

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092923\
 Data File : VV032185.D
 Acq On : 29 Sep 2023 11:11
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 04:09:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:07:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	109923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	99373	14.068	ug/L	0.00
7) Chloroethane-d5	1.532	69	81389	11.881	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	41499	11.089	ug/L	0.00
20) 2-Butanone-d5	3.815	46	267564	120.044	ug/L	0.00
24) Chloroform-d	4.252	84	176429	9.644	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	84662	9.519	ug/L	0.00
32) Benzene-d6	4.963	84	359084	12.155	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	112028	10.906	ug/L	0.00
41) Toluene-d8	7.246	98	329234	12.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	45396	13.947	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	210811	136.536	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	83137	11.979	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	116894	11.476	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	126439	12.229	ug/L	98
3) Chloromethane	1.217	50	126659	12.510	ug/L	99
5) Vinyl chloride	1.281	62	121264	12.274	ug/L	99
6) Bromomethane	1.487	94	73059	11.477	ug/L	97
8) Chloroethane	1.552	64	72718	11.987	ug/L	98
9) Trichlorofluoromethane	1.715	101	145879	9.972	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87262	10.460	ug/L	98
12) 1,1-Dichloroethene	2.069	96	82238	11.097	ug/L	99
13) Acetone	2.156	43	191393	139.224	ug/L	95
14) Carbon disulfide	2.240	76	291454	13.564	ug/L	99
15) Methyl Acetate	2.391	43	42405	12.043	ug/L	99
16) Methylene chloride	2.449	84	98309	9.938	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	232915	14.248	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	92716	12.804	ug/L	98
19) 1,1-Dichloroethane	3.114	63	179627	12.066	ug/L	98
21) 2-Butanone	3.895	43	285033	147.752	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	102979	13.734	ug/L	97
23) Bromochloromethane	4.149	128	44006	12.163	ug/L	97
25) Chloroform	4.281	83	173810	11.201	ug/L	99
27) 1,2-Dichloroethane	5.047	62	104146	11.357	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	147454	11.758	ug/L	99
30) Cyclohexane	4.584	56	163465	16.492	ug/L	99
31) Carbon tetrachloride	4.738	117	127682	11.789	ug/L	98
33) Benzene	5.011	78	387599	14.116	ug/L	100
34) Trichloroethene	5.834	95	106611	13.699	ug/L	98
35) Methylcyclohexane	6.053	83	160637	16.735	ug/L	100
37) 1,2-Dichloropropane	6.098	63	103728	13.573	ug/L	100
38) Bromodichloromethane	6.436	83	126135	12.656	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	158944	16.560	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	675810	158.904	ug/L	99
42) Toluene	7.317	91	416752	15.147	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	127278	15.324	ug/L	99

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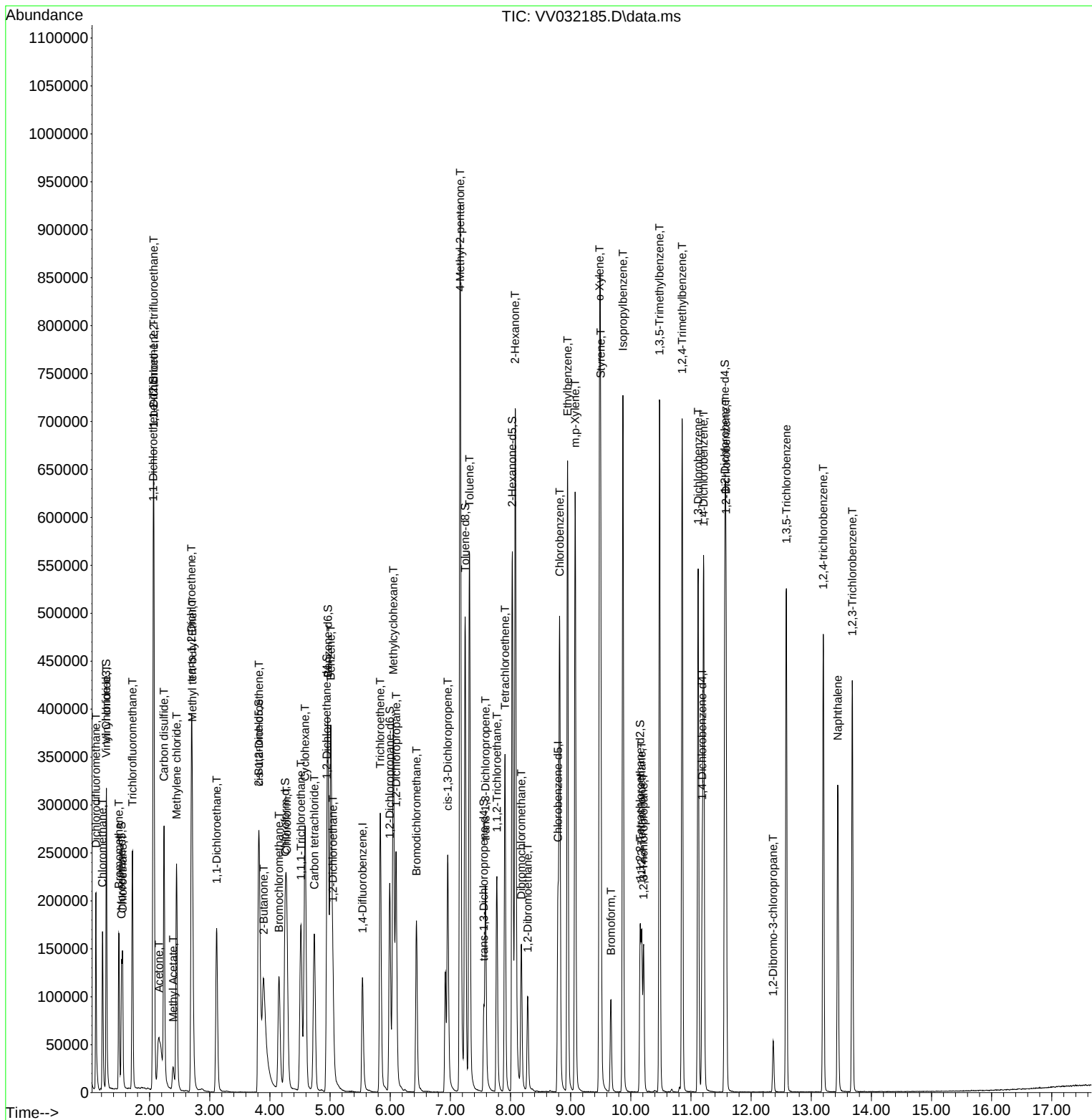
Quant Time: Sep 30 04:09:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:07:23 2023
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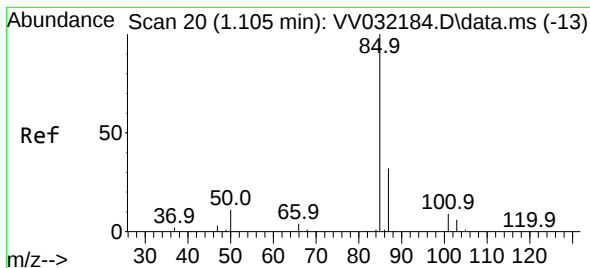
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	71390	12.465	ug/L	99
47) Tetrachloroethene	7.908	164	78125	13.753	ug/L	98
48) 2-Hexanone	8.079	43	492853	151.885	ug/L	99
49) Dibromochloromethane	8.181	129	79212	12.530	ug/L	96
50) 1,2-Dibromoethane	8.288	107	69274	13.155	ug/L	98
51) Chlorobenzene	8.818	112	262438	13.997	ug/L	99
52) Ethylbenzene	8.950	91	460565	16.037	ug/L	100
53) m,p-Xylene	9.075	106	171489	16.366	ug/L	100
54) o-Xylene	9.480	106	167275	16.793	ug/L	99
55) Styrene	9.500	104	291686	16.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	81603	13.836	ug/L	97
59) Bromoform	9.670	173	43365	12.365	ug/L	100
60) Isopropylbenzene	9.870	105	453448	16.631	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	61343	12.296	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	373496	16.737	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	377695	16.883	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	213053	14.419	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	212506	14.249	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	193593	13.888	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	13102	13.659	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	156305	14.632	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	139313	15.128	ug/L	100
71) Naphthalene	13.442	128	243056	17.418	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	123045	15.031	ug/L	98

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

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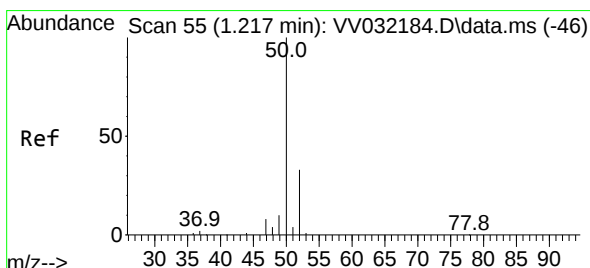
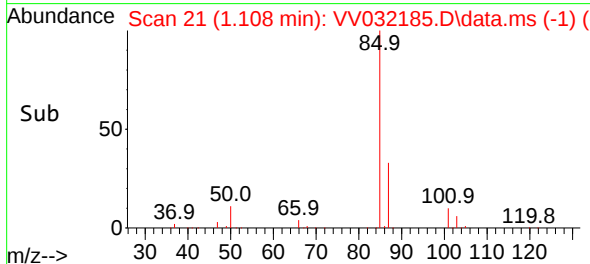
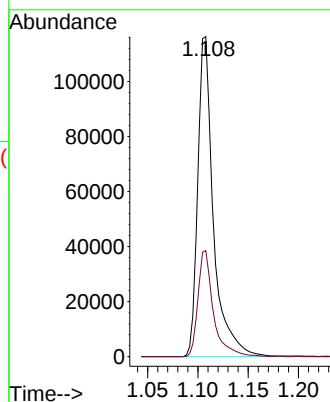
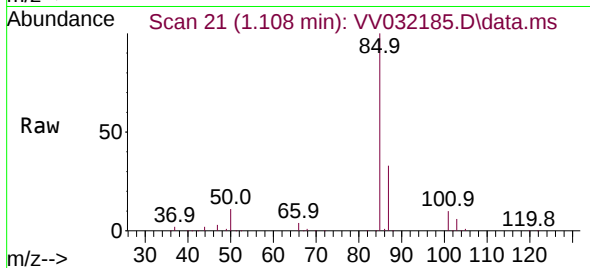




#2
 Dichlorodifluoromethane
 Concen: 12.229 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032185.D
 Acq: 29 Sep 2023 11:11

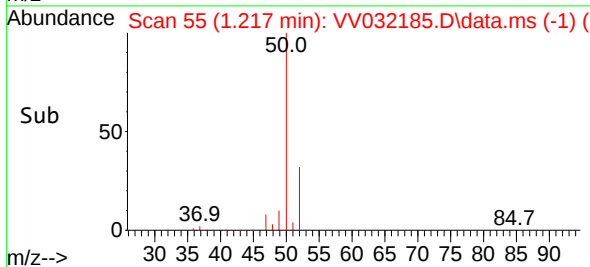
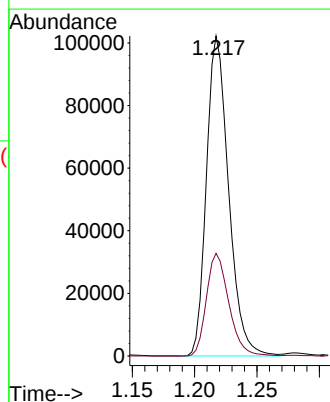
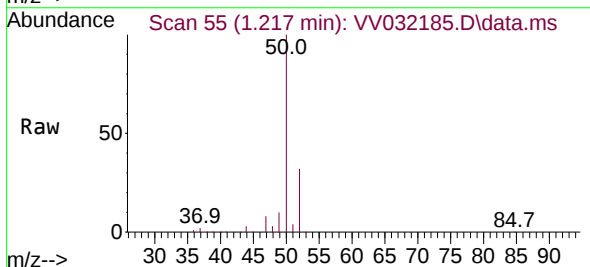
Instrument :
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 ClientSampleId :

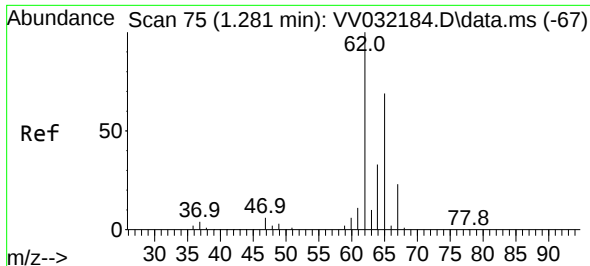
Tgt Ion: 85 Resp: 126439
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.5 38.3



#3
 Chloromethane
 Concen: 12.510 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032185.D
 Acq: 29 Sep 2023 11:11

Tgt Ion: 50 Resp: 126659
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.6

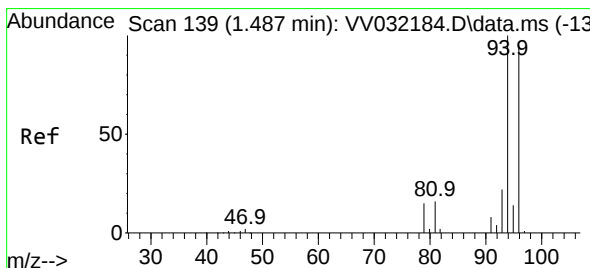
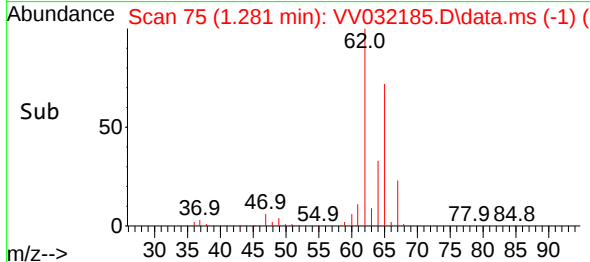
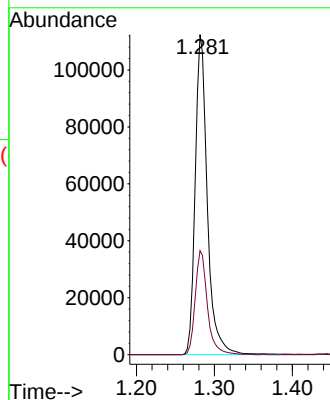
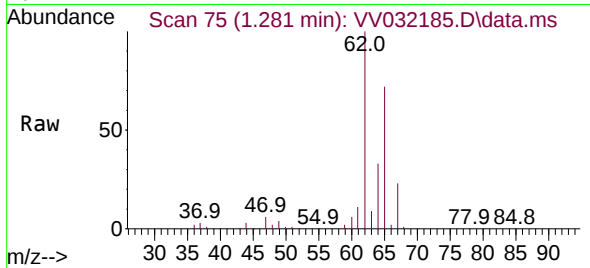




#5
 Vinyl chloride
 Concen: 12.274 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV032185.D
 Acq: 29 Sep 2023 11:11

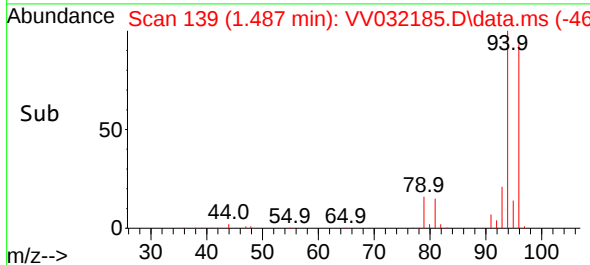
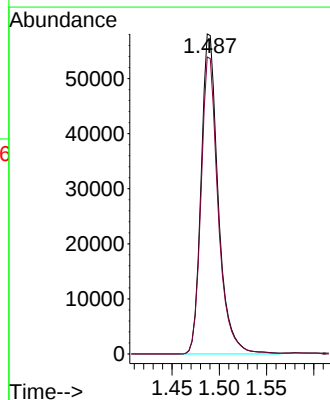
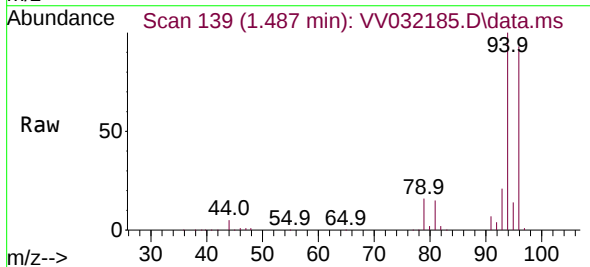
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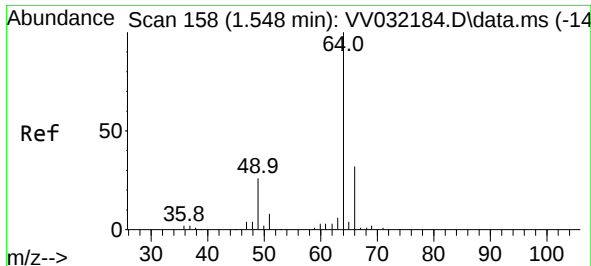
Tgt Ion: 62 Resp: 121264
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 11.477 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032185.D
 Acq: 29 Sep 2023 11:11

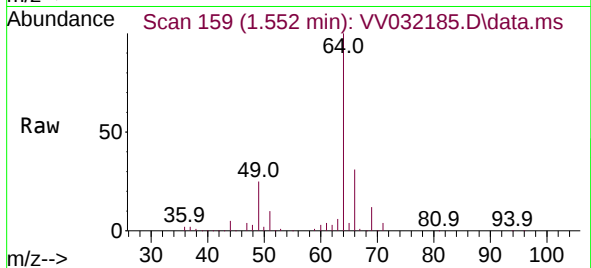
Tgt Ion: 94 Resp: 73059
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.8 124.2



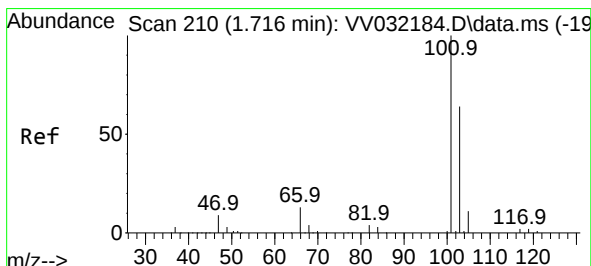
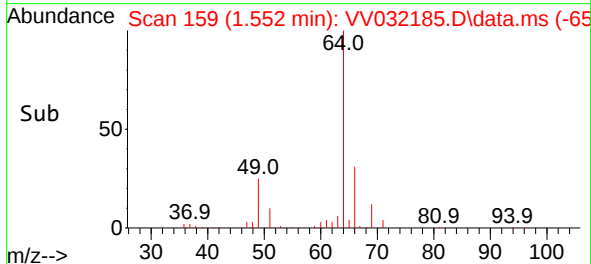
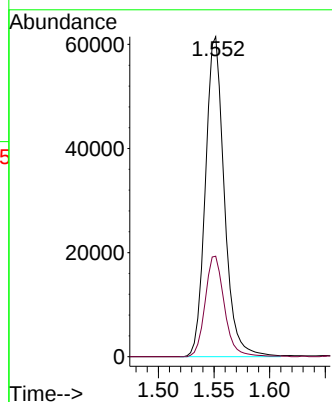


#8
Chloroethane
Concen: 11.987 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Instrument :
MSVOA_V
ClientSampleId :

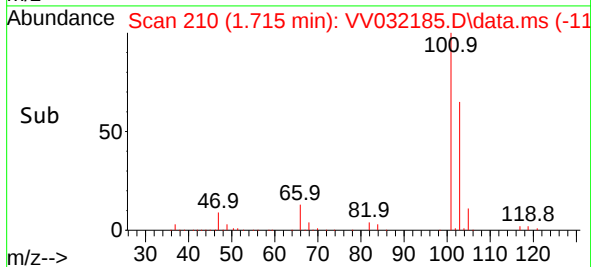
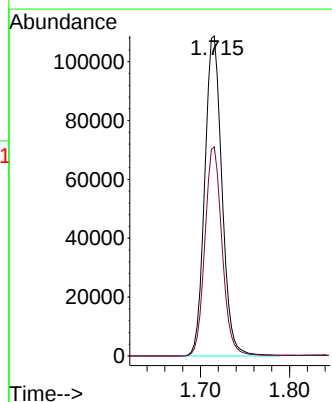
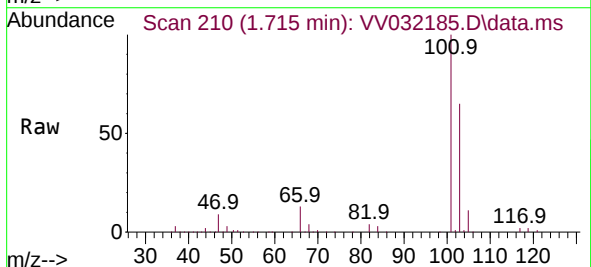


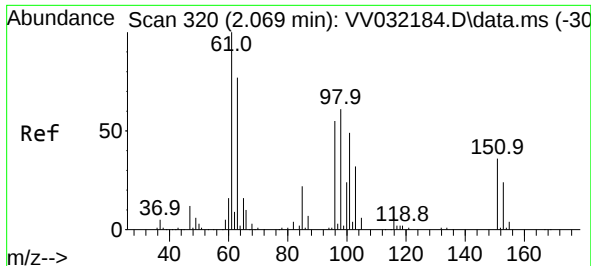
Tgt Ion: 64 Resp: 72718
Ion Ratio Lower Upper
64 100
66 31.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 9.972 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion:101 Resp: 145879
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

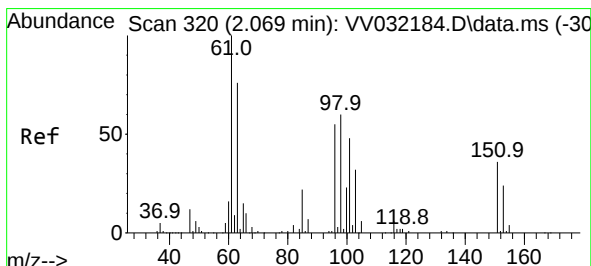
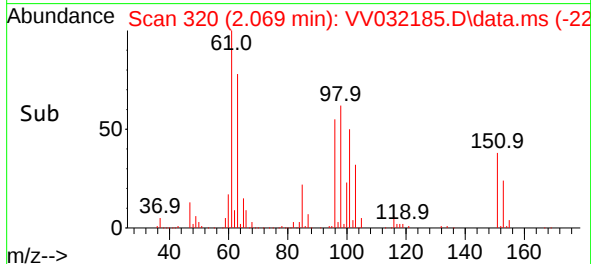
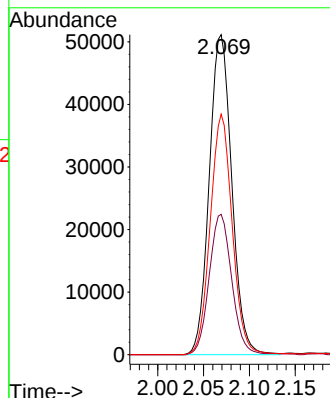
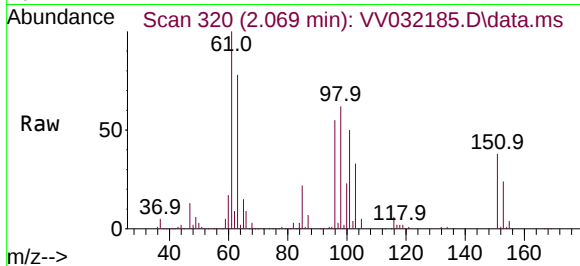




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.460 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032185.D
 Acq: 29 Sep 2023 11:11

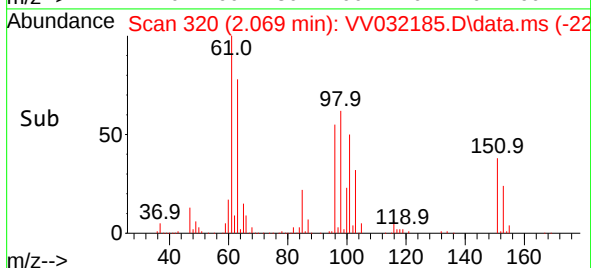
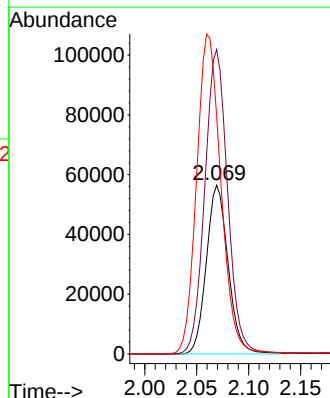
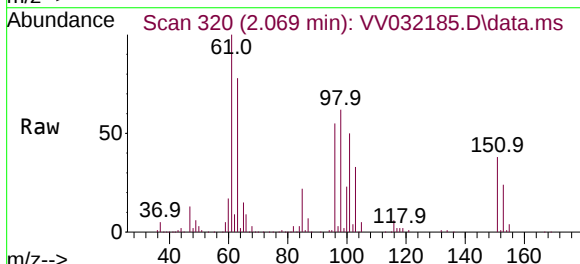
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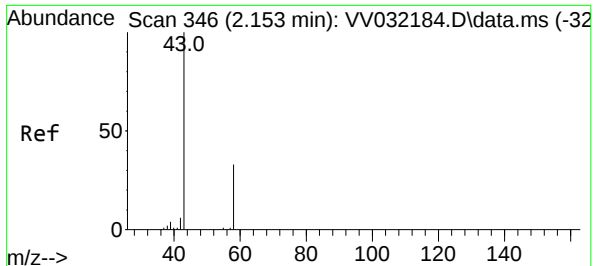
Tgt Ion:101 Resp: 87262
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.0 52.6
 151 73.4 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 11.097 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032185.D
 Acq: 29 Sep 2023 11:11

Tgt Ion: 96 Resp: 82238
 Ion Ratio Lower Upper
 96 100
 61 180.3 127.3 236.3
 63 140.7 98.3 182.7





#13

Acetone

Concen: 139.224 ug/L

RT: 2.156 min Scan# 346

Delta R.T. 0.003 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

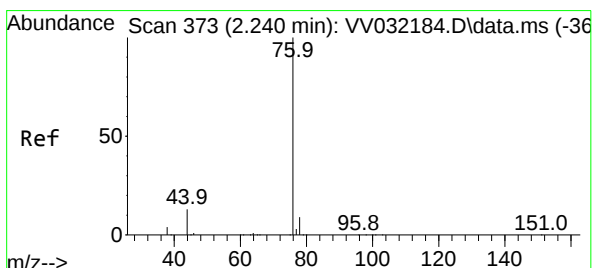
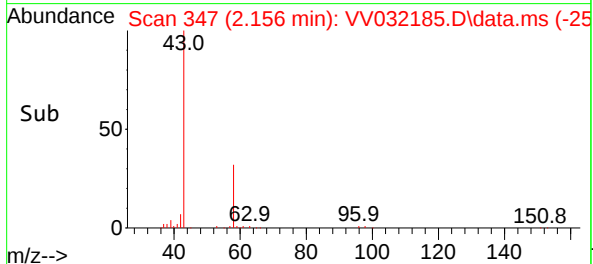
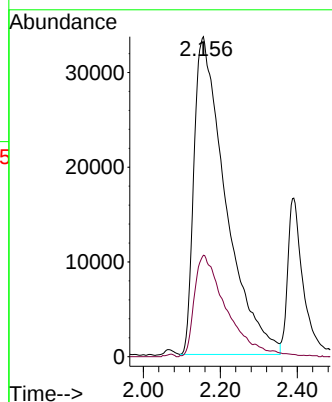
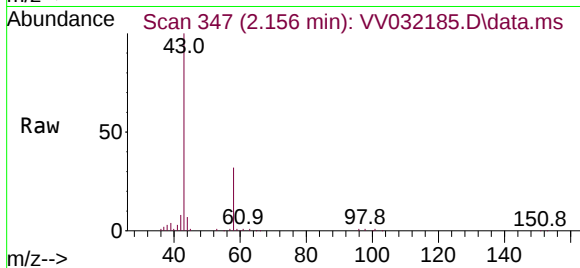
ClientSampleId :

Tgt Ion: 43 Resp: 191393

Ion Ratio Lower Upper

43 100

58 30.3 0.0 66.0



#14

Carbon disulfide

Concen: 13.564 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032185.D

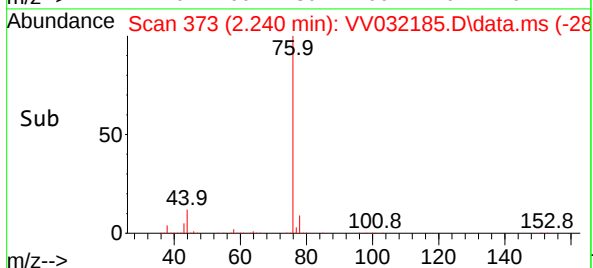
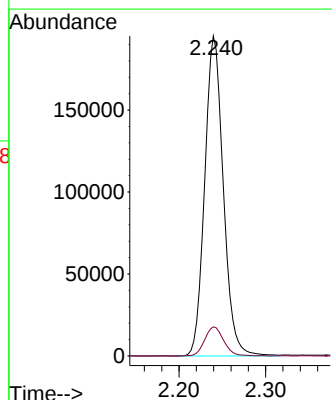
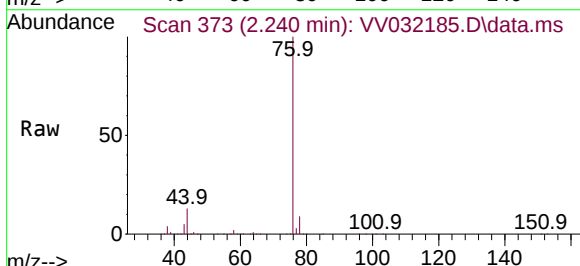
Acq: 29 Sep 2023 11:11

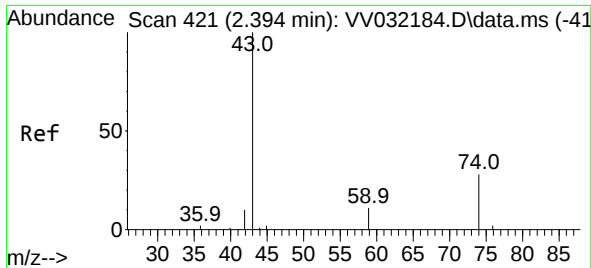
Tgt Ion: 76 Resp: 291454

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

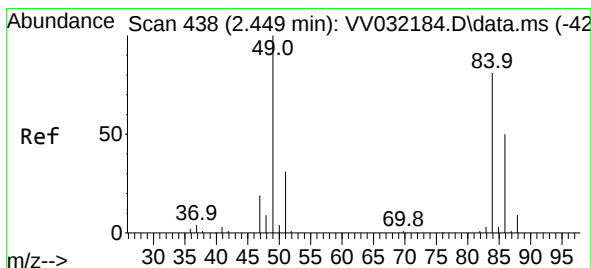
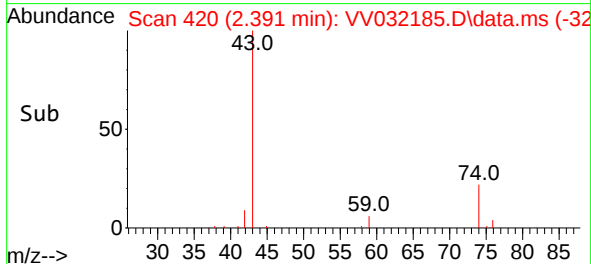
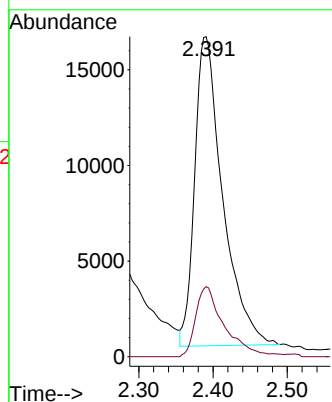
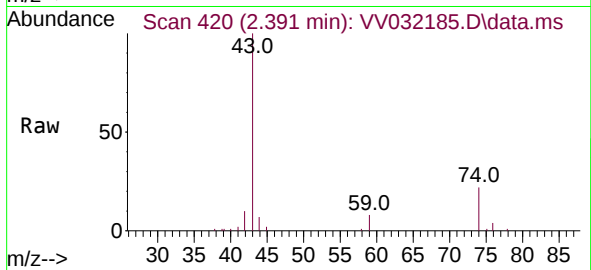




#15
Methyl Acetate
Concen: 12.043 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

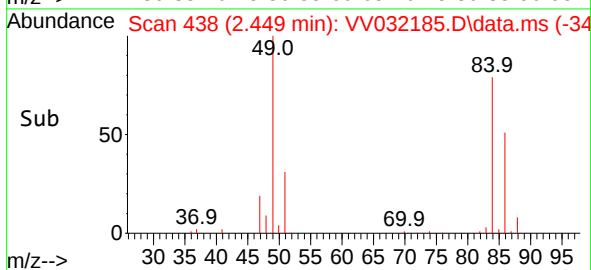
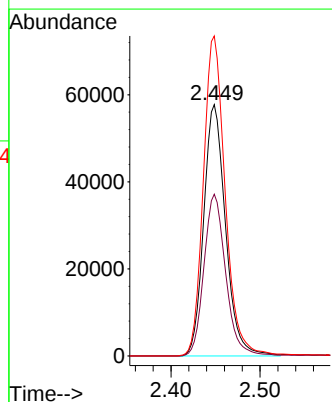
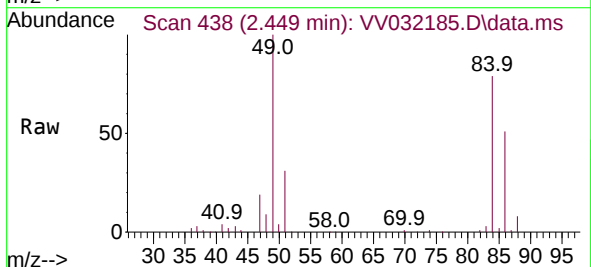
Instrument :
MSVOA_V
ClientSampleId :

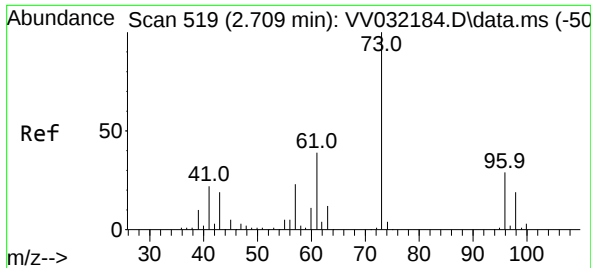
Tgt Ion: 43 Resp: 42405
Ion Ratio Lower Upper
43 100
74 22.9 18.0 27.0



#16
Methylene chloride
Concen: 9.938 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

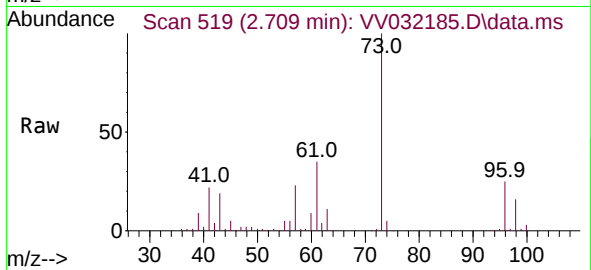
Tgt Ion: 84 Resp: 98309
Ion Ratio Lower Upper
84 100
86 64.3 43.2 80.2
49 127.3 86.3 160.3



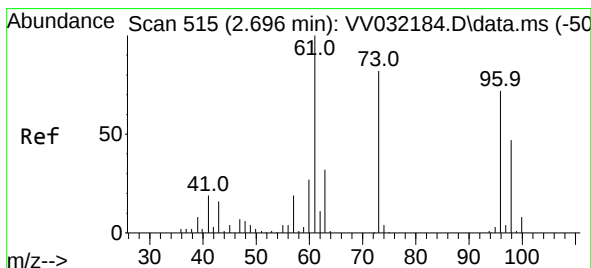
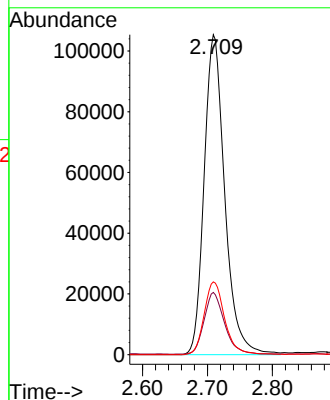
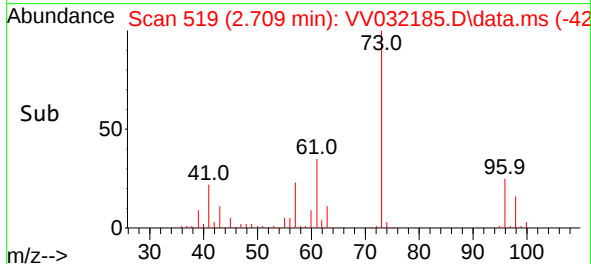


#17
Methyl tert-butyl Ether
Concen: 14.248 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

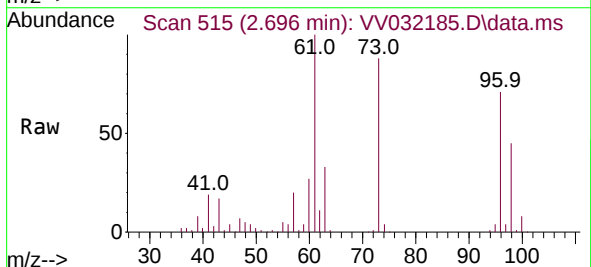
Instrument :
MSVOA_V
ClientSampleId :



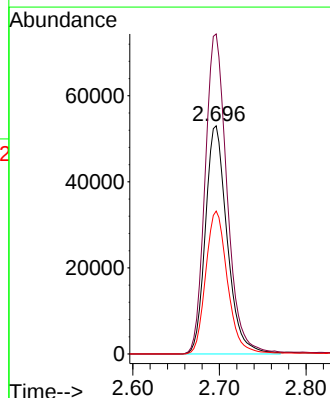
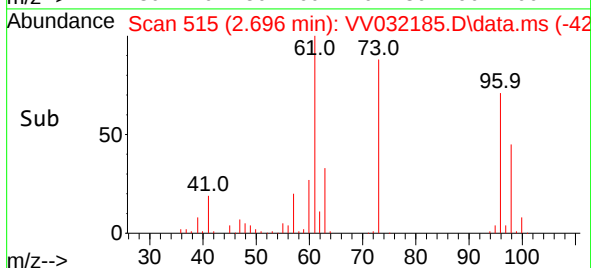
Tgt Ion: 73 Resp: 232915
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 22.6 18.3 27.5

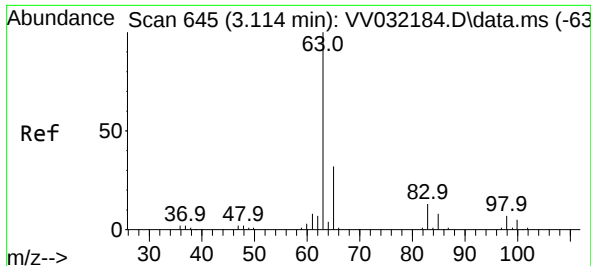


#18
trans-1,2-Dichloroethene
Concen: 12.804 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11



Tgt Ion: 96 Resp: 92716
Ion Ratio Lower Upper
96 100
61 140.3 96.9 180.1
98 62.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 12.066 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

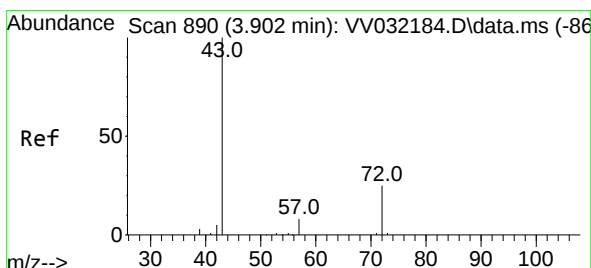
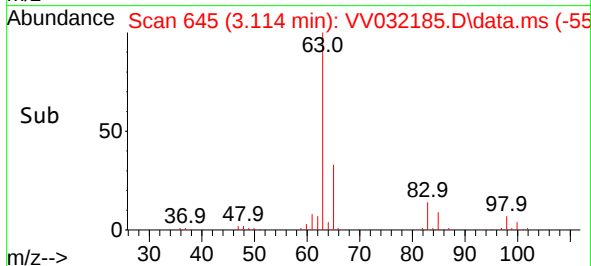
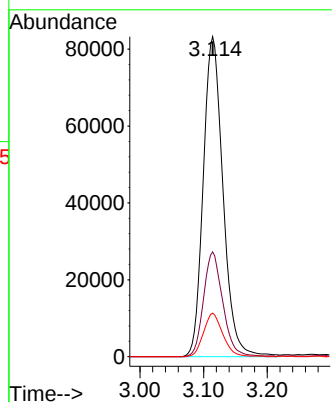
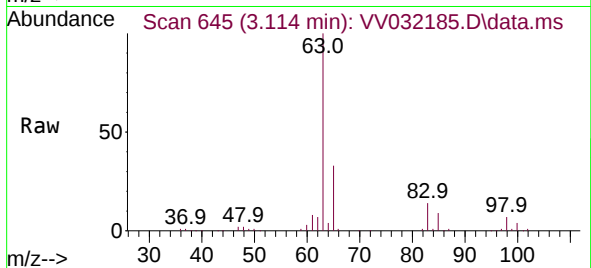
Tgt Ion: 63 Resp: 179627

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 13.6 9.0 16.6



#21

2-Butanone

Concen: 147.752 ug/L

RT: 3.895 min Scan# 888

Delta R.T. -0.006 min

Lab File: VV032185.D

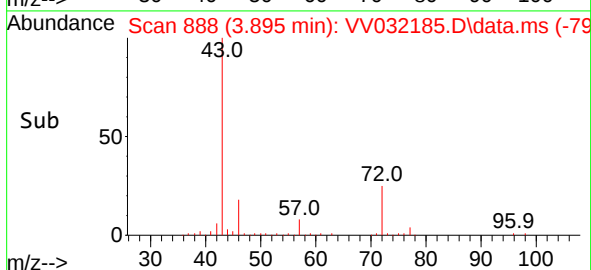
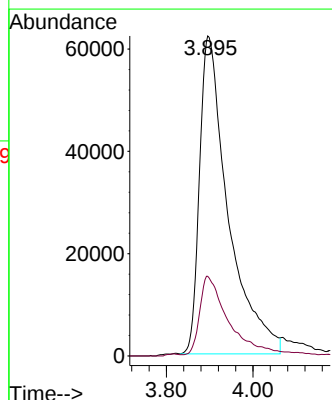
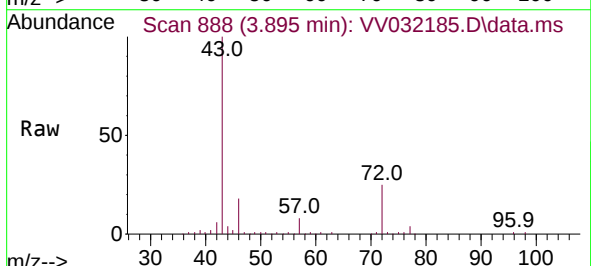
Acq: 29 Sep 2023 11:11

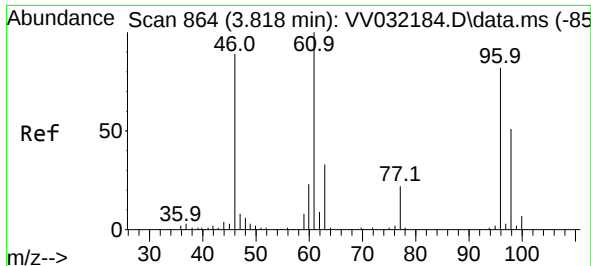
Tgt Ion: 43 Resp: 285033

Ion Ratio Lower Upper

43 100

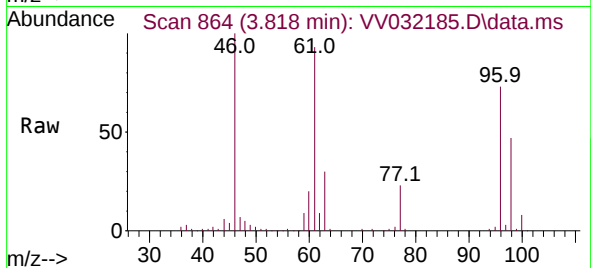
72 25.0 11.6 34.8





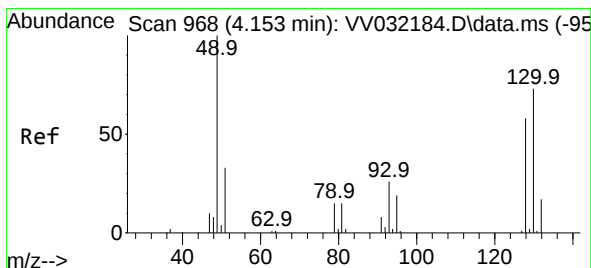
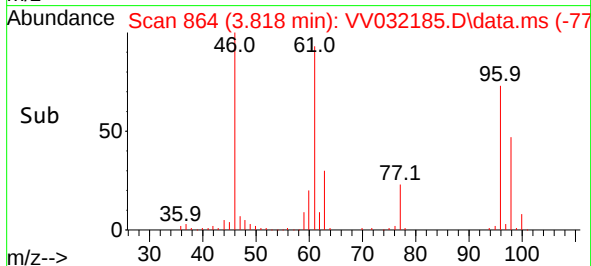
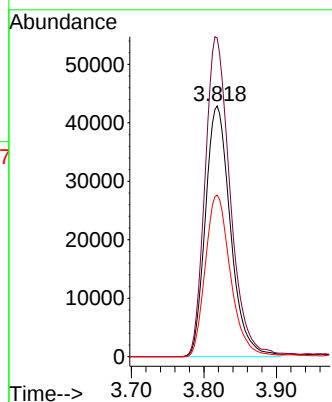
#22
 cis-1,2-Dichloroethene
 Concen: 13.734 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV032185.D
 Acq: 29 Sep 2023 11:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 102979

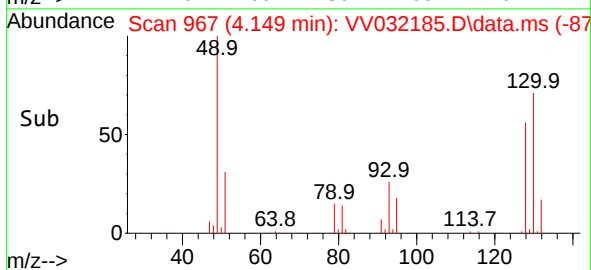
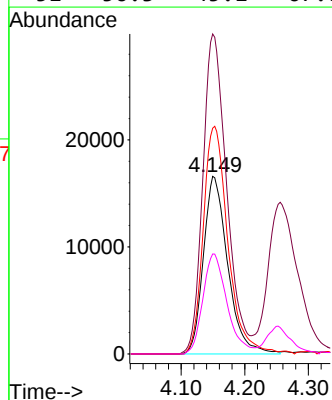
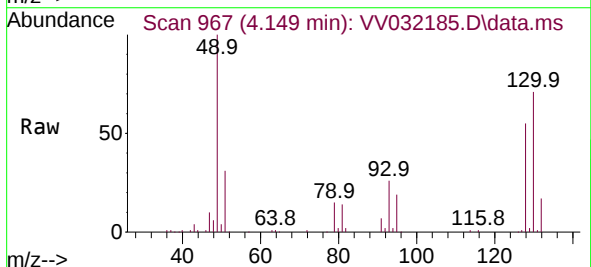
Ion	Ratio	Lower	Upper
96	100		
61	127.2	85.8	159.4
98	64.5	44.0	81.6

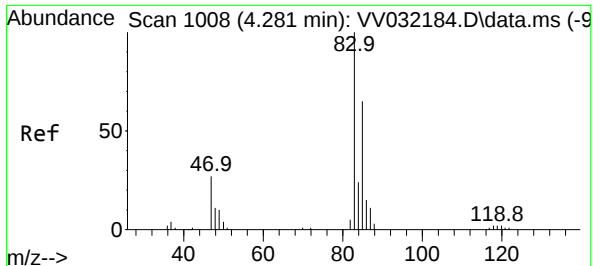


#23
 Bromochloromethane
 Concen: 12.163 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV032185.D
 Acq: 29 Sep 2023 11:11

Tgt Ion: 128 Resp: 44006

Ion	Ratio	Lower	Upper
128	100		
49	180.2	121.2	225.0
130	127.1	88.2	163.8
51	56.3	45.1	67.7





#25

Chloroform

Concen: 11.201 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

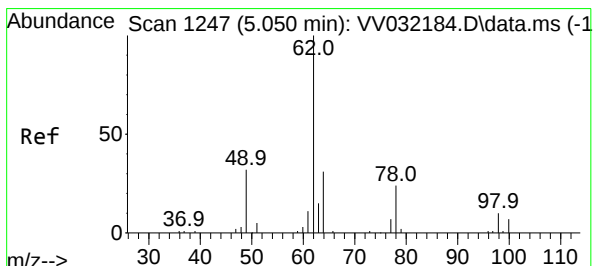
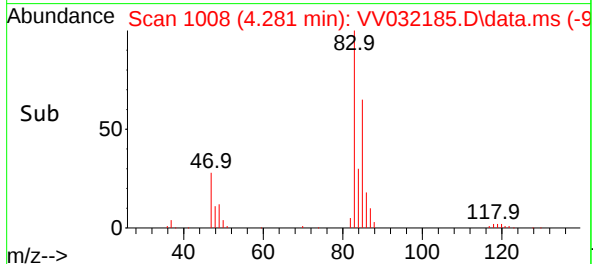
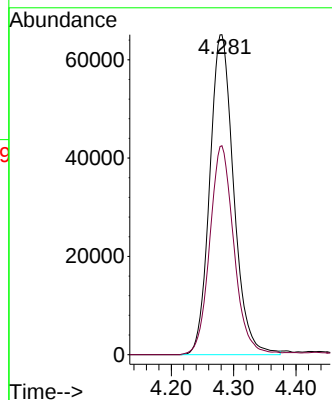
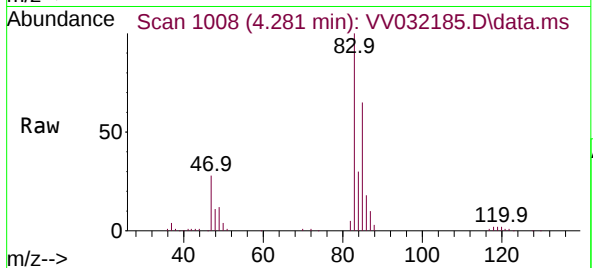
ClientSampleId :

Tgt Ion: 83 Resp: 173810

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 11.357 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV032185.D

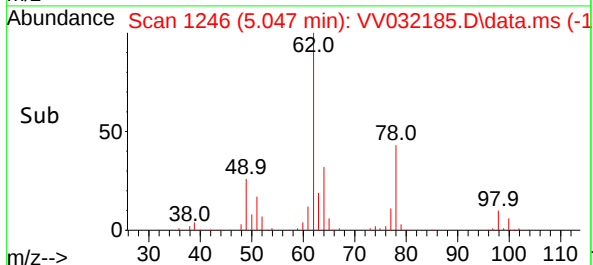
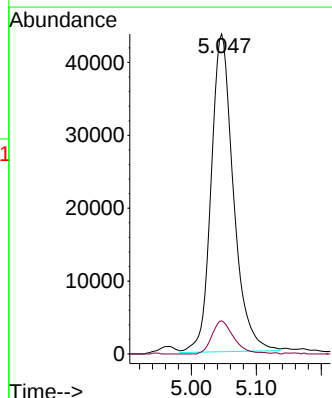
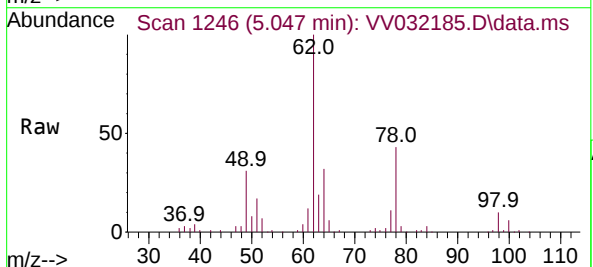
Acq: 29 Sep 2023 11:11

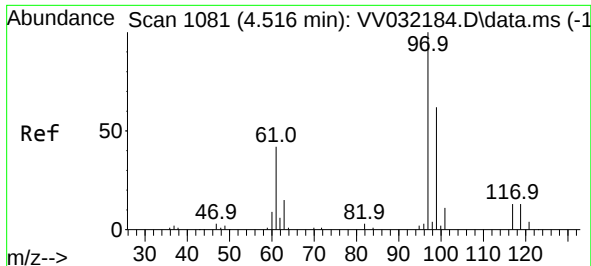
Tgt Ion: 62 Resp: 104146

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 11.758 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

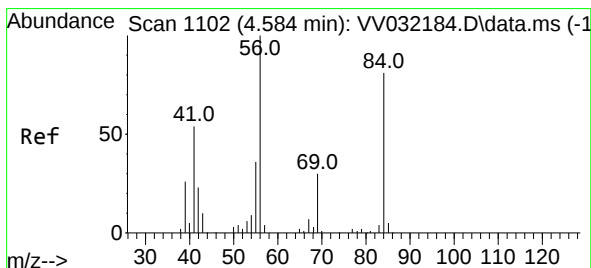
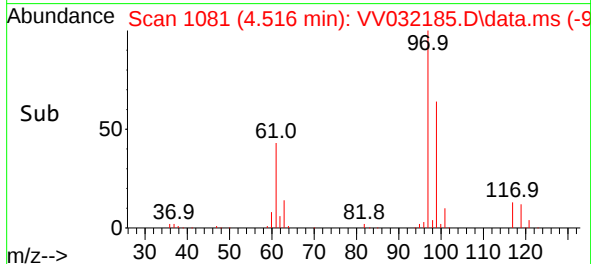
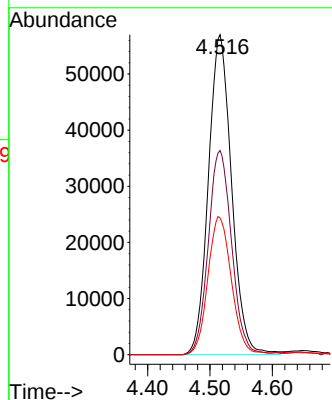
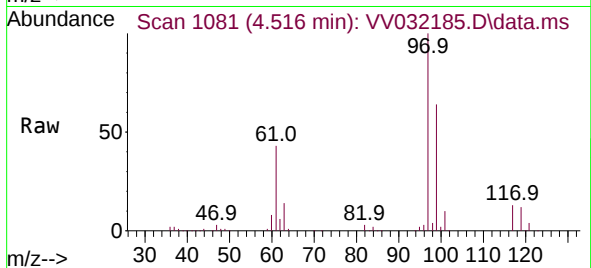
Tgt Ion: 97 Resp: 147454

Ion Ratio Lower Upper

97 100

99 64.2 50.1 75.1

61 43.7 35.1 52.7



#30

Cyclohexane

Concen: 16.492 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

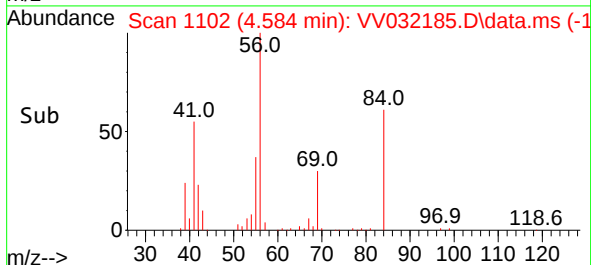
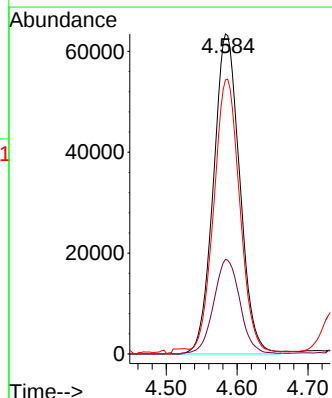
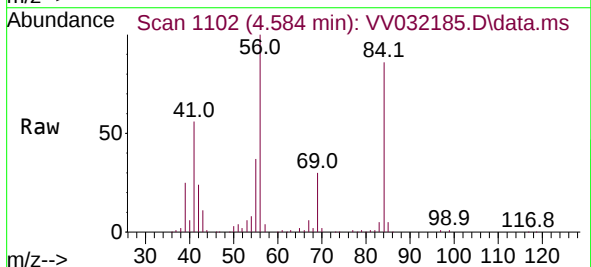
Tgt Ion: 56 Resp: 163465

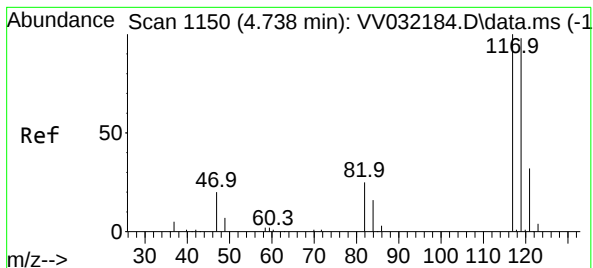
Ion Ratio Lower Upper

56 100

69 29.6 24.2 36.2

84 83.6 68.1 102.1





#31

Carbon tetrachloride

Concen: 11.789 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

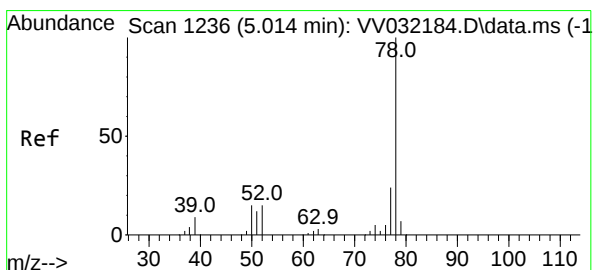
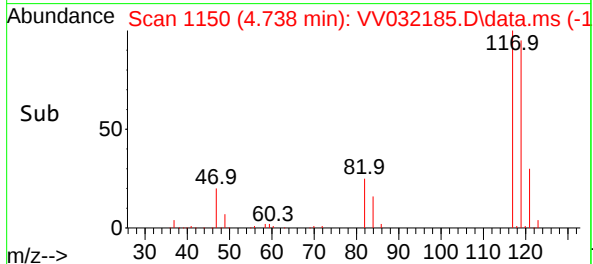
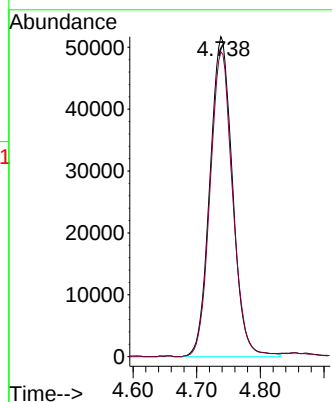
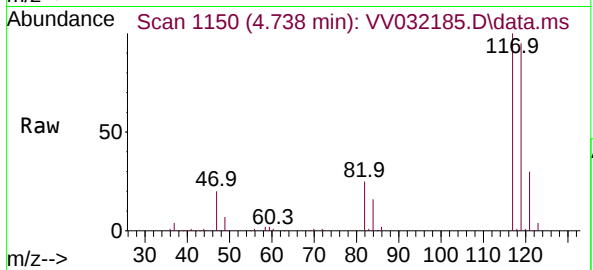
ClientSampleId :

Tgt Ion:117 Resp: 127682

Ion Ratio Lower Upper

117 100

119 94.9 77.6 116.4



#33

Benzene

Concen: 14.116 ug/L

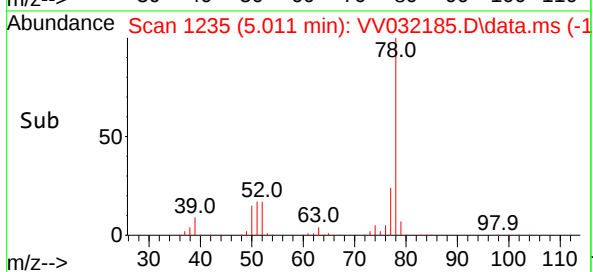
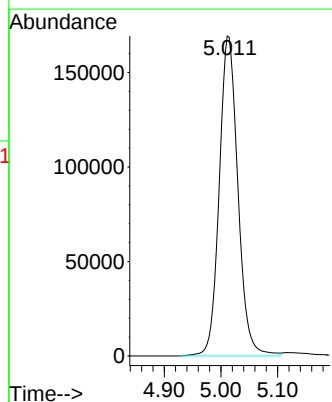
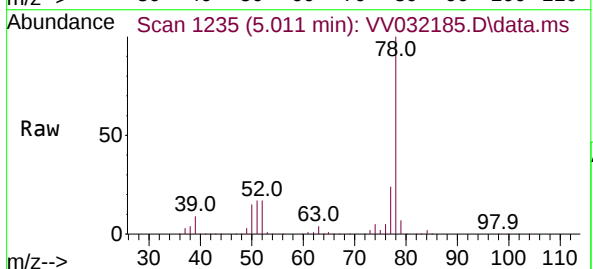
RT: 5.011 min Scan# 1235

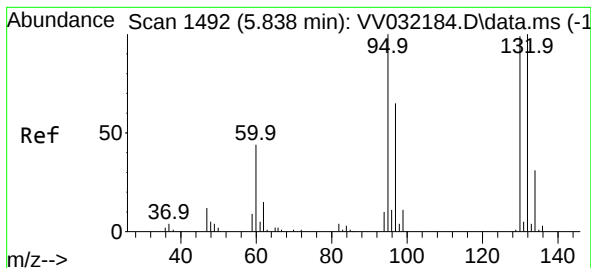
Delta R.T. -0.003 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Tgt Ion: 78 Resp: 387599





#34

Trichloroethene

Concen: 13.699 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 106611

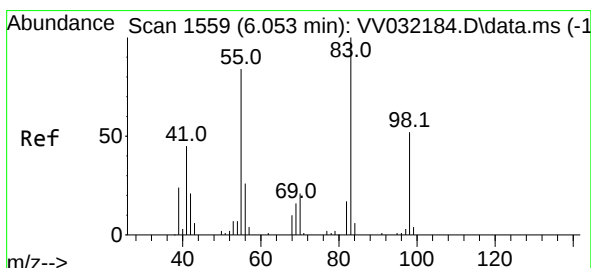
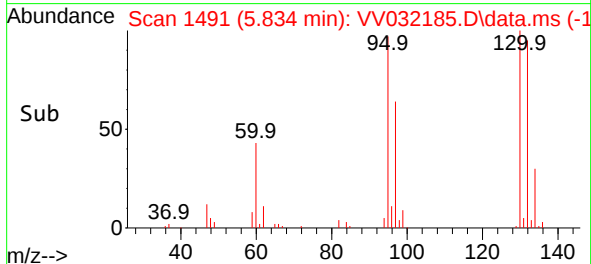
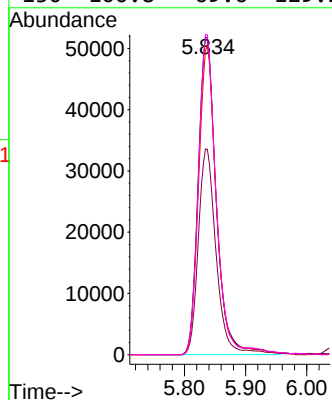
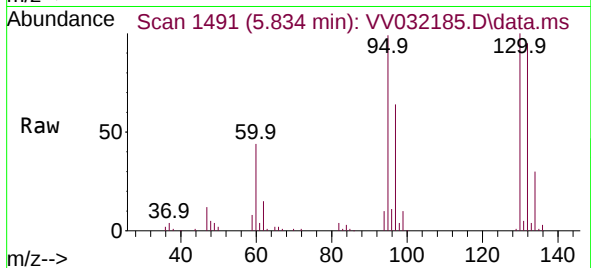
Ion Ratio Lower Upper

95 100

97 64.9 45.7 84.9

132 95.8 70.3 130.5

130 100.8 69.6 129.2



#35

Methylcyclohexane

Concen: 16.735 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

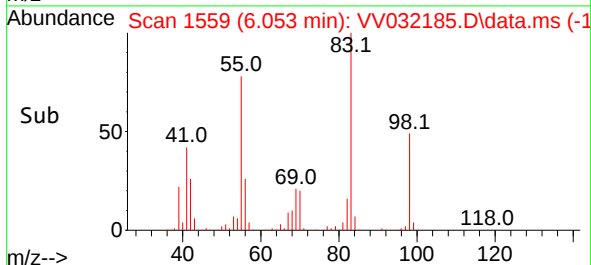
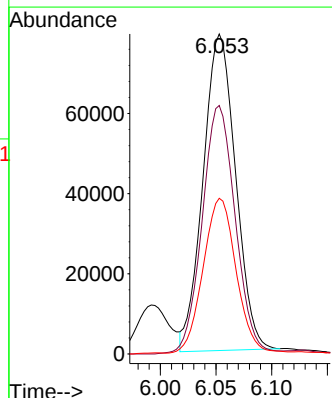
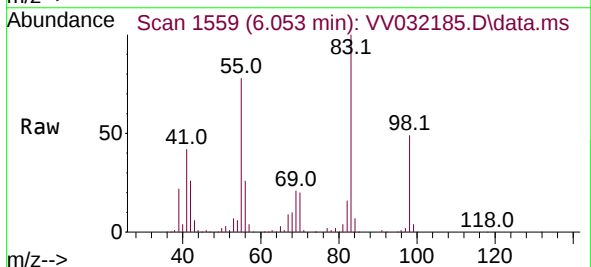
Tgt Ion: 83 Resp: 160637

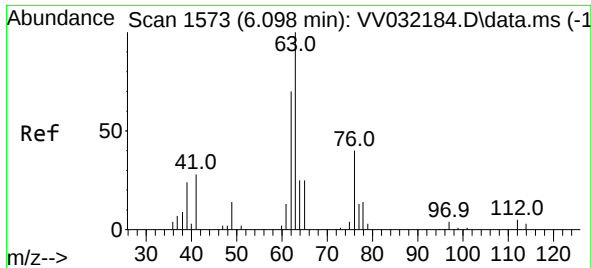
Ion Ratio Lower Upper

83 100

55 80.0 64.2 96.2

98 49.6 39.6 59.4





#37

1,2-Dichloropropane

Concen: 13.573 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

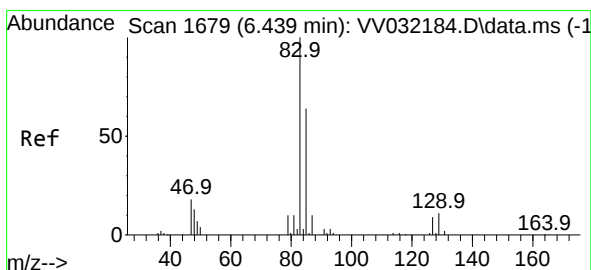
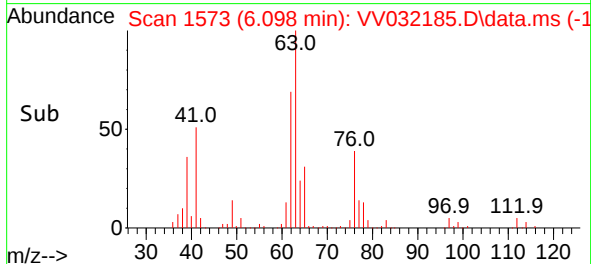
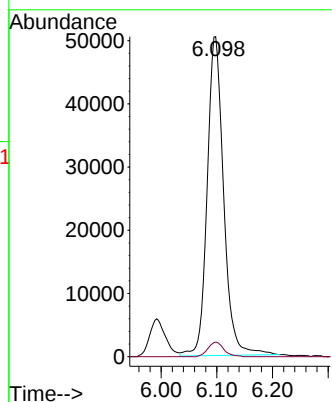
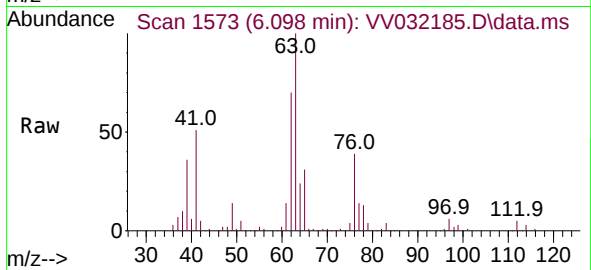
ClientSampleId :

Tgt Ion: 63 Resp: 103728

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 12.656 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

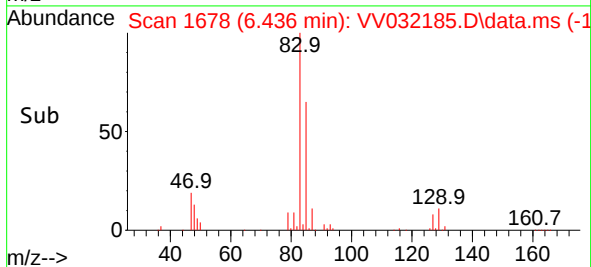
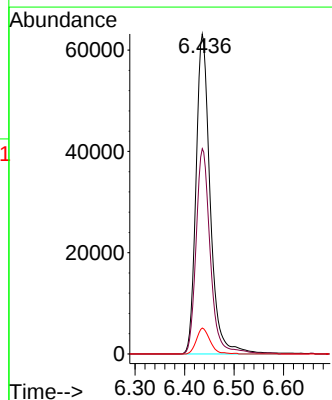
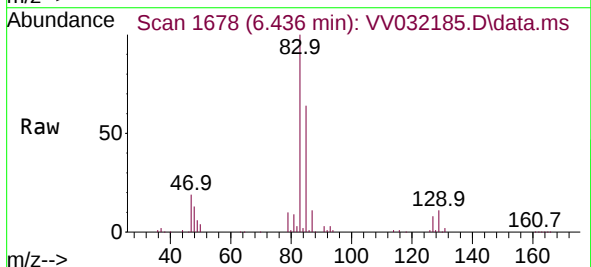
Tgt Ion: 83 Resp: 126135

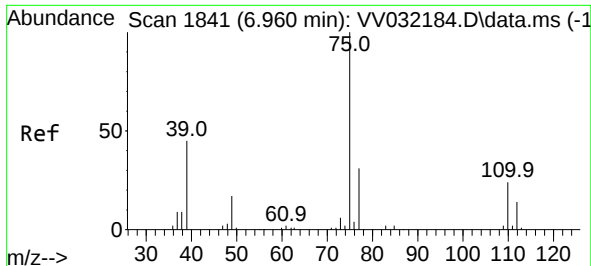
Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3

127 8.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 16.560 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

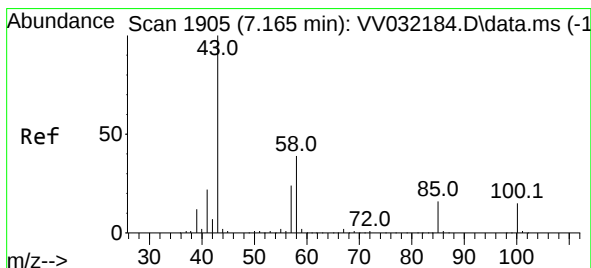
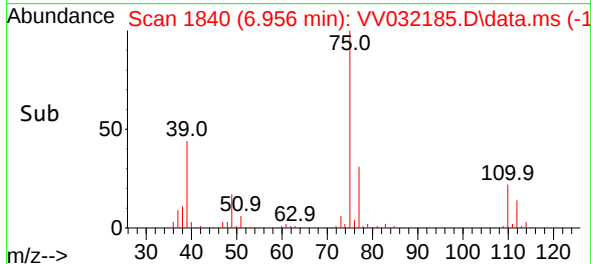
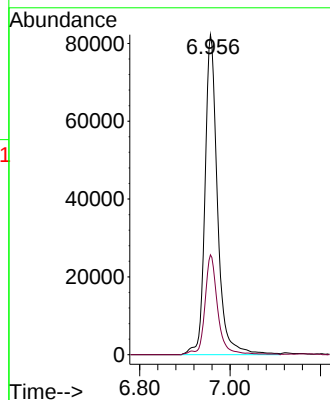
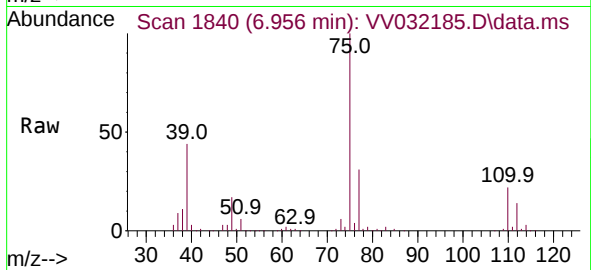
ClientSampleId :

Tgt Ion: 75 Resp: 158944

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 158.904 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

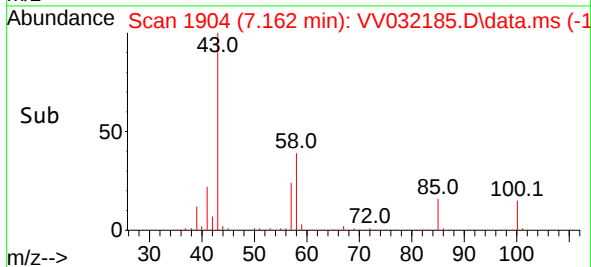
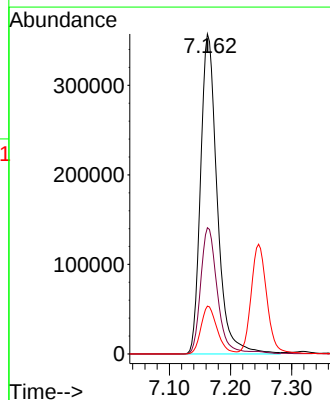
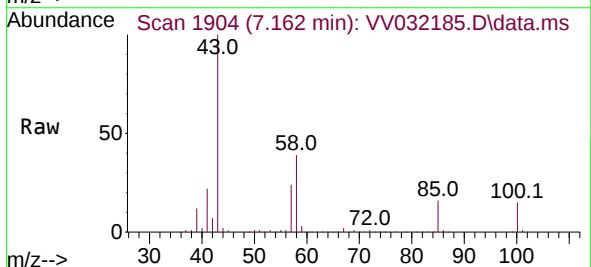
Tgt Ion: 43 Resp: 675810

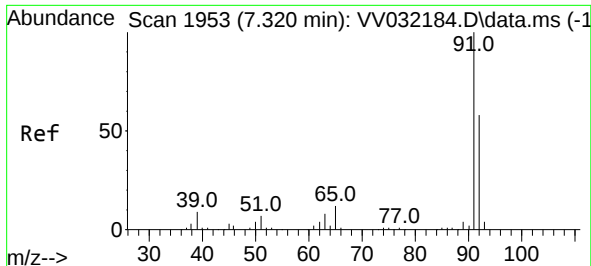
Ion Ratio Lower Upper

43 100

58 39.4 31.9 47.9

100 14.6 11.3 16.9

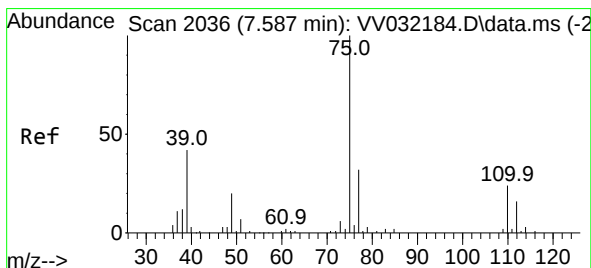
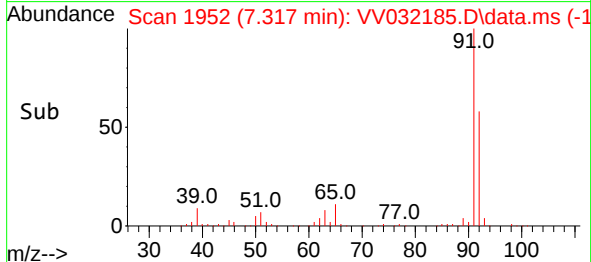
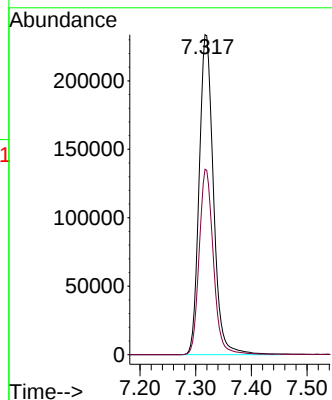
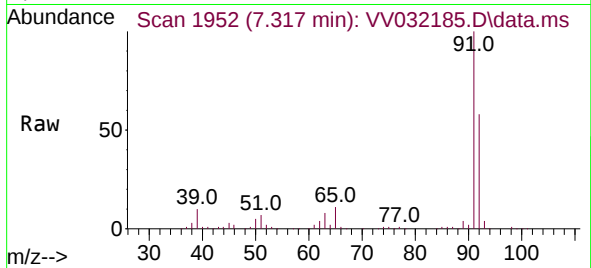




#42
Toluene
Concen: 15.147 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. -0.003 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

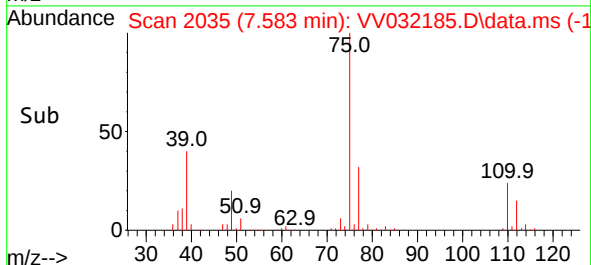
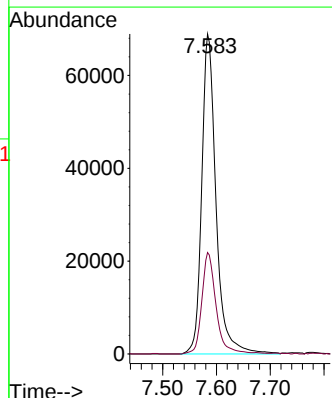
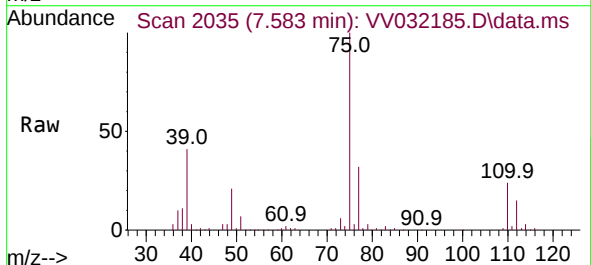
Instrument :
MSVOA_V
ClientSampleId :

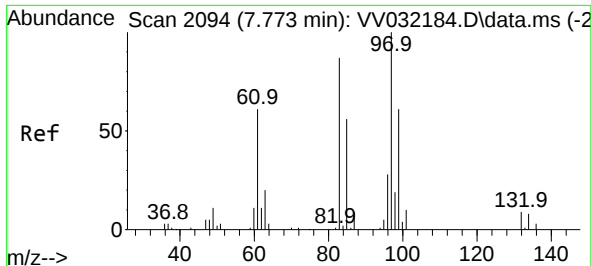
Tgt Ion: 91 Resp: 416752
Ion Ratio Lower Upper
91 100
92 57.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 15.324 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. -0.003 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion: 75 Resp: 127278
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.7

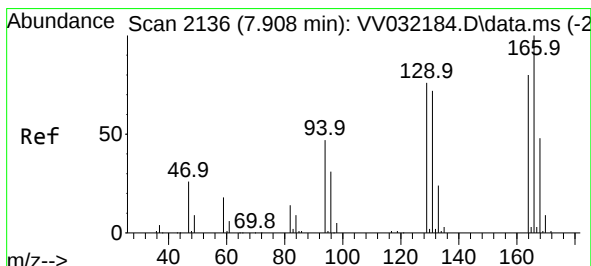
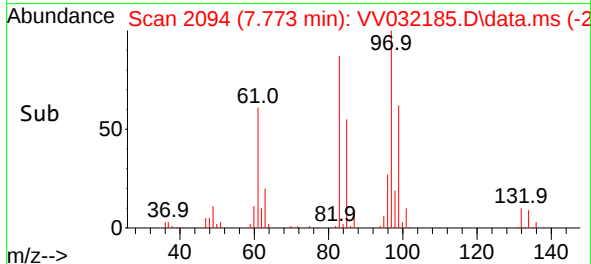
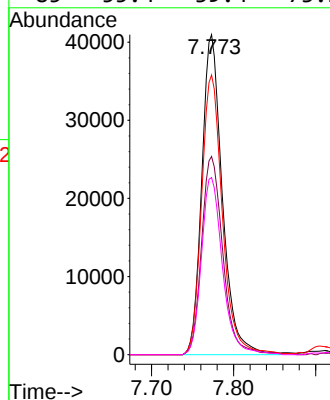
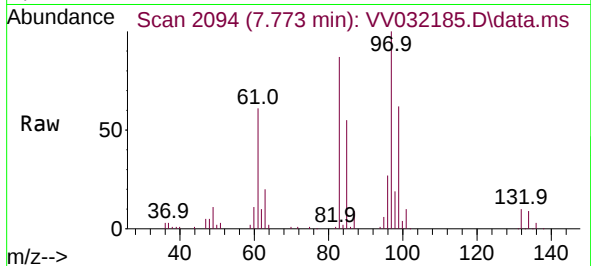




#45
1,1,2-Trichloroethane
Concen: 12.465 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

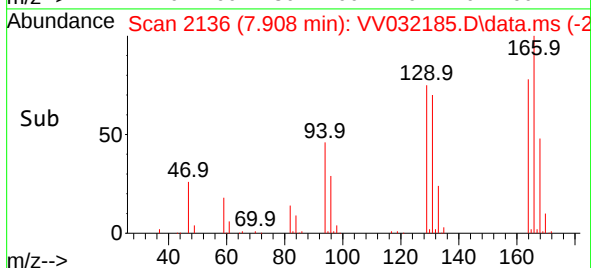
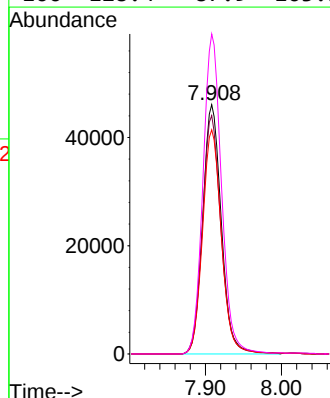
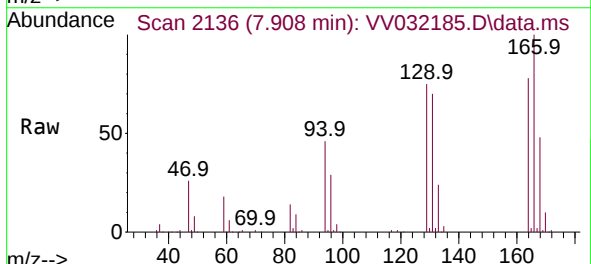
Instrument :
MSVOA_V
ClientSampleId :

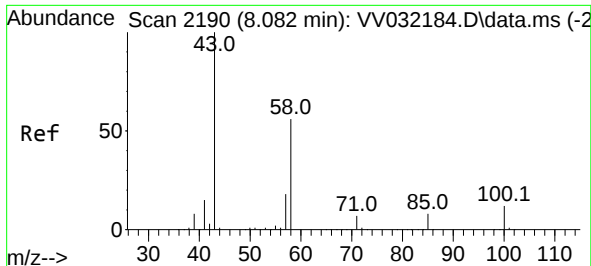
Tgt Ion:	97	Resp:	71390
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.8	79.4
83	87.4	60.9	113.1
85	55.4	39.4	73.2



#47
Tetrachloroethene
Concen: 13.753 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion:	164	Resp:	78125
Ion	Ratio	Lower	Upper
164	100		
129	95.7	66.4	123.4
131	89.9	63.7	118.3
166	128.4	87.9	163.3



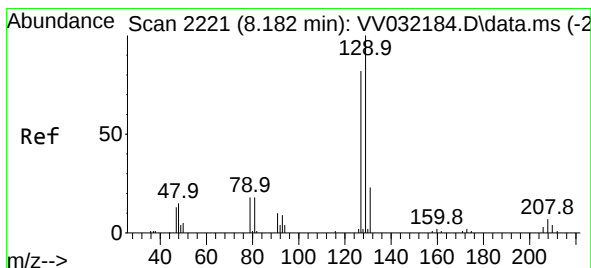
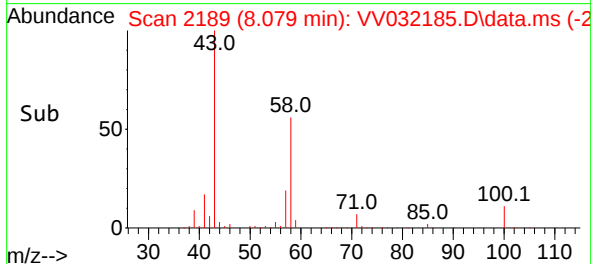
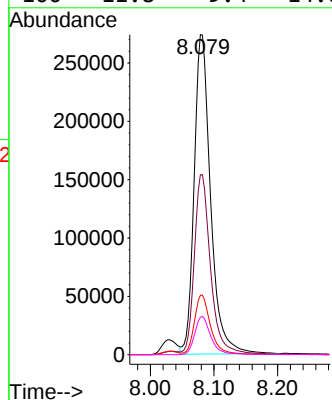
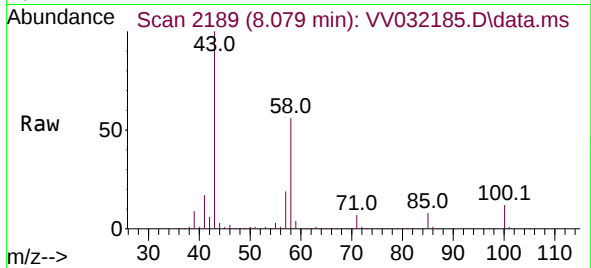


#48
2-Hexanone
Concen: 151.885 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 492853

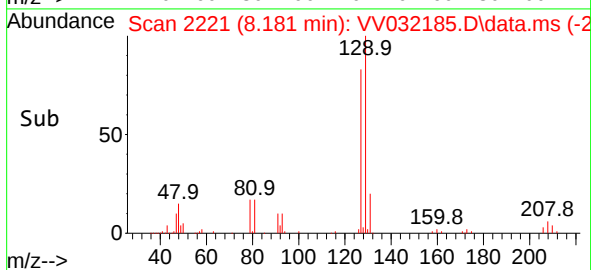
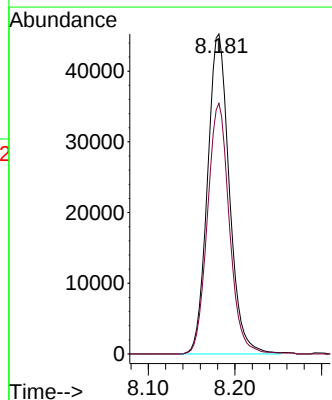
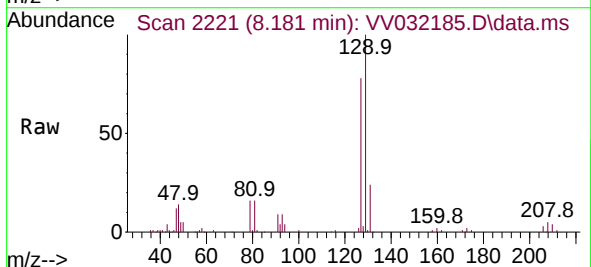
Ion	Ratio	Lower	Upper
43	100		
58	55.3	43.6	65.4
57	18.3	14.6	22.0
100	11.8	9.4	14.0

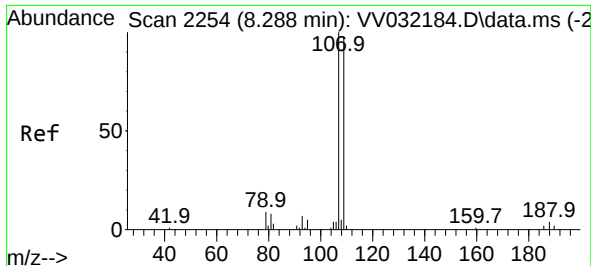


#49
Dibromochloromethane
Concen: 12.530 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion: 129 Resp: 79212

Ion	Ratio	Lower	Upper
129	100		
127	78.3	57.2	106.2

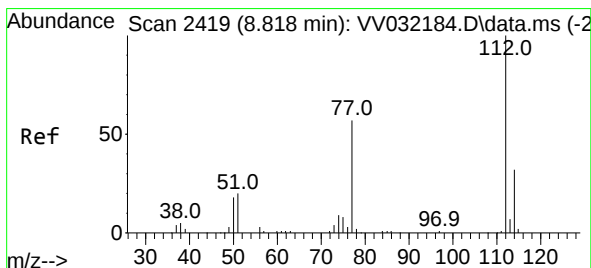
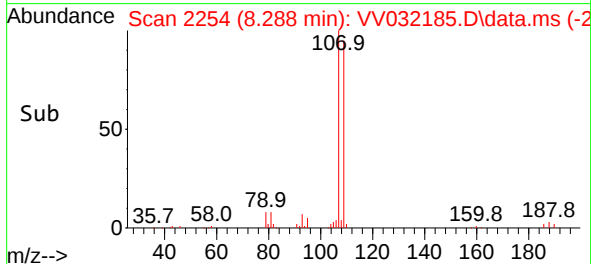
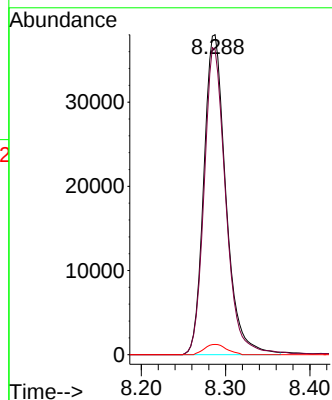
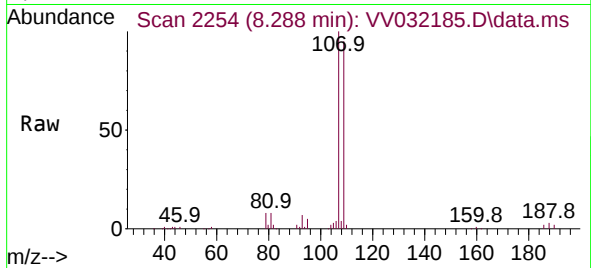




#50
1,2-Dibromoethane
Concen: 13.155 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

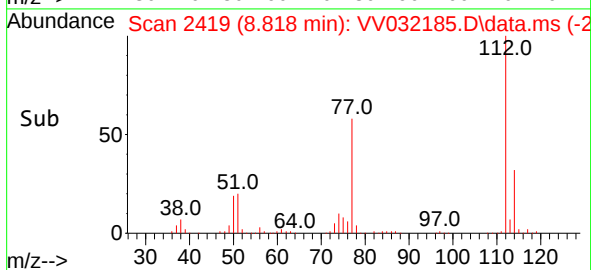
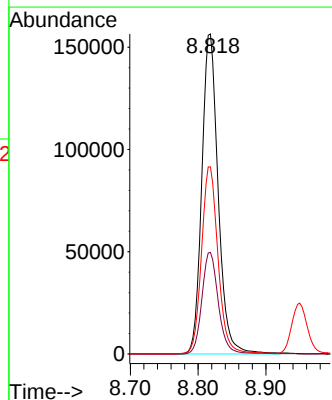
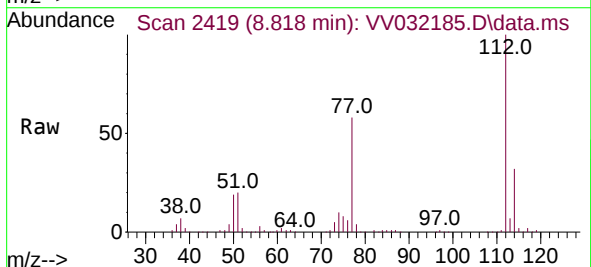
Instrument :
MSVOA_V
ClientSampleId :

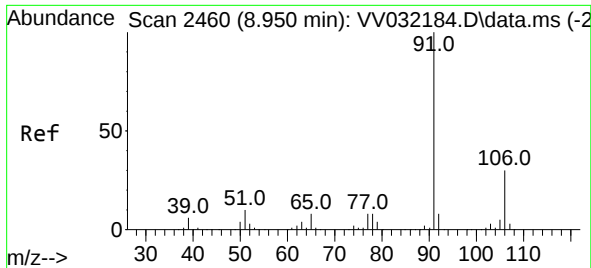
Tgt Ion:107 Resp: 69274
Ion Ratio Lower Upper
107 100
109 95.4 68.4 127.0
188 3.2 3.2 4.8



#51
Chlorobenzene
Concen: 13.997 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion:112 Resp: 262438
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 58.4 46.1 69.1

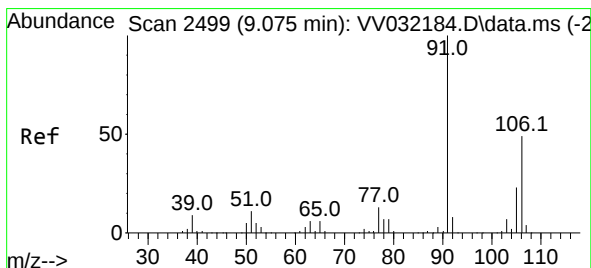
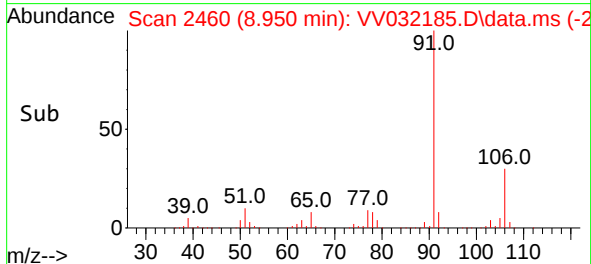
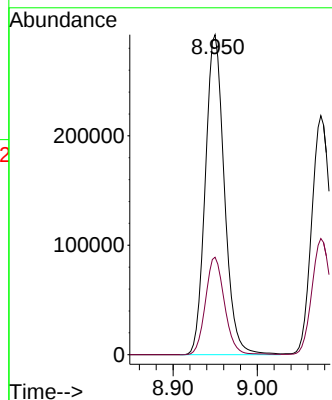
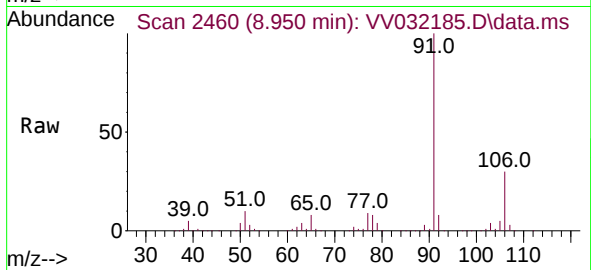




#52
Ethylbenzene
Concen: 16.037 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

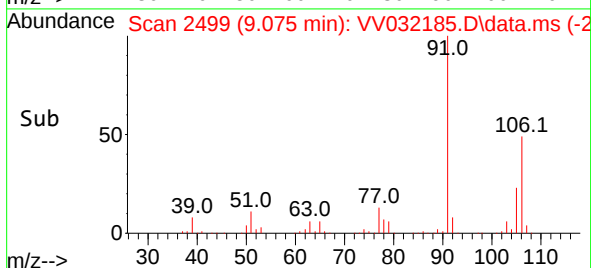
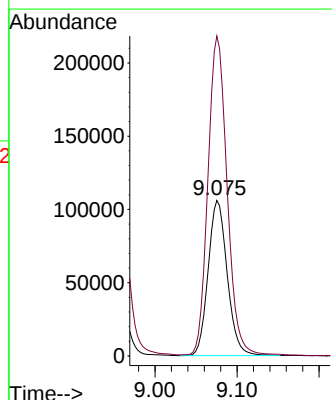
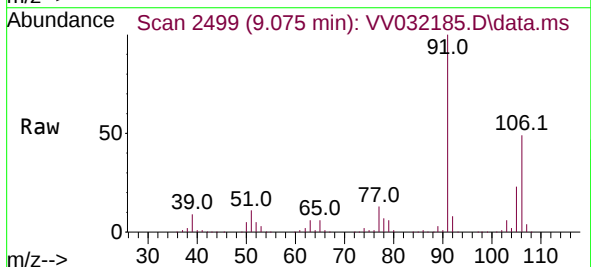
Instrument :
MSVOA_V
ClientSampleId :

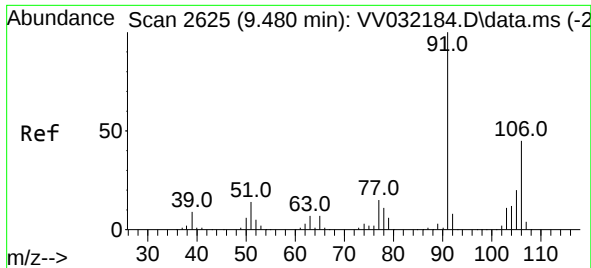
Tgt Ion: 91 Resp: 460565
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 16.366 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion: 106 Resp: 171489
Ion Ratio Lower Upper
106 100
91 205.7 144.5 268.3

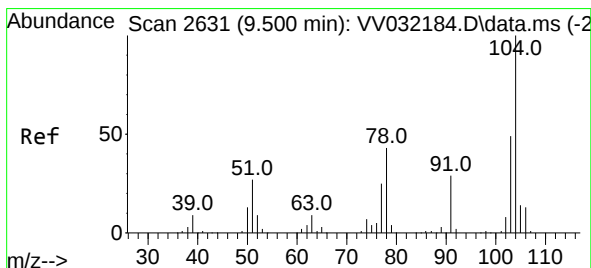
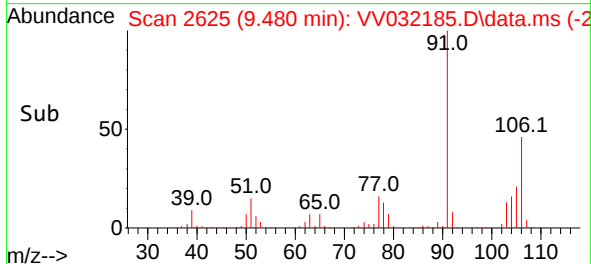
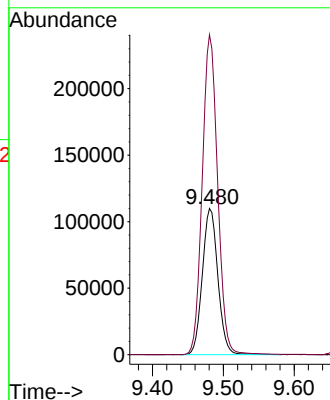
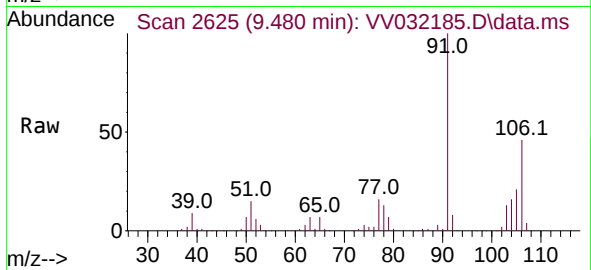




#54
o-Xylene
Concen: 16.793 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

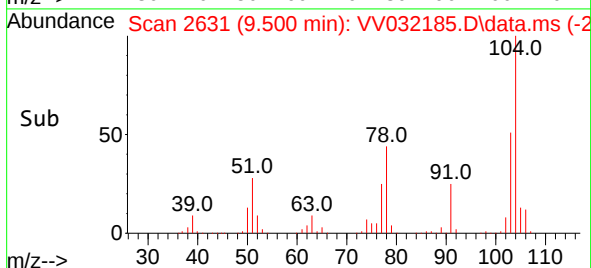
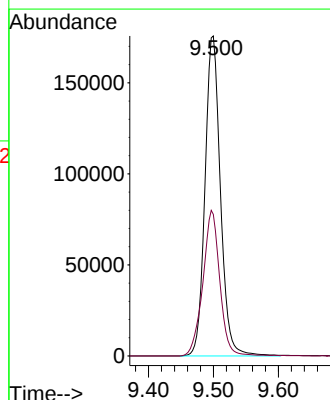
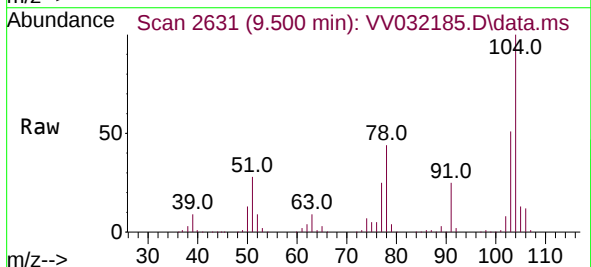
Instrument :
MSVOA_V
ClientSampleId :

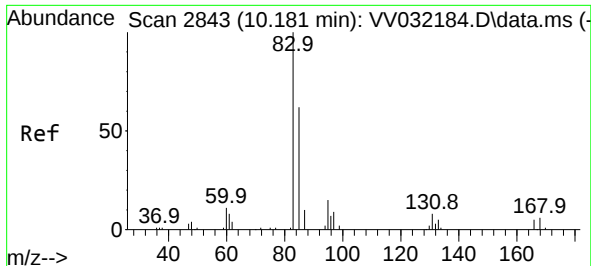
Tgt Ion:106 Resp: 167275
Ion Ratio Lower Upper
106 100
91 218.8 154.8 287.4



#55
Styrene
Concen: 16.338 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion:104 Resp: 291686
Ion Ratio Lower Upper
104 100
78 44.2 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 13.836 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VV032185.D

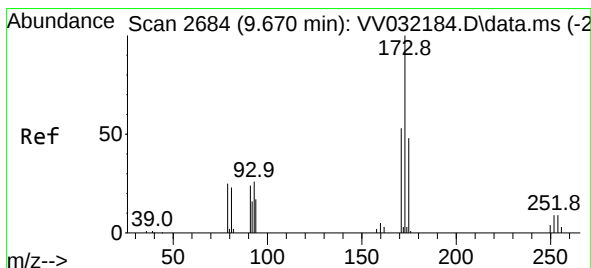
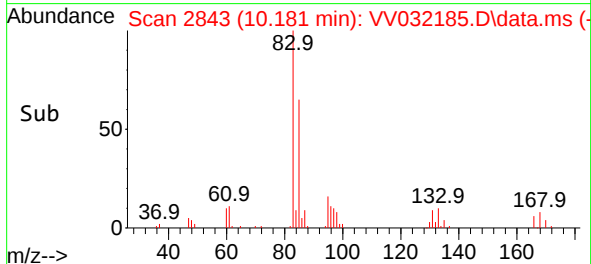
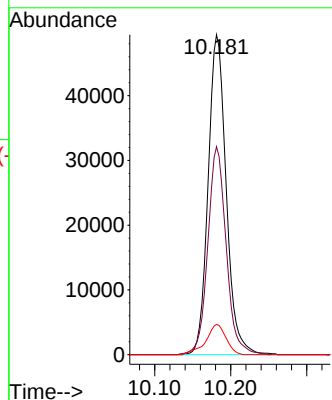
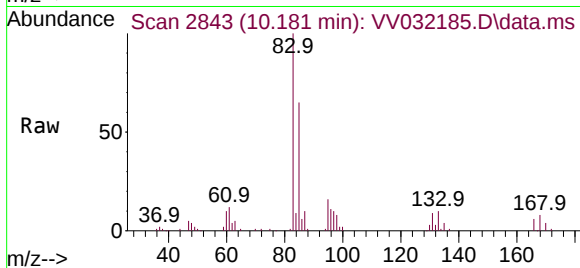
Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	81603
Ion	Ratio	Lower	Upper
83	100		
85	65.0	43.6	81.0
131	9.5	7.0	10.6



#59

Bromoform

Concen: 12.365 ug/L

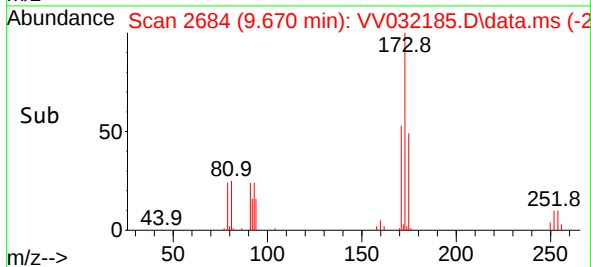
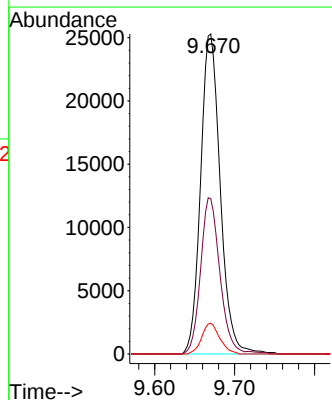
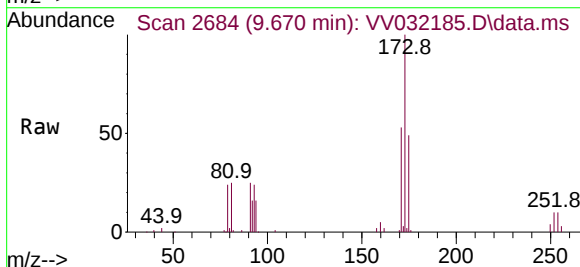
RT: 9.670 min Scan# 2684

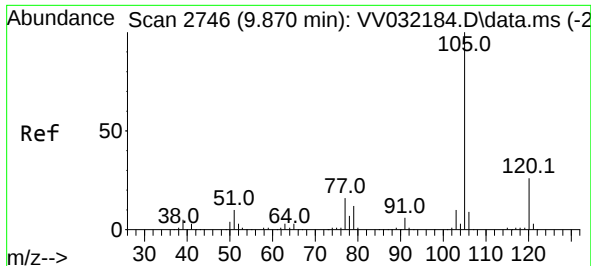
Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Tgt Ion:	173	Resp:	43365
Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.2	57.2
254	8.8	7.0	10.4

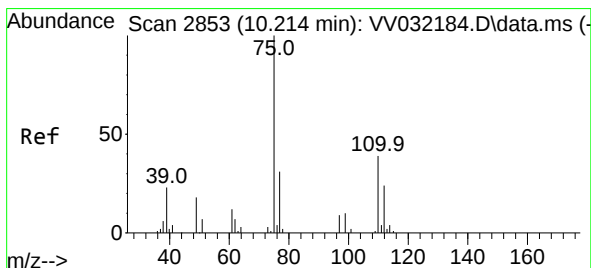
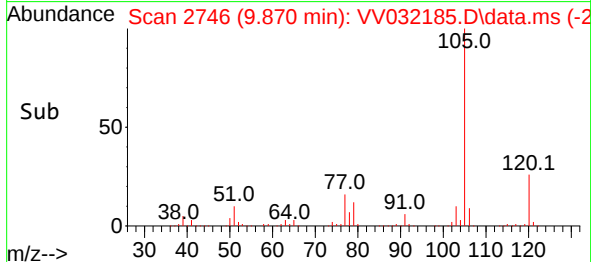
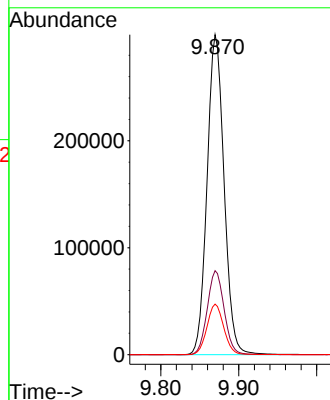
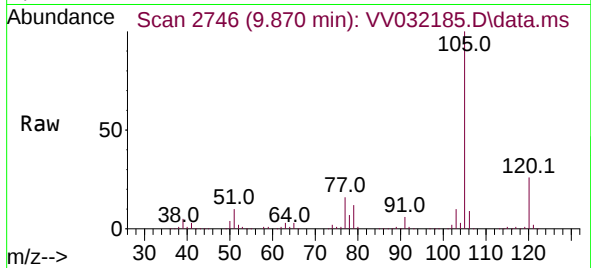




#60
Isopropylbenzene
Concen: 16.631 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

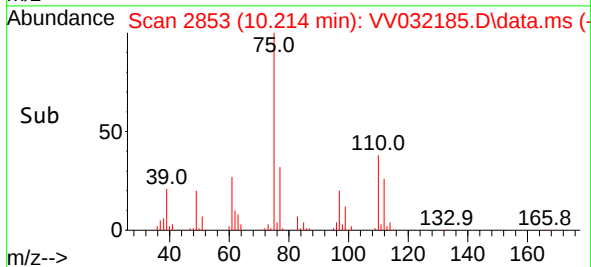
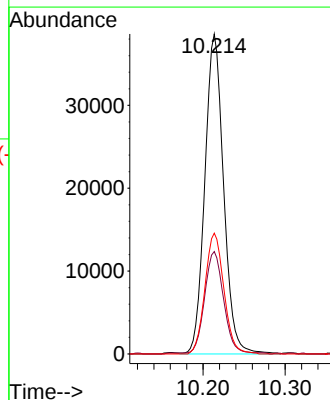
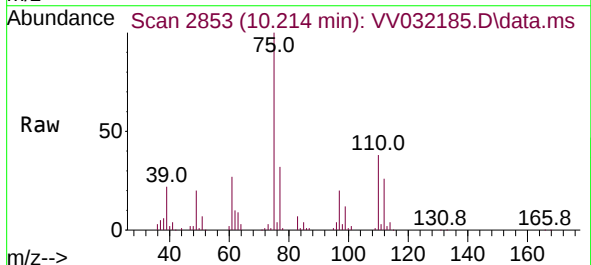
Instrument :
MSVOA_V
ClientSampleId :

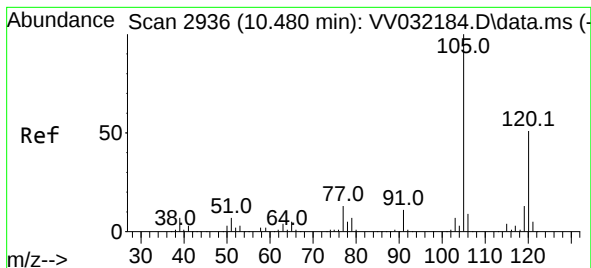
Tgt Ion:105 Resp: 453448
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 12.296 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion: 75 Resp: 61343
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 38.1 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 16.737 ug/L

RT: 10.477 min Scan# 2936

Delta R.T. -0.003 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

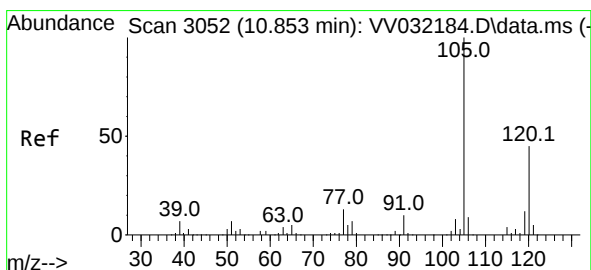
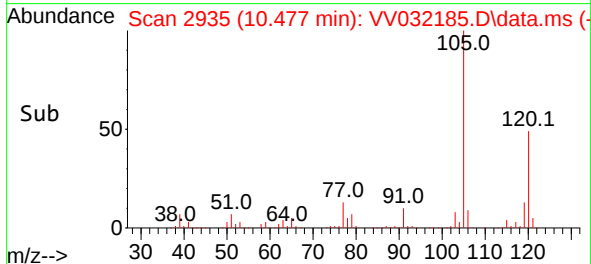
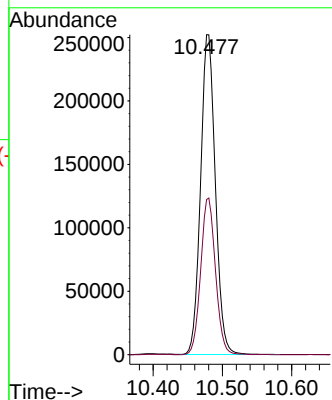
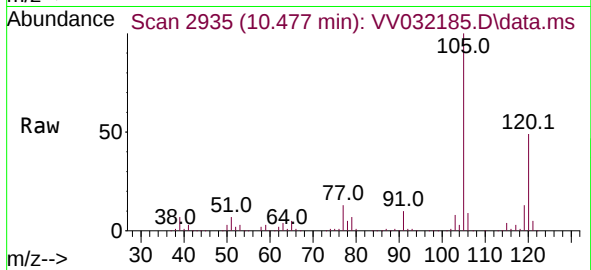
ClientSampleId :

Tgt Ion:105 Resp: 373496

Ion Ratio Lower Upper

105 100

120 49.1 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 16.883 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032185.D

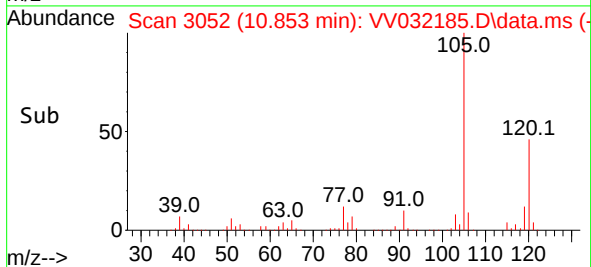
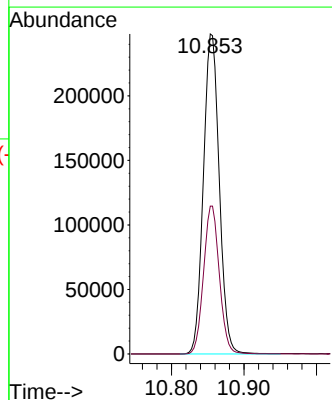
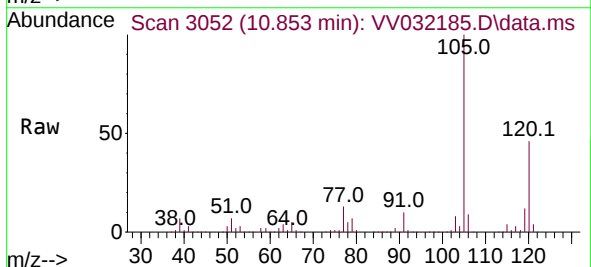
Acq: 29 Sep 2023 11:11

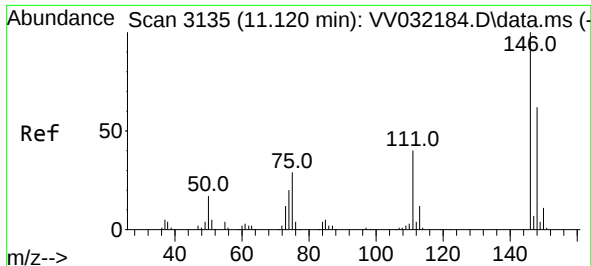
Tgt Ion:105 Resp: 377695

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4

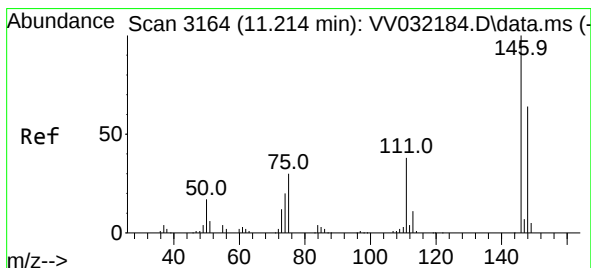
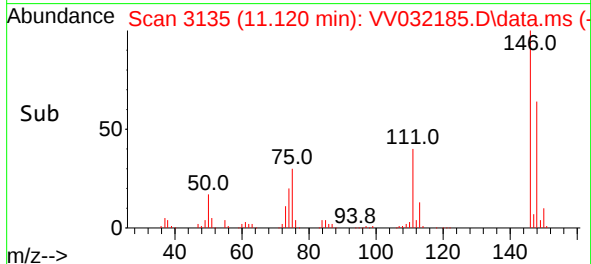
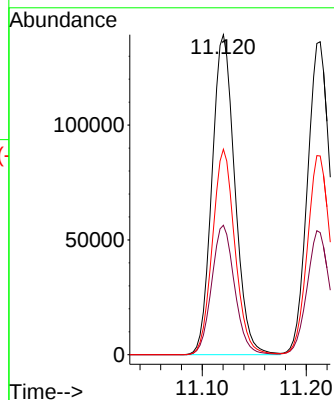
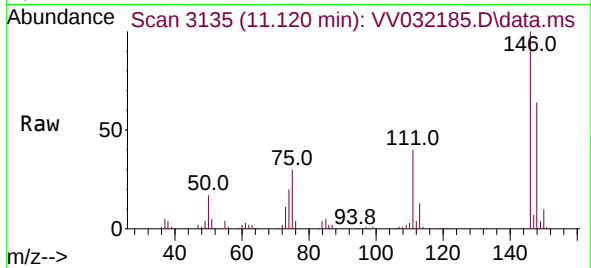




#64
1,3-Dichlorobenzene
Concen: 14.419 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

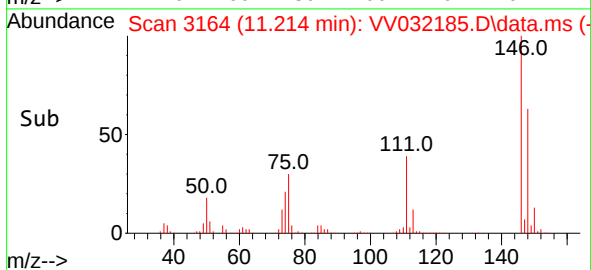
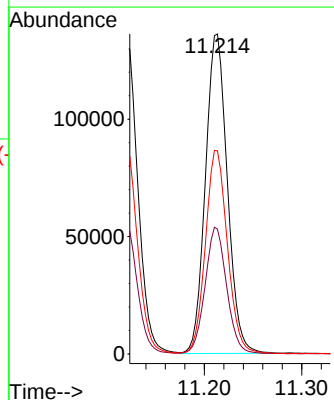
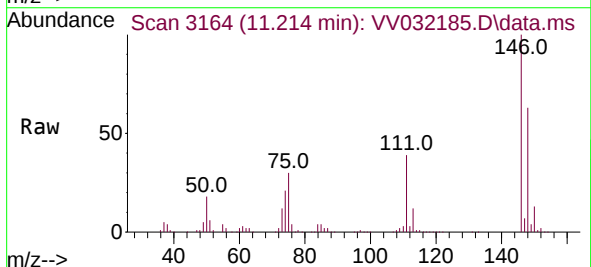
Instrument :
MSVOA_V
ClientSampleId :

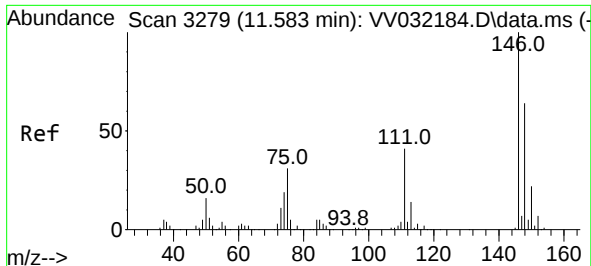
Tgt Ion:146 Resp: 213053
Ion Ratio Lower Upper
146 100
111 40.5 27.8 51.6
148 64.2 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 14.249 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV032185.D
Acq: 29 Sep 2023 11:11

Tgt Ion:146 Resp: 212506
Ion Ratio Lower Upper
146 100
111 39.0 26.9 49.9
148 63.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 13.888 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

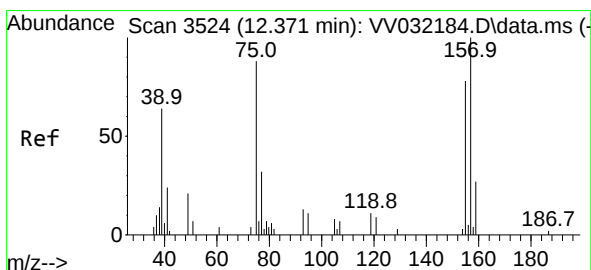
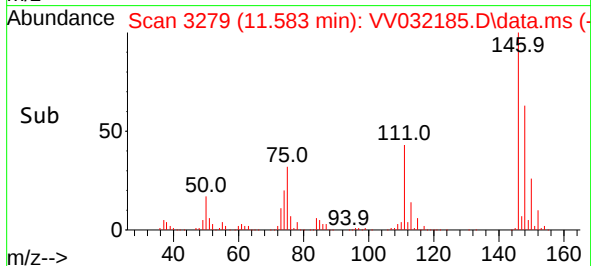
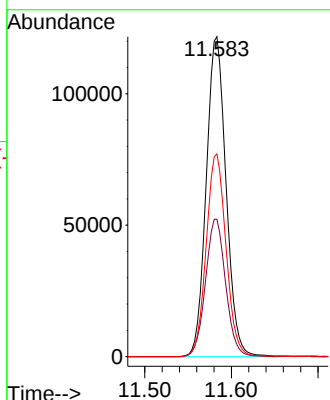
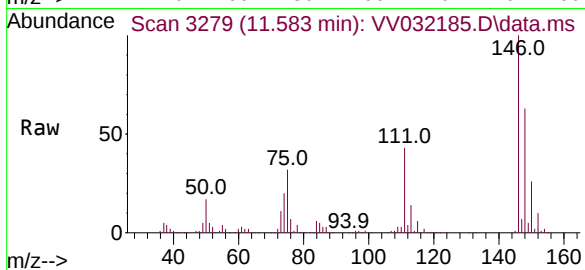
Tgt Ion:146 Resp: 193593

Ion Ratio Lower Upper

146 100

111 43.0 32.8 49.2

148 63.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 13.659 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.003 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

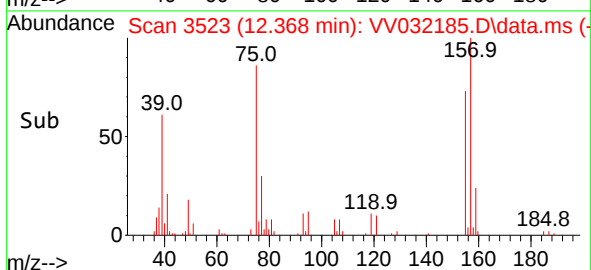
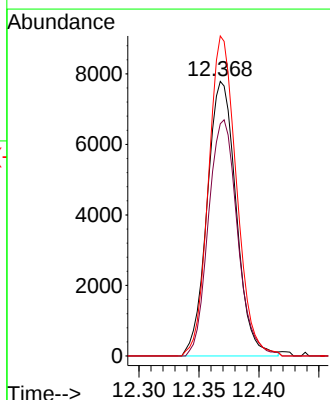
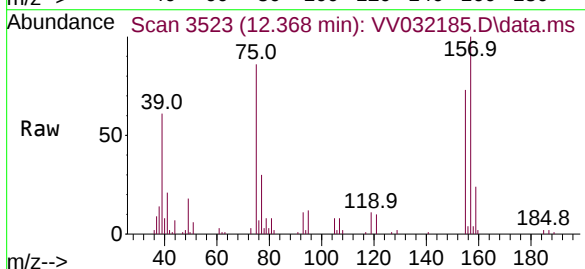
Tgt Ion: 75 Resp: 13102

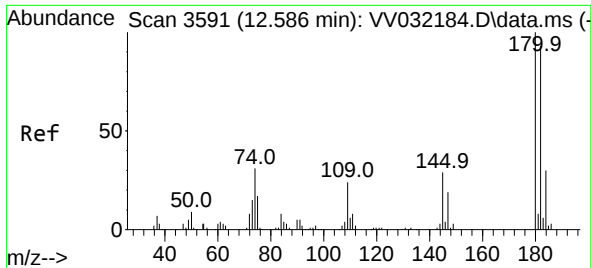
Ion Ratio Lower Upper

75 100

155 84.5 70.2 105.4

157 116.5 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 14.632 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. -0.000 min

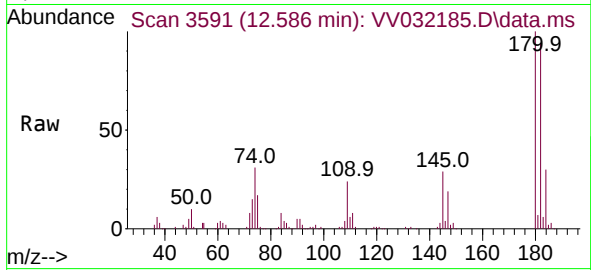
Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 156305

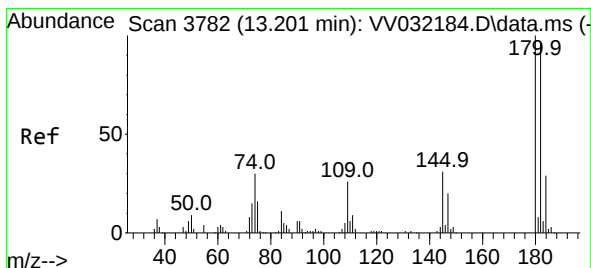
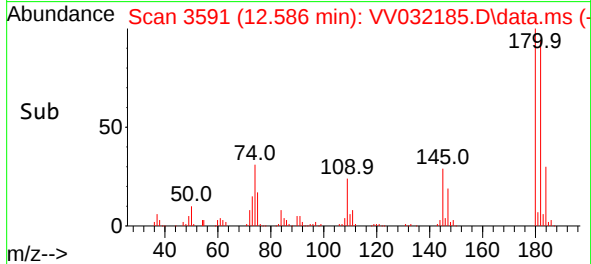
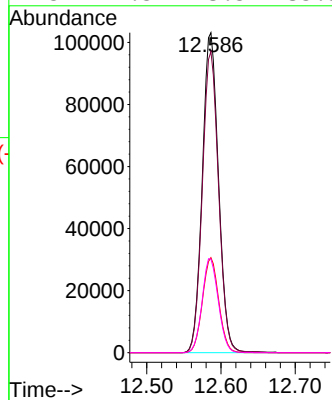
Ion Ratio Lower Upper

180 100

182 94.3 74.6 112.0

184 29.8 24.1 36.1

145 29.5 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 15.128 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

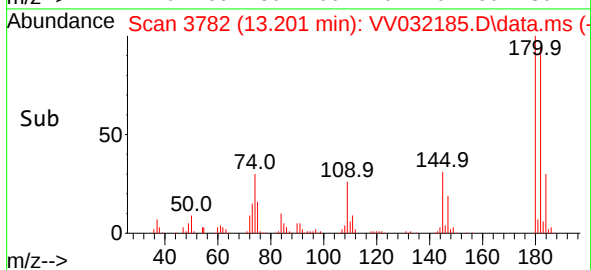
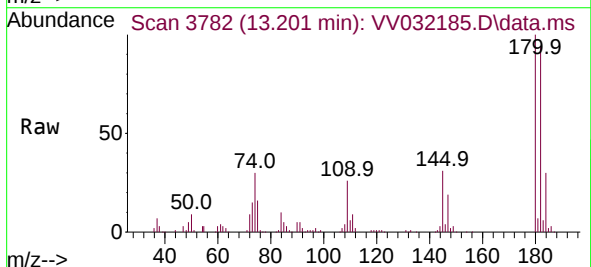
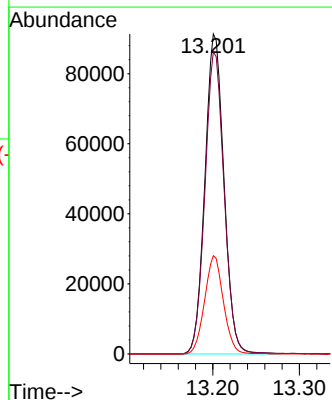
Tgt Ion:180 Resp: 139313

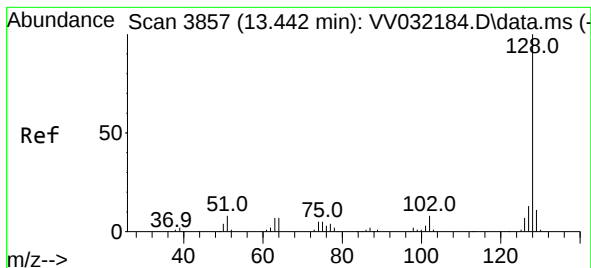
Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

145 30.3 24.3 36.5





#71

Naphthalene

Concen: 17.418 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

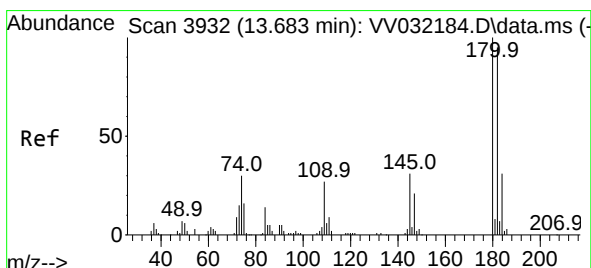
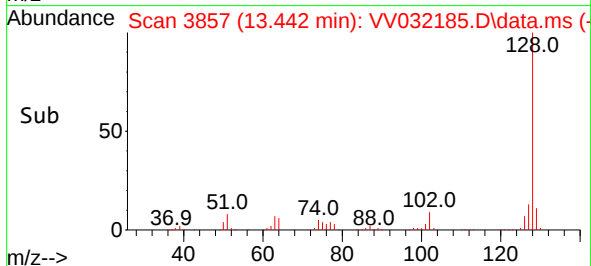
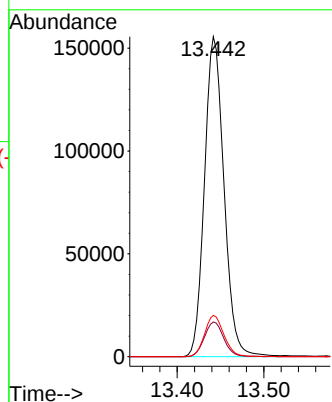
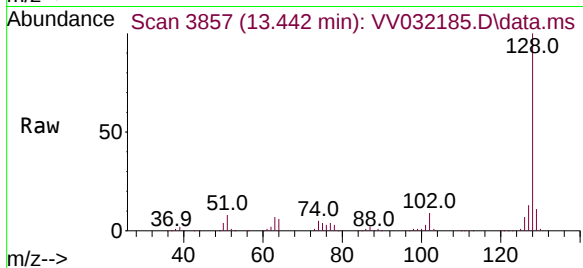
Tgt Ion:128 Resp: 243056

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 12.9 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 15.031 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032185.D

Acq: 29 Sep 2023 11:11

Tgt Ion:180 Resp: 123045

Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.4

145 32.7 25.7 38.5

