

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020224\
 Data File : VW033957.D
 Acq On : 02 Feb 2024 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 01:39:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 02 04:28:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	206535	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	190683	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	77802	49.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.020%
7) Chloroethane-d5	1.526	69	59875	47.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.260%
11) 1,1-Dichloroethene-d2	2.056	65	35261	51.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.240%
21) 2-Butanone-d5	3.780	46	80117	73.586	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.590%
24) Chloroform-d	4.246	84	129317	45.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	4.937	65	85005	46.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
32) Benzene-d6	4.957	84	241307	44.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.020%
36) 1,2-Dichloropropane-d6	5.985	67	70730	39.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.280%
41) Toluene-d8	7.239	98	223061	45.669	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.340%
43) trans-1,3-Dichloroprop...	7.551	79	38744	43.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.860%
47) 2-Hexanone-d5	8.021	63	54319	73.387	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.390%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	88789	38.976	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	86528	45.514	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.020%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	81772	47.592	ug/L	99
3) Chloromethane	1.214	50	88282	45.185	ug/L	99
5) Vinyl chloride	1.282	62	91300	48.846	ug/L	99
6) Bromomethane	1.478	94	49500	50.672	ug/L	96
8) Chloroethane	1.542	64	57165	51.290	ug/L	99
9) Trichlorofluoromethane	1.709	101	145974	65.446	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	79911	60.811	ug/L	95
12) 1,1-Dichloroethene	2.069	96	73166	59.028	ug/L	87
13) Acetone	2.108	43	130153	125.030	ug/L	99
14) Carbon disulfide	2.240	76	194647	46.203	ug/L	99
15) Methyl Acetate	2.368	43	80217	47.125	ug/L	# 100
16) Methylene chloride	2.445	84	76226	50.410	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	70138	50.656	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	262662	52.746	ug/L	98
19) 1,1-Dichloroethane	3.108	63	140277	49.556	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	80648	52.335	ug/L	93
22) 2-Butanone	3.860	43	124772	98.688	ug/L	99
23) Bromochloromethane	4.143	128	40906	54.642	ug/L	85
25) Chloroform	4.272	83	146214	54.479	ug/L	99

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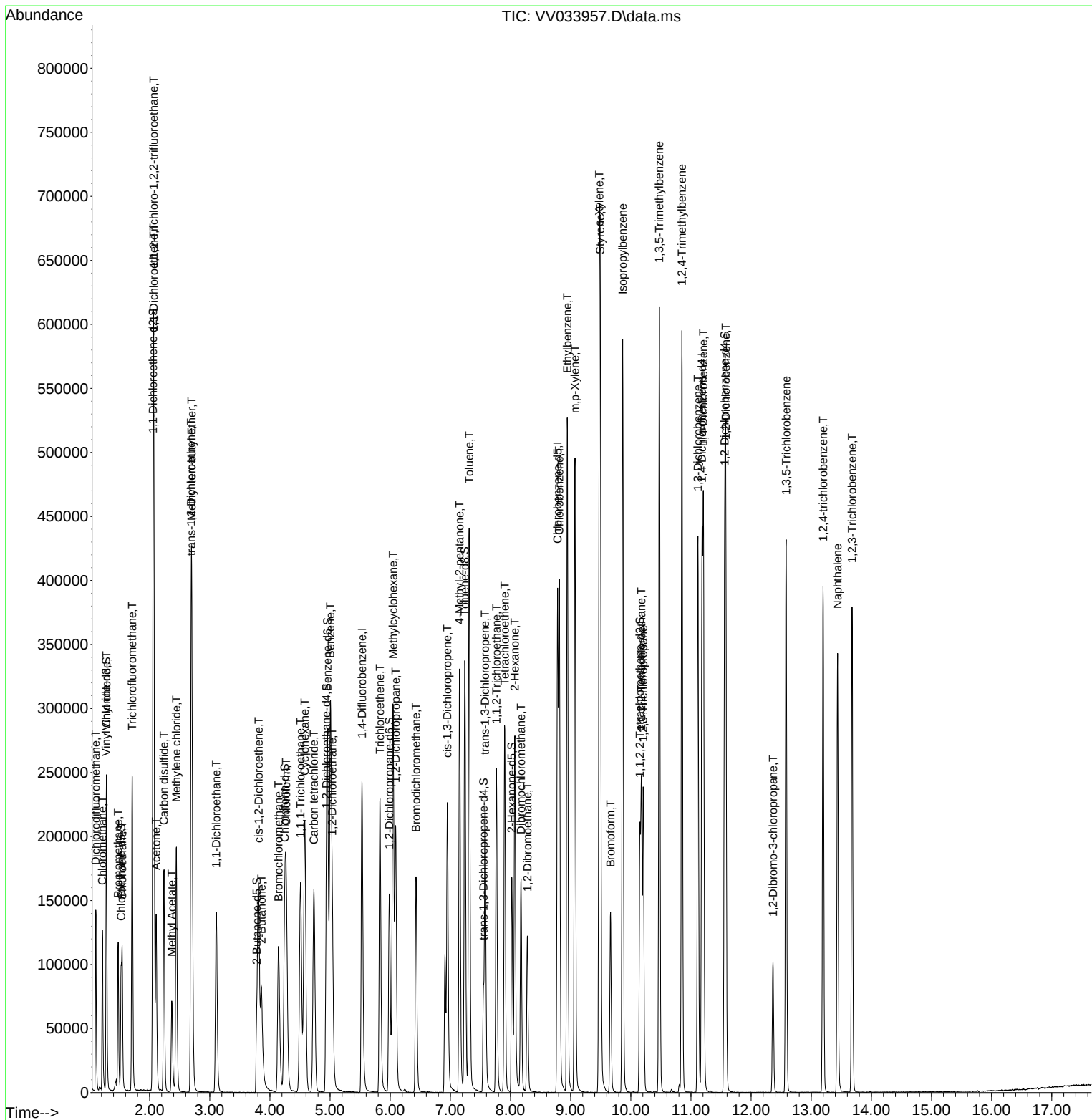
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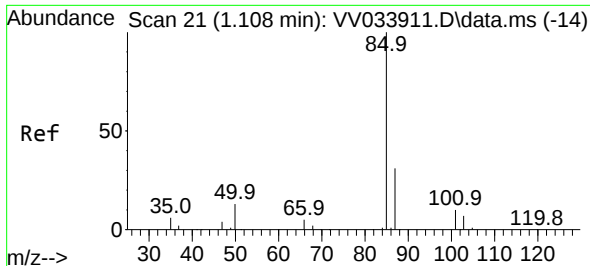
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	119450	53.285	ug/L	99
29) Cyclohexane	4.580	56	123442	45.920	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	135294	59.124	ug/L	99
31) Carbon tetrachloride	4.732	117	119191	61.023	ug/L	100
33) Benzene	5.005	78	290320	51.837	ug/L	100
34) Trichloroethene	5.831	95	79952	53.218	ug/L	98
35) Methylcyclohexane	6.047	83	127735	49.682	ug/L	95
37) 1,2-Dichloropropane	6.092	63	75647	49.084	ug/L #	97
38) Bromodichloromethane	6.429	83	111228	55.168	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	131788	51.207	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	210627	92.233	ug/L	95
42) Toluene	7.313	91	311516	52.617	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	124961	52.689	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	73423	52.506	ug/L	98
46) Tetrachloroethene	7.905	164	62030	56.291	ug/L	98
48) 2-Hexanone	8.072	43	174718	96.018	ug/L	98
49) Dibromochloromethane	8.175	129	81134	55.709	ug/L	100
50) 1,2-Dibromoethane	8.281	107	76656	51.873	ug/L #	98
51) Chlorobenzene	8.812	112	201539	53.441	ug/L	98
52) Ethylbenzene	8.944	91	359259	52.391	ug/L	100
53) m,p-Xylene	9.072	106	134883	53.280	ug/L	100
54) o-Xylene	9.477	106	131891	52.625	ug/L	100
55) Styrene	9.493	104	227352	52.542	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	110285	49.557	ug/L	100
59) Bromoform	9.664	173	58757	55.172	ug/L	97
60) Isopropylbenzene	9.866	105	364066	53.700	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	87680	49.305	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	313836	53.952	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	310369	53.549	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	166996	54.532	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	165575	53.923	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	165111	55.180	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	25883	50.437	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	126383	55.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	112477	54.762	ug/L	99
71) Naphthalene	13.439	128	257056	47.895	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	106574	55.591	ug/L	98

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

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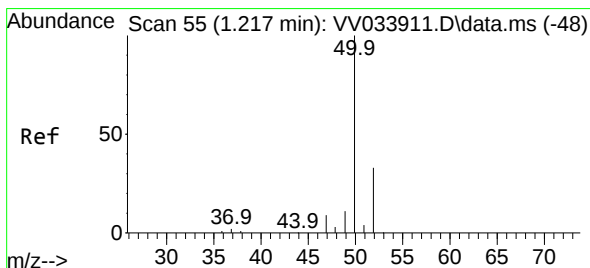
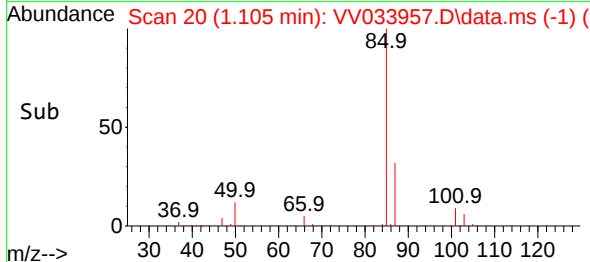
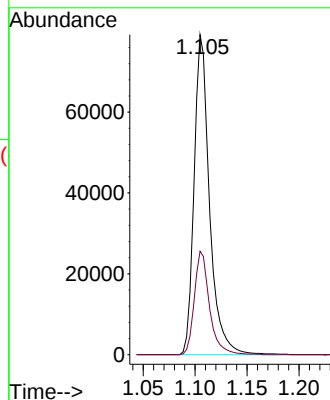
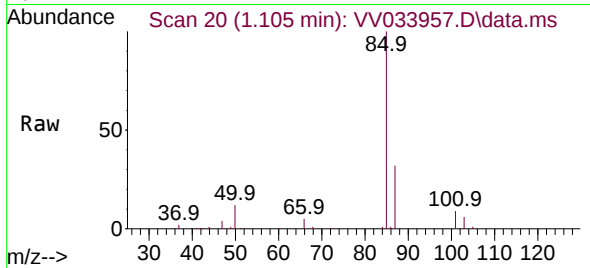




#2
 Dichlorodifluoromethane
 Concen: 47.592 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033957.D
 Acq: 02 Feb 2024 09:13

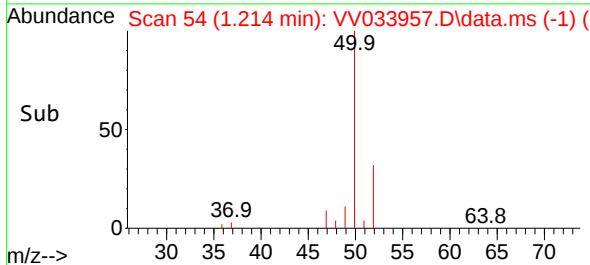
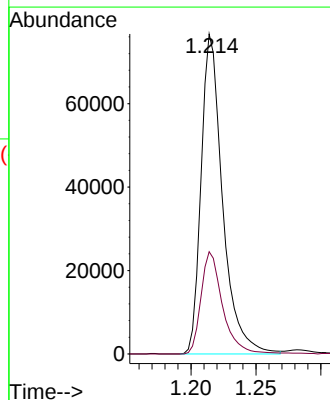
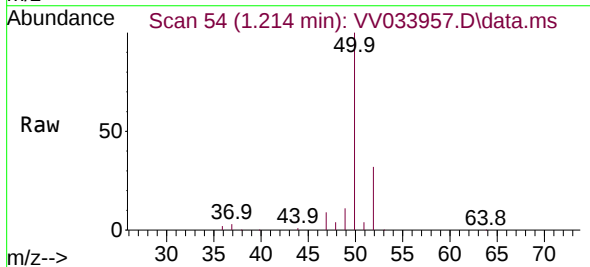
Instrument :
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 ClientSampleId :

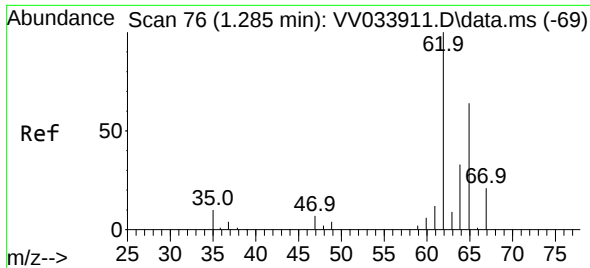
Tgt Ion: 85 Resp: 81772
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.6



#3
 Chloromethane
 Concen: 45.185 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV033957.D
 Acq: 02 Feb 2024 09:13

Tgt Ion: 50 Resp: 88282
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.8 42.4

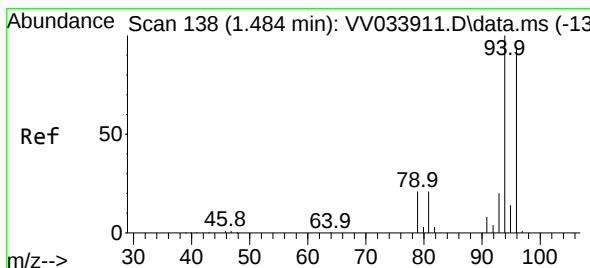
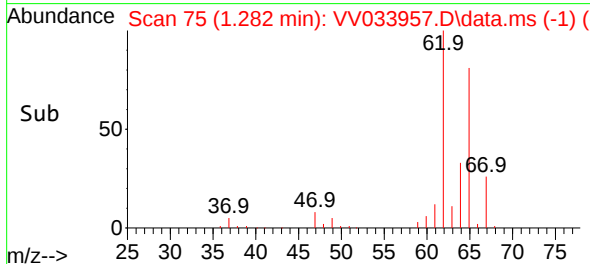
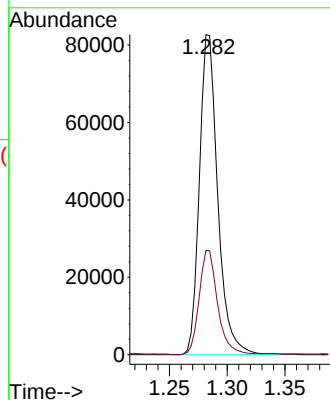
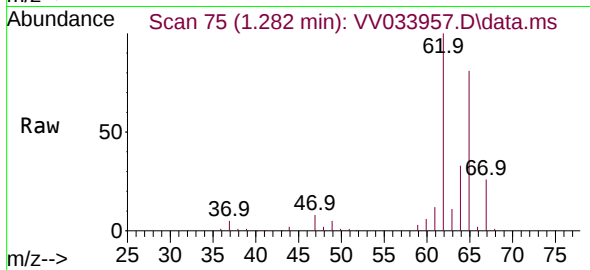




#5
 Vinyl chloride
 Concen: 48.846 ug/L
 RT: 1.282 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV033957.D
 Acq: 02 Feb 2024 09:13

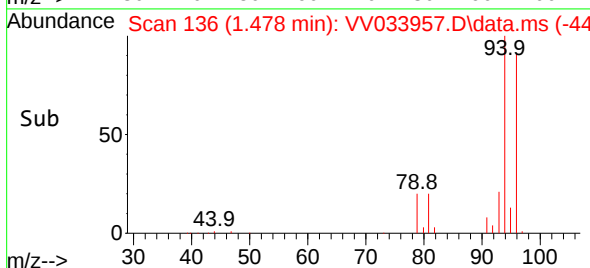
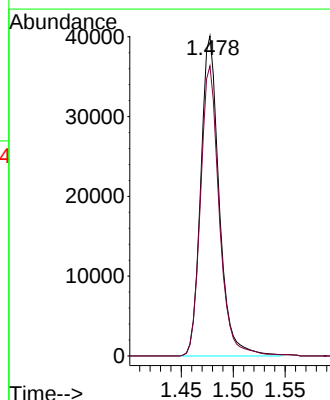
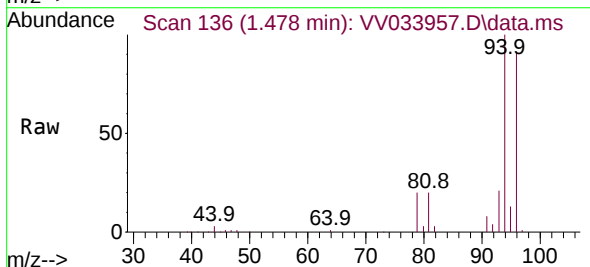
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 MSVOA_V
 ClientSampleId :

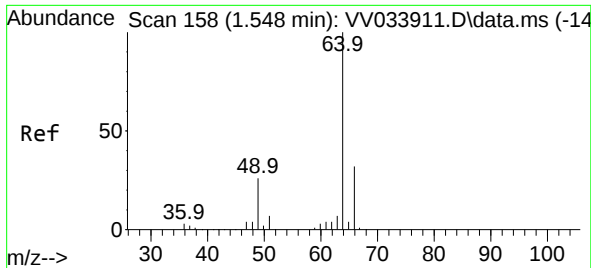
Tgt Ion: 62 Resp: 91300
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 50.672 ug/L
 RT: 1.478 min Scan# 136
 Delta R.T. -0.003 min
 Lab File: VV033957.D
 Acq: 02 Feb 2024 09:13

Tgt Ion: 94 Resp: 49500
 Ion Ratio Lower Upper
 94 100
 96 90.7 66.4 123.2

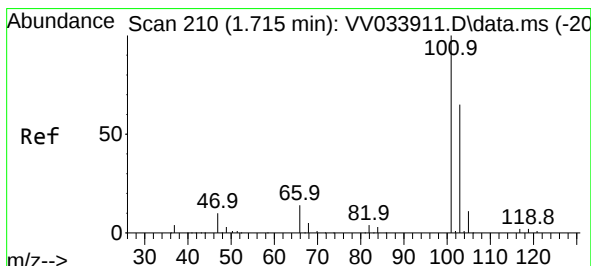
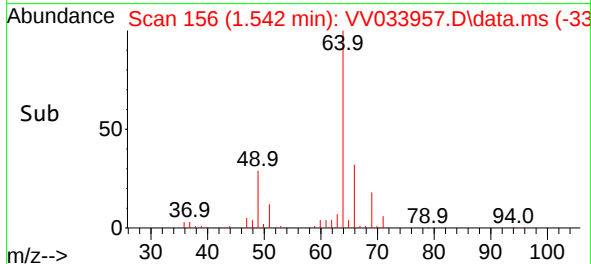
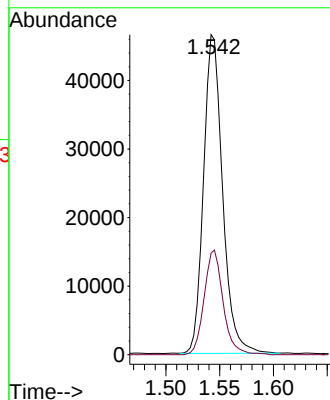
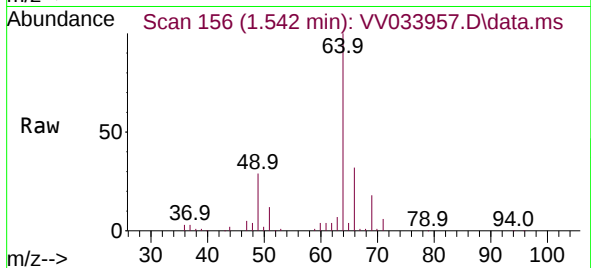




#8
Chloroethane
Concen: 51.290 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

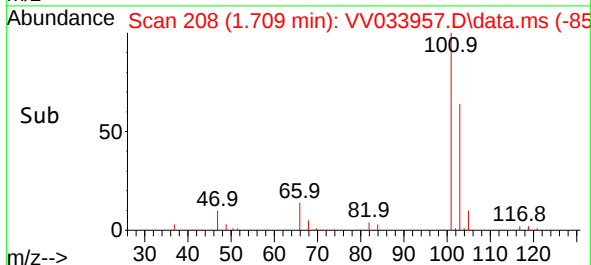
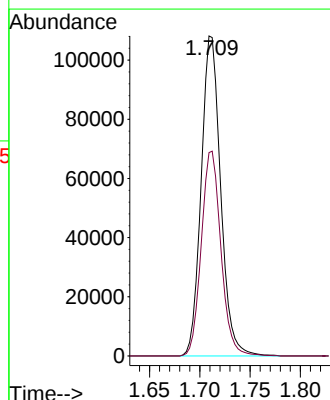
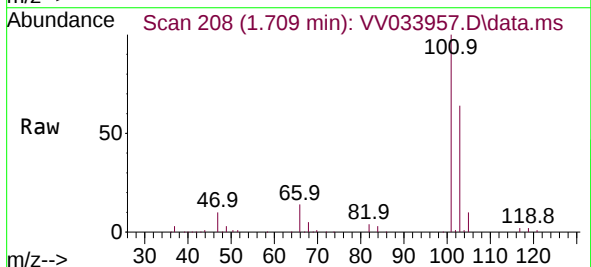
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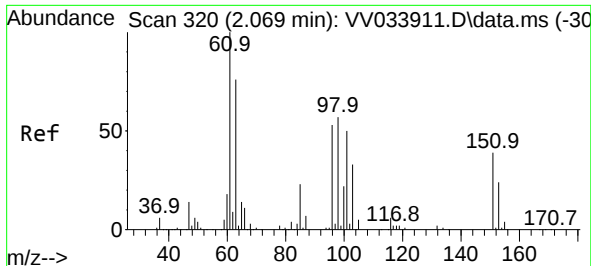
Tgt Ion: 64 Resp: 57165
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 65.446 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion:101 Resp: 145974
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9





#10

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

Concen: 60.811 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

ClientSampleId :

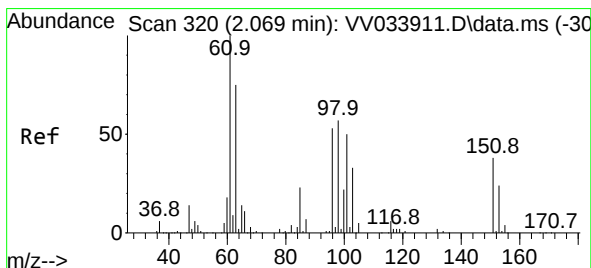
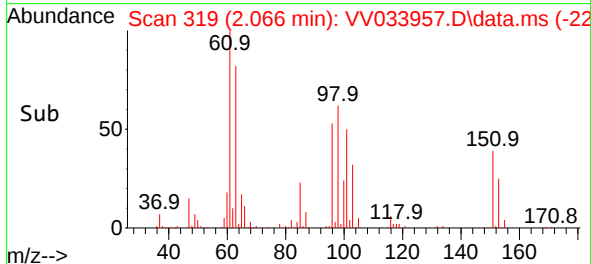
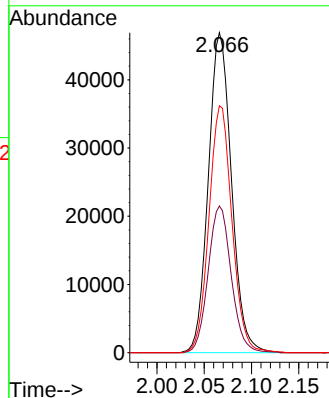
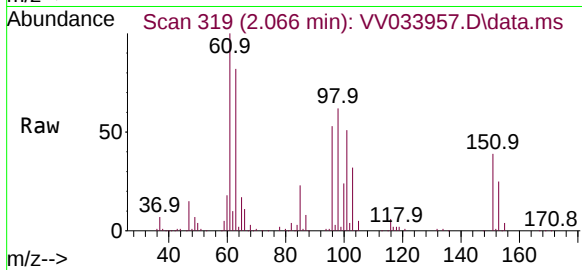
Tgt Ion:101 Resp: 79911

Ion Ratio Lower Upper

101 100

85 45.6 36.2 54.4

151 76.7 56.5 84.7



#12

1,1-Dichloroethene

Concen: 59.028 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

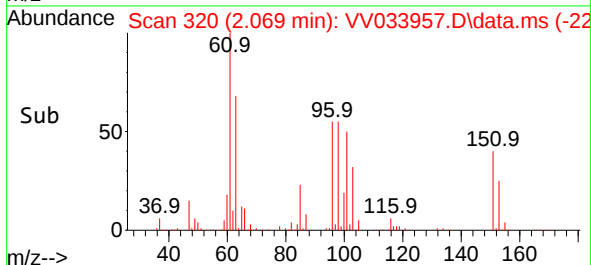
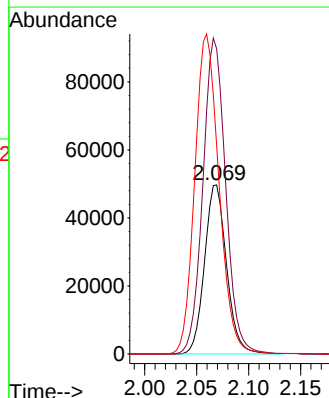
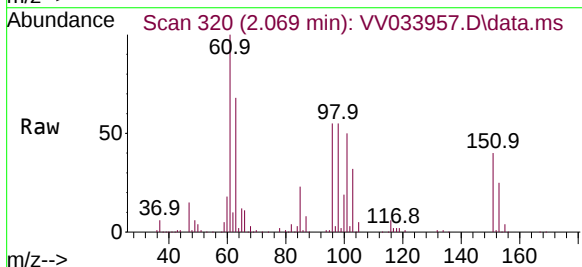
Tgt Ion: 96 Resp: 73166

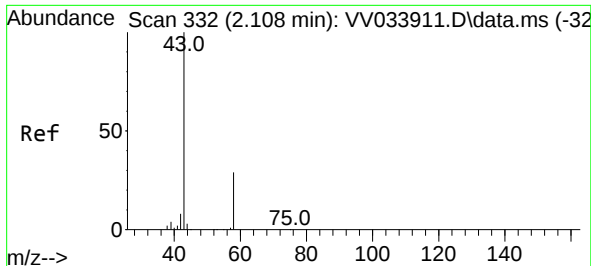
Ion Ratio Lower Upper

96 100

61 180.7 134.0 248.8

63 123.1 103.4 192.0





#13

Acetone

Concen: 125.030 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

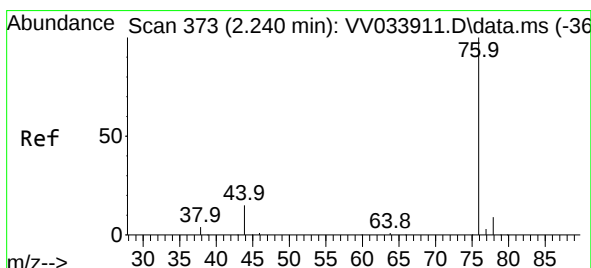
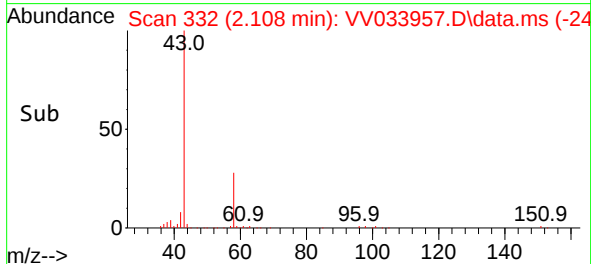
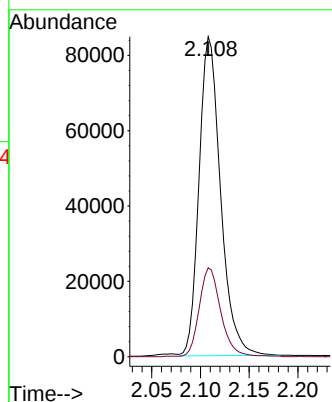
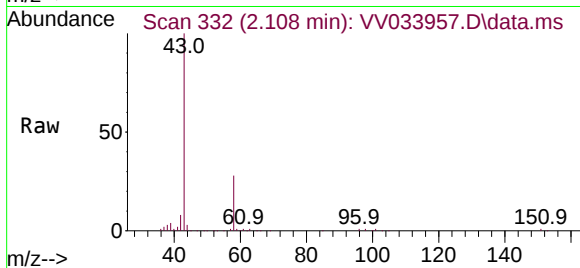
ClientSampleId :

Tgt Ion: 43 Resp: 130153

Ion Ratio Lower Upper

43 100

58 28.0 0.0 57.2



#14

Carbon disulfide

Concen: 46.203 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV033957.D

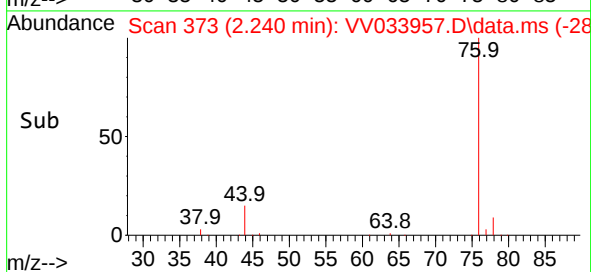
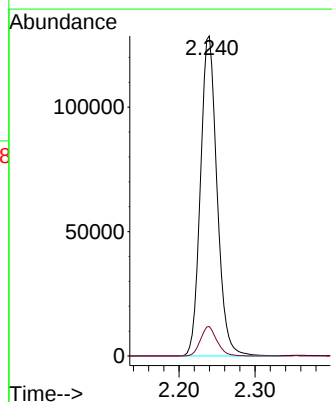
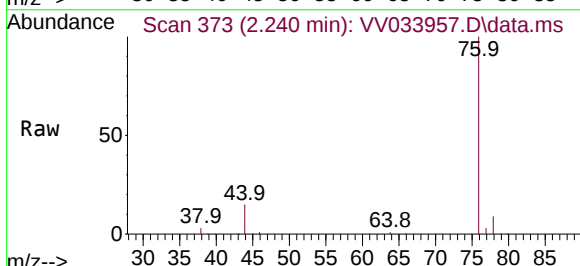
Acq: 02 Feb 2024 09:13

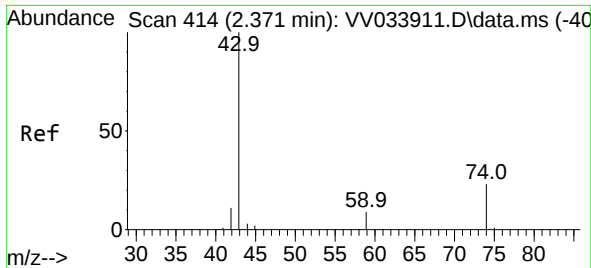
Tgt Ion: 76 Resp: 194647

Ion Ratio Lower Upper

76 100

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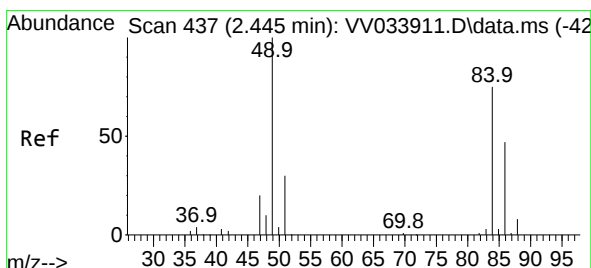
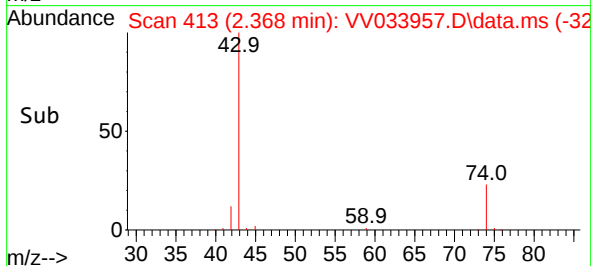
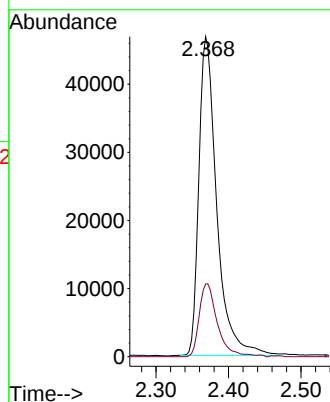
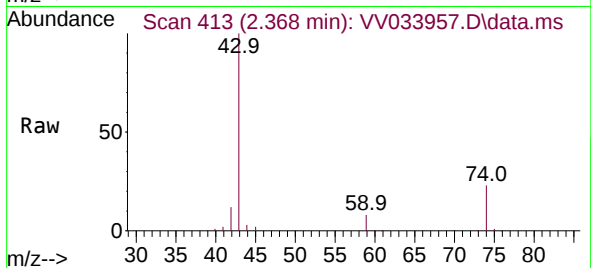




#15
Methyl Acetate
Concen: 47.125 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

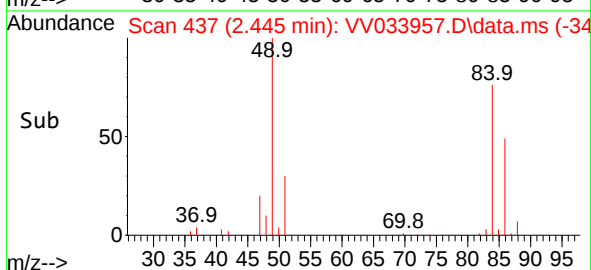
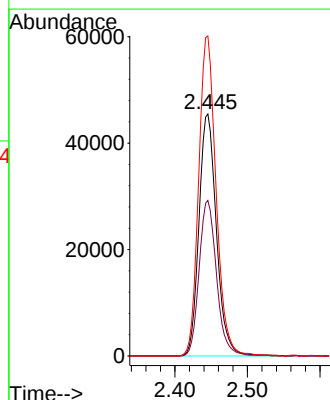
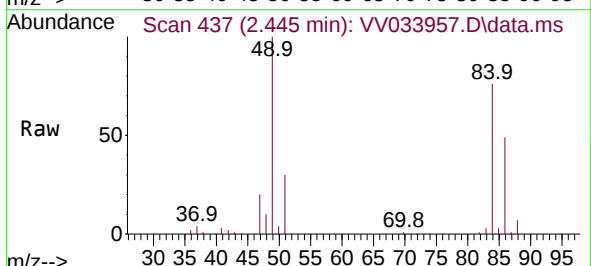
Instrument :
MSVOA_V
ClientSampleId :

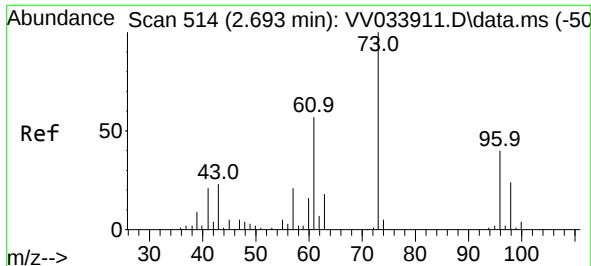
Tgt Ion: 43 Resp: 80217
Ion Ratio Lower Upper
43 100
74 22.6 0.0 0.0#



#16
Methylene chloride
Concen: 50.410 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion: 84 Resp: 76226
Ion Ratio Lower Upper
84 100
86 64.3 43.9 81.5
49 132.2 98.3 182.5

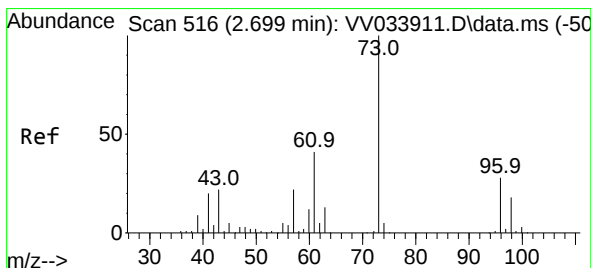
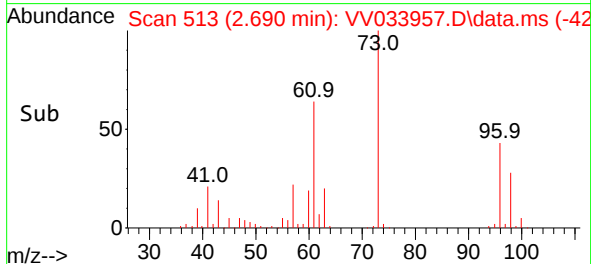
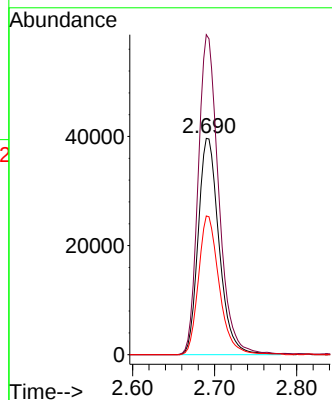
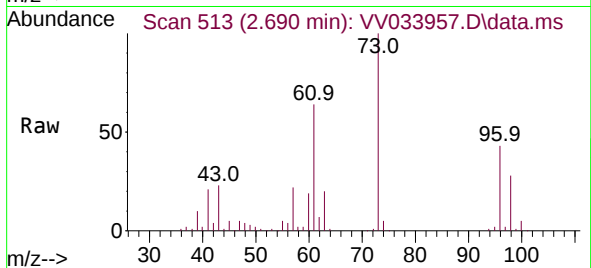




#17
trans-1,2-Dichloroethene
Concen: 50.656 ug/L
RT: 2.690 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

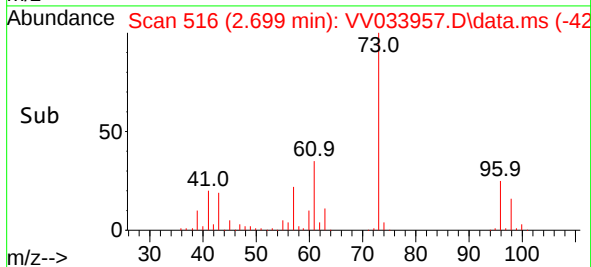
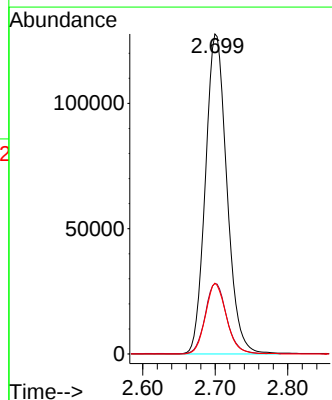
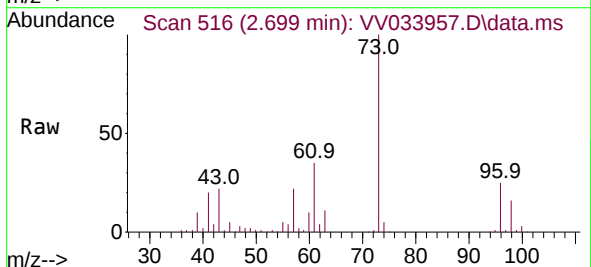
Instrument :
MSVOA_V
ClientSampleId :

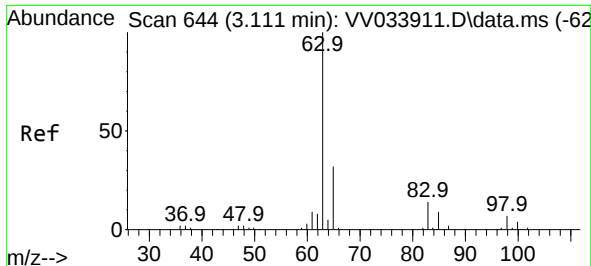
Tgt Ion: 96 Resp: 70138
Ion Ratio Lower Upper
96 100
61 147.9 108.4 201.4
98 64.1 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 52.746 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion: 73 Resp: 262662
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 21.5 18.6 27.8





#19

1,1-Dichloroethane

Concen: 49.556 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

ClientSampleId :

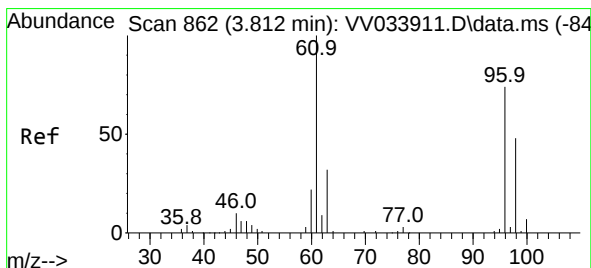
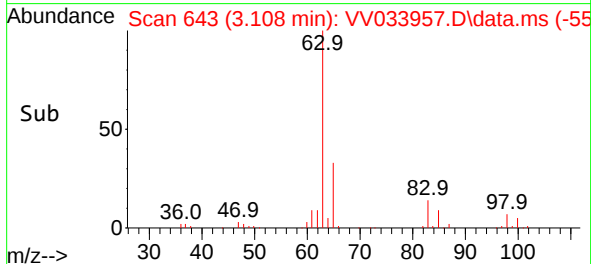
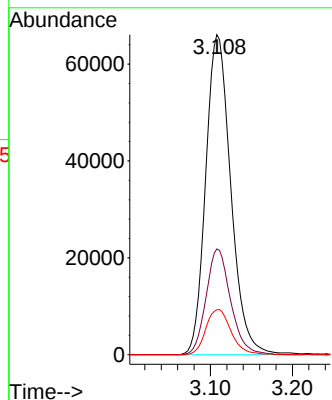
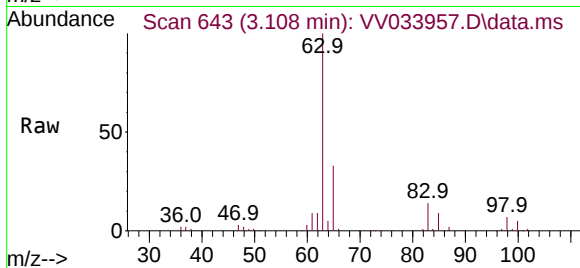
Tgt Ion: 63 Resp: 140277

Ion Ratio Lower Upper

63 100

65 33.1 22.4 41.6

83 14.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 52.335 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

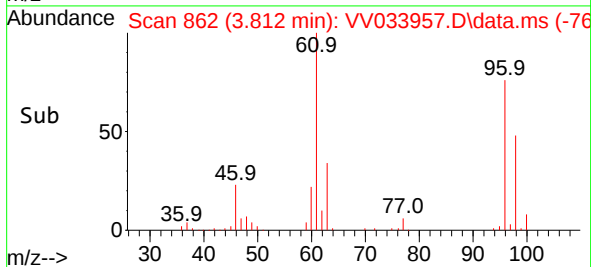
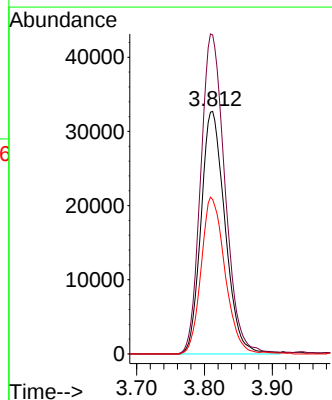
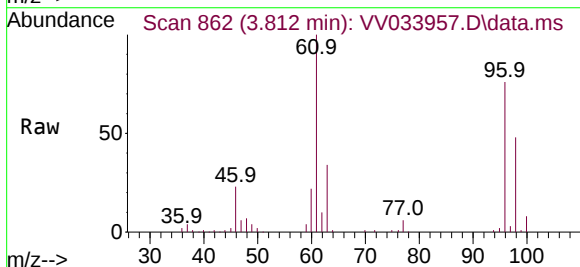
Tgt Ion: 96 Resp: 80648

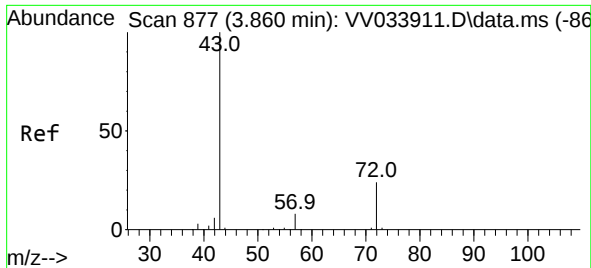
Ion Ratio Lower Upper

96 100

61 131.5 100.6 186.8

98 63.6 44.6 82.8

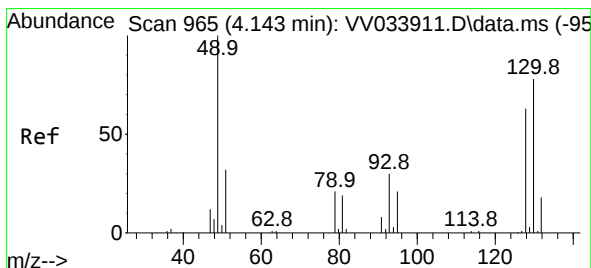
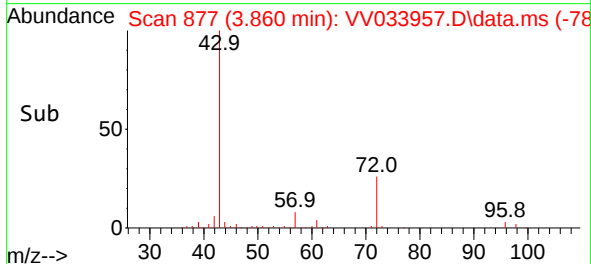
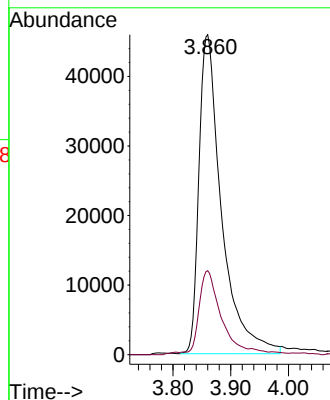
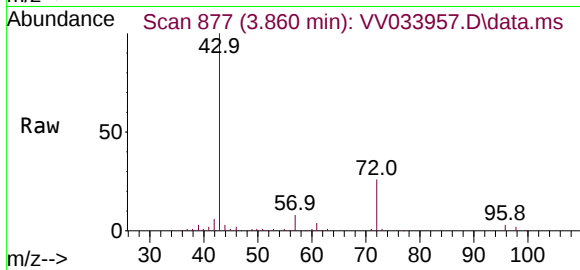




#22
2-Butanone
Concen: 98.688 ug/L
RT: 3.860 min Scan# 877
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

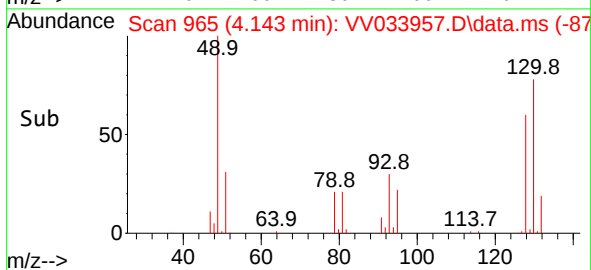
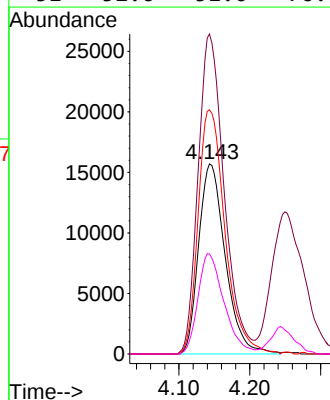
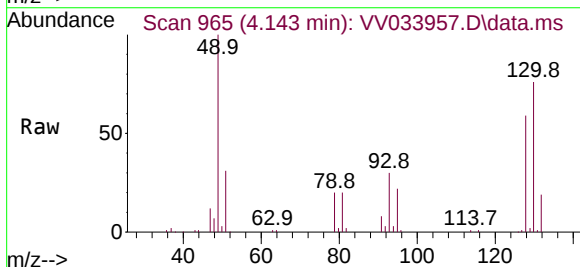
Instrument :
MSVOA_V
ClientSampleId :

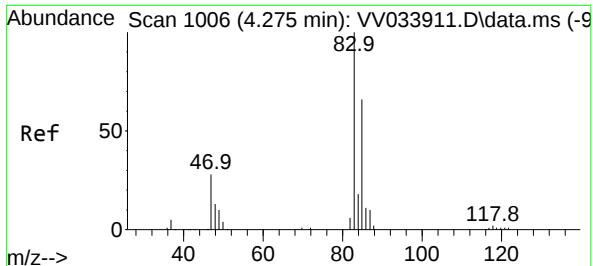
Tgt Ion: 43 Resp: 124772
Ion Ratio Lower Upper
43 100
72 23.3 11.9 35.5



#23
Bromochloromethane
Concen: 54.642 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion: 128 Resp: 40906
Ion Ratio Lower Upper
128 100
49 168.4 143.9 267.2
130 128.5 90.6 168.2
51 52.6 51.0 76.6





#25

Chloroform

Concen: 54.479 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.003 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

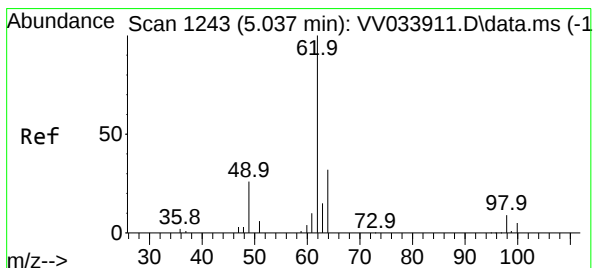
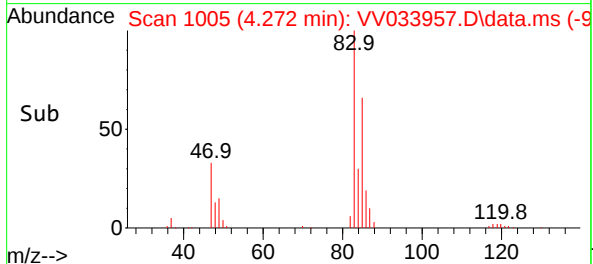
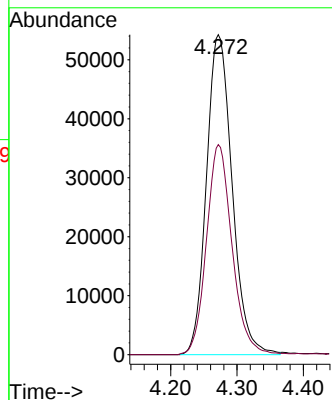
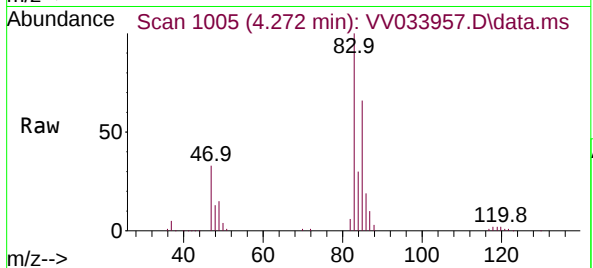
ClientSampleId :

Tgt Ion: 83 Resp: 146214

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 53.285 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV033957.D

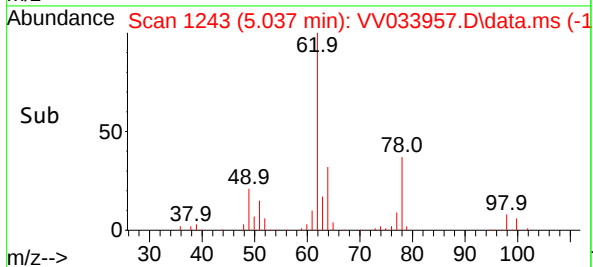
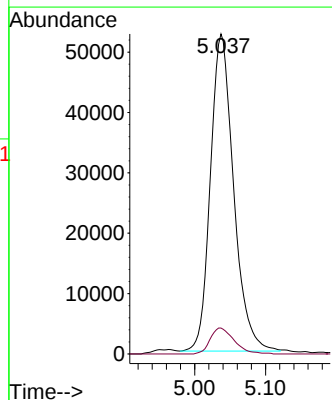
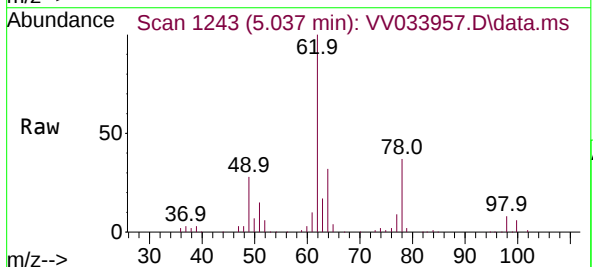
Acq: 02 Feb 2024 09:13

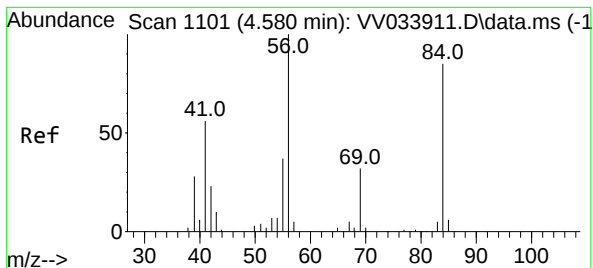
Tgt Ion: 62 Resp: 119450

Ion Ratio Lower Upper

62 100

98 8.1 6.8 10.2





#29

Cyclohexane

Concen: 45.920 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

ClientSampleId :

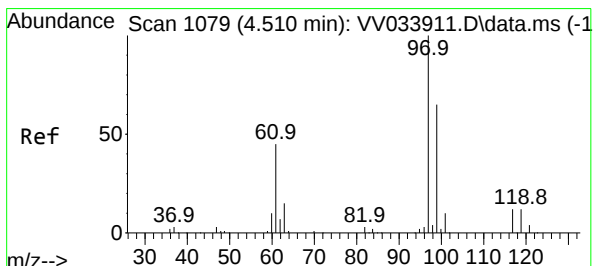
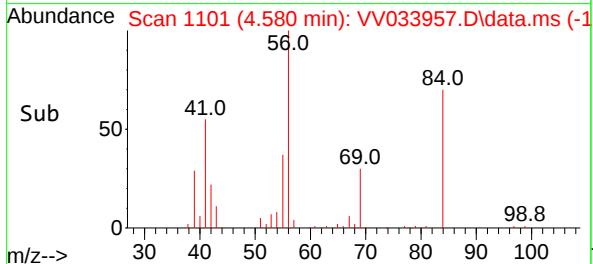
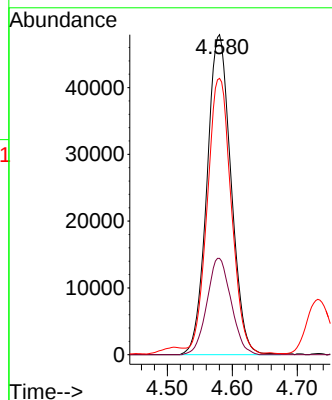
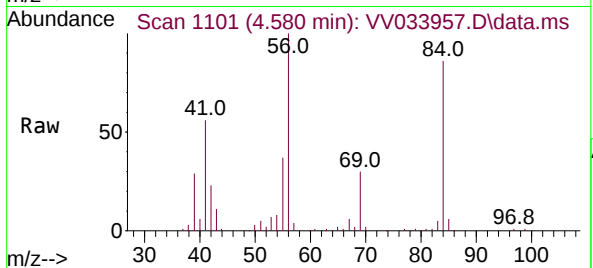
Tgt Ion: 56 Resp: 123442

Ion Ratio Lower Upper

56 100

69 30.2 23.8 35.6

84 86.0 63.8 95.6



#30

1,1,1-Trichloroethane

Concen: 59.124 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

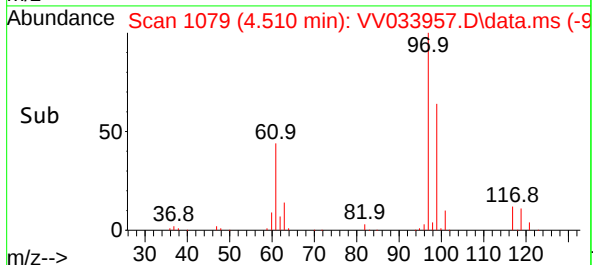
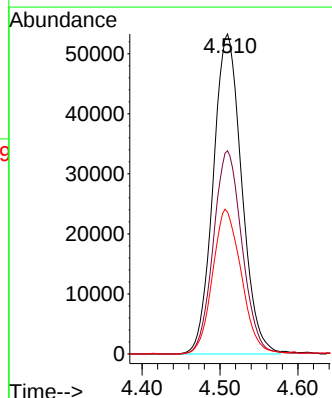
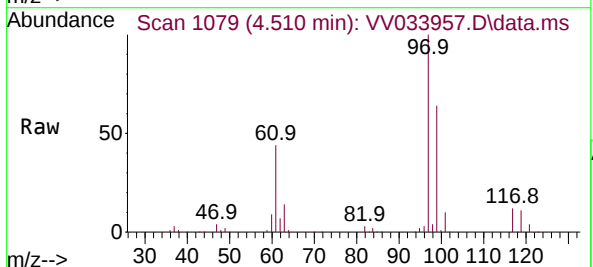
Tgt Ion: 97 Resp: 135294

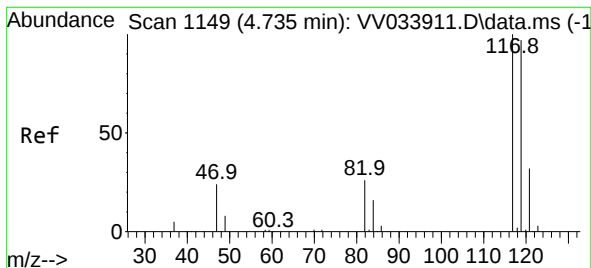
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 45.8 38.2 57.2





#31

Carbon tetrachloride

Concen: 61.023 ug/L

RT: 4.732 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

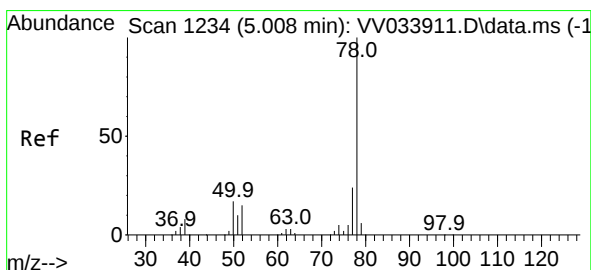
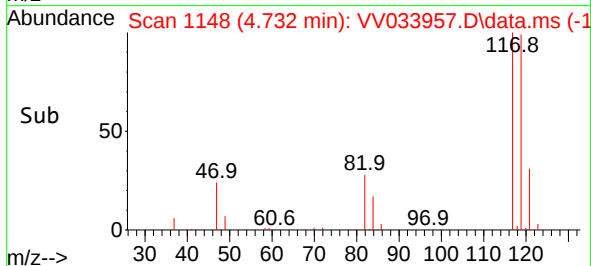
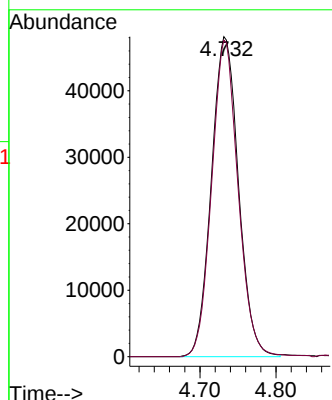
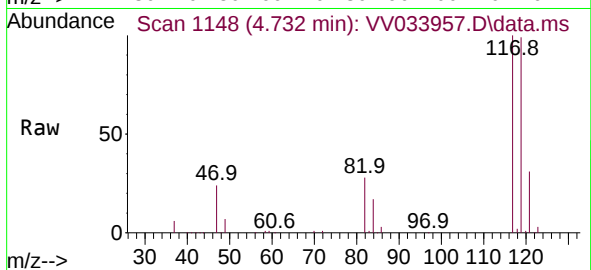
ClientSampleId :

Tgt Ion:117 Resp: 119191

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.4



#33

Benzene

Concen: 51.837 ug/L

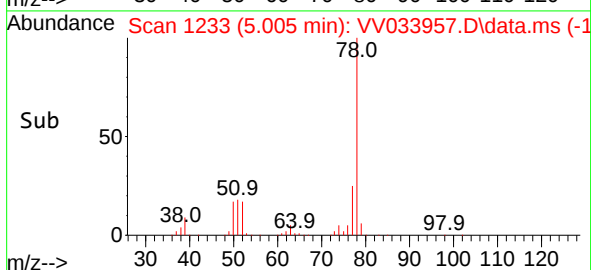
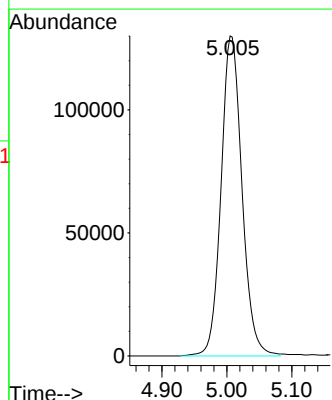
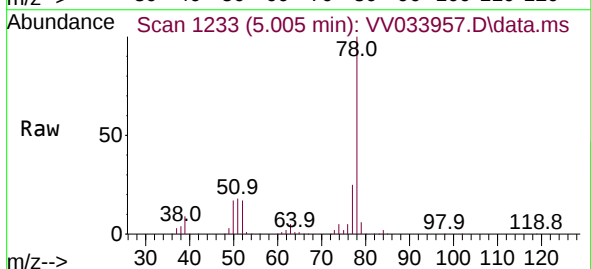
RT: 5.005 min Scan# 1233

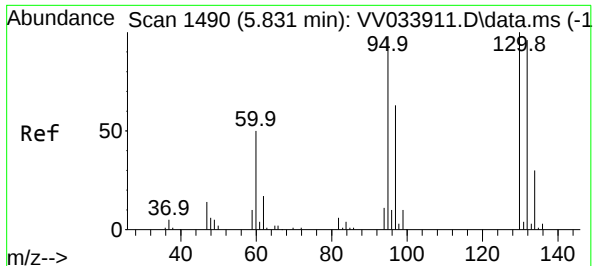
Delta R.T. -0.003 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

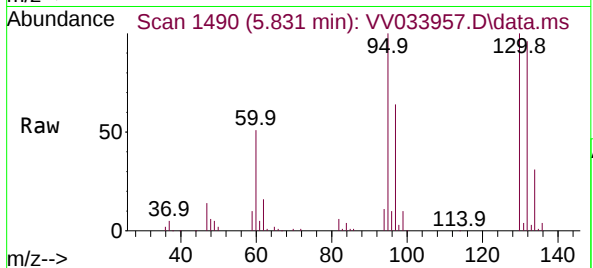
Tgt Ion: 78 Resp: 290320





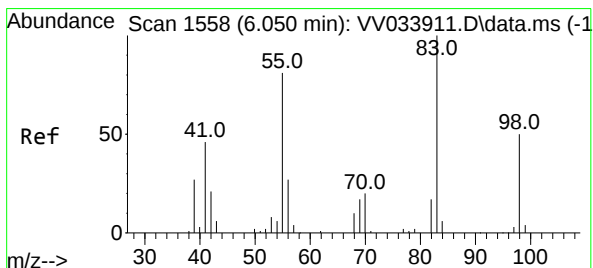
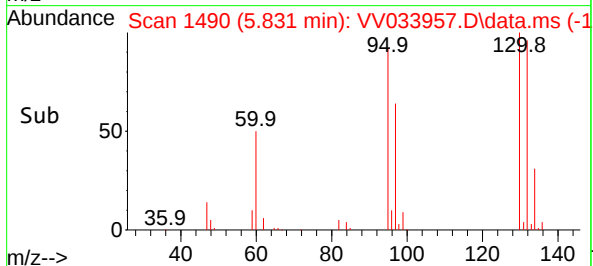
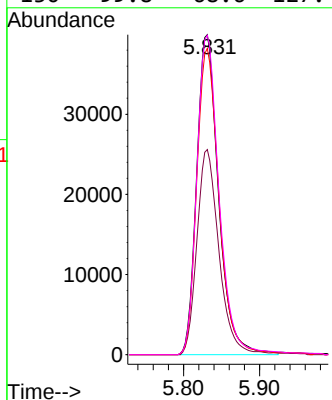
#34
Trichloroethene
Concen: 53.218 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 79952

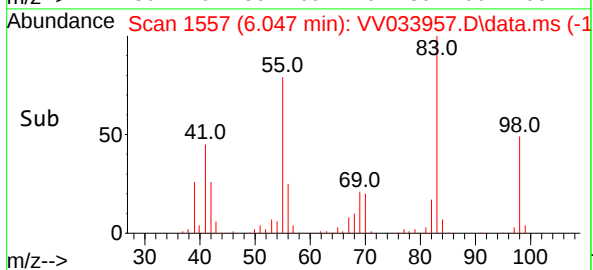
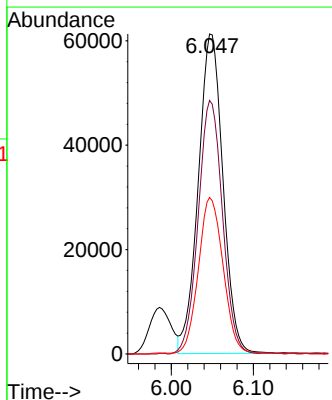
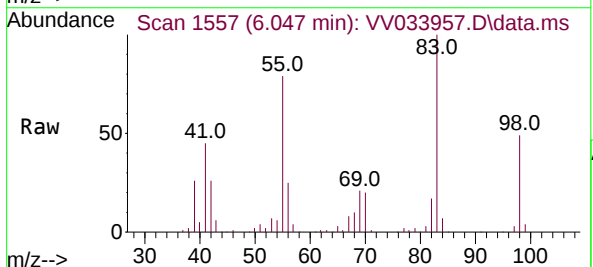
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.4	82.4
132	95.7	65.5	121.7
130	99.8	68.6	127.4

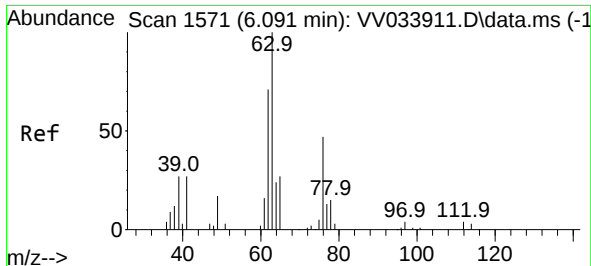


#35
Methylcyclohexane
Concen: 49.682 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion: 83 Resp: 127735

Ion	Ratio	Lower	Upper
83	100		
55	78.2	67.1	100.7
98	49.5	37.7	56.5





#37

1,2-Dichloropropane

Concen: 49.084 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

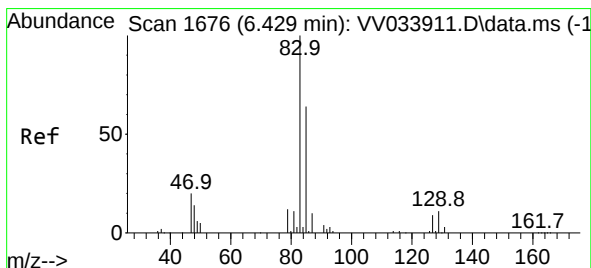
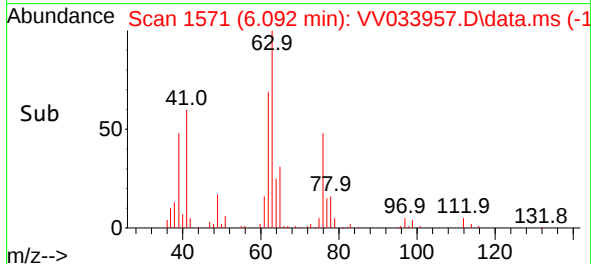
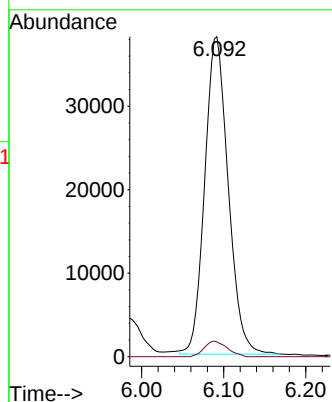
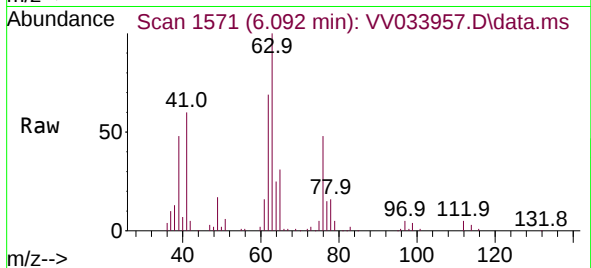
ClientSampleId :

Tgt Ion: 63 Resp: 75647

Ion Ratio Lower Upper

63 100

112 4.8 3.1 4.7#



#38

Bromodichloromethane

Concen: 55.168 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

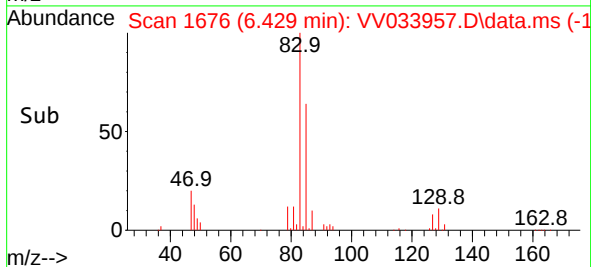
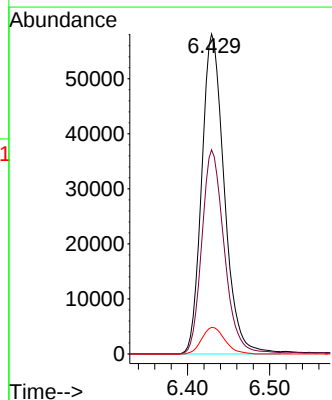
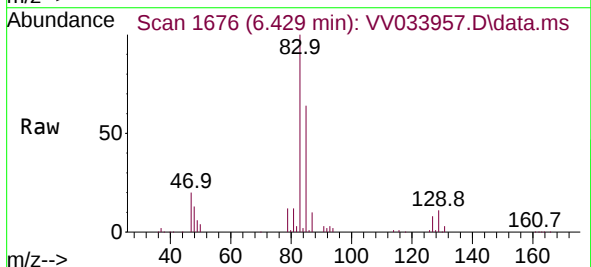
Tgt Ion: 83 Resp: 111228

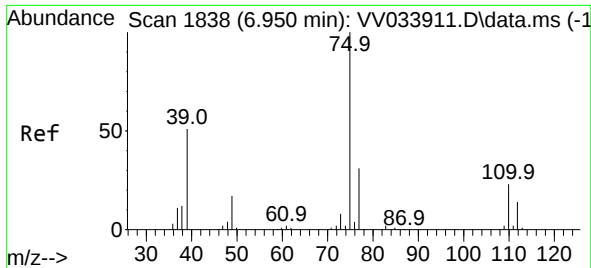
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 51.207 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

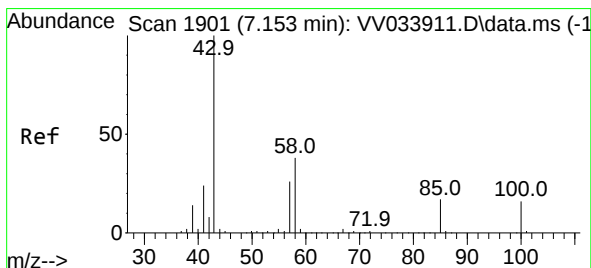
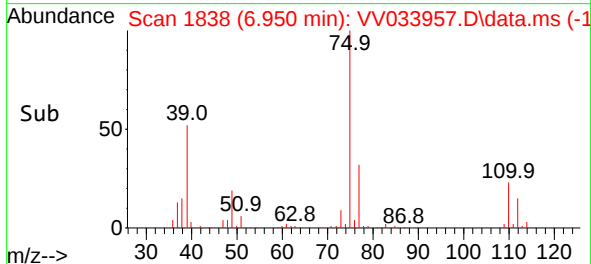
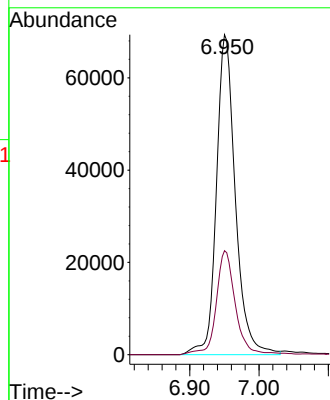
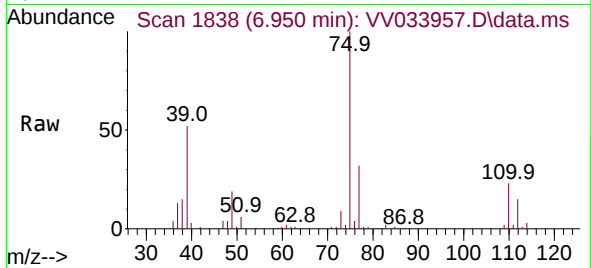
ClientSampleId :

Tgt Ion: 75 Resp: 131788

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 92.233 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

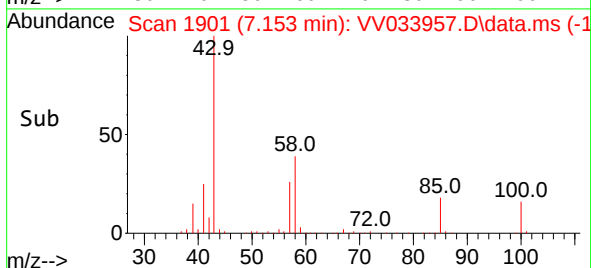
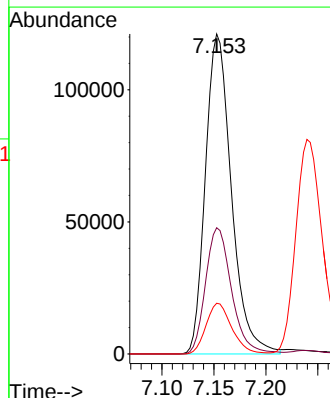
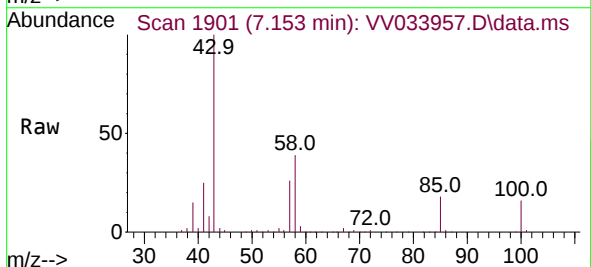
Tgt Ion: 43 Resp: 210627

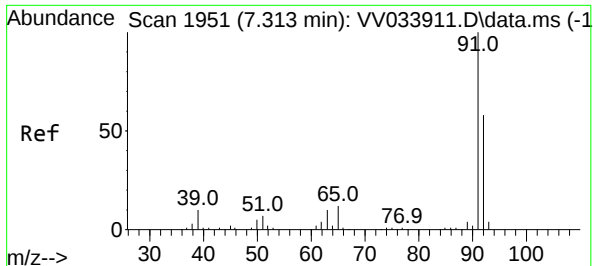
Ion Ratio Lower Upper

43 100

58 39.5 29.6 44.4

100 15.7 10.6 16.0





#42

Toluene

Concen: 52.617 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

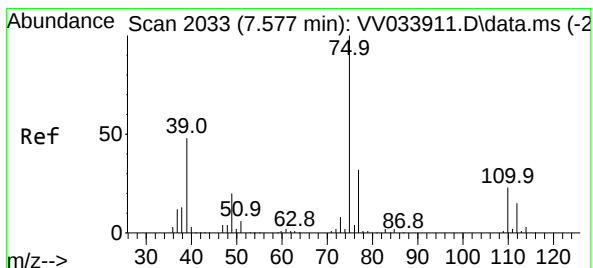
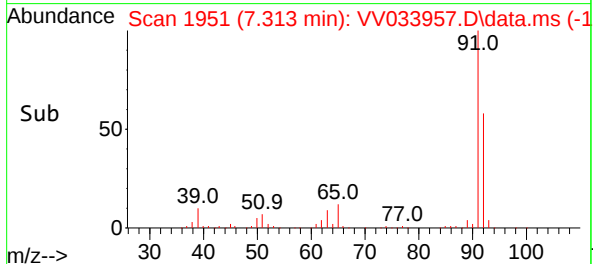
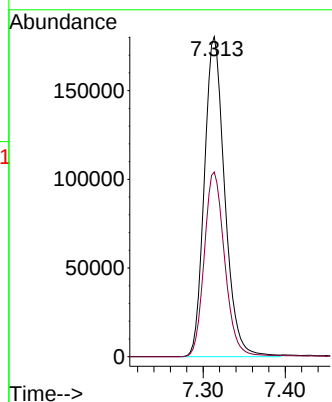
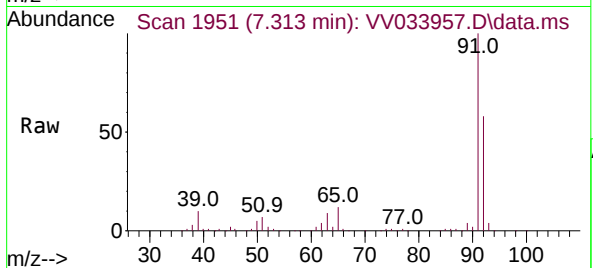
ClientSampleId :

Tgt Ion: 91 Resp: 311516

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 52.689 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV033957.D

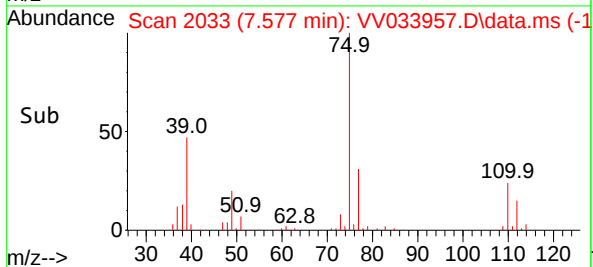
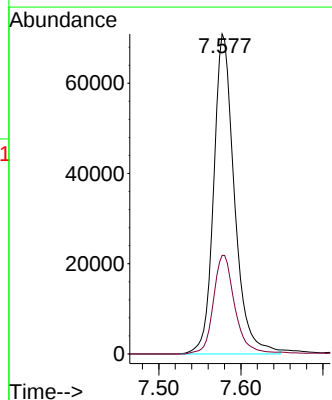
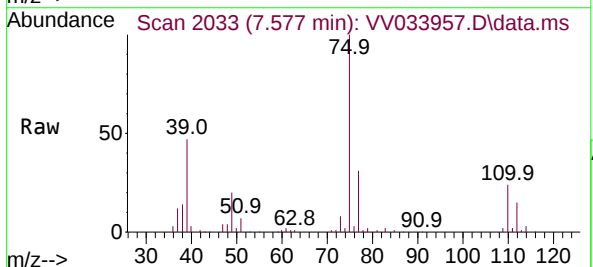
Acq: 02 Feb 2024 09:13

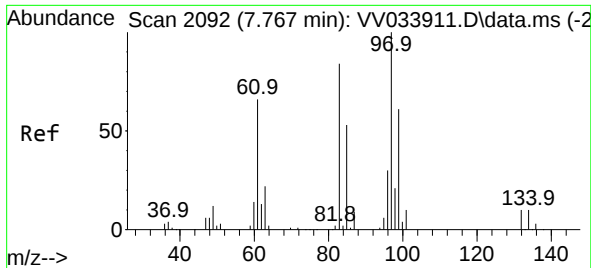
Tgt Ion: 75 Resp: 124961

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.0

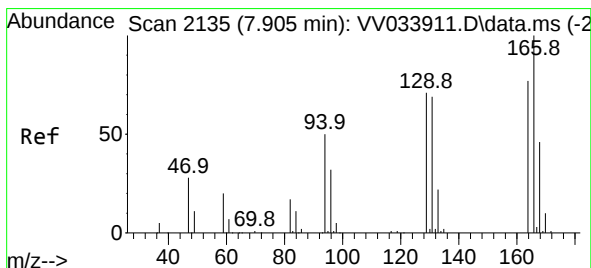
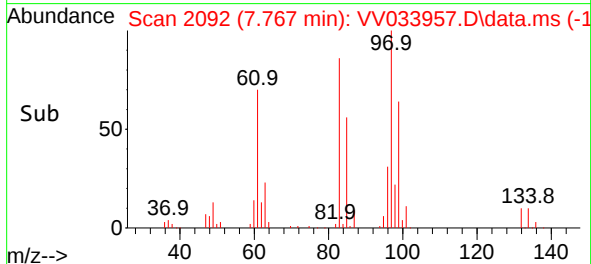
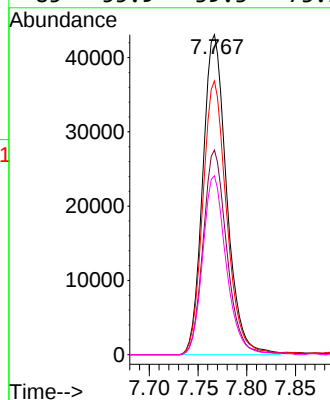
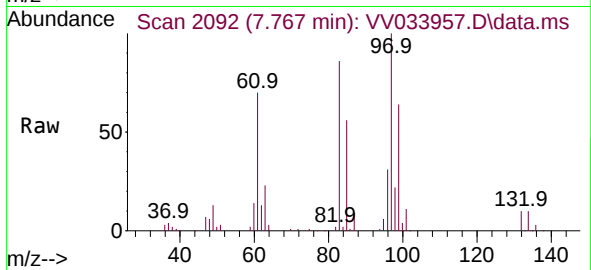




#45
1,1,2-Trichloroethane
Concen: 52.506 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

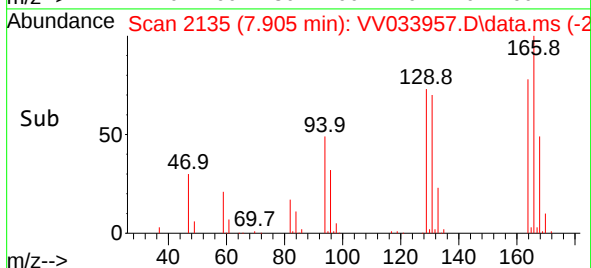
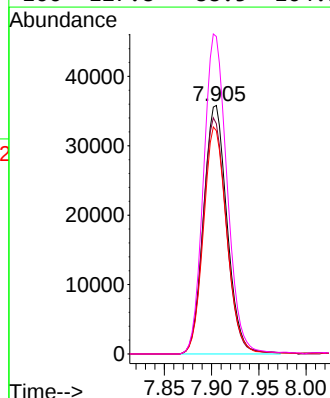
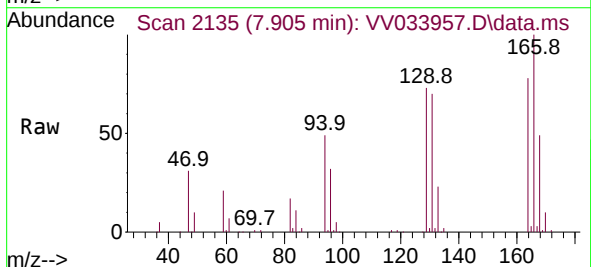
Instrument :
MSVOA_V
ClientSampleId :

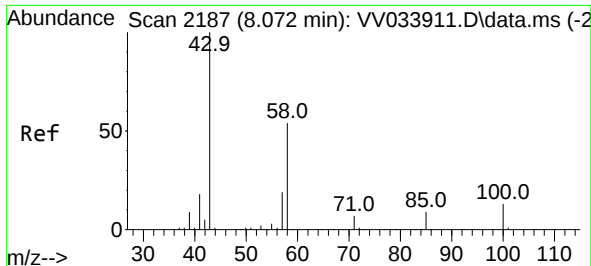
Tgt Ion:	97	Resp:	73423
Ion	Ratio	Lower	Upper
97	100		
99	63.9	42.8	79.6
83	85.5	61.2	113.8
85	55.9	39.3	73.1



#46
Tetrachloroethene
Concen: 56.291 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

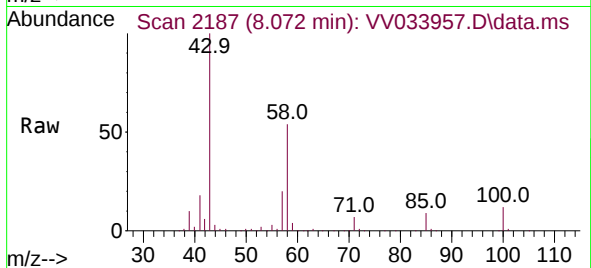
Tgt Ion:	164	Resp:	62030
Ion	Ratio	Lower	Upper
164	100		
129	92.7	66.1	122.7
131	89.8	65.9	122.5
166	127.8	88.5	164.3





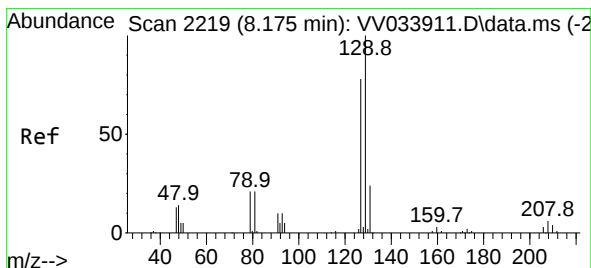
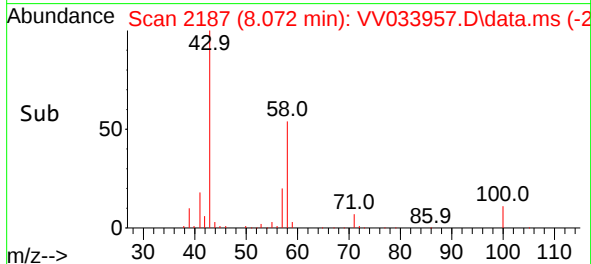
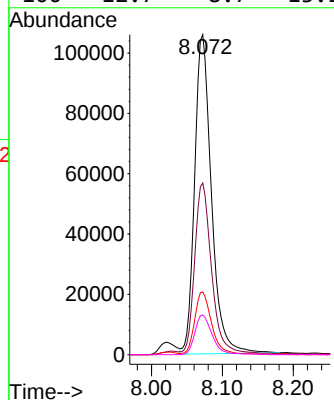
#48
2-Hexanone
Concen: 96.018 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 174718

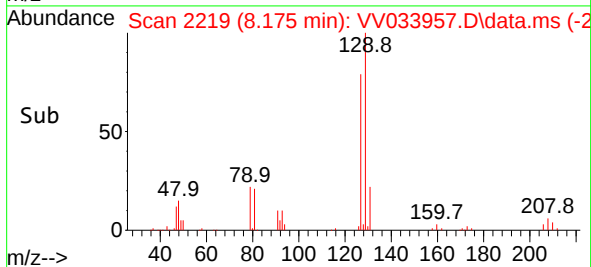
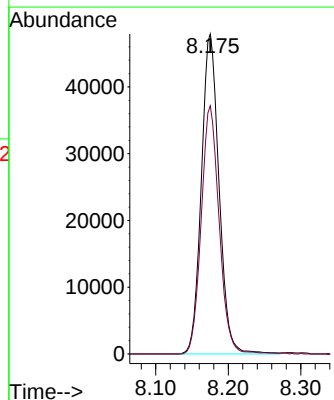
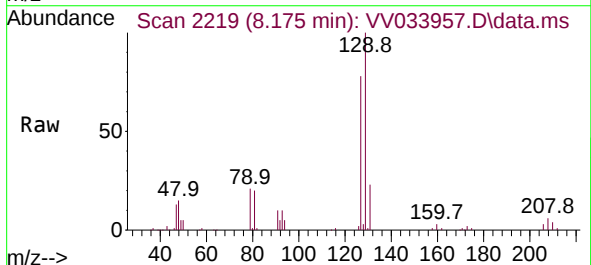
Ion	Ratio	Lower	Upper
43	100		
58	53.2	42.3	63.5
57	19.9	14.2	21.2
100	12.7	8.7	13.1

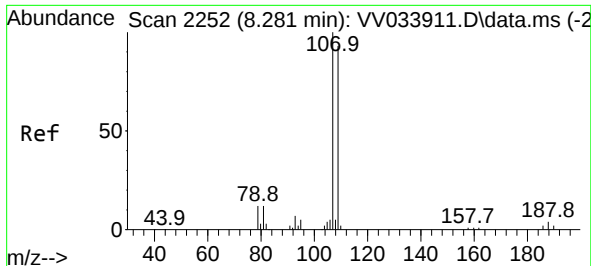


#49
Dibromochloromethane
Concen: 55.709 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion: 129 Resp: 81134

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.5	101.3





#50

1,2-Dibromoethane

Concen: 51.873 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033957.D

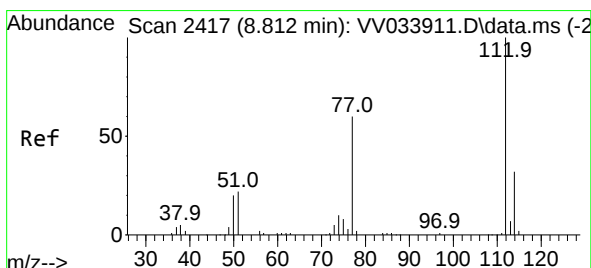
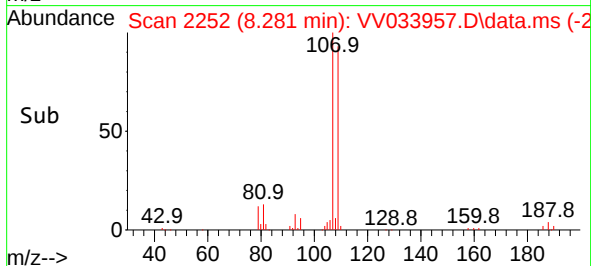
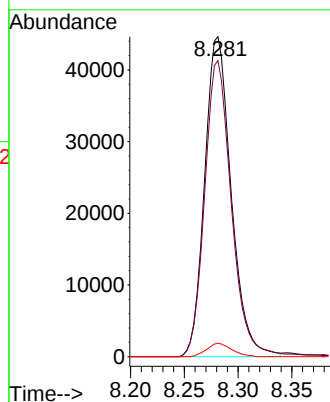
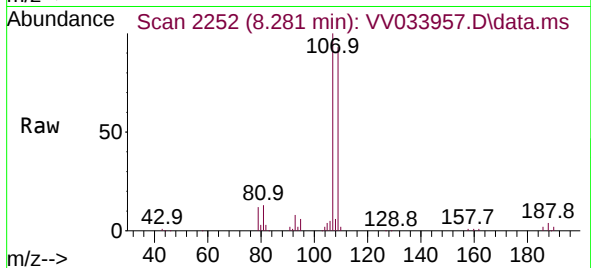
Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	76656
Ion Ratio	Lower	Upper
107	100	
109	92.5	66.4 123.4
188	4.2	2.7 4.1#



#51

Chlorobenzene

Concen: 53.441 ug/L

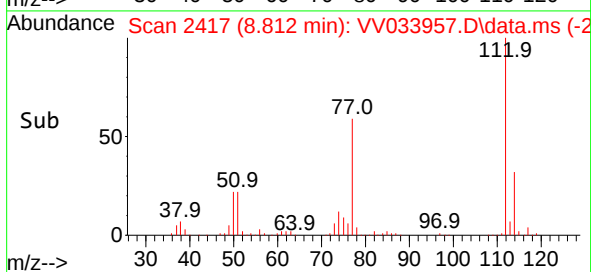
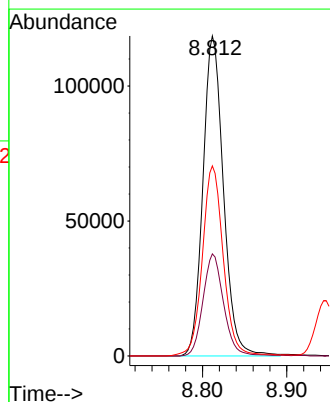
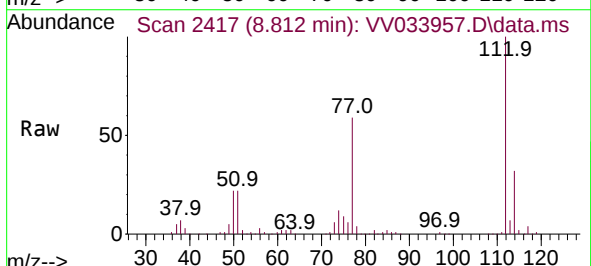
RT: 8.812 min Scan# 2417

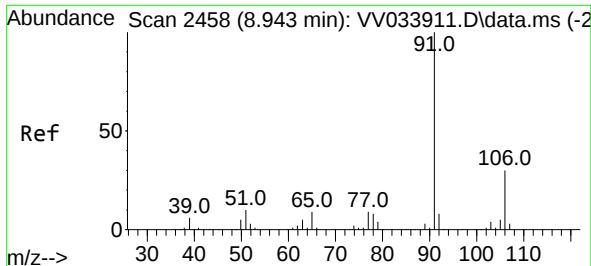
Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Tgt Ion:112	Resp:	201539
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.5 41.7
77	59.4	49.4 74.0





#52

Ethylbenzene

Concen: 52.391 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

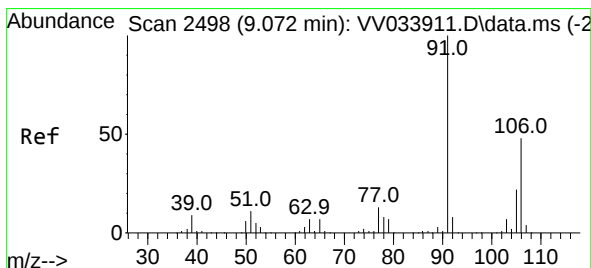
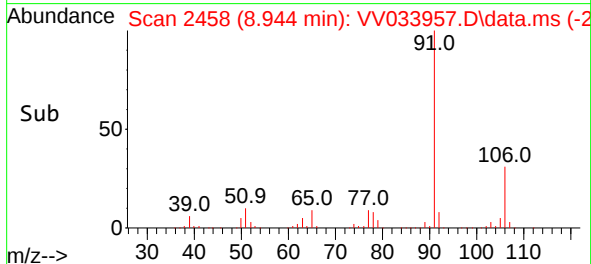
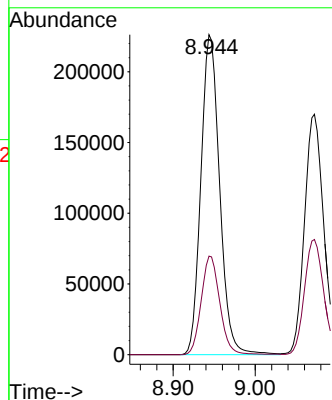
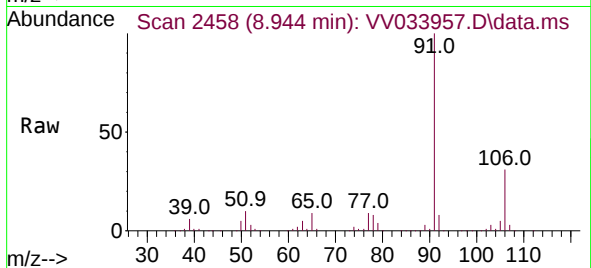
ClientSampleId :

Tgt Ion: 91 Resp: 359259

Ion Ratio Lower Upper

91 100

106 30.8 21.5 39.9



#53

m,p-Xylene

Concen: 53.280 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV033957.D

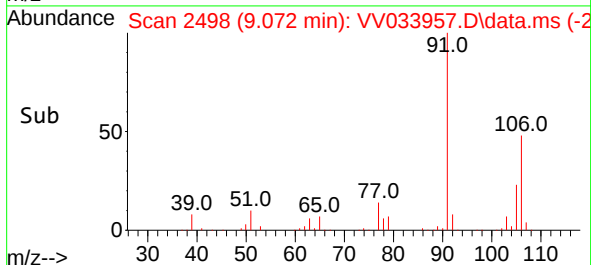
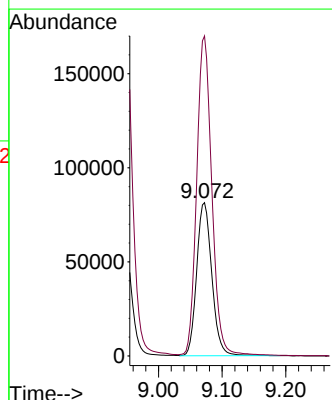
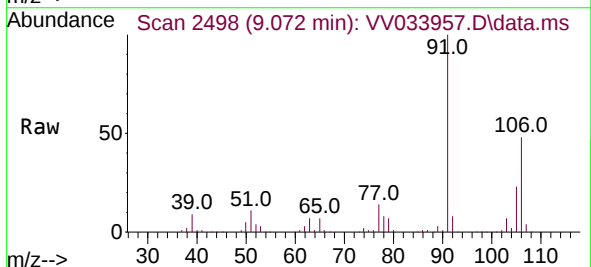
Acq: 02 Feb 2024 09:13

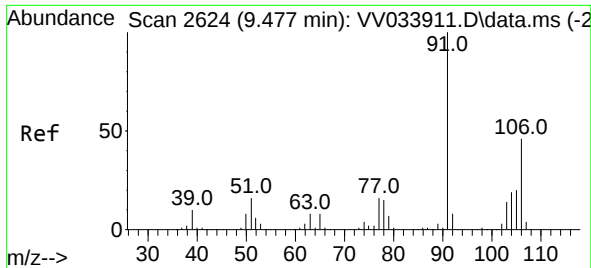
Tgt Ion:106 Resp: 134883

Ion Ratio Lower Upper

106 100

91 208.8 146.1 271.3

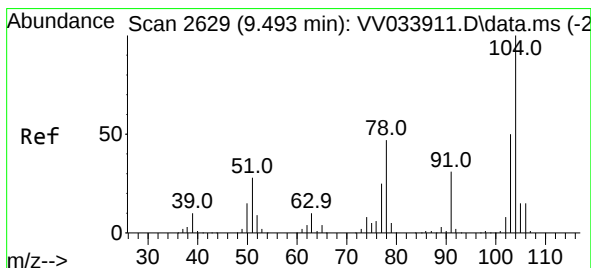
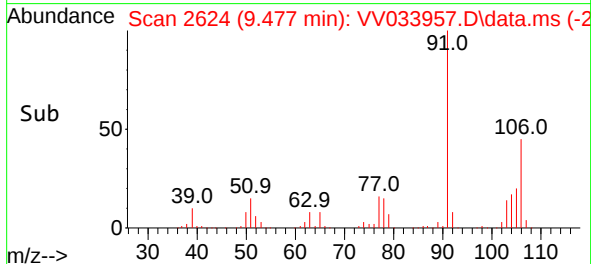
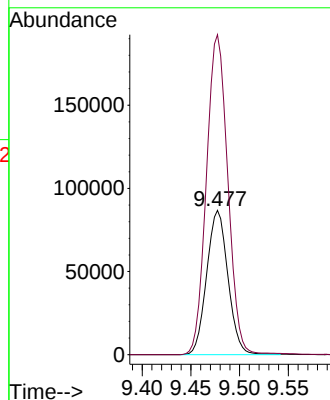
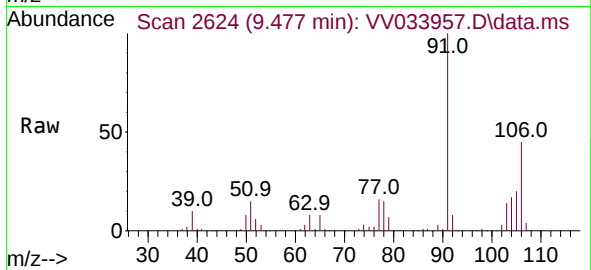




#54
o-Xylene
Concen: 52.625 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

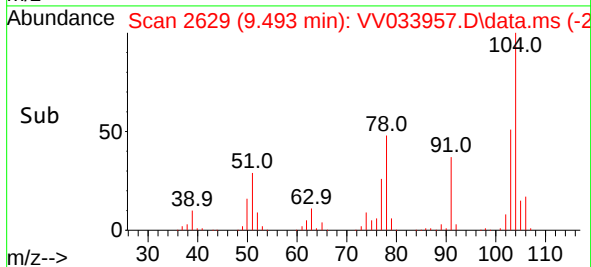
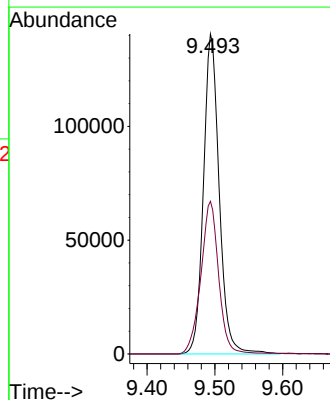
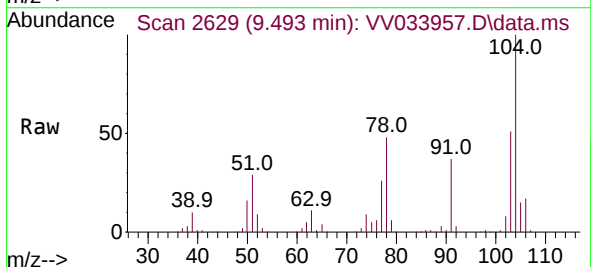
Instrument :
MSVOA_V
ClientSampleId :

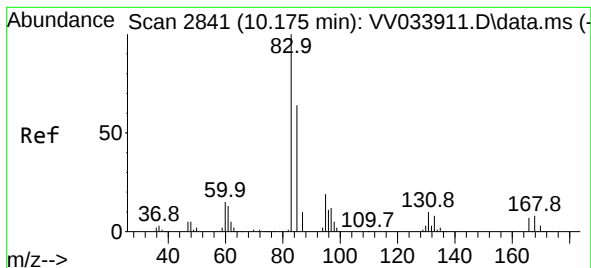
Tgt Ion:106 Resp: 131891
Ion Ratio Lower Upper
106 100
91 221.8 155.2 288.2



#55
Styrene
Concen: 52.542 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion:104 Resp: 227352
Ion Ratio Lower Upper
104 100
78 47.7 33.0 61.4

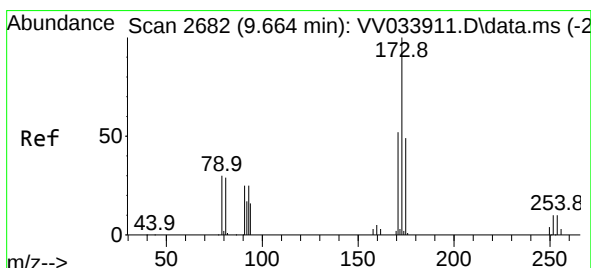
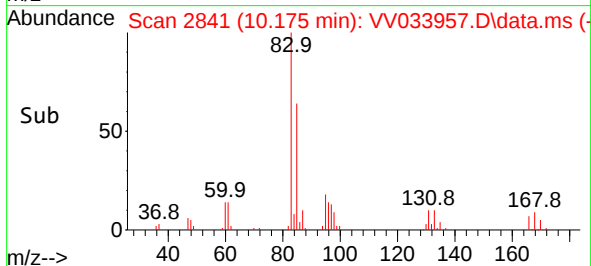
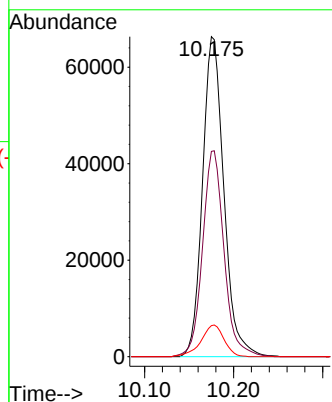
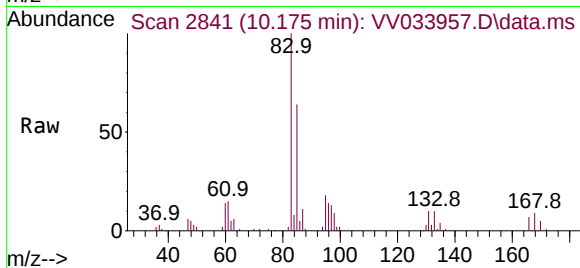




#57
1,1,2,2-Tetrachloroethane
Concen: 49.557 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

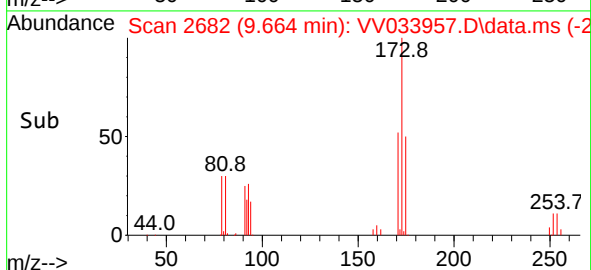
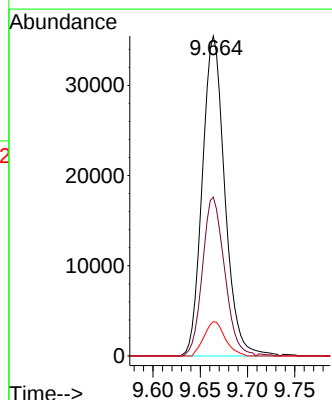
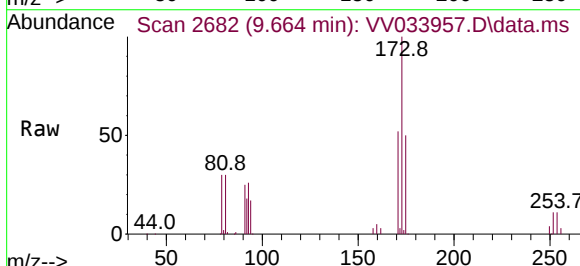
Instrument :
MSVOA_V
ClientSampleId :

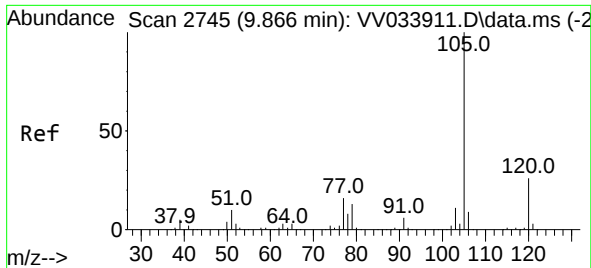
Tgt Ion: 83 Resp: 110285
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
131 9.7 7.5 11.3



#59
Bromoform
Concen: 55.172 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

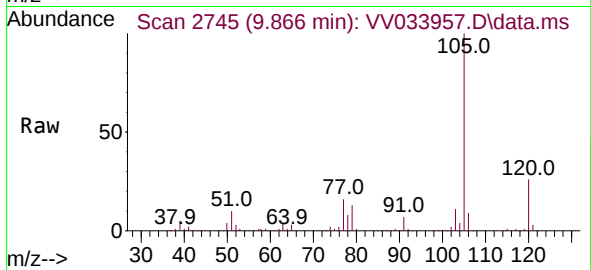
Tgt Ion: 173 Resp: 58757
Ion Ratio Lower Upper
173 100
175 48.7 37.2 55.8
254 10.0 7.4 11.0



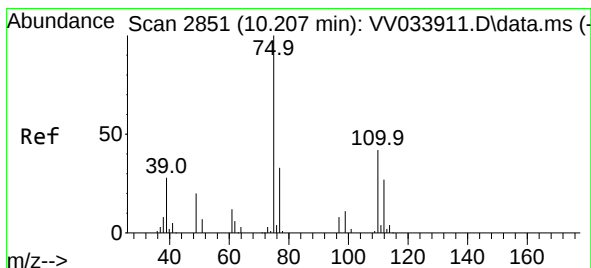
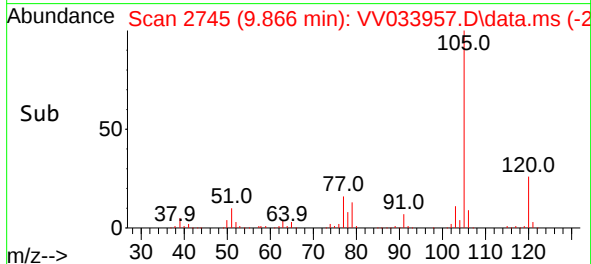
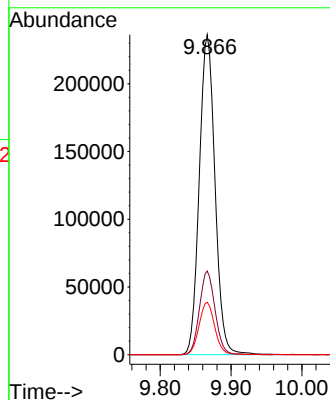


#60
Isopropylbenzene
Concen: 53.700 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Instrument :
MSVOA_V
ClientSampleId :

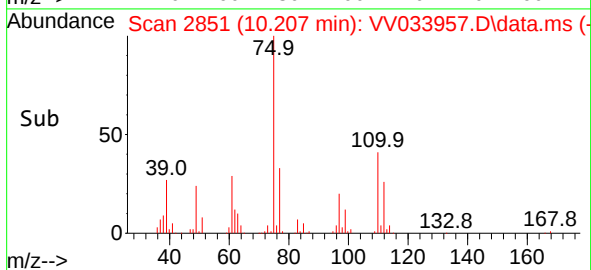
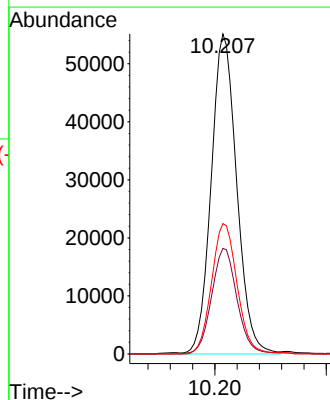
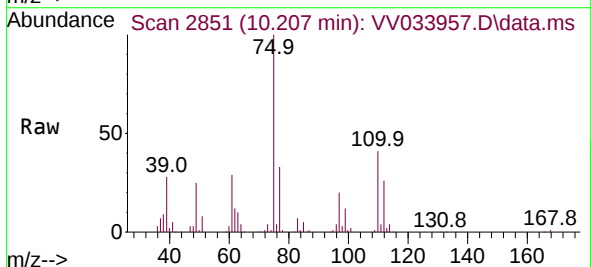


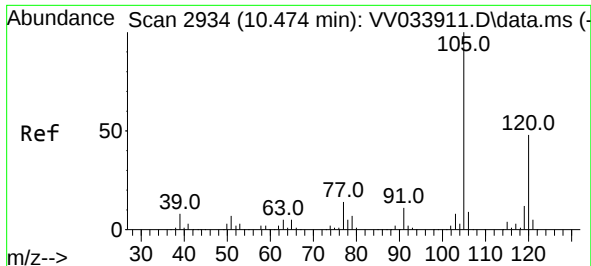
Tgt Ion:105 Resp: 364066
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 16.4 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 49.305 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion: 75 Resp: 87680
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
110 40.9 29.5 44.3

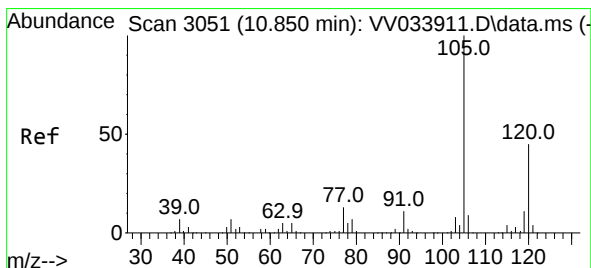
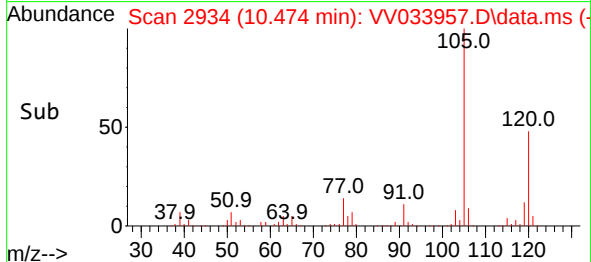
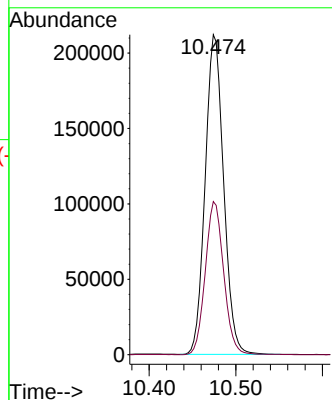
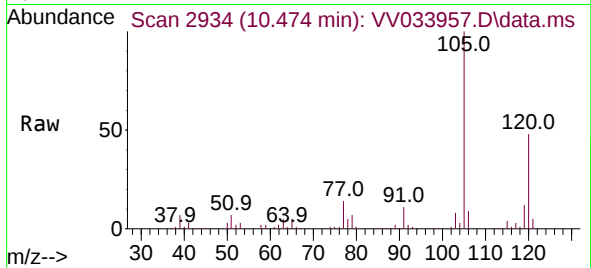




#62
1,3,5-Trimethylbenzene
Concen: 53.952 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

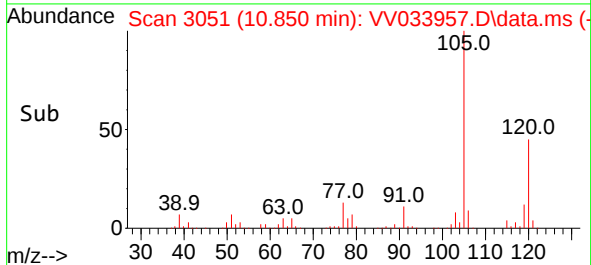
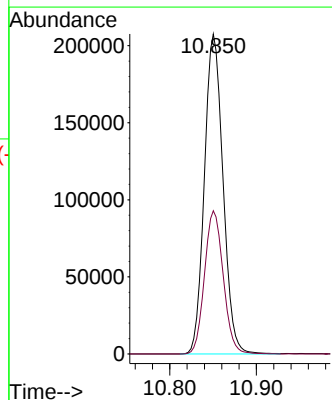
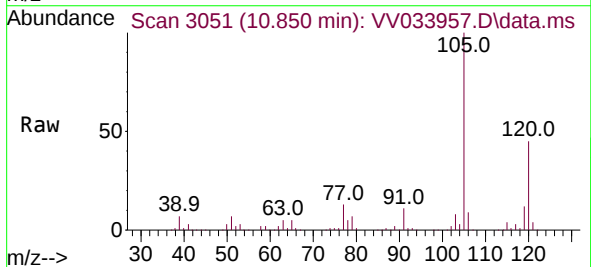
Instrument :
MSVOA_V
ClientSampleId :

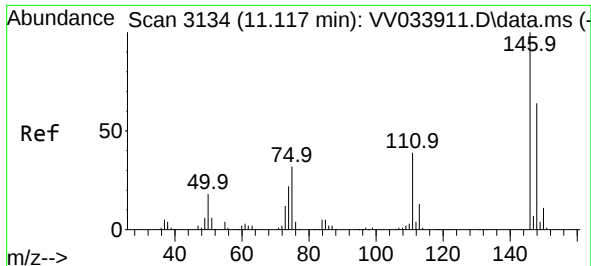
Tgt Ion:105 Resp: 313836
Ion Ratio Lower Upper
105 100
120 47.8 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 53.549 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

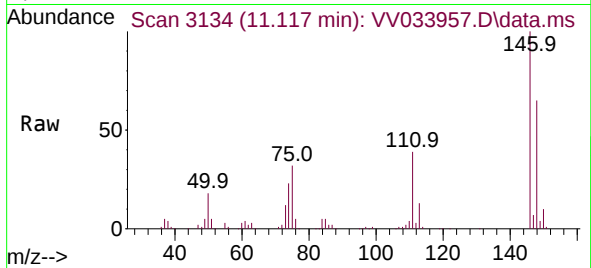
Tgt Ion:105 Resp: 310369
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.0



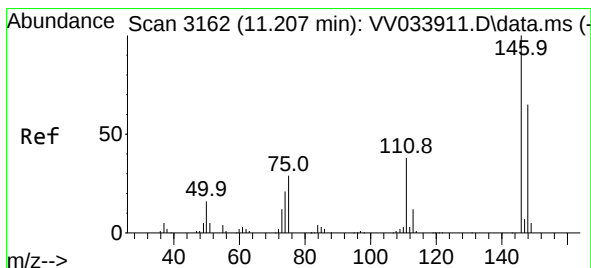
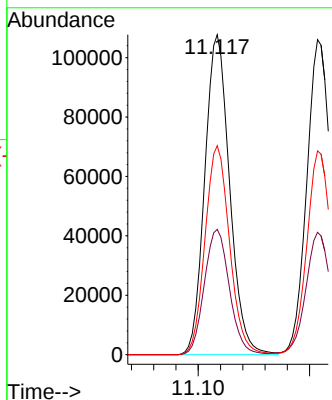
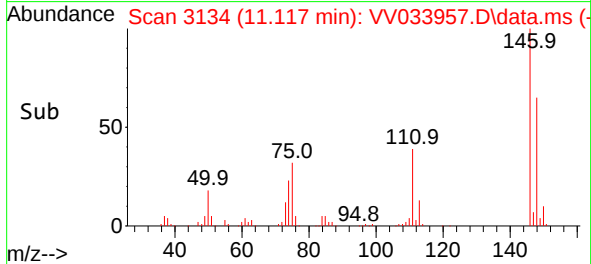


#64
1,3-Dichlorobenzene
Concen: 54.532 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

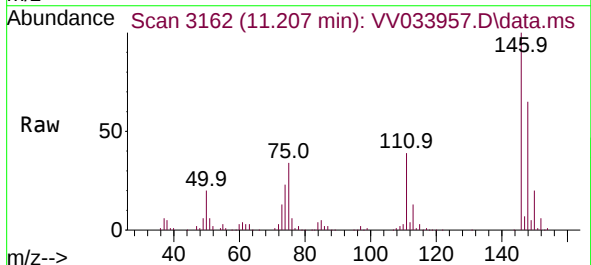
Instrument :
MSVOA_V
ClientSampleId :



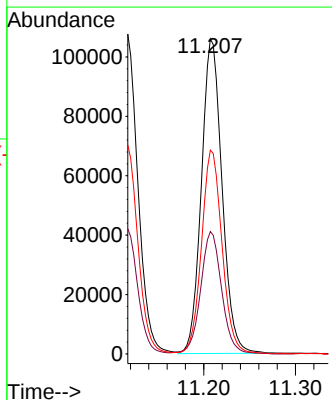
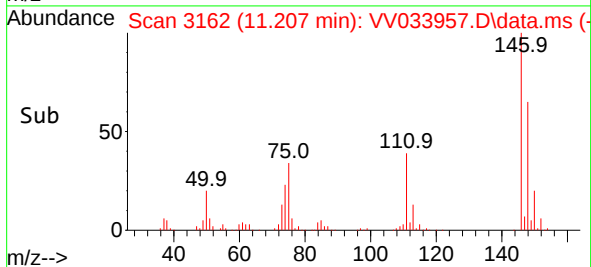
Tgt Ion:146 Resp: 166996
Ion Ratio Lower Upper
146 100
111 39.2 29.0 53.8
148 65.3 43.9 81.5

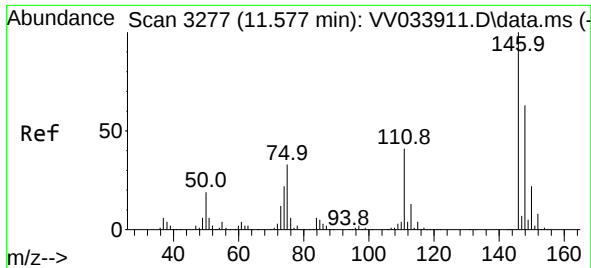


#65
1,4-Dichlorobenzene
Concen: 53.923 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13



Tgt Ion:146 Resp: 165575
Ion Ratio Lower Upper
146 100
111 38.8 27.7 51.5
148 64.7 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 55.180 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

Instrument :

MSVOA_V

ClientSampleId :

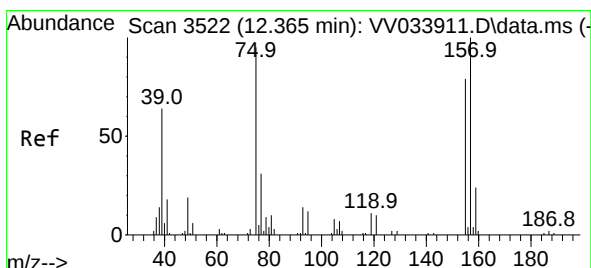
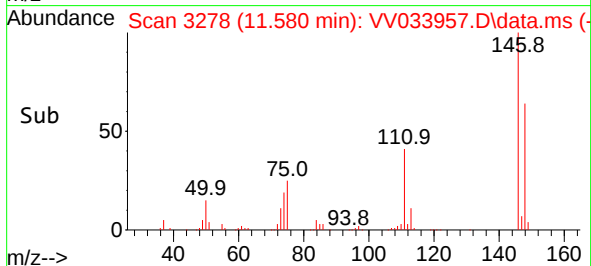
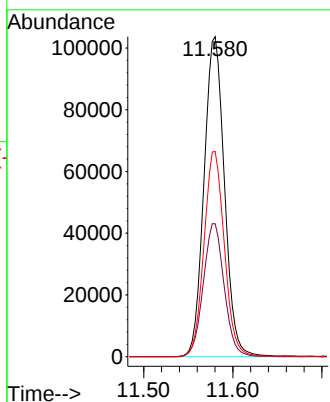
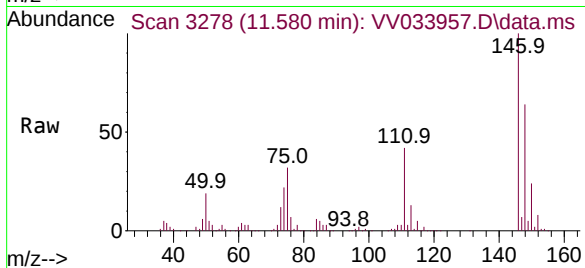
Tgt Ion:146 Resp: 165111

Ion Ratio Lower Upper

146 100

111 41.6 35.4 53.0

148 64.2 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 50.437 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV033957.D

Acq: 02 Feb 2024 09:13

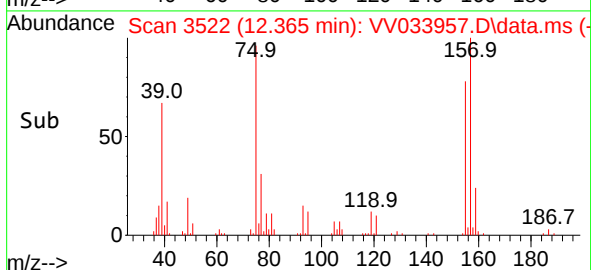
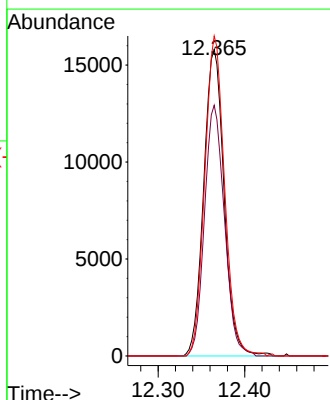
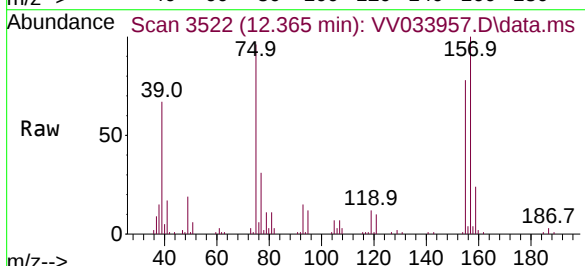
Tgt Ion: 75 Resp: 25883

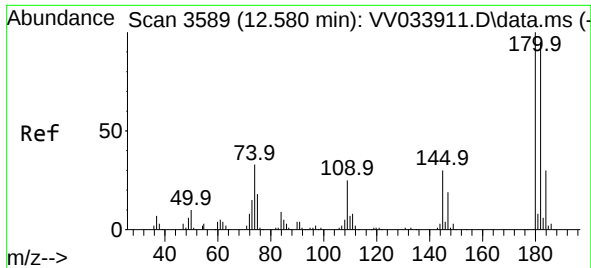
Ion Ratio Lower Upper

75 100

155 81.7 61.6 92.4

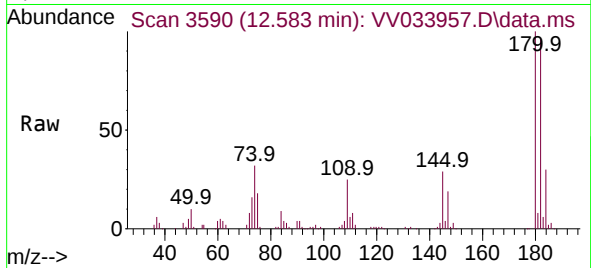
157 104.3 79.2 118.8



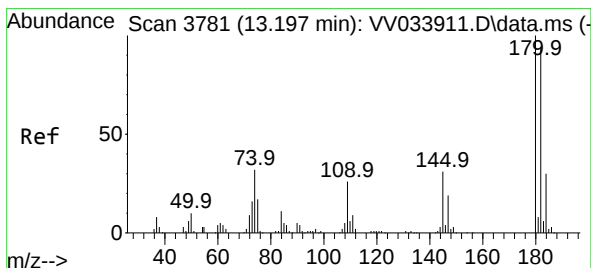
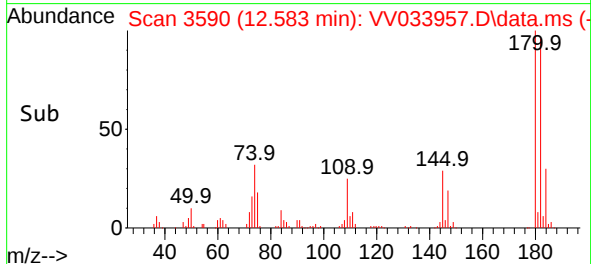
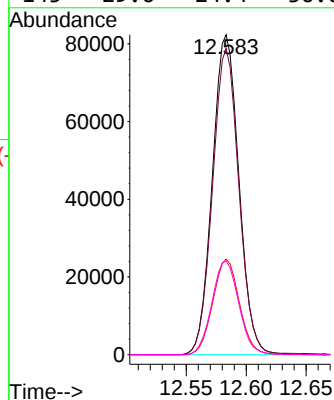


#69
1,3,5-Trichlorobenzene
Concen: 55.849 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Instrument :
MSVOA_V
ClientSampleId :

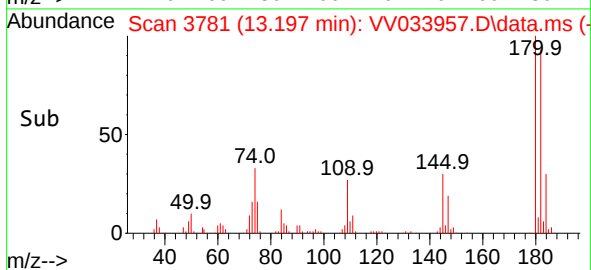
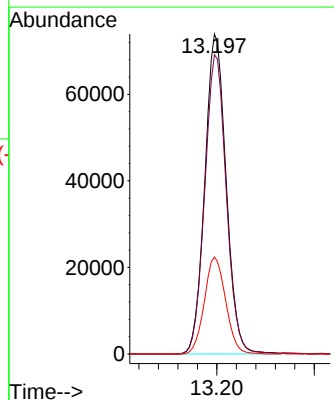
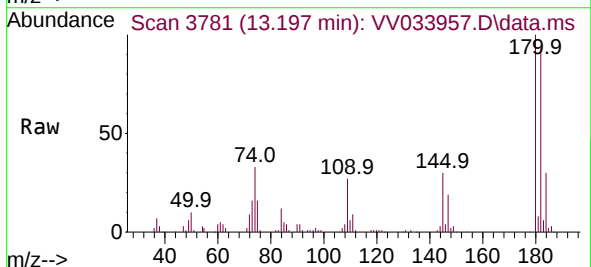


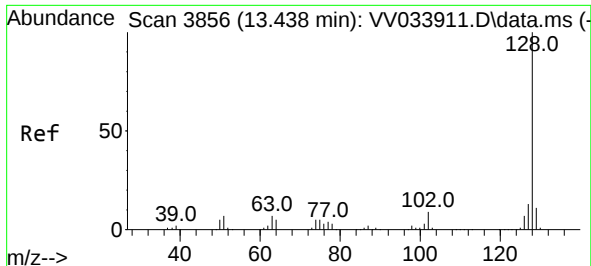
Tgt Ion:180 Resp: 126383
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.2
184 29.9 23.9 35.9
145 29.6 24.4 36.6



#70
1,2,4-trichlorobenzene
Concen: 54.762 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

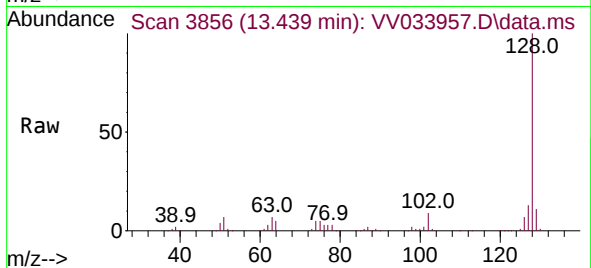
Tgt Ion:180 Resp: 112477
Ion Ratio Lower Upper
180 100
182 94.4 76.3 114.5
145 30.2 25.4 38.0



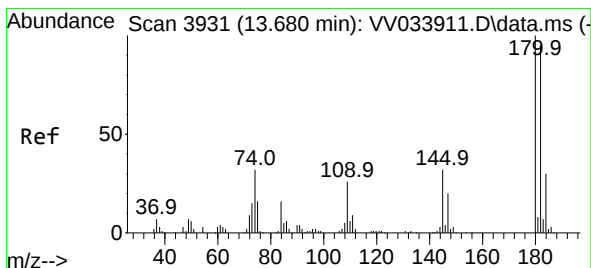
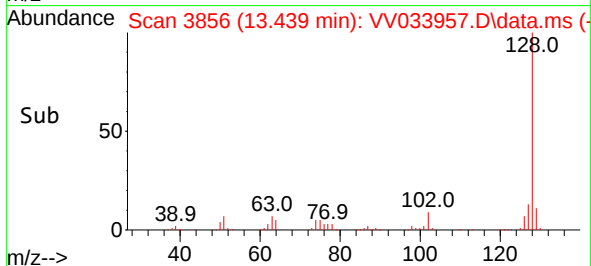
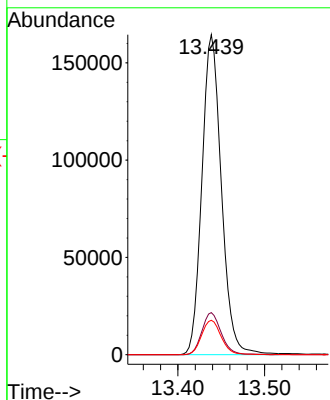


#71
Naphthalene
Concen: 47.895 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 257056
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 55.591 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV033957.D
Acq: 02 Feb 2024 09:13

Tgt Ion:180 Resp: 106574
Ion Ratio Lower Upper
180 100
182 97.8 76.0 114.0
145 32.6 26.3 39.5

