325291	244.156	ug/L	96
13) Acetone	2.111	43	480482	438.737	ug/L	100
14) Carbon disulfide	2.236	76	1050238	317.745	ug/L	100
15) Methyl Acetate	2.368	43	477398	239.803	ug/L	100
16) Methylene chloride	2.442	84	394419	230.758	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	364842	248.944	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	1227454	206.229	ug/L	100
19) 1,1-Dichloroethane	3.111	63	716661	223.165	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	417618	230.830	ug/L	98
22) 2-Butanone	3.860	43	702718	481.855	ug/L	97
23) Bromochloromethane	4.146	128	207306	234.916	ug/L	96
25) Chloroform	4.275	83	699291	212.814	ug/L	99
27) 1,2-Dichloroethane	5.040	62	526607	204.327	ug/L	99
29) Cyclohexane	4.584	56	674748	258.753	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	601009	217.518	ug/L	100
31) Carbon tetrachloride	4.735	117	521224	220.877	ug/L	100
33) Benzene	5.011	78	1537994	233.867	ug/L	100
34) Trichloroethene	5.831	95	418717	214.871	ug/L	99
35) Methylcyclohexane	6.053	83	671483	248.506	ug/L	100
37) 1,2-Dichloropropane	6.095	63	427981	235.679	ug/L	99
38) Bromodichloromethane	6.432	83	542717	212.545	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	711796	226.325	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	1292814	445.007	ug/L	99
42) Toluene	7.317	91	1644562	229.931	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	651049	216.983	ug/L	99

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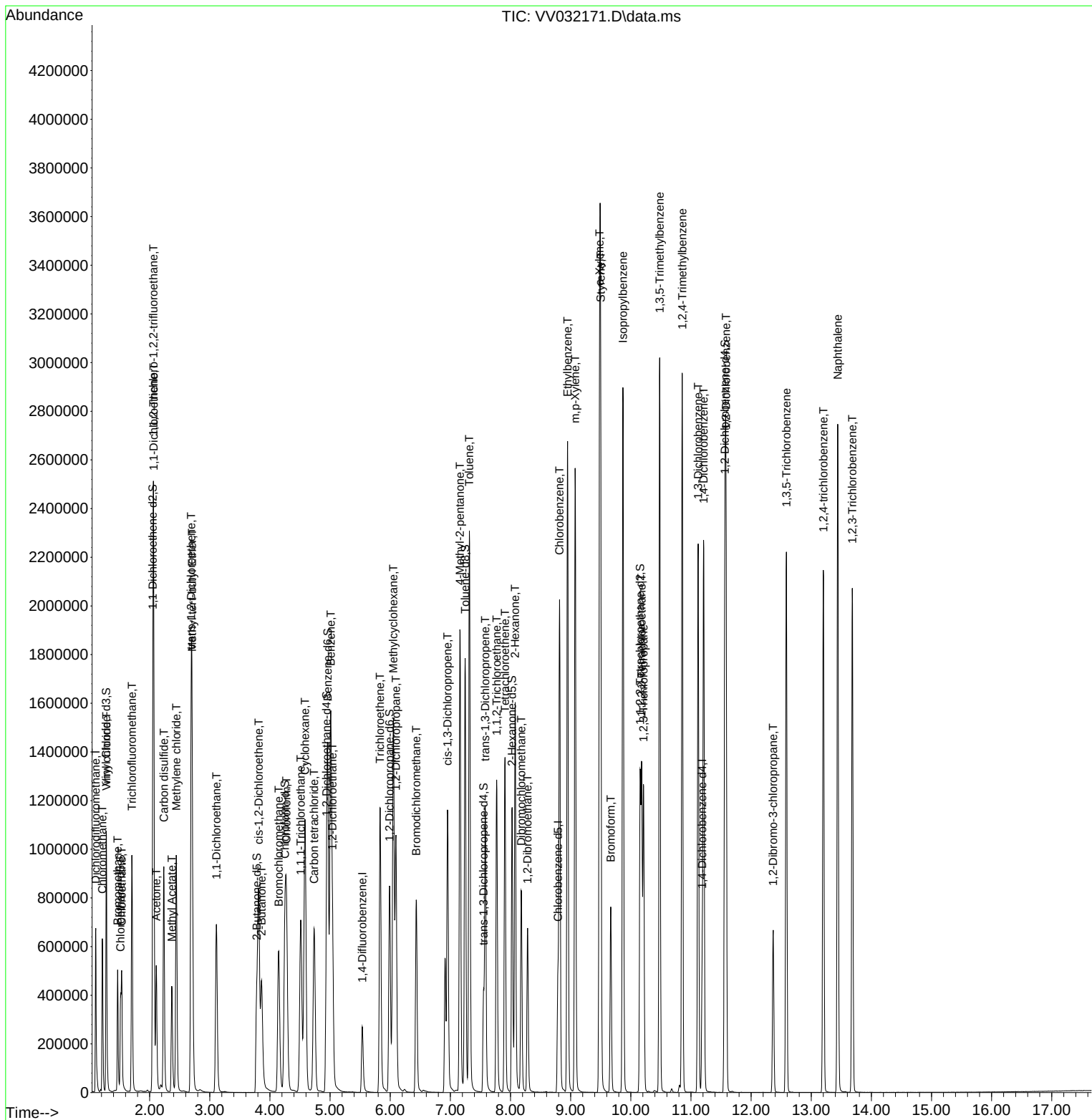
Instrument :
 MSVOA_V
 ClientSampleId :

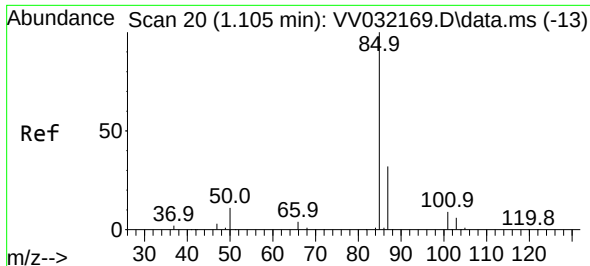
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	398485	215.372	ug/L	98
46) Tetrachloroethene	7.908	164	305809	242.195	ug/L	99
48) 2-Hexanone	8.079	43	1010397	455.843	ug/L	99
49) Dibromochloromethane	8.178	129	422062	224.295	ug/L	99
50) 1,2-Dibromoethane	8.284	107	437285	224.678	ug/L	100
51) Chlorobenzene	8.815	112	1059151	224.278	ug/L	99
52) Ethylbenzene	8.950	91	1858722	222.030	ug/L	98
53) m,p-Xylene	9.075	106	699043	225.411	ug/L	100
54) o-Xylene	9.481	106	683412	221.980	ug/L	99
55) Styrene	9.500	104	1194080	220.400	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	646422	240.364	ug/L	99
59) Bromoform	9.667	173	325262	234.930	ug/L	99
60) Isopropylbenzene	9.870	105	1842813	208.301	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	509574	202.890	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	1559134	210.119	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	1533487	206.263	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	862770	216.140	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	867631	214.092	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	856088	215.879	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	158982	216.062	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	644765	222.992	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	620914	224.485	ug/L	99
71) Naphthalene	13.442	128	1997372	225.085	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	596145	222.624	ug/L	99

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

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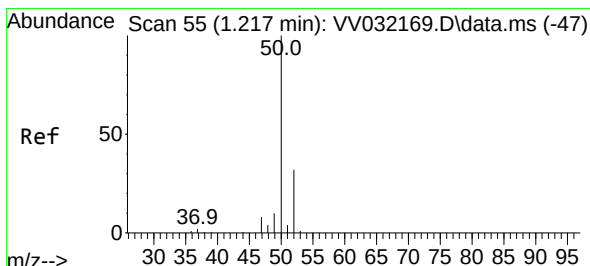
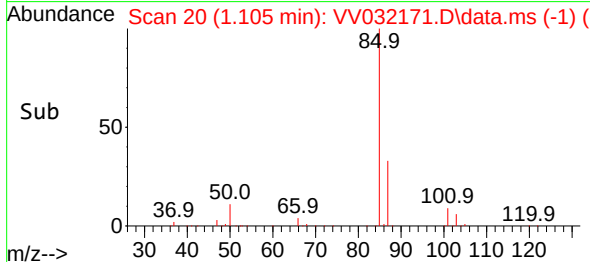
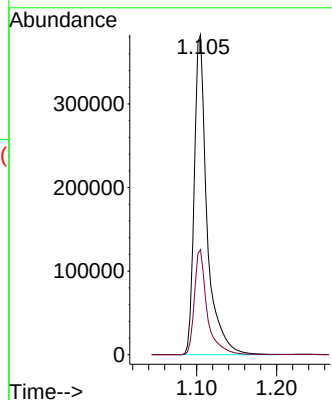
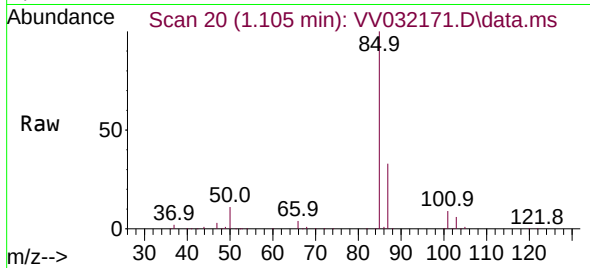




#2
 Dichlorodifluoromethane
 Concen: 265.370 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032171.D
 Acq: 25 Sep 2023 14:12

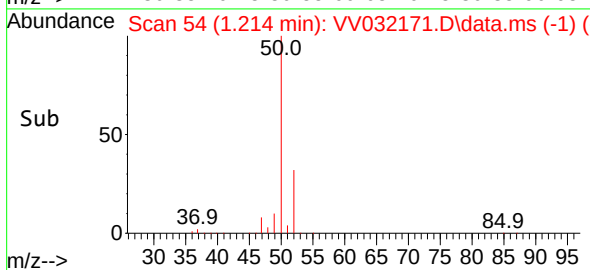
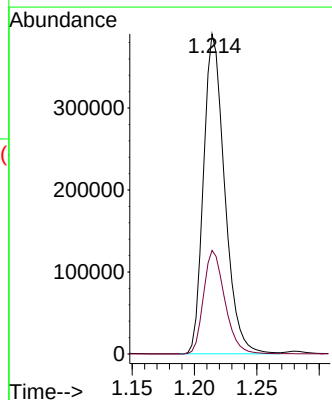
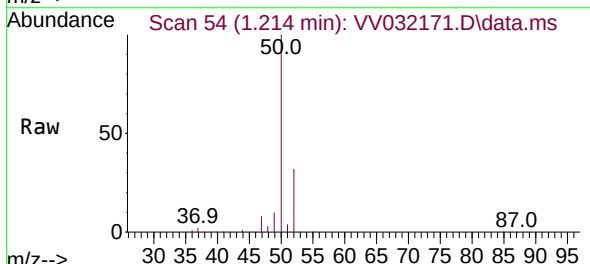
Instrument :
 MSVOA_V
 ClientSampleId :

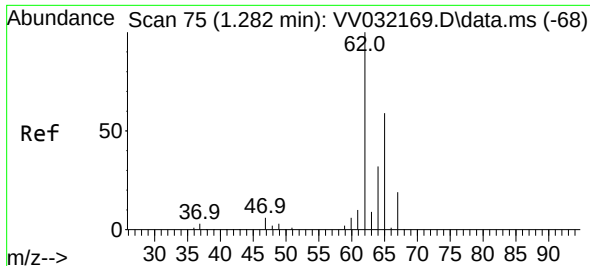
Tgt Ion: 85 Resp: 425964
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.4 38.0



#3
 Chloromethane
 Concen: 278.901 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032171.D
 Acq: 25 Sep 2023 14:12

Tgt Ion: 50 Resp: 460839
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.4 41.6





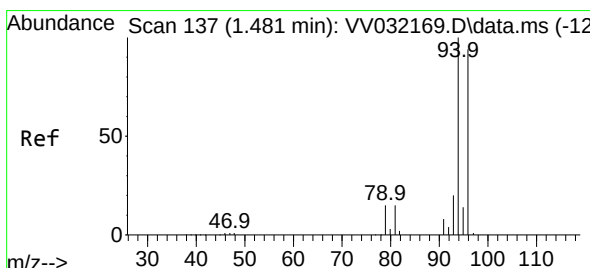
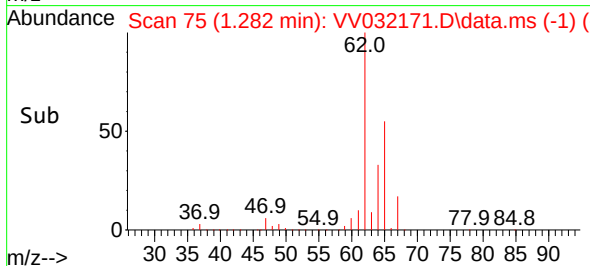
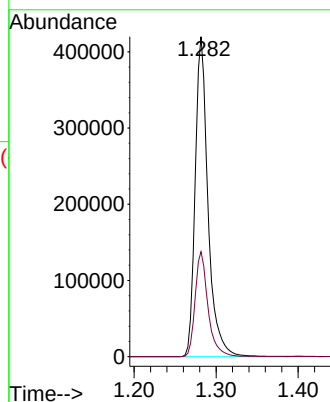
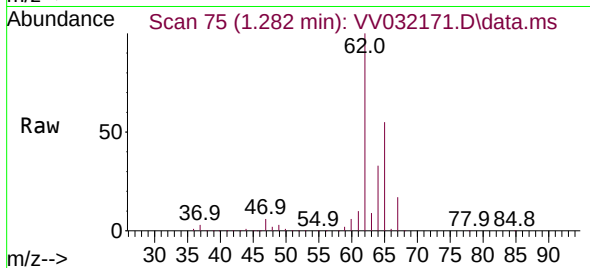
#5
 Vinyl chloride
 Concen: 264.389 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032171.D
 Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

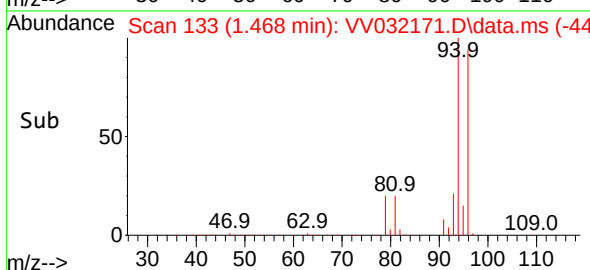
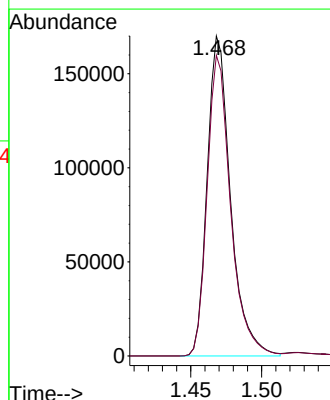
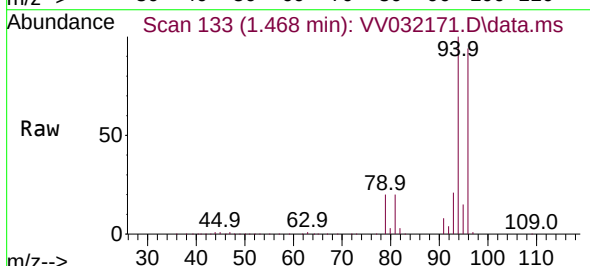
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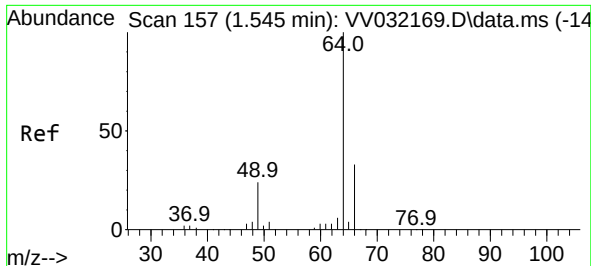
Tgt Ion: 62 Resp: 455123
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.5 41.9



#6
 Bromomethane
 Concen: 190.592 ug/L
 RT: 1.468 min Scan# 133
 Delta R.T. -0.013 min
 Lab File: VV032171.D
 Acq: 25 Sep 2023 14:12

Tgt Ion: 94 Resp: 195174
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.7 122.1





#8

Chloroethane

Concen: 247.054 ug/L

RT: 1.536 min Scan# 11

Delta R.T. -0.010 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

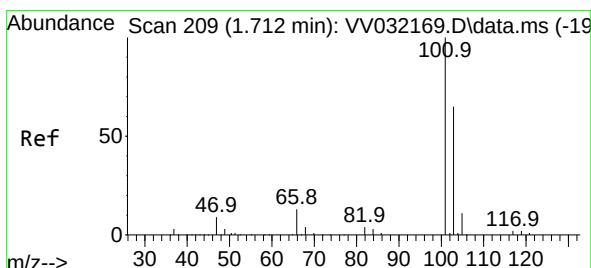
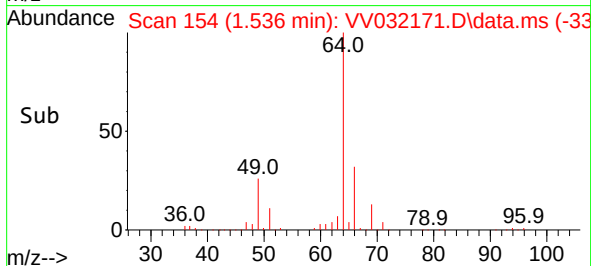
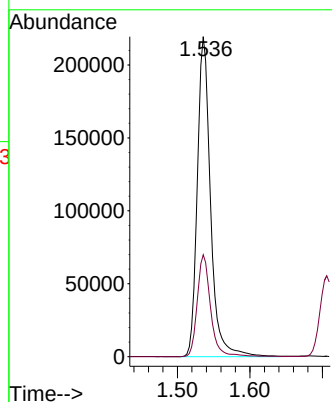
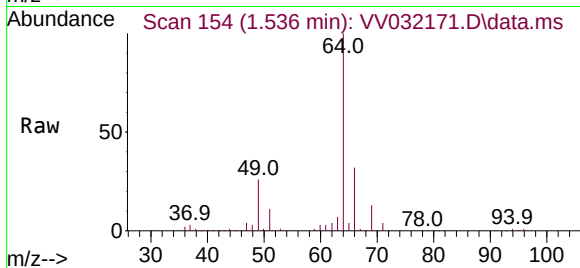
ClientSampleId :

Tgt Ion: 64 Resp: 278546

Ion Ratio Lower Upper

64 100

66 31.9 23.0 42.6



#9

Trichlorofluoromethane

Concen: 237.696 ug/L

RT: 1.706 min Scan# 207

Delta R.T. -0.006 min

Lab File: VV032171.D

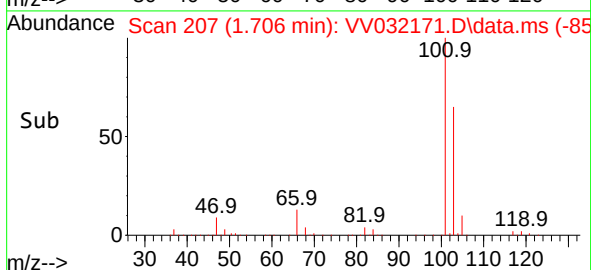
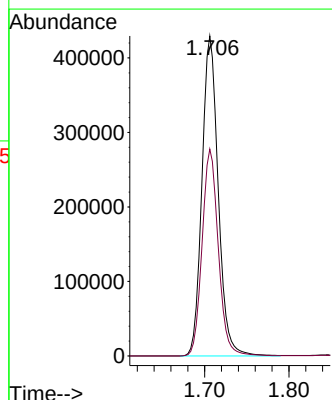
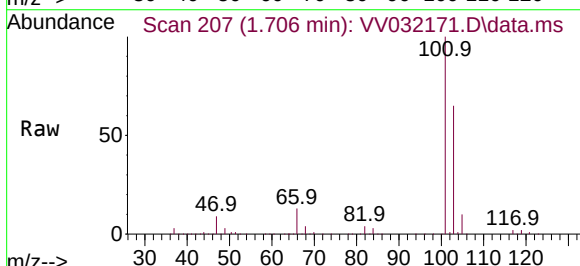
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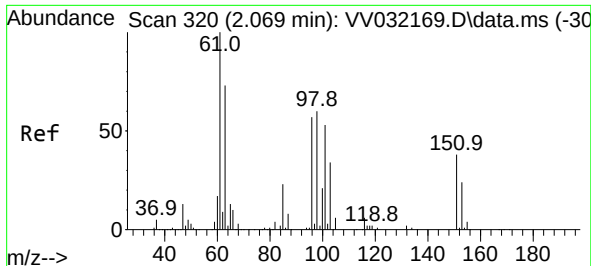
Tgt Ion:101 Resp: 578222

Ion Ratio Lower Upper

101 100

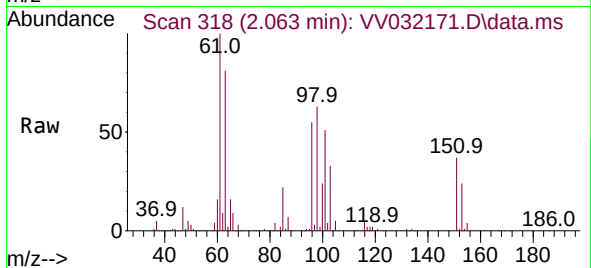
103 64.5 52.1 78.1



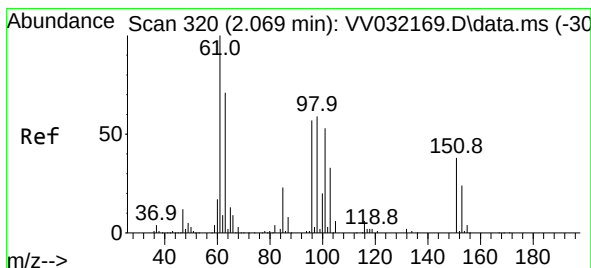
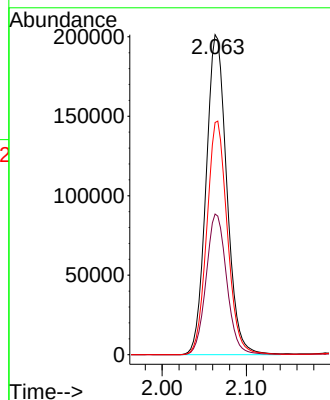
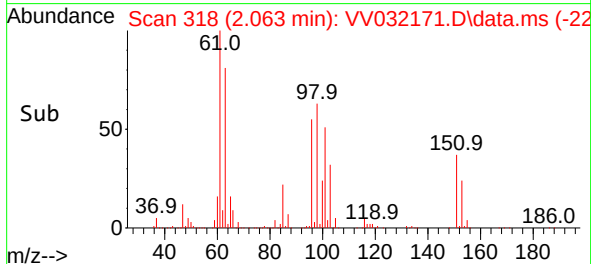


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 233.844 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV032171.D
 Acq: 25 Sep 2023 14:12

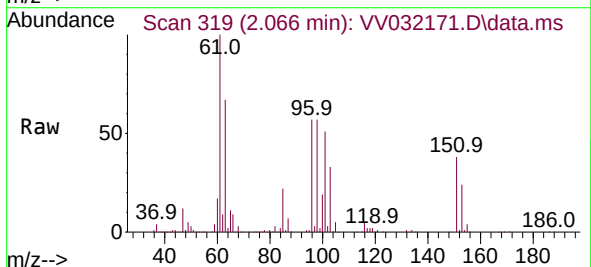
Instrument :
 MSVOA_V
 ClientSampleId :



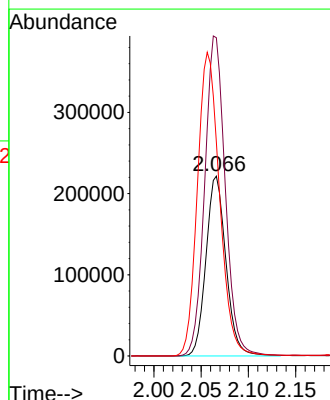
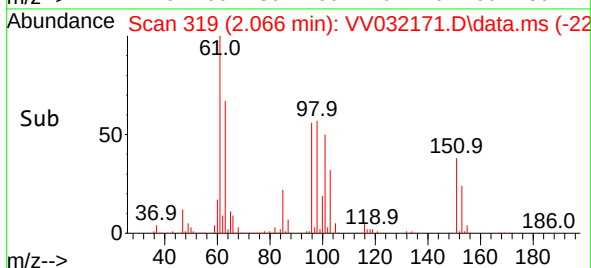
Tgt Ion:101 Resp: 344428
 Ion Ratio Lower Upper
 101 100
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 151 72.4 57.6 86.4

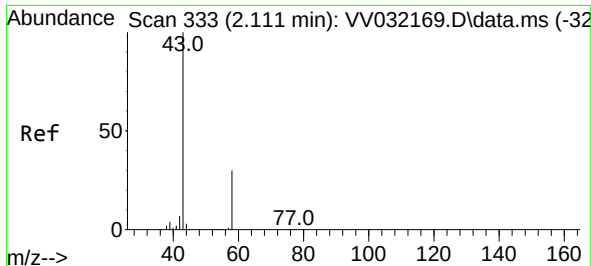


#12
 1,1-Dichloroethene
 Concen: 244.156 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV032171.D
 Acq: 25 Sep 2023 14:12



Tgt Ion: 96 Resp: 325291
 Ion Ratio Lower Upper
 96 100
 61 176.9 123.7 229.7
 63 118.9 89.9 167.0





#13

Acetone

Concen: 438.737 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

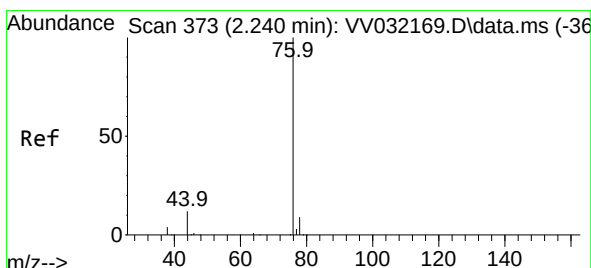
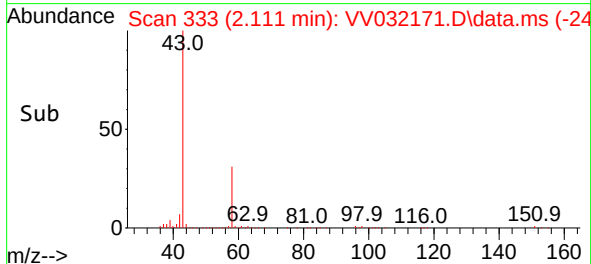
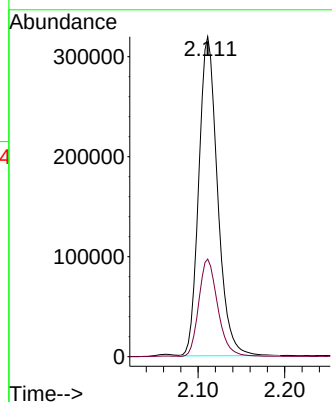
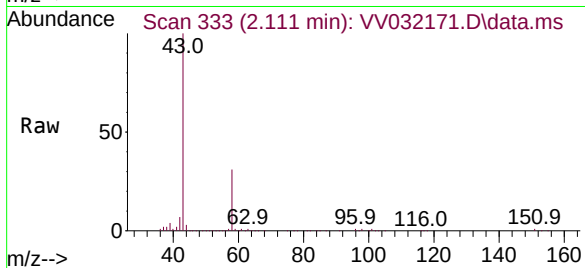
ClientSampleId :

Tgt Ion: 43 Resp: 480482

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.4



#14

Carbon disulfide

Concen: 317.745 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV032171.D

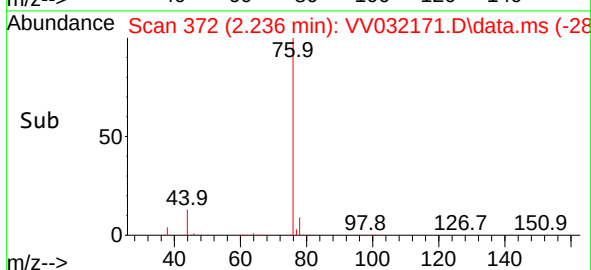
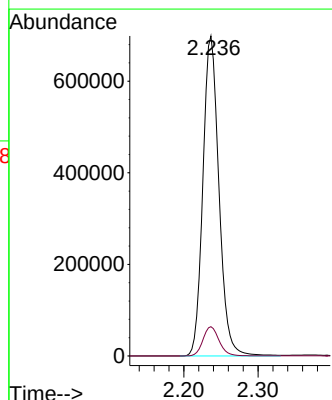
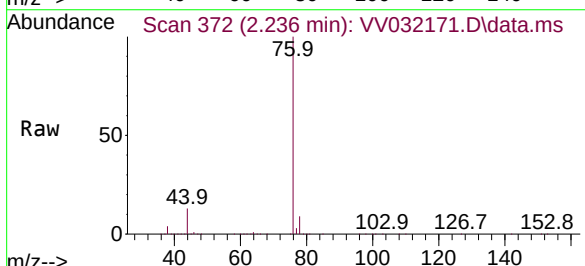
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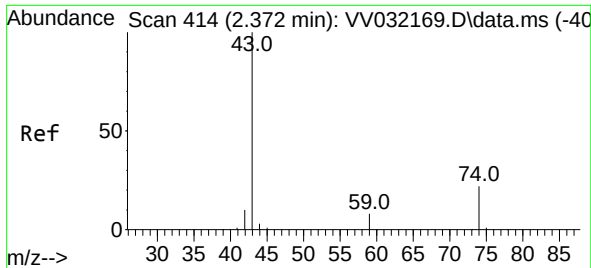
Tgt Ion: 76 Resp: 1050238

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

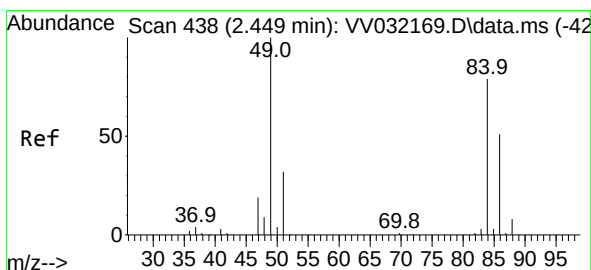
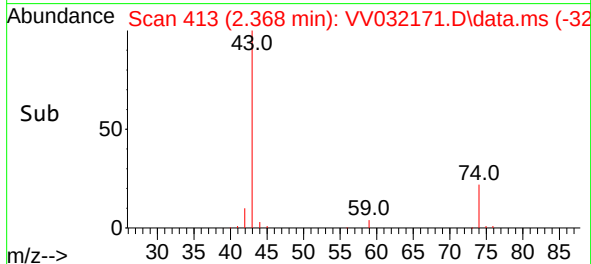
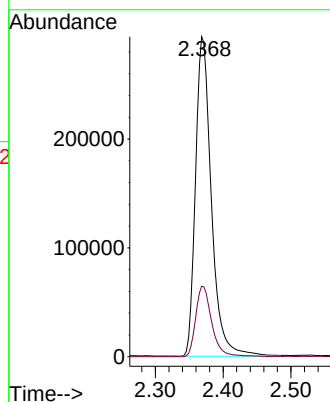
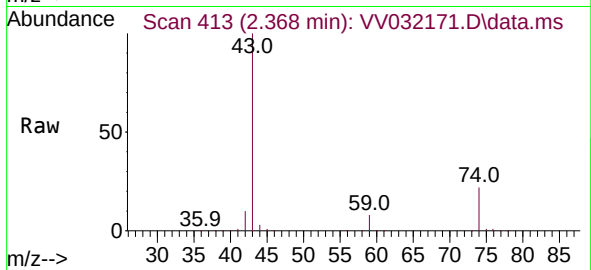




#15
Methyl Acetate
Concen: 239.803 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

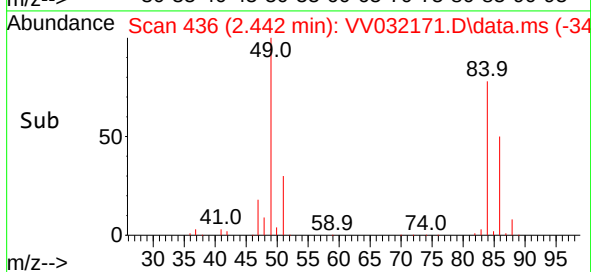
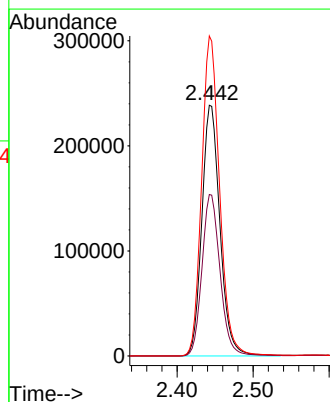
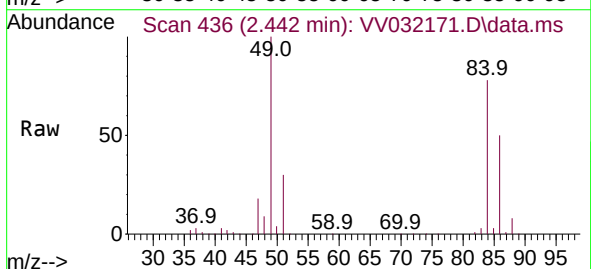
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MSVOA_V
ClientSampleId :

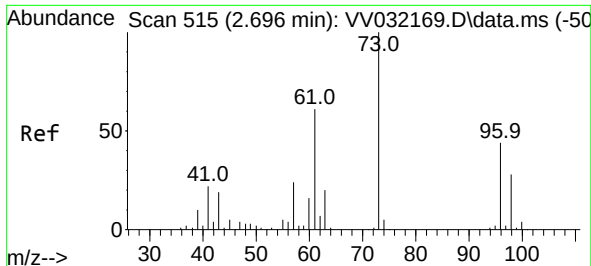
Tgt Ion: 43 Resp: 477398
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8



#16
Methylene chloride
Concen: 230.758 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.006 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 84 Resp: 394419
Ion Ratio Lower Upper
84 100
86 64.4 45.4 84.4
49 127.6 88.5 164.4

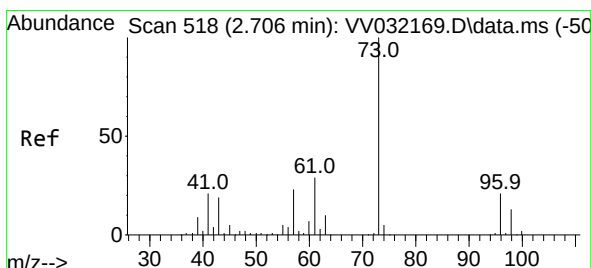
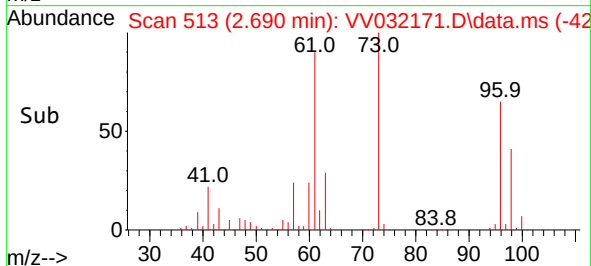
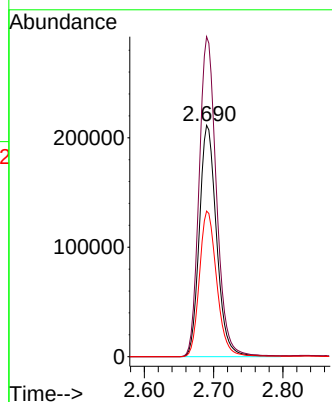
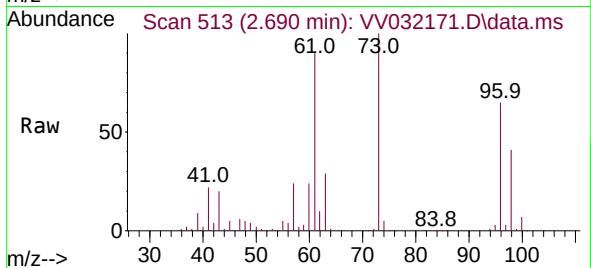




#17
trans-1,2-Dichloroethene
Concen: 248.944 ug/L
RT: 2.690 min Scan# 515
Delta R.T. -0.006 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

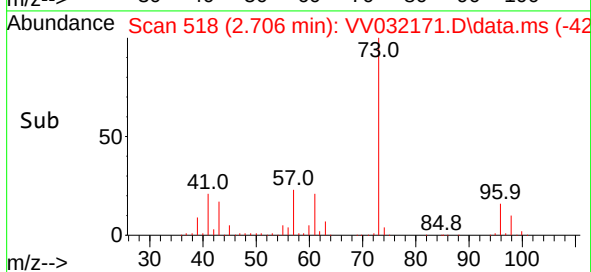
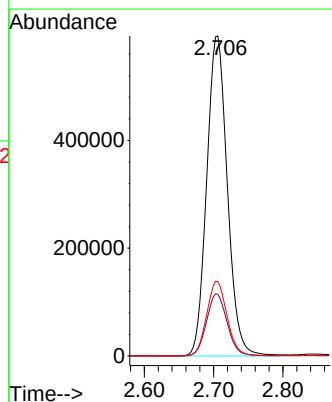
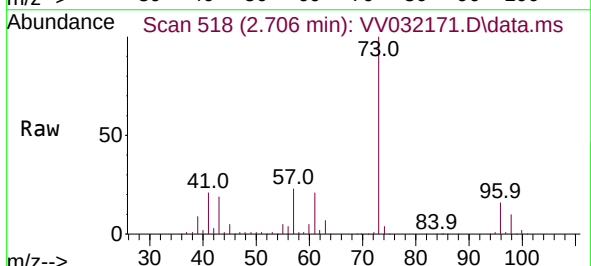
Instrument :
MSVOA_V
ClientSampleId :

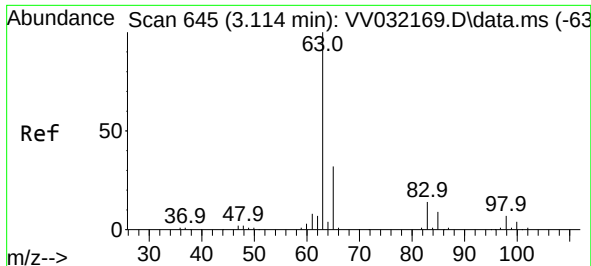
Tgt Ion: 96 Resp: 364842
Ion Ratio Lower Upper
96 100
61 138.3 97.4 180.8
98 62.9 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 206.229 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

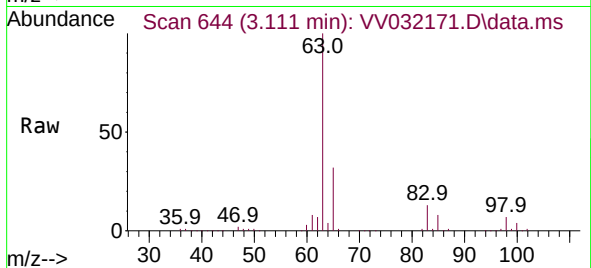
Tgt Ion: 73 Resp: 1227454
Ion Ratio Lower Upper
73 100
43 19.2 15.3 22.9
57 23.1 18.6 28.0



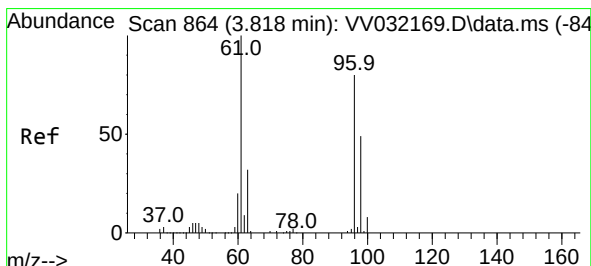
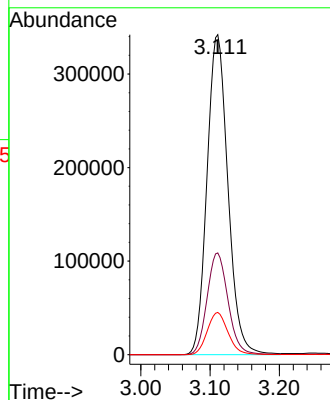
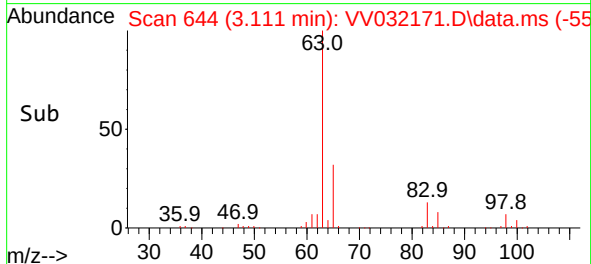


#19
1,1-Dichloroethane
Concen: 223.165 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Instrument :
MSVOA_V
ClientSampleId :

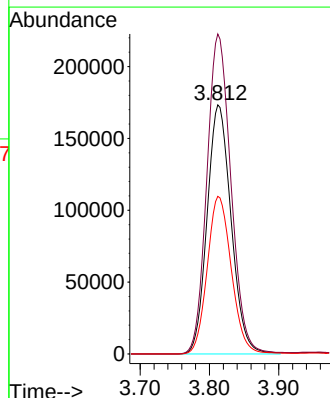
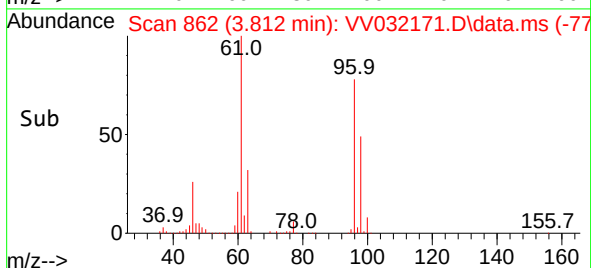
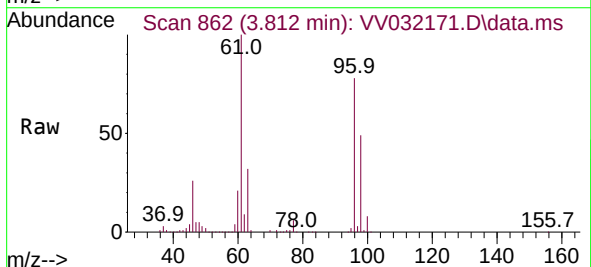


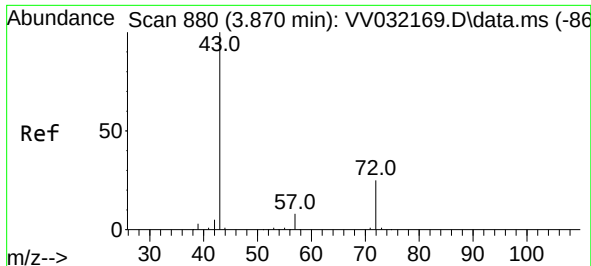
Tgt Ion: 63 Resp: 716661
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.3
83 13.2 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 230.830 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.006 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 96 Resp: 417618
Ion Ratio Lower Upper
96 100
61 128.4 88.3 164.1
98 63.3 43.3 80.3

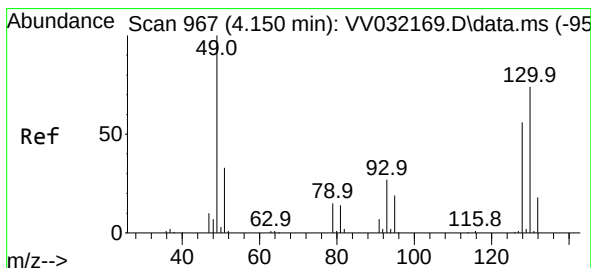
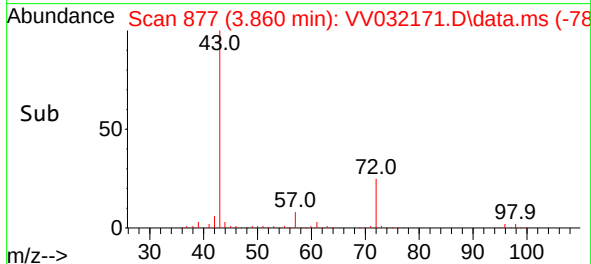
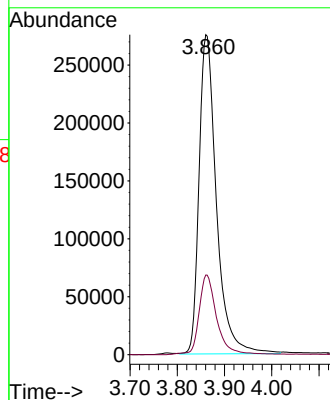
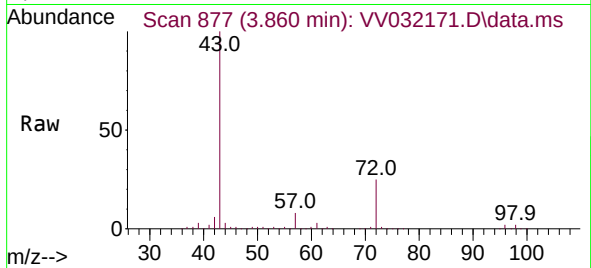




#22
2-Butanone
Concen: 481.855 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.010 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

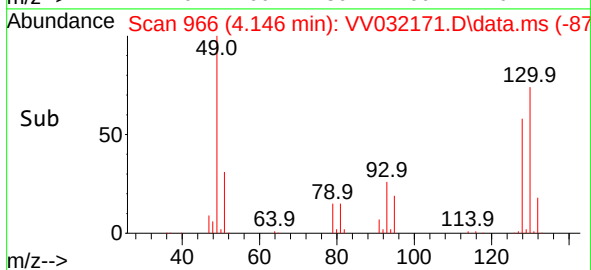
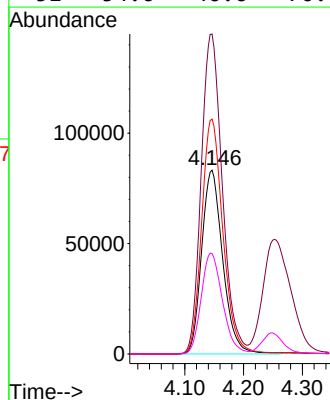
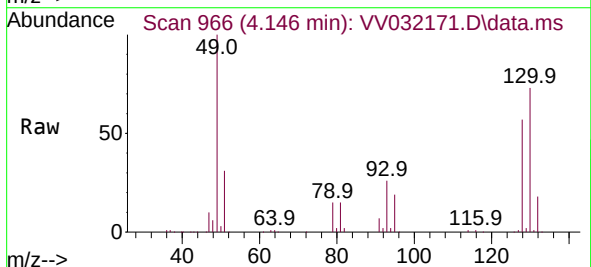
Instrument :
MSVOA_V
ClientSampleId :

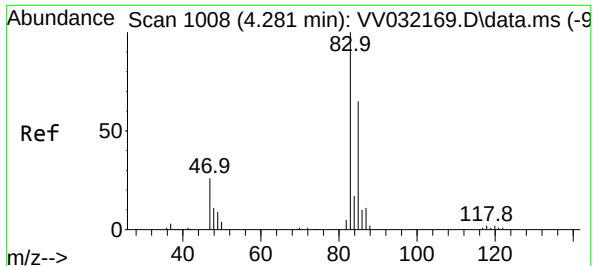
Tgt Ion: 43 Resp: 702718
Ion Ratio Lower Upper
43 100
72 25.5 12.0 36.0



#23
Bromochloromethane
Concen: 234.916 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion:128 Resp: 207306
Ion Ratio Lower Upper
128 100
49 174.1 125.0 232.2
130 127.8 92.3 171.5
51 54.6 46.6 70.0





#25

Chloroform

Concen: 212.814 ug/L

RT: 4.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

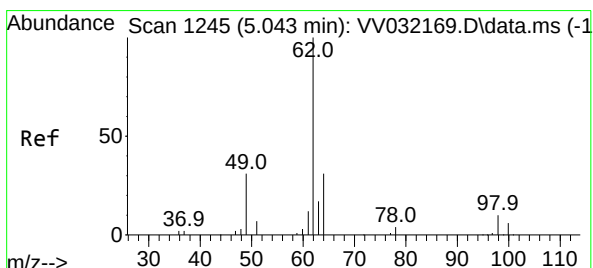
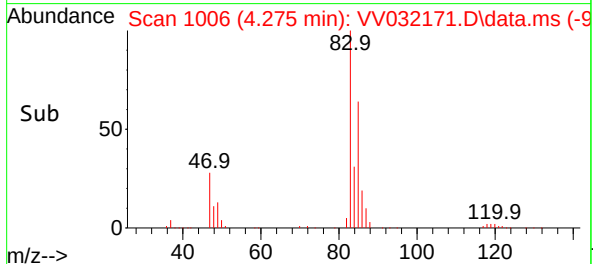
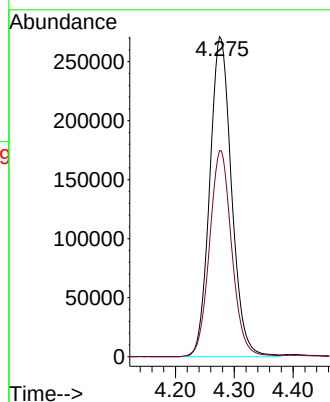
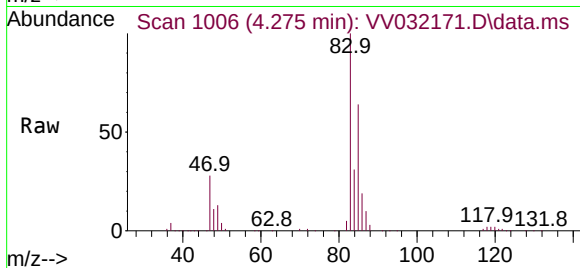
ClientSampleId :

Tgt Ion: 83 Resp: 699291

Ion Ratio Lower Upper

83 100

85 64.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 204.327 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV032171.D

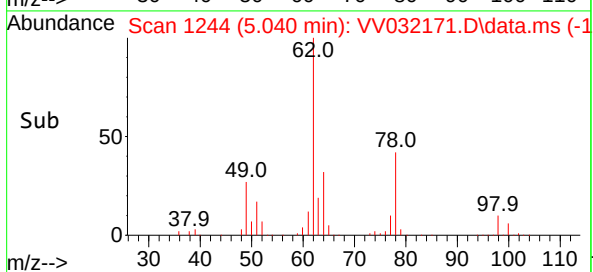
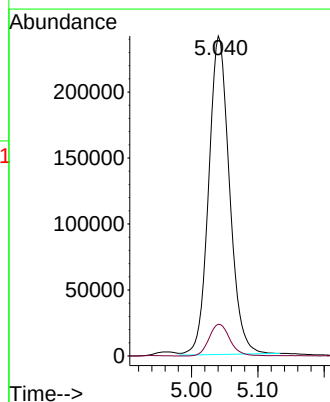
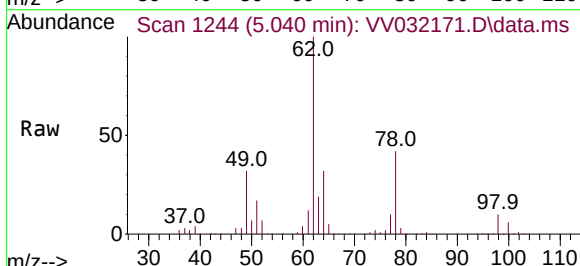
Acq: 25 Sep 2023 14:12

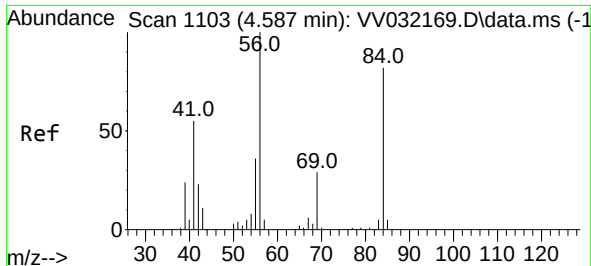
Tgt Ion: 62 Resp: 526607

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1





#29

Cyclohexane

Concen: 258.753 ug/L

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :

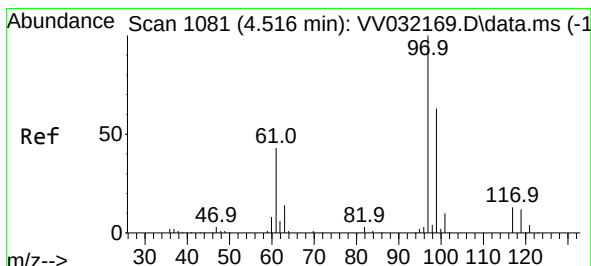
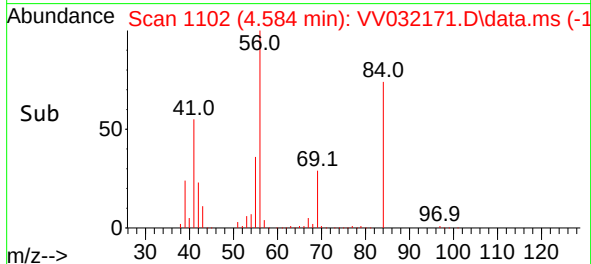
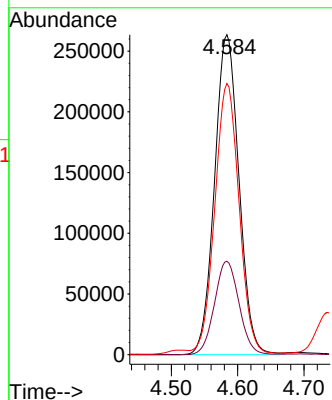
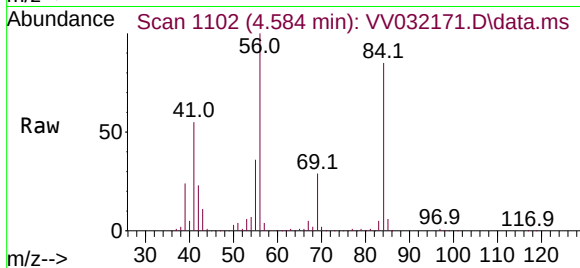
Tgt Ion: 56 Resp: 674748

Ion Ratio Lower Upper

56 100

69 29.3 23.3 34.9

84 83.6 66.2 99.2



#30

1,1,1-Trichloroethane

Concen: 217.518 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

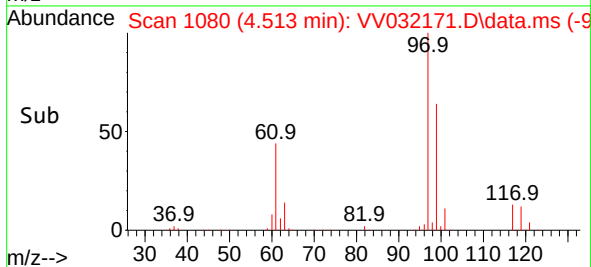
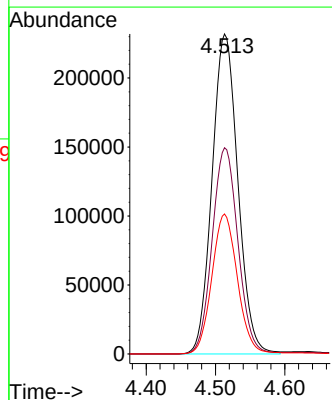
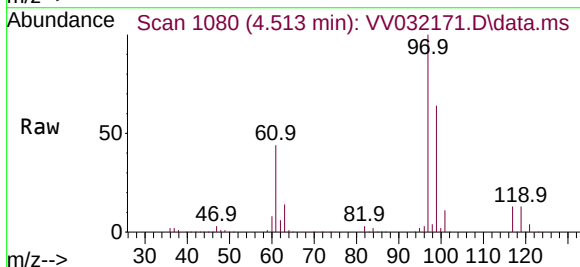
Tgt Ion: 97 Resp: 601009

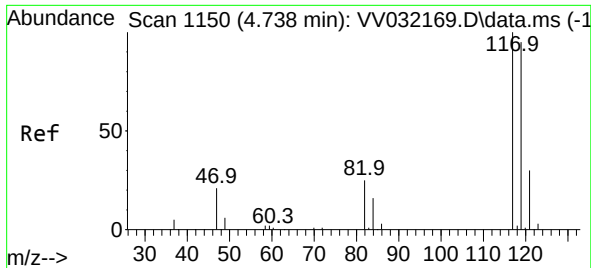
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 43.4 35.0 52.6

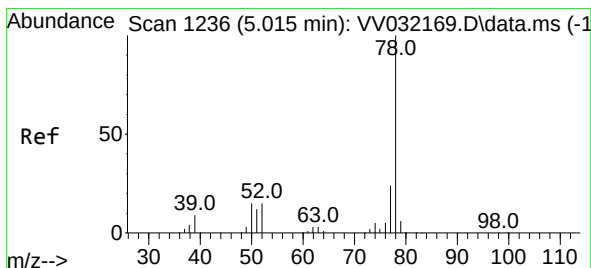
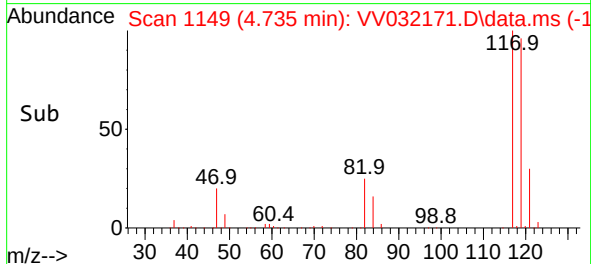
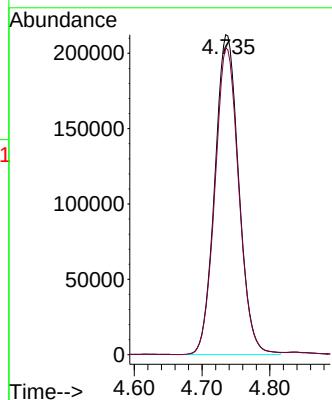
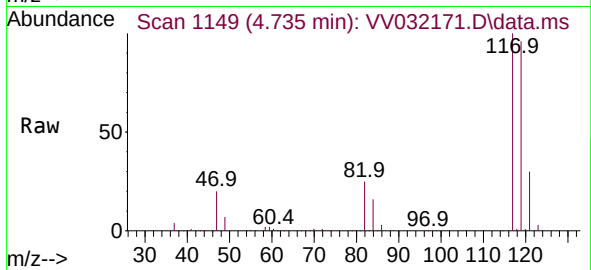




#31
Carbon tetrachloride
Concen: 220.877 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

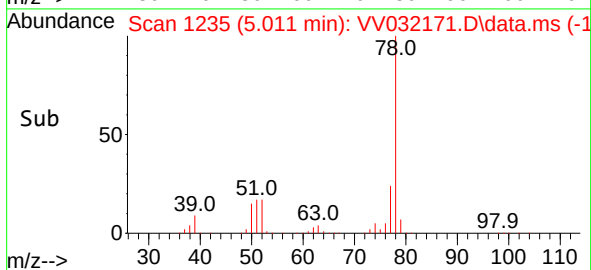
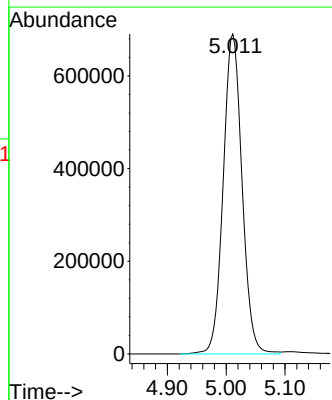
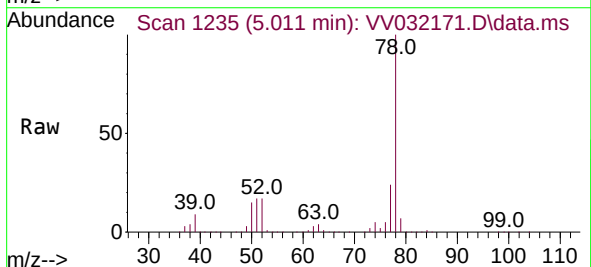
Instrument :
MSVOA_V
ClientSampleId :

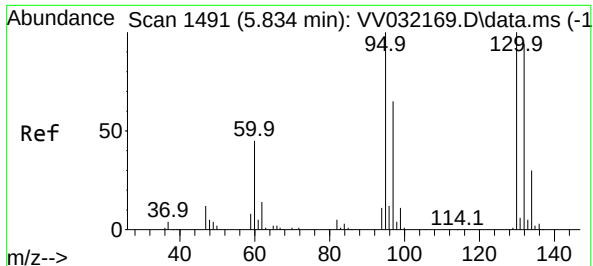
Tgt Ion:117 Resp: 521224
Ion Ratio Lower Upper
117 100
119 95.9 76.6 115.0



#33
Benzene
Concen: 233.867 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 78 Resp: 1537994

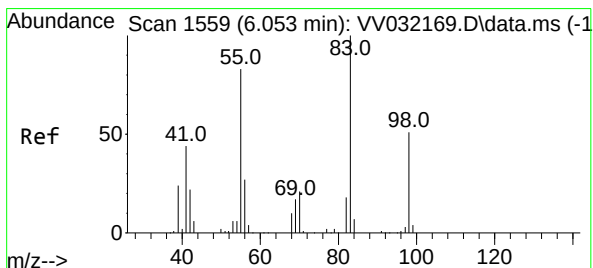
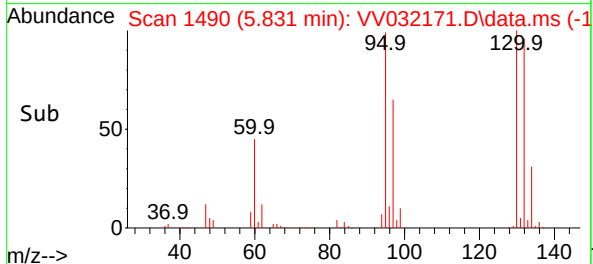
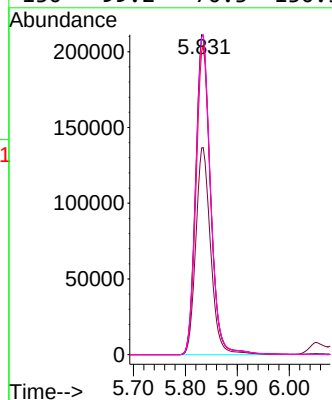
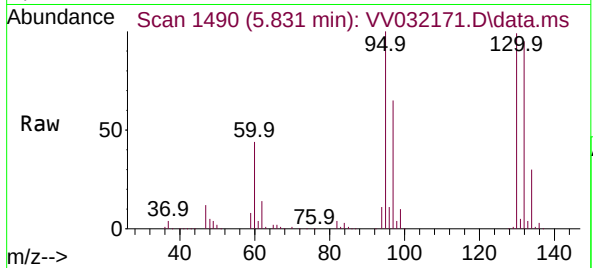




#34
Trichloroethene
Concen: 214.871 ug/L
RT: 5.831 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

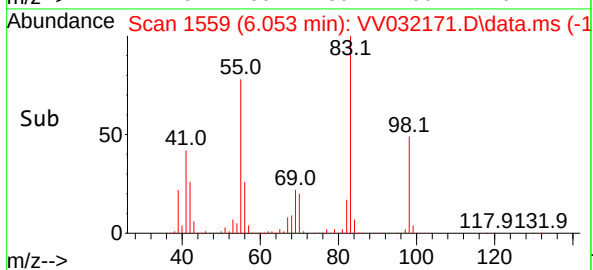
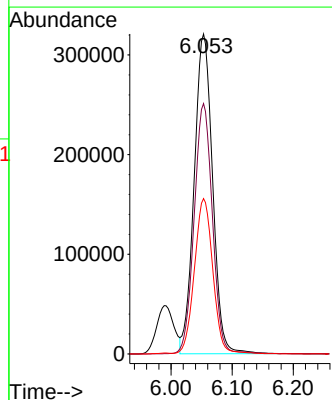
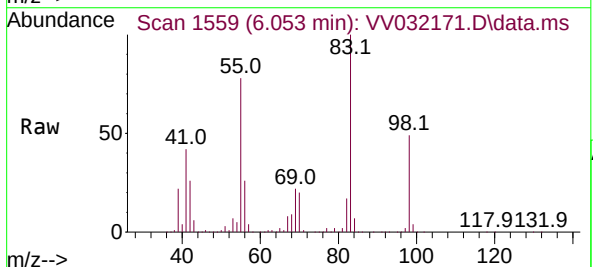
Instrument :
MSVOA_V
ClientSampleId :

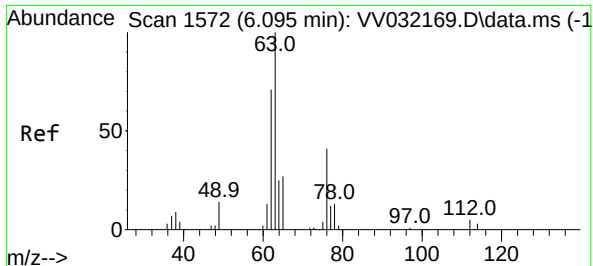
Tgt Ion: 95 Resp: 418717
Ion Ratio Lower Upper
95 100
97 64.6 45.4 84.4
132 94.9 66.1 122.7
130 99.2 70.3 130.5



#35
Methylcyclohexane
Concen: 248.506 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 83 Resp: 671483
Ion Ratio Lower Upper
83 100
55 78.0 62.9 94.3
98 48.5 38.9 58.3





#37

1,2-Dichloropropane

Concen: 235.679 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

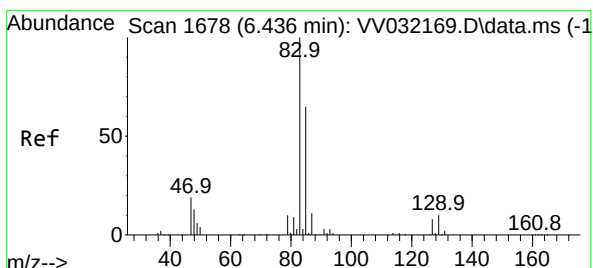
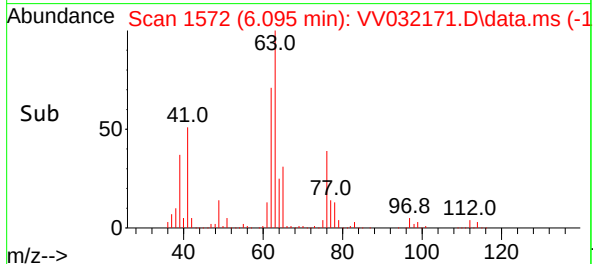
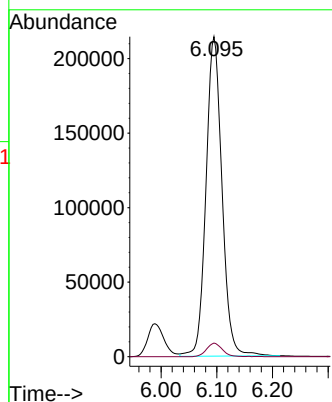
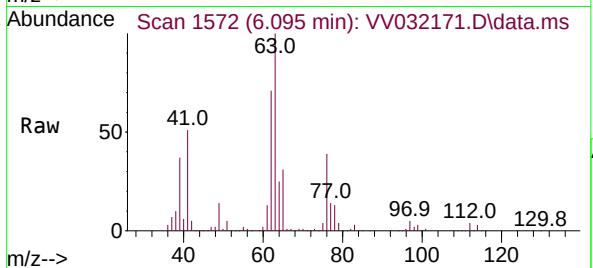
ClientSampleId :

Tgt Ion: 63 Resp: 427981

Ion Ratio Lower Upper

63 100

112 4.2 3.7 5.5



#38

Bromodichloromethane

Concen: 212.545 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

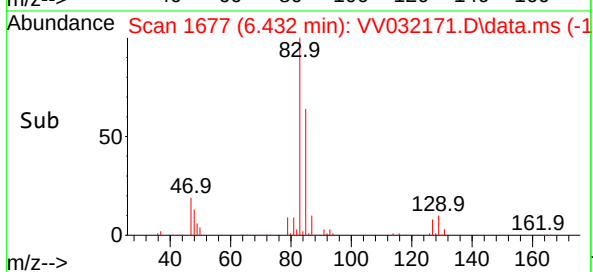
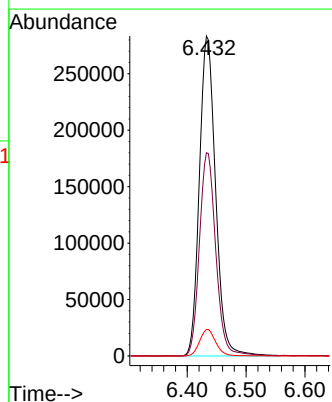
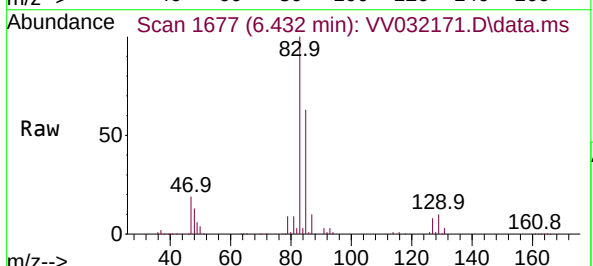
Tgt Ion: 83 Resp: 542717

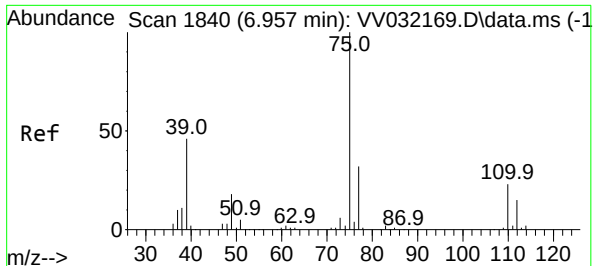
Ion Ratio Lower Upper

83 100

85 63.5 45.1 83.9

127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 226.325 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

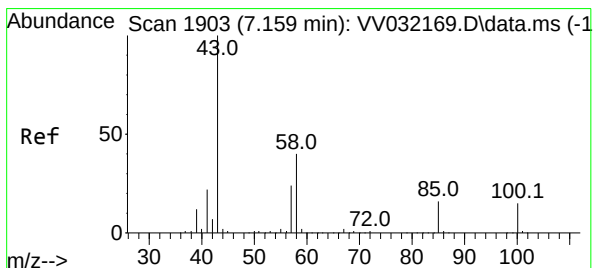
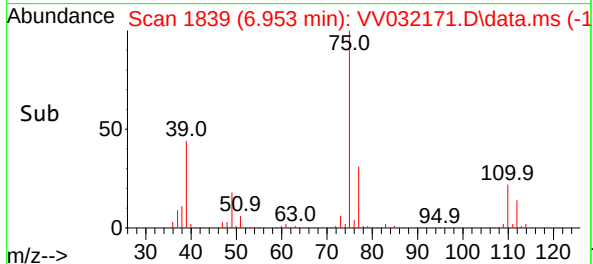
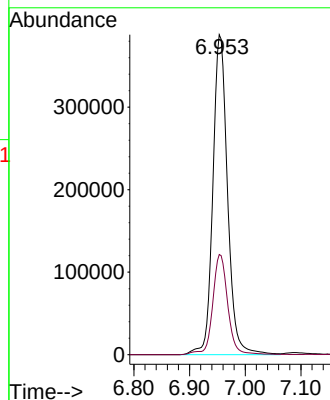
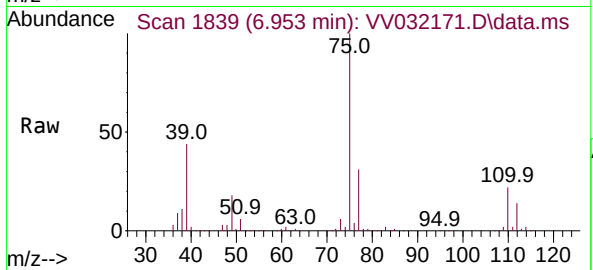
ClientSampleId :

Tgt Ion: 75 Resp: 711796

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 445.007 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

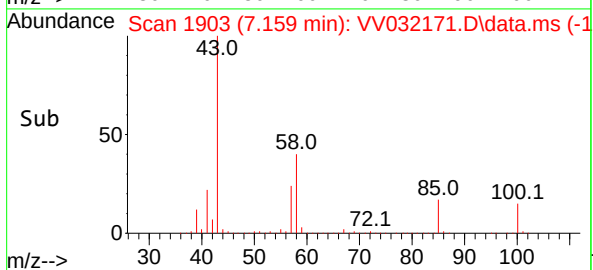
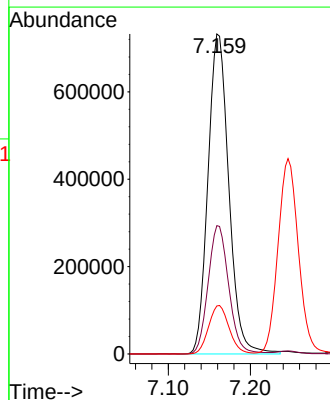
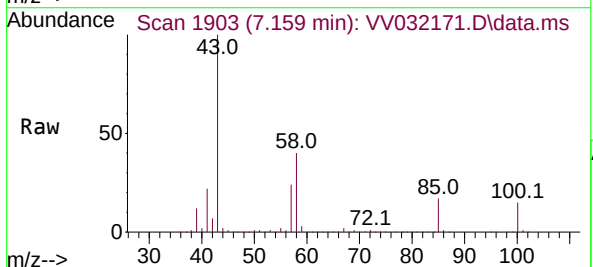
Tgt Ion: 43 Resp: 1292814

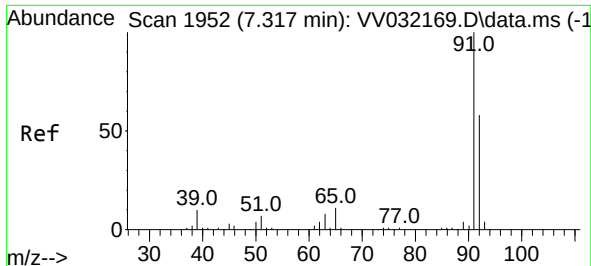
Ion Ratio Lower Upper

43 100

58 39.7 31.0 46.6

100 14.9 11.6 17.4

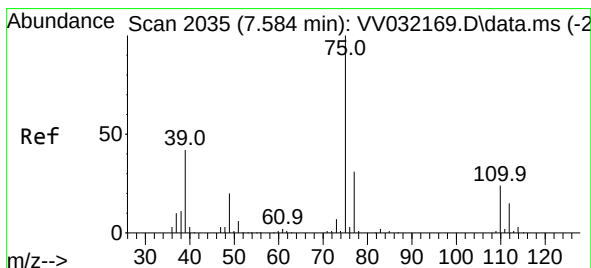
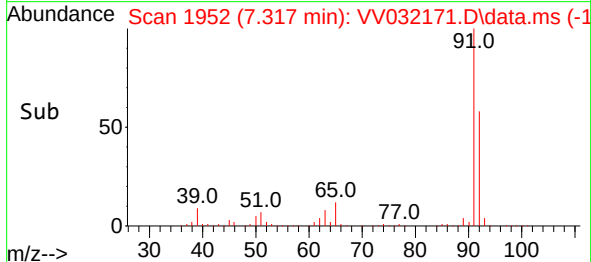
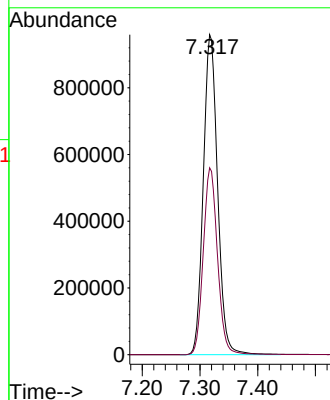
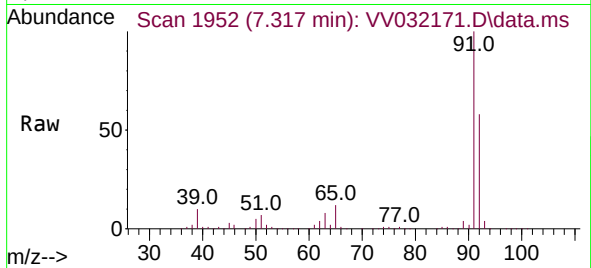




#42
Toluene
Concen: 229.931 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

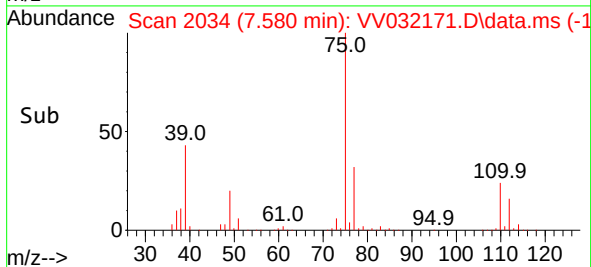
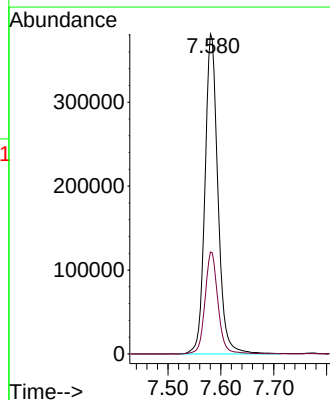
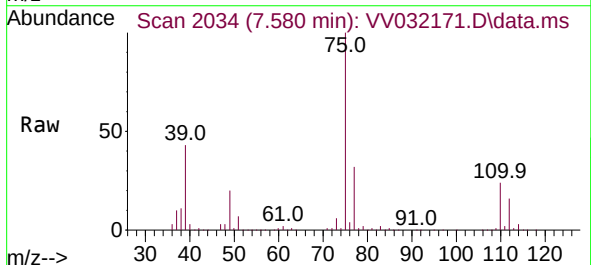
Instrument :
MSVOA_V
ClientSampleId :

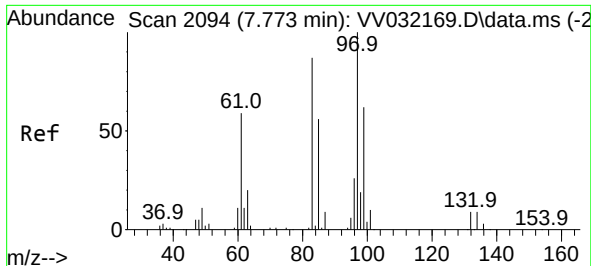
Tgt Ion: 91 Resp: 1644562
Ion Ratio Lower Upper
91 100
92 58.4 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 216.983 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 75 Resp: 651049
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8

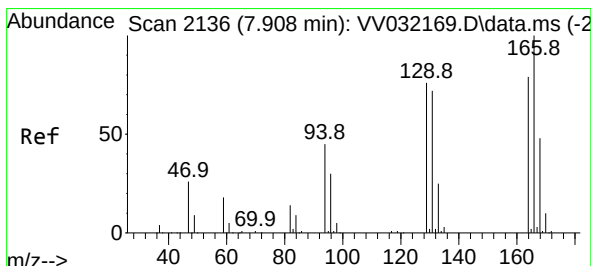
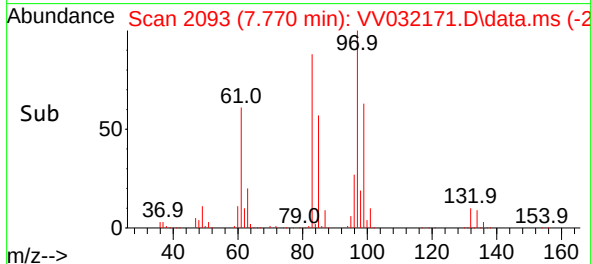
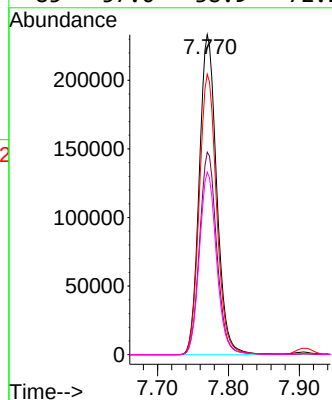
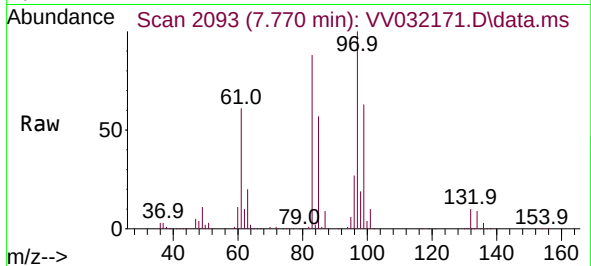




#45
1,1,2-Trichloroethane
Concen: 215.372 ug/L
RT: 7.770 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

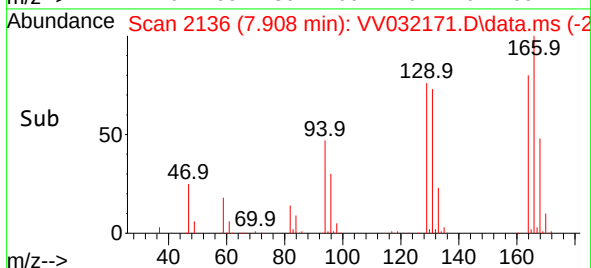
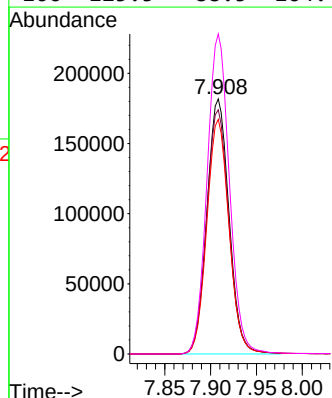
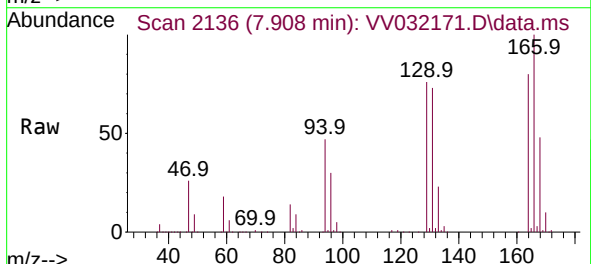
Instrument :
MSVOA_V
ClientSampleId :

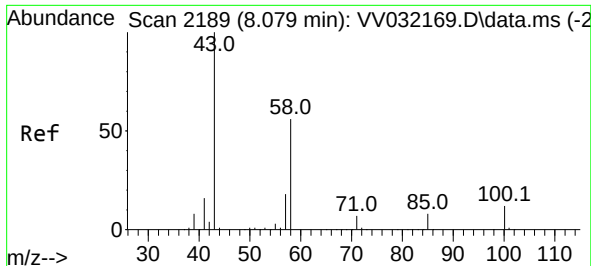
Tgt Ion:	97	Resp:	398485
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.3	80.3
83	87.7	60.8	113.0
85	57.0	38.9	72.2



#46
Tetrachloroethene
Concen: 242.195 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion:	164	Resp:	305809
Ion	Ratio	Lower	Upper
164	100		
129	95.8	67.5	125.3
131	92.0	63.8	118.4
166	125.5	88.5	164.4



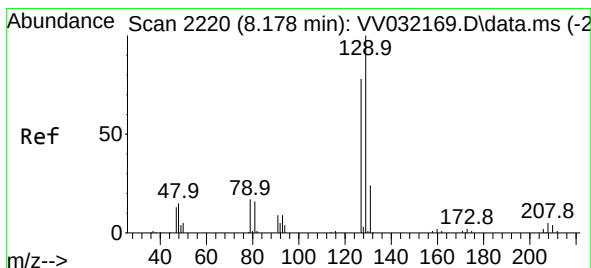
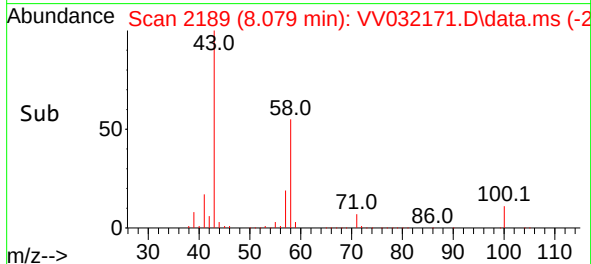
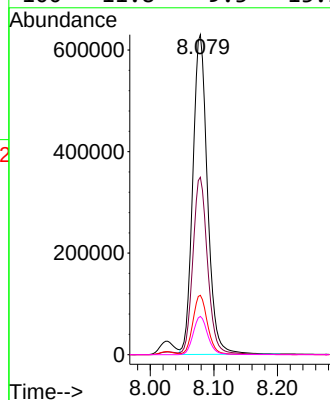
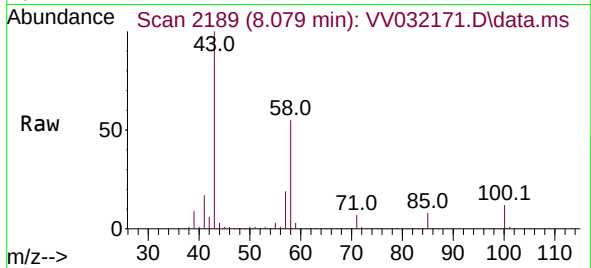


#48
2-Hexanone
Concen: 455.843 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 1010397

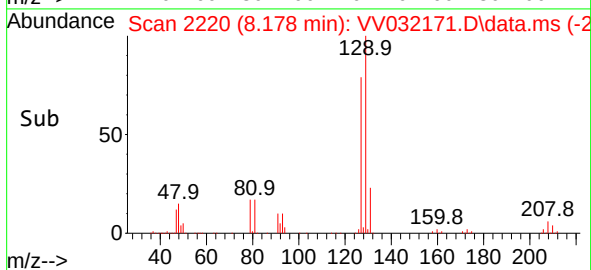
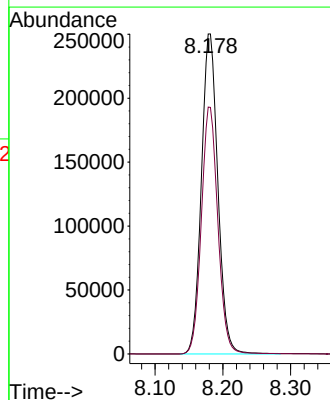
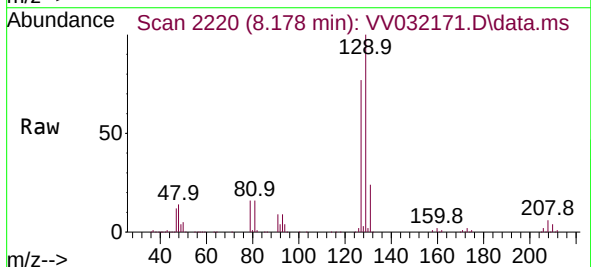
Ion	Ratio	Lower	Upper
43	100		
58	55.2	44.5	66.7
57	18.4	13.9	20.9
100	11.8	9.3	13.9

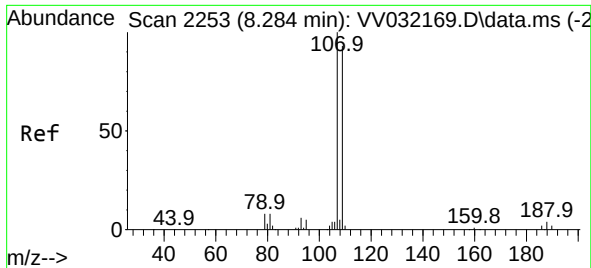


#49
Dibromochloromethane
Concen: 224.295 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 129 Resp: 422062

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.9	101.9

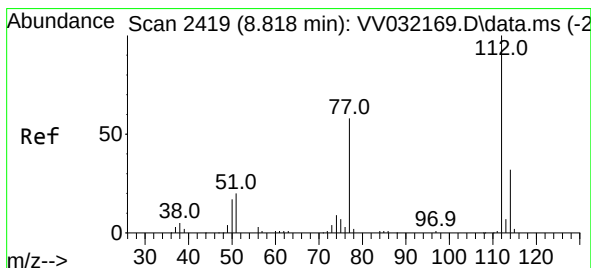
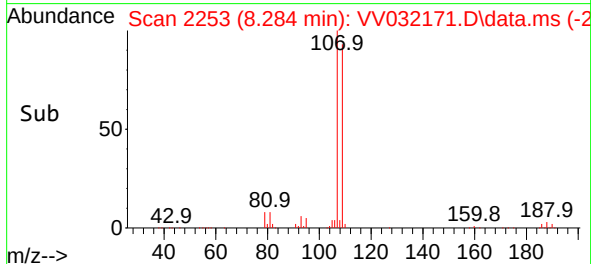
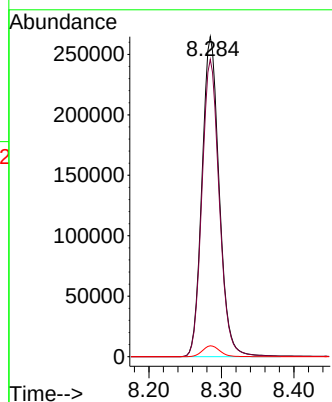
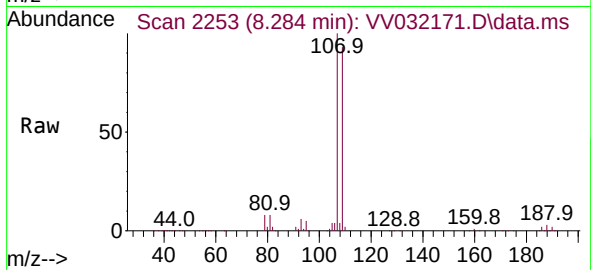




#50
1,2-Dibromoethane
Concen: 224.678 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

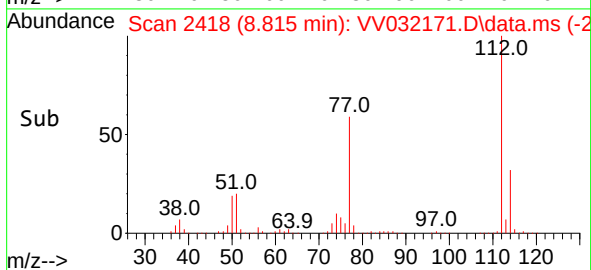
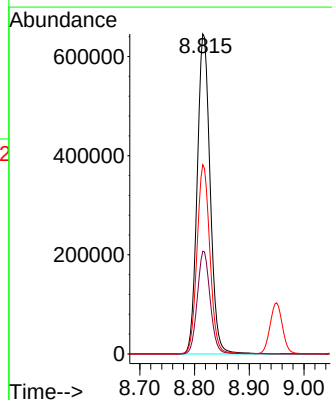
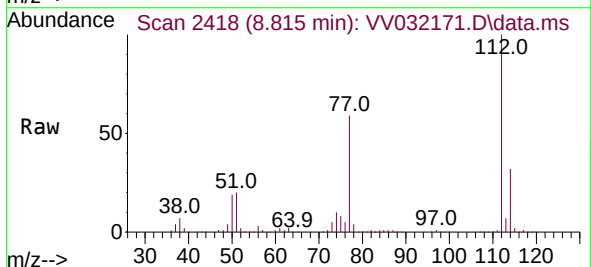
Instrument :
MSVOA_V
ClientSampleId :

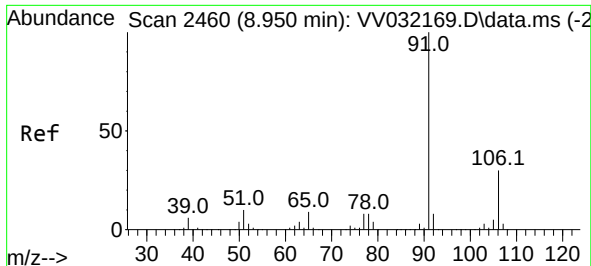
Tgt Ion:107 Resp: 437285
Ion Ratio Lower Upper
107 100
109 92.9 65.2 121.2
188 3.4 3.0 4.6



#51
Chlorobenzene
Concen: 224.278 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.003 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion:112 Resp: 1059151
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.9
77 59.1 46.7 70.1





#52

Ethylbenzene

Concen: 222.030 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

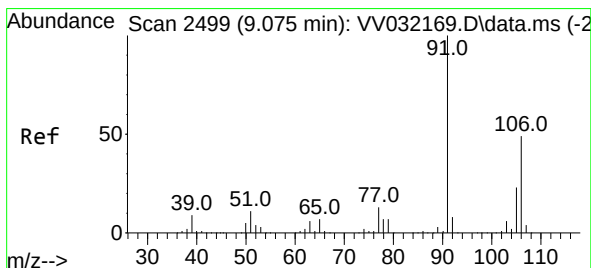
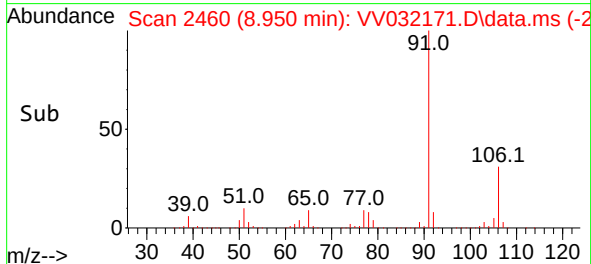
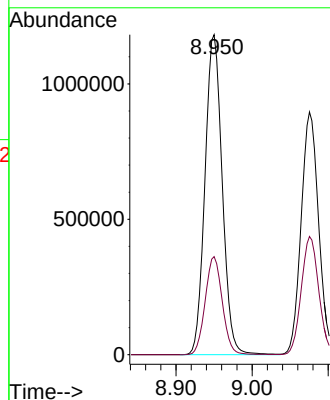
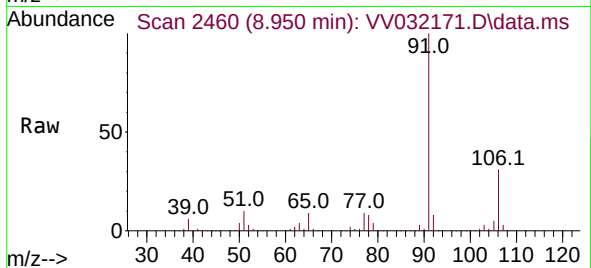
ClientSampleId :

Tgt Ion: 91 Resp: 1858722

Ion Ratio Lower Upper

91 100

106 30.6 20.9 38.7



#53

m,p-Xylene

Concen: 225.411 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032171.D

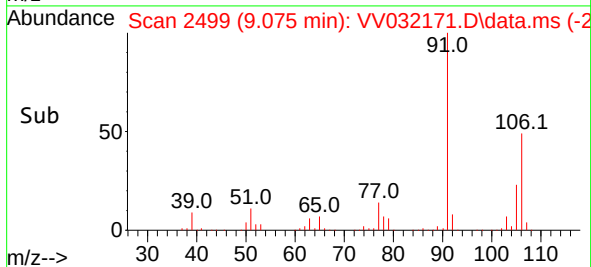
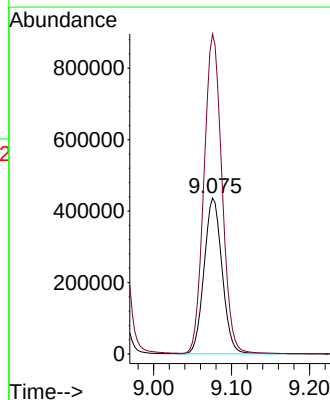
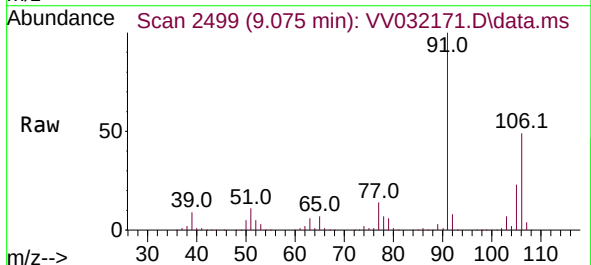
Acq: 25 Sep 2023 14:12

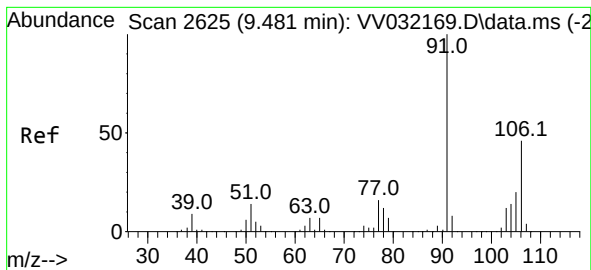
Tgt Ion:106 Resp: 699043

Ion Ratio Lower Upper

106 100

91 205.2 143.8 267.0





#54

o-Xylene

Concen: 221.980 ug/L

RT: 9.481 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

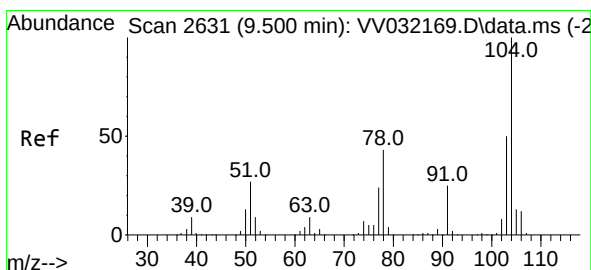
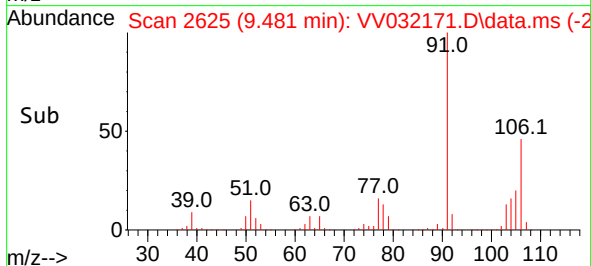
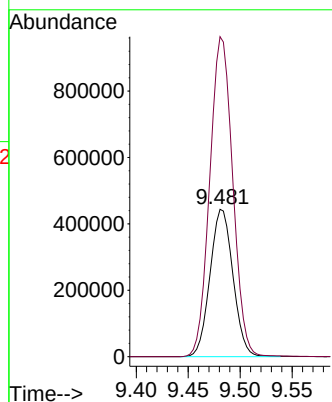
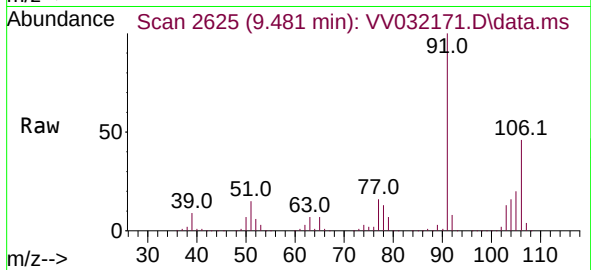
ClientSampleId :

Tgt Ion:106 Resp: 683412

Ion Ratio Lower Upper

106 100

91 217.1 153.4 284.8



#55

Styrene

Concen: 220.400 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.000 min

Lab File: VV032171.D

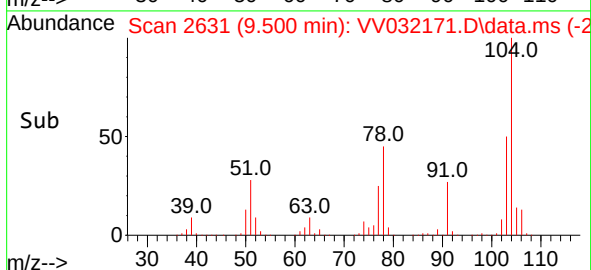
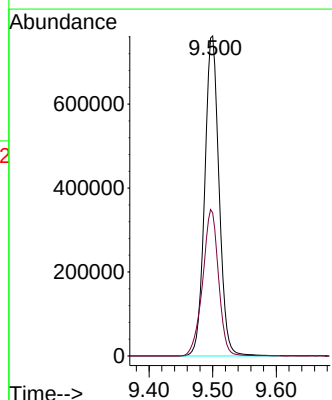
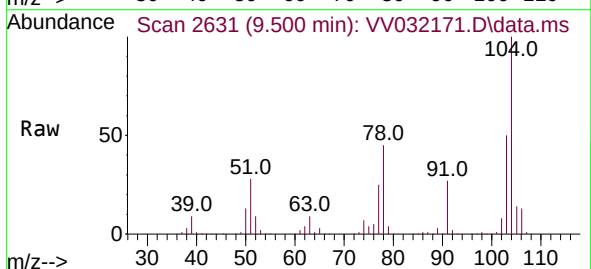
Acq: 25 Sep 2023 14:12

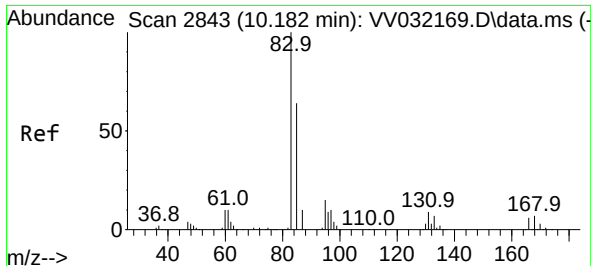
Tgt Ion:104 Resp: 1194080

Ion Ratio Lower Upper

104 100

78 44.7 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 240.364 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :

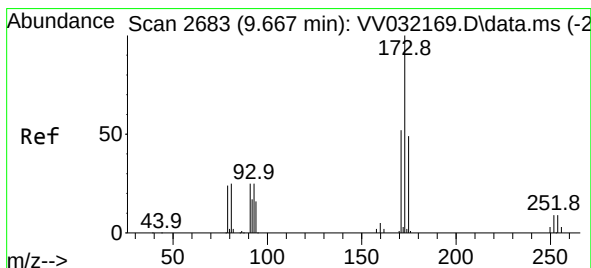
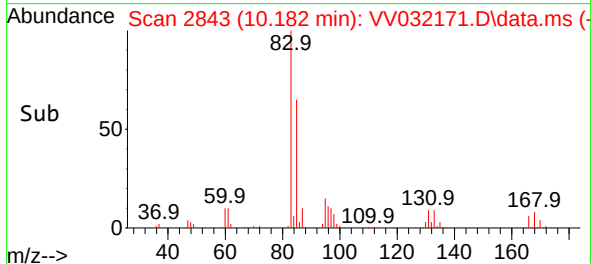
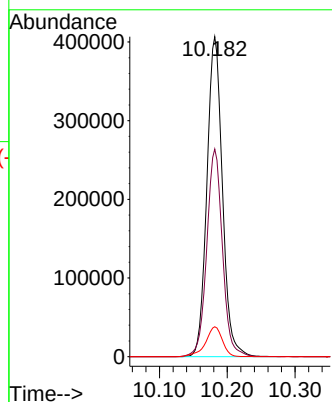
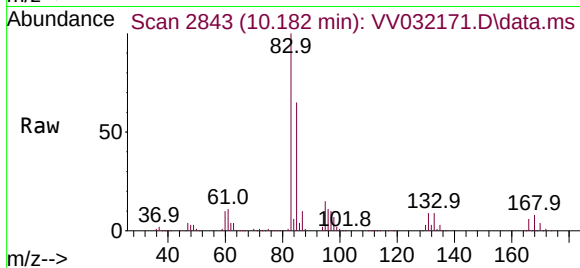
Tgt Ion: 83 Resp: 646422

Ion Ratio Lower Upper

83 100

85 64.9 44.7 82.9

131 9.4 7.4 11.0



#59

Bromoform

Concen: 234.930 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

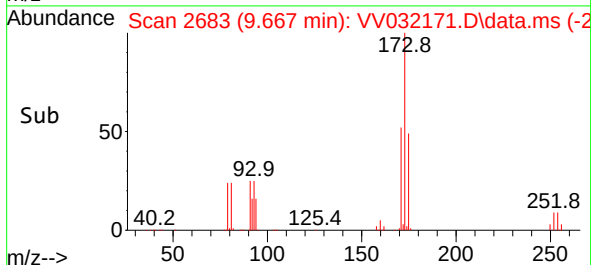
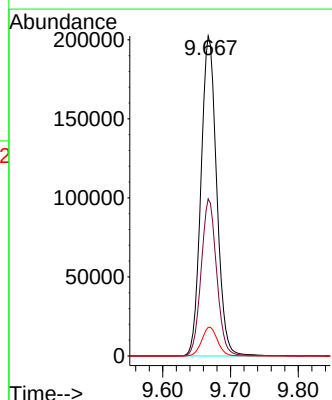
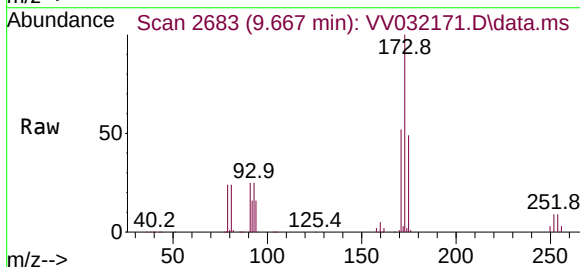
Tgt Ion: 173 Resp: 325262

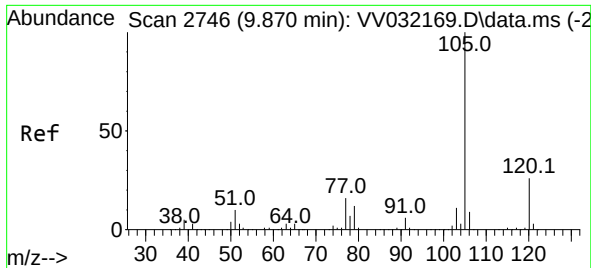
Ion Ratio Lower Upper

173 100

175 48.6 39.5 59.3

254 9.0 7.0 10.4

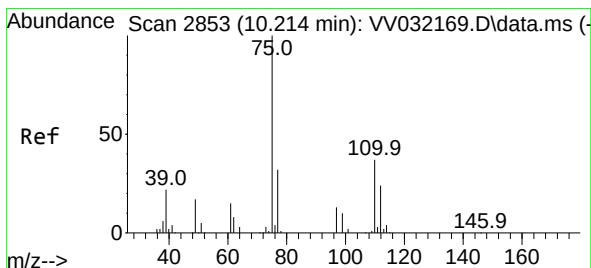
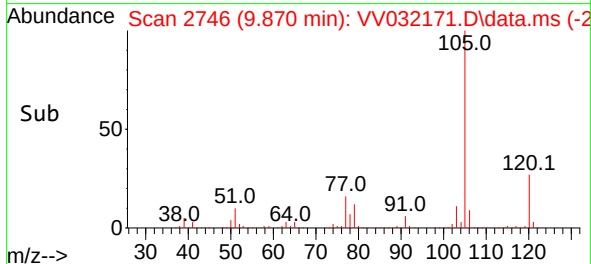
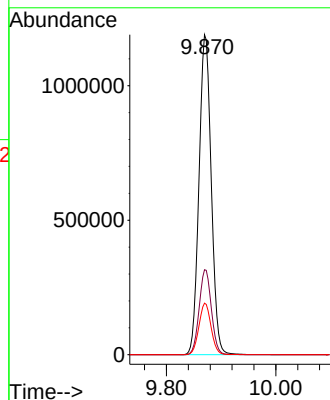
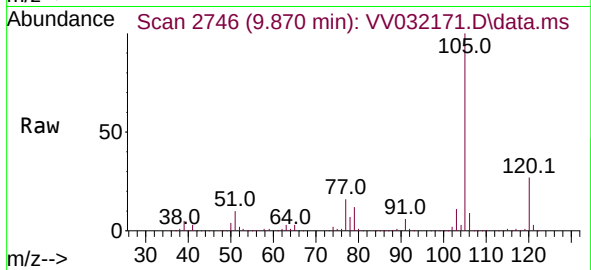




#60
Isopropylbenzene
Concen: 208.301 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

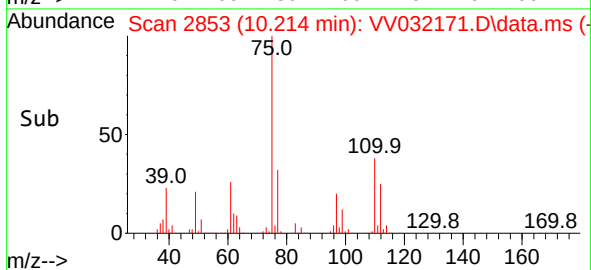
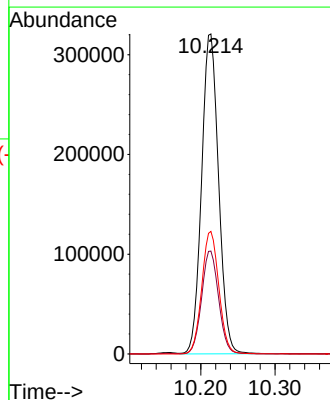
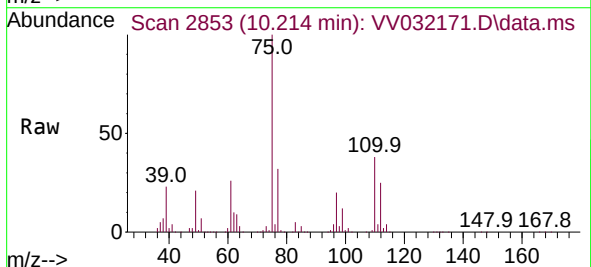
Instrument :
MSVOA_V
ClientSampleId :

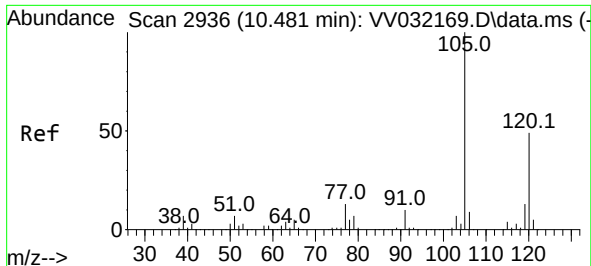
Tgt Ion:105 Resp: 1842813
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 16.0 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 202.890 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 75 Resp: 509574
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 38.4 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 210.119 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

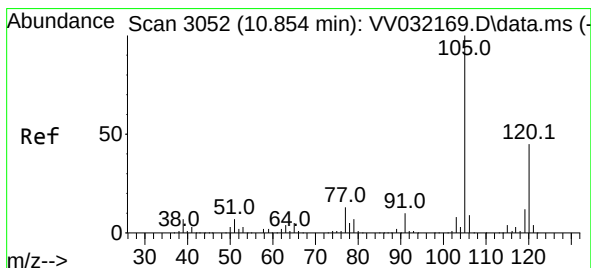
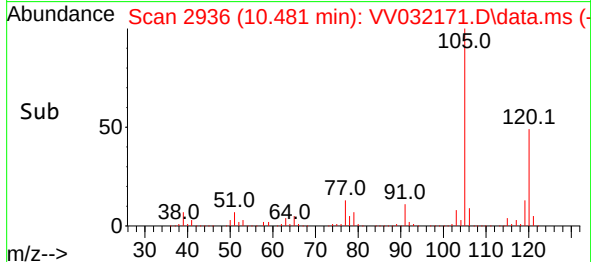
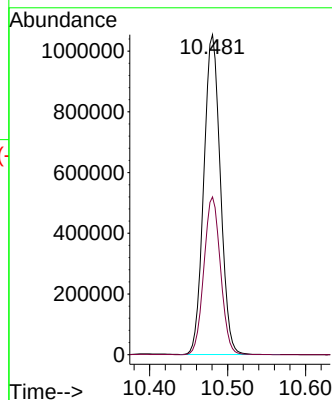
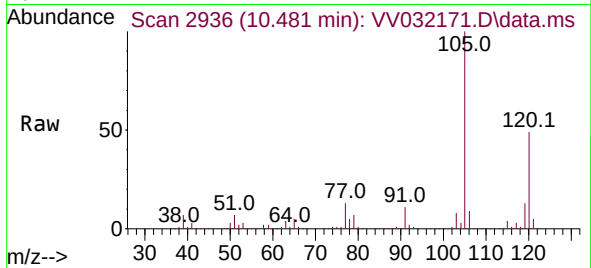
ClientSampleId :

Tgt Ion:105 Resp: 1559134

Ion Ratio Lower Upper

105 100

120 49.4 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 206.263 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032171.D

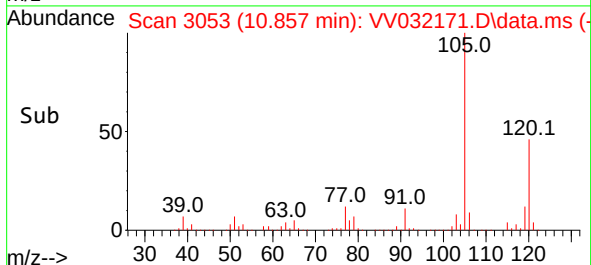
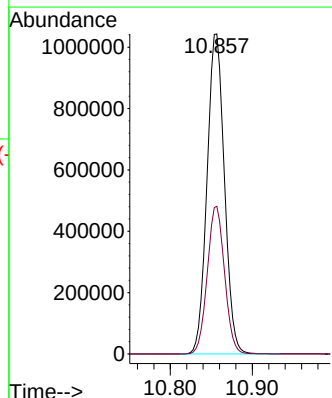
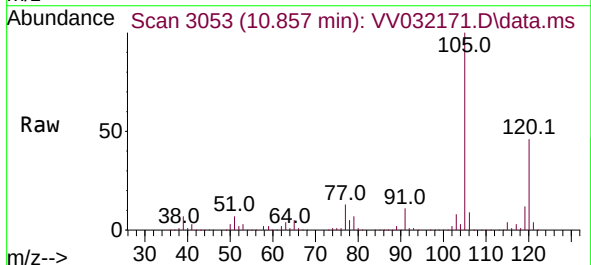
Acq: 25 Sep 2023 14:12

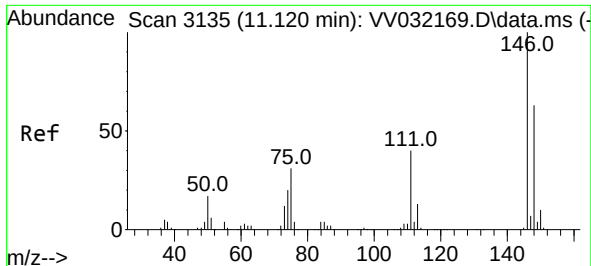
Tgt Ion:105 Resp: 1533487

Ion Ratio Lower Upper

105 100

120 45.9 36.5 54.7

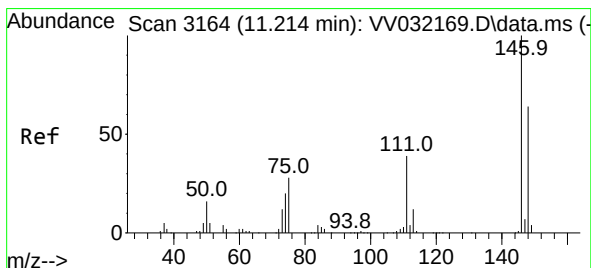
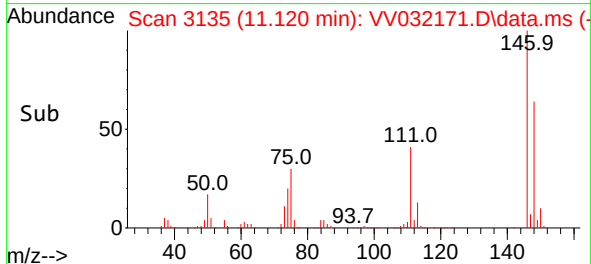
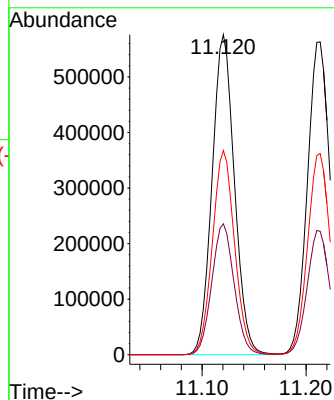
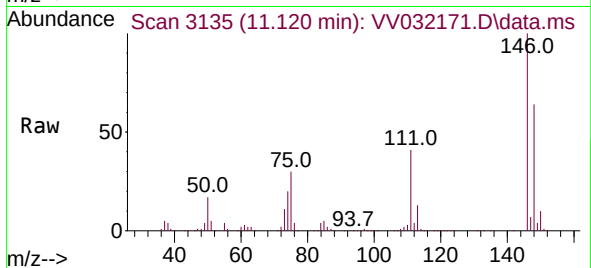




#64
1,3-Dichlorobenzene
Concen: 216.140 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

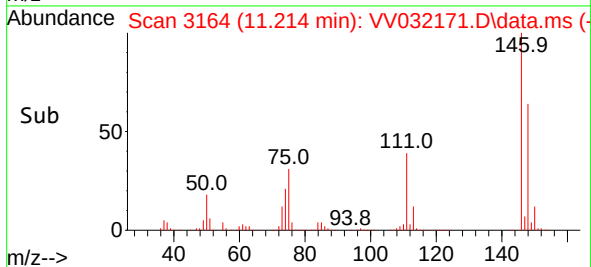
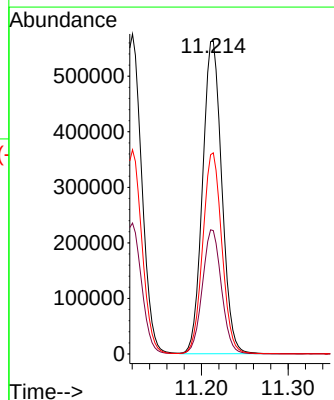
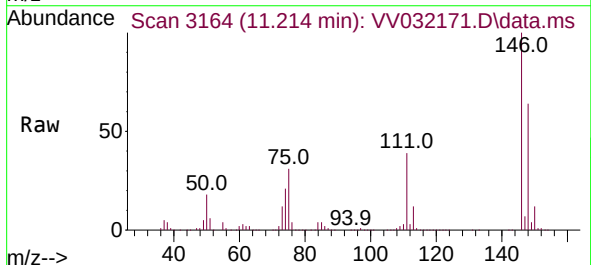
Instrument :
MSVOA_V
ClientSampleId :

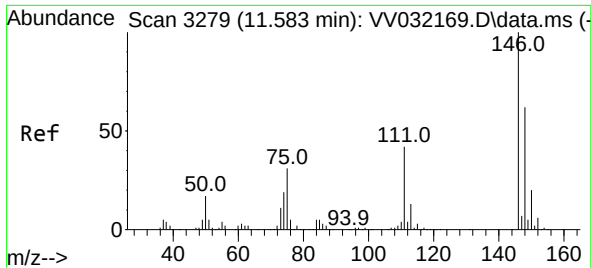
Tgt Ion:146 Resp: 862770
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.5
148 63.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 214.092 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032171.D
Acq: 25 Sep 2023 14:12

Tgt Ion:146 Resp: 867631
Ion Ratio Lower Upper
146 100
111 39.4 27.5 51.1
148 64.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 215.879 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :

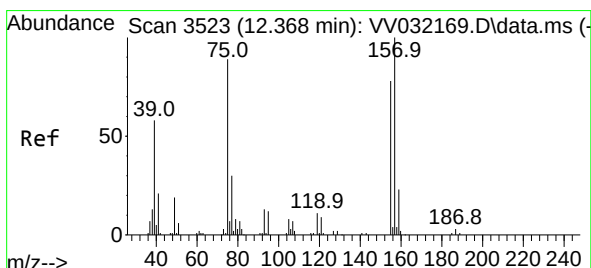
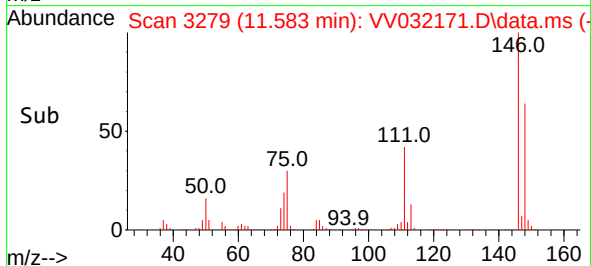
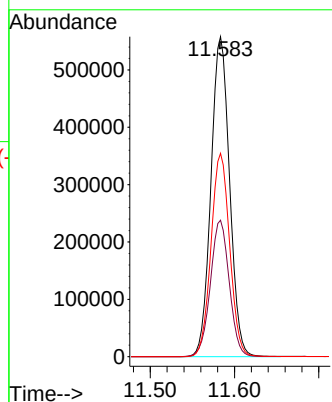
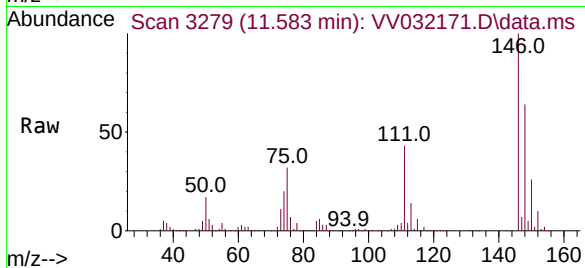
Tgt Ion:146 Resp: 856088

Ion Ratio Lower Upper

146 100

111 42.7 33.6 50.4

148 63.6 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 216.062 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

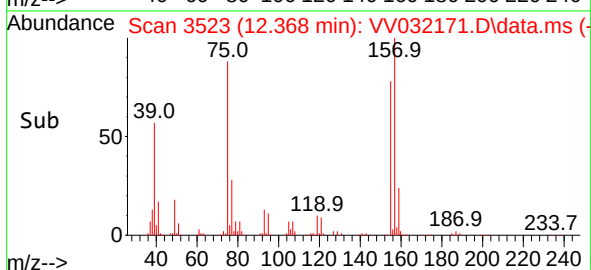
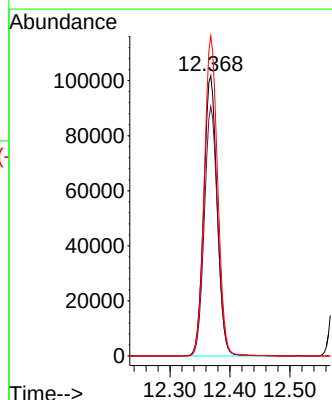
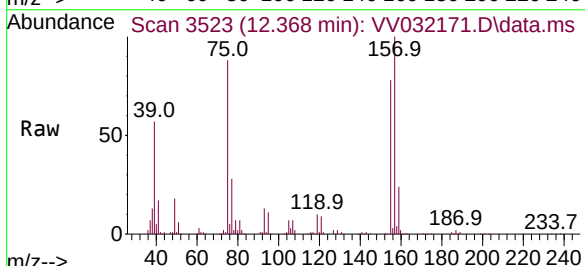
Tgt Ion: 75 Resp: 158982

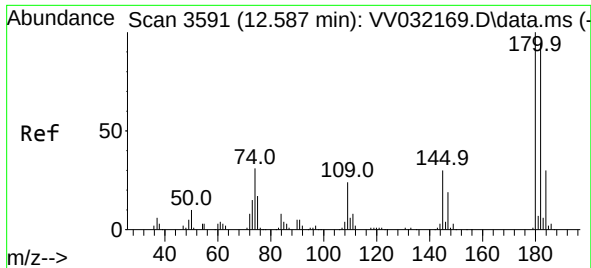
Ion Ratio Lower Upper

75 100

155 89.0 70.0 105.0

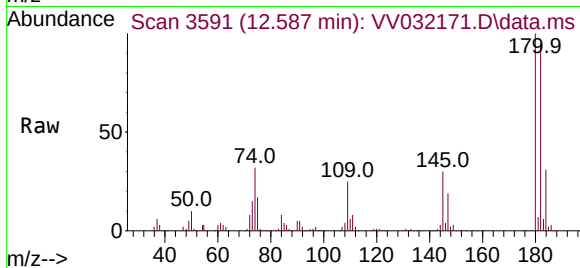
157 114.2 90.4 135.6



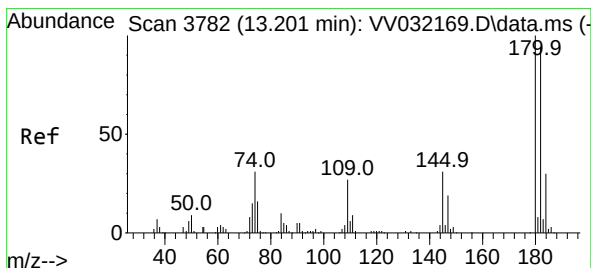
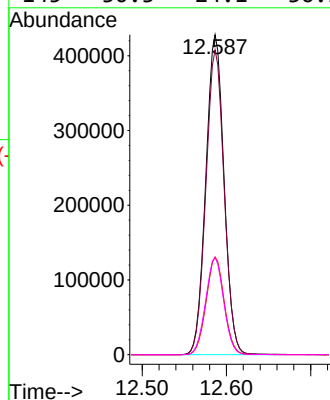
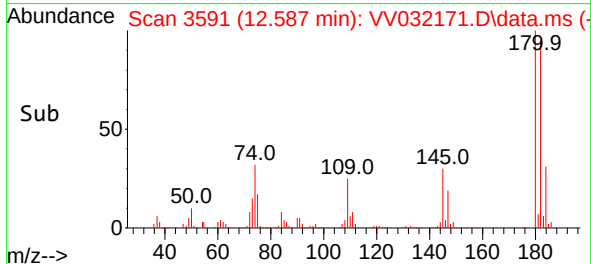


#69
 1,3,5-Trichlorobenzene
 Concen: 222.992 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032171.D
 Acq: 25 Sep 2023 14:12

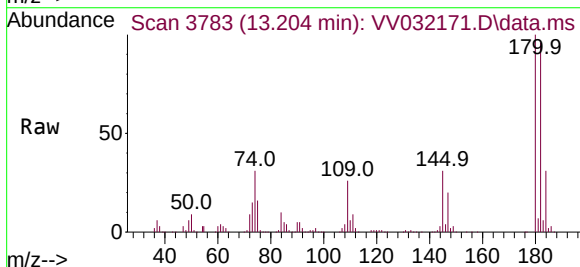
Instrument :
 MSVOA_V
 ClientSampleId :



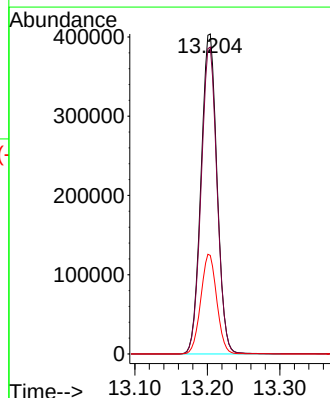
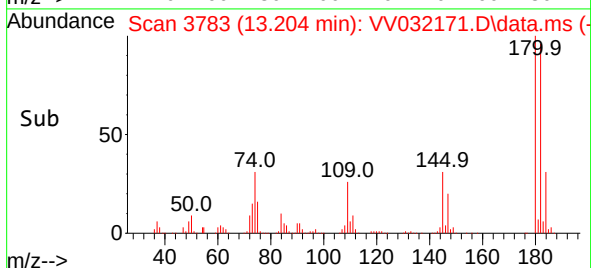
Tgt Ion:180 Resp: 644765
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.6 113.4
 184 30.2 23.9 35.9
 145 30.3 24.1 36.1

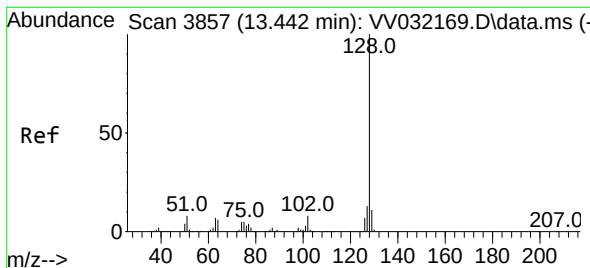


#70
 1,2,4-trichlorobenzene
 Concen: 224.485 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.003 min
 Lab File: VV032171.D
 Acq: 25 Sep 2023 14:12



Tgt Ion:180 Resp: 620914
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.3 112.9
 145 31.0 24.4 36.6





#71

Naphthalene

Concen: 225.085 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :

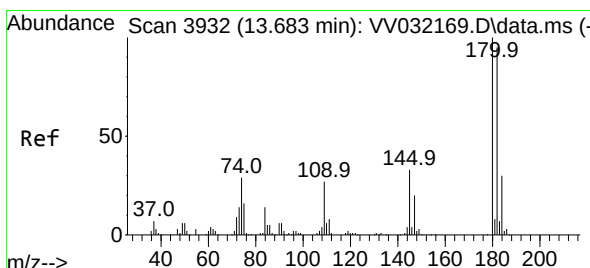
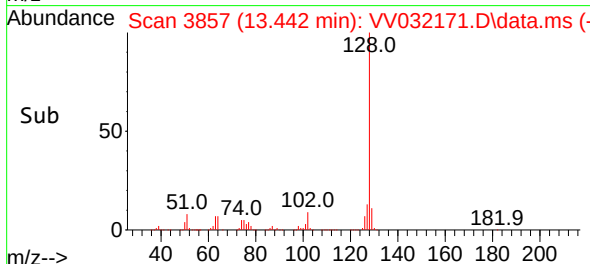
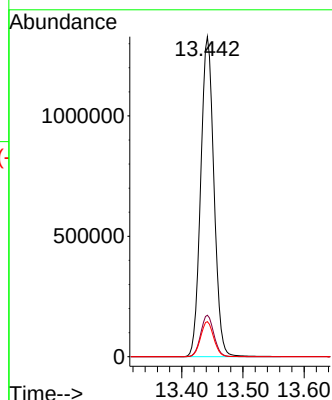
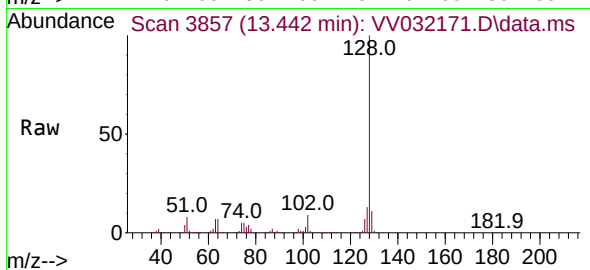
Tgt Ion:128 Resp: 1997372

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 222.624 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032171.D

Acq: 25 Sep 2023 14:12

Tgt Ion:180 Resp: 596145

Ion Ratio Lower Upper

180 100

182 95.3 75.2 112.8

145 32.9 25.8 38.8

