

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120523\
 Data File : VW033104.D
 Acq On : 05 Dec 2023 12:48
 Operator : SY/MD
 Sample : 04696-02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 01:19:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	324948	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	316707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175453	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81021	41.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.420%
7) Chloroethane-d5	1.532	69	57960	42.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.640%
11) 1,1-Dichloroethene-d2	2.060	65	31012	41.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.940%
21) 2-Butanone-d5	3.780	46	88300	91.520	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.520%
24) Chloroform-d	4.246	84	180149	43.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.937	65	115873	45.209	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	4.957	84	335777	45.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
36) 1,2-Dichloropropane-d6	5.986	67	94088	47.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	7.243	98	306544	43.383	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	7.551	79	51937	41.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.480%
47) 2-Hexanone-d5	8.021	63	70549	88.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	128507	45.391	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.780%
66) 1,2-Dichlorobenzene-d4	11.561	152	148383	47.532	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	6987	1.967	ug/L	99
3) Chloromethane	1.214	50	4714	2.012	ug/L	90
5) Vinyl chloride	1.285	62	4835	2.152	ug/L #	79
6) Bromomethane	1.487	94	3053	2.082	ug/L	94
8) Chloroethane	1.548	64	2740	2.291	ug/L	96
9) Trichlorofluoromethane	1.716	101	7371	1.988	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	4823	2.770	ug/L #	88
12) 1,1-Dichloroethene	2.069	96	4404	2.703	ug/L #	1
13) Acetone	2.111	43	3756	4.078	ug/L	94
14) Carbon disulfide	2.243	76	11881	2.033	ug/L	99
15) Methyl Acetate	2.381	43	3112	2.027	ug/L #	79
16) Methylene chloride	2.445	84	4340	2.012	ug/L	97
17) trans-1,2-Dichloroethene	2.699	96	4144	1.937	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	11879	1.828	ug/L	97
19) 1,1-Dichloroethane	3.117	63	7169	2.025	ug/L	90
20) cis-1,2-Dichloroethene	3.822	96	4582	2.019	ug/L	87
23) Bromochloromethane	4.156	128	2369	1.818	ug/L	93
25) Chloroform	4.275	83	9756	2.396	ug/L	91
27) 1,2-Dichloroethane	5.053	62	6395	1.988	ug/L	97

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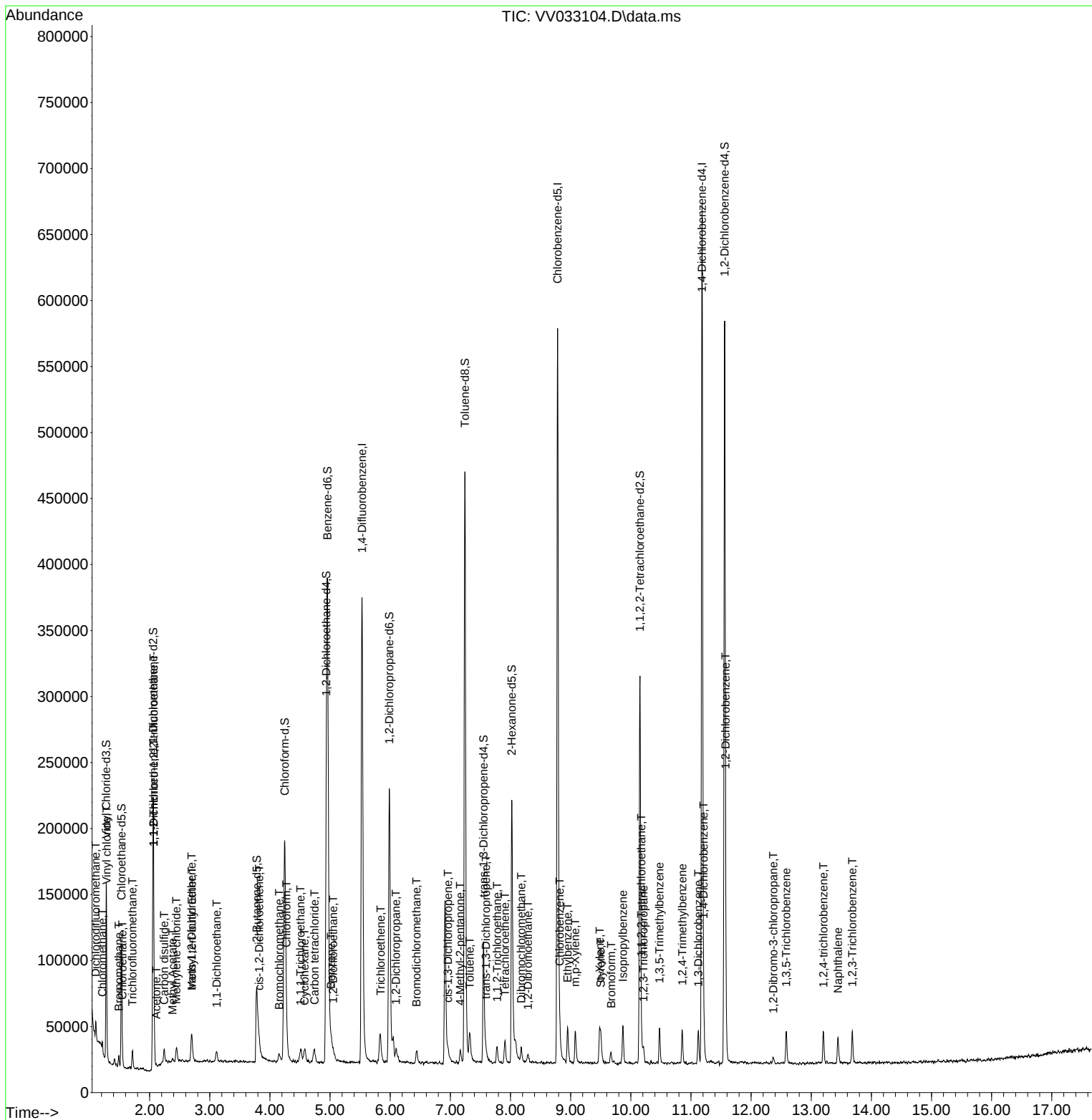
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 ClientSampleId :

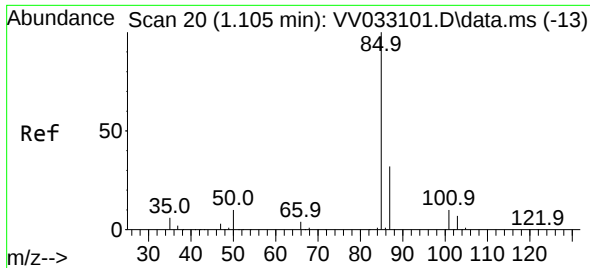
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.574	56	5830	1.993	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	7802	1.993	ug/L	99
31) Carbon tetrachloride	4.741	117	8131	2.234	ug/L	93
33) Benzene	5.014	78	15571	1.940	ug/L	100
34) Trichloroethene	5.844	95	4286	1.788	ug/L	89
37) 1,2-Dichloropropane	6.095	63	3397	1.829	ug/L #	89
38) Bromodichloromethane	6.436	83	6447	2.153	ug/L	95
39) cis-1,3-Dichloropropene	6.960	75	6687	1.984	ug/L	83
40) 4-Methyl-2-pentanone	7.166	43	6303	3.196	ug/L	98
42) Toluene	7.323	91	17940	1.984	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	6488	1.904	ug/L	94
45) 1,1,2-Trichloroethane	7.776	97	4350	2.020	ug/L	91
46) Tetrachloroethene	7.908	164	4128	2.003	ug/L	92
49) Dibromochloromethane	8.182	129	5046	1.963	ug/L	89
50) 1,2-Dibromoethane	8.291	107	4546	1.980	ug/L #	96
51) Chlorobenzene	8.818	112	12959	2.038	ug/L	98
52) Ethylbenzene	8.950	91	18353	1.763	ug/L	95
53) m,p-Xylene	9.075	106	7227	1.753	ug/L	84
54) o-Xylene	9.484	106	7736	1.902	ug/L	88
55) Styrene	9.503	104	11347	1.612	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	6344	2.156	ug/L	99
59) Bromoform	9.673	173	3690	1.938	ug/L #	68
60) Isopropylbenzene	9.870	105	19011	1.879	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	4232	1.934	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	14052	1.724	ug/L	95
63) 1,2,4-Trimethylbenzene	10.857	105	14802	1.744	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	10749	1.989	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	11665	2.078	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	11455	2.162	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.371	75	1329	1.980	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.583	180	8672	2.003	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	7883	1.971	ug/L	95
71) Naphthalene	13.445	128	17479	1.792	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	7271	1.884	ug/L	95

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

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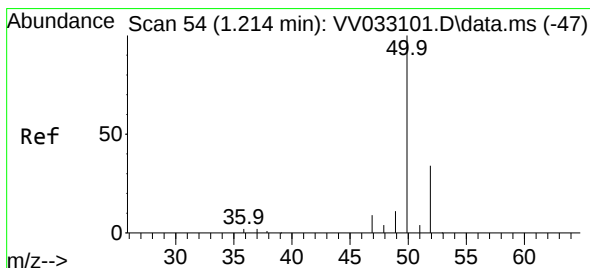
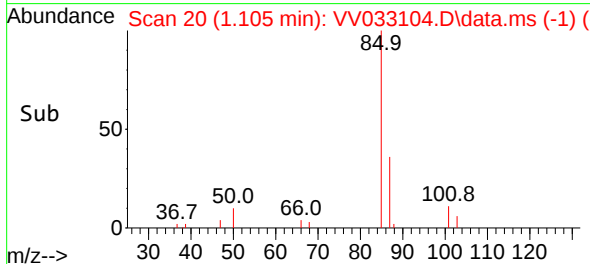
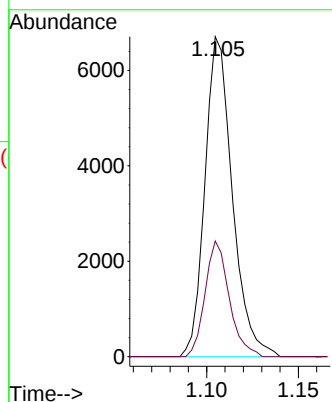
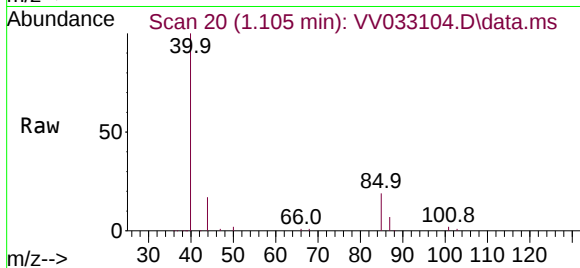




#2
 Dichlorodifluoromethane
 Concen: 1.967 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV033104.D
 Acq: 05 Dec 2023 12:48

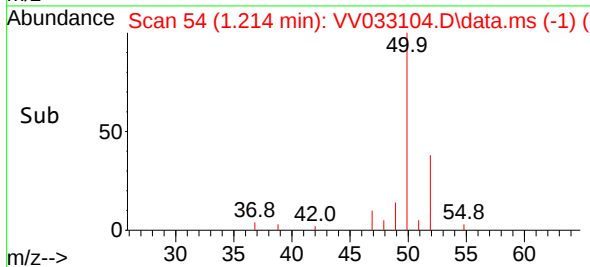
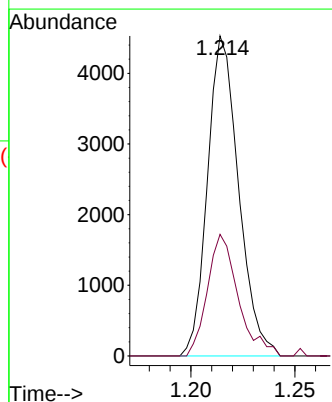
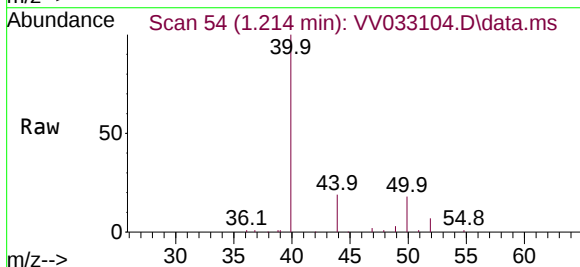
Instrument :
 MSVOA_V
 ClientSampleId :

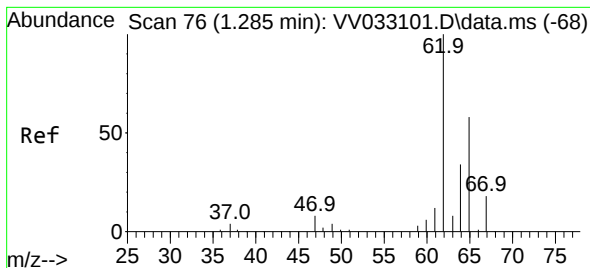
Tgt Ion: 85 Resp: 6987
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 2.012 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV033104.D
 Acq: 05 Dec 2023 12:48

Tgt Ion: 50 Resp: 4714
 Ion Ratio Lower Upper
 50 100
 52 38.0 22.8 42.4





#5

Vinyl chloride

Concen: 2.152 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

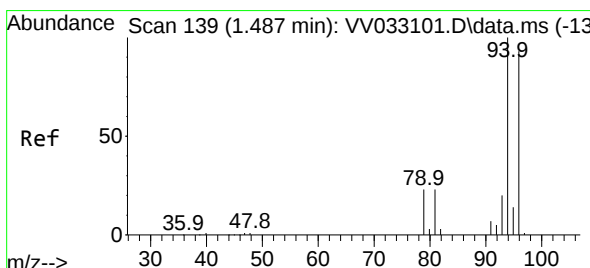
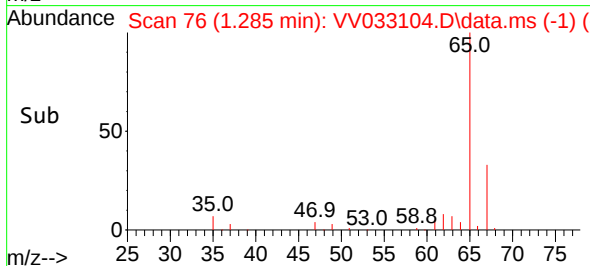
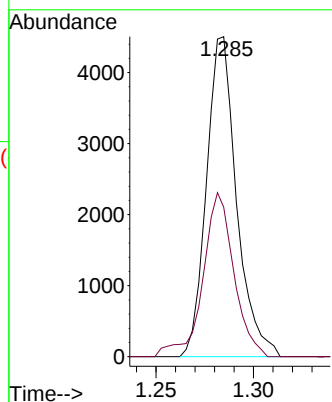
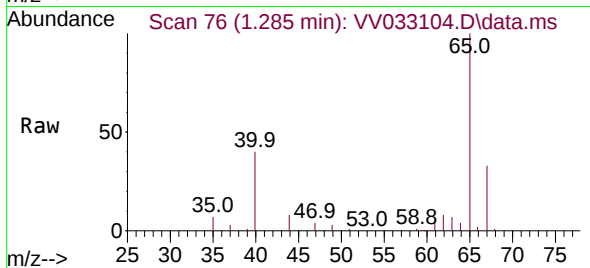
ClientSampleId :

Tgt Ion: 62 Resp: 4835

Ion Ratio Lower Upper

62 100

64 46.7 24.2 45.0#



#6

Bromomethane

Concen: 2.082 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV033104.D

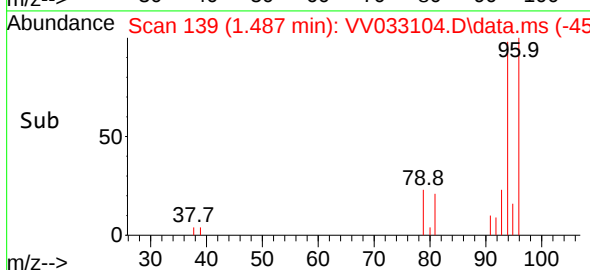
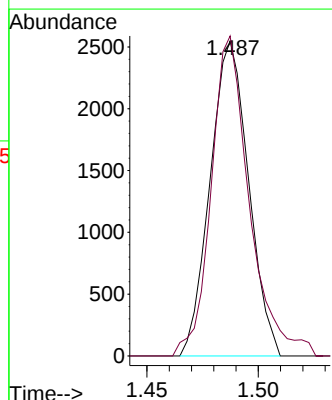
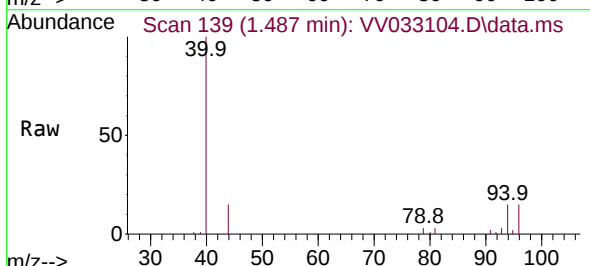
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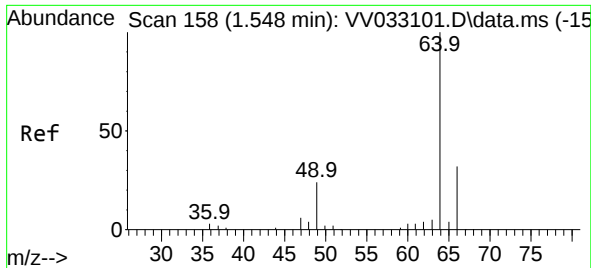
Tgt Ion: 94 Resp: 3053

Ion Ratio Lower Upper

94 100

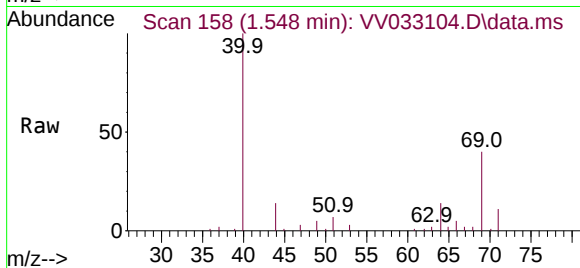
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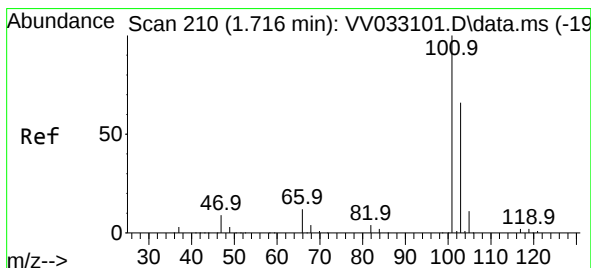
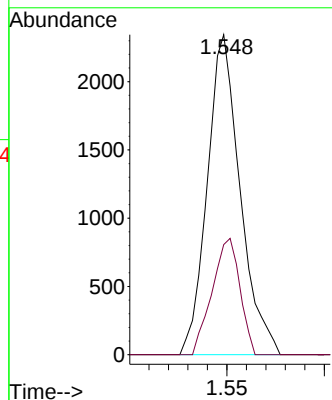
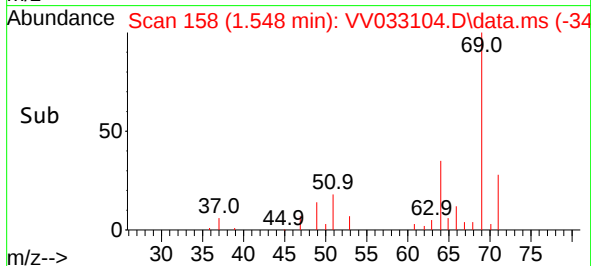


#8
Chloroethane
Concen: 2.291 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Instrument :
MSVOA_V
ClientSampleId :

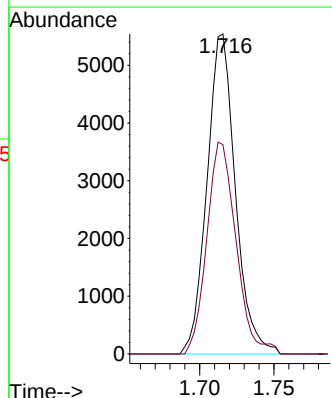
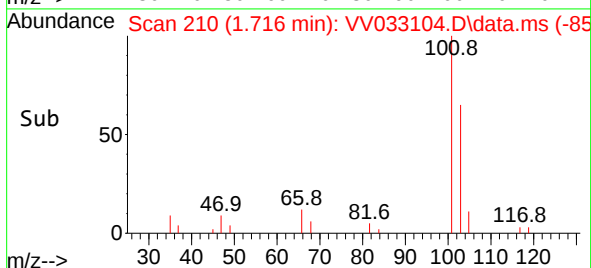
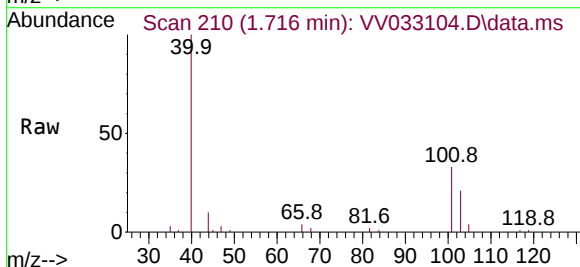


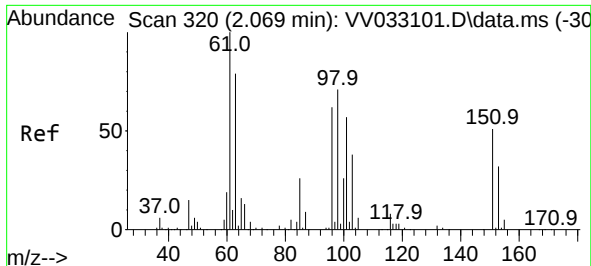
Tgt Ion: 64 Resp: 2740
Ion Ratio Lower Upper
64 100
66 34.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.988 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 101 Resp: 7371
Ion Ratio Lower Upper
101 100
103 67.3 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.770 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

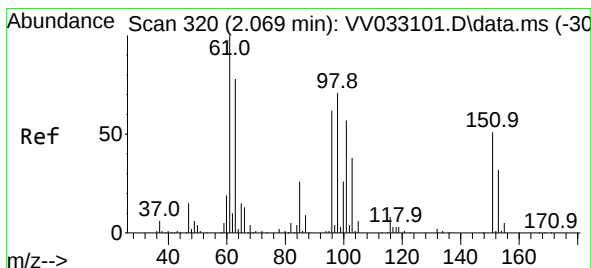
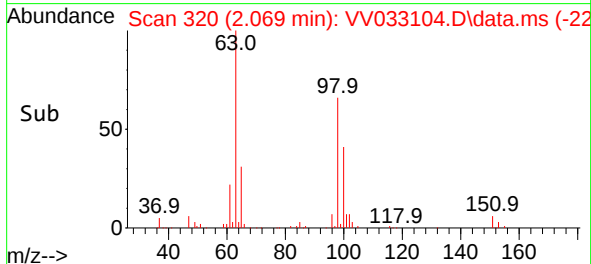
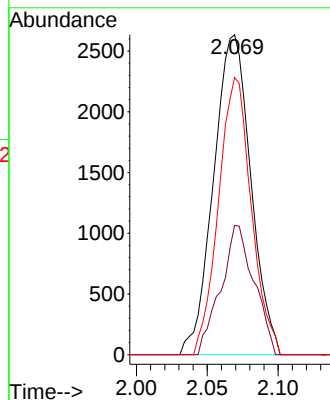
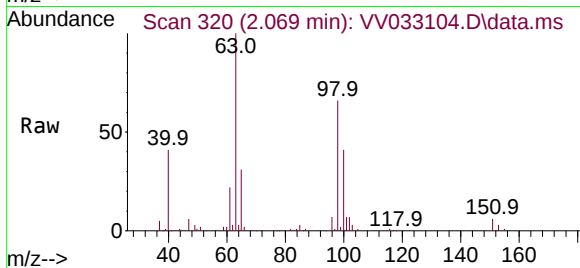
Tgt Ion:101 Resp: 4823

Ion Ratio Lower Upper

101 100

85 36.0 36.0 54.0#

151 76.2 69.1 103.7



#12

1,1-Dichloroethene

Concen: 2.703 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

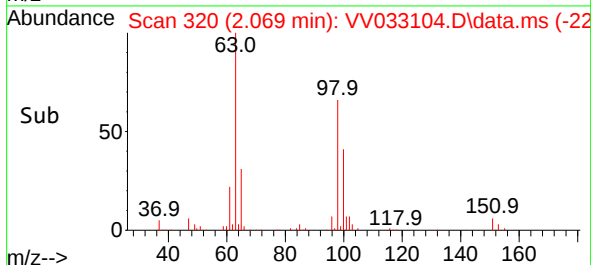
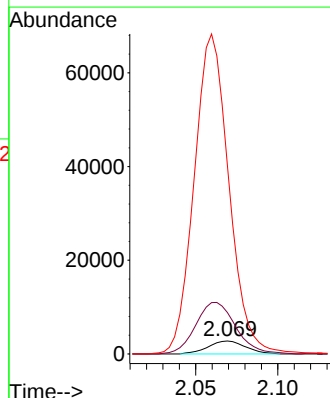
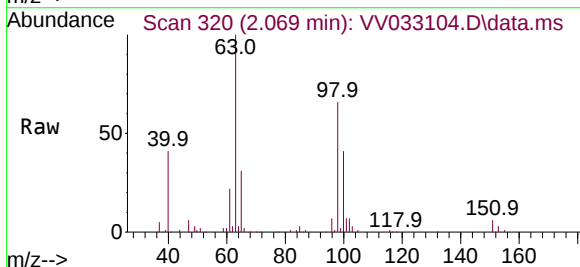
Tgt Ion: 96 Resp: 4404

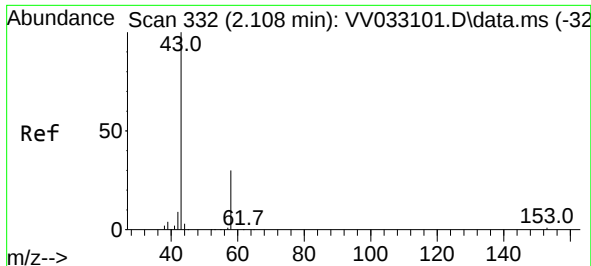
Ion Ratio Lower Upper

96 100

61 319.3 109.1 202.7#

63 1454.6 85.3 158.3#





#13

Acetone

Concen: 4.078 ug/L

RT: 2.111 min Scan# 311

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

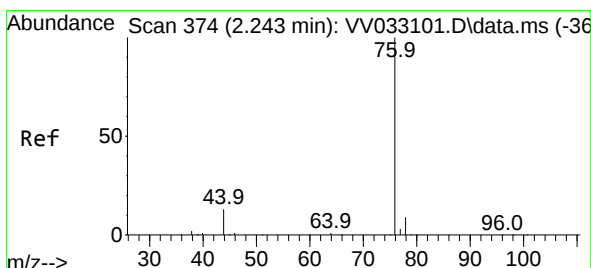
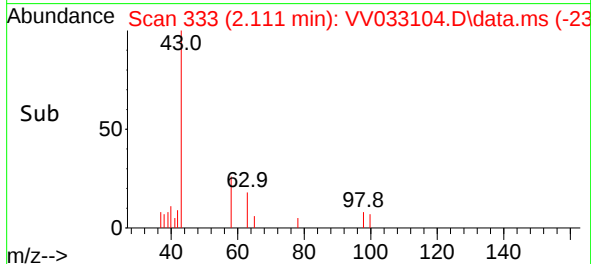
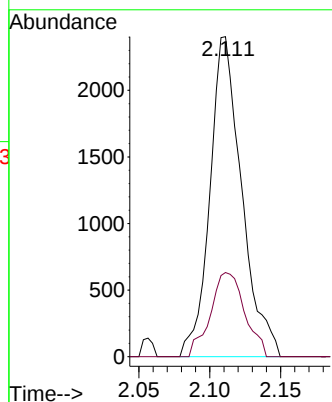
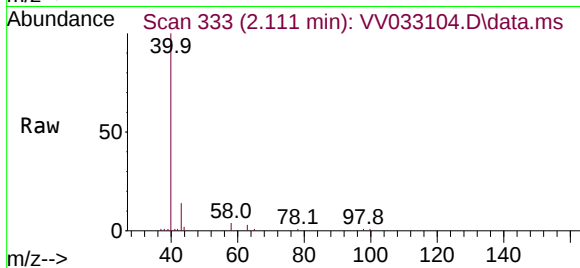
ClientSampleId :

Tgt Ion: 43 Resp: 3756

Ion Ratio Lower Upper

43 100

58 28.3 0.0 62.8



#14

Carbon disulfide

Concen: 2.033 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV033104.D

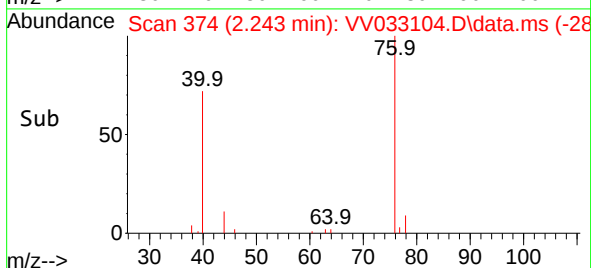
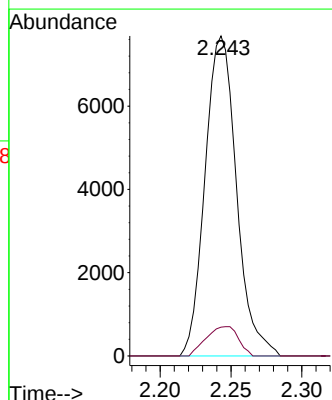
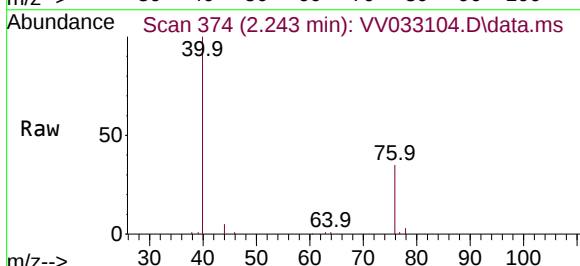
Acq: 05 Dec 2023 12:48

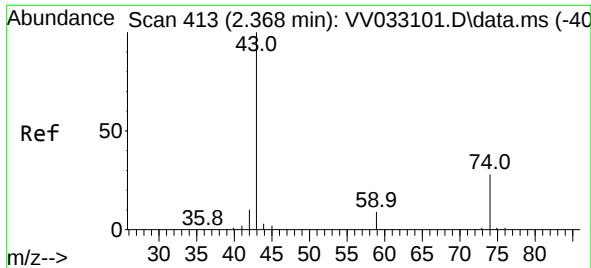
Tgt Ion: 76 Resp: 11881

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

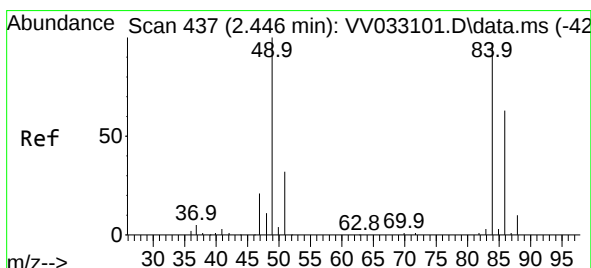
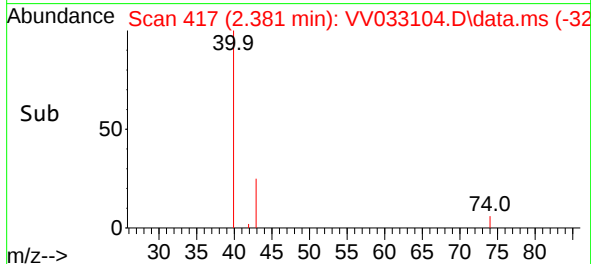
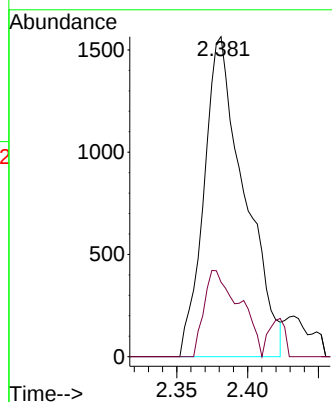
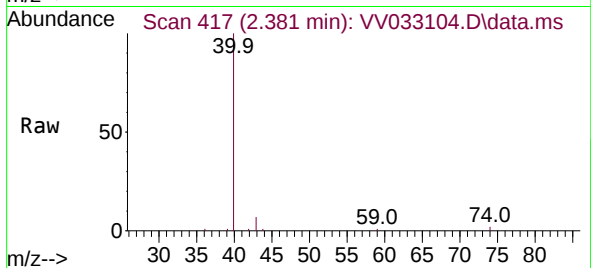




#15
Methyl Acetate
Concen: 2.027 ug/L
RT: 2.381 min Scan# 413
Delta R.T. 0.013 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

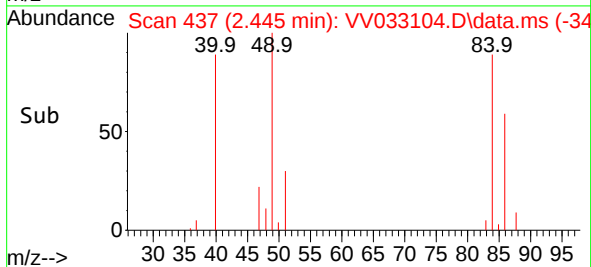
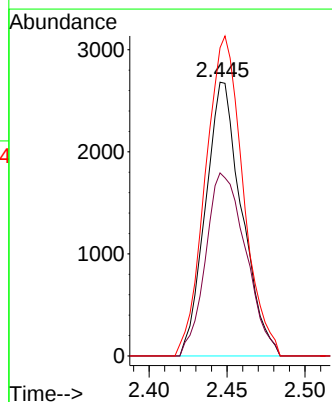
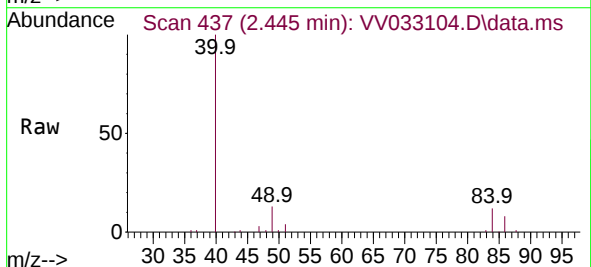
Instrument :
MSVOA_V
ClientSampleId :

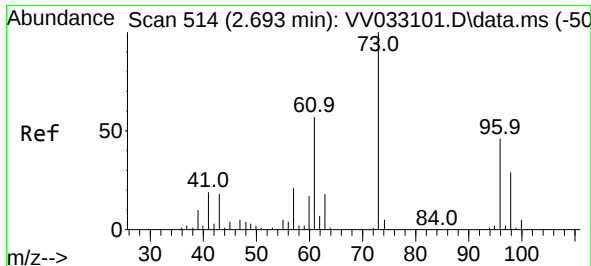
Tgt Ion: 43 Resp: 3112
Ion Ratio Lower Upper
43 100
74 17.1 22.6 33.8#



#16
Methylene chloride
Concen: 2.012 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 84 Resp: 4340
Ion Ratio Lower Upper
84 100
86 66.9 45.9 85.3
49 112.6 75.5 140.1

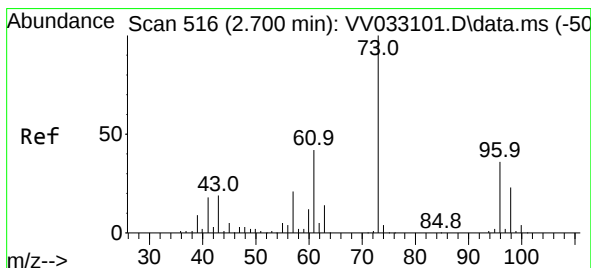
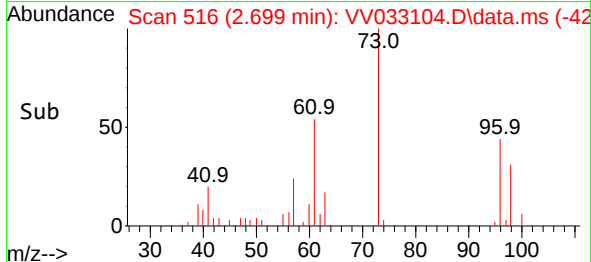
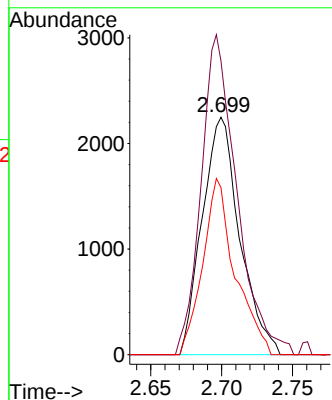
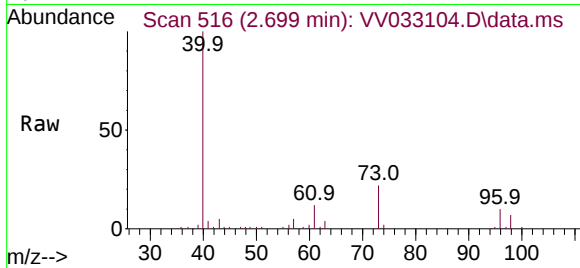




#17
trans-1,2-Dichloroethene
Concen: 1.937 ug/L
RT: 2.699 min Scan# 514
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

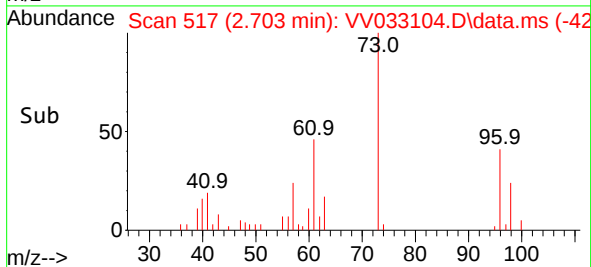
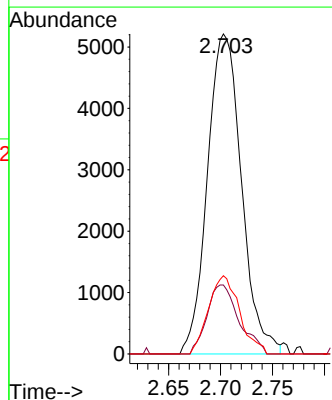
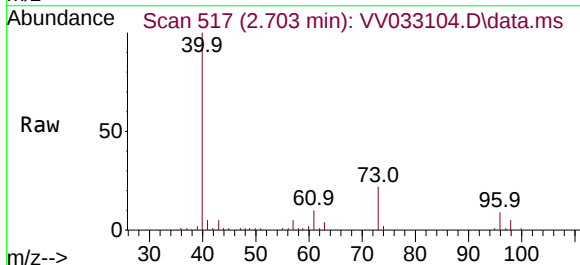
Instrument :
MSVOA_V
ClientSampleId :

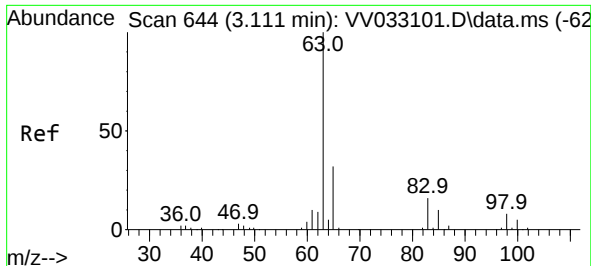
Tgt Ion: 96 Resp: 4144
Ion Ratio Lower Upper
96 100
61 123.6 86.5 160.6
98 70.3 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 1.828 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 73 Resp: 11879
Ion Ratio Lower Upper
73 100
43 20.3 15.4 23.2
57 22.3 16.1 24.1





#19

1,1-Dichloroethane

Concen: 2.025 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

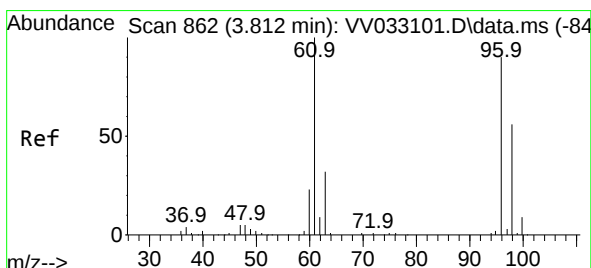
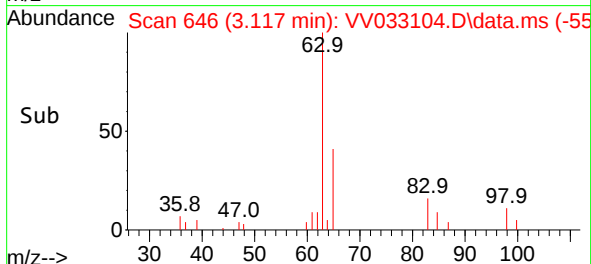
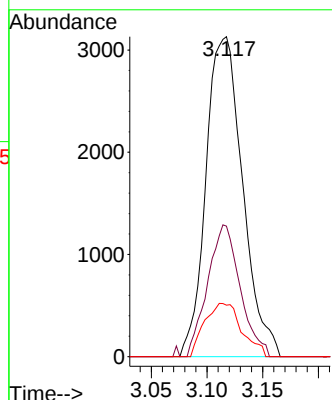
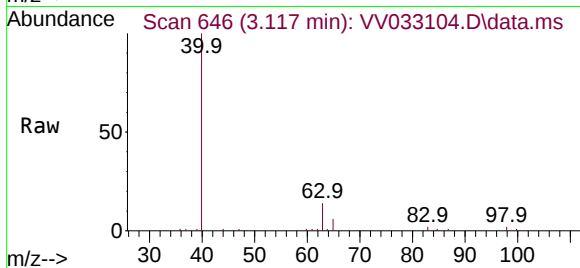
Tgt Ion: 63 Resp: 7169

Ion Ratio Lower Upper

63 100

65 40.8 23.0 42.6

83 16.1 11.4 21.2



#20

cis-1,2-Dichloroethene

Concen: 2.019 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.010 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

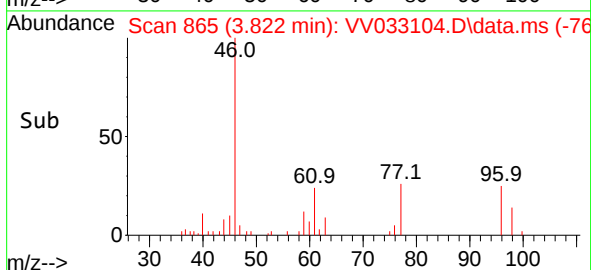
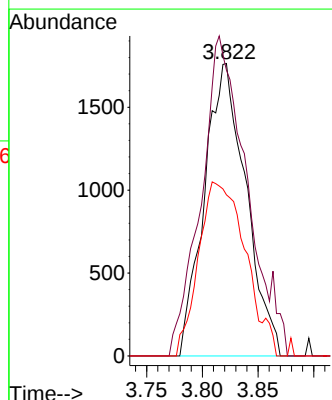
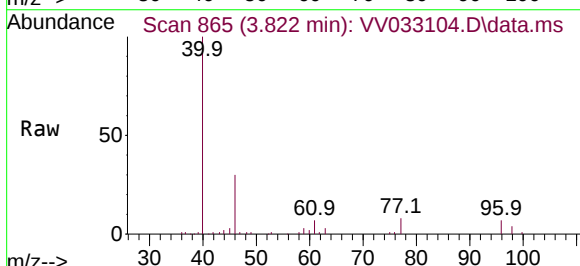
Tgt Ion: 96 Resp: 4582

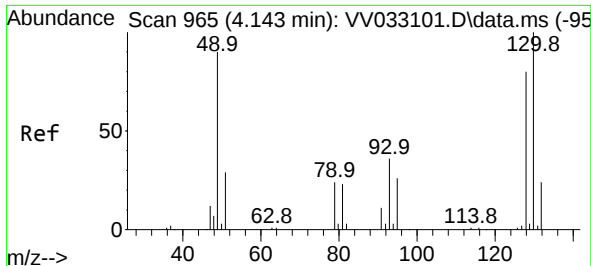
Ion Ratio Lower Upper

96 100

61 97.7 79.1 146.9

98 55.1 45.1 83.7

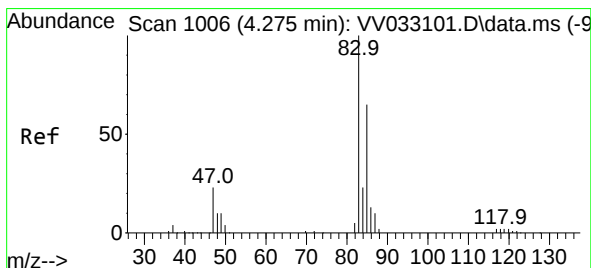
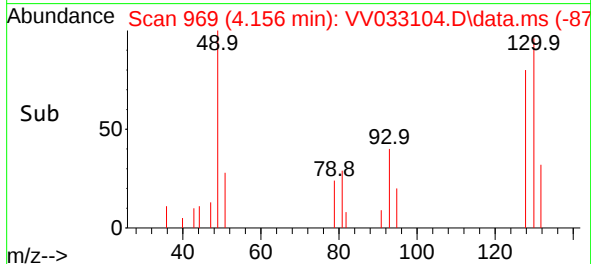
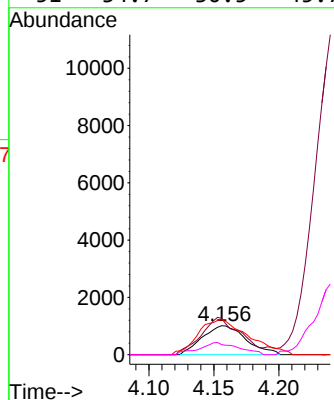
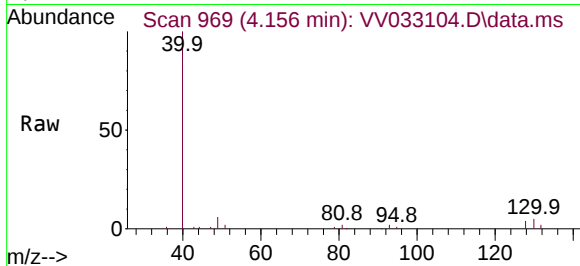




#23
Bromochloromethane
Concen: 1.818 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

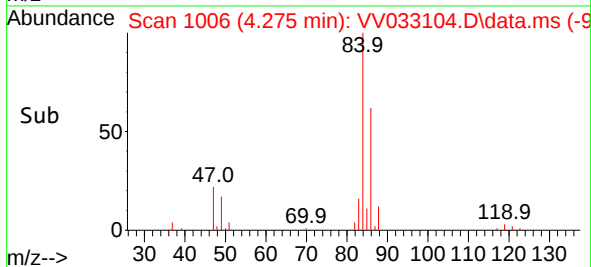
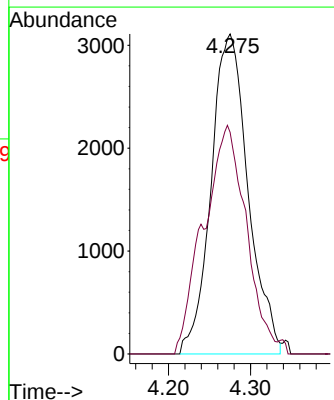
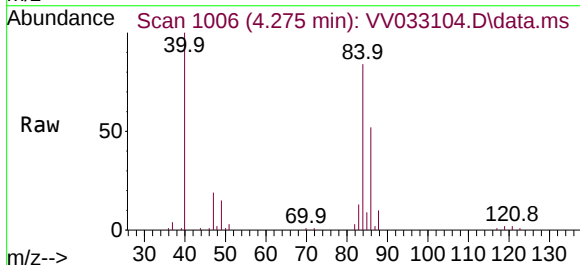
Instrument :
MSVOA_V
ClientSampleId :

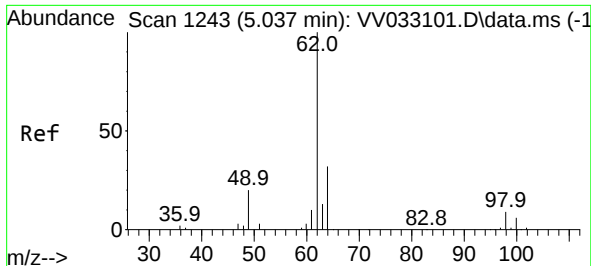
Tgt Ion:128 Resp: 2369
Ion Ratio Lower Upper
128 100
49 125.1 81.7 151.7
130 120.6 90.1 167.3
51 34.7 30.5 45.7



#25
Chloroform
Concen: 2.396 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 83 Resp: 9756
Ion Ratio Lower Upper
83 100
85 69.3 43.5 80.7





#27

1,2-Dichloroethane

Concen: 1.988 ug/L

RT: 5.053 min Scan# 1099

Delta R.T. 0.016 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

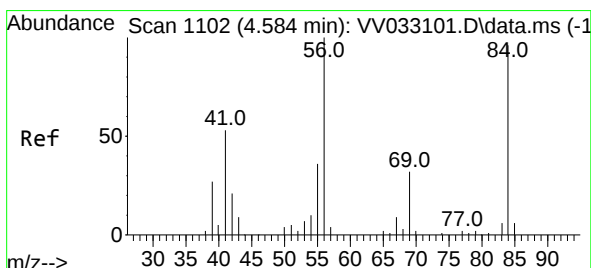
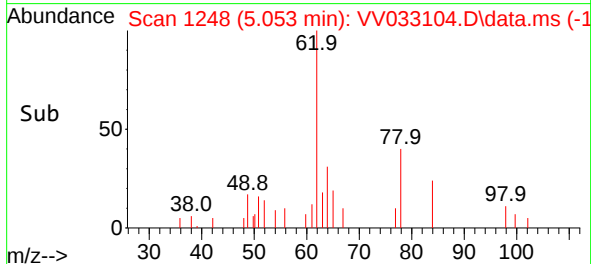
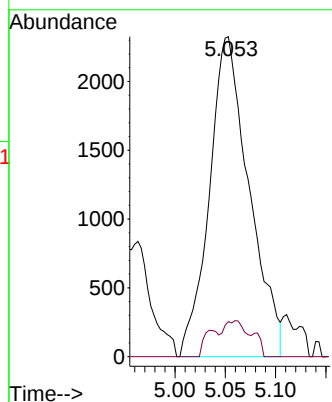
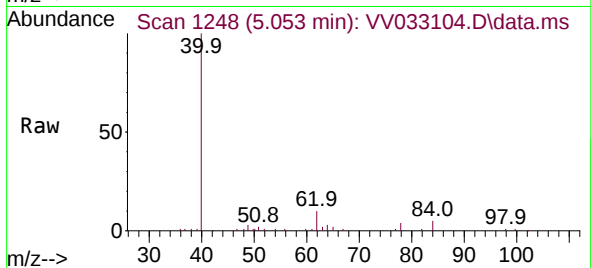
ClientSampleId :

Tgt Ion: 62 Resp: 6395

Ion Ratio Lower Upper

62 100

98 10.9 7.8 11.8



#29

Cyclohexane

Concen: 1.993 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

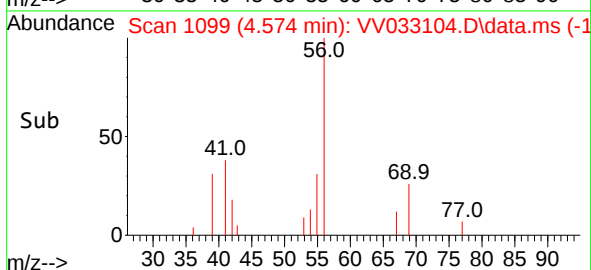
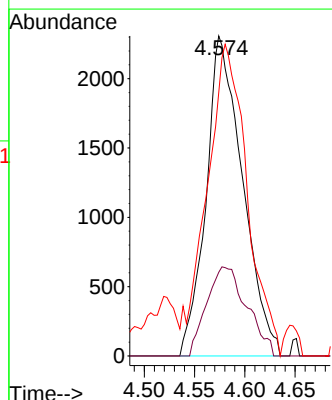
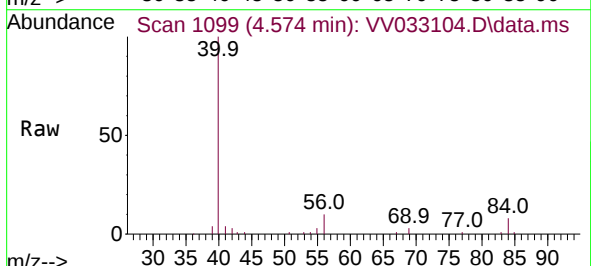
Tgt Ion: 56 Resp: 5830

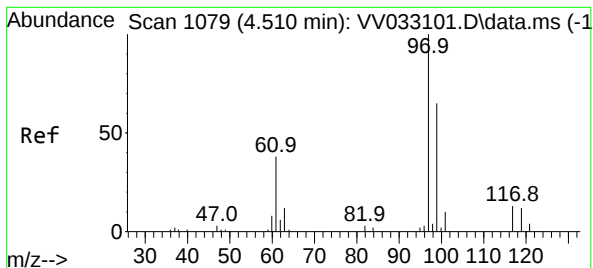
Ion Ratio Lower Upper

56 100

69 29.8 26.9 40.3

84 104.9 80.6 121.0





#30

1,1,1-Trichloroethane

Concen: 1.993 ug/L

RT: 4.510 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

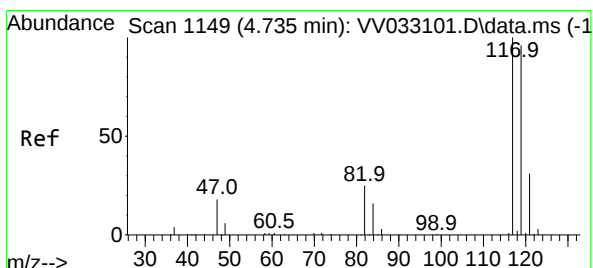
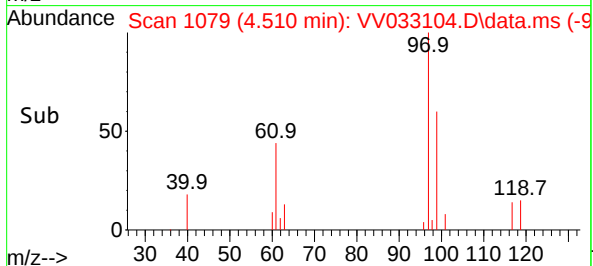
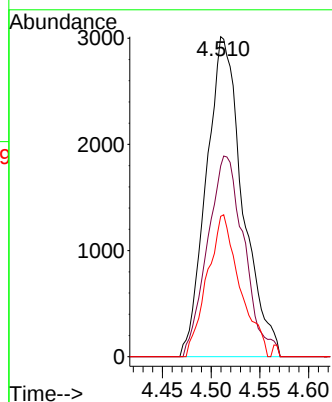
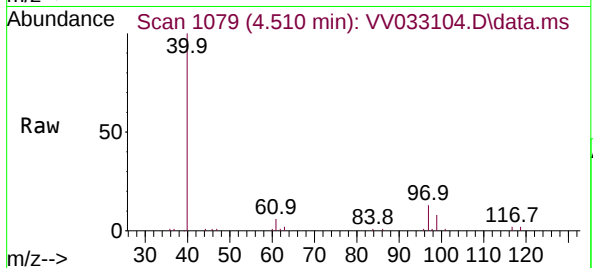
Tgt Ion: 97 Resp: 7802

Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 39.9 31.8 47.8



#31

Carbon tetrachloride

Concen: 2.234 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.007 min

Lab File: VV033104.D

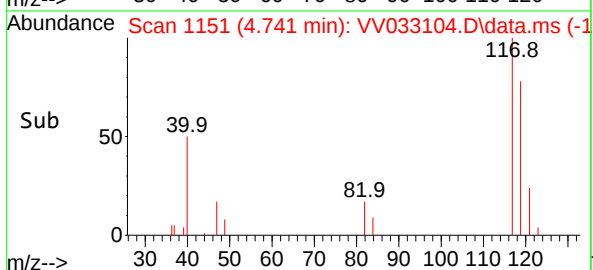
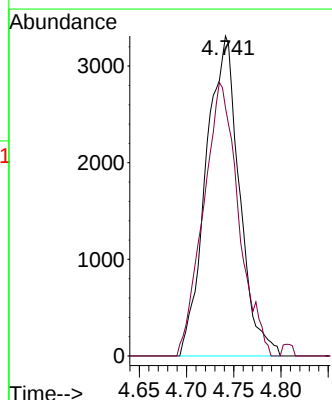
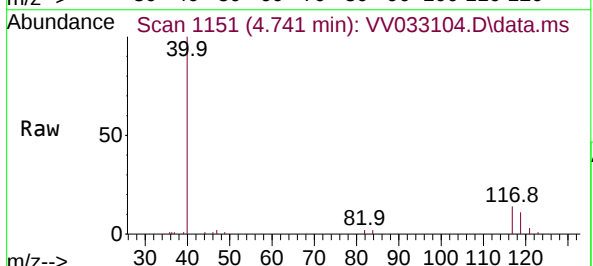
Acq: 05 Dec 2023 12:48

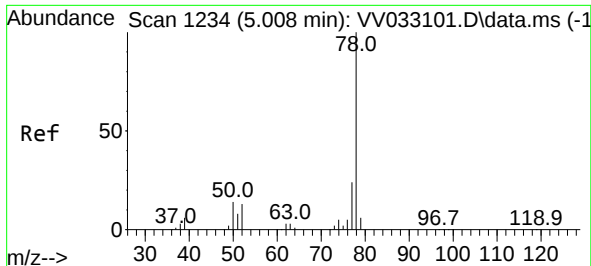
Tgt Ion: 117 Resp: 8131

Ion Ratio Lower Upper

117 100

119 89.6 77.5 116.3

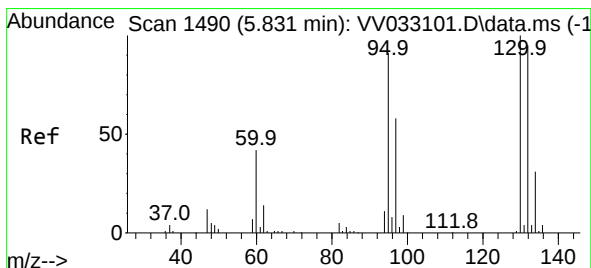
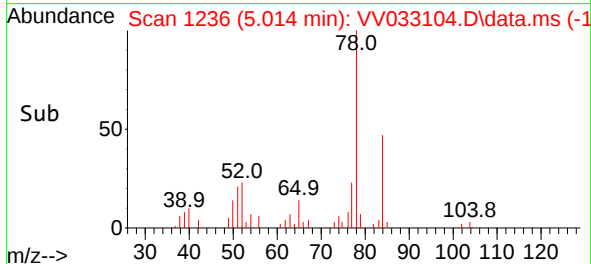
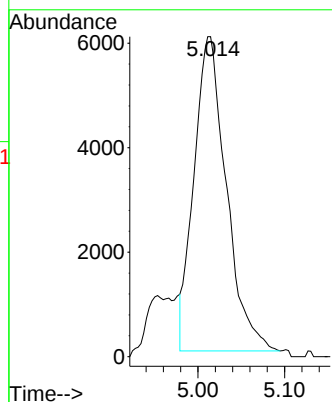
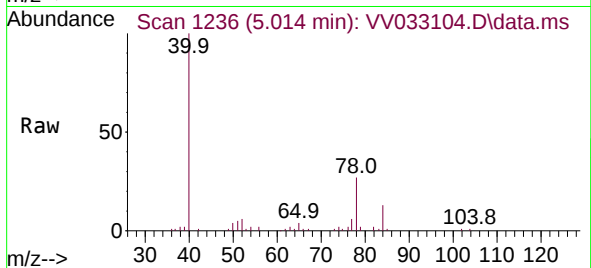




#33
Benzene
Concen: 1.940 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Instrument :
MSVOA_V
ClientSampleId :

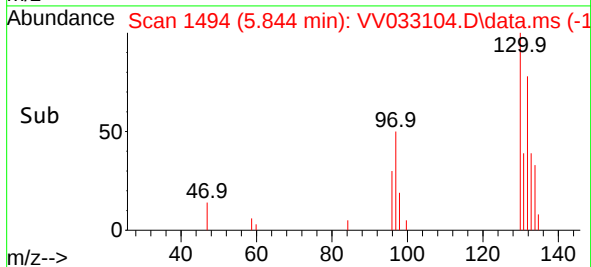
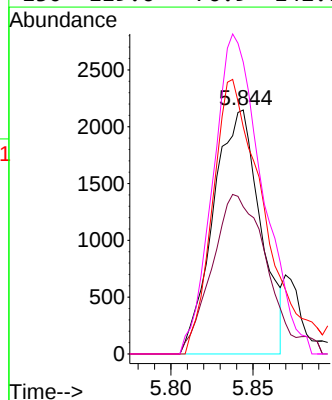
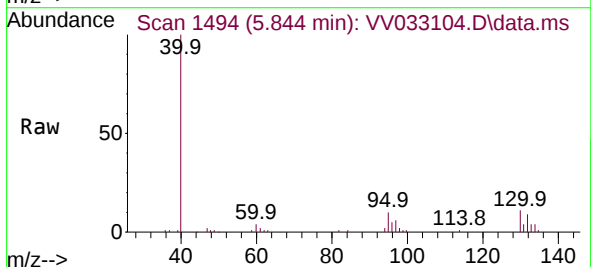
Tgt Ion: 78 Resp: 15571

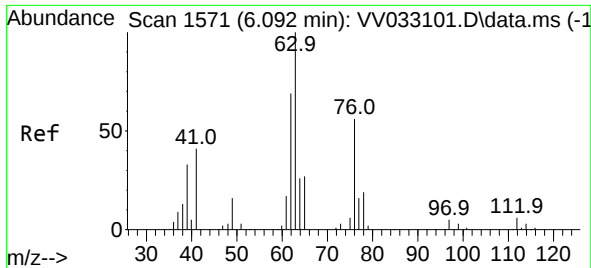


#34
Trichloroethene
Concen: 1.788 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 95 Resp: 4286

Ion	Ratio	Lower	Upper
95	100		
97	60.3	45.8	85.0
132	93.0	77.4	143.8
130	119.6	76.9	142.7

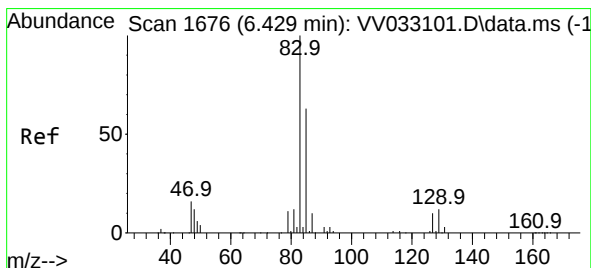
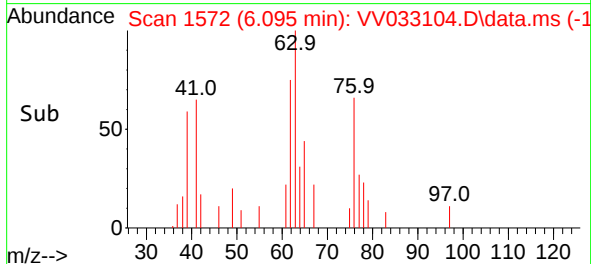
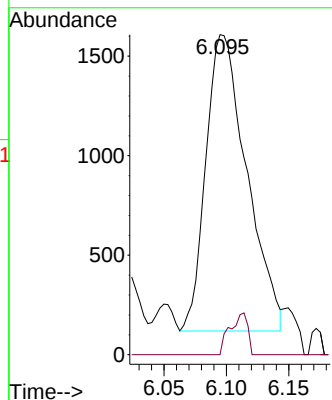
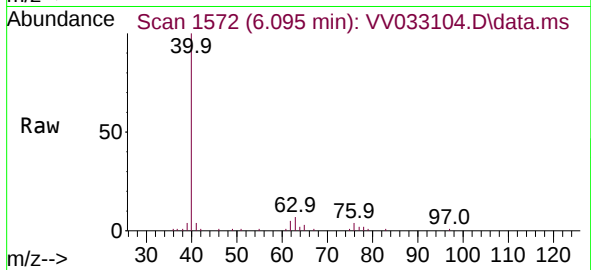




#37
1,2-Dichloropropane
Concen: 1.829 ug/L
RT: 6.095 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

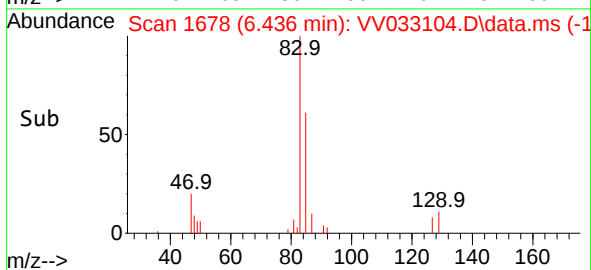
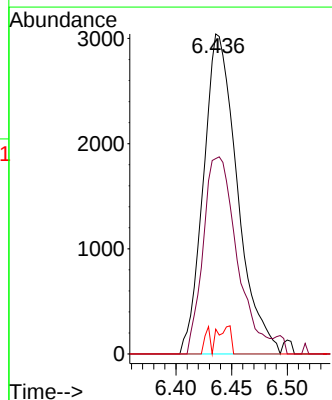
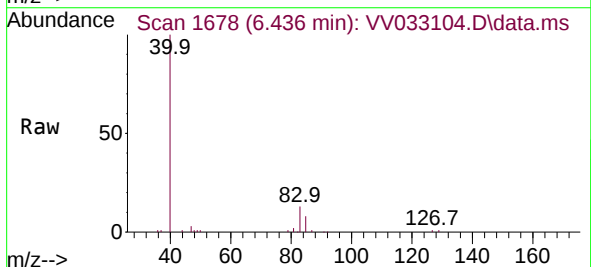
Instrument :
MSVOA_V
ClientSampleId :

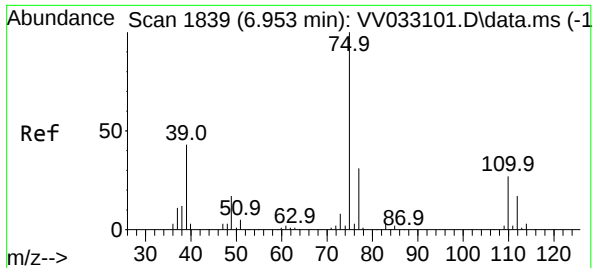
Tgt Ion: 63 Resp: 3397
Ion Ratio Lower Upper
63 100
112 2.1 4.6 6.8#



#38
Bromodichloromethane
Concen: 2.153 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion: 83 Resp: 6447
Ion Ratio Lower Upper
83 100
85 61.1 45.6 84.6
127 7.8 7.4 11.2

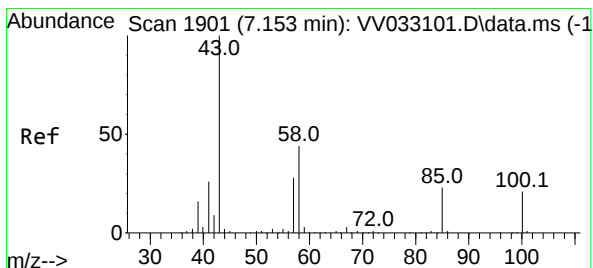
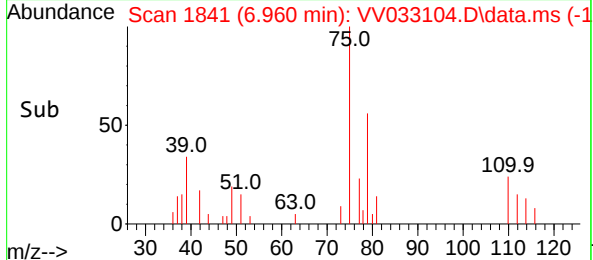
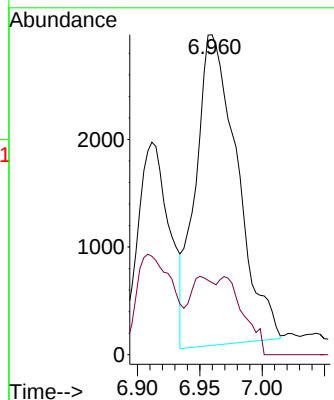
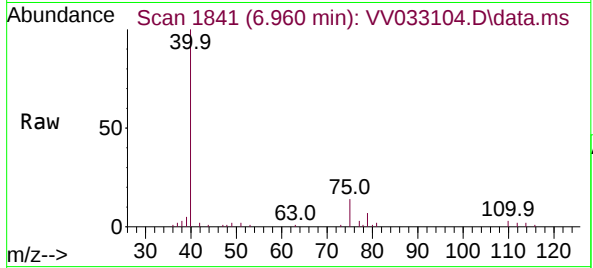




#39
 cis-1,3-Dichloropropene
 Concen: 1.984 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.010 min
 Lab File: VV033104.D
 Acq: 05 Dec 2023 12:48

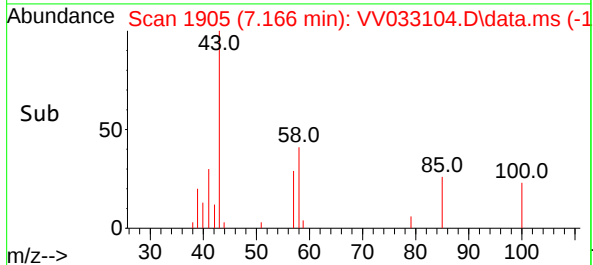
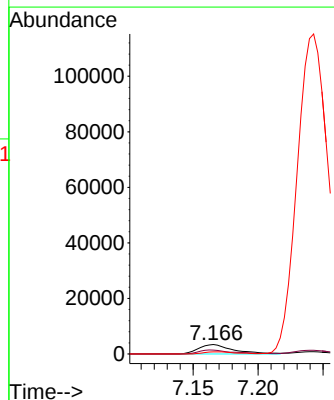
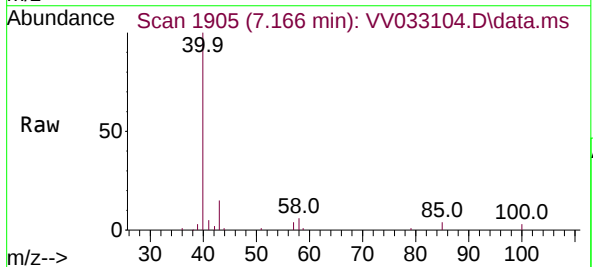
Instrument :
 MSVOA_V
 ClientSampleId :

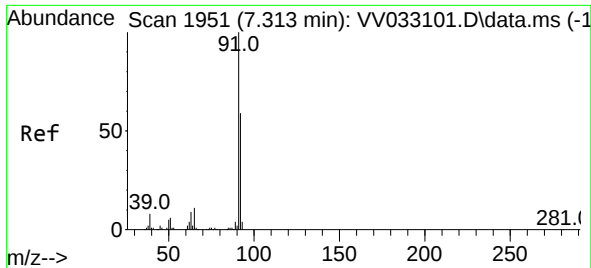
Tgt Ion: 75 Resp: 6687
 Ion Ratio Lower Upper
 75 100
 77 22.5 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 3.196 ug/L
 RT: 7.166 min Scan# 1905
 Delta R.T. 0.013 min
 Lab File: VV033104.D
 Acq: 05 Dec 2023 12:48

Tgt Ion: 43 Resp: 6303
 Ion Ratio Lower Upper
 43 100
 58 41.7 34.5 51.7
 100 20.5 17.0 25.6





#42

Toluene

Concen: 1.984 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

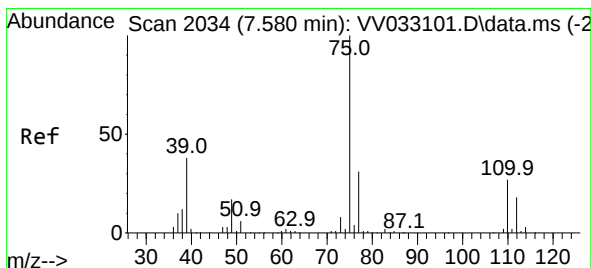
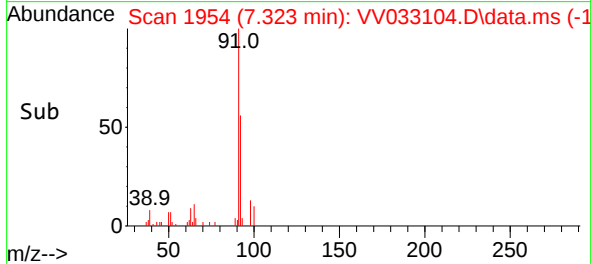
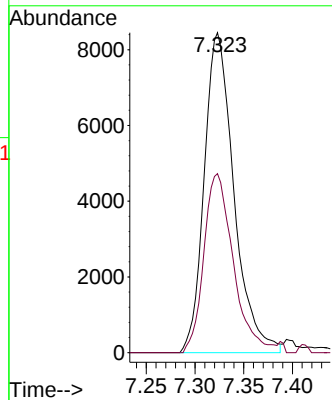
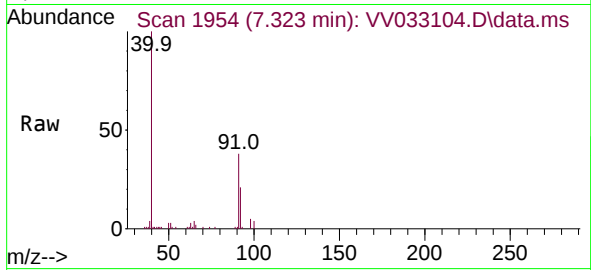
ClientSampleId :

Tgt Ion: 91 Resp: 17940

Ion Ratio Lower Upper

91 100

92 55.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 1.904 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV033104.D

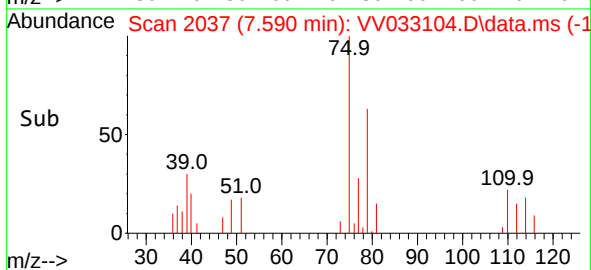
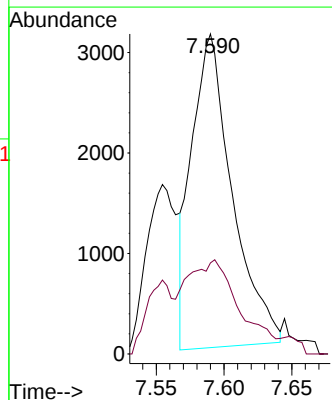
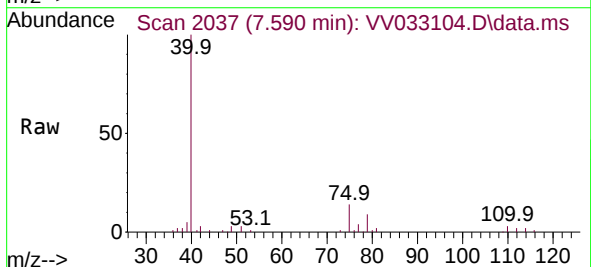
Acq: 05 Dec 2023 12:48

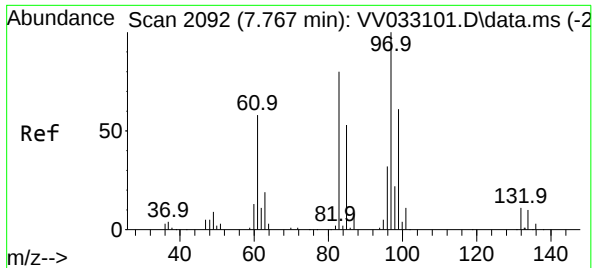
Tgt Ion: 75 Resp: 6488

Ion Ratio Lower Upper

75 100

77 28.4 22.0 41.0

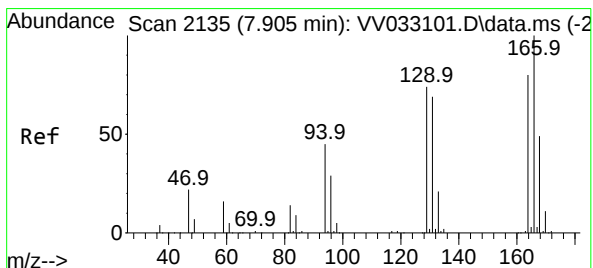
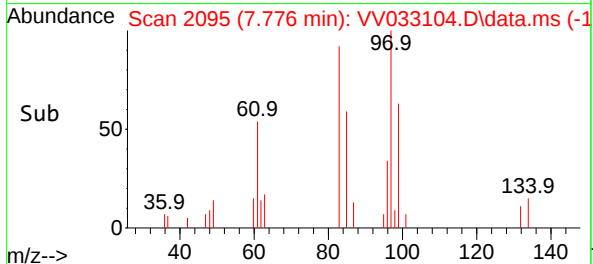
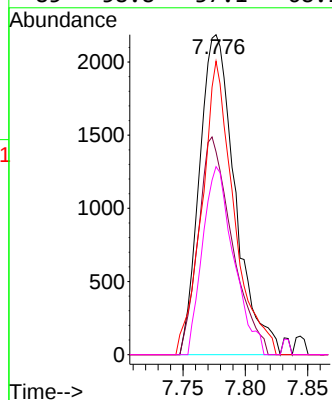
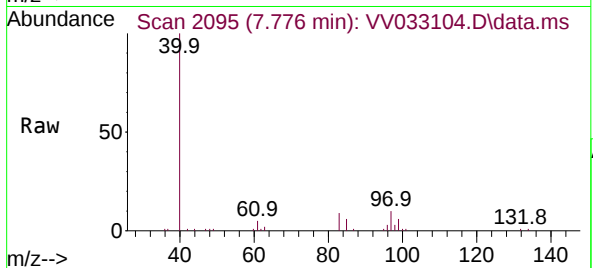




#45
1,1,2-Trichloroethane
Concen: 2.020 ug/L
RT: 7.776 min Scan# 2092
Delta R.T. 0.010 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

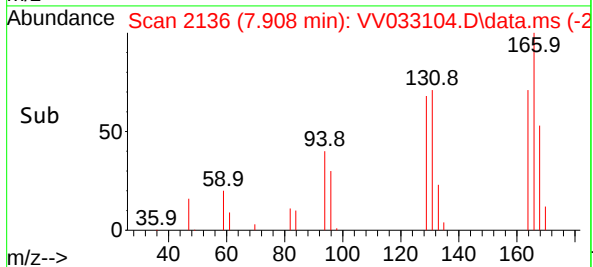
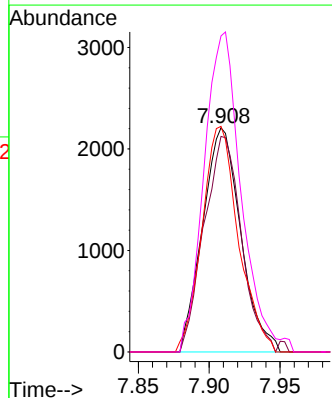
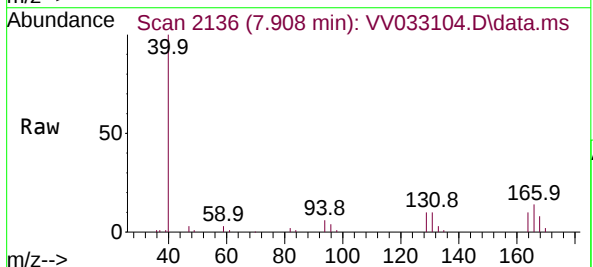
Instrument :
MSVOA_V
ClientSampleId :

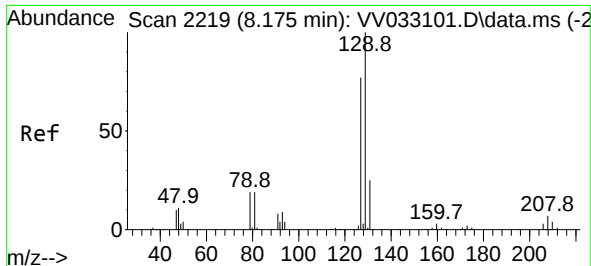
Tgt Ion:	97	Resp:	4350
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.2	80.2
83	91.7	55.8	103.6
85	58.8	37.1	68.9



#46
Tetrachloroethene
Concen: 2.003 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion:	164	Resp:	4128
Ion	Ratio	Lower	Upper
164	100		
129	96.1	65.6	121.8
131	100.6	64.7	120.1
166	141.0	89.4	166.0





#49

Dibromochloromethane

Concen: 1.963 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

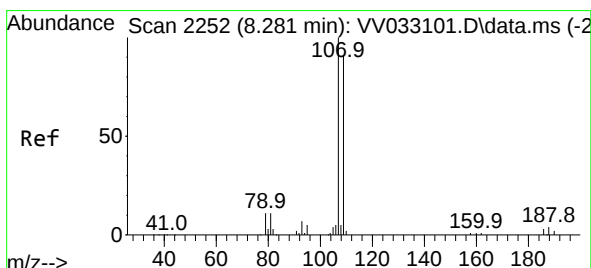
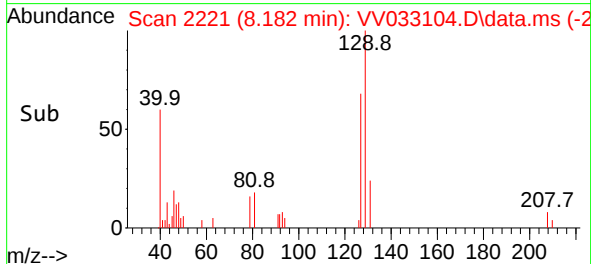
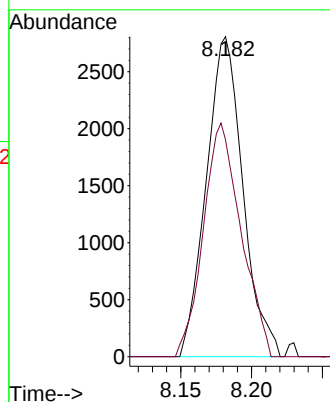
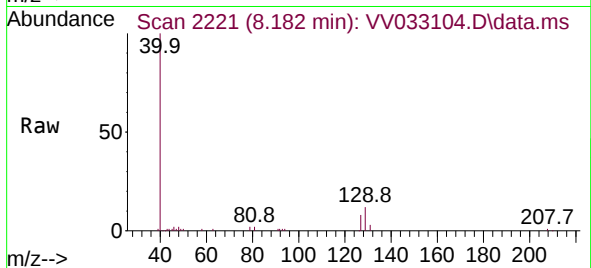
ClientSampleId :

Tgt Ion:129 Resp: 5046

Ion Ratio Lower Upper

129 100

127 67.9 54.1 100.5



#50

1,2-Dibromoethane

Concen: 1.980 ug/L

RT: 8.291 min Scan# 2255

Delta R.T. 0.010 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

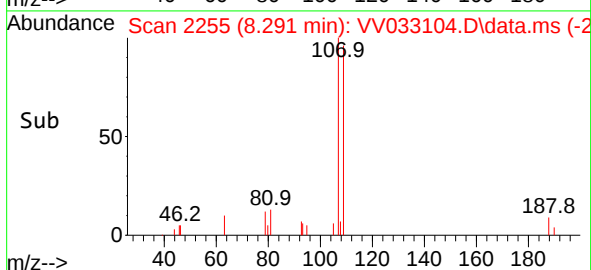
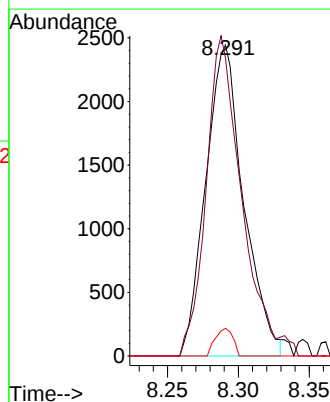
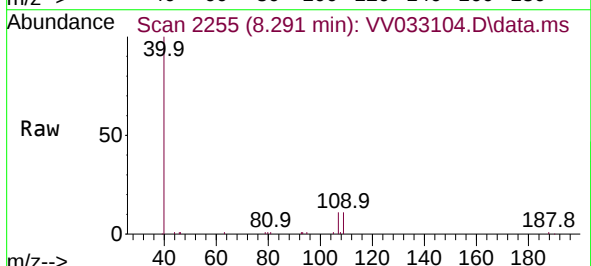
Tgt Ion:107 Resp: 4546

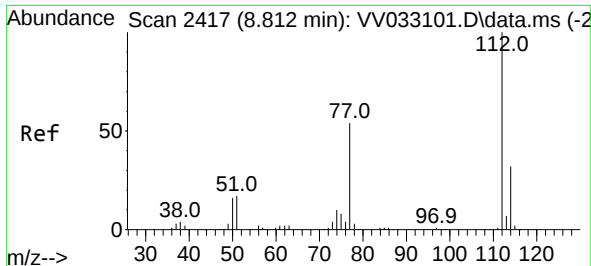
Ion Ratio Lower Upper

107 100

109 89.3 65.2 121.2

188 8.3 3.8 5.6#

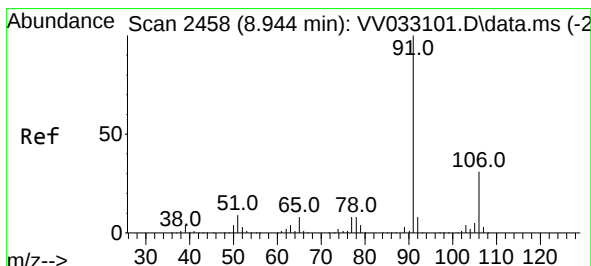
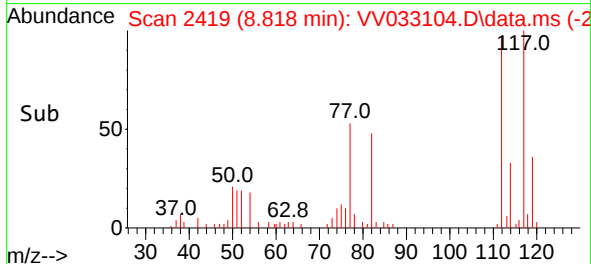
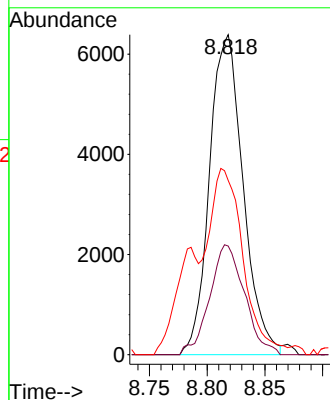
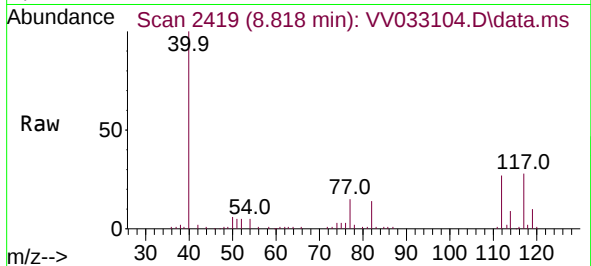




#51
Chlorobenzene
Concen: 2.038 ug/L
RT: 8.818 min Scan# 2417
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

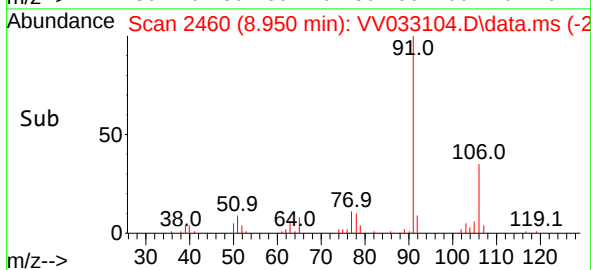
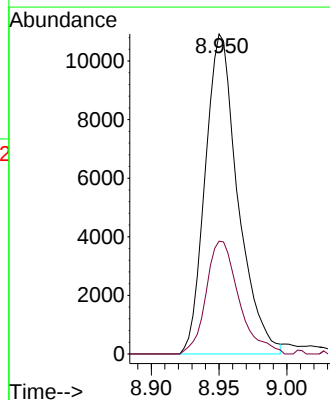
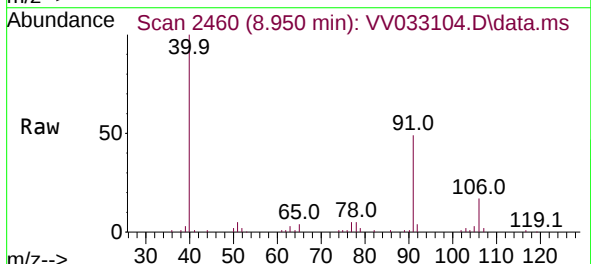
Instrument :
MSVOA_V
ClientSampleId :

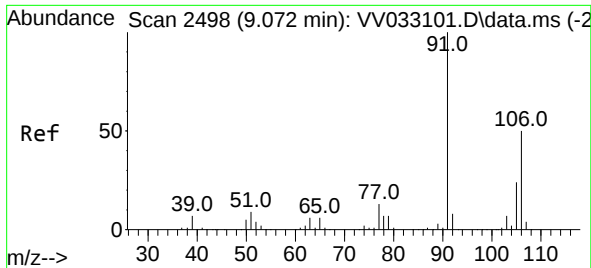
Tgt Ion:	112	Resp:	12959
Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.9	42.5
77	54.4	42.6	64.0



#52
Ethylbenzene
Concen: 1.763 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion:	91	Resp:	18353
Ion	Ratio	Lower	Upper
91	100		
106	35.2	22.6	42.0

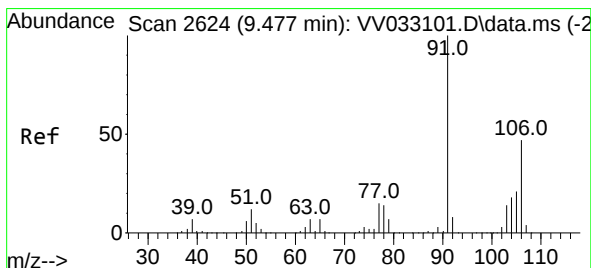
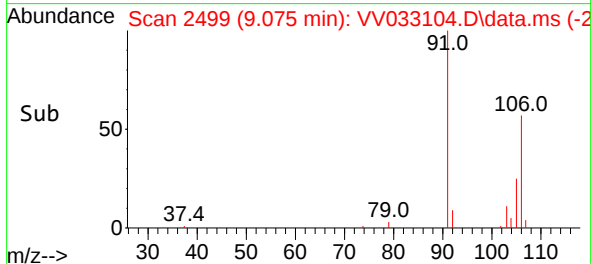
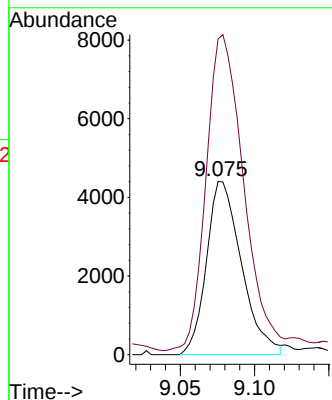
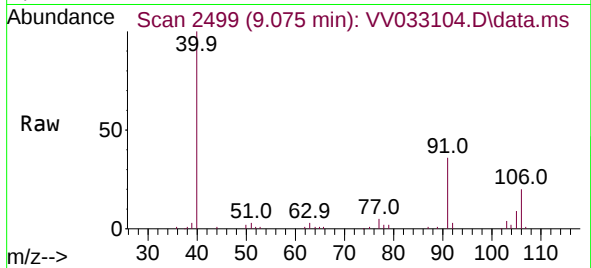




#53
m,p-Xylene
Concen: 1.753 ug/L
RT: 9.075 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

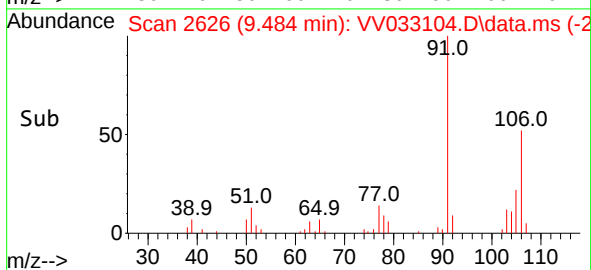
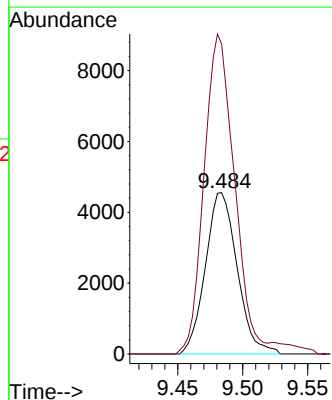
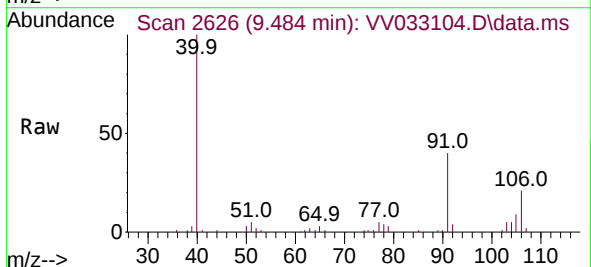
Instrument :
MSVOA_V
ClientSampleId :

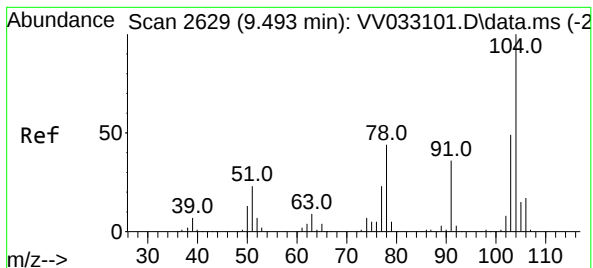
Tgt Ion:106 Resp: 7227
Ion Ratio Lower Upper
106 100
91 182.2 145.2 269.6



#54
o-Xylene
Concen: 1.902 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion:106 Resp: 7736
Ion Ratio Lower Upper
106 100
91 192.2 147.8 274.6





#55

Styrene

Concen: 1.612 ug/L

RT: 9.503 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

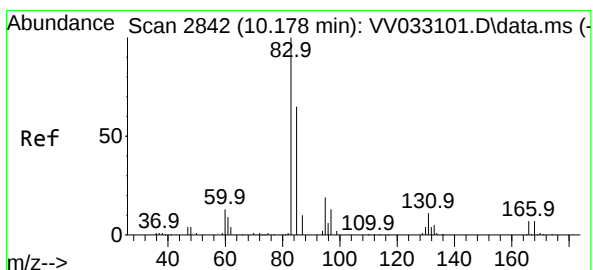
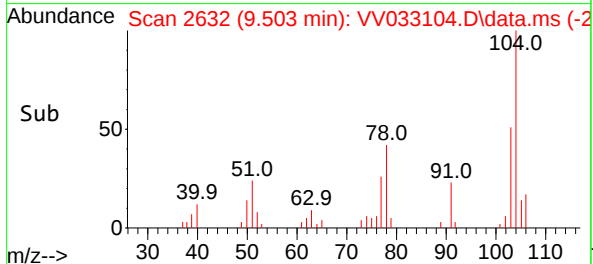
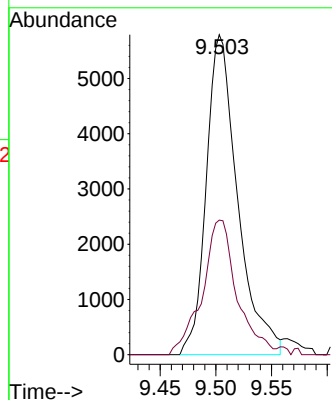
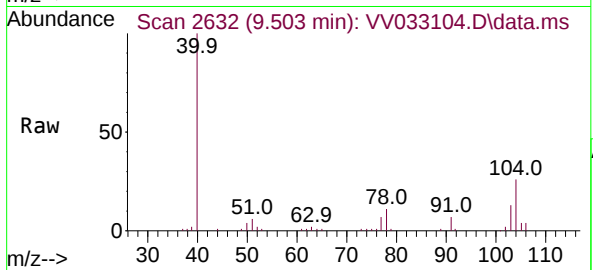
ClientSampleId :

Tgt Ion:104 Resp: 11347

Ion Ratio Lower Upper

104 100

78 42.0 30.2 56.0



#57

1,1,2,2-Tetrachloroethane

Concen: 2.156 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.003 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

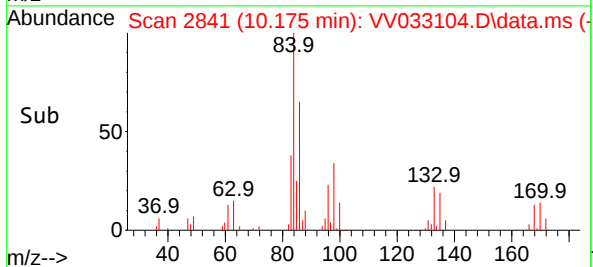
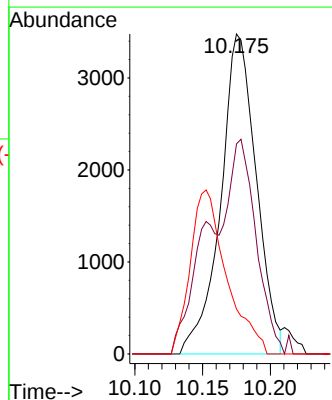
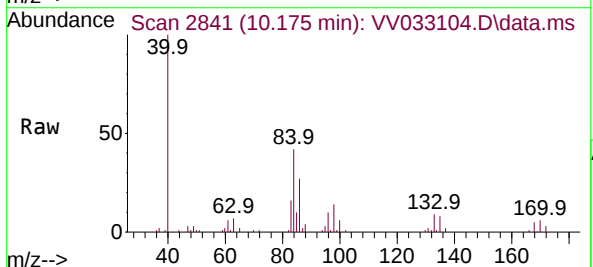
Tgt Ion: 83 Resp: 6344

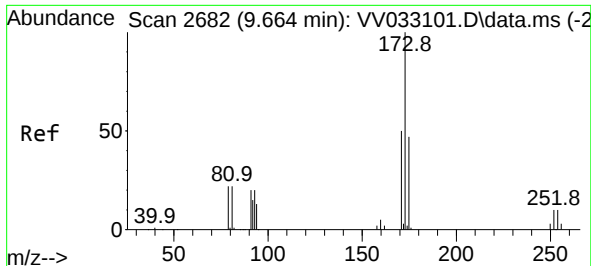
Ion Ratio Lower Upper

83 100

85 65.7 45.5 84.5

131 14.0 9.7 14.5





#59

Bromoform

Concen: 1.938 ug/L

RT: 9.673 min Scan# 2

Delta R.T. 0.010 min

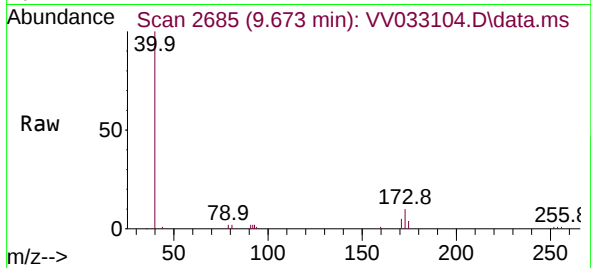
Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

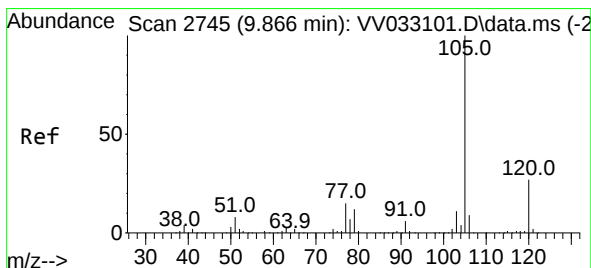
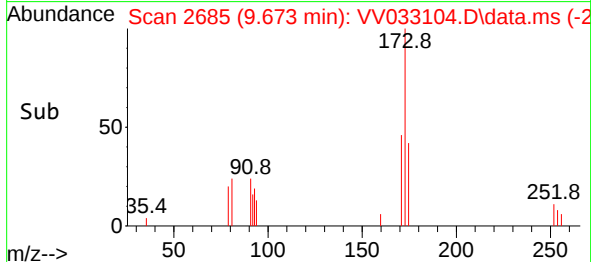
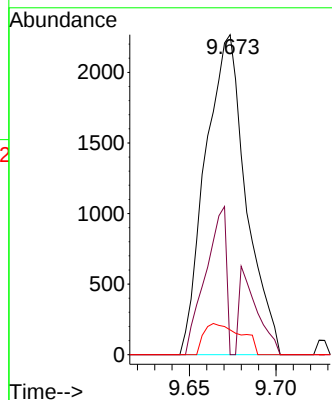
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	173	Resp:	3690
Ion	Ratio	Lower	Upper
173	100		
175	23.5	38.7	58.1#
254	7.5	8.0	12.0#



#60

Isopropylbenzene

Concen: 1.879 ug/L

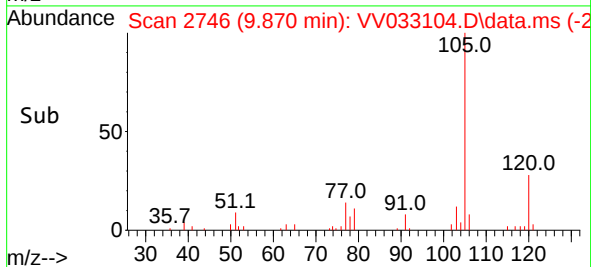
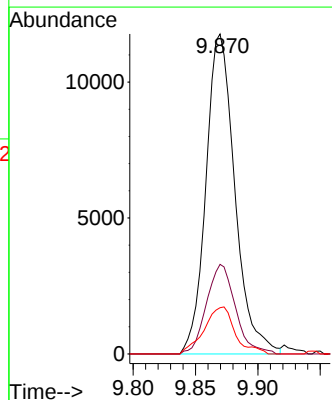
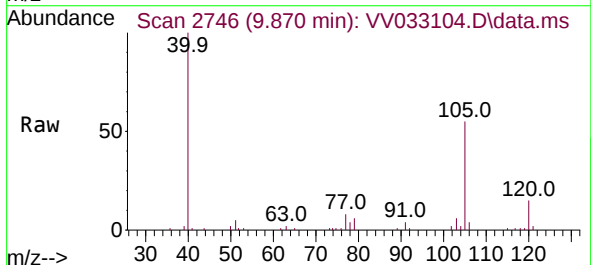
RT: 9.870 min Scan# 2746

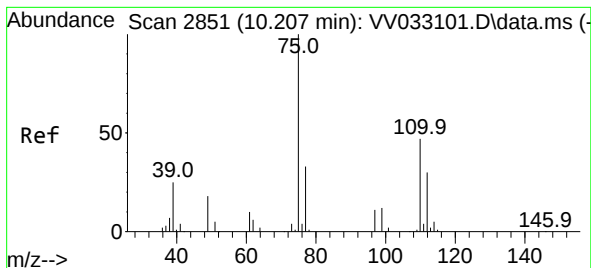
Delta R.T. 0.003 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Tgt Ion:	105	Resp:	19011
Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.3	31.9
77	15.7	12.0	18.0





#61

1,2,3-Trichloropropane

Concen: 1.934 ug/L

RT: 10.214 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV033104.D

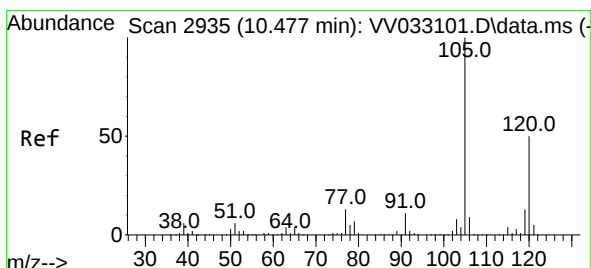
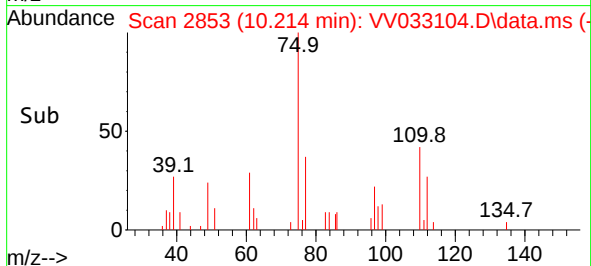
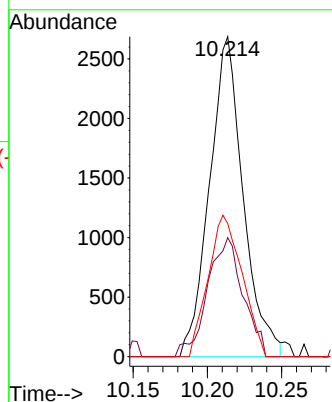
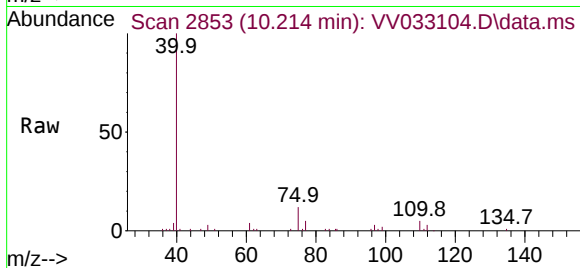
Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp: 4232
Ion Ratio	Lower Upper
75 100	
77 37.8	27.0 40.6
110 44.7	38.1 57.1



#62

1,3,5-Trimethylbenzene

Concen: 1.724 ug/L

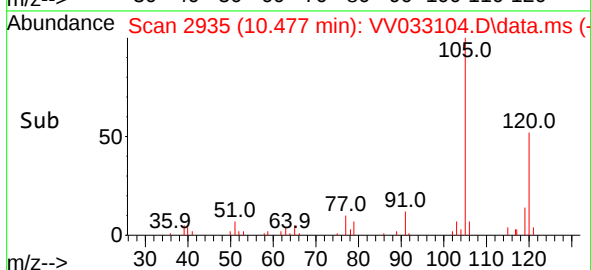
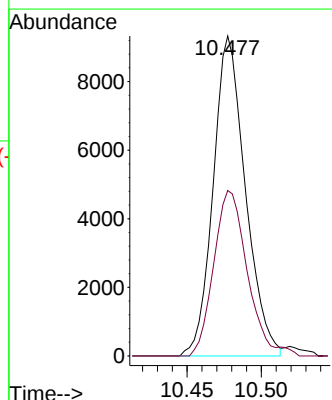
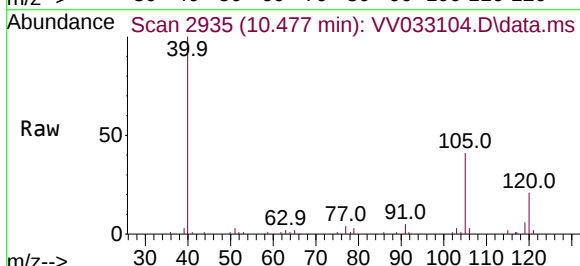
RT: 10.477 min Scan# 2935

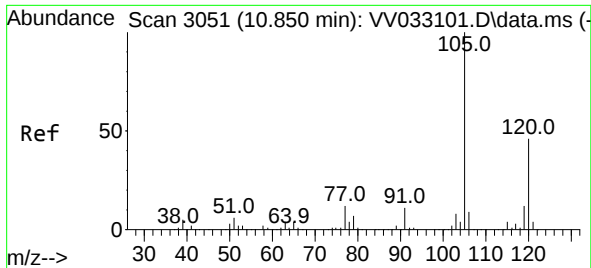
Delta R.T. 0.000 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Tgt Ion: 105	Resp: 14052
Ion Ratio	Lower Upper
105 100	
120 52.9	39.7 59.5

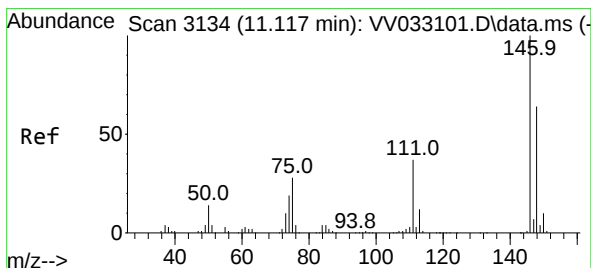
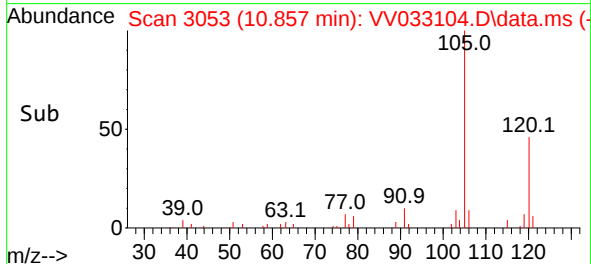
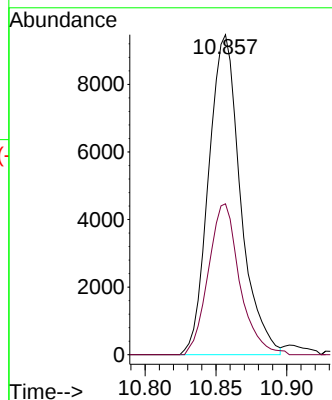
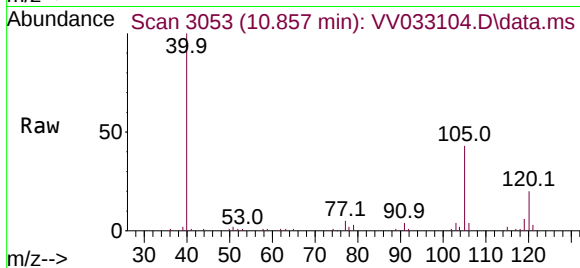




#63
1,2,4-Trimethylbenzene
Concen: 1.744 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

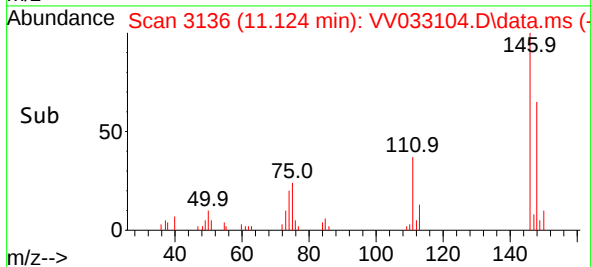
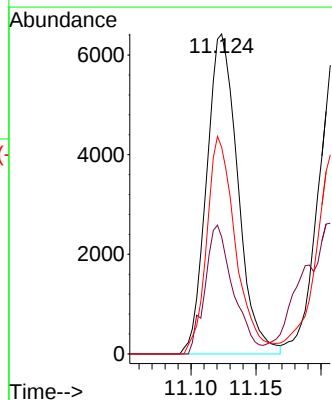
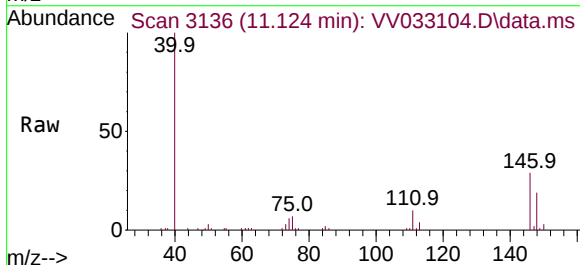
Instrument :
MSVOA_V
ClientSampleId :

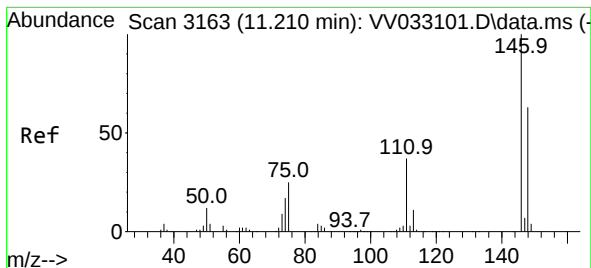
Tgt Ion:105 Resp: 14802
Ion Ratio Lower Upper
105 100
120 46.5 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 1.989 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

Tgt Ion:146 Resp: 10749
Ion Ratio Lower Upper
146 100
111 36.5 26.2 48.6
148 64.6 44.5 82.7





#65

1,4-Dichlorobenzene

Concen: 2.078 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

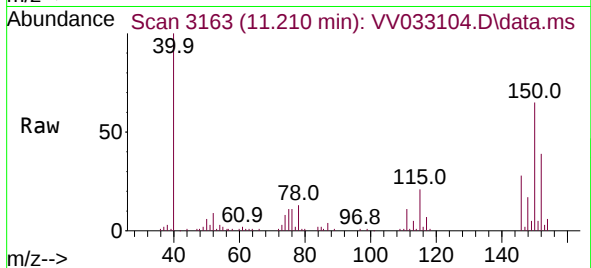
Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :



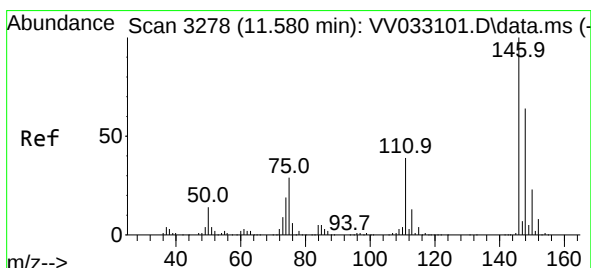
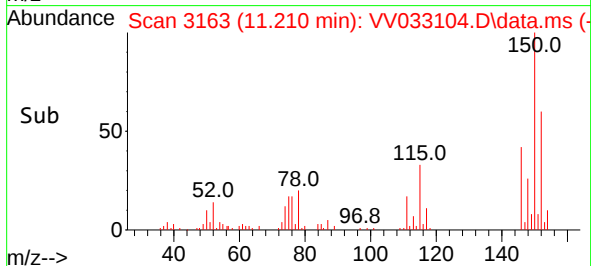
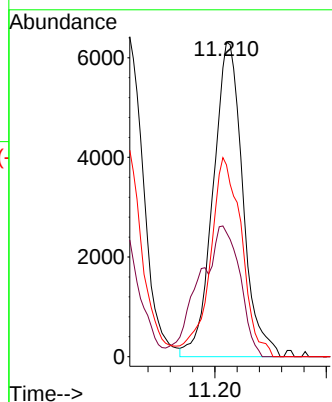
Tgt Ion:146 Resp: 11665

Ion Ratio Lower Upper

146 100

111 39.5 25.9 48.1

148 61.0 44.9 83.5



#67

1,2-Dichlorobenzene

Concen: 2.162 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

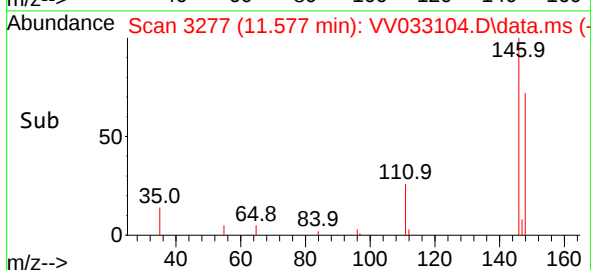
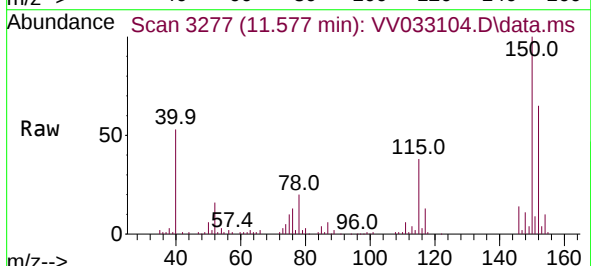
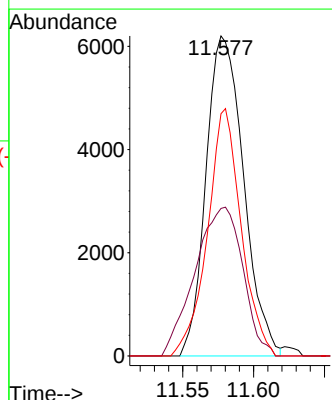
Tgt Ion:146 Resp: 11455

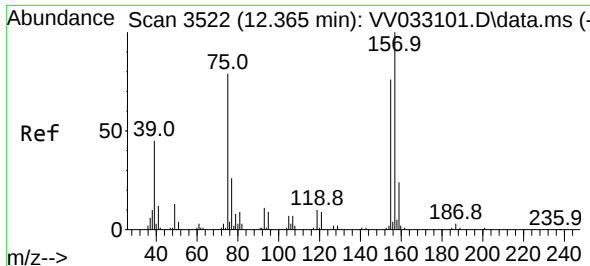
Ion Ratio Lower Upper

146 100

111 46.1 32.4 48.6

148 75.7 51.8 77.8





#68

1,2-Dibromo-3-chloropropane

Concen: 1.980 ug/L

RT: 12.371 min Scan# 3522

Delta R.T. 0.007 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

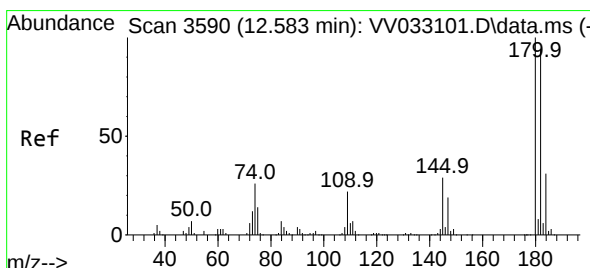
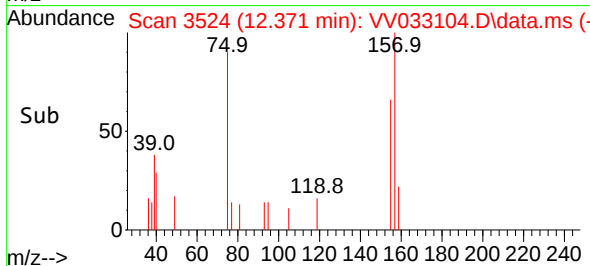
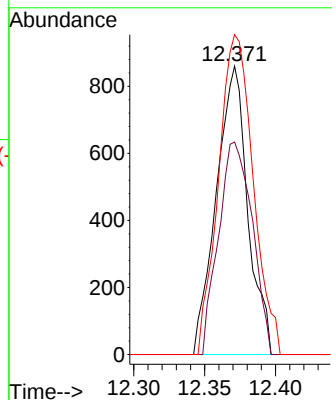
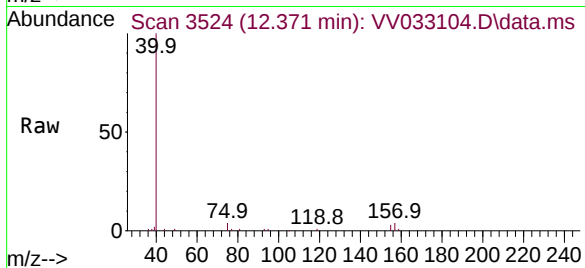
Tgt Ion: 75 Resp: 1329

Ion Ratio Lower Upper

75 100

155 73.7 75.8 113.6#

157 110.9 95.4 143.0



#69

1,3,5-Trichlorobenzene

Concen: 2.003 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

Lab File: VV033104.D

Acq: 05 Dec 2023 12:48

Tgt Ion:180 Resp: 8672

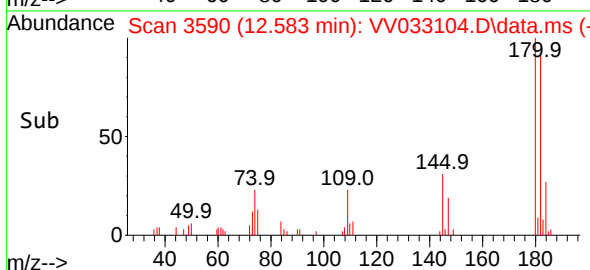
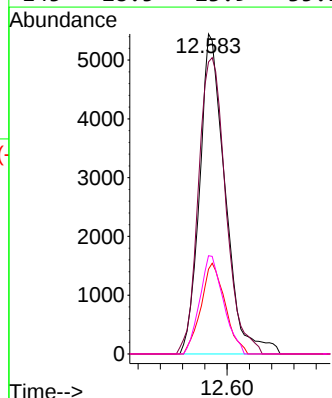
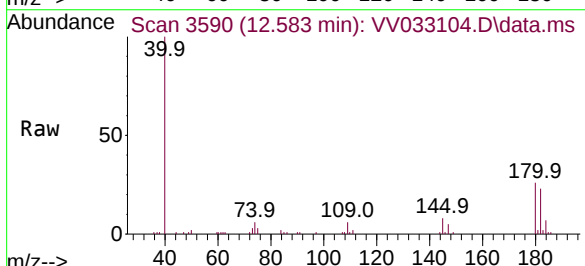
Ion Ratio Lower Upper

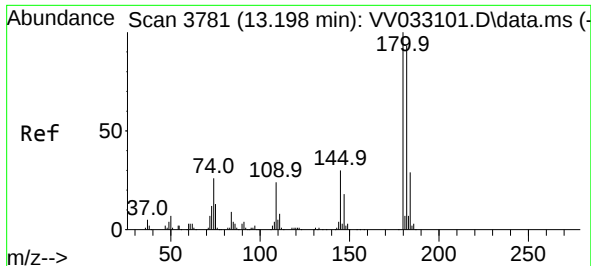
180 100

182 98.7 76.2 114.4

184 26.8 24.2 36.4

145 28.5 23.9 35.9

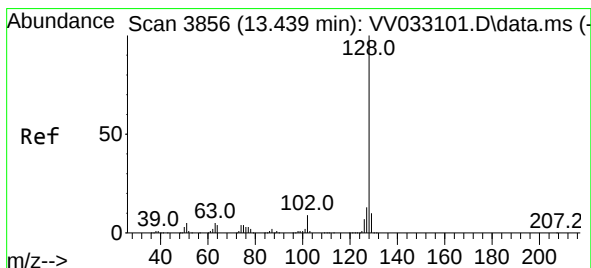
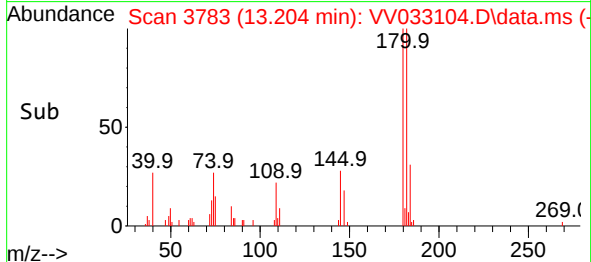
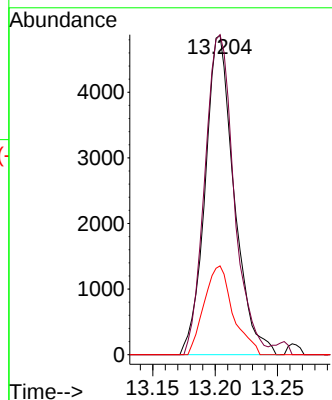
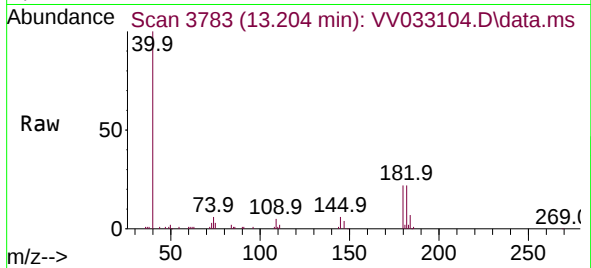




#70
1,2,4-trichlorobenzene
Concen: 1.971 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

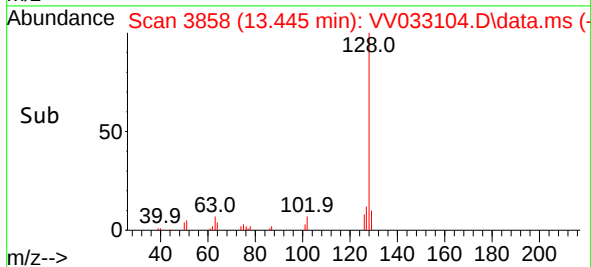
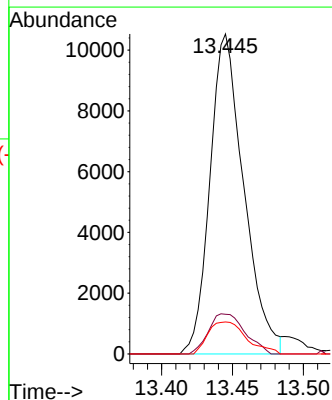
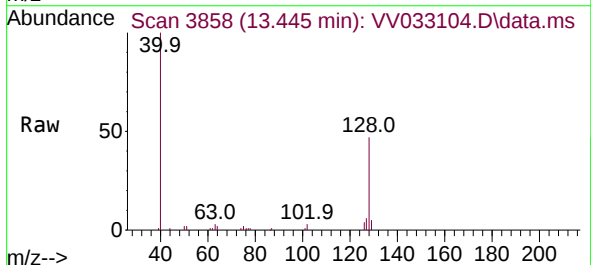
Instrument :
MSVOA_V
ClientSampleId :

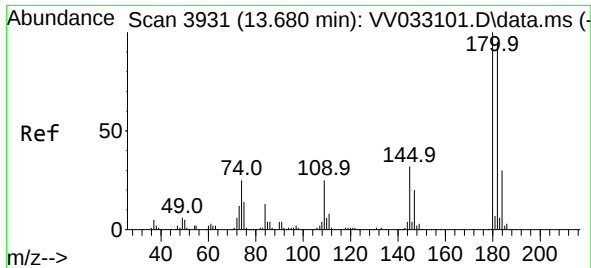
Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	76.3	114.5
145	27.6	23.4	35.0



#71
Naphthalene
Concen: 1.792 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.007 min
Lab File: VV033104.D
Acq: 05 Dec 2023 12:48

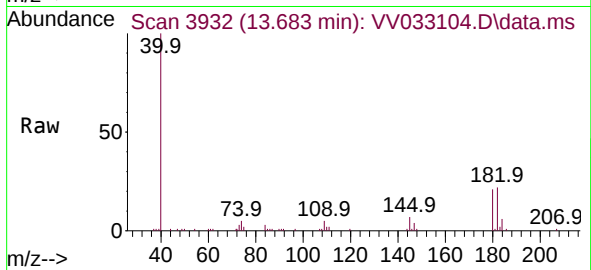
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.4	8.6	13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.884 ug/L
 RT: 13.683 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV033104.D
 Acq: 05 Dec 2023 12:48

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	7271
Ion	Ratio	Lower	Upper
180	100		
182	100.5	75.2	112.8
145	31.7	24.9	37.3

