

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012424\
 Data File : VW033855.D
 Acq On : 24 Jan 2024 17:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 01:10:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	210351	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	196110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	101268	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	80390	49.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.460%
7) Chloroethane-d5	1.529	69	63416	49.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.060%
11) 1,1-Dichloroethene-d2	2.060	65	35654	51.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.500%
21) 2-Butanone-d5	3.783	46	89291	80.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.520%
24) Chloroform-d	4.249	84	134240	46.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
26) 1,2-Dichloroethane-d4	4.941	65	88511	47.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
32) Benzene-d6	4.960	84	257464	46.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
36) 1,2-Dichloropropane-d6	5.989	67	78370	42.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.400%
41) Toluene-d8	7.243	98	236499	47.080	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.160%
43) trans-1,3-Dichloroprop...	7.551	79	41188	45.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
47) 2-Hexanone-d5	8.021	63	63370	83.246	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.250%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	98865	42.198	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	92020	47.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	72916	41.668	ug/L	100
3) Chloromethane	1.217	50	84654	42.542	ug/L	99
5) Vinyl chloride	1.285	62	85720	45.029	ug/L	99
6) Bromomethane	1.481	94	42328	42.544	ug/L	100
8) Chloroethane	1.545	64	54733	48.217	ug/L	97
9) Trichlorofluoromethane	1.712	101	130744	57.554	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	70864	52.948	ug/L	96
12) 1,1-Dichloroethene	2.069	96	65769	52.097	ug/L	94
13) Acetone	2.108	43	98133	92.560	ug/L	100
14) Carbon disulfide	2.240	76	191057	44.528	ug/L	99
15) Methyl Acetate	2.372	43	77450	44.674	ug/L #	100
16) Methylene chloride	2.445	84	71475	46.410	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	65138	46.191	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	244748	48.257	ug/L	99
19) 1,1-Dichloroethane	3.111	63	133846	46.426	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	77204	49.191	ug/L	95
22) 2-Butanone	3.860	43	104631	81.256	ug/L	100
23) Bromochloromethane	4.146	128	38636	50.673	ug/L #	82
25) Chloroform	4.275	83	136249	49.845	ug/L	96

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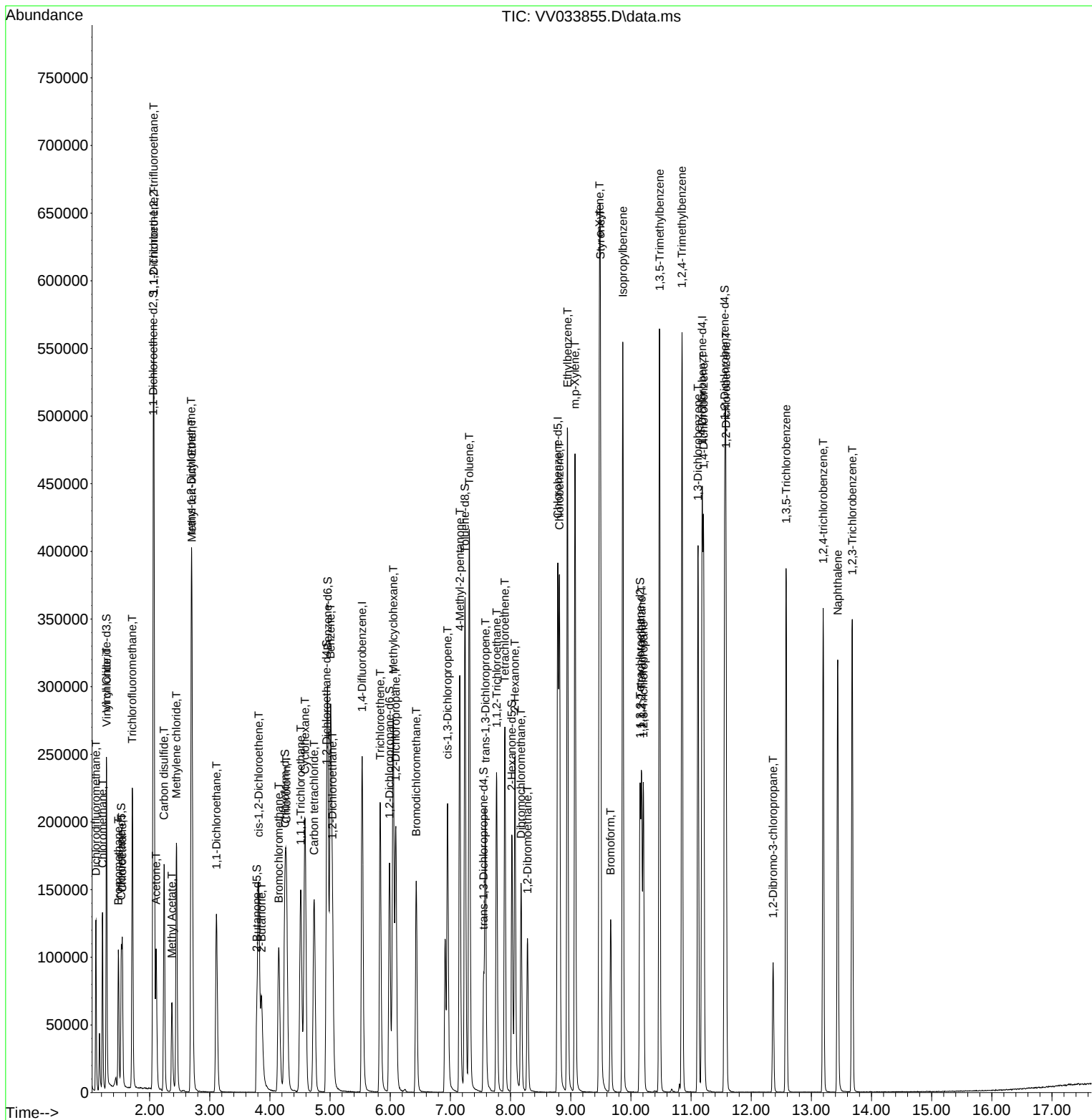
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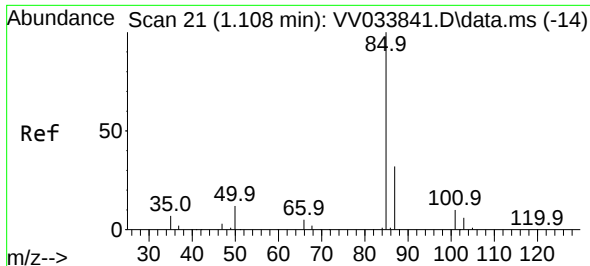
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	113113	49.543	ug/L	99
29) Cyclohexane	4.584	56	118453	42.845	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	123980	52.681	ug/L	98
31) Carbon tetrachloride	4.735	117	109531	54.526	ug/L	99
33) Benzene	5.008	78	276965	48.084	ug/L	100
34) Trichloroethene	5.834	95	74811	48.418	ug/L	96
35) Methylcyclohexane	6.050	83	119010	45.007	ug/L	95
37) 1,2-Dichloropropane	6.092	63	73636	46.457	ug/L	98
38) Bromodichloromethane	6.432	83	102390	49.379	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	125078	47.255	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	202498	86.220	ug/L	97
42) Toluene	7.313	91	296978	48.774	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	116985	47.961	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	69502	48.327	ug/L	99
46) Tetrachloroethene	7.905	164	57557	50.787	ug/L	99
48) 2-Hexanone	8.072	43	156397	83.571	ug/L	97
49) Dibromochloromethane	8.175	129	73914	49.347	ug/L	99
50) 1,2-Dibromoethane	8.281	107	72548	47.734	ug/L	99
51) Chlorobenzene	8.812	112	190066	49.004	ug/L	99
52) Ethylbenzene	8.947	91	338275	47.966	ug/L	99
53) m,p-Xylene	9.072	106	125827	48.328	ug/L	99
54) o-Xylene	9.477	106	125182	48.566	ug/L	99
55) Styrene	9.493	104	212367	47.721	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	106494	46.529	ug/L	99
59) Bromoform	9.664	173	54083	50.249	ug/L	98
60) Isopropylbenzene	9.866	105	344341	50.257	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	85245	47.431	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	292564	49.766	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	292519	49.939	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	151070	48.813	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	151607	48.855	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	153322	50.701	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	23899	46.081	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	113935	49.819	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	101840	49.061	ug/L	99
71) Naphthalene	13.439	128	242309	44.672	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	99829	51.525	ug/L	99

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

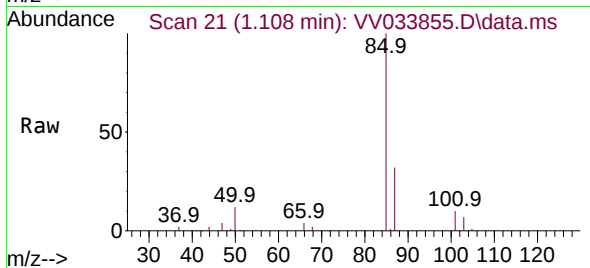
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Quant Title : VOC Analysis
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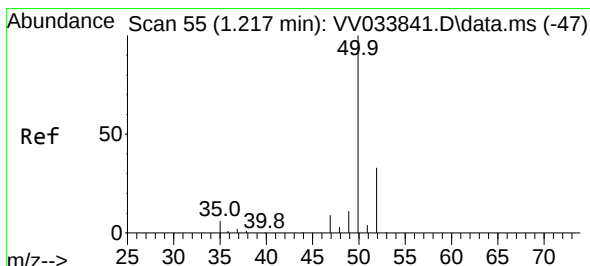
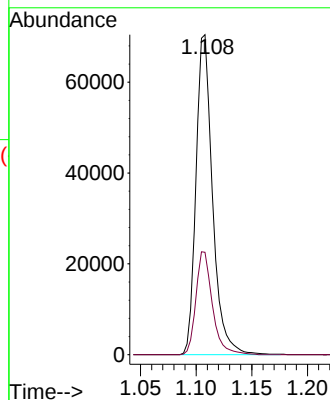
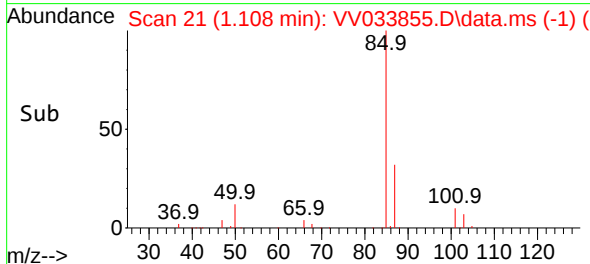


#2
 Dichlorodifluoromethane
 Concen: 41.668 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033855.D
 Acq: 24 Jan 2024 17:55

Instrument :
 MSVOA_V
 ClientSampleId :

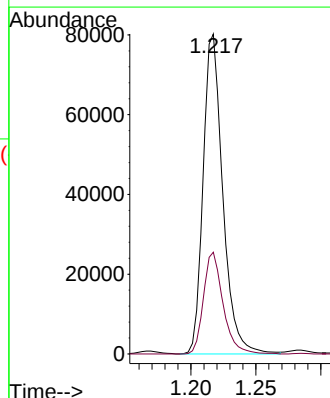
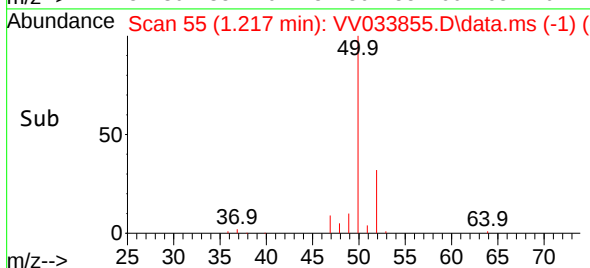
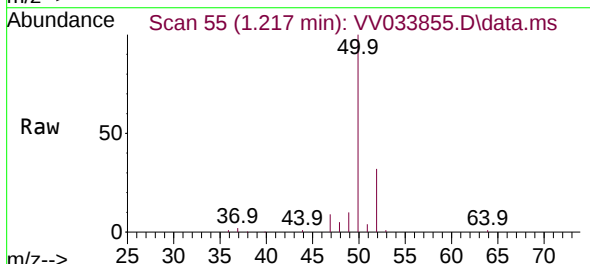


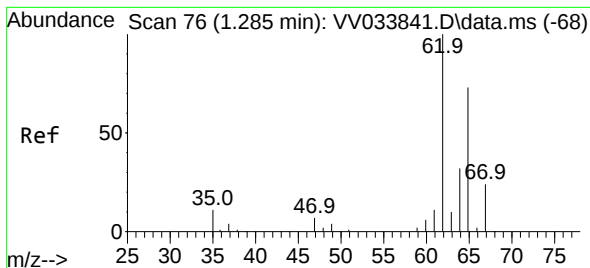
Tgt Ion: 85 Resp: 72916
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 42.542 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033855.D
 Acq: 24 Jan 2024 17:55

Tgt Ion: 50 Resp: 84654
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.8 42.4





#5

Vinyl chloride

Concen: 45.029 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

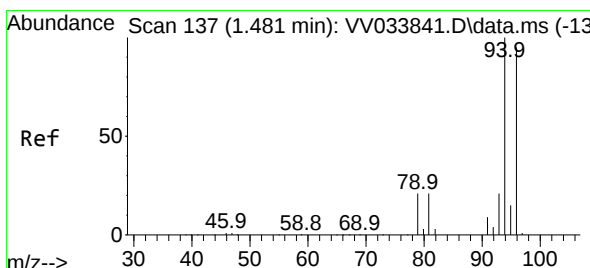
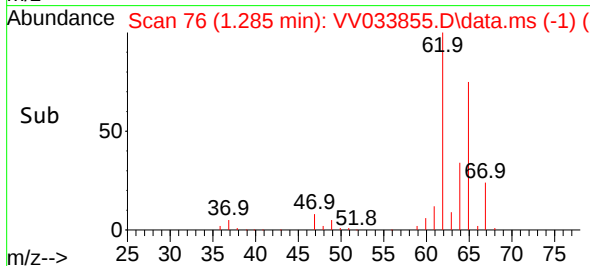
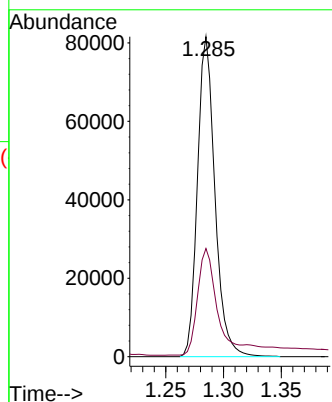
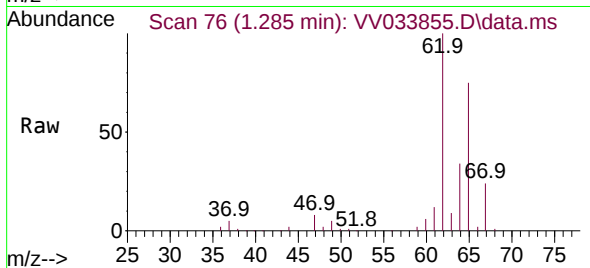
ClientSampleId :

Tgt Ion: 62 Resp: 85720

Ion Ratio Lower Upper

62 100

64 33.8 23.2 43.0



#6

Bromomethane

Concen: 42.544 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.000 min

Lab File: VV033855.D

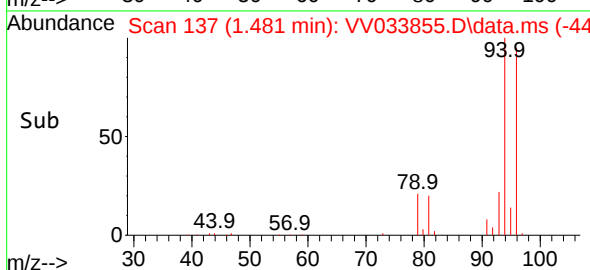
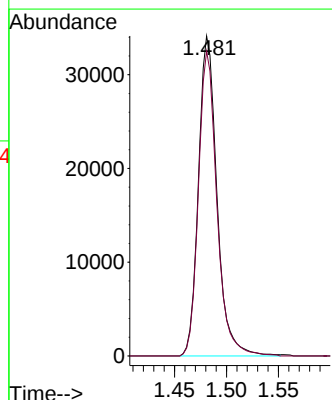
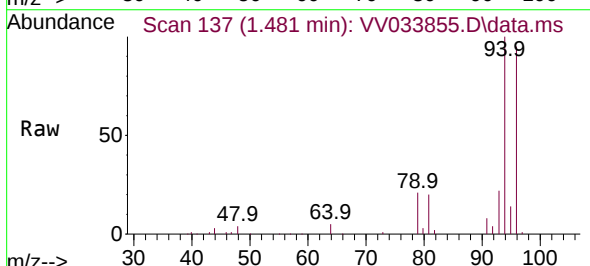
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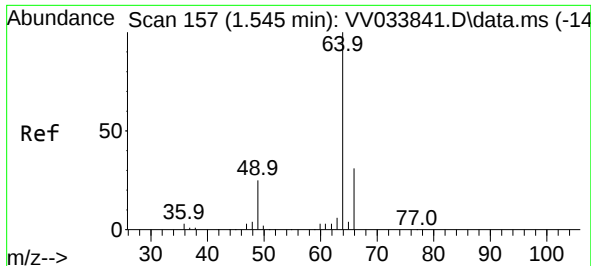
Tgt Ion: 94 Resp: 42328

Ion Ratio Lower Upper

94 100

96 95.3 66.4 123.2

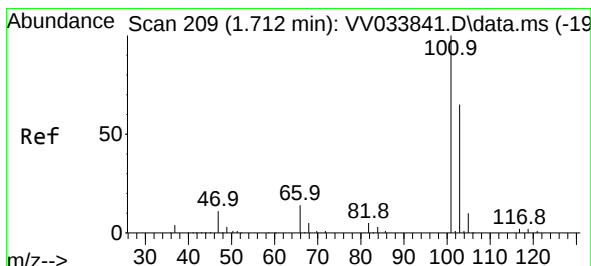
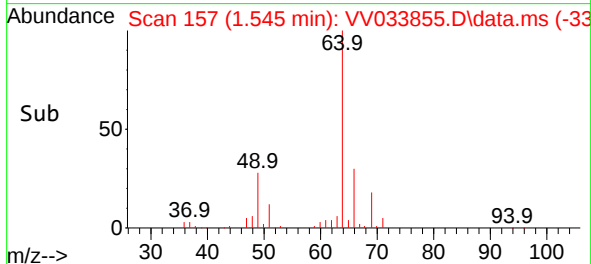
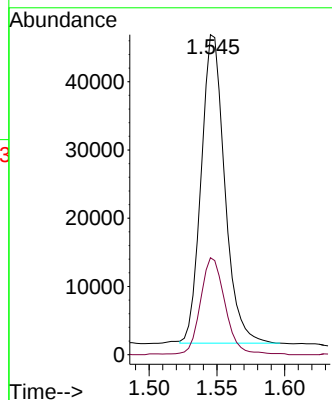
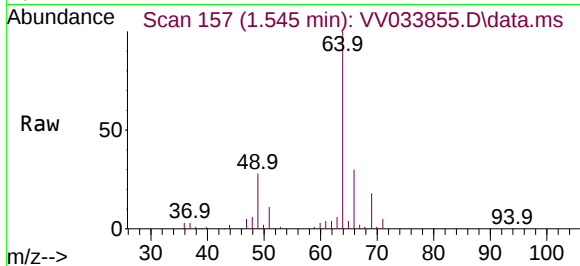




#8
Chloroethane
Concen: 48.217 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

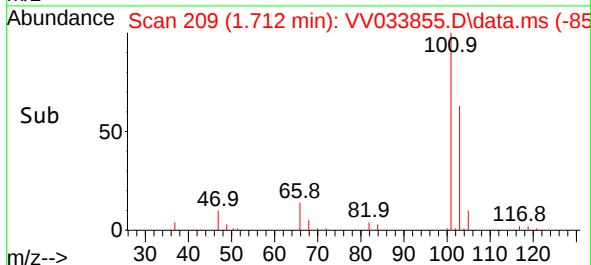
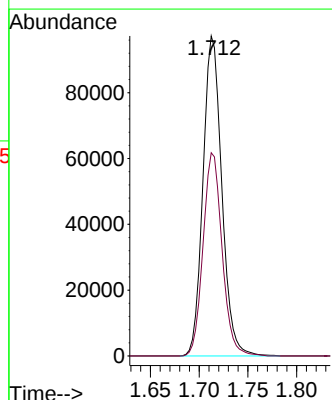
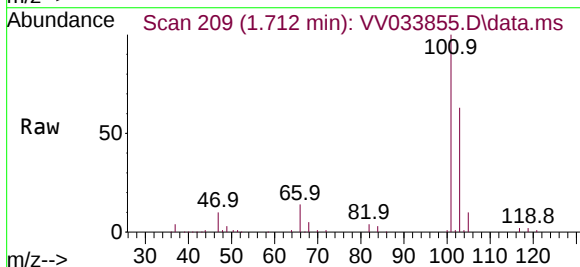
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MSVOA_V
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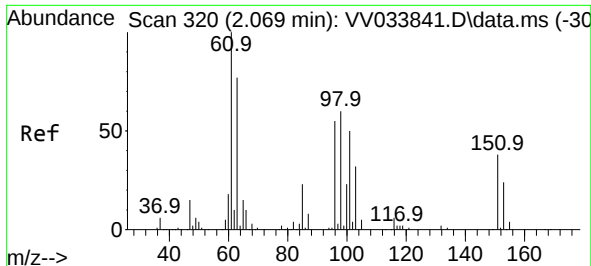
Tgt Ion: 64 Resp: 54733
Ion Ratio Lower Upper
64 100
66 30.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 57.554 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion:101 Resp: 130744
Ion Ratio Lower Upper
101 100
103 64.0 51.3 76.9

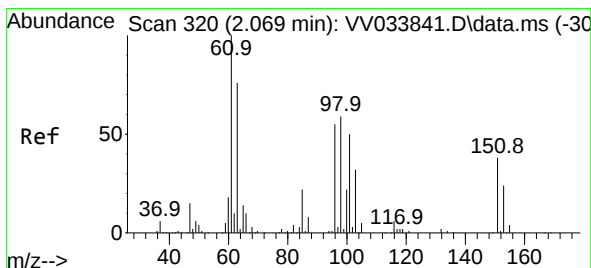
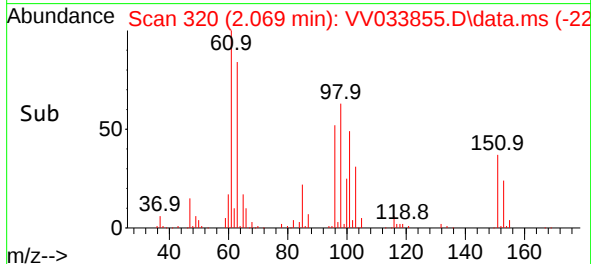
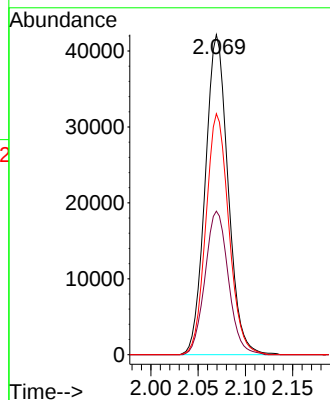
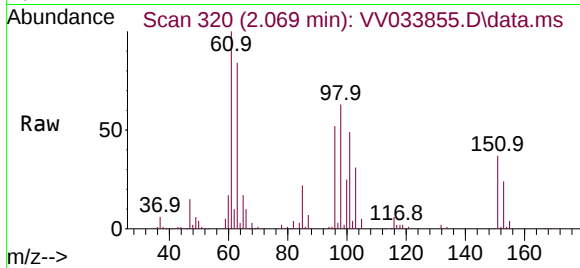




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.948 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033855.D
 Acq: 24 Jan 2024 17:55

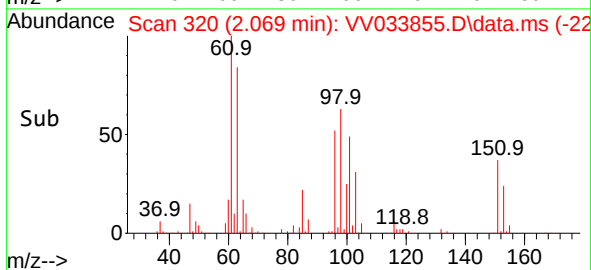
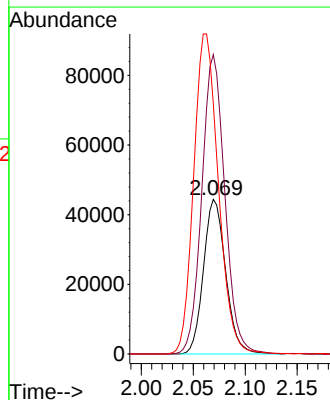
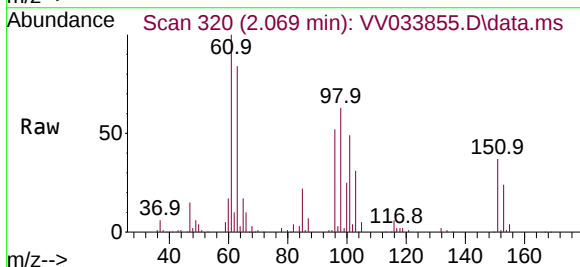
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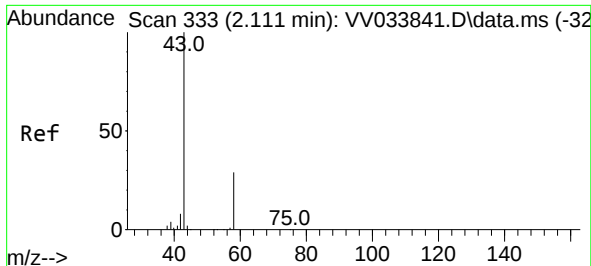
Tgt Ion:101 Resp: 70864
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.2 54.4
 151 75.7 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 52.097 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033855.D
 Acq: 24 Jan 2024 17:55

Tgt Ion: 96 Resp: 65769
 Ion Ratio Lower Upper
 96 100
 61 193.8 134.0 248.8
 63 162.0 103.4 192.0





#13

Acetone

Concen: 92.560 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

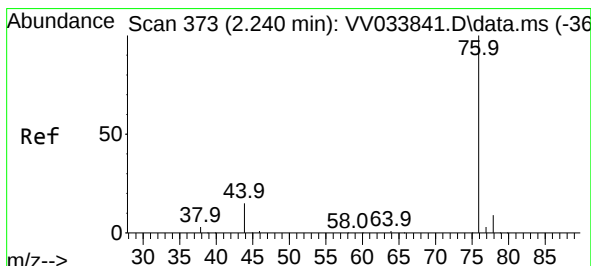
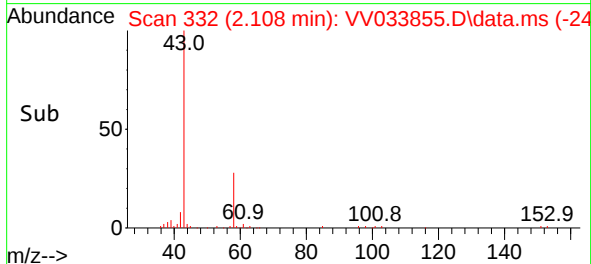
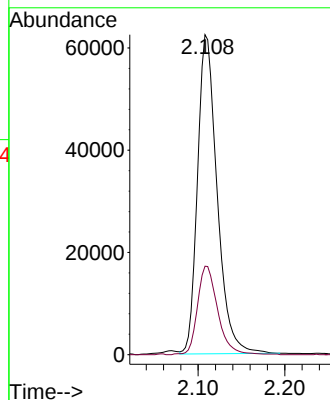
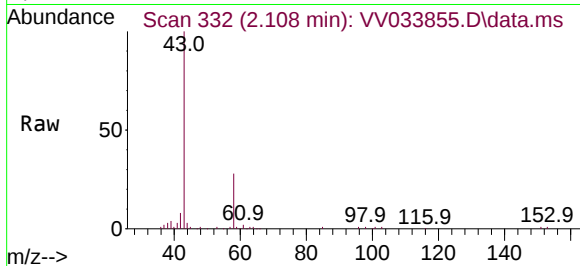
ClientSampleId :

Tgt Ion: 43 Resp: 98133

Ion Ratio Lower Upper

43 100

58 28.5 0.0 57.2



#14

Carbon disulfide

Concen: 44.528 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033855.D

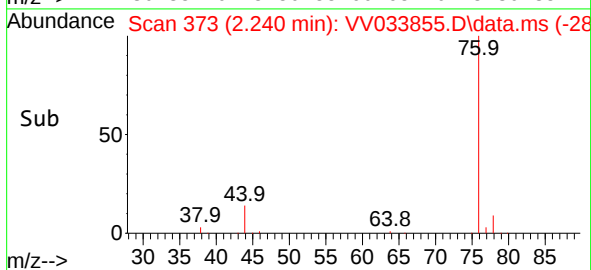
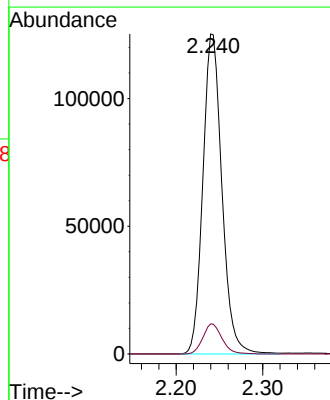
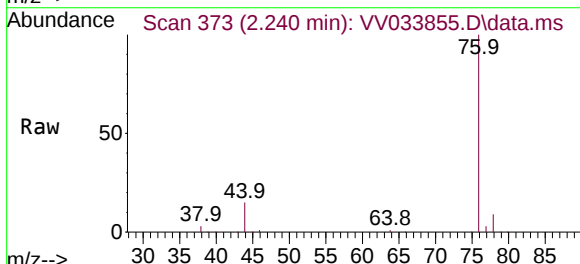
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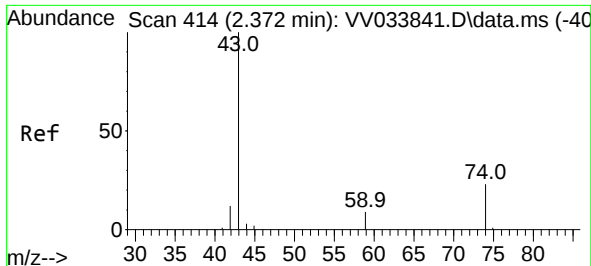
Tgt Ion: 76 Resp: 191057

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

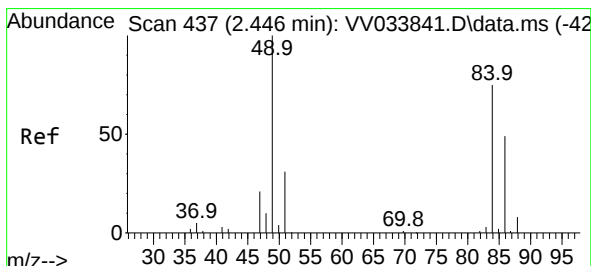
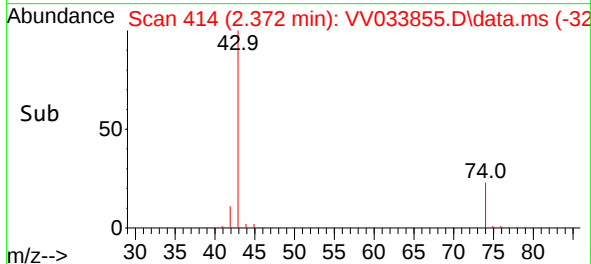
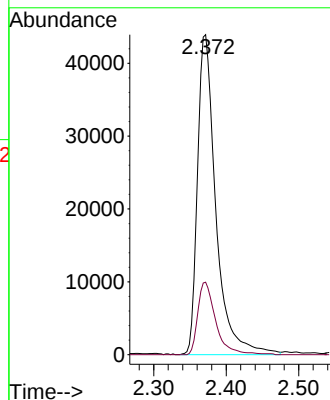
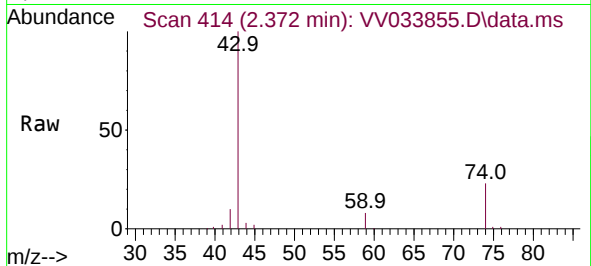




#15
Methyl Acetate
Concen: 44.674 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

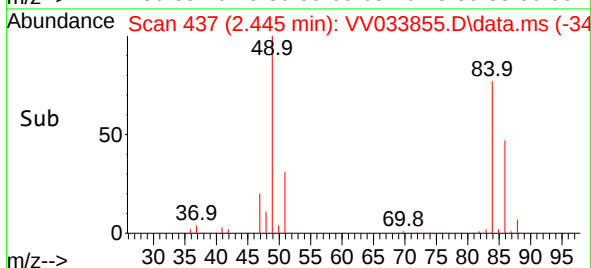
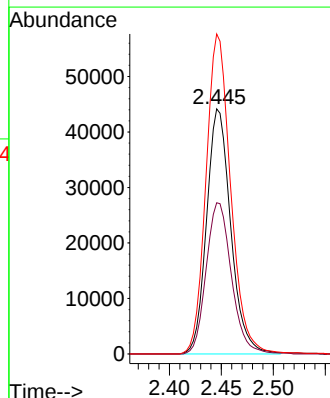
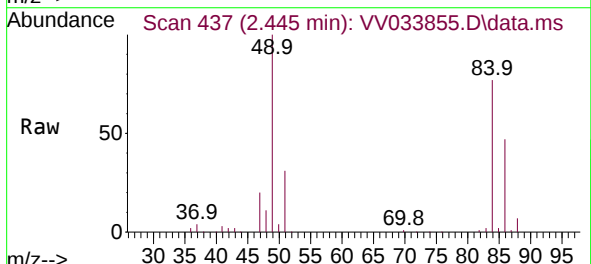
Instrument :
MSVOA_V
ClientSampleId :

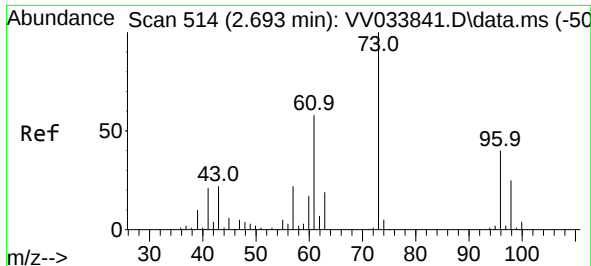
Tgt Ion: 43 Resp: 77450
Ion Ratio Lower Upper
43 100
74 21.7 0.0 0.0#



#16
Methylene chloride
Concen: 46.410 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

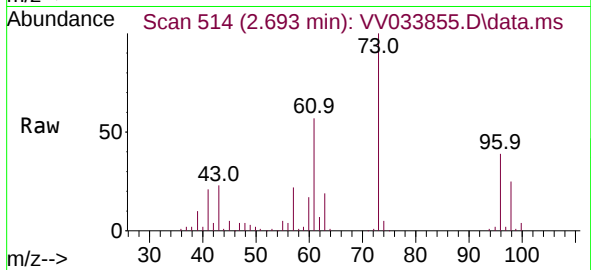
Tgt Ion: 84 Resp: 71475
Ion Ratio Lower Upper
84 100
86 61.7 43.9 81.5
49 130.6 98.3 182.5



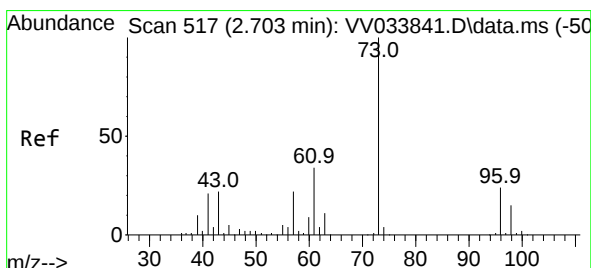
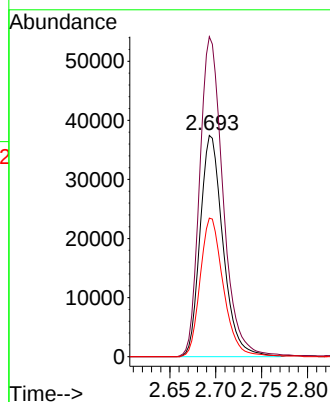
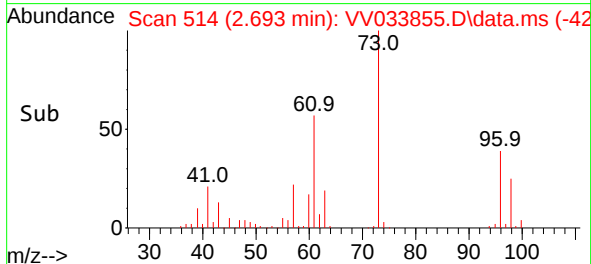


#17
trans-1,2-Dichloroethene
Concen: 46.191 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Instrument :
MSVOA_V
ClientSampleId :

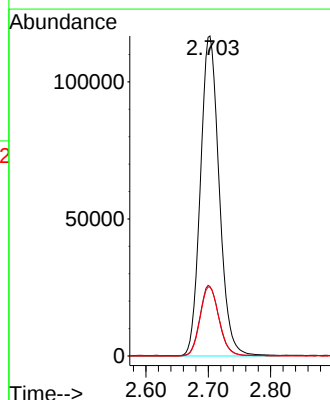
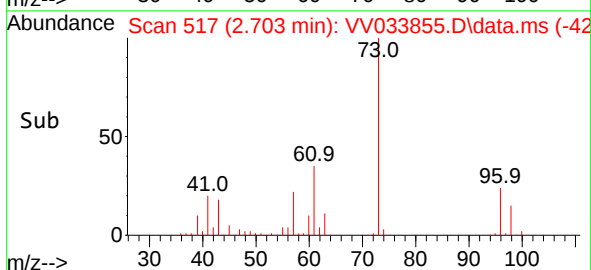
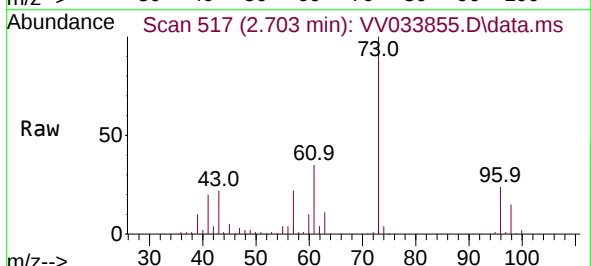


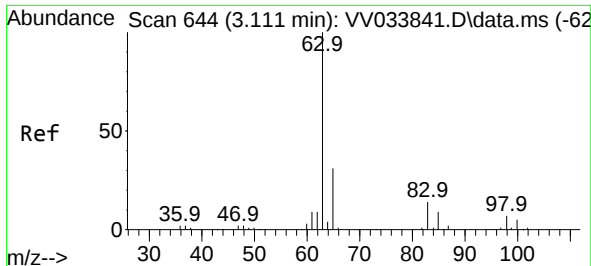
Tgt Ion: 96 Resp: 65138
Ion Ratio Lower Upper
96 100
61 144.6 108.4 201.4
98 62.6 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 48.257 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

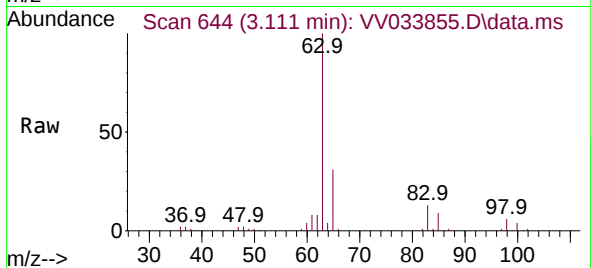
Tgt Ion: 73 Resp: 244748
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 21.9 18.6 27.8



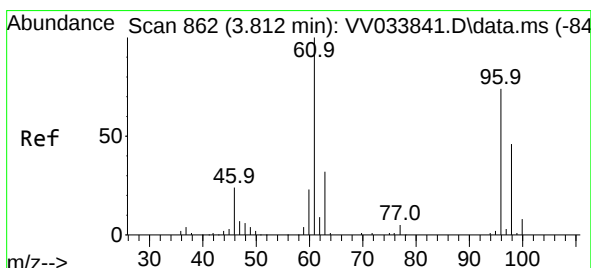
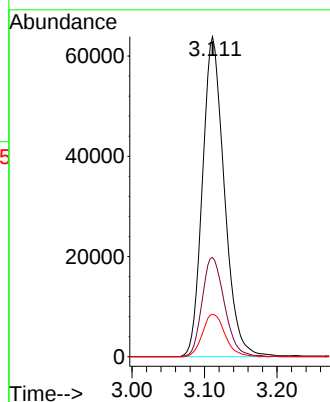
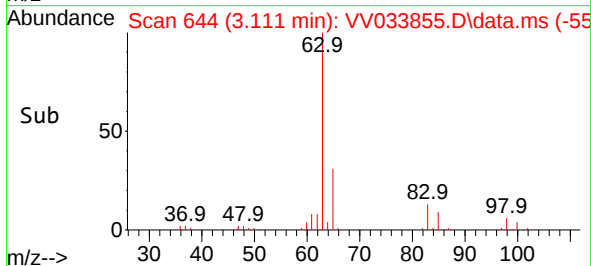


#19
1,1-Dichloroethane
Concen: 46.426 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Instrument :
MSVOA_V
ClientSampleId :

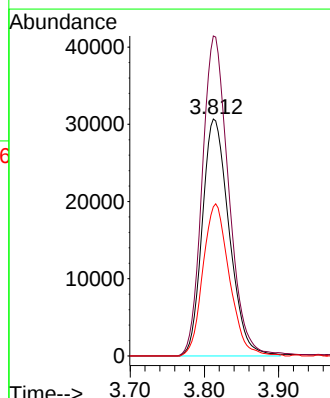
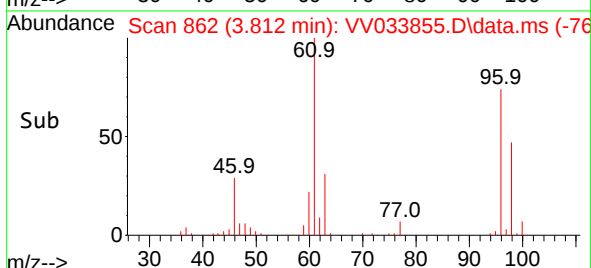
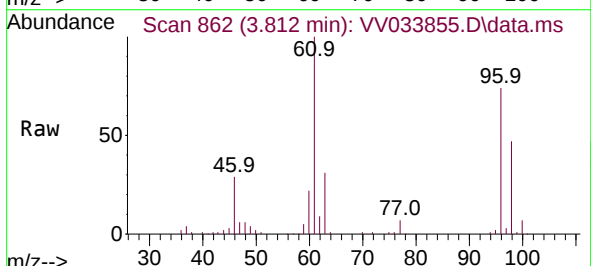


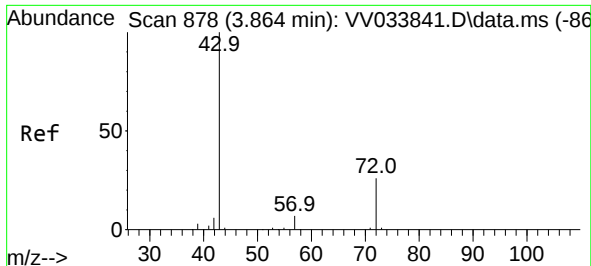
Tgt Ion: 63 Resp: 133846
Ion Ratio Lower Upper
63 100
65 31.0 22.4 41.6
83 13.2 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 49.191 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion: 96 Resp: 77204
Ion Ratio Lower Upper
96 100
61 135.0 100.6 186.8
98 62.9 44.6 82.8

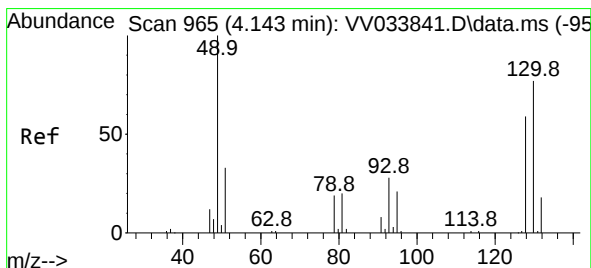
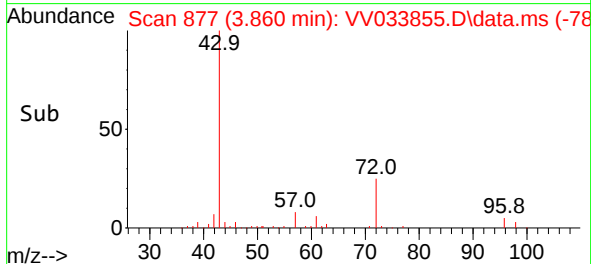
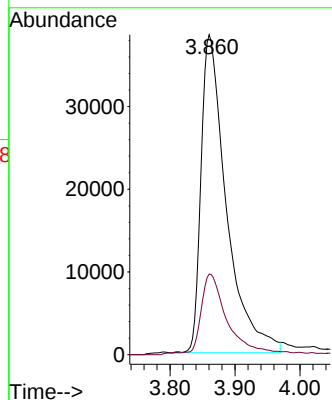
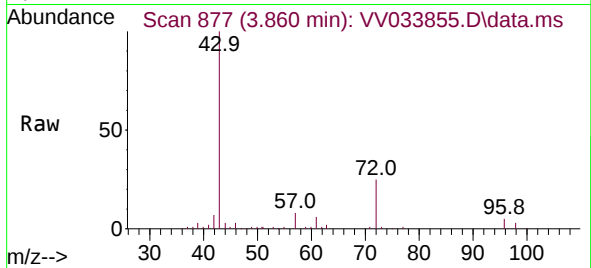




#22
2-Butanone
Concen: 81.256 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

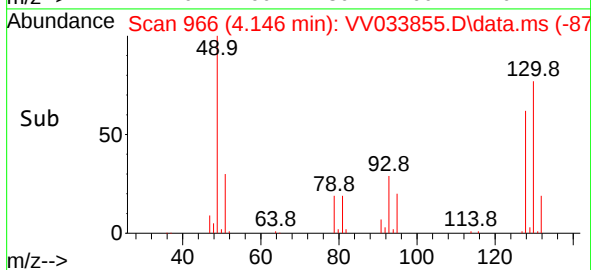
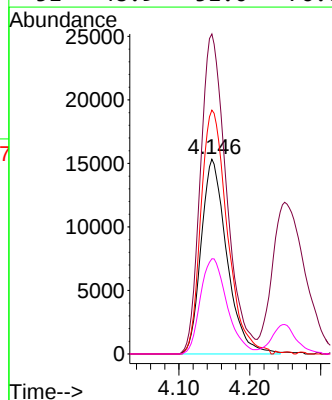
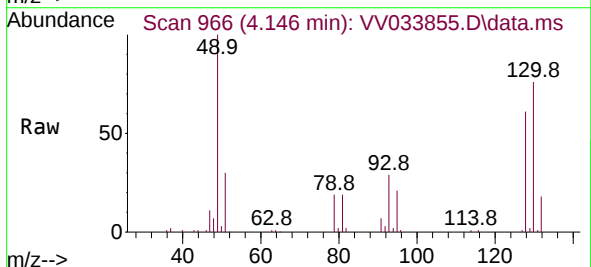
Instrument :
MSVOA_V
ClientSampleId :

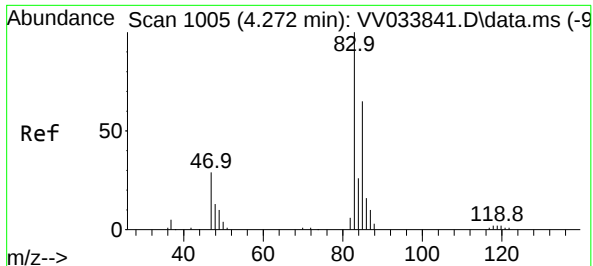
Tgt Ion: 43 Resp: 104631
Ion Ratio Lower Upper
43 100
72 23.9 11.9 35.5



#23
Bromochloromethane
Concen: 50.673 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion:128 Resp: 38636
Ion Ratio Lower Upper
128 100
49 164.4 143.9 267.2
130 125.3 90.6 168.2
51 48.9 51.0 76.6#





#25

Chloroform

Concen: 49.845 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

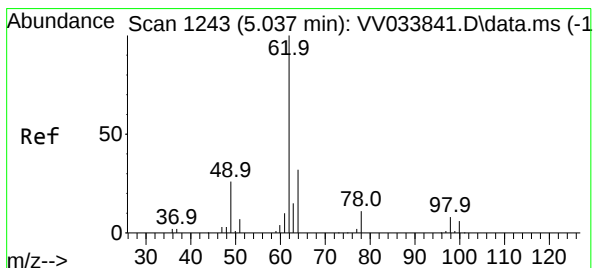
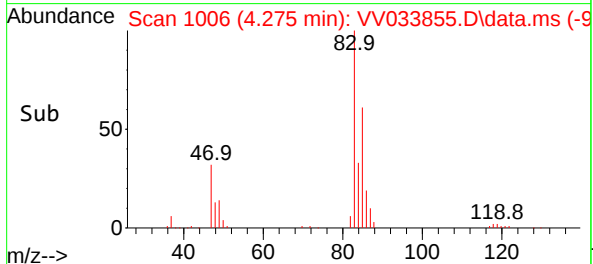
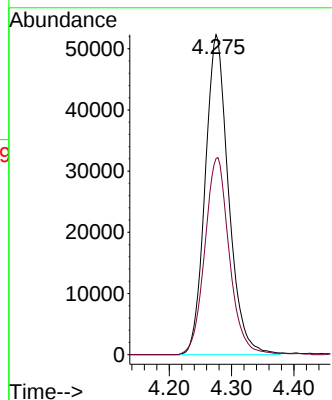
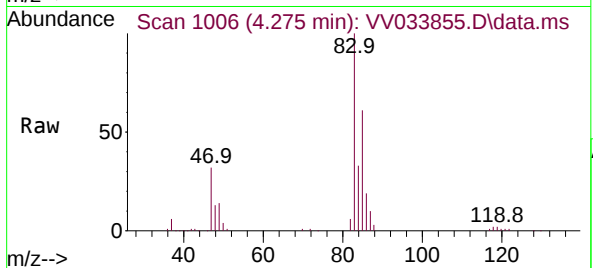
ClientSampleId :

Tgt Ion: 83 Resp: 136249

Ion Ratio Lower Upper

83 100

85 61.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 49.543 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033855.D

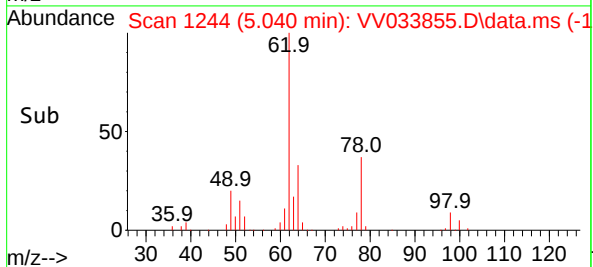
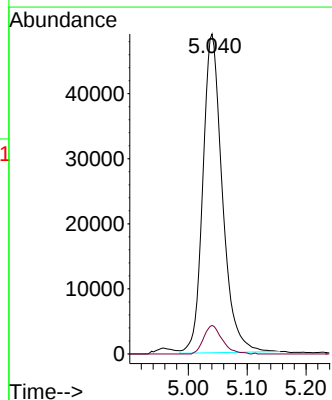
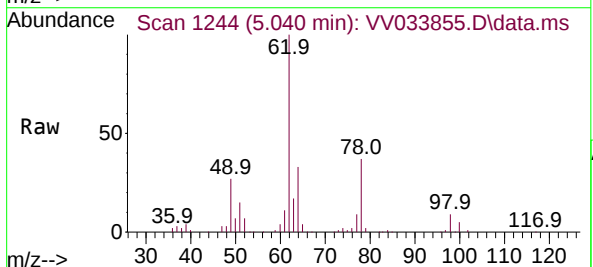
Acq: 24 Jan 2024 17:55

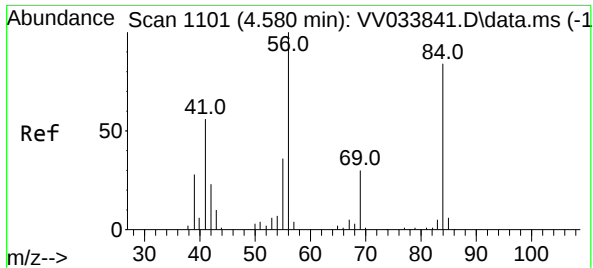
Tgt Ion: 62 Resp: 113113

Ion Ratio Lower Upper

62 100

98 8.9 6.8 10.2

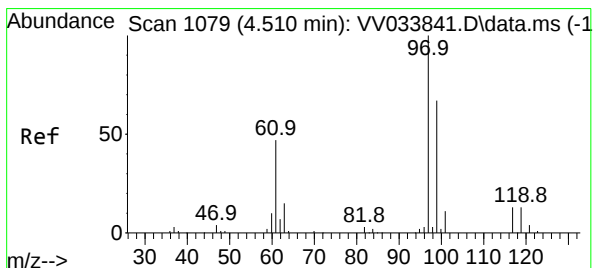
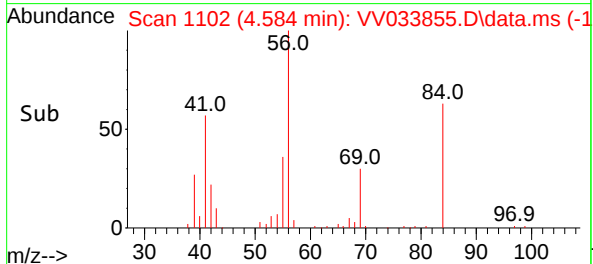
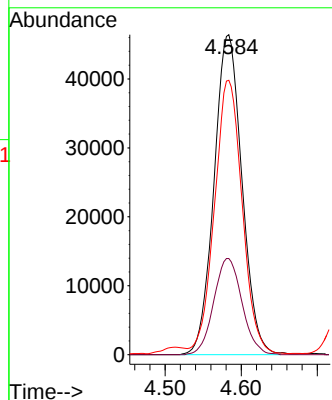
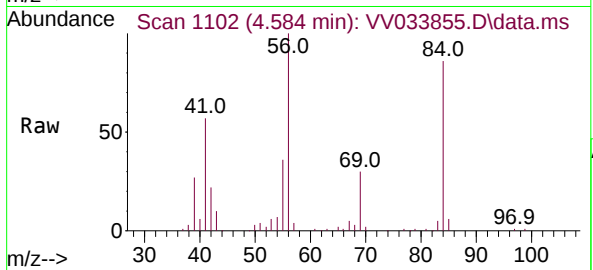




#29
Cyclohexane
Concen: 42.845 ug/L
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

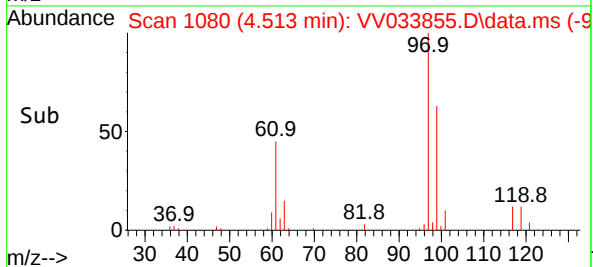
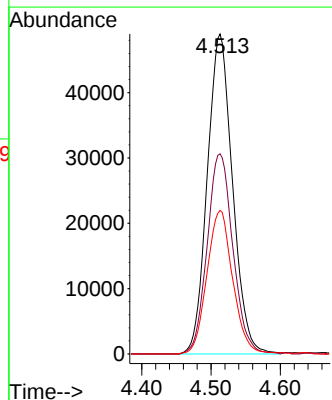
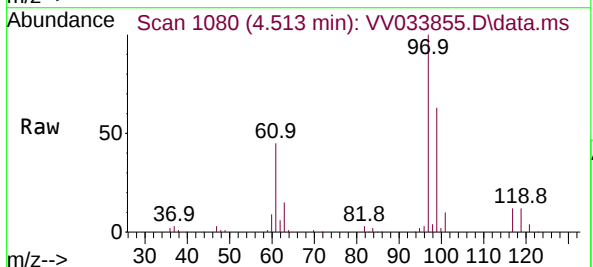
Instrument :
MSVOA_V
ClientSampleId :

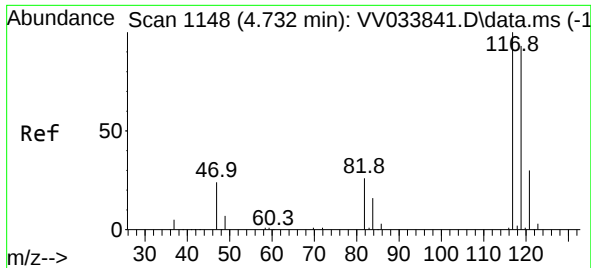
Tgt Ion: 56 Resp: 118453
Ion Ratio Lower Upper
56 100
69 30.4 23.8 35.6
84 84.5 63.8 95.6



#30
1,1,1-Trichloroethane
Concen: 52.681 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion: 97 Resp: 123980
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 45.7 38.2 57.2

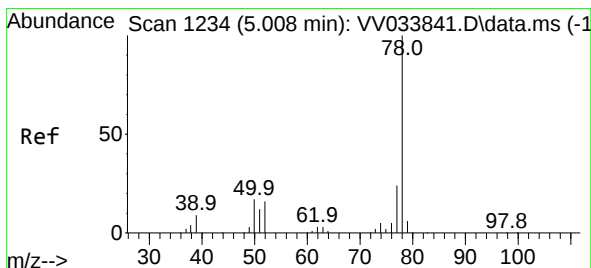
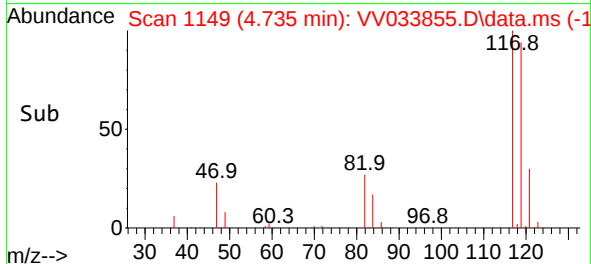
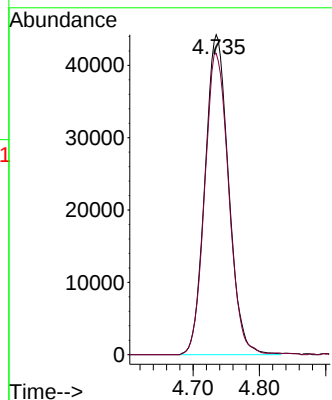
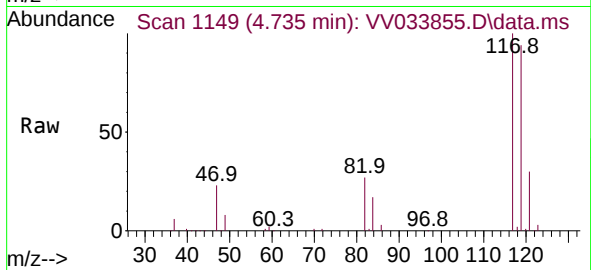




#31
Carbon tetrachloride
Concen: 54.526 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

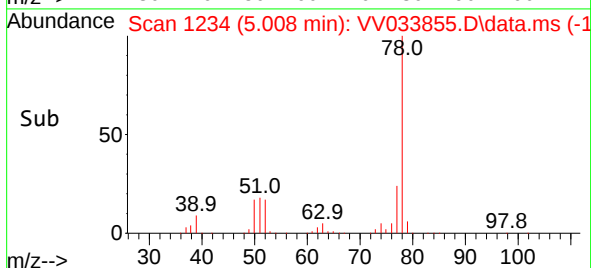
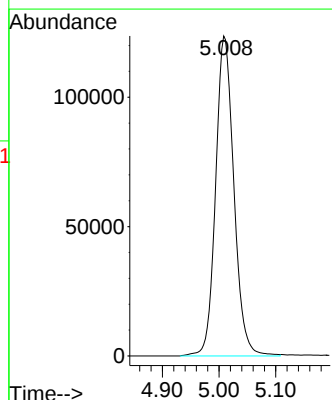
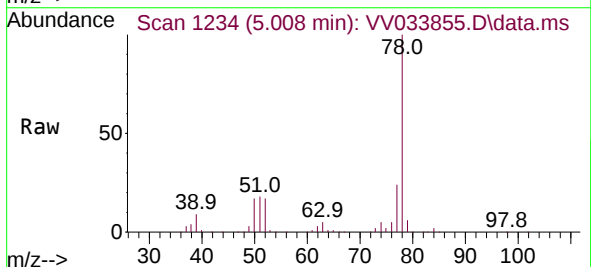
Instrument :
MSVOA_V
ClientSampleId :

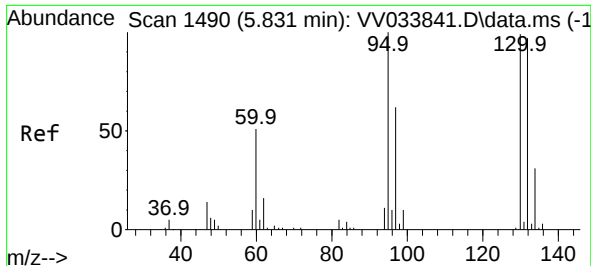
Tgt Ion:117 Resp: 109531
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.4



#33
Benzene
Concen: 48.084 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion: 78 Resp: 276965

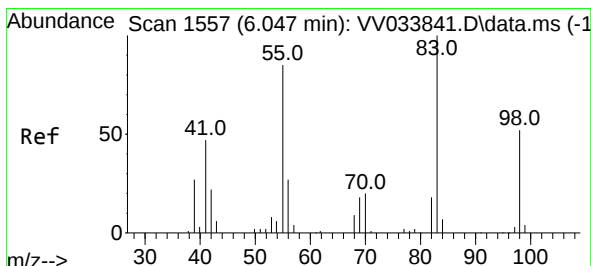
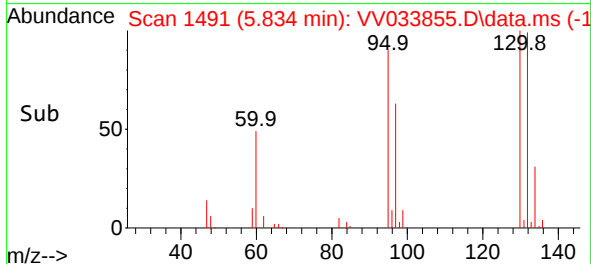
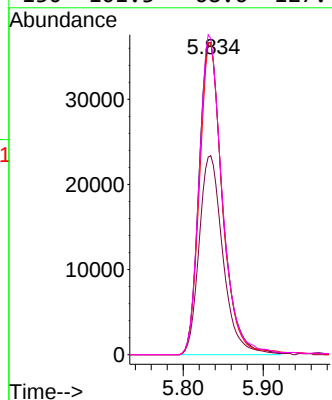
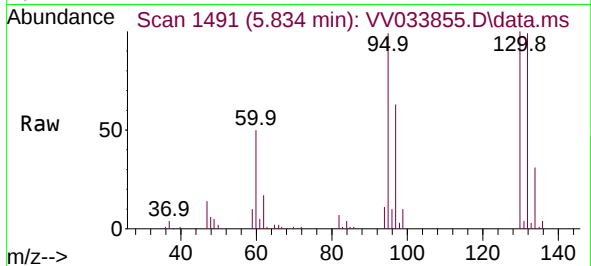




#34
Trichloroethene
Concen: 48.418 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

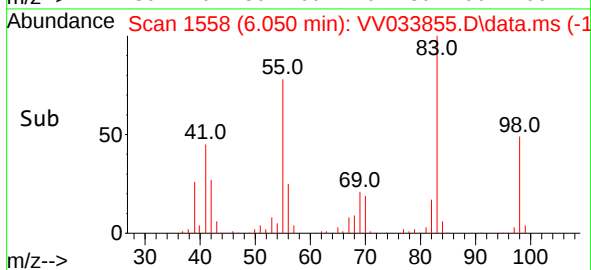
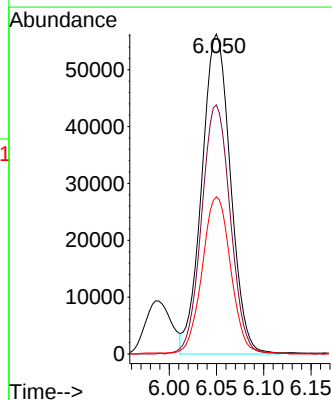
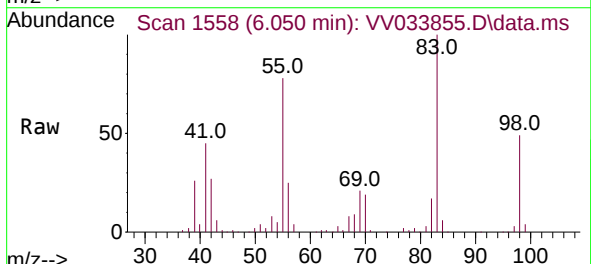
Instrument :
MSVOA_V
ClientSampleId :

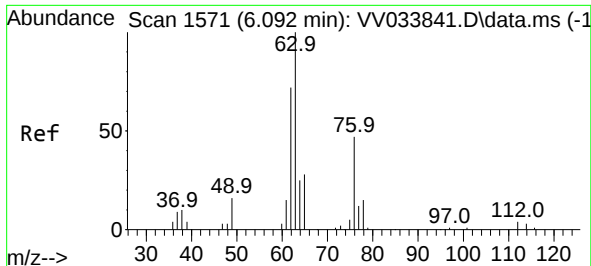
Tgt Ion: 95 Resp: 74811
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.4
132 100.0 65.5 121.7
130 101.3 68.6 127.4



#35
Methylcyclohexane
Concen: 45.007 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion: 83 Resp: 119010
Ion Ratio Lower Upper
83 100
55 77.7 67.1 100.7
98 48.9 37.7 56.5





#37

1,2-Dichloropropane

Concen: 46.457 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

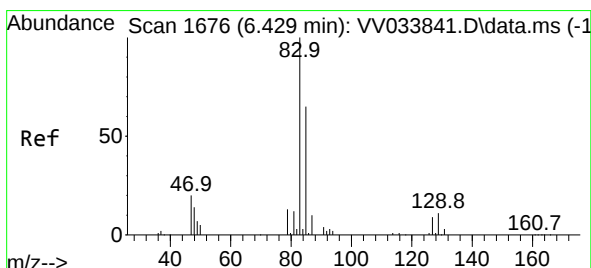
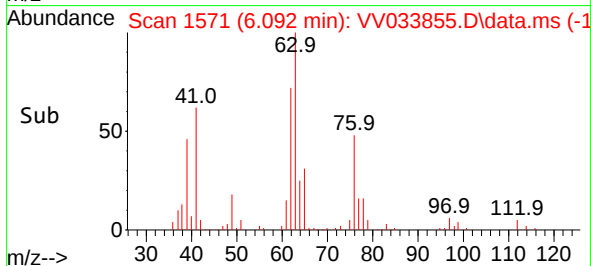
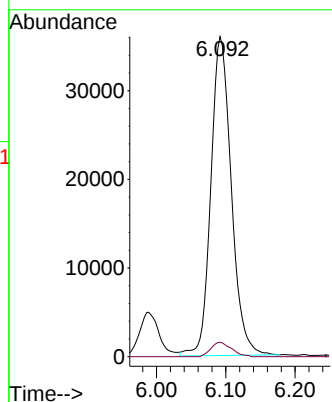
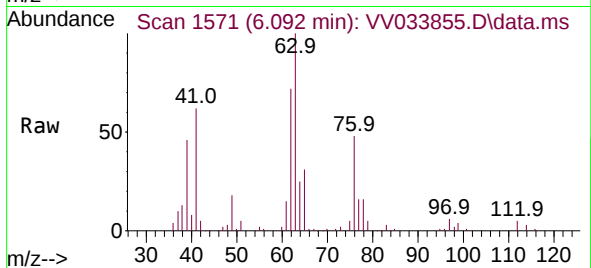
ClientSampleId :

Tgt Ion: 63 Resp: 73636

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7



#38

Bromodichloromethane

Concen: 49.379 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

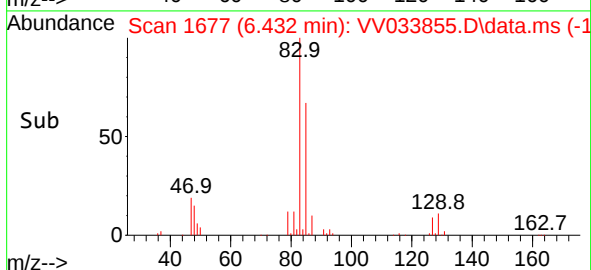
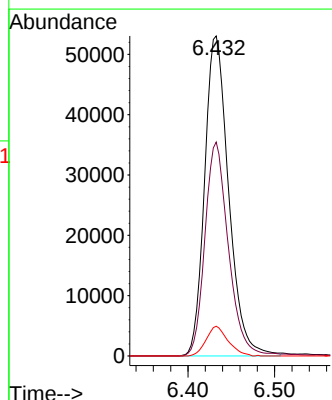
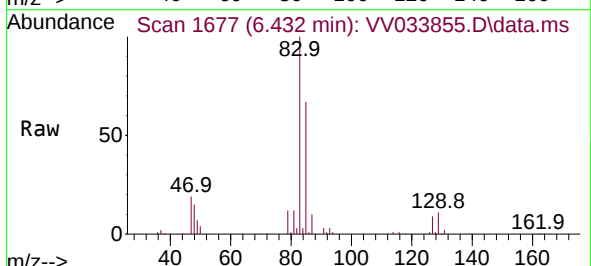
Tgt Ion: 83 Resp: 102390

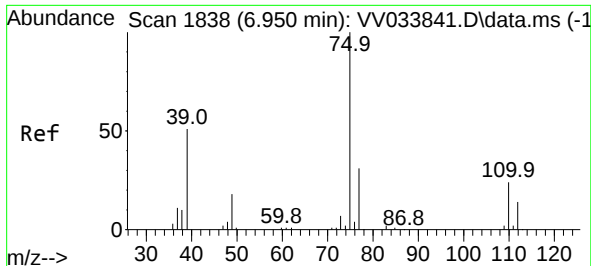
Ion Ratio Lower Upper

83 100

85 66.8 45.1 83.7

127 9.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 47.255 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

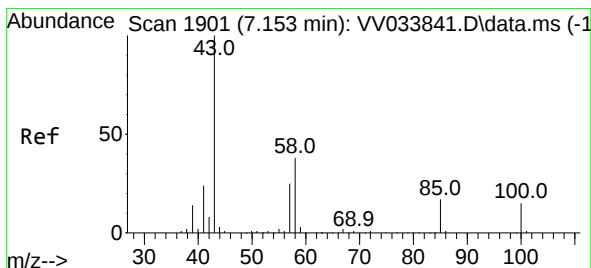
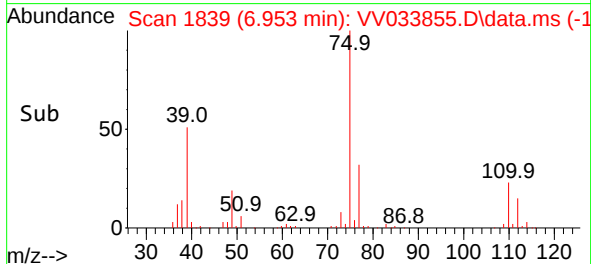
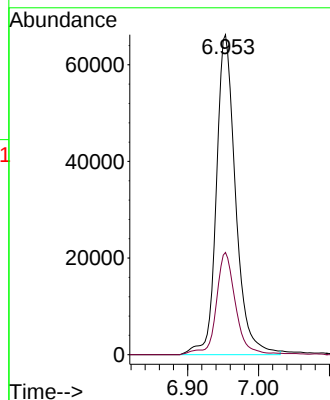
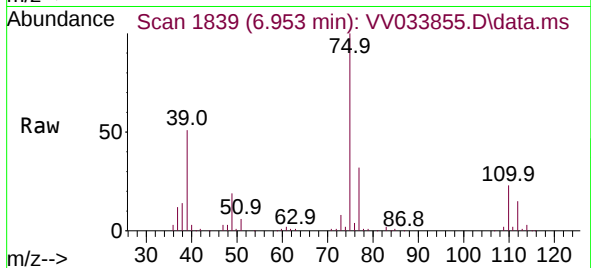
ClientSampleId :

Tgt Ion: 75 Resp: 125078

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 86.220 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

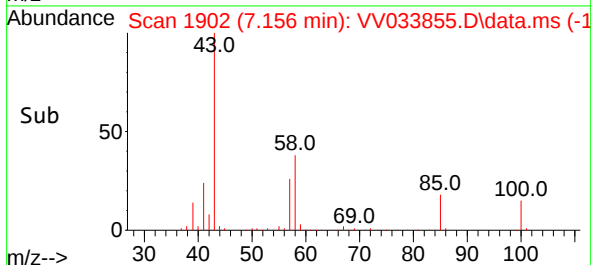
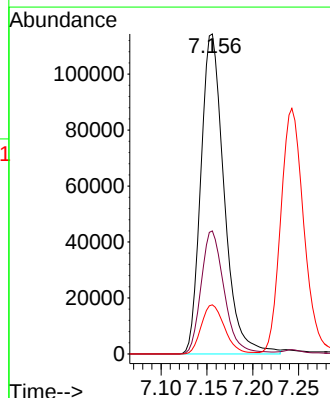
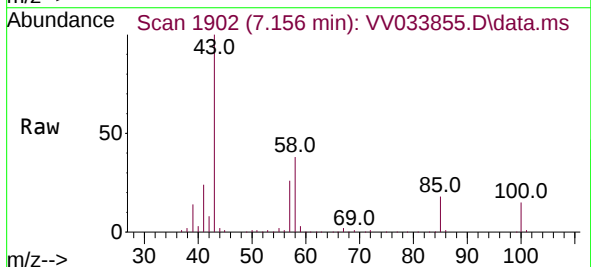
Tgt Ion: 43 Resp: 202498

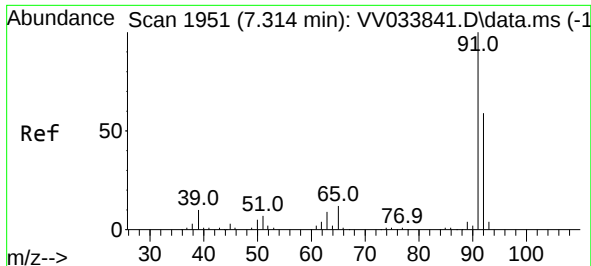
Ion Ratio Lower Upper

43 100

58 38.1 29.6 44.4

100 15.4 10.6 16.0





#42

Toluene

Concen: 48.774 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

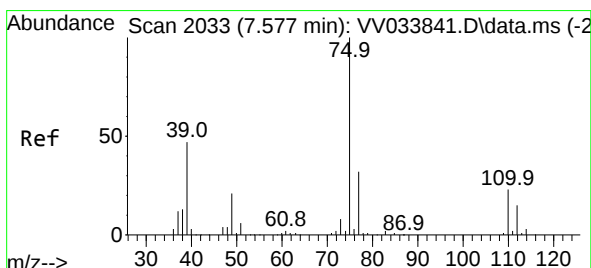
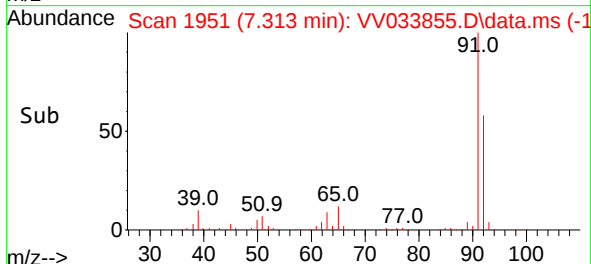
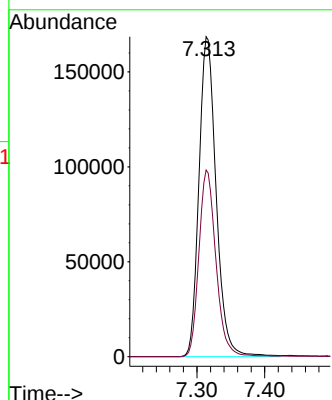
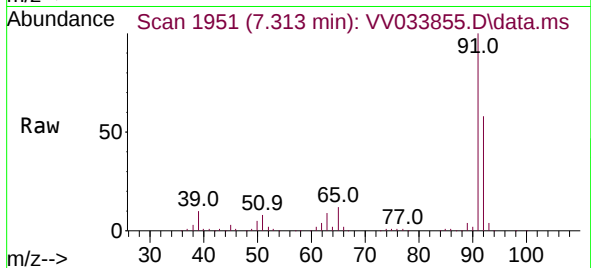
ClientSampleId :

Tgt Ion: 91 Resp: 296978

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 47.961 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV033855.D

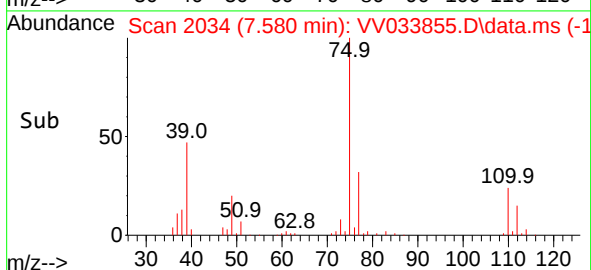
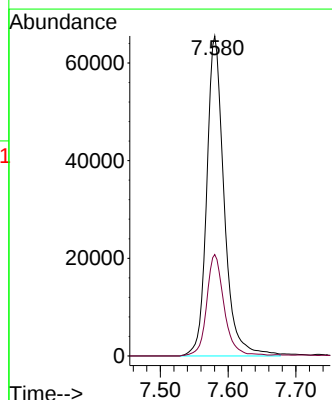
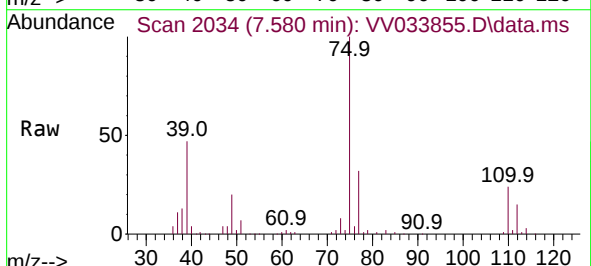
Acq: 24 Jan 2024 17:55

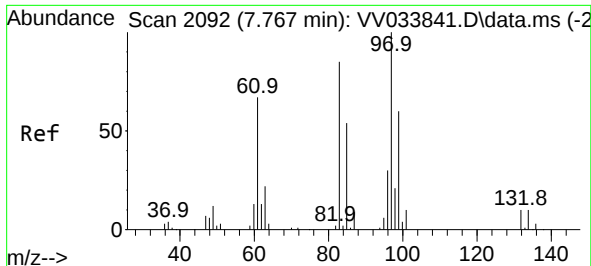
Tgt Ion: 75 Resp: 116985

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0

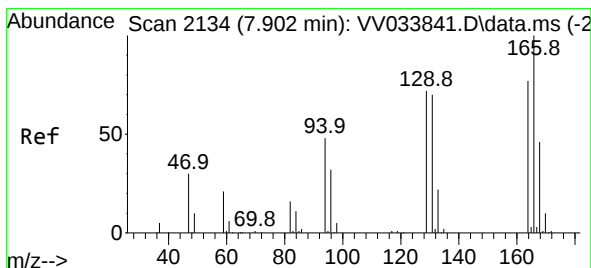
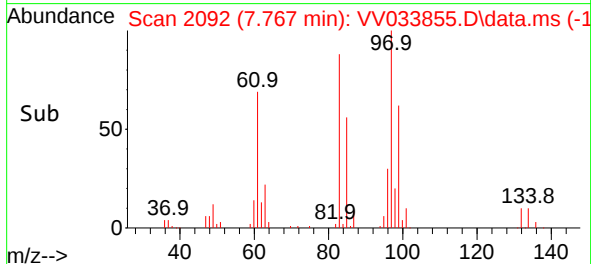
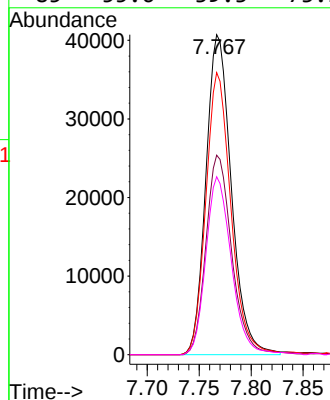
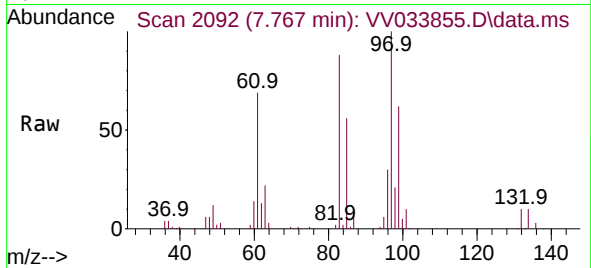




#45
1,1,2-Trichloroethane
Concen: 48.327 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

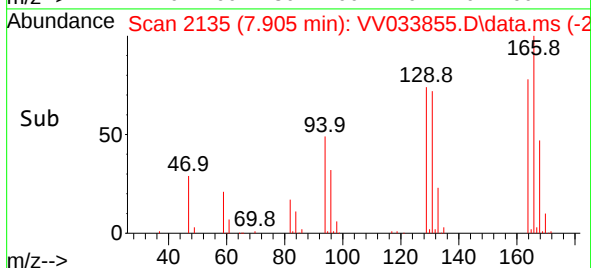
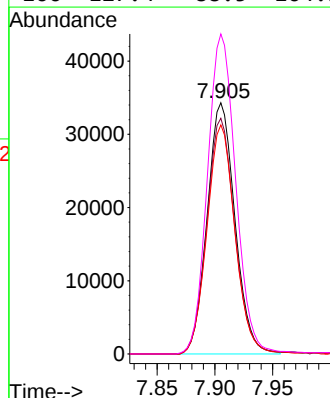
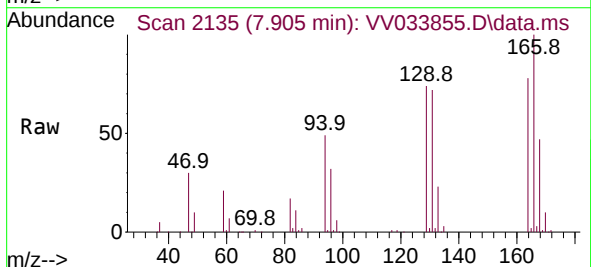
Instrument :
MSVOA_V
ClientSampleId :

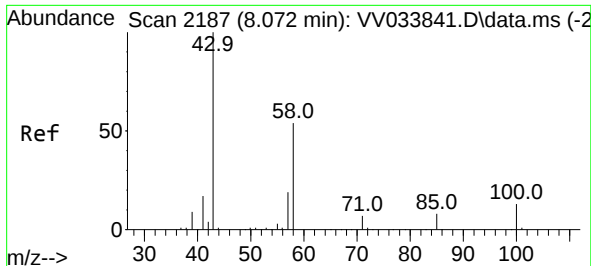
Tgt Ion: 97	Resp: 69502
Ion Ratio	Lower Upper
97 100	
99 62.3	42.8 79.6
83 88.2	61.2 113.8
85 55.6	39.3 73.1



#46
Tetrachloroethene
Concen: 50.787 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

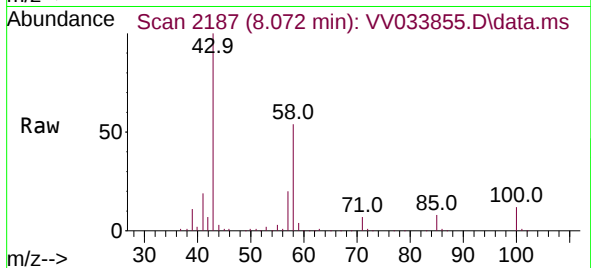
Tgt	Ion:164	Resp:	57557
Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.1	122.7
131	91.2	65.9	122.5
166	127.4	88.5	164.3





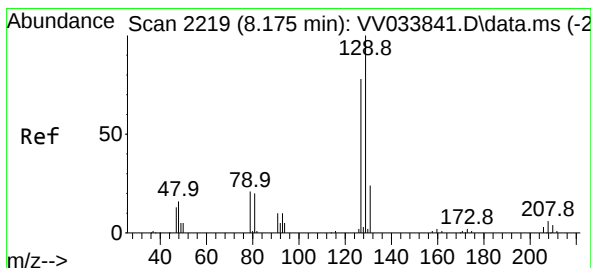
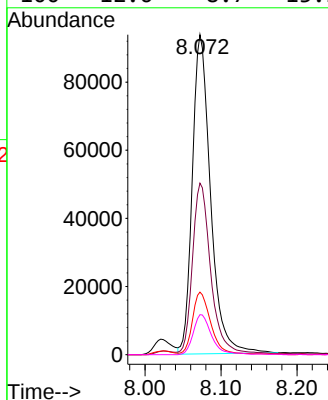
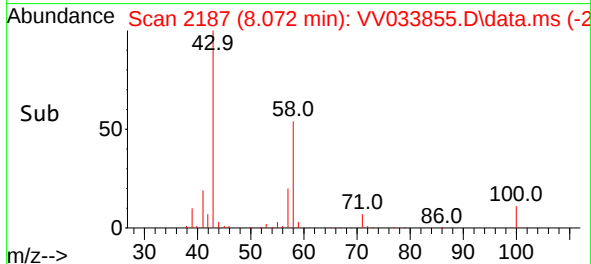
#48
2-Hexanone
Concen: 83.571 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 156397

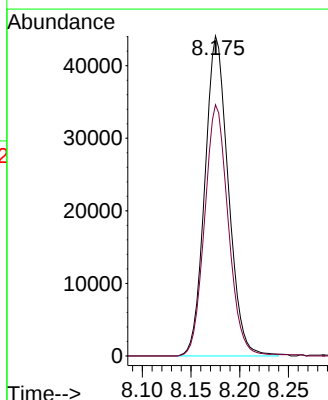
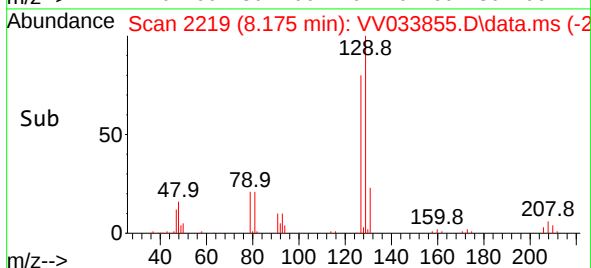
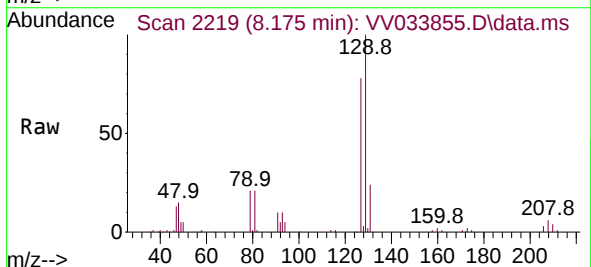
Ion	Ratio	Lower	Upper
43	100		
58	53.8	42.3	63.5
57	20.2	14.2	21.2
100	12.6	8.7	13.1

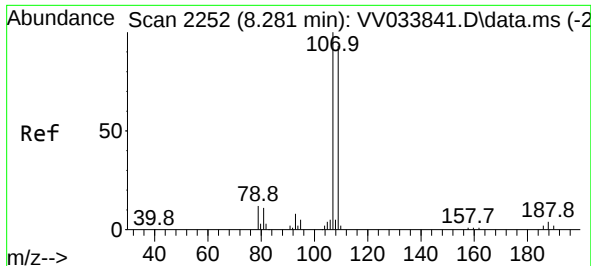


#49
Dibromochloromethane
Concen: 49.347 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion: 129 Resp: 73914

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.5	101.3





#50

1,2-Dibromoethane

Concen: 47.734 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :

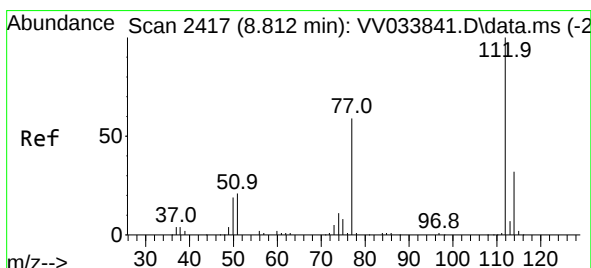
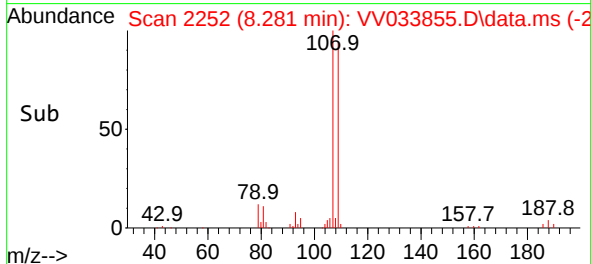
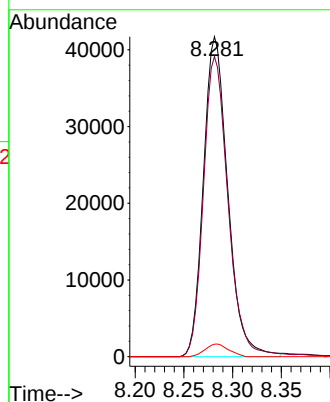
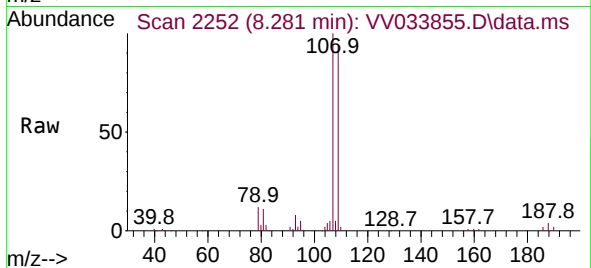
Tgt Ion:107 Resp: 72548

Ion Ratio Lower Upper

107 100

109 93.8 66.4 123.4

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 49.004 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

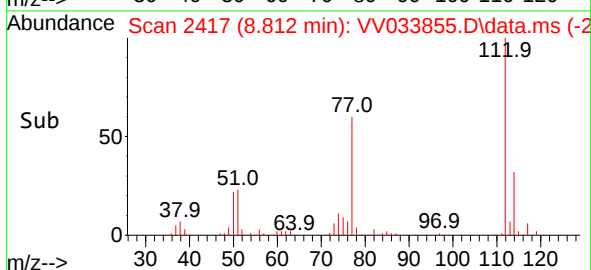
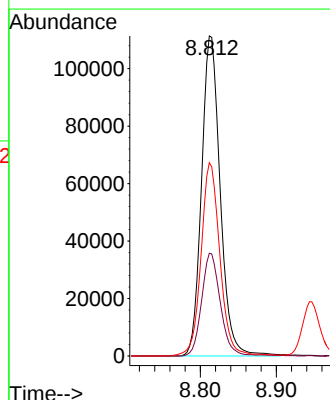
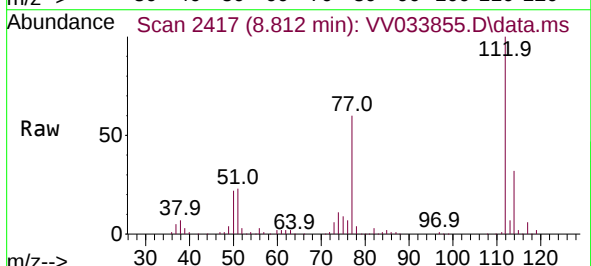
Tgt Ion:112 Resp: 190066

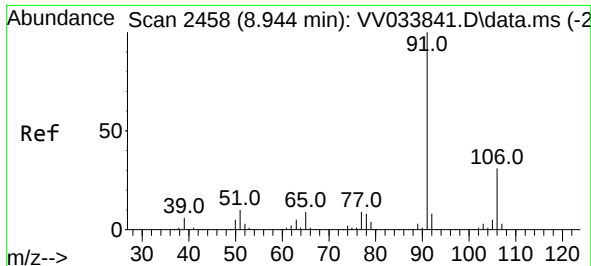
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 60.4 49.4 74.0





#52

Ethylbenzene

Concen: 47.966 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

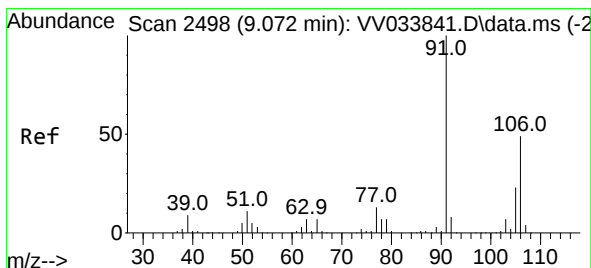
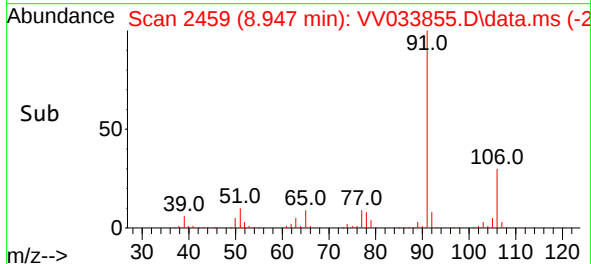
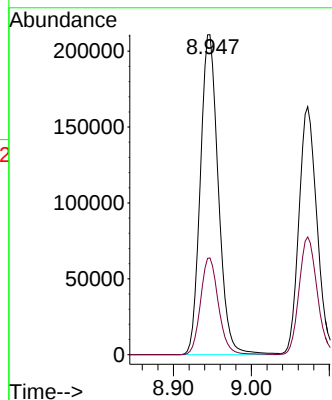
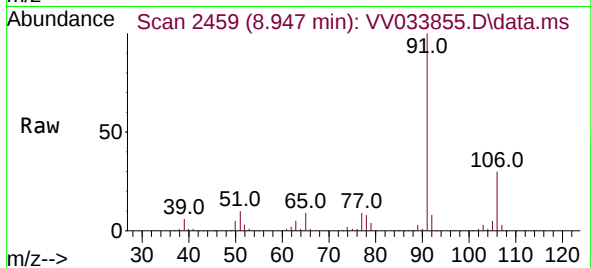
ClientSampleId :

Tgt Ion: 91 Resp: 338275

Ion Ratio Lower Upper

91 100

106 30.3 21.5 39.9



#53

m,p-Xylene

Concen: 48.328 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV033855.D

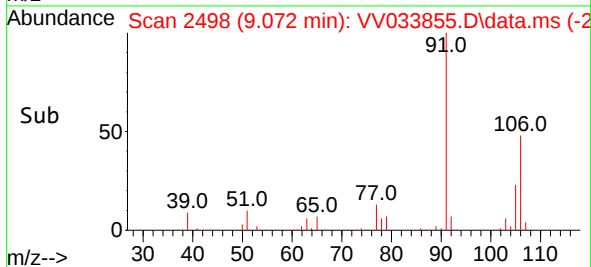
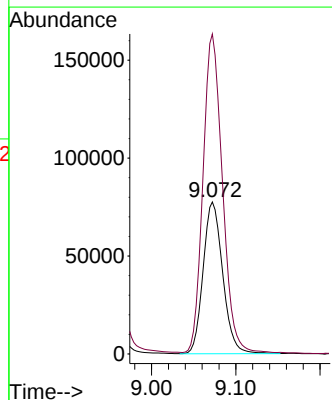
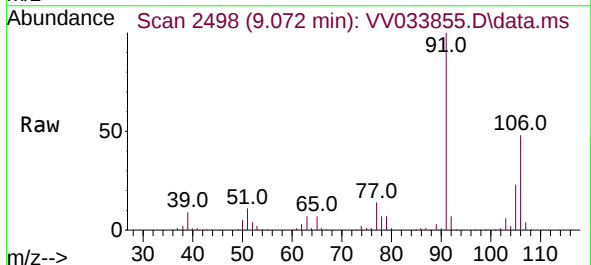
Acq: 24 Jan 2024 17:55

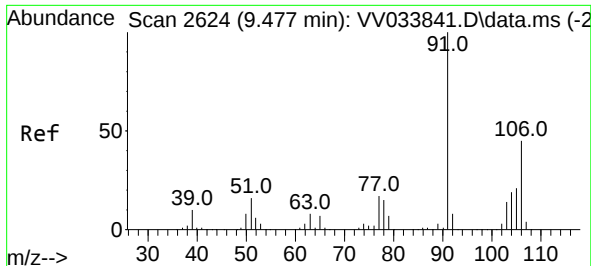
Tgt Ion:106 Resp: 125827

Ion Ratio Lower Upper

106 100

91 210.5 146.1 271.3

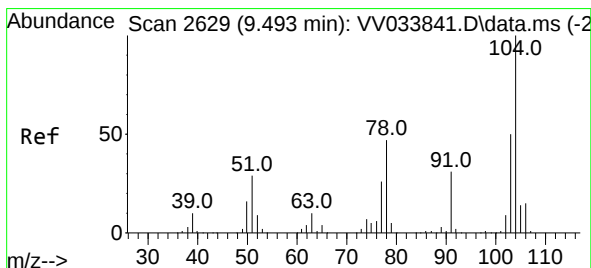
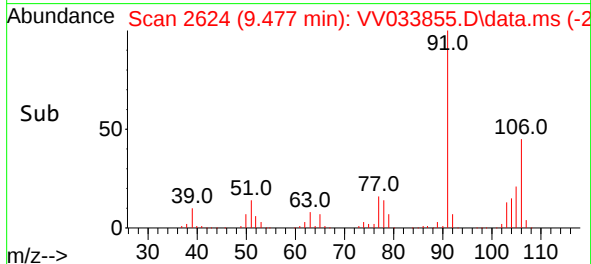
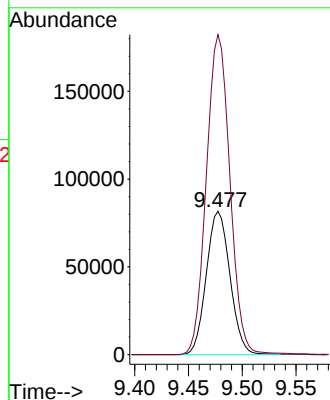
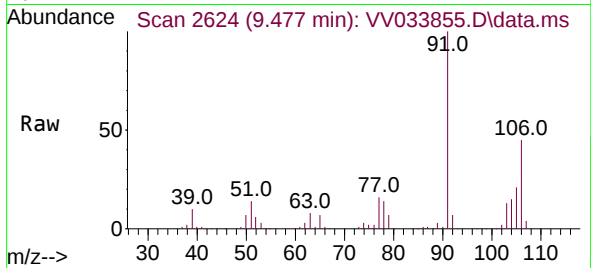




#54
o-Xylene
Concen: 48.566 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

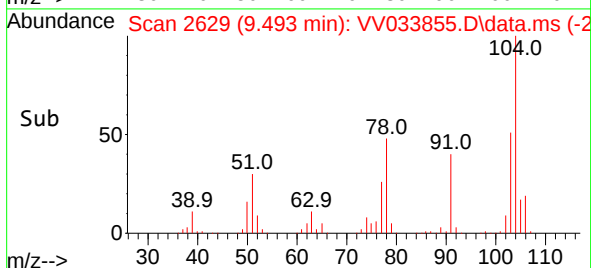
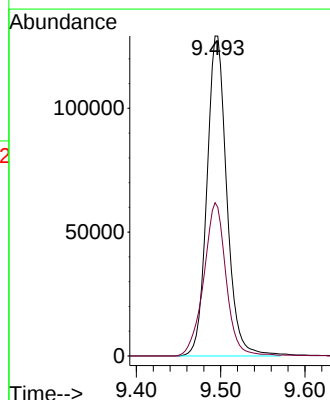
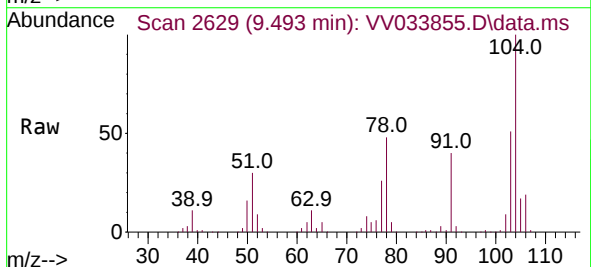
Instrument :
MSVOA_V
ClientSampleId :

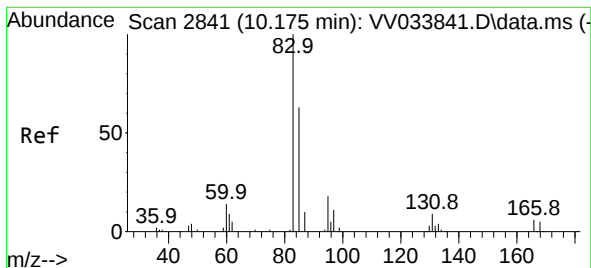
Tgt Ion:106 Resp: 125182
Ion Ratio Lower Upper
106 100
91 223.3 155.2 288.2



#55
Styrene
Concen: 47.721 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion:104 Resp: 212367
Ion Ratio Lower Upper
104 100
78 47.9 33.0 61.4

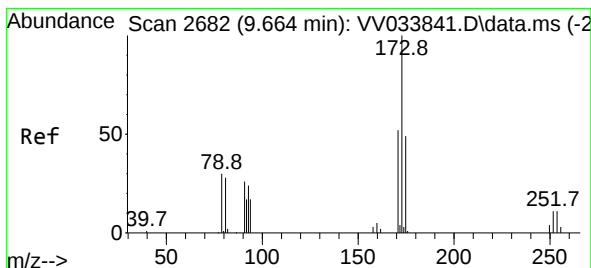
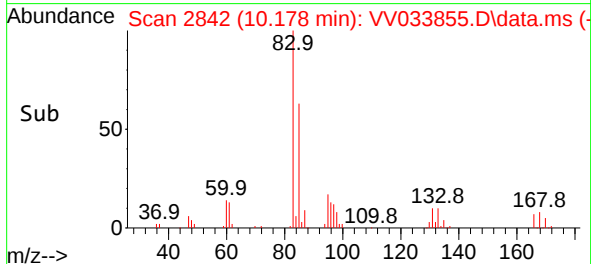
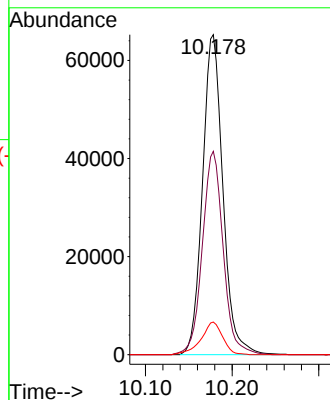
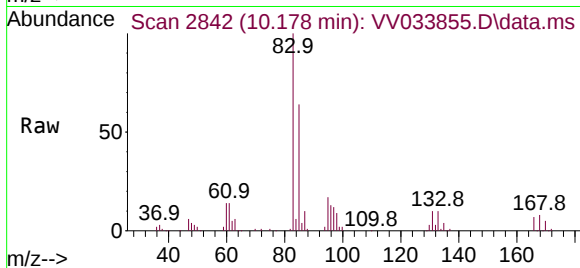




#57
1,1,2,2-Tetrachloroethane
Concen: 46.529 ug/L
RT: 10.178 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

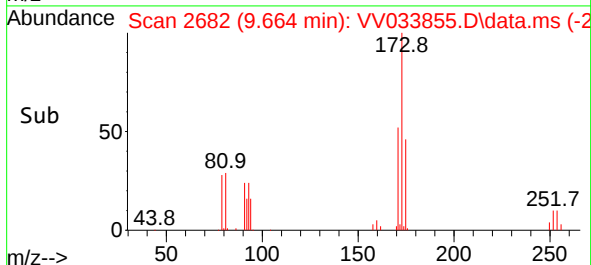
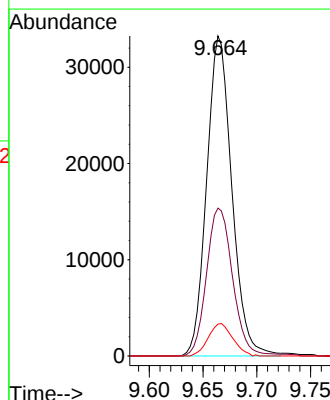
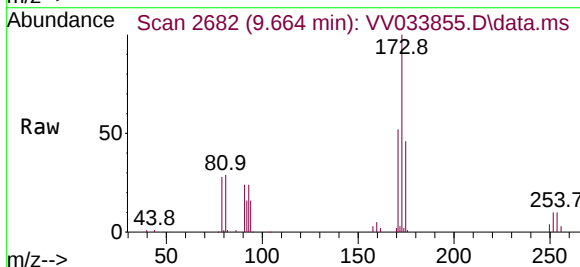
Instrument :
MSVOA_V
ClientSampleId :

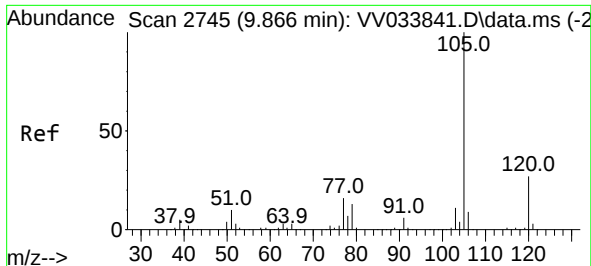
Tgt Ion: 83 Resp: 106494
Ion Ratio Lower Upper
83 100
85 63.5 44.9 83.5
131 10.2 7.5 11.3



#59
Bromoform
Concen: 50.249 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion: 173 Resp: 54083
Ion Ratio Lower Upper
173 100
175 47.9 37.2 55.8
254 9.8 7.4 11.0

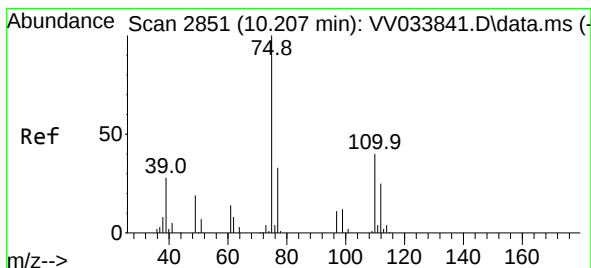
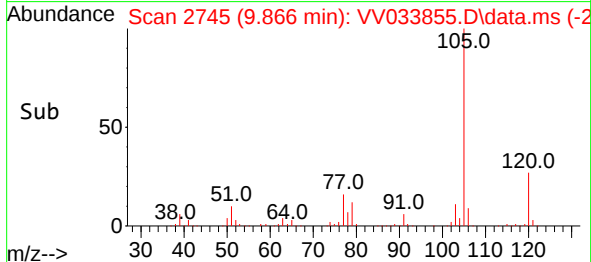
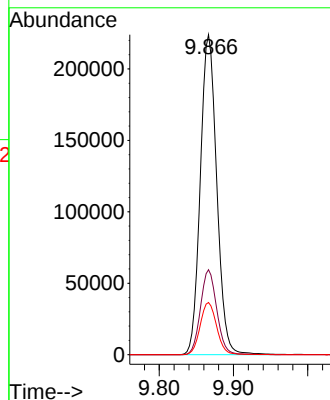
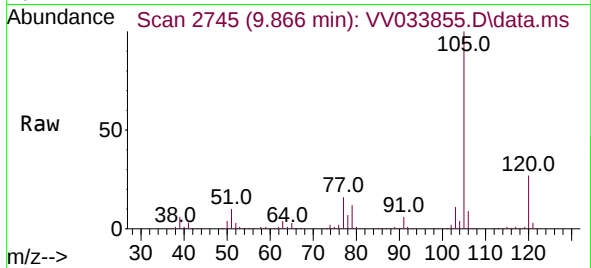




#60
Isopropylbenzene
Concen: 50.257 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

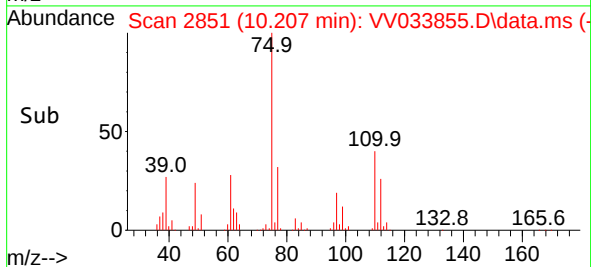
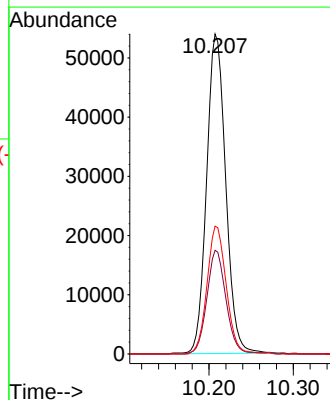
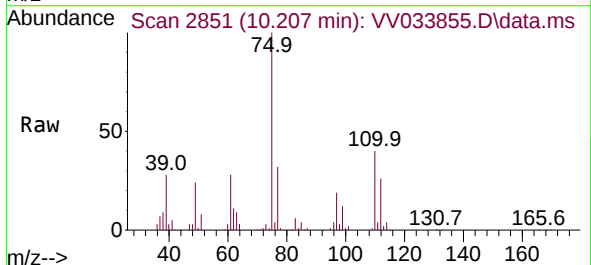
Instrument :
MSVOA_V
ClientSampleId :

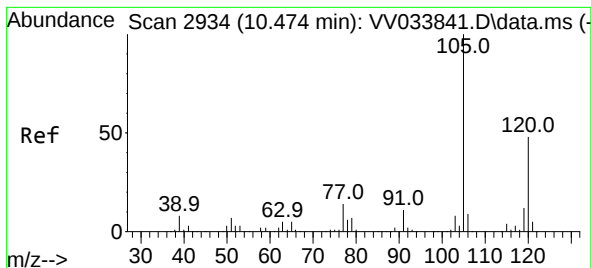
Tgt Ion:105 Resp: 344341
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 16.4 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 47.431 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

Tgt Ion: 75 Resp: 85245
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 40.2 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 49.766 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

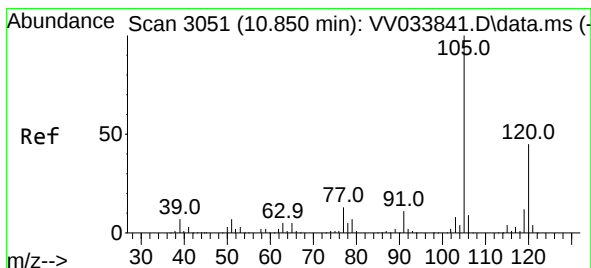
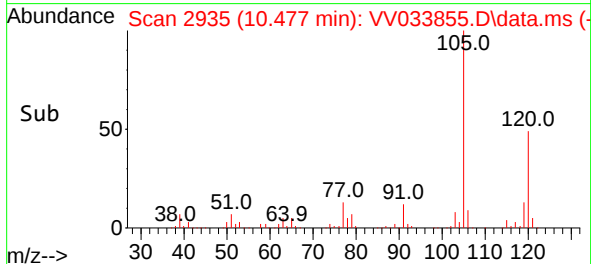
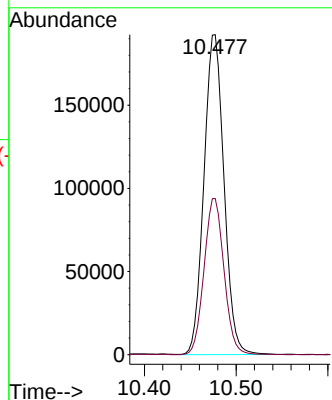
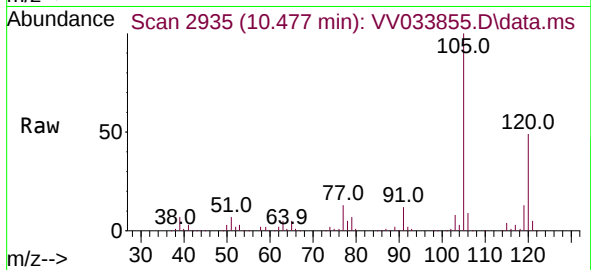
ClientSampleId :

Tgt Ion:105 Resp: 292564

Ion Ratio Lower Upper

105 100

120 48.5 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 49.939 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033855.D

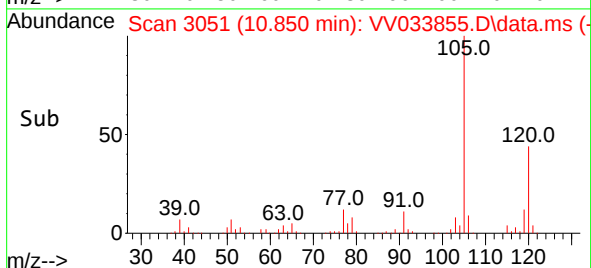
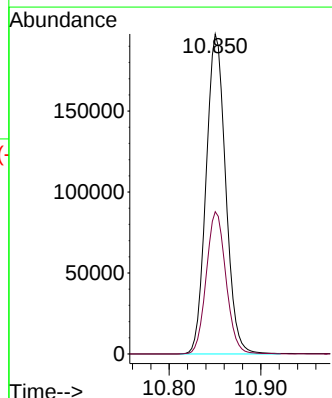
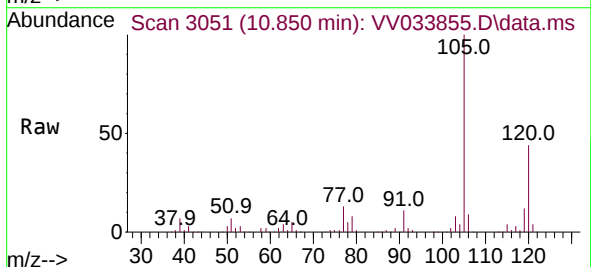
Acq: 24 Jan 2024 17:55

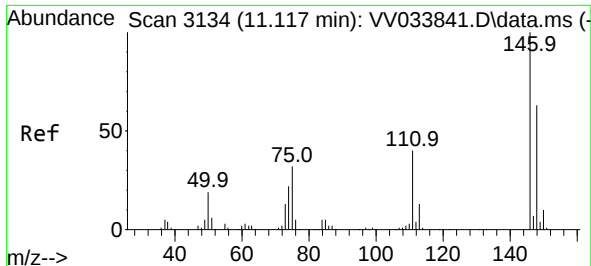
Tgt Ion:105 Resp: 292519

Ion Ratio Lower Upper

105 100

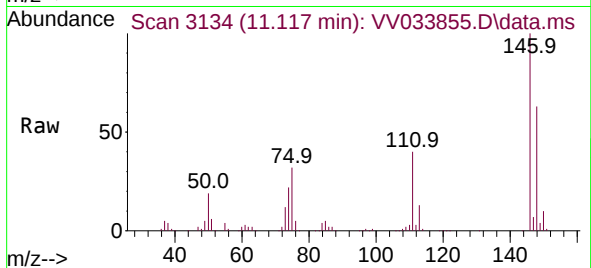
120 44.8 35.4 53.0



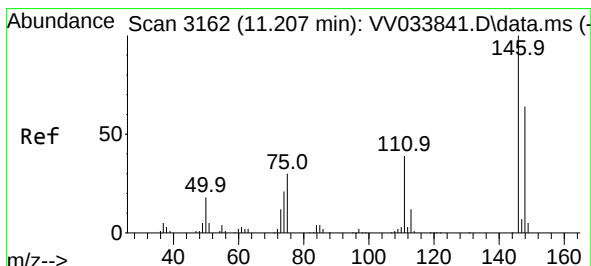
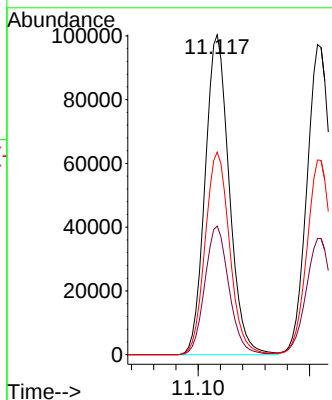
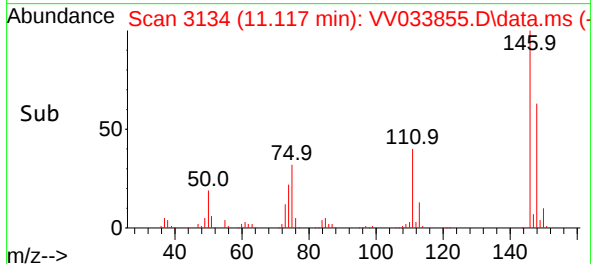


#64
1,3-Dichlorobenzene
Concen: 48.813 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55

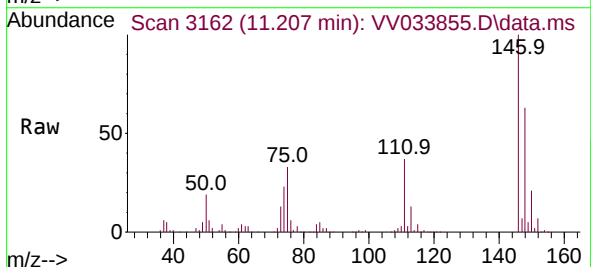
Instrument :
MSVOA_V
ClientSampleId :



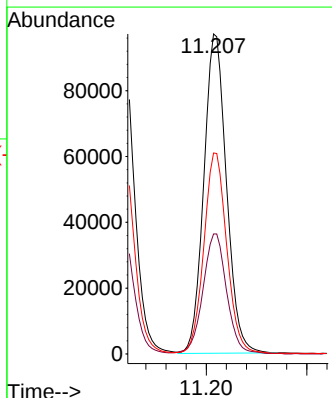
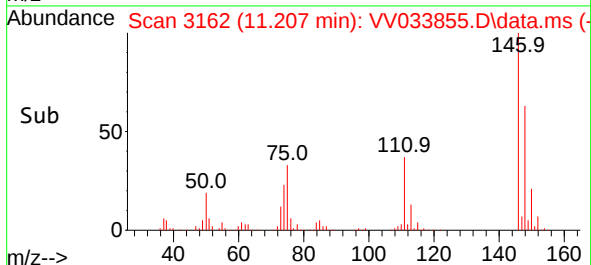
Tgt Ion:146 Resp: 151070
Ion Ratio Lower Upper
146 100
111 40.2 29.0 53.8
148 63.3 43.9 81.5

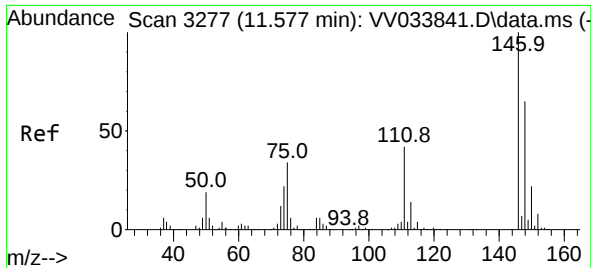


#65
1,4-Dichlorobenzene
Concen: 48.855 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033855.D
Acq: 24 Jan 2024 17:55



Tgt Ion:146 Resp: 151607
Ion Ratio Lower Upper
146 100
111 37.5 27.7 51.5
148 62.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 50.701 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :

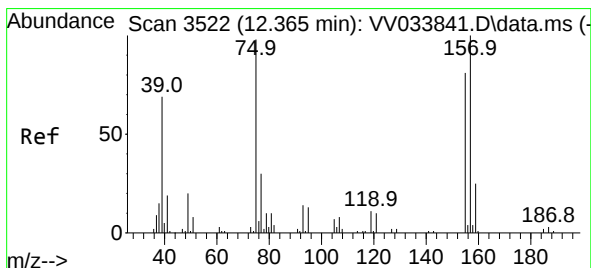
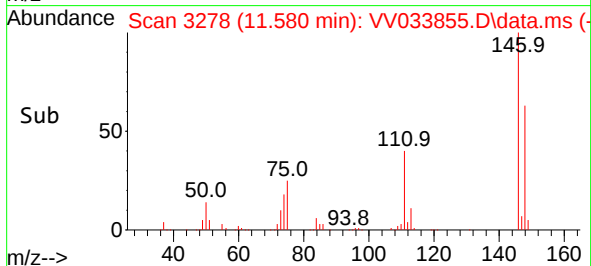
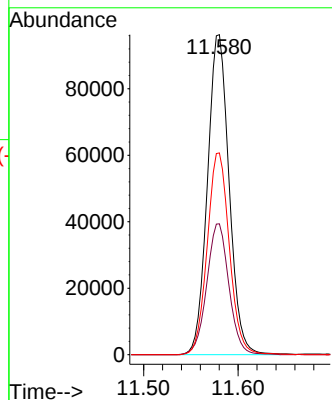
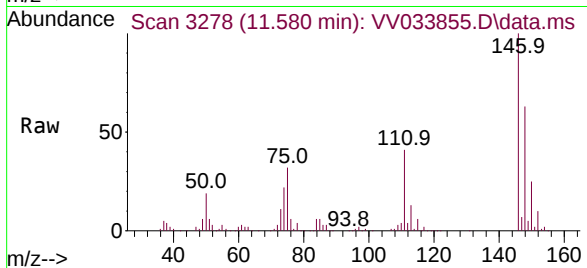
Tgt Ion:146 Resp: 153322

Ion Ratio Lower Upper

146 100

111 40.9 35.4 53.0

148 63.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 46.081 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

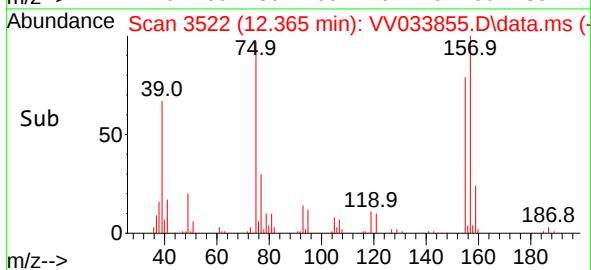
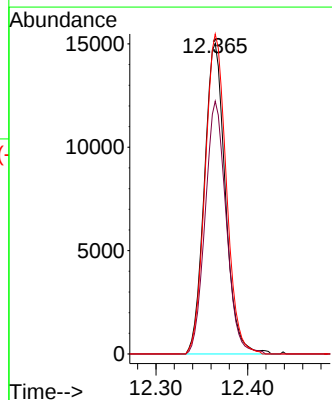
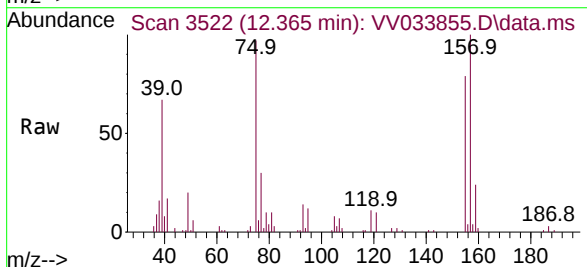
Tgt Ion: 75 Resp: 23899

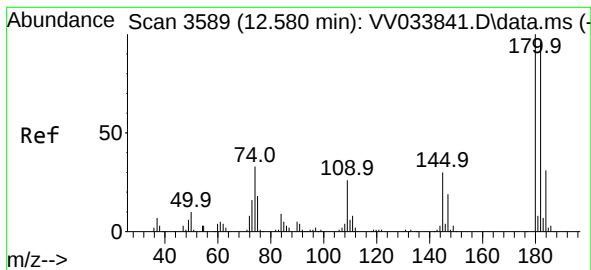
Ion Ratio Lower Upper

75 100

155 81.4 61.6 92.4

157 103.1 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 49.819 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

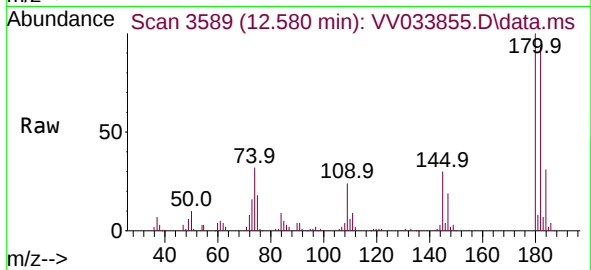
Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 113935

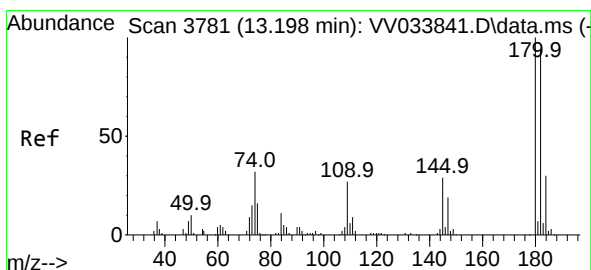
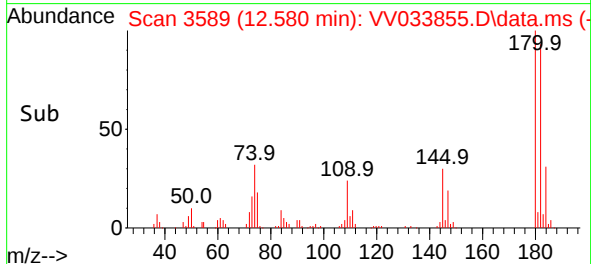
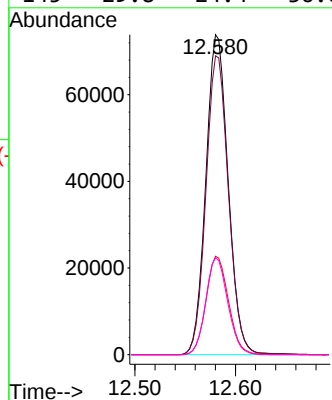
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

184 30.8 23.9 35.9

145 29.8 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 49.061 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

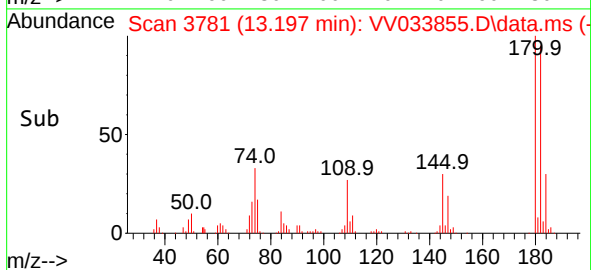
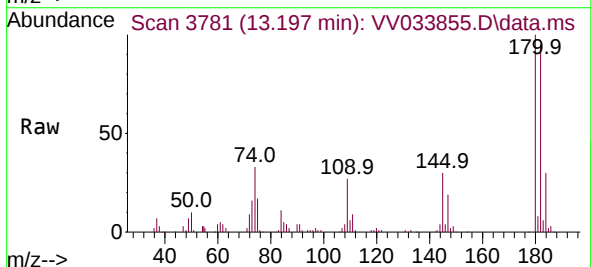
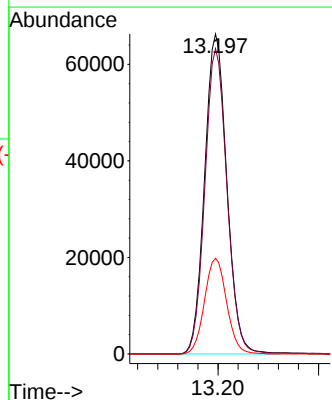
Tgt Ion:180 Resp: 101840

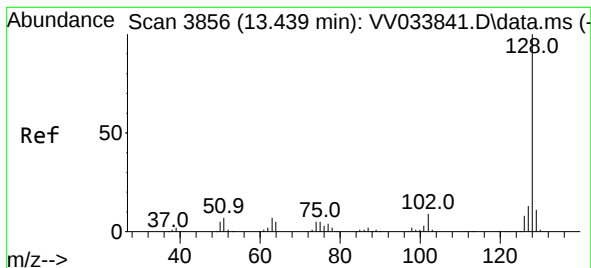
Ion Ratio Lower Upper

180 100

182 94.7 76.3 114.5

145 29.7 25.4 38.0





#71

Naphthalene

Concen: 44.672 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Instrument :

MSVOA_V

ClientSampleId :

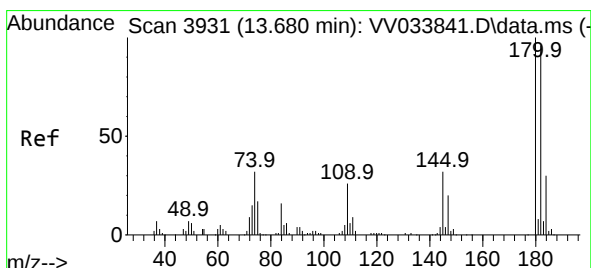
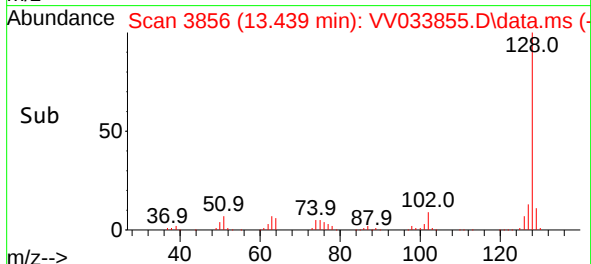
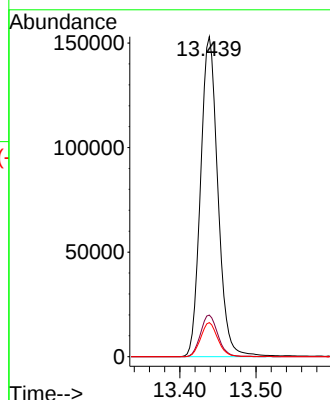
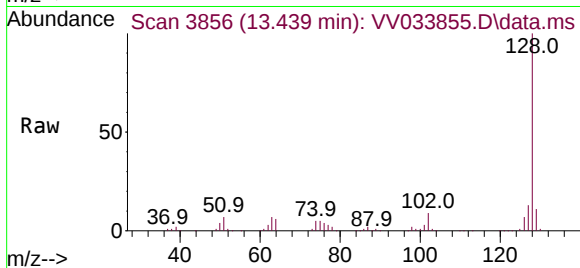
Tgt Ion:128 Resp: 242309

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.5 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.525 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033855.D

Acq: 24 Jan 2024 17:55

Tgt Ion:180 Resp: 99829

Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 31.9 26.3 39.5

