

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035100.D
 Acq On : 10 Apr 2024 11:40
 Operator : SY/MD
 Sample : P1968-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E07R9MS

Quant Time: Apr 11 06:56:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	284476	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	266667	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128677	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104293	37.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.920%
7) Chloroethane-d5	1.526	69	102522	42.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.920%
11) 1,1-Dichloroethene-d2	2.056	65	47297	39.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.540%
21) 2-Butanone-d5	3.783	46	235521	144.546	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	144.550%#
24) Chloroform-d	4.246	84	241608	52.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.620%
26) 1,2-Dichloroethane-d4	4.941	65	158304	53.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.960%
32) Benzene-d6	4.957	84	432322	48.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	5.989	67	155503	54.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.340%
41) Toluene-d8	7.243	98	364780	45.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.440%
43) trans-1,3-Dichloroprop...	7.551	79	66939	48.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.820%
47) 2-Hexanone-d5	8.024	63	145729	135.507	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.510%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	242107	61.809	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.620%#
66) 1,2-Dichlorobenzene-d4	11.558	152	138770	48.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	76603	37.153	ug/L	99
3) Chloromethane	1.214	50	133686	50.436	ug/L	98
5) Vinyl chloride	1.282	62	124296	44.731	ug/L	98
6) Bromomethane	1.481	94	73369	35.224	ug/L	98
8) Chloroethane	1.542	64	93333	49.179	ug/L	99
9) Trichlorofluoromethane	1.709	101	156140	42.812	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	92917	41.624	ug/L	99
12) 1,1-Dichloroethene	2.066	96	90446	42.363	ug/L	96
13) Acetone	2.114	43	192178	128.469	ug/L	99
14) Carbon disulfide	2.240	76	221816	36.893	ug/L	99
15) Methyl Acetate	2.372	43	202277	85.808	ug/L	99
16) Methylene chloride	2.445	84	147672	63.834	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	99118	48.019	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	523582	72.216	ug/L	98
19) 1,1-Dichloroethane	3.111	63	260749	61.600	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	135519	57.817	ug/L	99
22) 2-Butanone	3.863	43	260013	149.791	ug/L	100
23) Bromochloromethane	4.146	128	77144	65.782	ug/L	97
25) Chloroform	4.275	83	259164	61.927	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035100.D
 Acq On : 10 Apr 2024 11:40
 Operator : SY/MD
 Sample : P1968-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E07R9MS

Quant Time: Apr 11 06:56:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

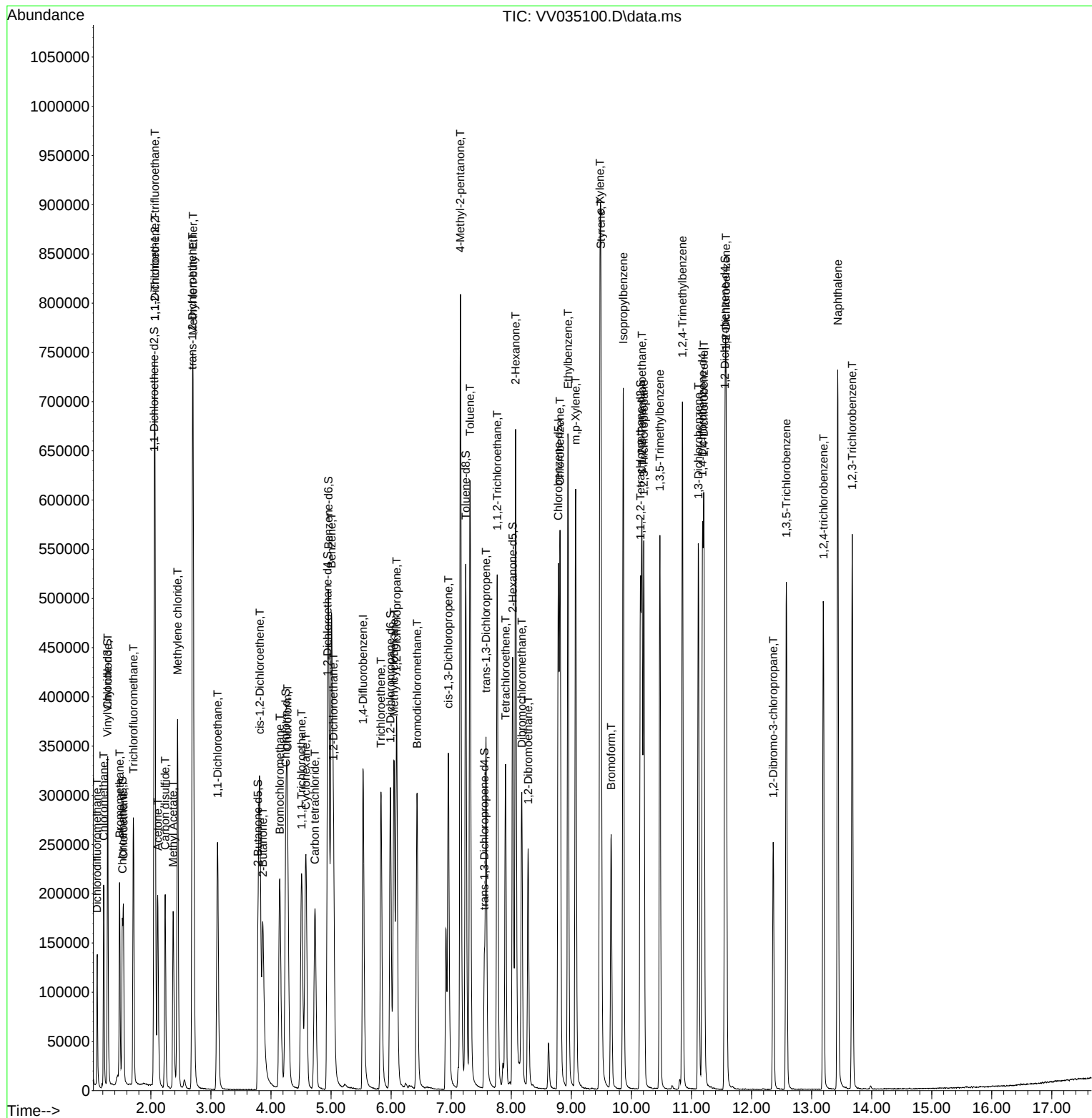
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	223927	67.204	ug/L	98
29) Cyclohexane	4.580	56	133653	40.016	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	181153	52.115	ug/L	100
31) Carbon tetrachloride	4.732	117	139914	47.490	ug/L	100
33) Benzene	5.008	78	472930	54.387	ug/L	100
34) Trichloroethene	5.831	95	109936	46.846	ug/L	98
35) Methylcyclohexane	6.050	83	136634	38.552	ug/L	96
37) 1,2-Dichloropropane	6.092	63	153511	63.881	ug/L	99
38) Bromodichloromethane	6.432	83	198709	64.089	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	218890	57.822	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	505985	164.916	ug/L	99
42) Toluene	7.313	91	455722	50.059	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	208409	59.924	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	159442	70.394	ug/L	99
46) Tetrachloroethene	7.905	164	73726	44.968	ug/L	97
48) 2-Hexanone	8.072	43	413814	158.581	ug/L	98
49) Dibromochloromethane	8.175	129	148310	66.112	ug/L	100
50) 1,2-Dibromoethane	8.281	107	158463	64.983	ug/L	97
51) Chlorobenzene	8.812	112	293449	49.734	ug/L	99
52) Ethylbenzene	8.944	91	462727	45.862	ug/L	99
53) m,p-Xylene	9.072	106	169691	45.669	ug/L	99
54) o-Xylene	9.477	106	175302	47.683	ug/L	97
55) Styrene	9.493	104	311862	50.198	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	273492	74.525	ug/L	100
59) Bromoform	9.664	173	110220	74.745	ug/L	100
60) Isopropylbenzene	9.866	105	443617	47.821	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	219494	78.718	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	287629	47.742	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	364084	48.879	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	215521	49.715	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	224582	50.943	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	237436	54.981	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	63305	82.408	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	154718	49.520	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	146680	51.109	ug/L	98
71) Naphthalene	13.435	128	548446	68.880	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	166278	58.778	ug/L	99

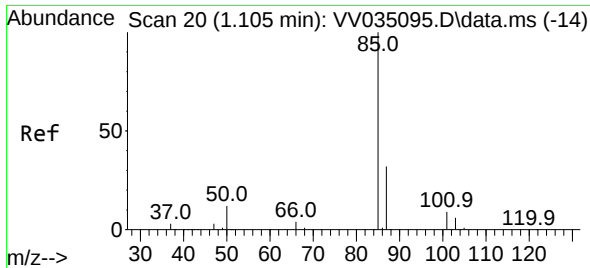
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041024\
Data File : VV035100.D
Acq On : 10 Apr 2024 11:40
Operator : SY/MD
Sample : P1968-02MS 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

Quant Time: Apr 11 06:56:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

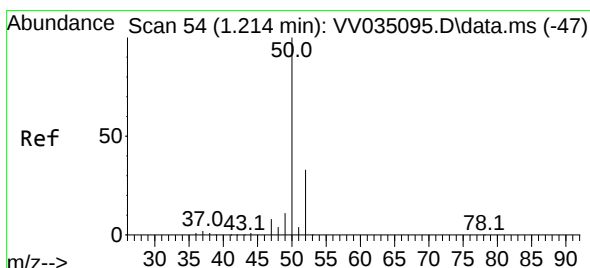
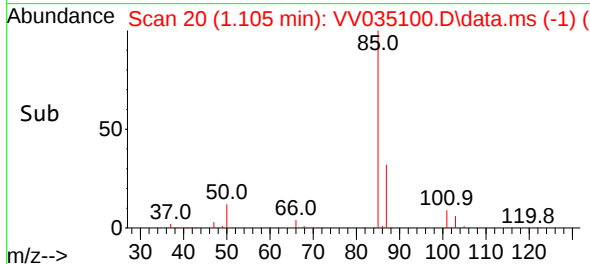
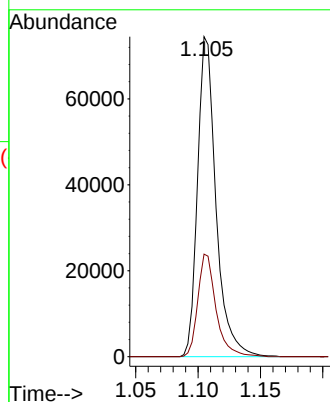
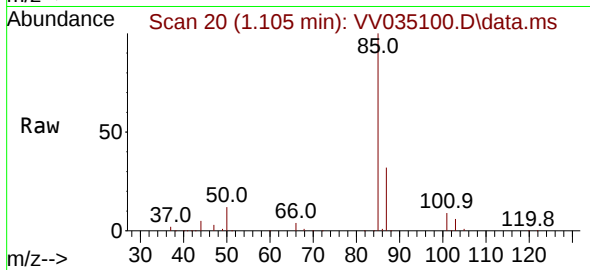




#2
 Dichlorodifluoromethane
 Concen: 37.153 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035100.D
 Acq: 10 Apr 2024 11:40

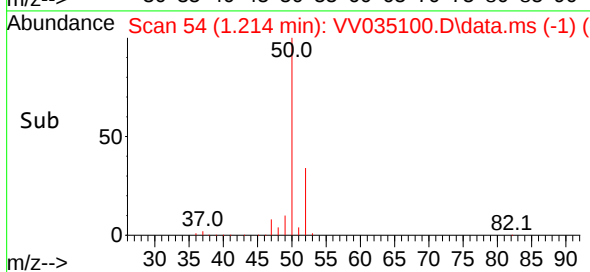
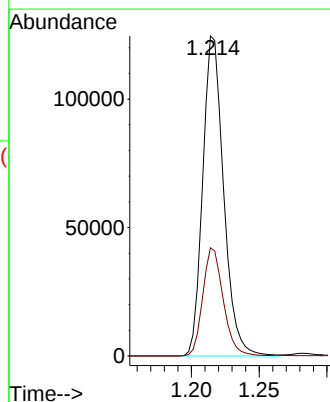
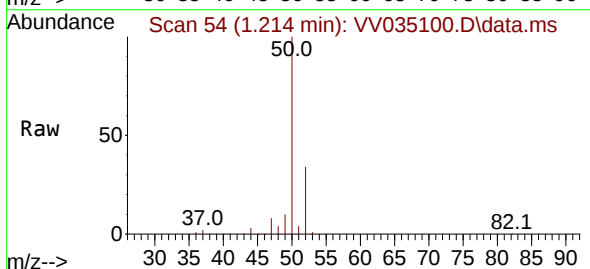
Instrument :
 MSVOA_V
 ClientSampleId :
 E07R9MS

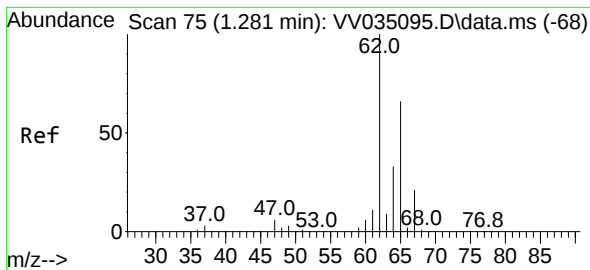
Tgt Ion: 85 Resp: 76603
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.7 38.5



#3
 Chloromethane
 Concen: 50.436 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035100.D
 Acq: 10 Apr 2024 11:40

Tgt Ion: 50 Resp: 133686
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.8





#5

Vinyl chloride

Concen: 44.731 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

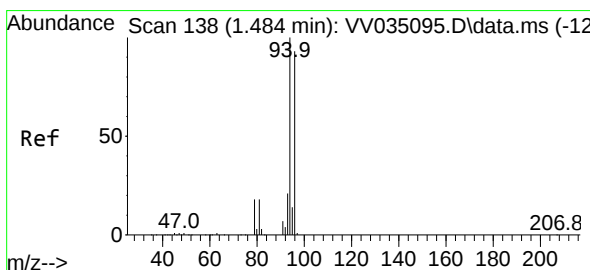
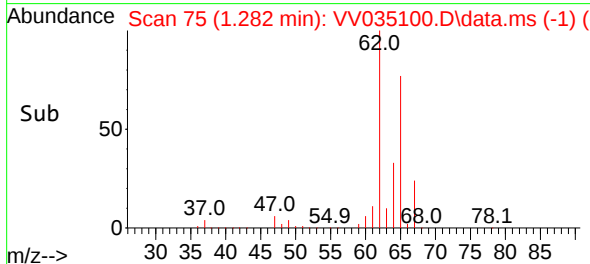
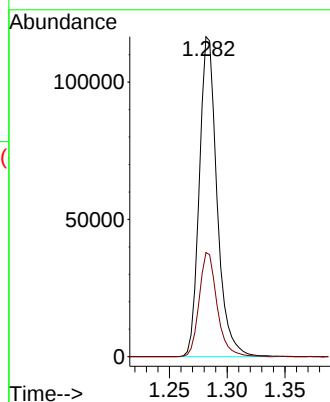
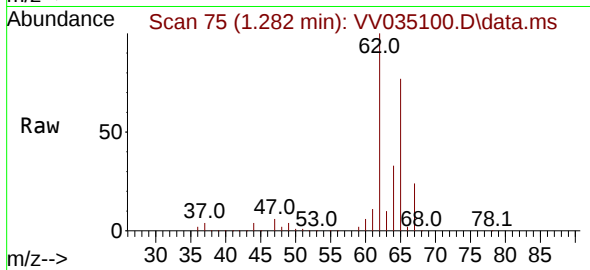
E07R9MS

Tgt Ion: 62 Resp: 124296

Ion Ratio Lower Upper

62 100

64 32.5 23.6 43.8



#6

Bromomethane

Concen: 35.224 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.006 min

Lab File: VV035100.D

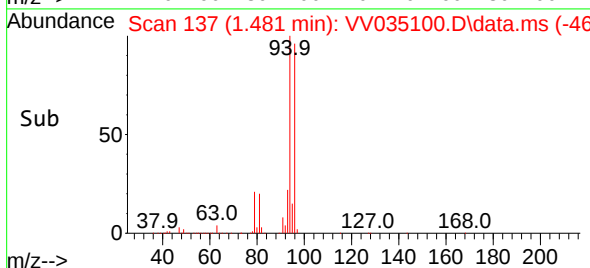
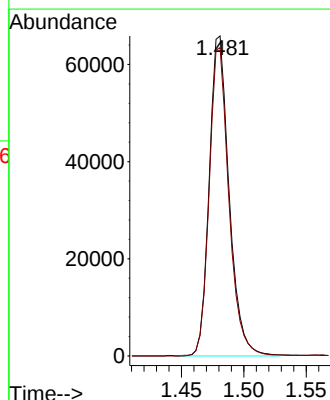
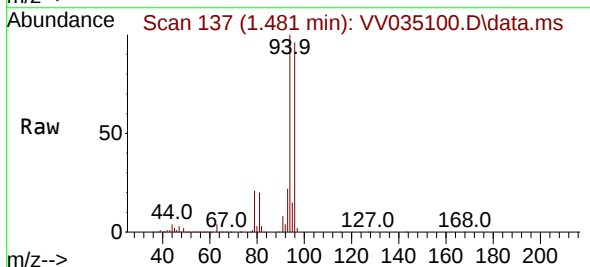
Acq: 10 Apr 2024 11:40

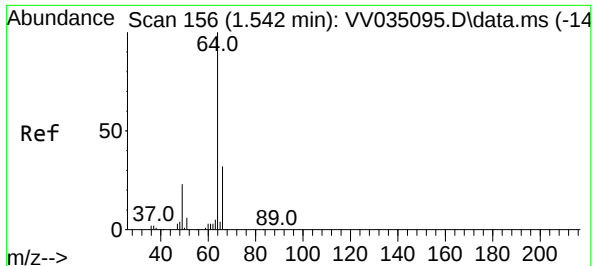
Tgt Ion: 94 Resp: 73369

Ion Ratio Lower Upper

94 100

96 96.4 66.3 123.1

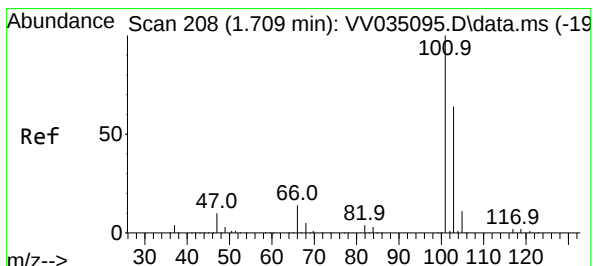
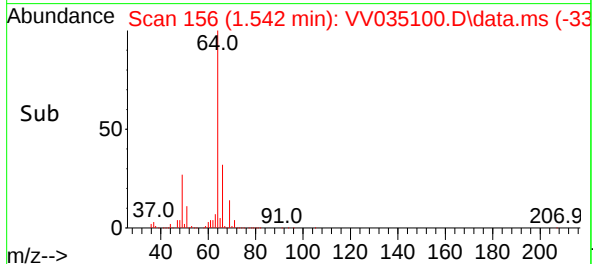
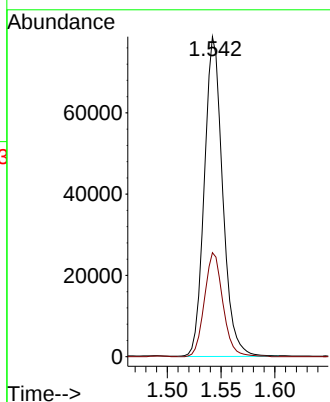
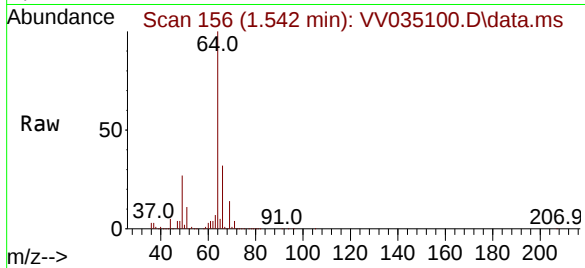




#8
Chloroethane
Concen: 49.179 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

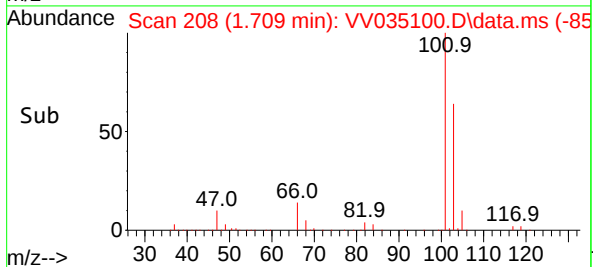
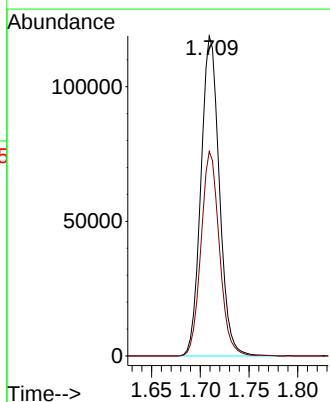
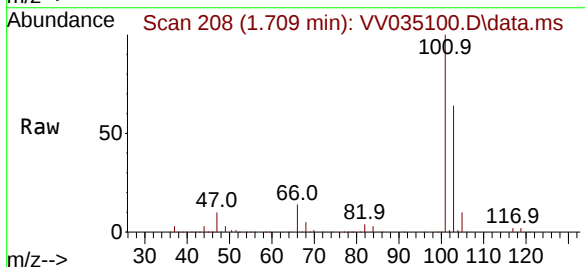
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

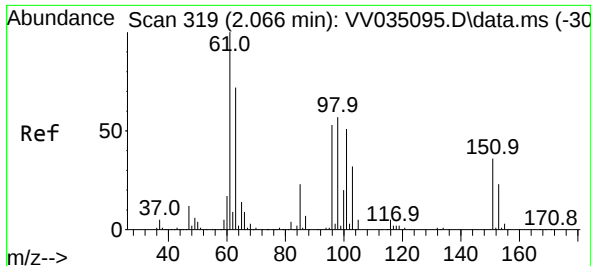
Tgt Ion: 64 Resp: 93333
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 42.812 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion:101 Resp: 156140
Ion Ratio Lower Upper
101 100
103 63.7 51.6 77.4





#10

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

Concen: 41.624 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

E07R9MS

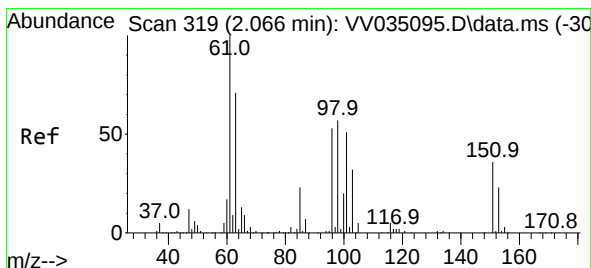
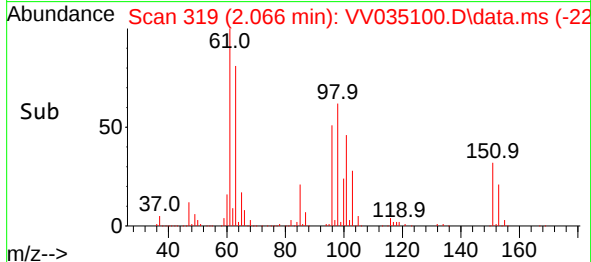
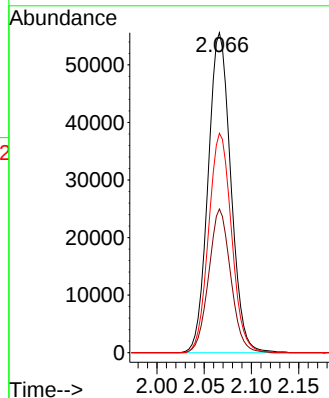
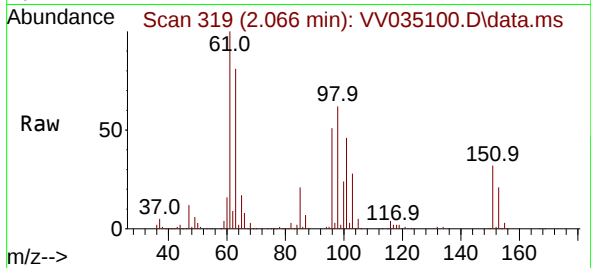
Tgt Ion:101 Resp: 92917

Ion Ratio Lower Upper

101 100

85 43.5 35.3 52.9

151 69.2 55.0 82.4



#12

1,1-Dichloroethene

Concen: 42.363 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

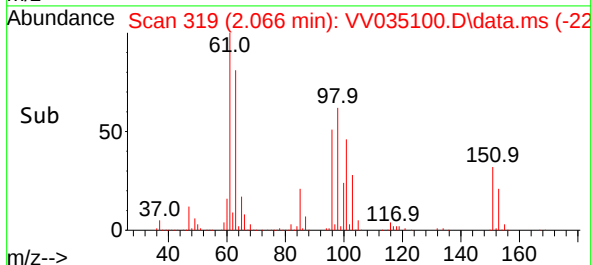
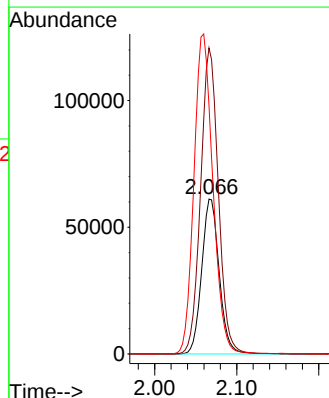
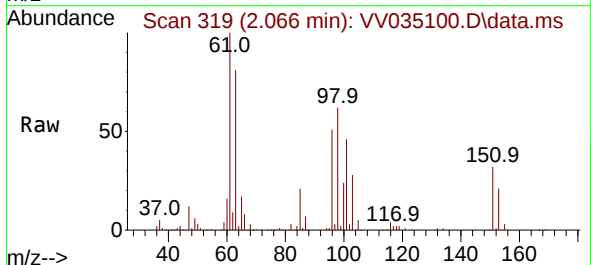
Tgt Ion: 96 Resp: 90446

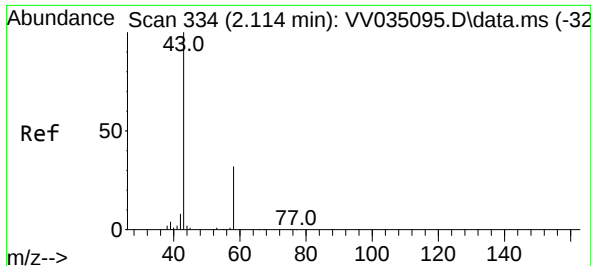
Ion Ratio Lower Upper

96 100

61 197.7 131.5 244.3

63 160.4 111.4 206.8





#13

Acetone

Concen: 128.469 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

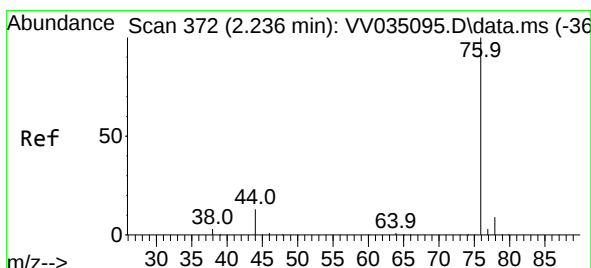
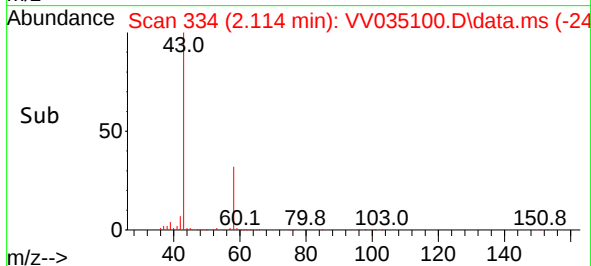
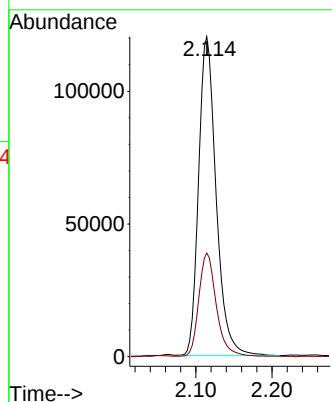
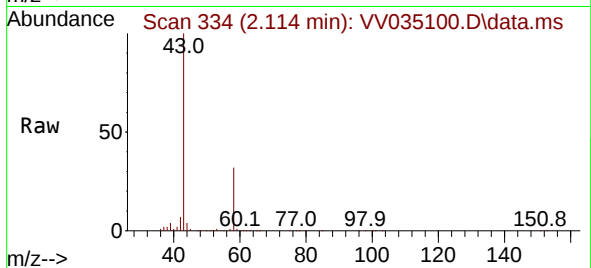
E07R9MS

Tgt Ion: 43 Resp: 192178

Ion Ratio Lower Upper

43 100

58 32.3 0.0 66.0



#14

Carbon disulfide

Concen: 36.893 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV035100.D

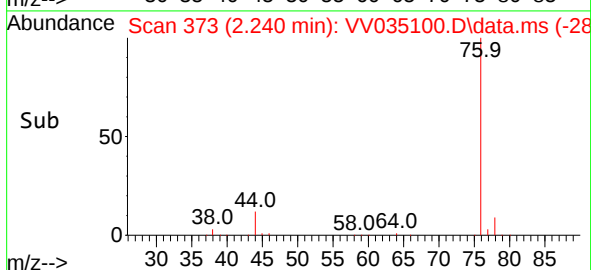
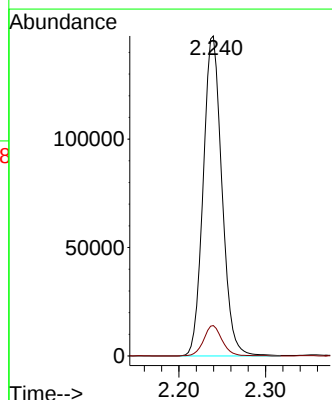
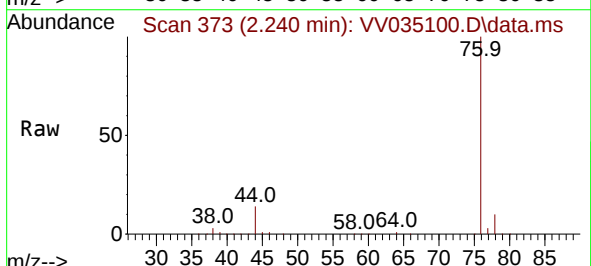
Acq: 10 Apr 2024 11:40

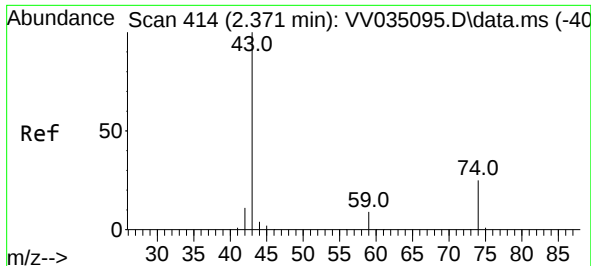
Tgt Ion: 76 Resp: 221816

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

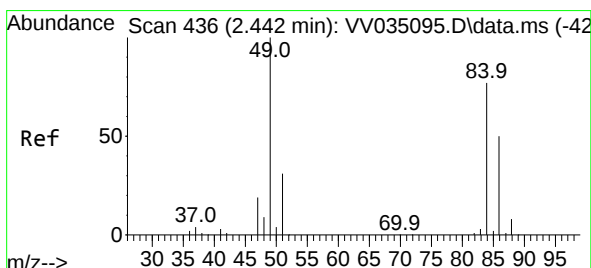
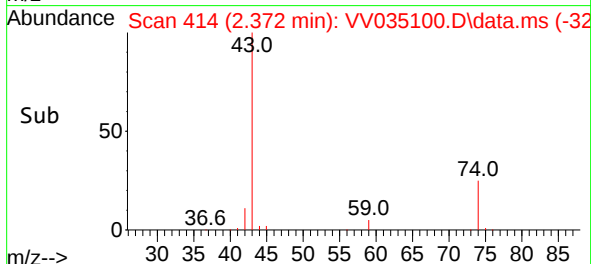
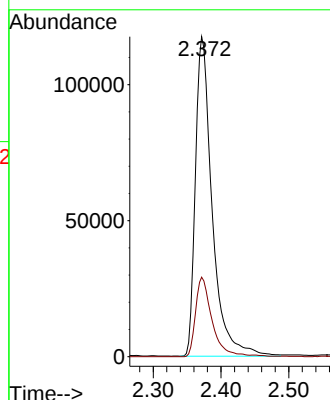
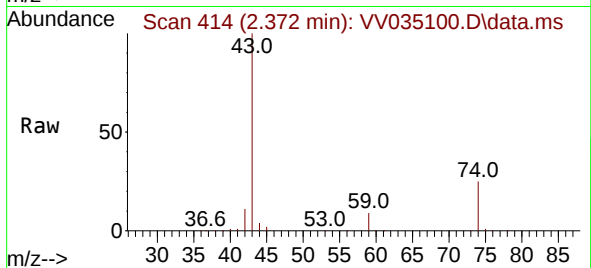




#15
Methyl Acetate
Concen: 85.808 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

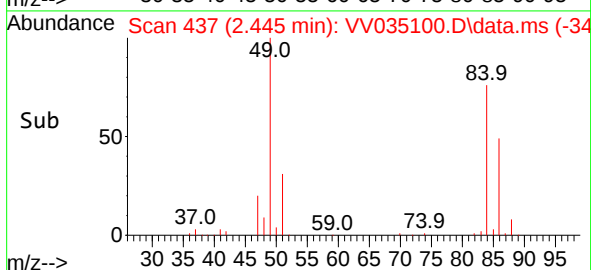
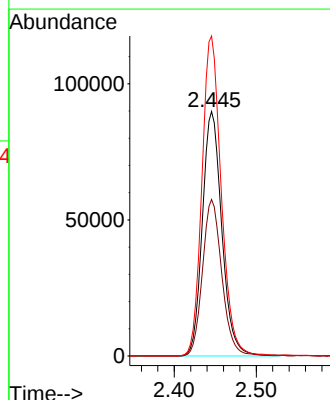
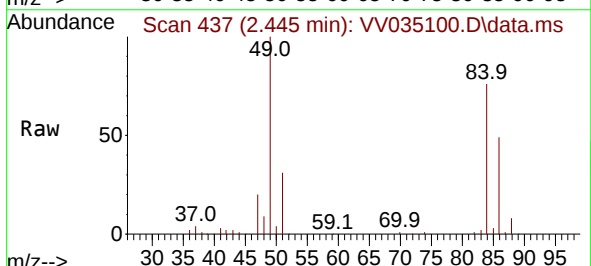
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

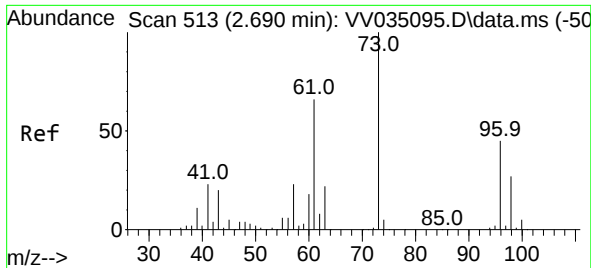
Tgt Ion: 43 Resp: 202277
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.8



#16
Methylene chloride
Concen: 63.834 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 84 Resp: 147672
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 130.9 86.9 161.3

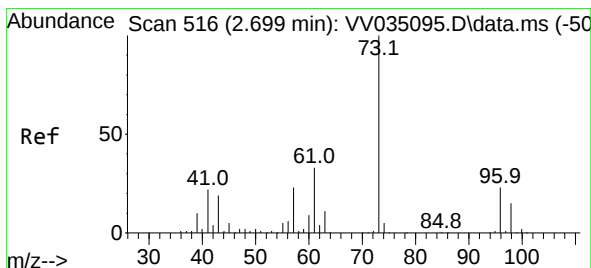
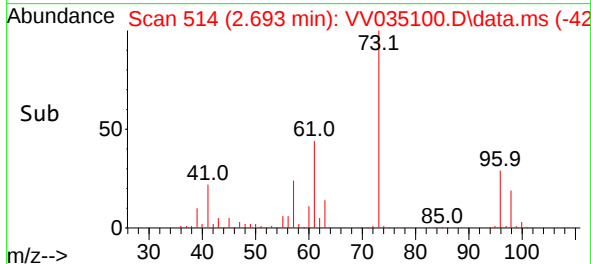
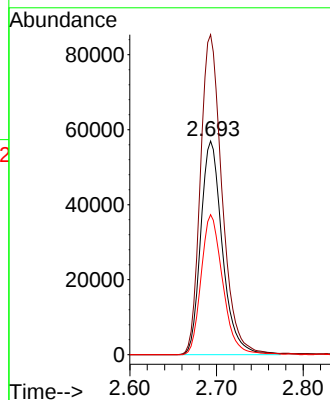
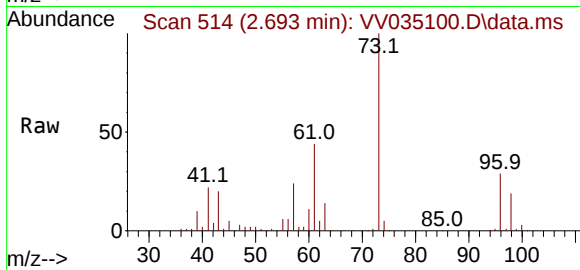




#17
trans-1,2-Dichloroethene
Concen: 48.019 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

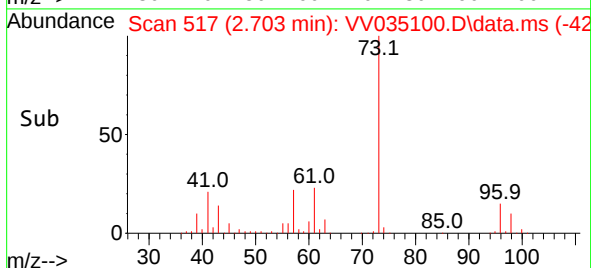
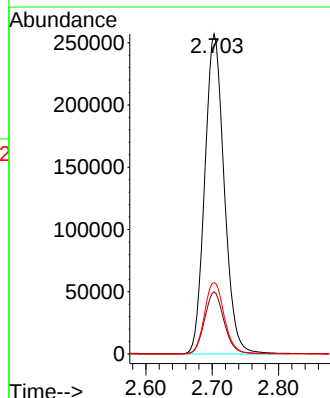
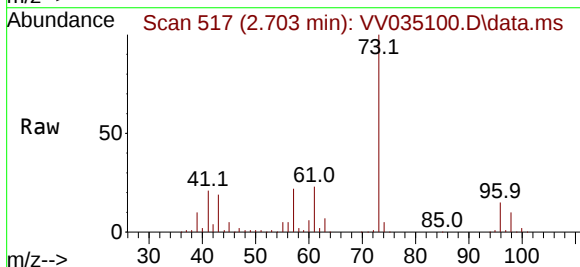
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

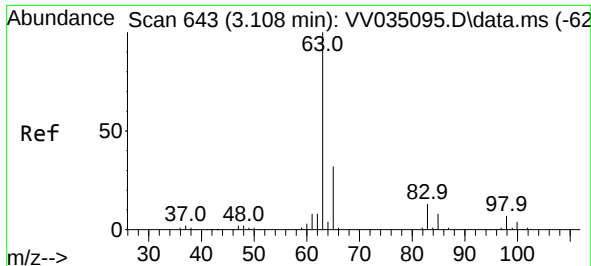
Tgt Ion: 96 Resp: 99118
Ion Ratio Lower Upper
96 100
61 149.8 99.0 183.8
98 65.6 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 72.216 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 73 Resp: 523582
Ion Ratio Lower Upper
73 100
43 19.2 14.6 21.8
57 22.7 17.6 26.4

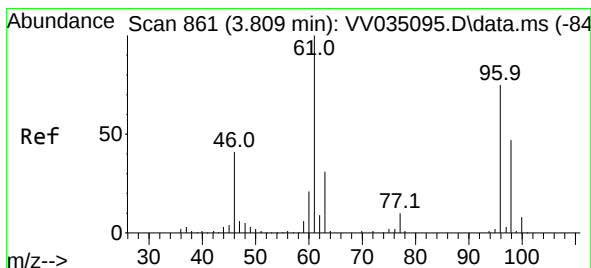
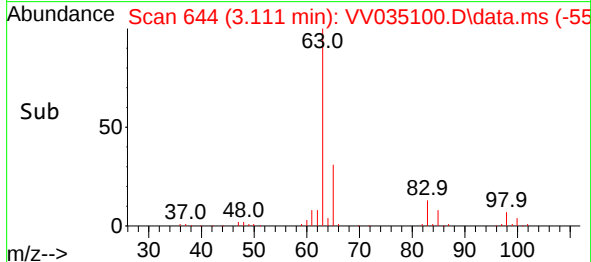
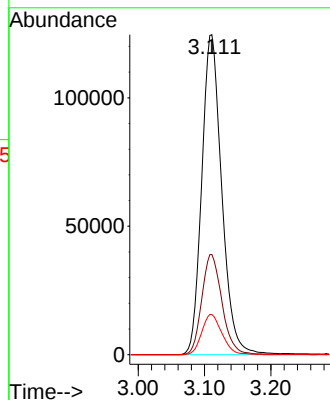
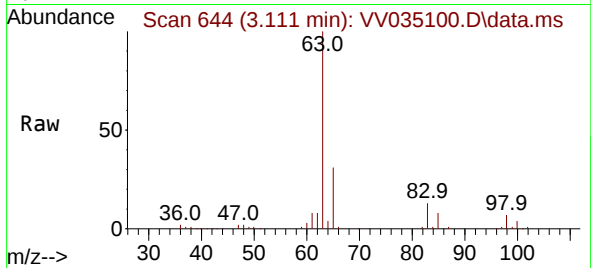




#19
1,1-Dichloroethane
Concen: 61.600 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

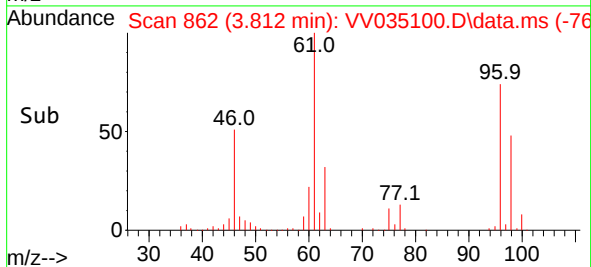
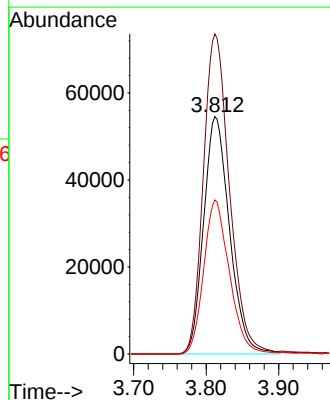
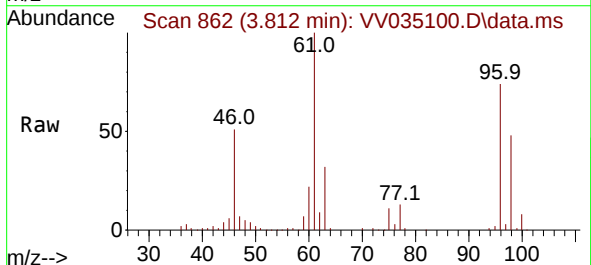
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

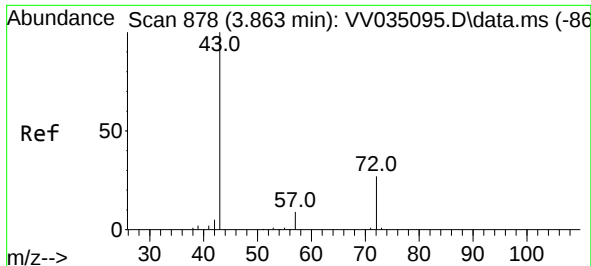
Tgt Ion: 63 Resp: 260749
Ion Ratio Lower Upper
63 100
65 31.3 23.0 42.6
83 12.5 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 57.817 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 96 Resp: 135519
Ion Ratio Lower Upper
96 100
61 134.8 94.9 176.3
98 64.9 45.6 84.8

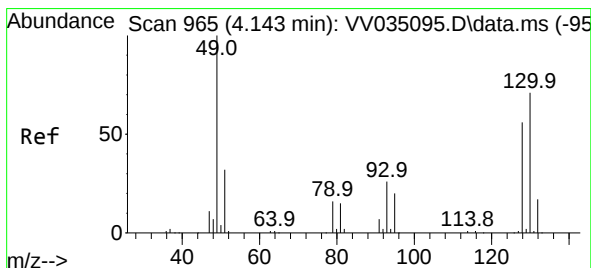
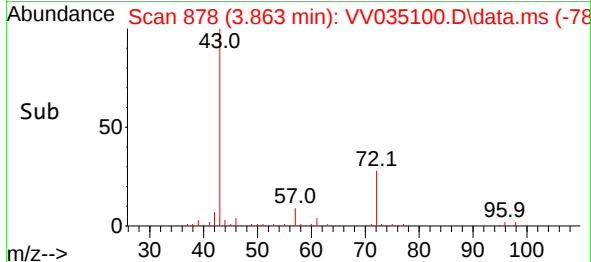
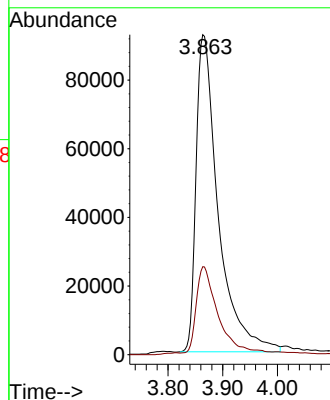
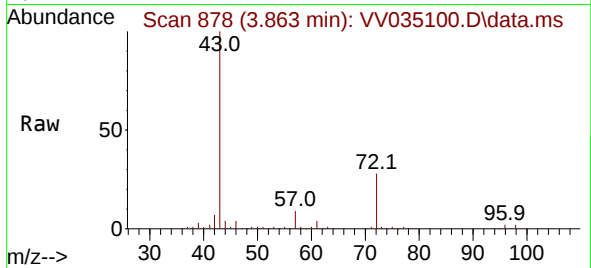




#22
2-Butanone
Concen: 149.791 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

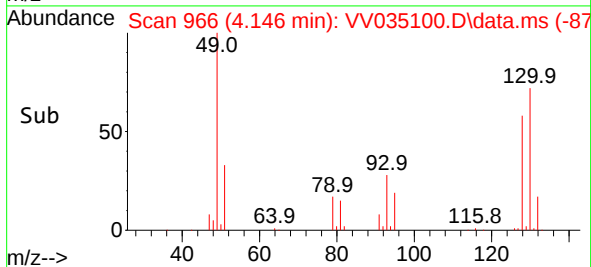
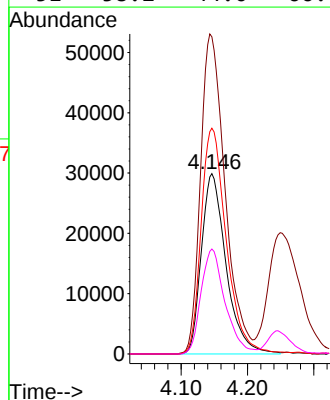
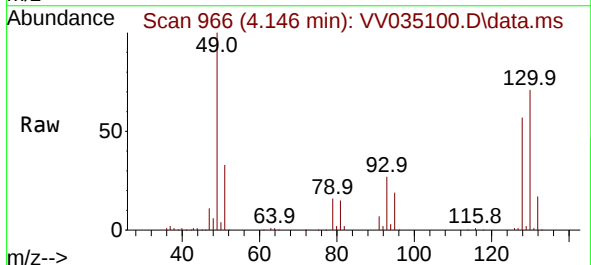
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

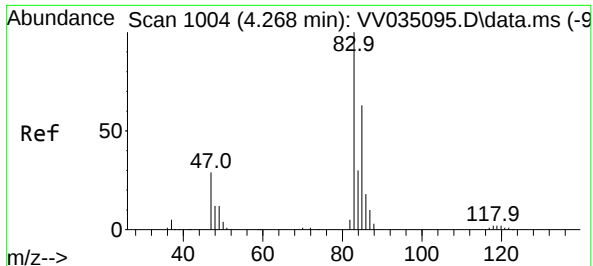
Tgt Ion: 43 Resp: 260013
Ion Ratio Lower Upper
43 100
72 26.6 13.2 39.6



#23
Bromochloromethane
Concen: 65.782 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion:128 Resp: 77144
Ion Ratio Lower Upper
128 100
49 175.8 123.8 229.8
130 125.1 93.2 173.0
51 58.2 44.0 66.0

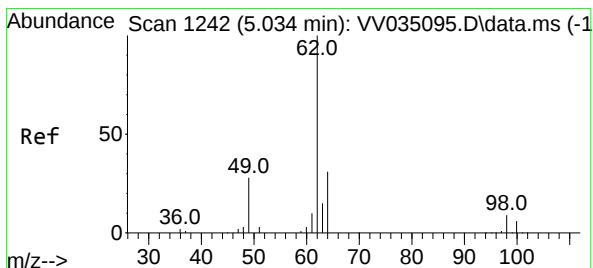
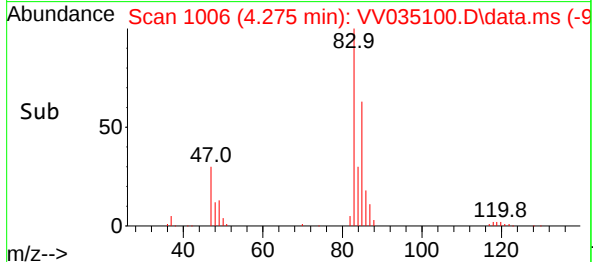
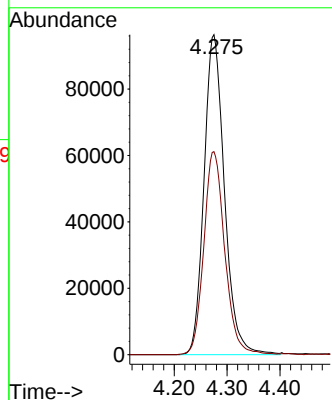
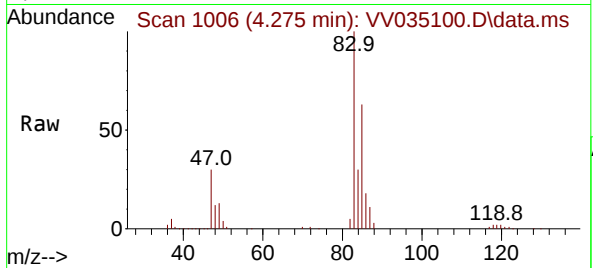




#25
Chloroform
Concen: 61.927 ug/L
RT: 4.275 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

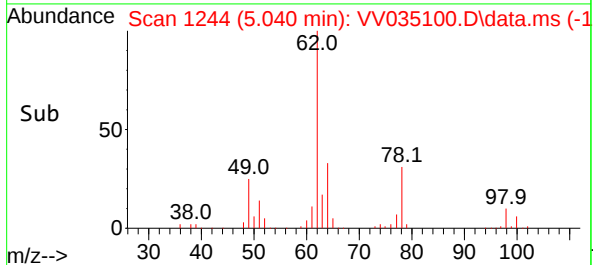
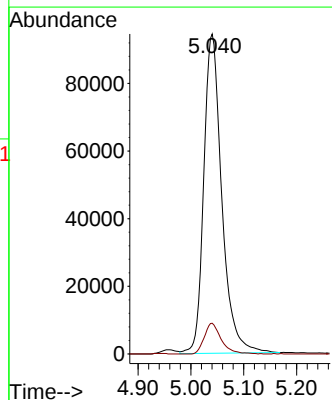
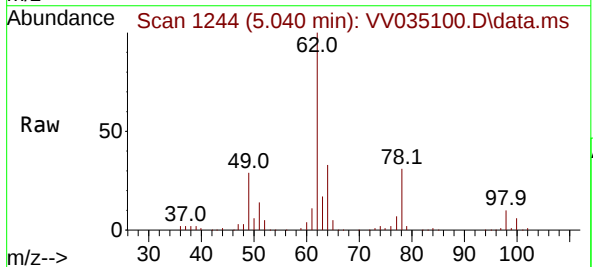
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

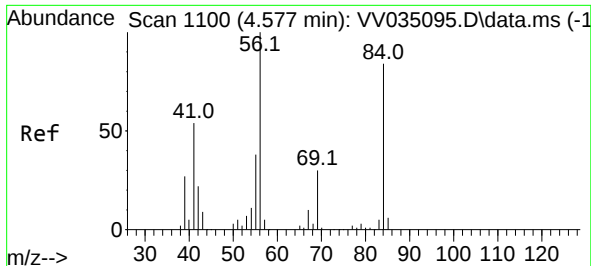
Tgt Ion: 83 Resp: 259164
Ion Ratio Lower Upper
83 100
85 63.5 46.0 85.4



#27
1,2-Dichloroethane
Concen: 67.204 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 62 Resp: 223927
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8





#29

Cyclohexane

Concen: 40.016 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

E07R9MS

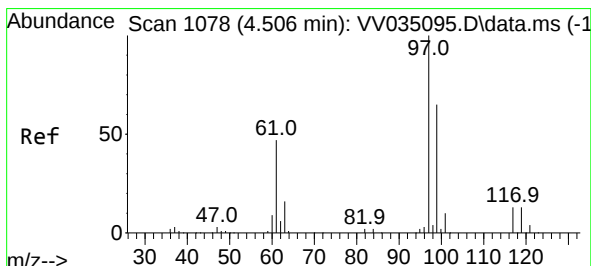
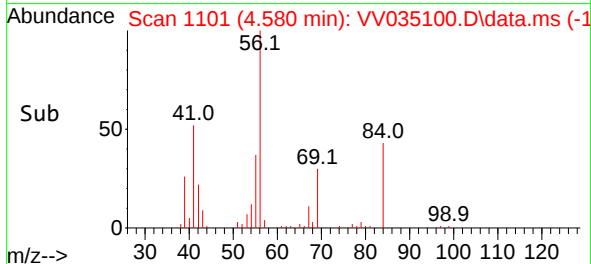
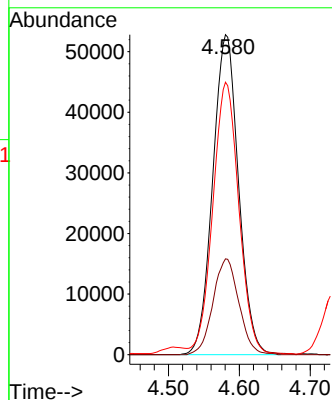
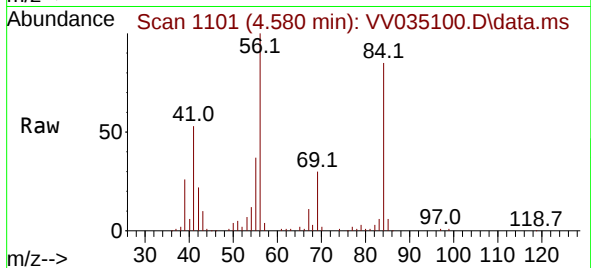
Tgt Ion: 56 Resp: 133653

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.2

84 85.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.115 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

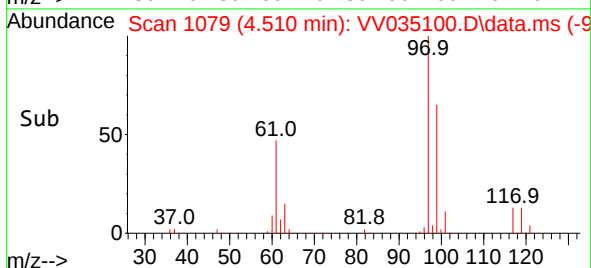
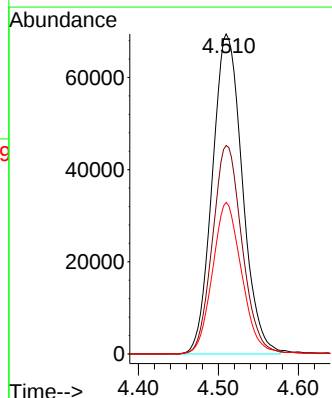
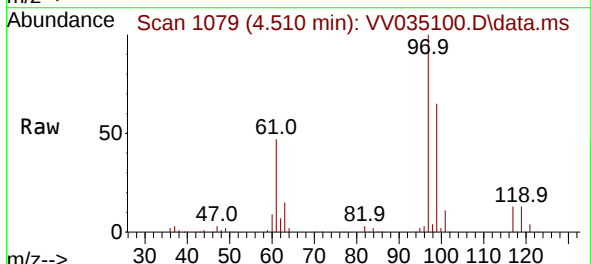
Tgt Ion: 97 Resp: 181153

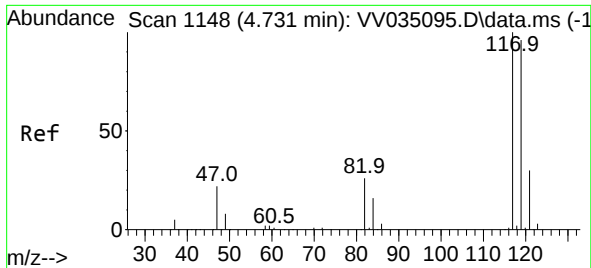
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 46.0 36.8 55.2

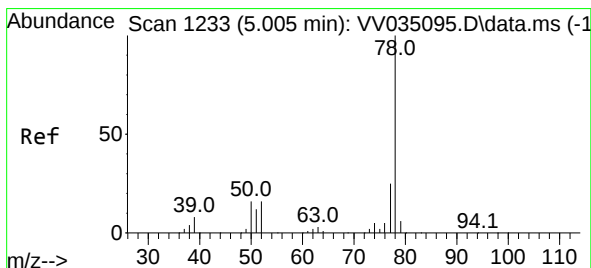
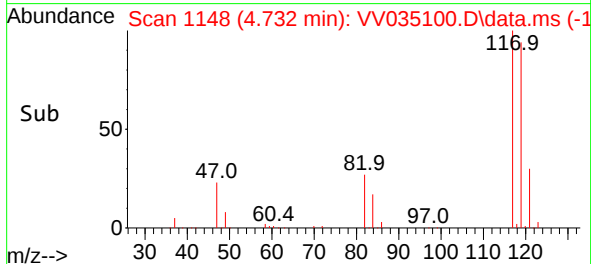
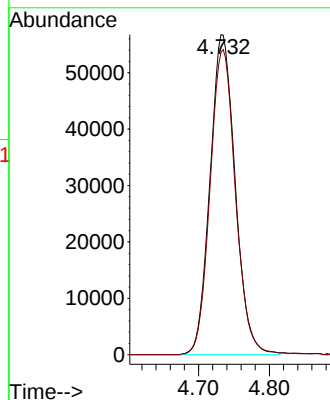
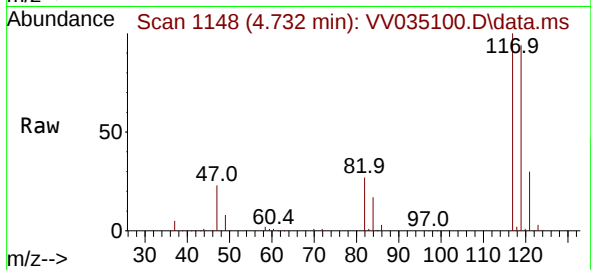




#31
Carbon tetrachloride
Concen: 47.490 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

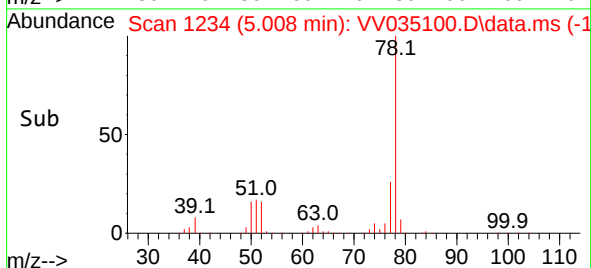
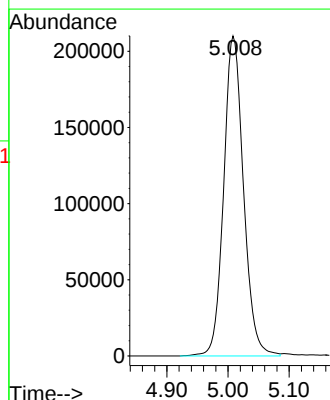
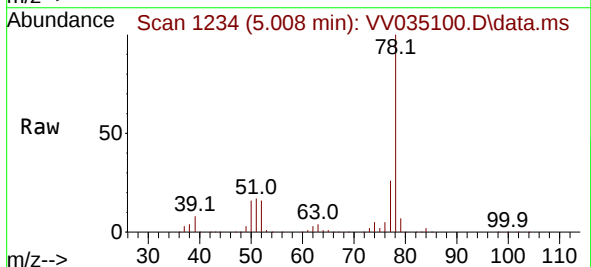
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

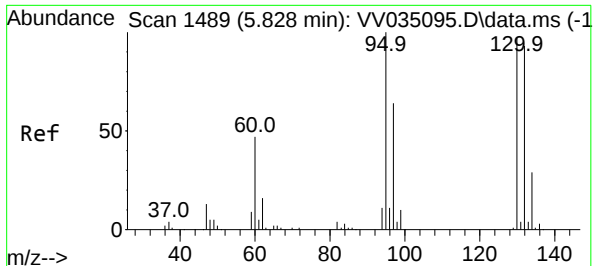
Tgt Ion:117 Resp: 139914
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 54.387 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 78 Resp: 472930

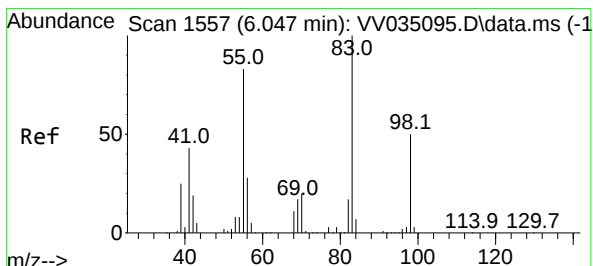
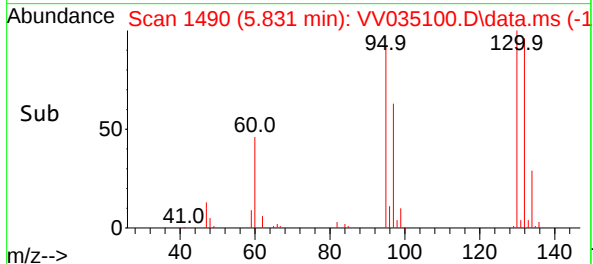
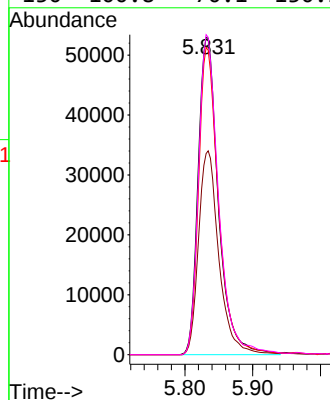
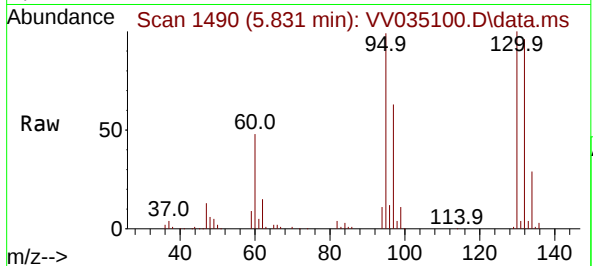




#34
Trichloroethene
Concen: 46.846 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

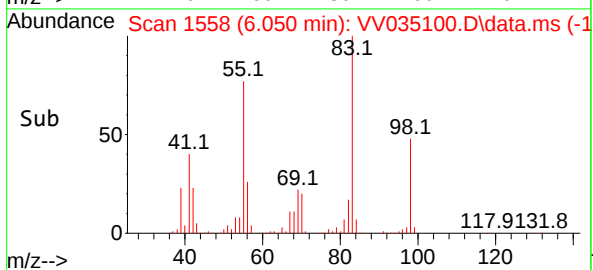
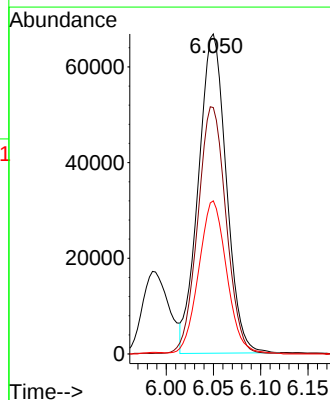
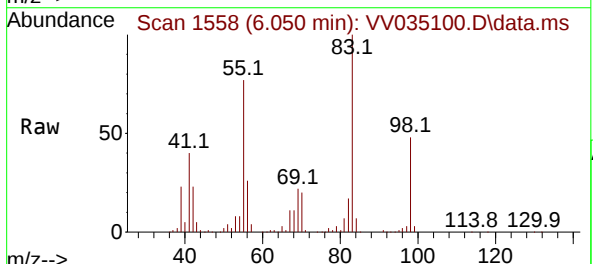
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

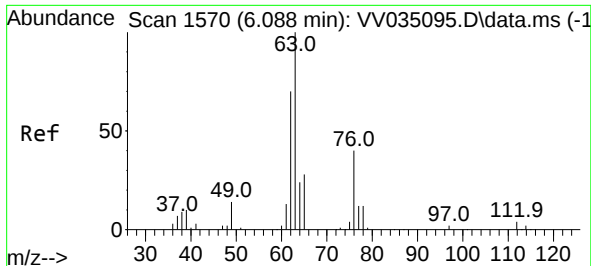
Tgt Ion: 95 Resp: 109936
Ion Ratio Lower Upper
95 100
97 63.4 45.3 84.1
132 96.9 65.3 121.3
130 100.8 70.1 130.3



#35
Methylcyclohexane
Concen: 38.552 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 83 Resp: 136634
Ion Ratio Lower Upper
83 100
55 78.9 60.0 90.0
98 48.5 37.6 56.4





#37

1,2-Dichloropropane

Concen: 63.881 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

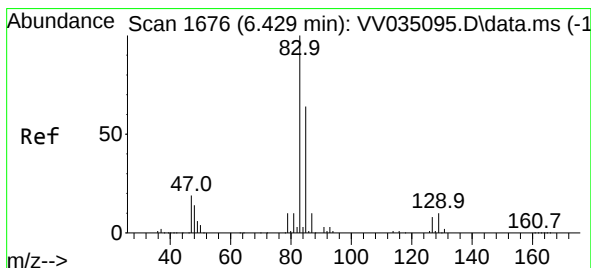
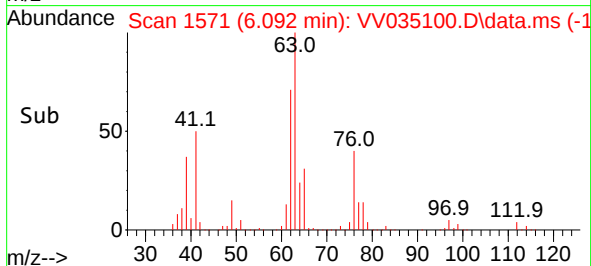
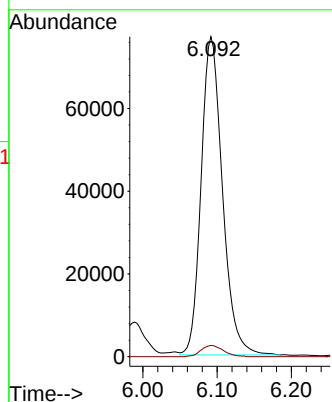
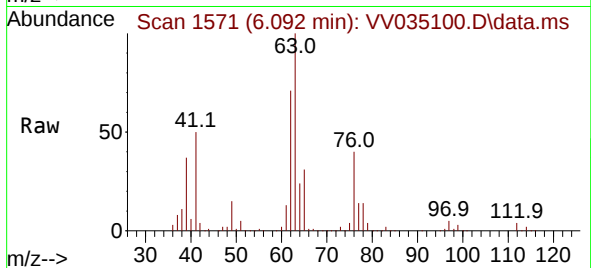
E07R9MS

Tgt Ion: 63 Resp: 153511

Ion Ratio Lower Upper

63 100

112 3.7 3.3 4.9



#38

Bromodichloromethane

Concen: 64.089 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

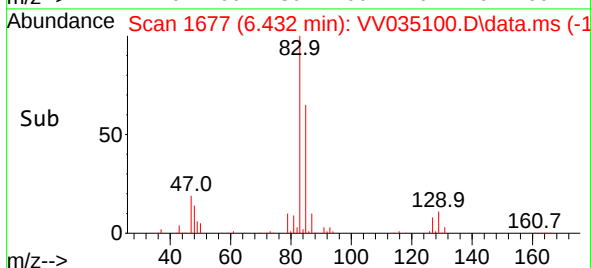
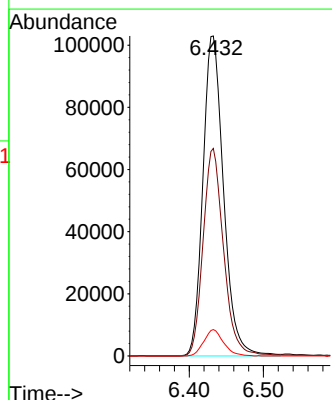
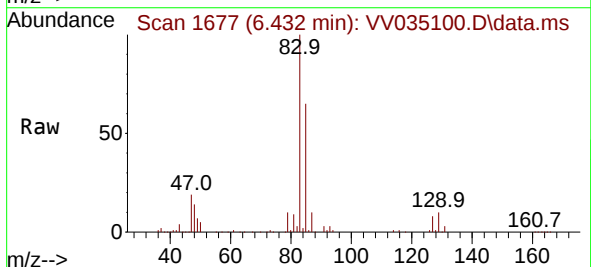
Tgt Ion: 83 Resp: 198709

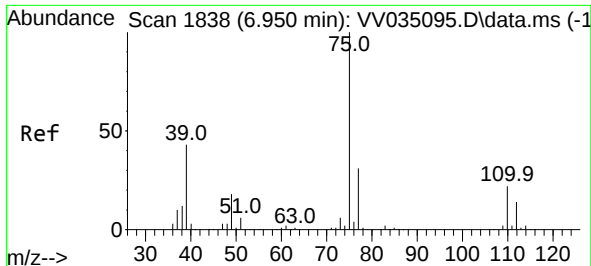
Ion Ratio Lower Upper

83 100

85 64.9 43.7 81.1

127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 57.822 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

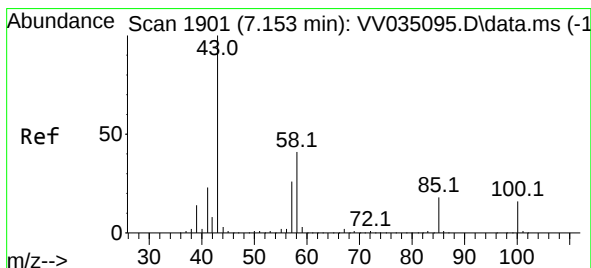
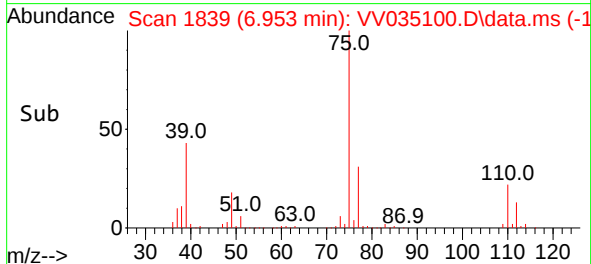
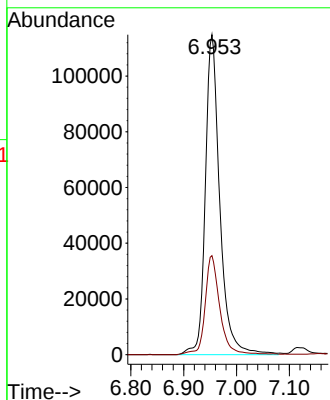
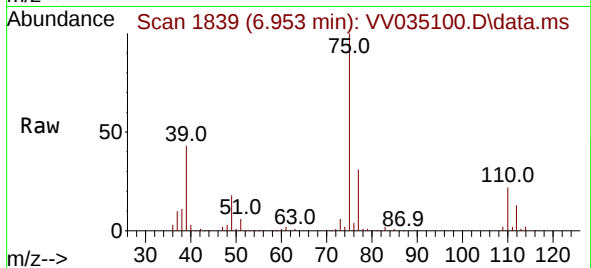
E07R9MS

Tgt Ion: 75 Resp: 218890

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 164.916 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

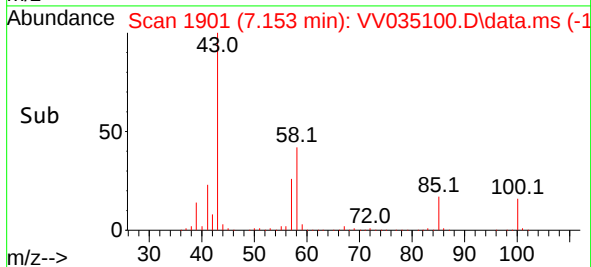
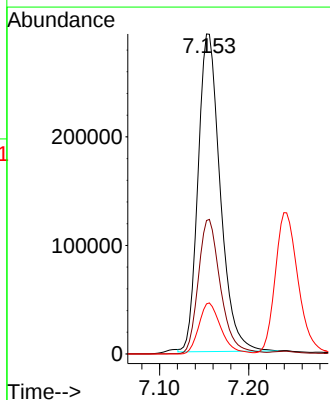
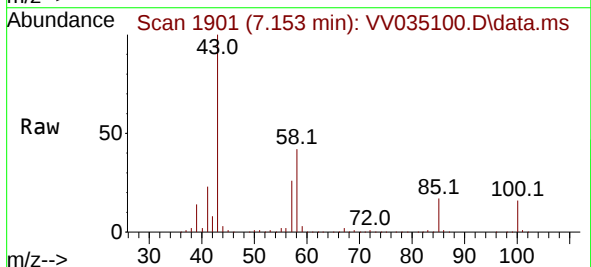
Tgt Ion: 43 Resp: 505985

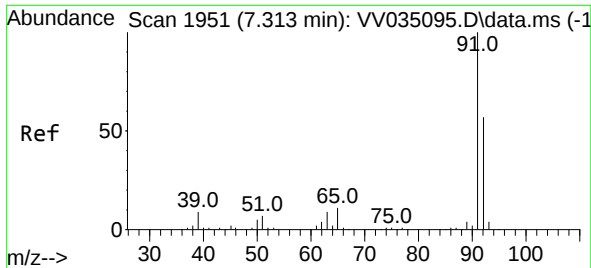
Ion Ratio Lower Upper

43 100

58 42.8 33.8 50.8

100 16.0 13.0 19.4





#42

Toluene

Concen: 50.059 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

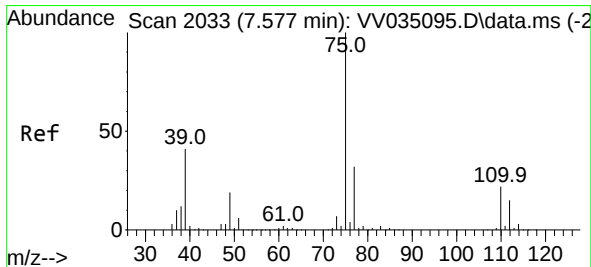
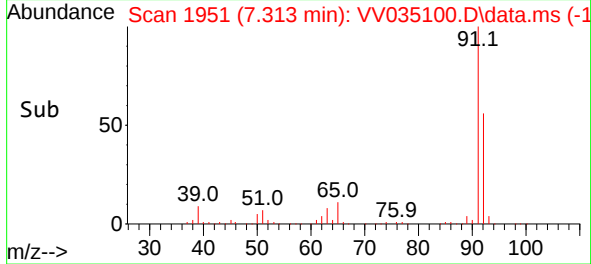
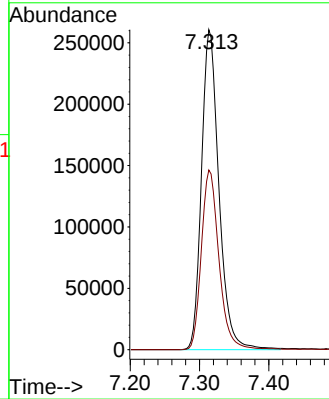
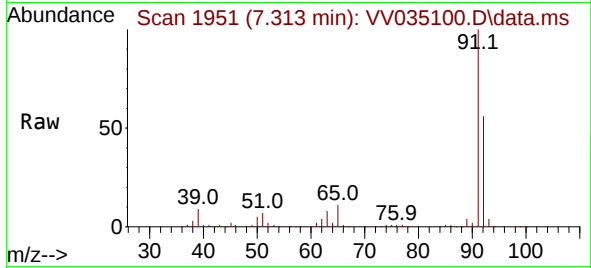
E07R9MS

Tgt Ion: 91 Resp: 455722

Ion Ratio Lower Upper

91 100

92 56.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 59.924 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035100.D

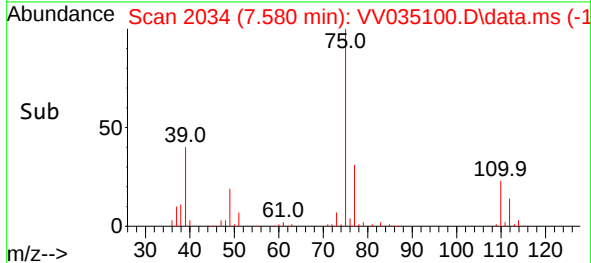
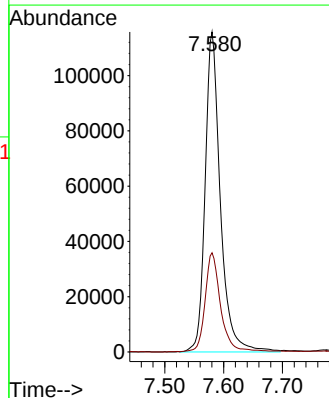
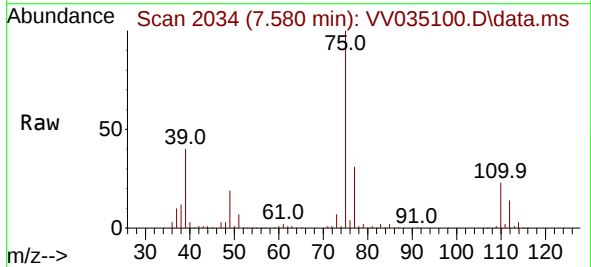
Acq: 10 Apr 2024 11:40

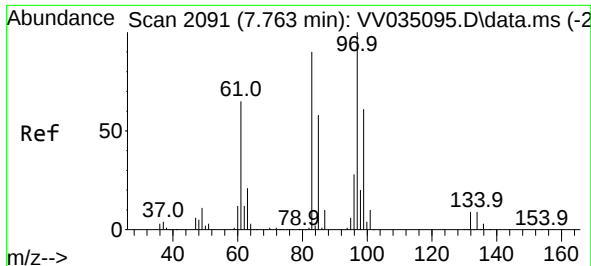
Tgt Ion: 75 Resp: 208409

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 70.394 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

E07R9MS

Tgt Ion: 97 Resp: 159442

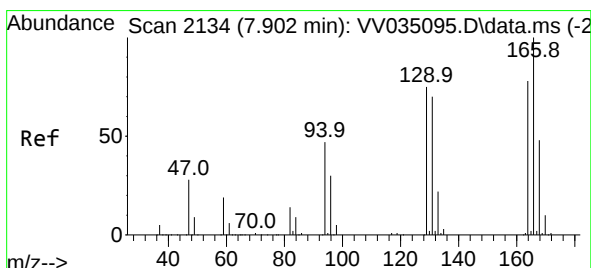
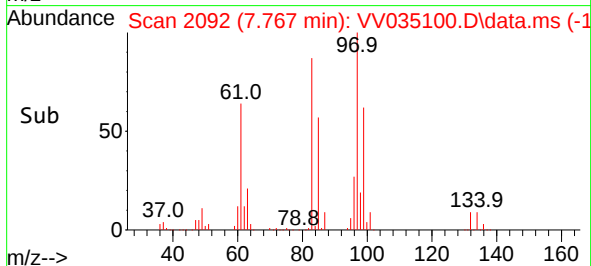
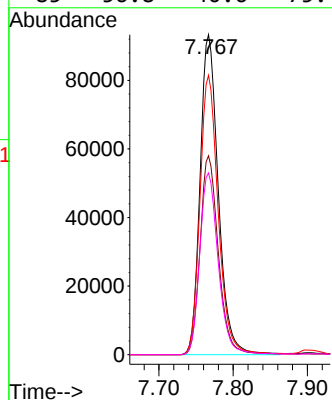
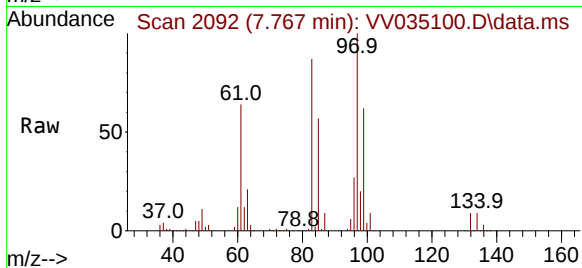
Ion Ratio Lower Upper

97 100

99 62.2 43.3 80.3

83 87.3 61.6 114.4

85 56.8 40.6 75.4



#46

Tetrachloroethene

Concen: 44.968 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Tgt Ion:164 Resp: 73726

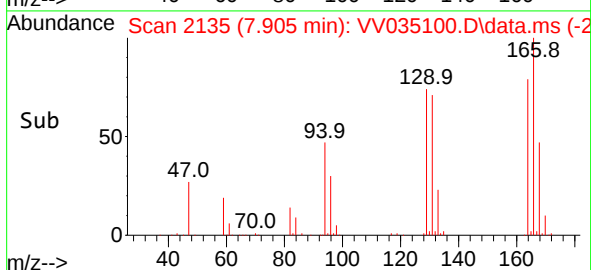
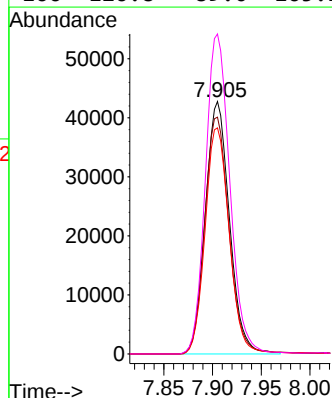
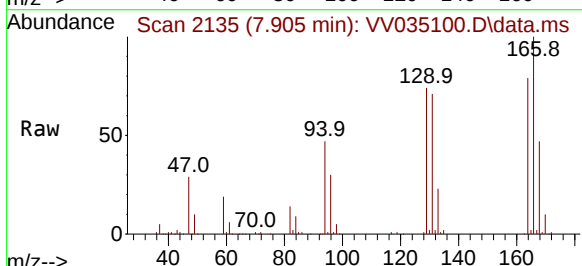
Ion Ratio Lower Upper

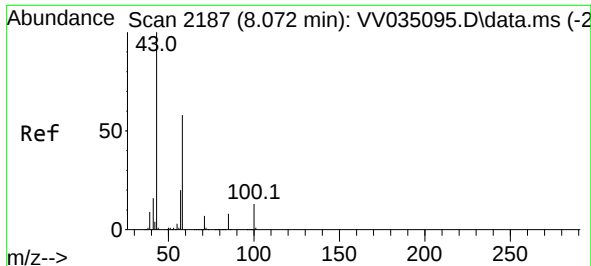
164 100

129 93.8 68.6 127.4

131 89.6 65.7 122.1

166 126.8 89.0 165.2



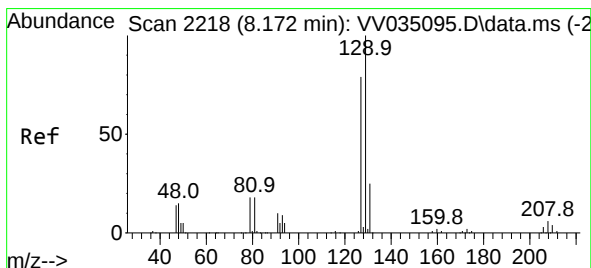
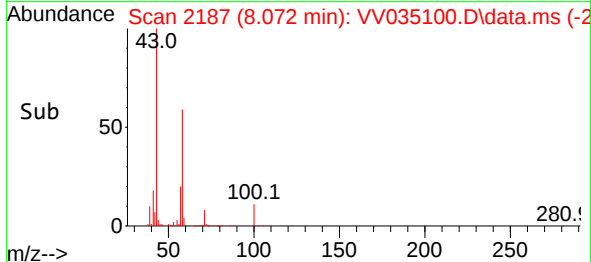
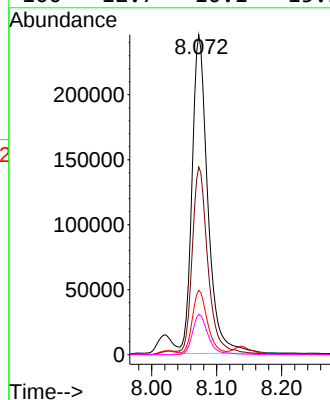
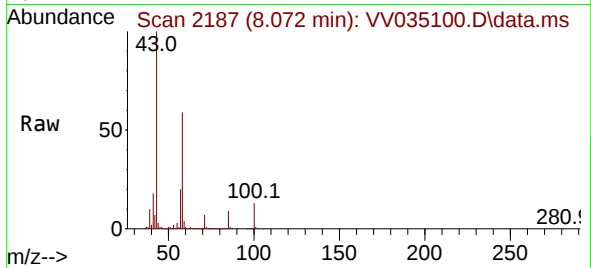


#48
2-Hexanone
Concen: 158.581 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

Tgt Ion: 43 Resp: 413814

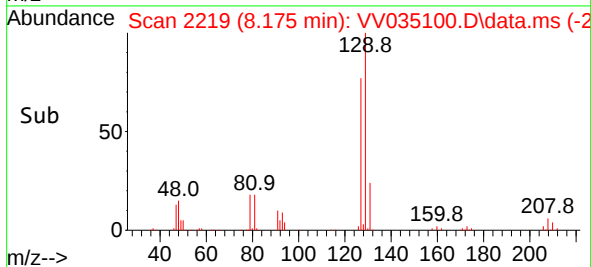
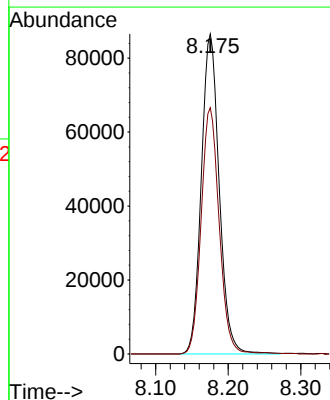
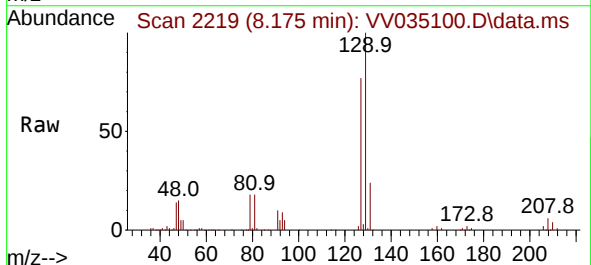
Ion	Ratio	Lower	Upper
43	100		
58	58.4	45.4	68.2
57	19.5	16.2	24.4
100	12.7	10.1	15.1

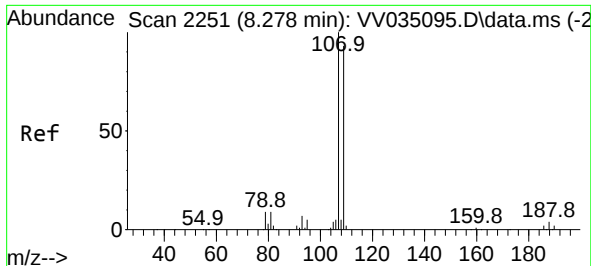


#49
Dibromochloromethane
Concen: 66.112 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 129 Resp: 148310

Ion	Ratio	Lower	Upper
129	100		
127	76.9	54.1	100.5

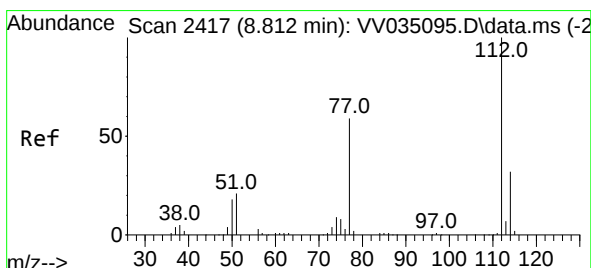
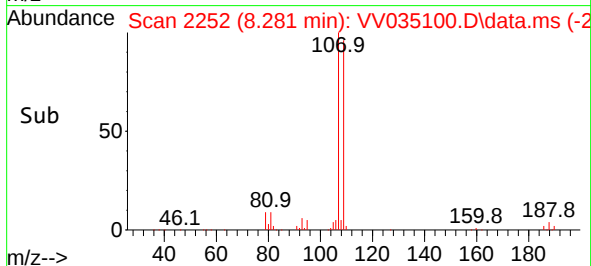
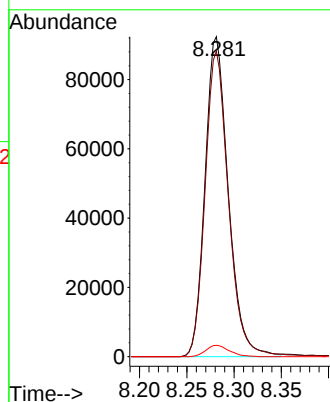
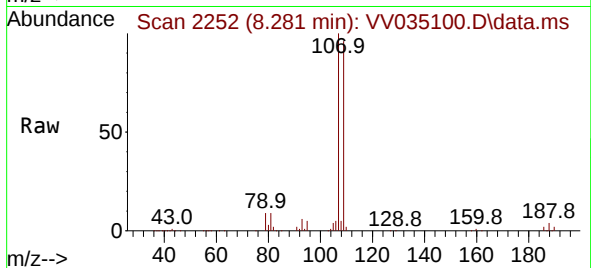




#50
1,2-Dibromoethane
Concen: 64.983 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

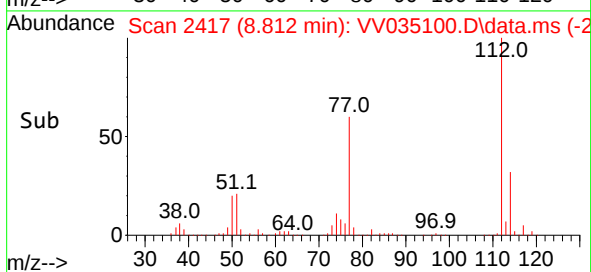
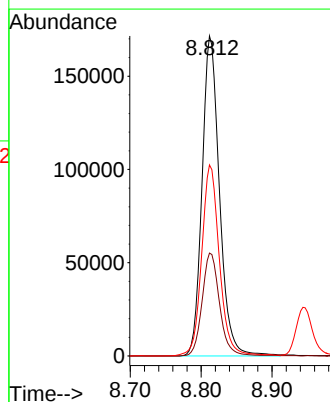
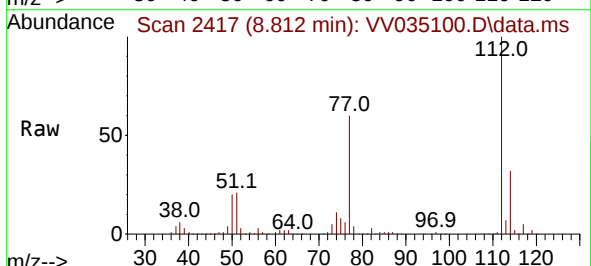
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

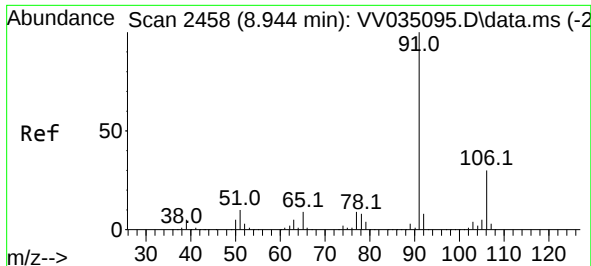
Tgt Ion:107 Resp: 158463
Ion Ratio Lower Upper
107 100
109 95.5 64.5 119.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 49.734 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion:112 Resp: 293449
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 59.7 47.4 71.2

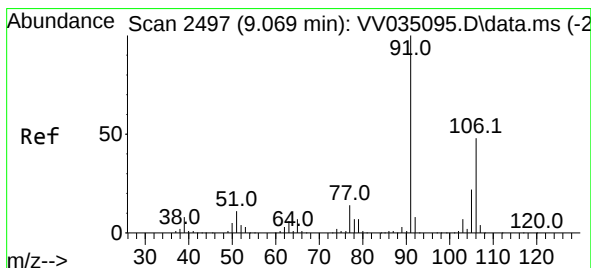
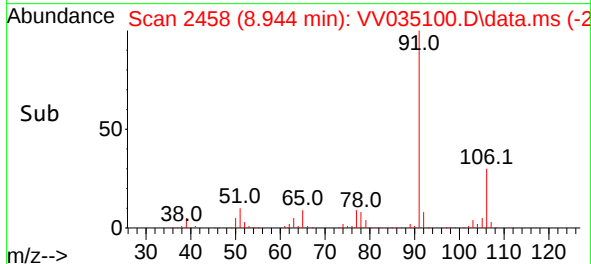
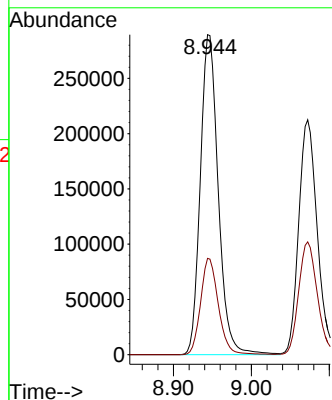
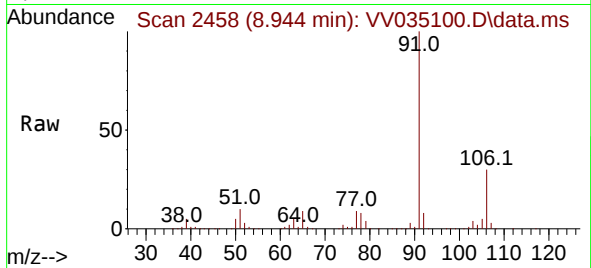




#52
Ethylbenzene
Concen: 45.862 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

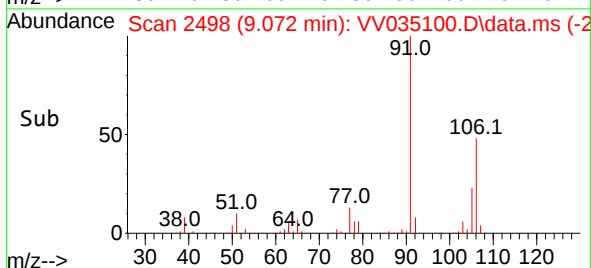
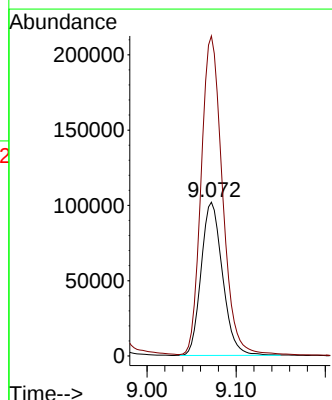
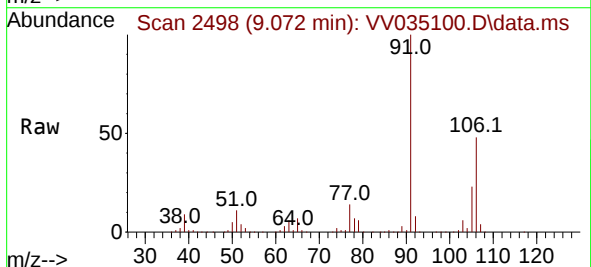
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

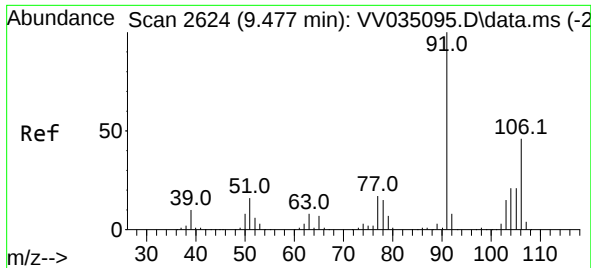
Tgt Ion: 91 Resp: 462727
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 45.669 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 106 Resp: 169691
Ion Ratio Lower Upper
106 100
91 208.1 144.8 269.0

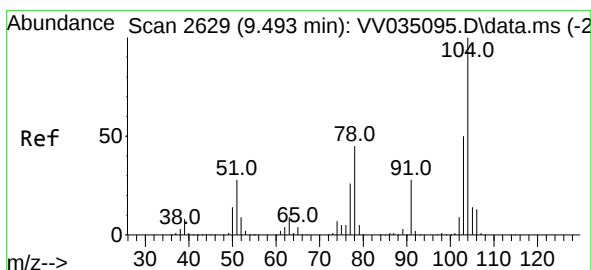
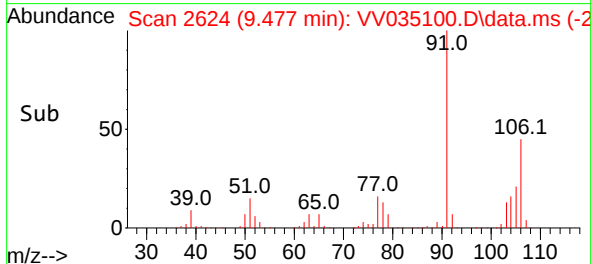
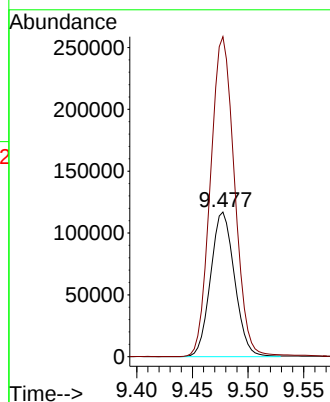
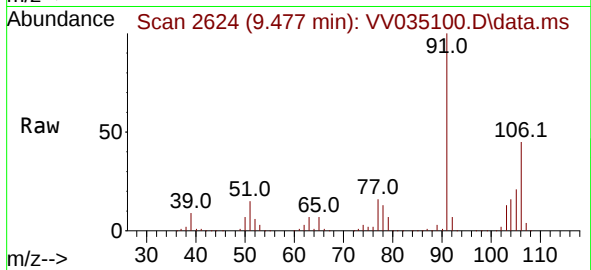




#54
o-Xylene
Concen: 47.683 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

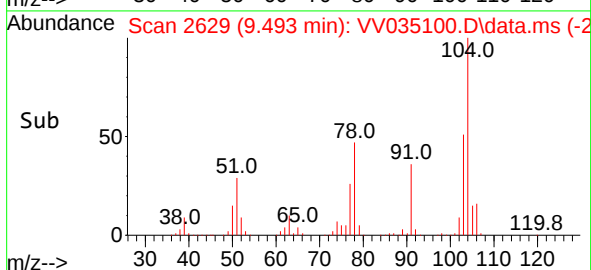
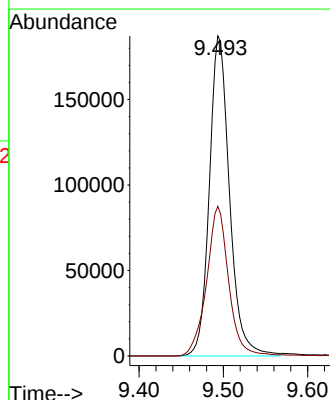
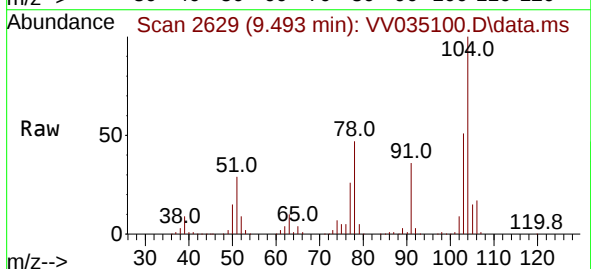
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

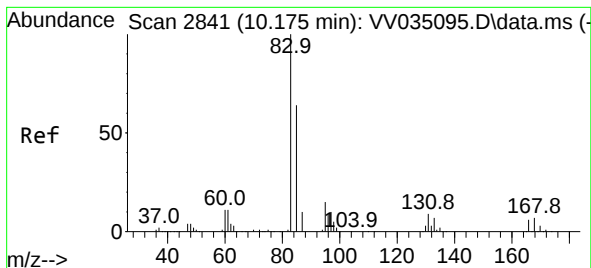
Tgt Ion:106 Resp: 175302
Ion Ratio Lower Upper
106 100
91 221.3 151.3 280.9



#55
Styrene
Concen: 50.198 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion:104 Resp: 311862
Ion Ratio Lower Upper
104 100
78 46.8 31.5 58.5

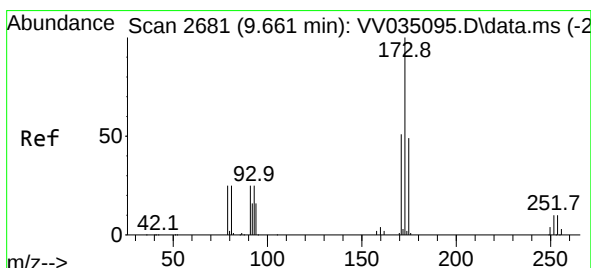
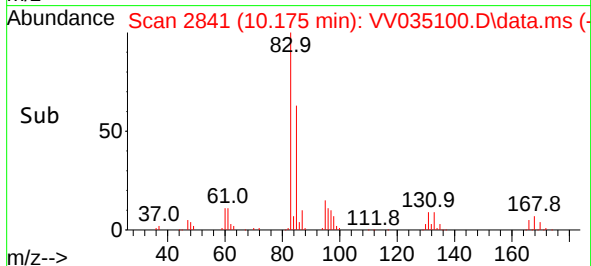
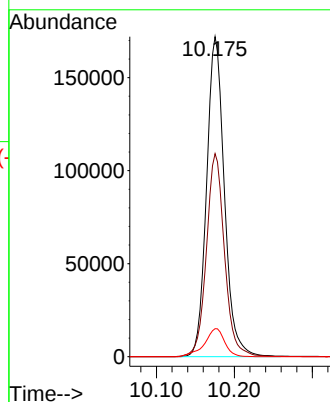
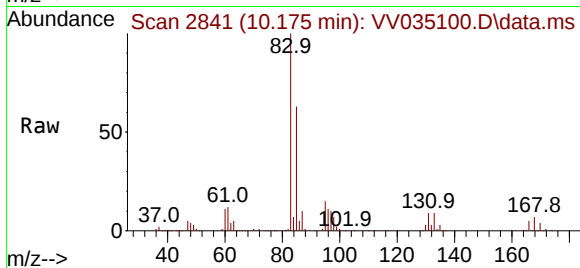




#57
1,1,2,2-Tetrachloroethane
Concen: 74.525 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

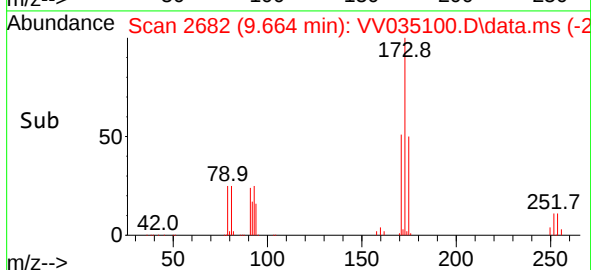
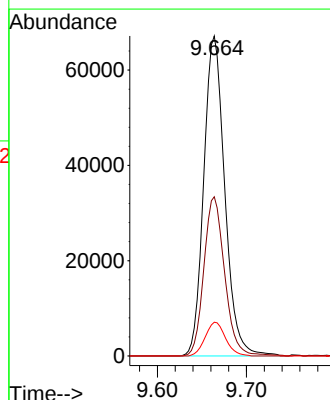
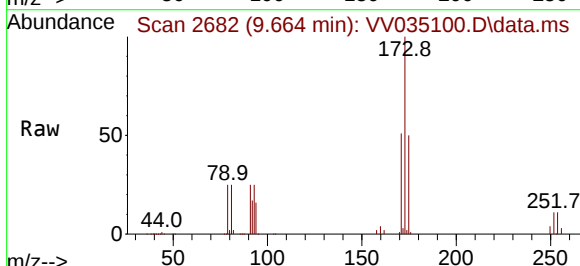
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

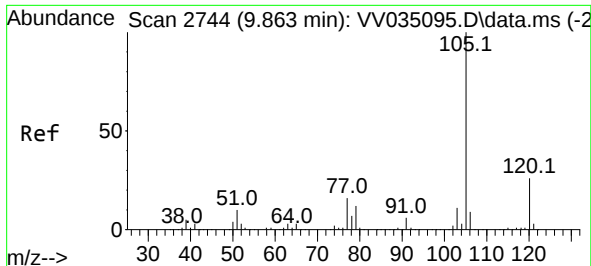
Tgt Ion: 83 Resp: 273492
Ion Ratio Lower Upper
83 100
85 63.5 44.5 82.7
131 8.7 6.9 10.3



#59
Bromoform
Concen: 74.745 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 173 Resp: 110220
Ion Ratio Lower Upper
173 100
175 49.0 39.3 58.9
254 10.2 7.5 11.3

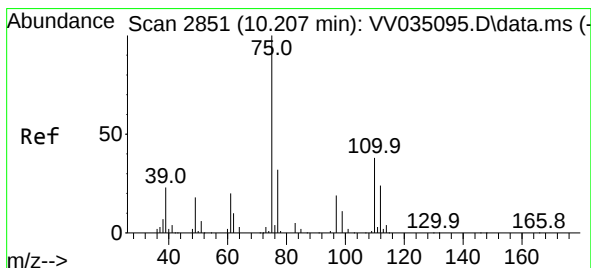
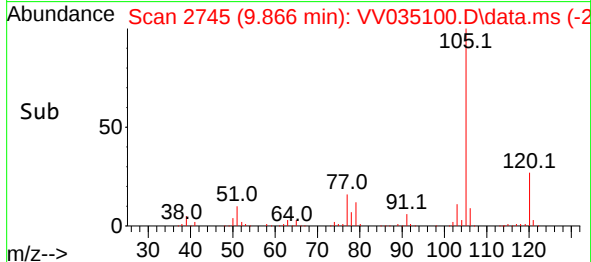
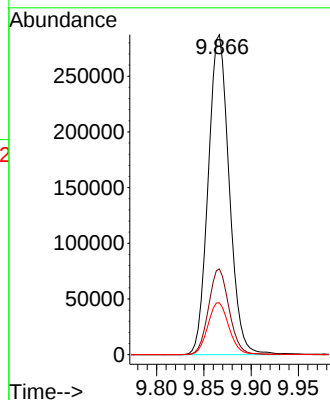
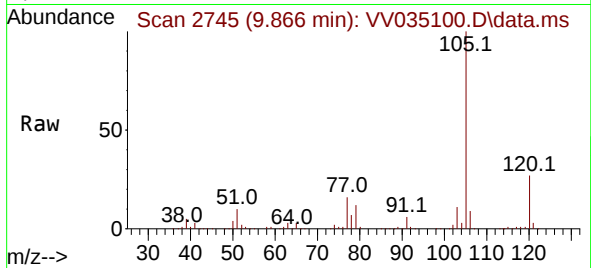




#60
Isopropylbenzene
Concen: 47.821 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

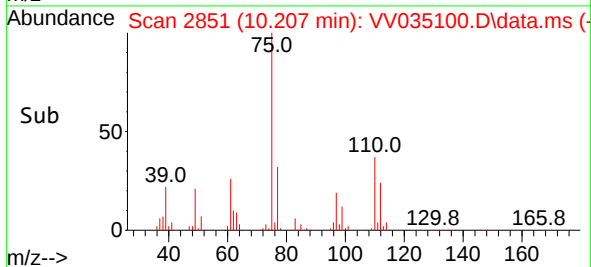
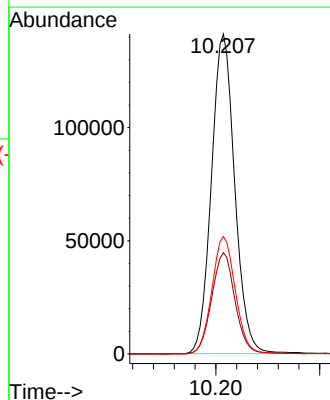
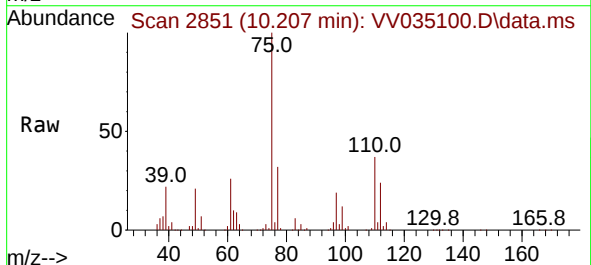
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

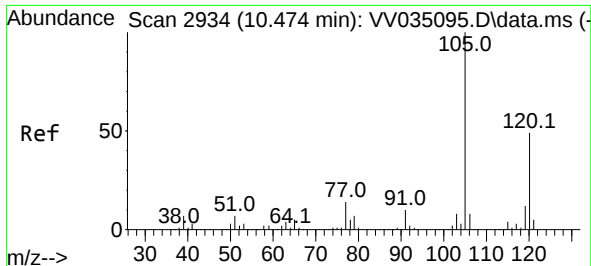
Tgt Ion:105 Resp: 443617
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 78.718 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 75 Resp: 219494
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 37.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 47.742 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

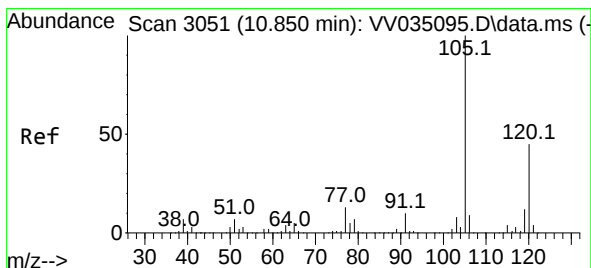
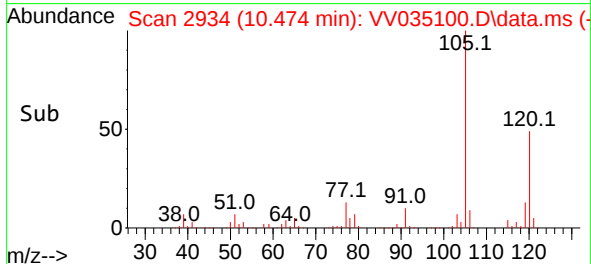
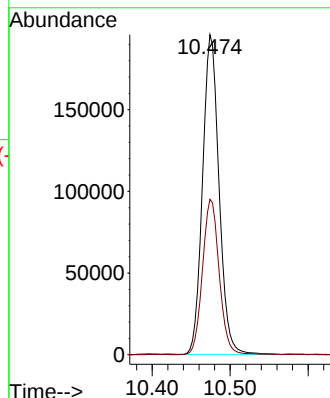
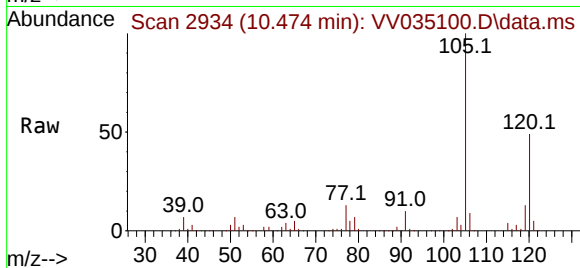
E07R9MS

Tgt Ion:105 Resp: 287629

Ion Ratio Lower Upper

105 100

120 49.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 48.879 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035100.D

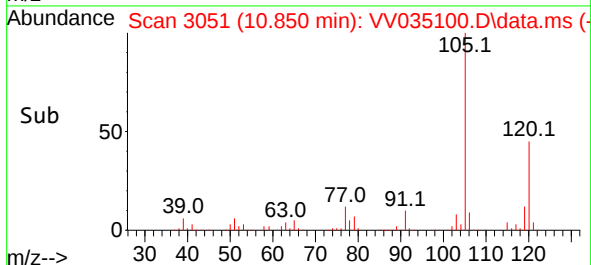
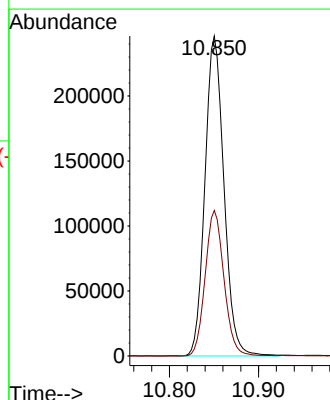
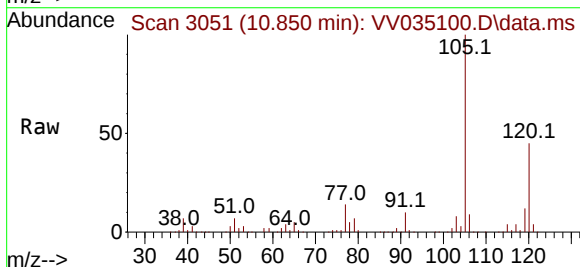
Acq: 10 Apr 2024 11:40

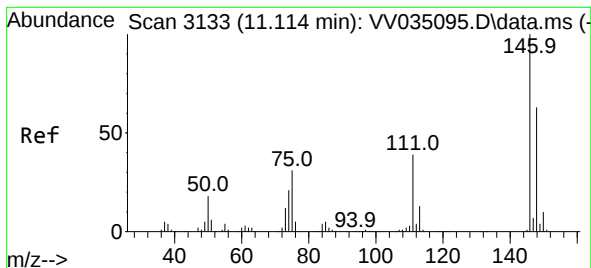
Tgt Ion:105 Resp: 364084

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 49.715 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

E07R9MS

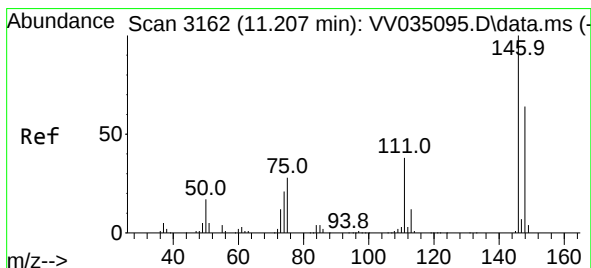
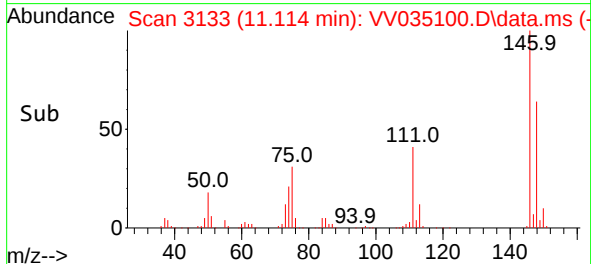
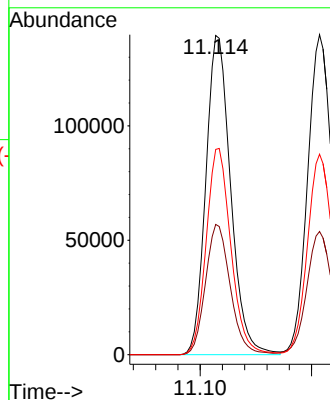
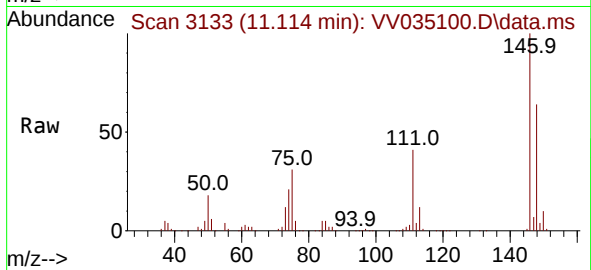
Tgt Ion:146 Resp: 215521

Ion Ratio Lower Upper

146 100

111 40.8 28.7 53.3

148 64.3 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 50.943 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

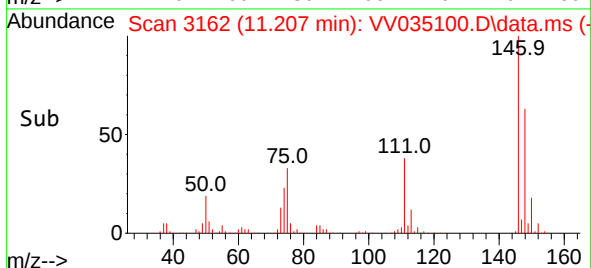
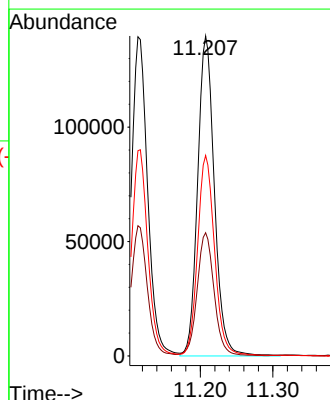
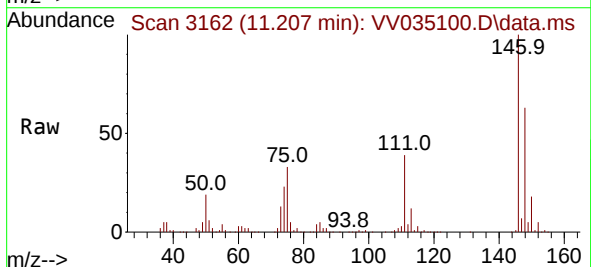
Tgt Ion:146 Resp: 224582

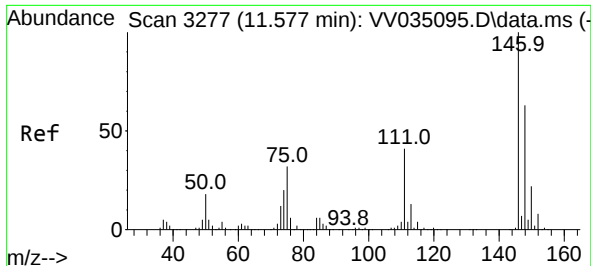
Ion Ratio Lower Upper

146 100

111 38.5 27.4 50.8

148 62.7 44.2 82.2

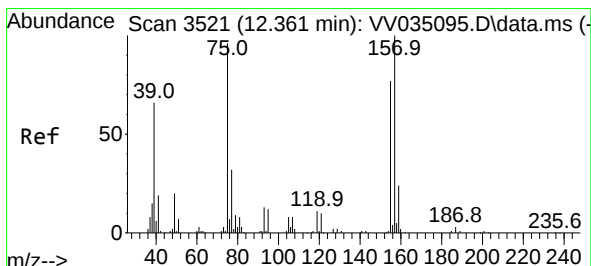
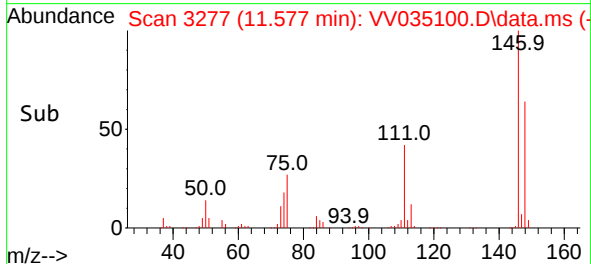
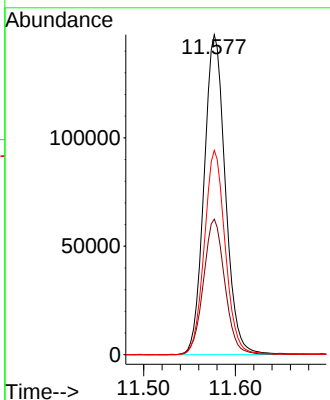
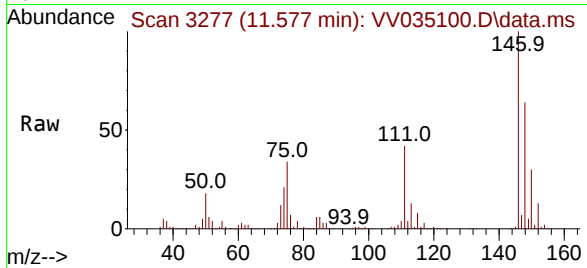




#67
1,2-Dichlorobenzene
Concen: 54.981 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

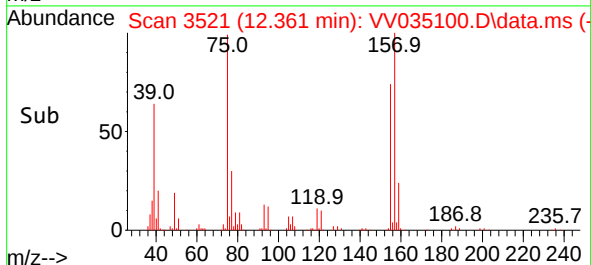
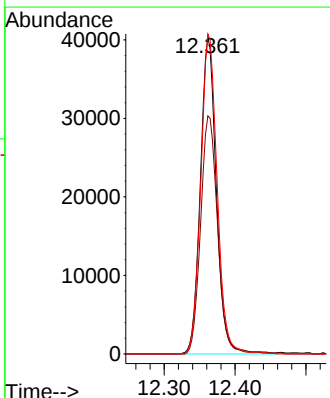
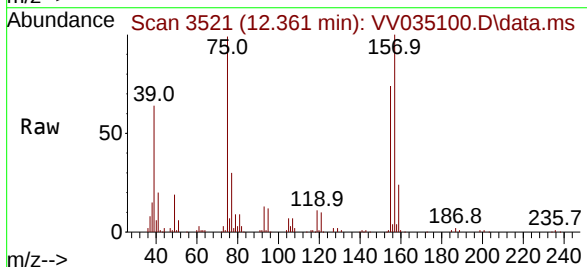
Instrument :
MSVOA_V
ClientSampleId :
E07R9MS

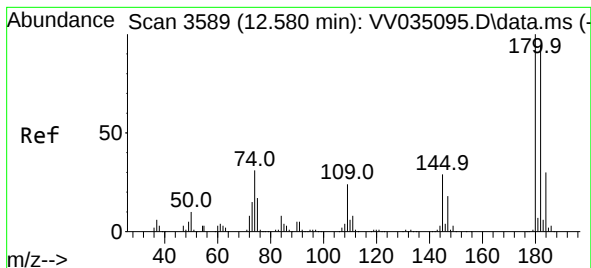
Tgt Ion:146 Resp: 237436
Ion Ratio Lower Upper
146 100
111 42.4 34.6 52.0
148 63.9 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 82.408 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035100.D
Acq: 10 Apr 2024 11:40

Tgt Ion: 75 Resp: 63305
Ion Ratio Lower Upper
75 100
155 75.2 63.0 94.6
157 101.0 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 49.520 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

E07R9MS

Tgt Ion:180 Resp: 154718

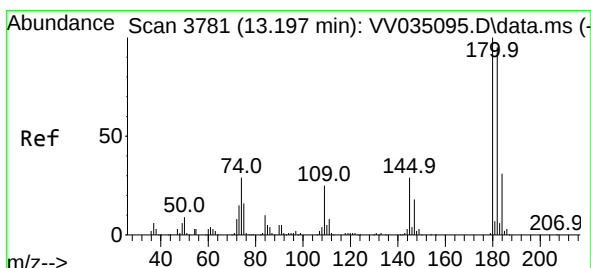
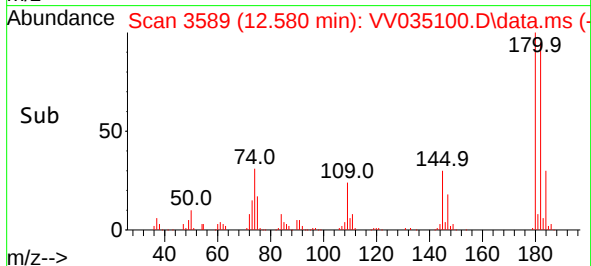
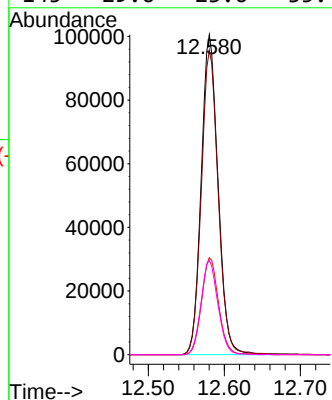
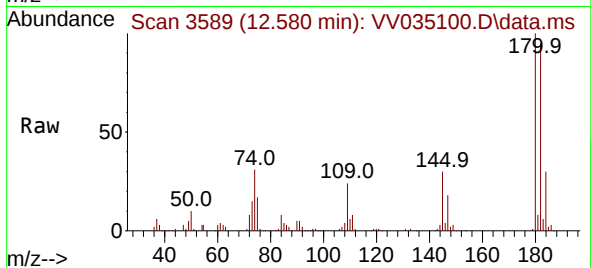
Ion Ratio Lower Upper

180 100

182 94.6 74.7 112.1

184 30.5 24.0 36.0

145 29.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.109 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

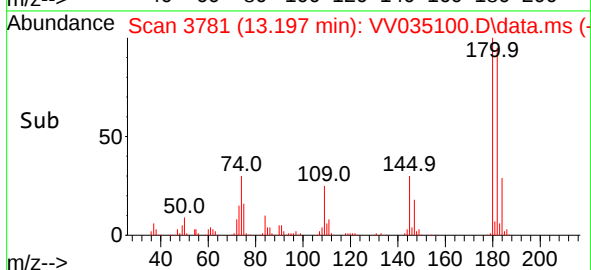
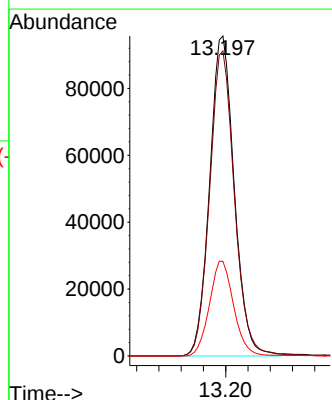
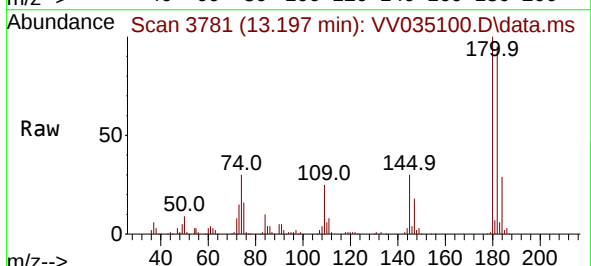
Tgt Ion:180 Resp: 146680

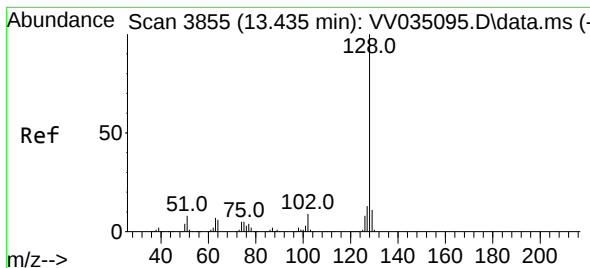
Ion Ratio Lower Upper

180 100

182 96.2 75.6 113.4

145 29.2 24.1 36.1





#71

Naphthalene

Concen: 68.880 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Instrument :

MSVOA_V

ClientSampleId :

E07R9MS

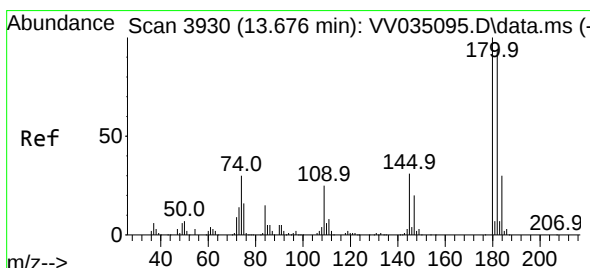
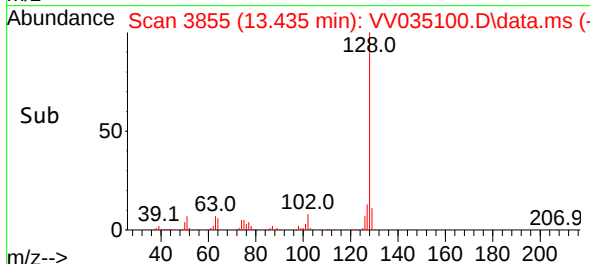
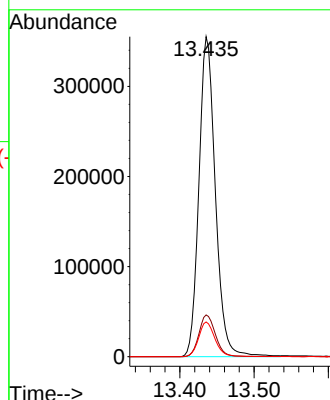
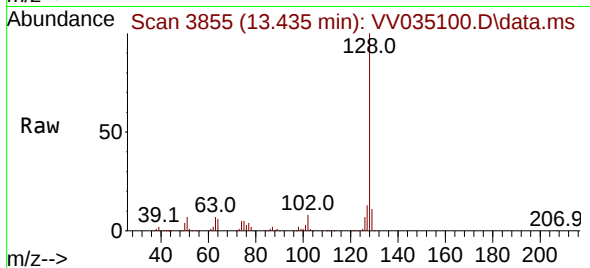
Tgt Ion:128 Resp: 548446

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 58.778 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035100.D

Acq: 10 Apr 2024 11:40

Tgt Ion:180 Resp: 166278

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 31.3 25.8 38.6

