

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112724\
 Data File : VV038382.D
 Acq On : 27 Nov 2024 18:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 28 00:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 00:29:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	210317	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	231120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	123070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	54723	3.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.529	69	52443	4.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.053	65	26456	3.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.802	46	160638	49.813	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.620%
24) Chloroform-d	4.237	84	151683	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.937	65	64468	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.950	84	246765	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.979	67	77988	4.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.233	98	229103	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.551	79	28712	4.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.021	63	105081	39.557	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.120%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	73262	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	88347	4.213	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	94394	4.744	ug/L	99
3) Chloromethane	1.214	50	89389	5.217	ug/L	99
5) Vinyl chloride	1.278	62	91693	4.723	ug/L	99
6) Bromomethane	1.484	94	52649	6.955	ug/L	97
8) Chloroethane	1.545	64	60601	4.898	ug/L	97
9) Trichlorofluoromethane	1.709	101	134552	4.870	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	77714	4.928	ug/L	96
12) 1,1-Dichloroethene	2.063	96	71363	4.751	ug/L	87
13) Acetone	2.134	43	114012	47.802	ug/L	99
14) Carbon disulfide	2.233	76	208049	4.299	ug/L	100
15) Methyl Acetate	2.385	43	26491	4.574	ug/L	97
16) Methylene chloride	2.439	84	82477	4.815	ug/L	94
17) Methyl tert-butyl Ether	2.696	73	147924	4.355	ug/L	97
18) trans-1,2-Dichloroethene	2.687	96	73968	4.674	ug/L	98
19) 1,1-Dichloroethane	3.102	63	146415	5.097	ug/L	97
21) 2-Butanone	3.886	43	150989	44.109	ug/L	94
22) cis-1,2-Dichloroethene	3.806	96	78437	4.794	ug/L	99
23) Bromochloromethane	4.140	128	37754	4.726	ug/L	91
25) Chloroform	4.265	83	156981	5.108	ug/L	99

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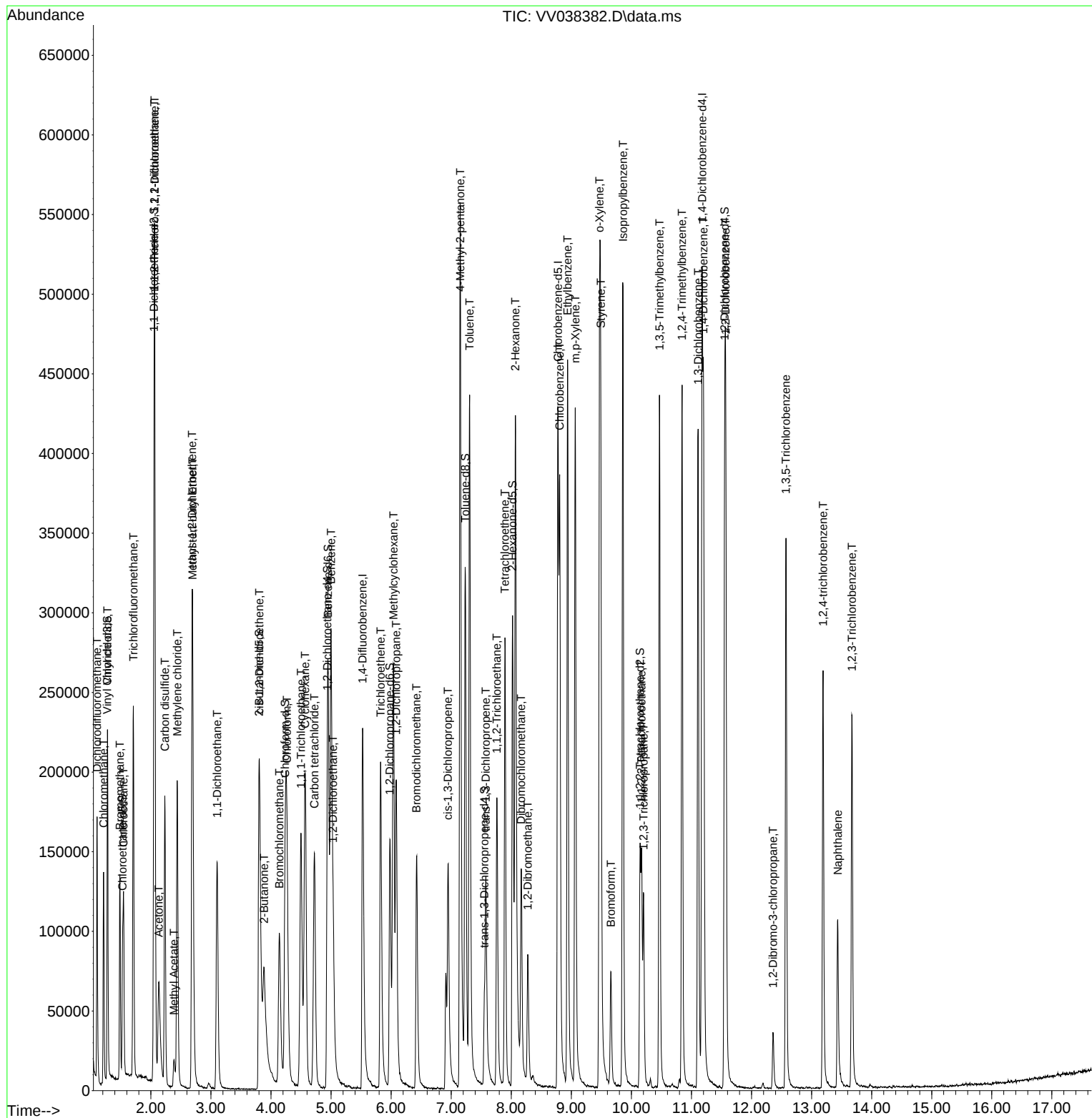
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	82784	4.951	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	133745	4.825	ug/L	98
30) Cyclohexane	4.568	56	94397	4.106	ug/L	100
31) Carbon tetrachloride	4.722	117	117928	4.823	ug/L	98
33) Benzene	4.999	78	310285	4.780	ug/L	100
34) Trichloroethene	5.825	95	77811	4.397	ug/L	99
35) Methylcyclohexane	6.040	83	101916	4.071	ug/L	98
37) 1,2-Dichloropropane	6.085	63	76169	4.684	ug/L	97
38) Bromodichloromethane	6.423	83	103087	4.716	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	99814	4.397	ug/L	97
40) 4-Methyl-2-pentanone	7.150	43	389114	45.719	ug/L	96
42) Toluene	7.307	91	336796	4.898	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	87936	4.586	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	62075	4.707	ug/L	98
47) Tetrachloroethene	7.896	164	62838	4.419	ug/L	97
48) 2-Hexanone	8.069	43	287209	46.535	ug/L	93
49) Dibromochloromethane	8.166	129	68314	4.751	ug/L	95
50) 1,2-Dibromoethane	8.275	107	56968	4.659	ug/L	100
51) Chlorobenzene	8.805	112	215307	4.545	ug/L	99
52) Ethylbenzene	8.937	91	324835	4.454	ug/L	99
53) m,p-Xylene	9.066	106	123987	4.505	ug/L	96
54) o-Xylene	9.471	106	119885	4.474	ug/L	93
55) Styrene	9.490	104	218165	4.619	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	69545	4.510	ug/L	98
59) Bromoform	9.661	173	32763	4.574	ug/L	99
60) Isopropylbenzene	9.860	105	324326	4.575	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	48569	4.609	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	235119	4.180	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	237826	4.240	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	173628	4.562	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	175434	4.559	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	159117	4.517	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	9547	4.037	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	106501	3.950	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	81473	3.656	ug/L	98
71) Naphthalene	13.435	128	96753	2.791	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	73675	3.578	ug/L	98

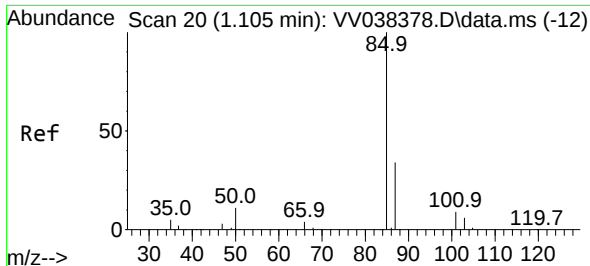
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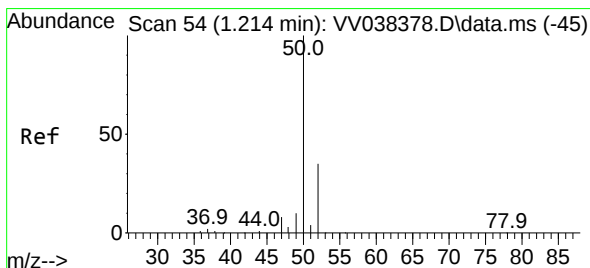
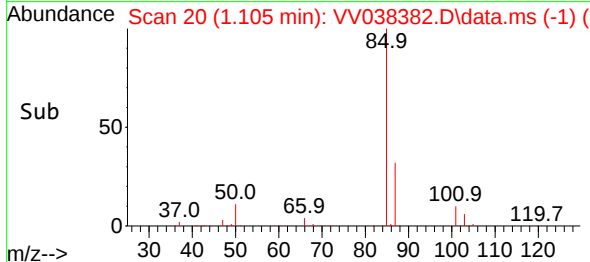
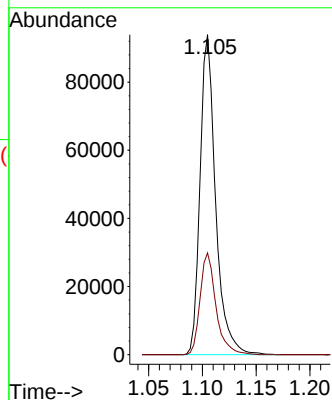
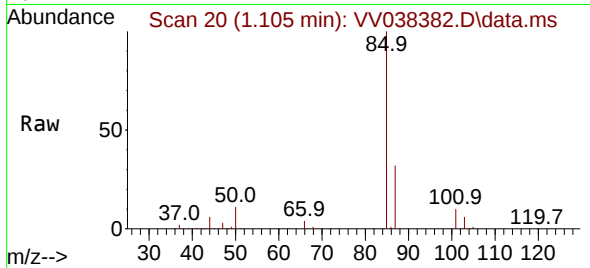




#2
Dichlorodifluoromethane
Concen: 4.744 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

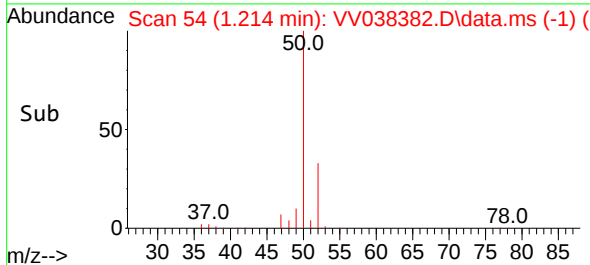
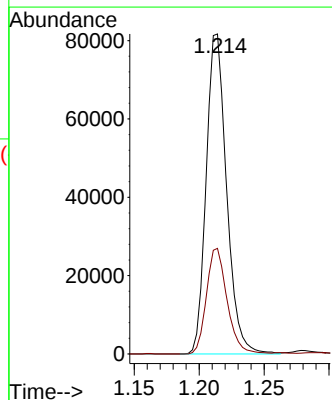
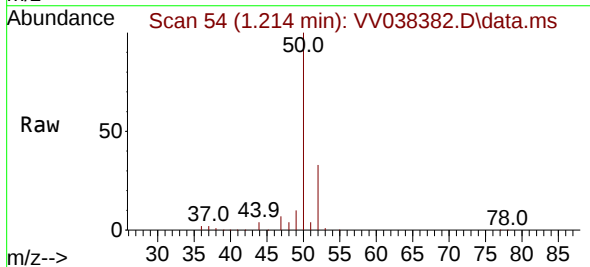
Instrument :
MSVOA_V
ClientSampleId :

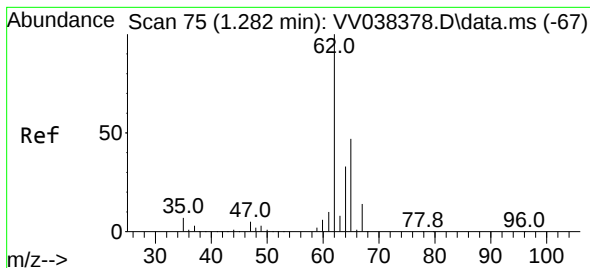
Tgt Ion: 85 Resp: 94394
Ion Ratio Lower Upper
85 100
87 32.5 26.5 39.7



#3
Chloromethane
Concen: 5.217 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion: 50 Resp: 89389
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7





#5

Vinyl chloride

Concen: 4.723 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

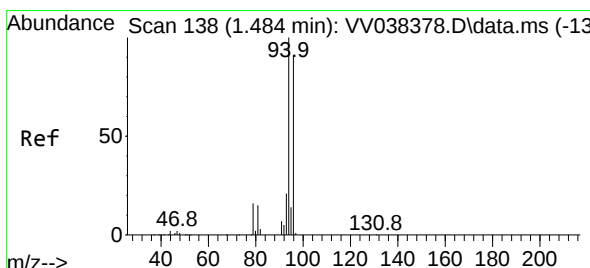
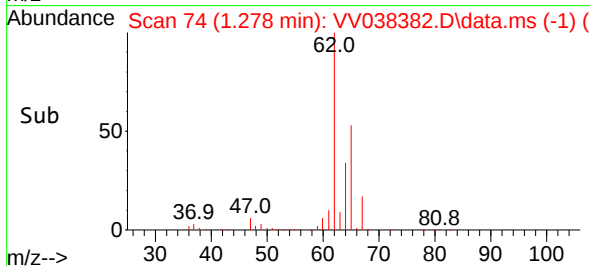
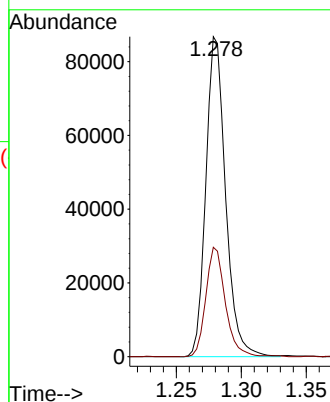
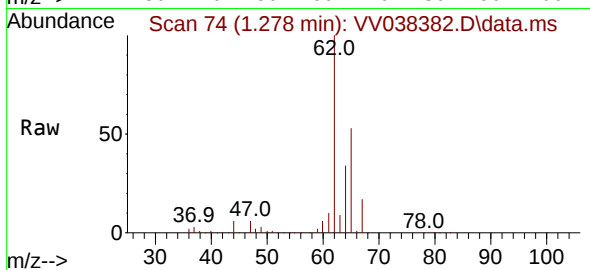
ClientSampleId :

Tgt Ion: 62 Resp: 91693

Ion Ratio Lower Upper

62 100

64 34.2 24.4 45.4



#6

Bromomethane

Concen: 6.955 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038382.D

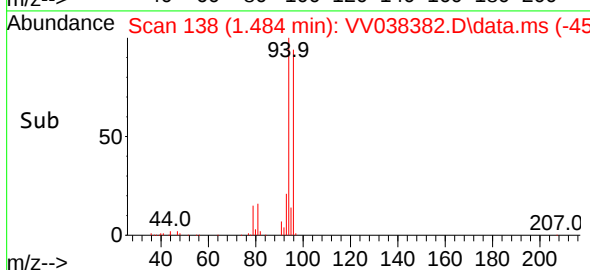
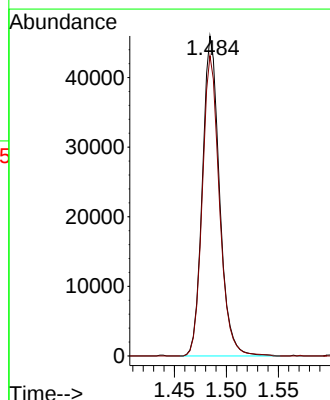
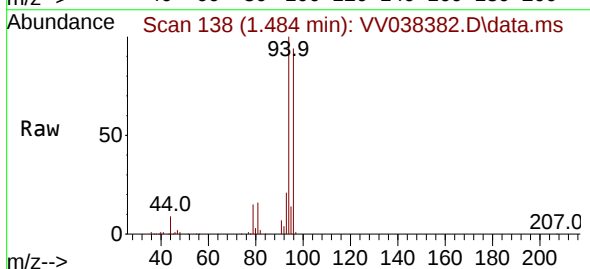
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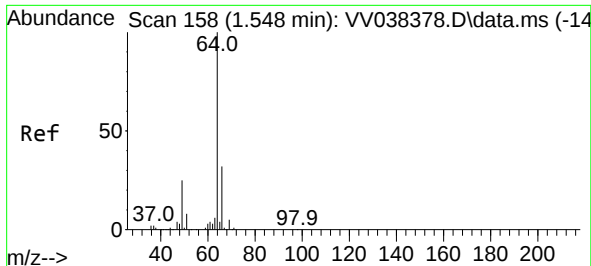
Tgt Ion: 94 Resp: 52649

Ion Ratio Lower Upper

94 100

96 93.8 63.7 118.3

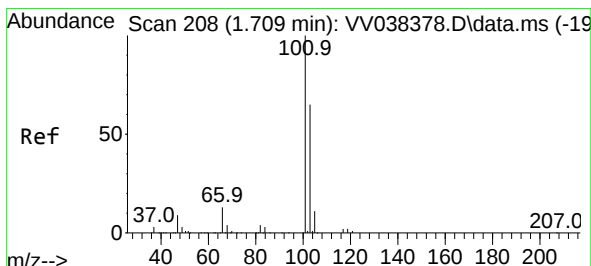
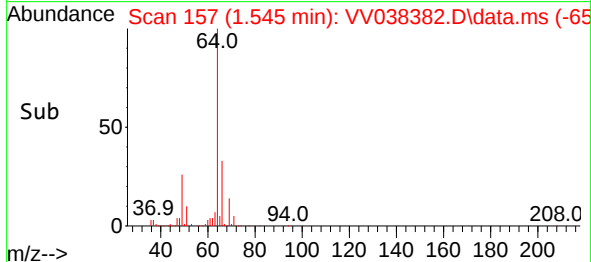
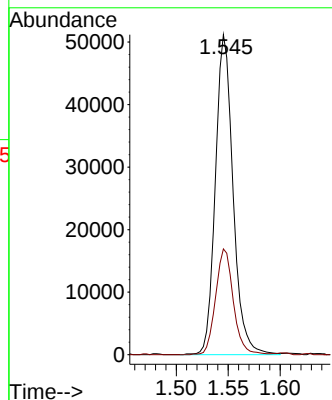
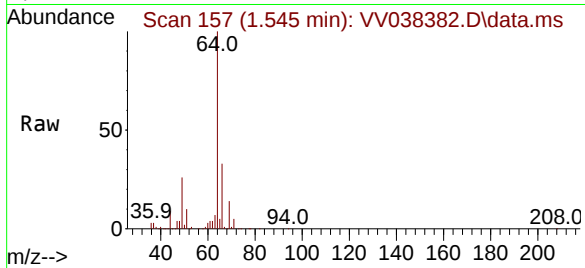




#8
Chloroethane
Concen: 4.898 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

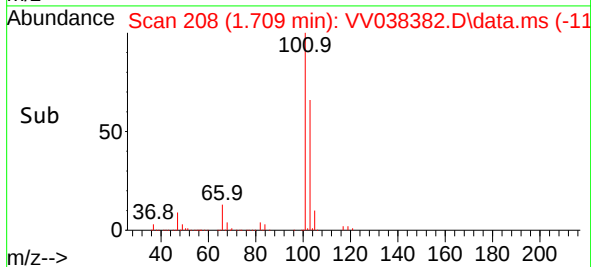
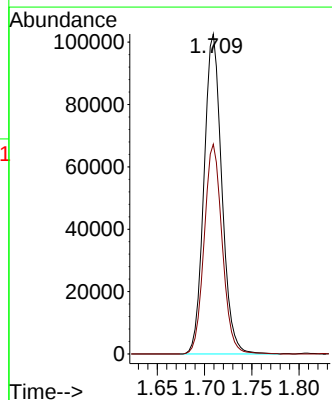
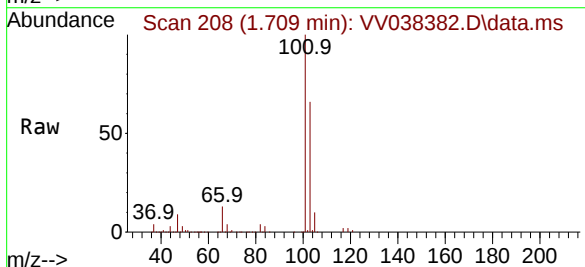
Instrument :
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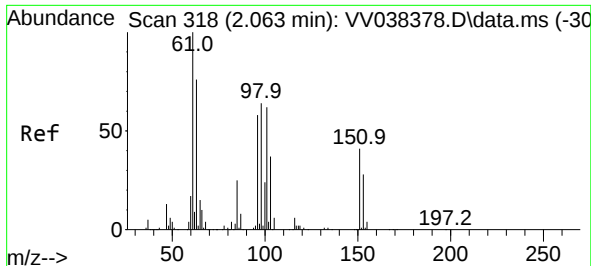
Tgt Ion: 64 Resp: 60601
Ion Ratio Lower Upper
64 100
66 33.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.870 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion:101 Resp: 134552
Ion Ratio Lower Upper
101 100
103 66.2 51.5 77.3

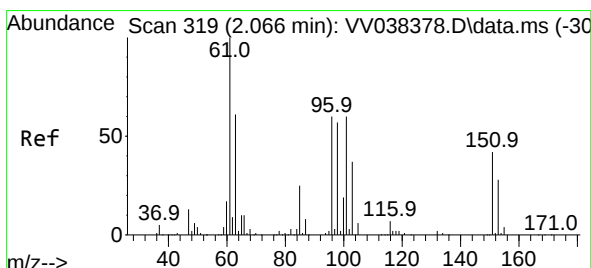
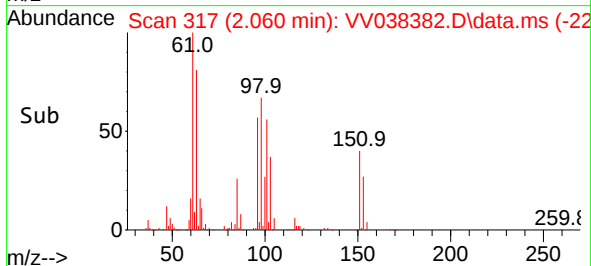
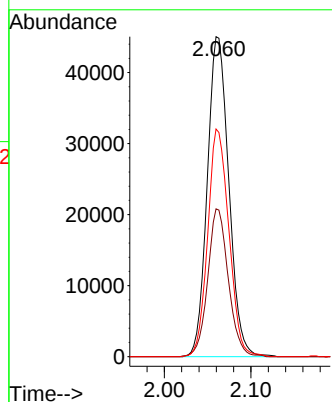
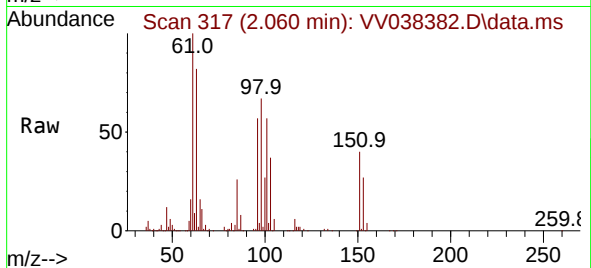




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.928 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

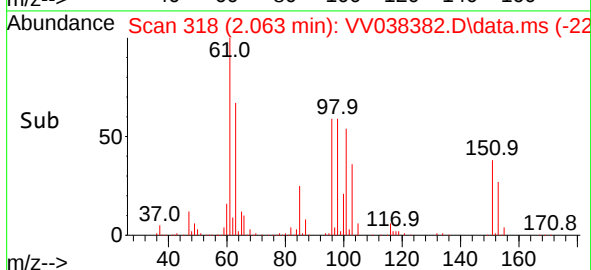
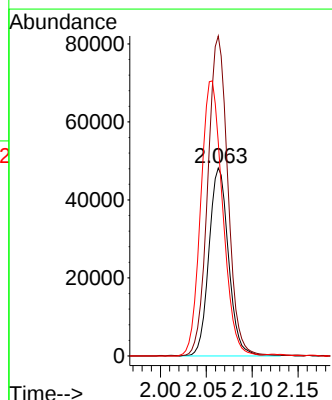
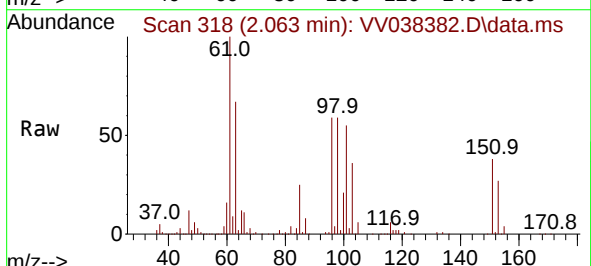
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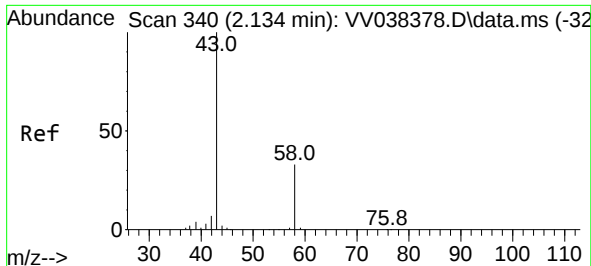
Tgt Ion:101 Resp: 77714
Ion Ratio Lower Upper
101 100
85 44.3 33.4 50.0
151 70.0 58.8 88.2



#12
1,1-Dichloroethene
Concen: 4.751 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion: 96 Resp: 71363
Ion Ratio Lower Upper
96 100
61 170.3 115.7 214.9
63 113.8 101.1 187.7





#13

Acetone

Concen: 47.802 ug/L

RT: 2.134 min Scan# 340

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

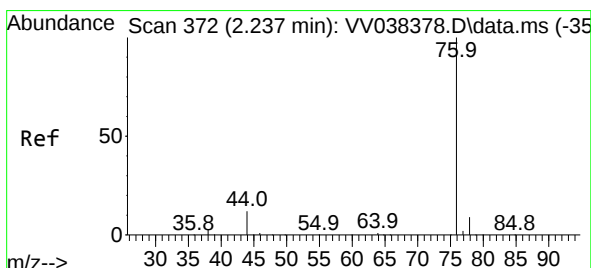
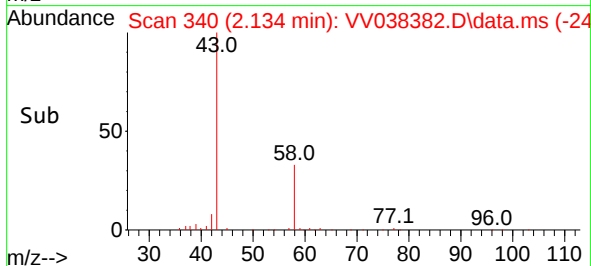
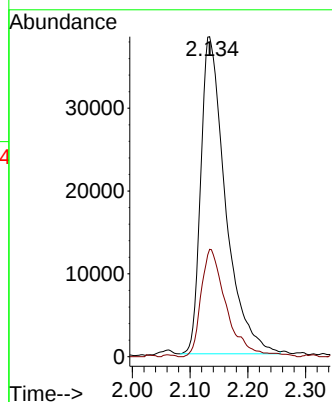
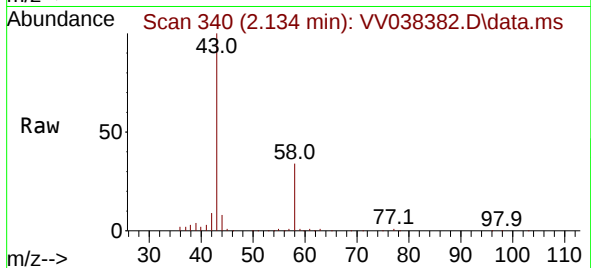
ClientSampleId :

Tgt Ion: 43 Resp: 114012

Ion Ratio Lower Upper

43 100

58 34.2 0.0 67.2



#14

Carbon disulfide

Concen: 4.299 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

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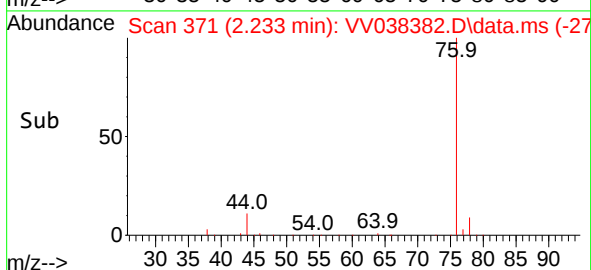
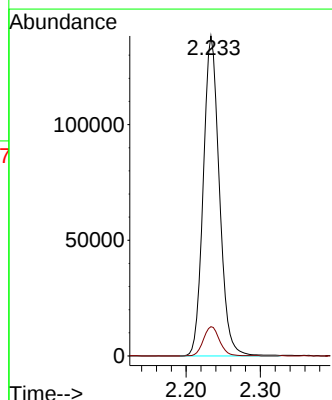
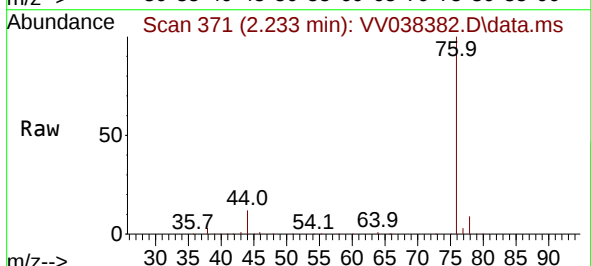
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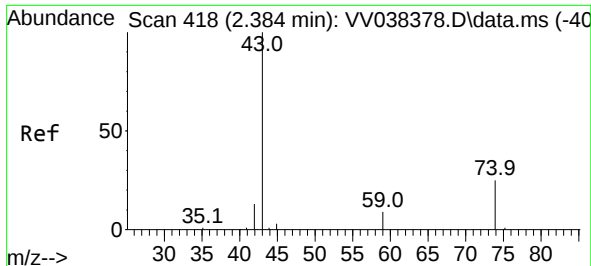
Tgt Ion: 76 Resp: 208049

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

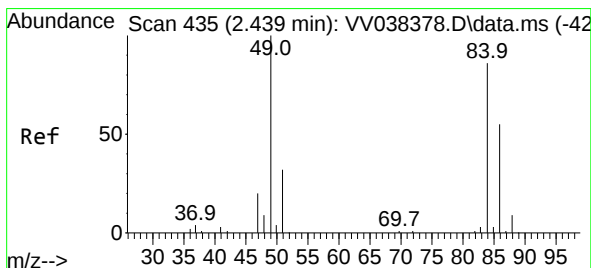
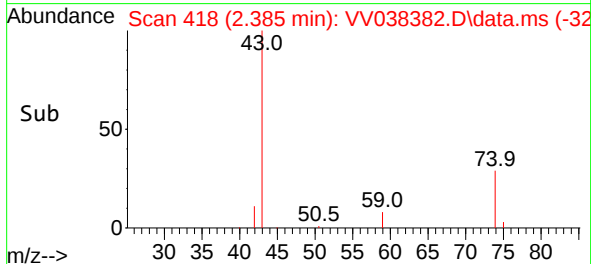
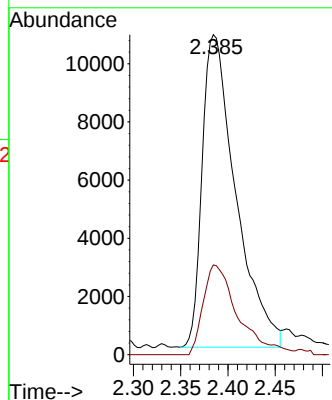
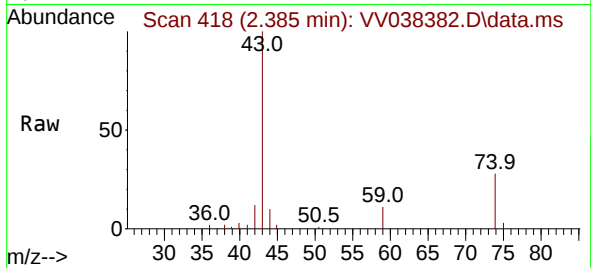




#15
Methyl Acetate
Concen: 4.574 ug/L
RT: 2.385 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

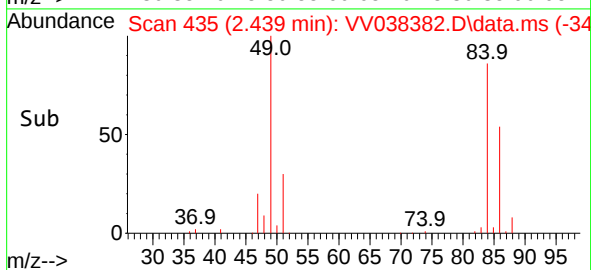
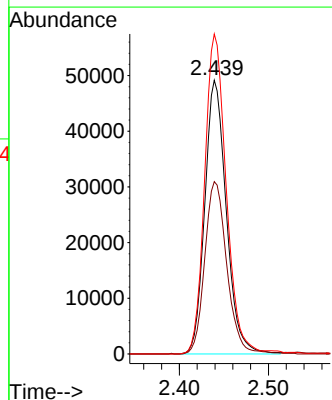
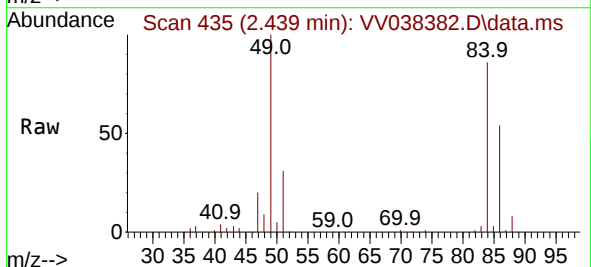
Instrument :
MSVOA_V
ClientSampleId :

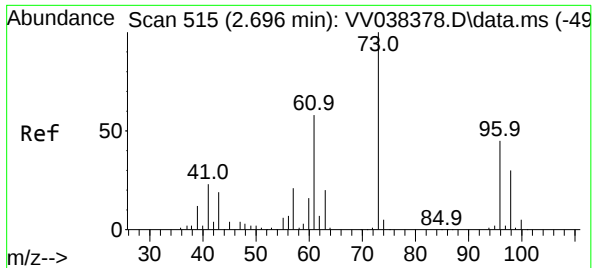
Tgt Ion: 43 Resp: 26491
Ion Ratio Lower Upper
43 100
74 29.7 22.4 33.6



#16
Methylene chloride
Concen: 4.815 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion: 84 Resp: 82477
Ion Ratio Lower Upper
84 100
86 62.9 44.2 82.2
49 116.9 74.9 139.1

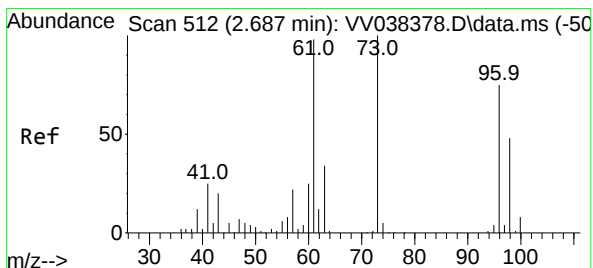
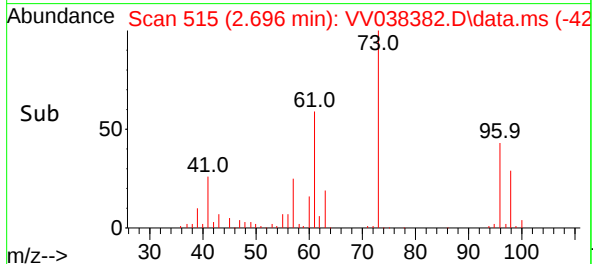
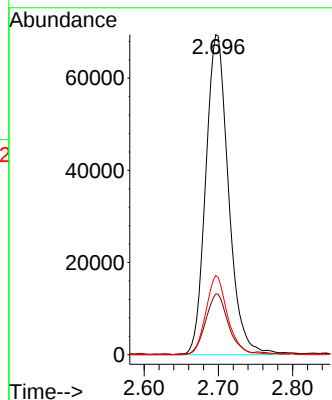
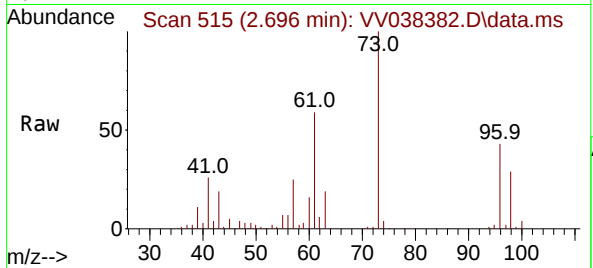




#17
Methyl tert-butyl Ether
Concen: 4.355 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

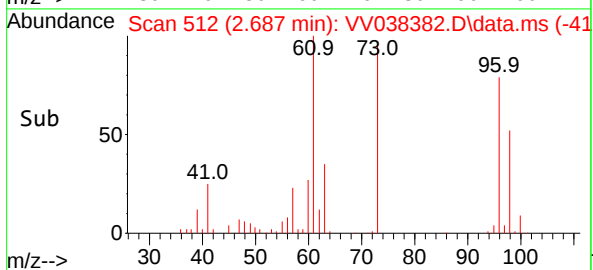
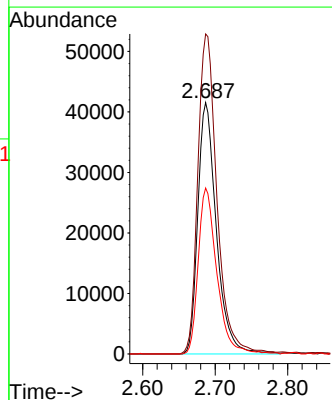
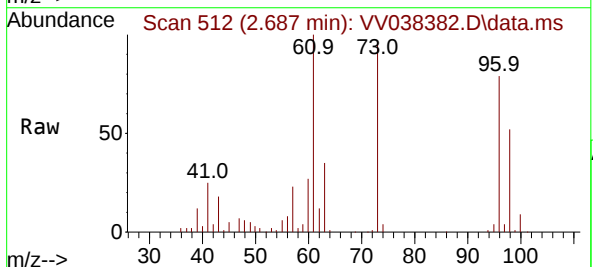
Instrument :
MSVOA_V
ClientSampleId :

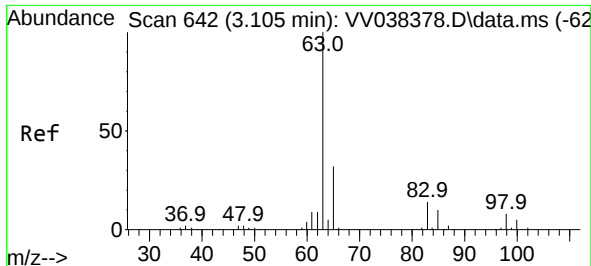
Tgt Ion: 73 Resp: 147924
Ion Ratio Lower Upper
73 100
43 19.0 14.2 21.2
57 23.5 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.674 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion: 96 Resp: 73968
Ion Ratio Lower Upper
96 100
61 127.3 88.5 164.4
98 66.0 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.097 ug/L

RT: 3.102 min Scan# 641

Delta R.T. -0.003 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :

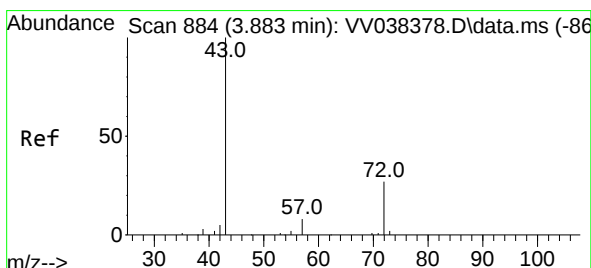
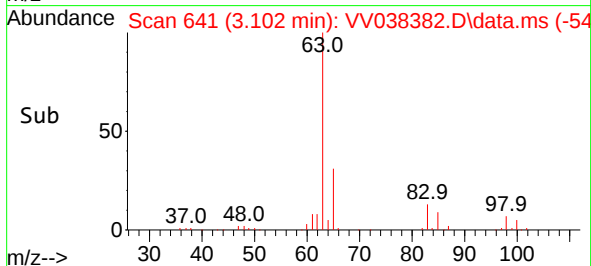
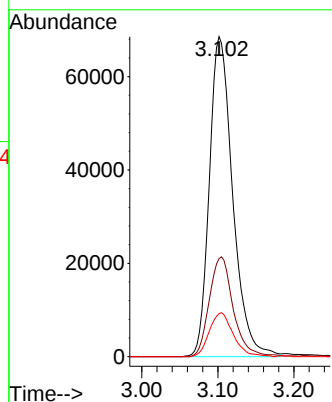
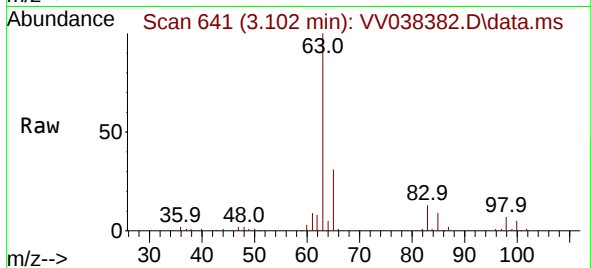
Tgt Ion: 63 Resp: 146415

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.7

83 13.5 10.1 18.9



#21

2-Butanone

Concen: 44.109 ug/L

RT: 3.886 min Scan# 885

Delta R.T. 0.003 min

Lab File: VV038382.D

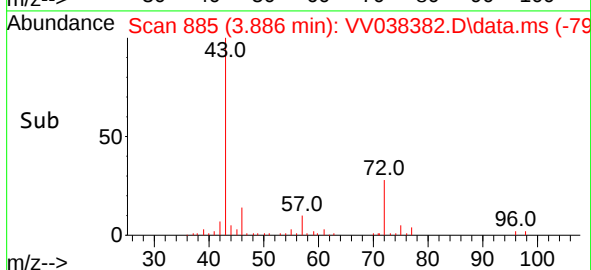
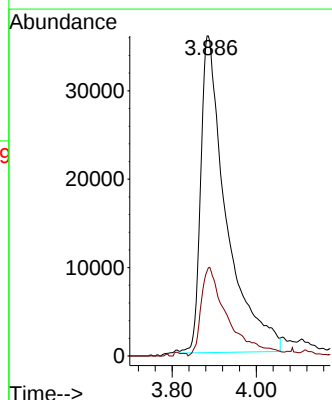
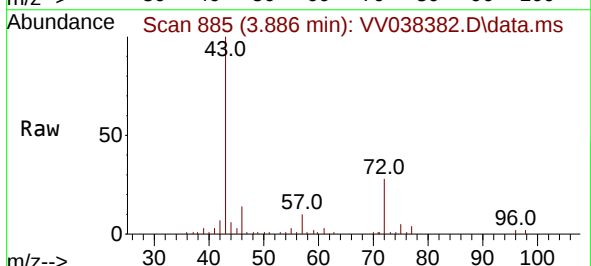
Acq: 27 Nov 2024 18:22

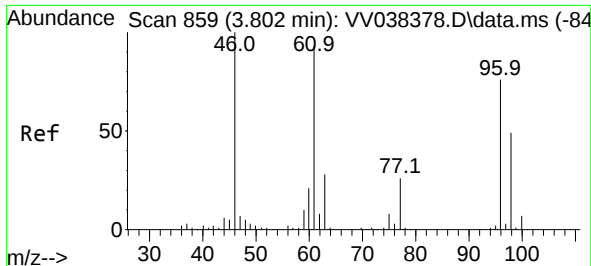
Tgt Ion: 43 Resp: 150989

Ion Ratio Lower Upper

43 100

72 29.3 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 4.794 ug/L

RT: 3.806 min Scan# 859

Delta R.T. 0.003 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :

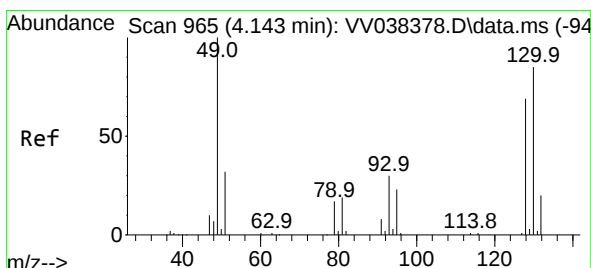
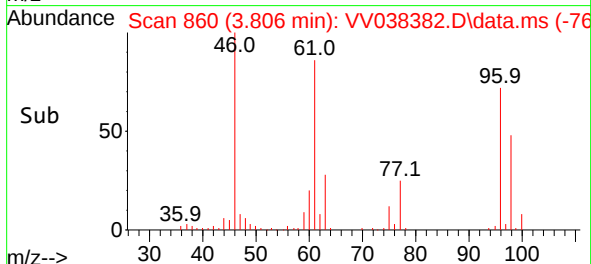
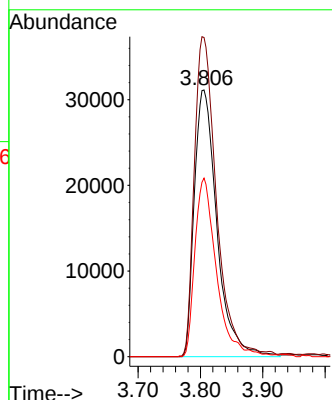
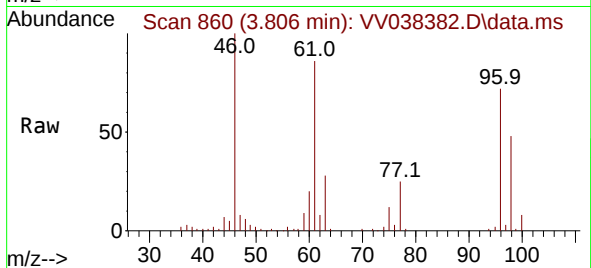
Tgt Ion: 96 Resp: 78437

Ion Ratio Lower Upper

96 100

61 119.7 82.7 153.5

98 66.9 46.3 85.9



#23

Bromochloromethane

Concen: 4.726 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Tgt Ion: 128 Resp: 37754

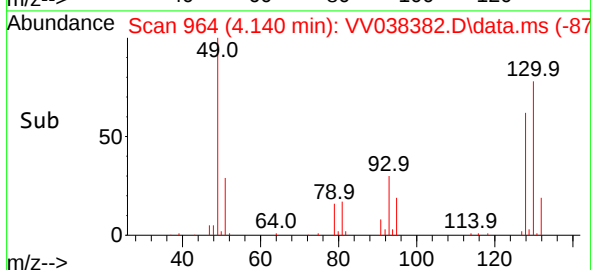
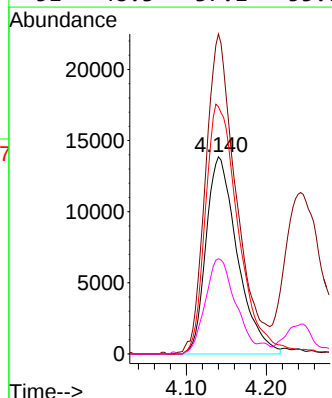
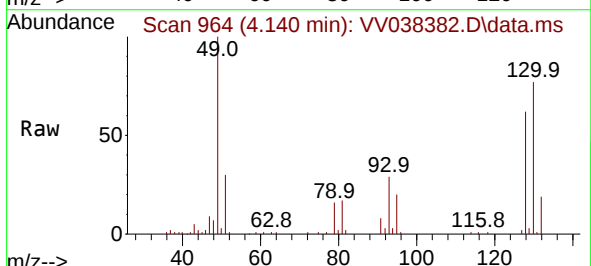
Ion Ratio Lower Upper

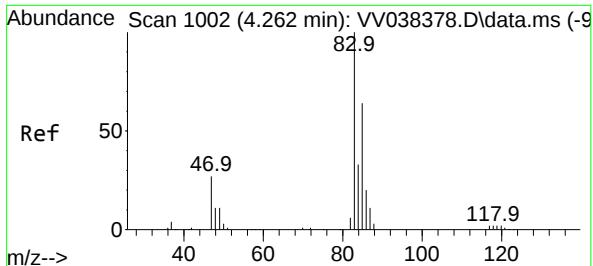
128 100

49 162.3 102.8 190.8

130 125.4 93.6 173.8

51 48.3 37.1 55.7

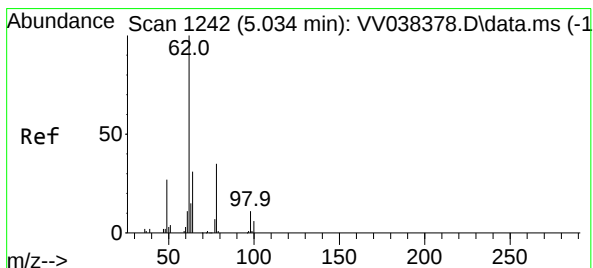
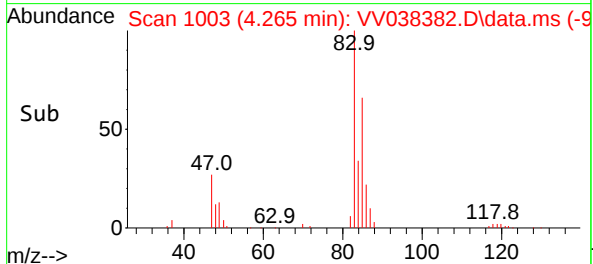
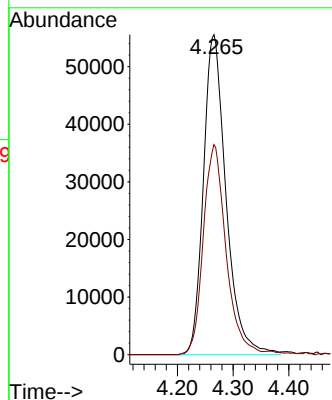
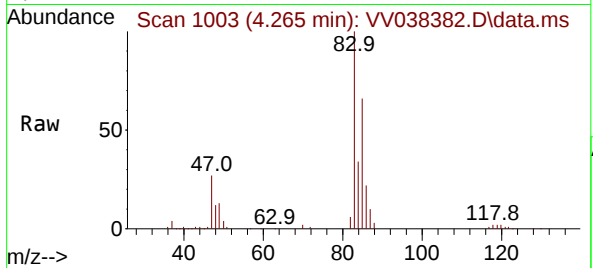




#25
Chloroform
Concen: 5.108 ug/L
RT: 4.265 min Scan# 1002
Delta R.T. 0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

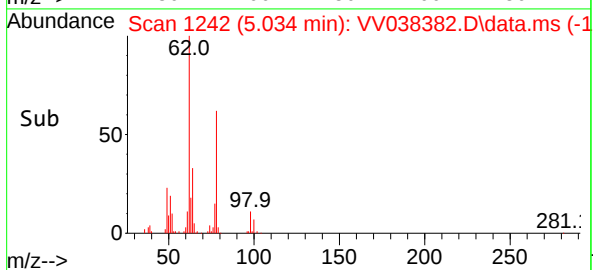
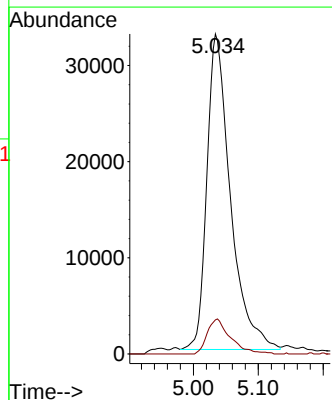
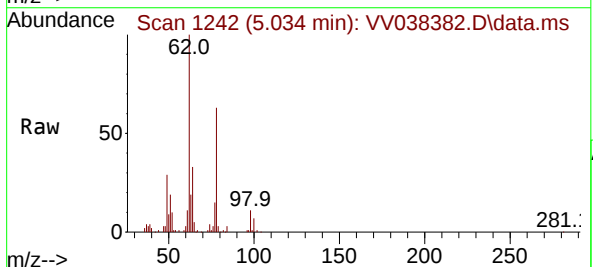
Instrument :
MSVOA_V
ClientSampleId :

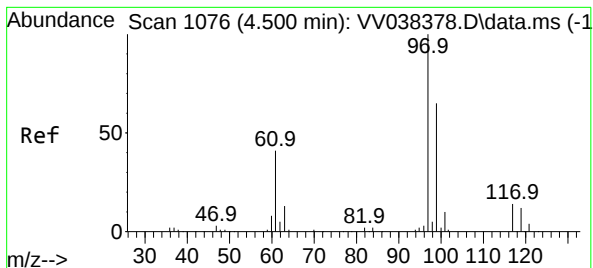
Tgt Ion: 83 Resp: 156981
Ion Ratio Lower Upper
83 100
85 65.7 46.5 86.3



#27
1,2-Dichloroethane
Concen: 4.951 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion: 62 Resp: 82784
Ion Ratio Lower Upper
62 100
98 10.7 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.825 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :

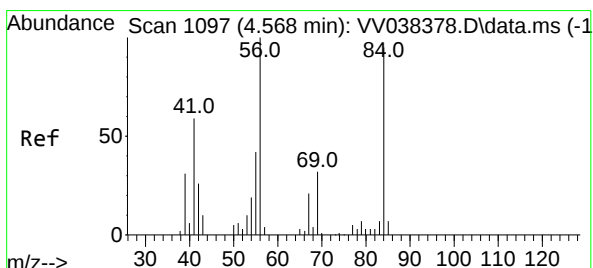
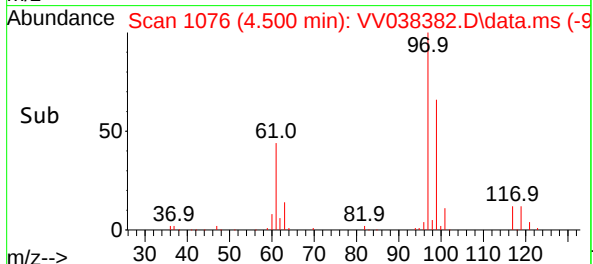
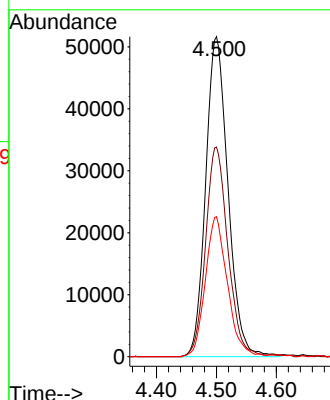
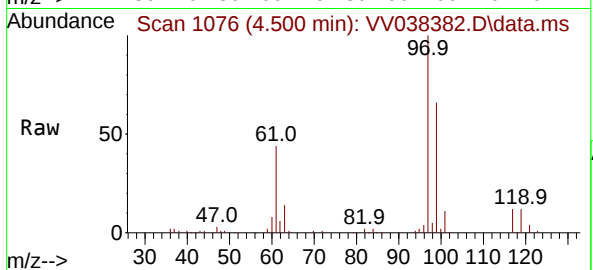
Tgt Ion: 97 Resp: 133745

Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.8

61 43.3 32.2 48.2



#30

Cyclohexane

Concen: 4.106 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

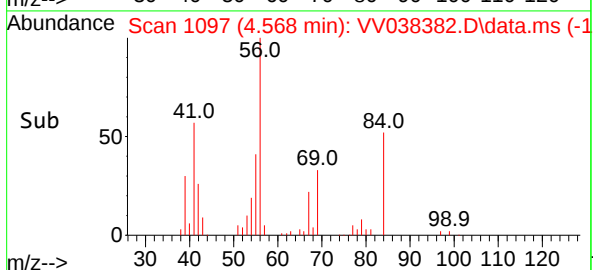
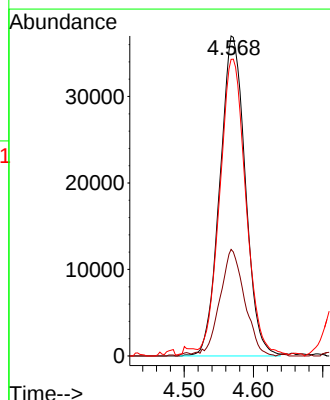
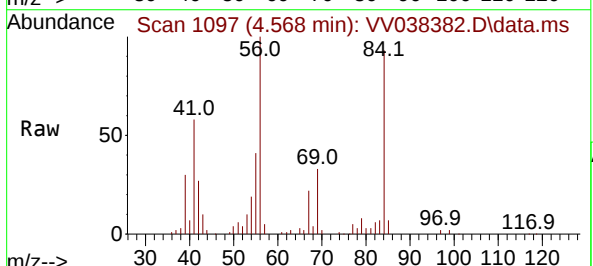
Tgt Ion: 56 Resp: 94397

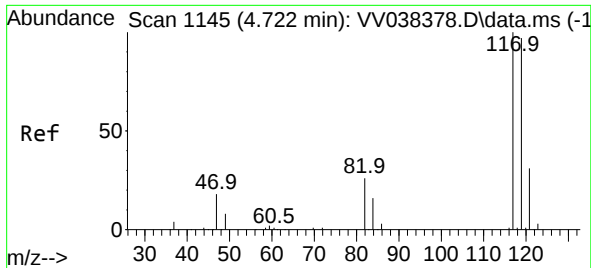
Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 94.0 75.6 113.4

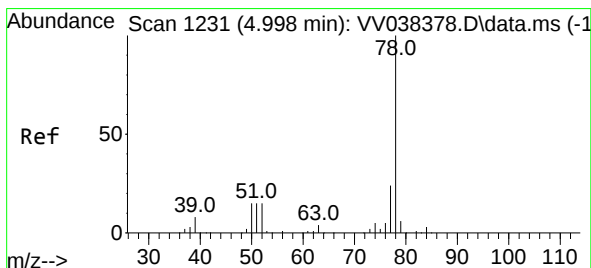
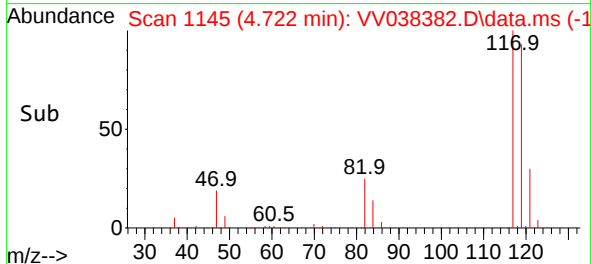
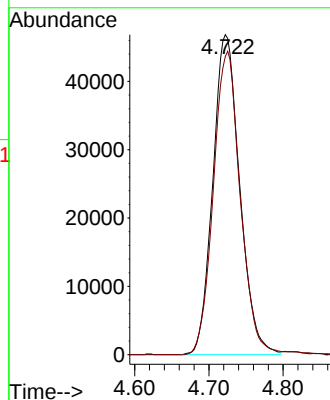
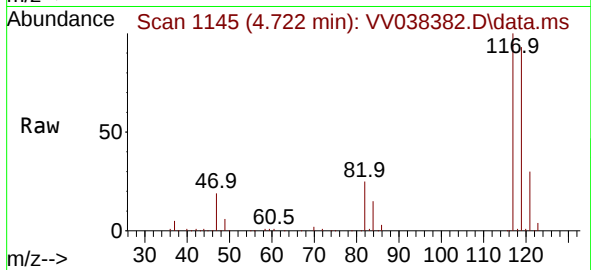




#31
Carbon tetrachloride
Concen: 4.823 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

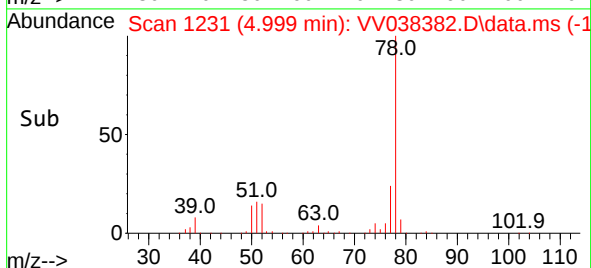
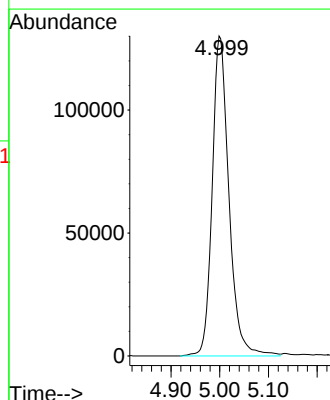
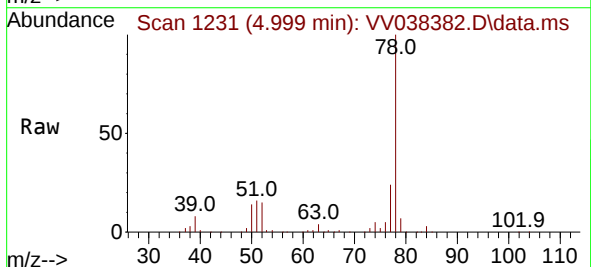
Instrument :
MSVOA_V
ClientSampleId :

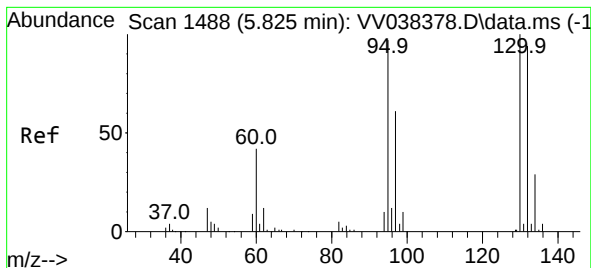
Tgt Ion:117 Resp: 117928
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.2



#33
Benzene
Concen: 4.780 ug/L
RT: 4.999 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion: 78 Resp: 310285





#34

Trichloroethene

Concen: 4.397 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 77811

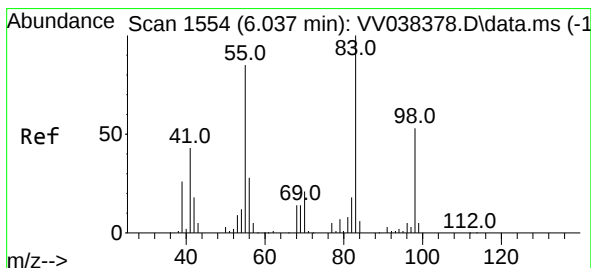
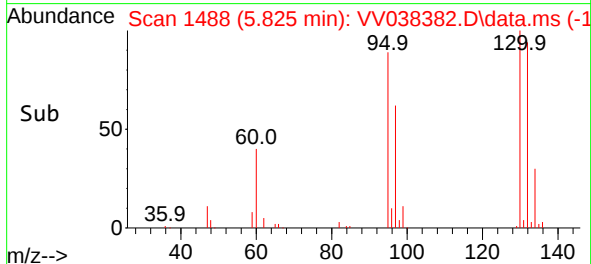
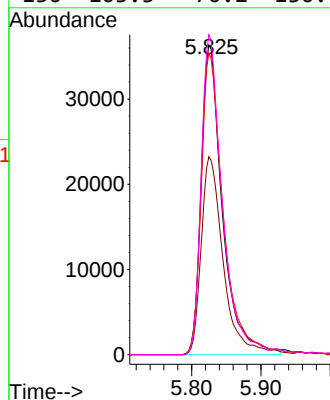
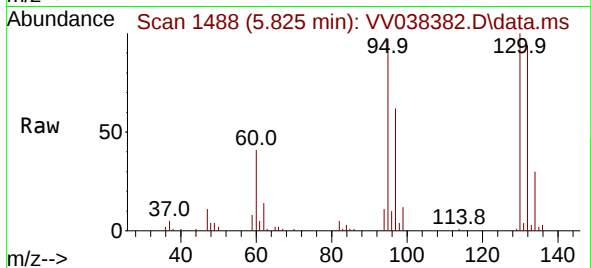
Ion Ratio Lower Upper

95 100

97 63.9 44.8 83.2

132 97.3 68.3 126.8

130 103.3 70.2 130.4



#35

Methylcyclohexane

Concen: 4.071 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.003 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

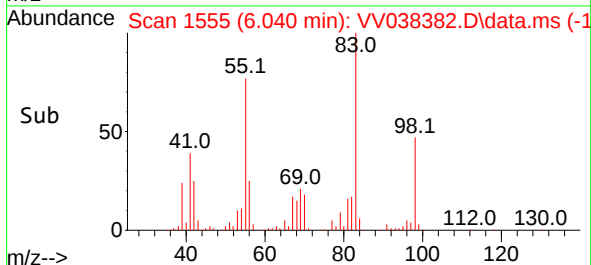
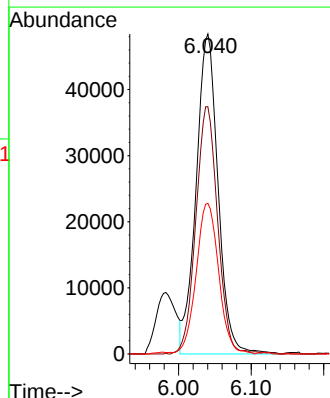
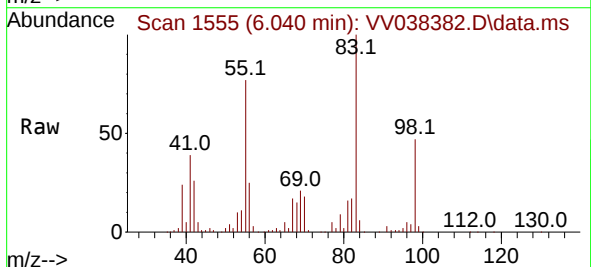
Tgt Ion: 83 Resp: 101916

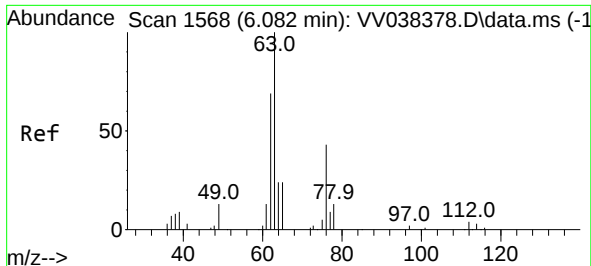
Ion Ratio Lower Upper

83 100

55 76.8 59.7 89.5

98 48.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.684 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

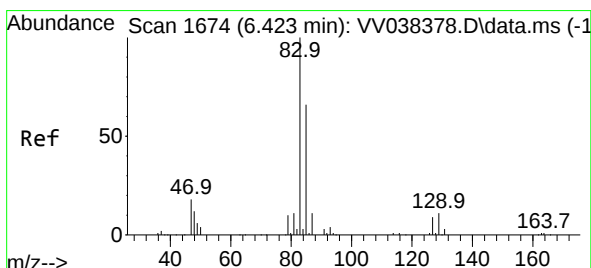
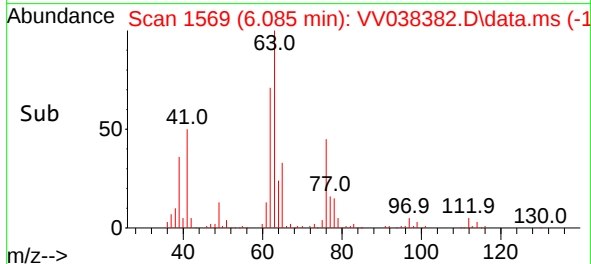
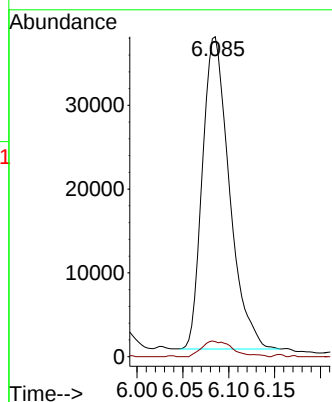
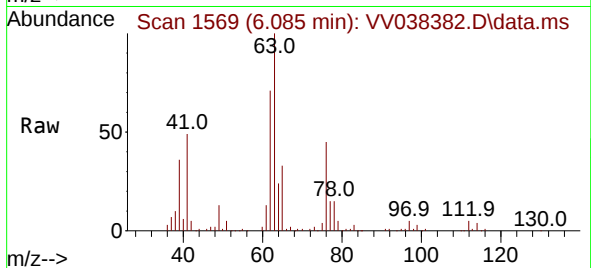
ClientSampleId :

Tgt Ion: 63 Resp: 76169

Ion Ratio Lower Upper

63 100

112 5.7 3.9 5.9



#38

Bromodichloromethane

Concen: 4.716 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

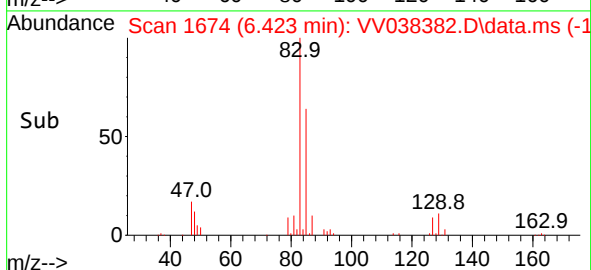
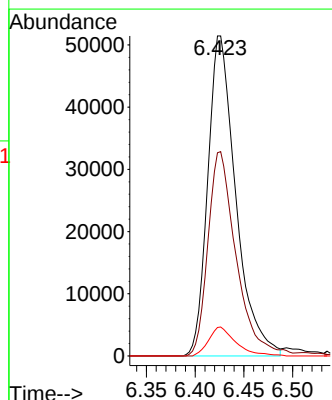
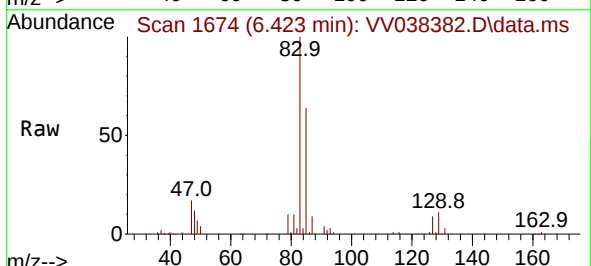
Tgt Ion: 83 Resp: 103087

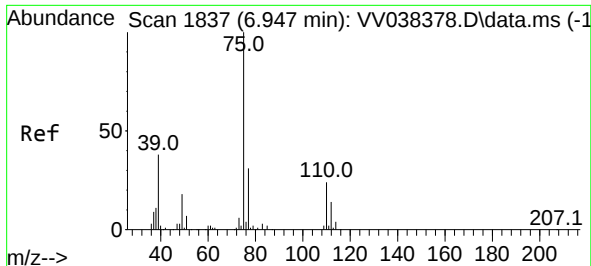
Ion Ratio Lower Upper

83 100

85 63.5 43.9 81.5

127 8.9 6.7 10.1

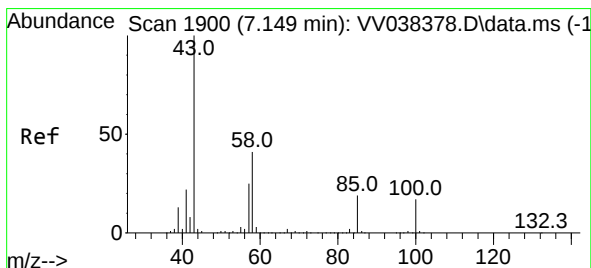
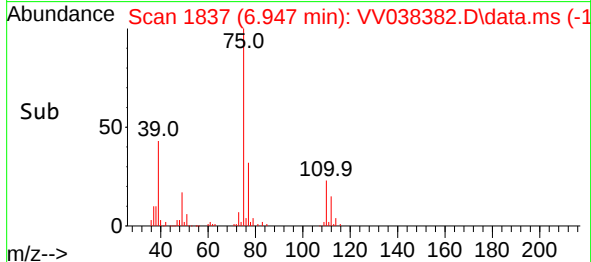
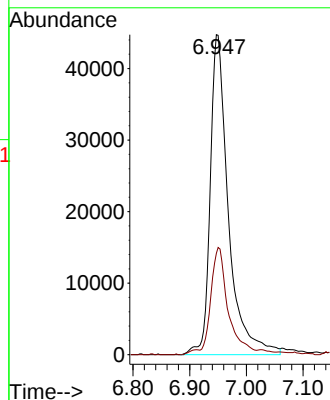
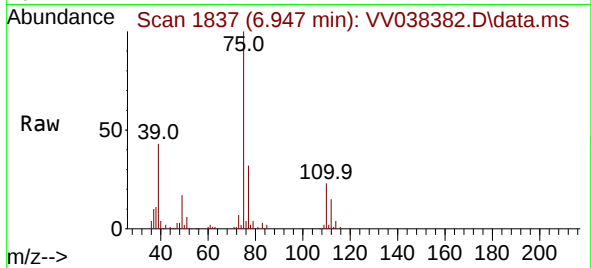




#39
 cis-1,3-Dichloropropene
 Concen: 4.397 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV038382.D
 Acq: 27 Nov 2024 18:22

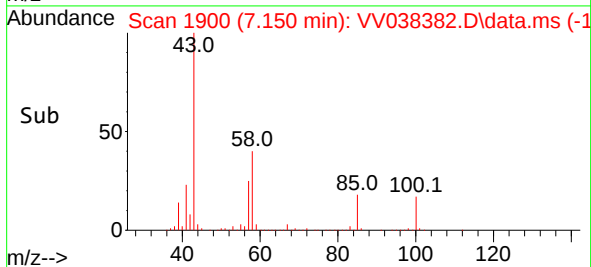
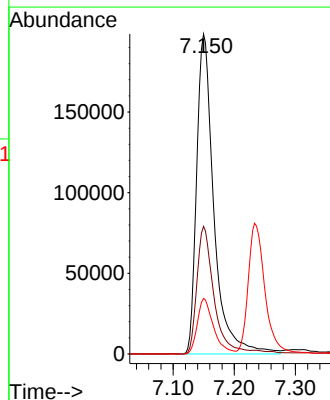
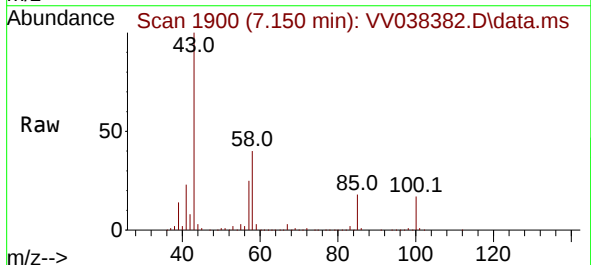
Instrument :
 MSVOA_V
 ClientSampleId :

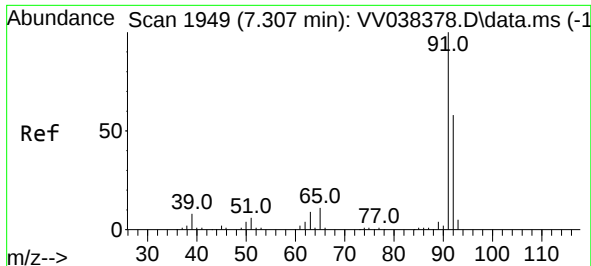
Tgt Ion: 75 Resp: 99814
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 45.719 ug/L
 RT: 7.150 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VV038382.D
 Acq: 27 Nov 2024 18:22

Tgt Ion: 43 Resp: 389114
 Ion Ratio Lower Upper
 43 100
 58 38.9 33.4 50.2
 100 16.2 14.3 21.5





#42

Toluene

Concen: 4.898 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

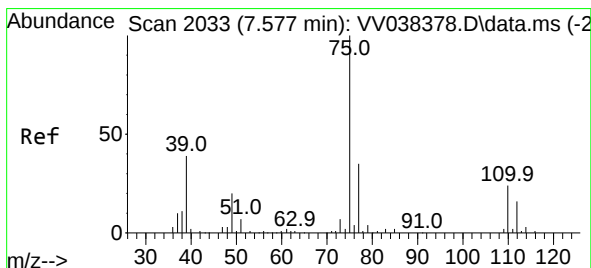
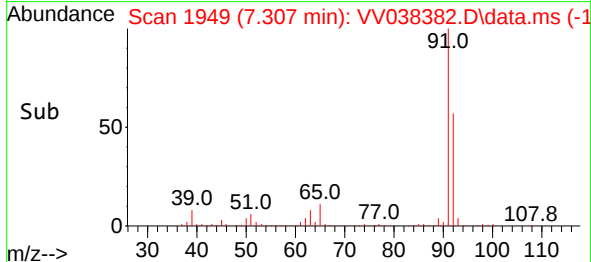
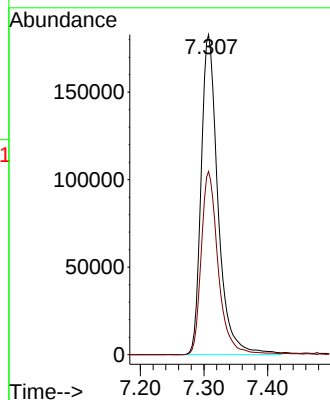
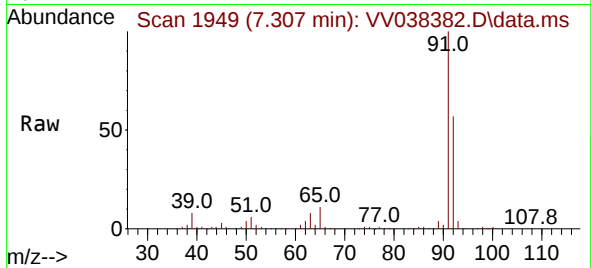
ClientSampleId :

Tgt Ion: 91 Resp: 336796

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.586 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038382.D

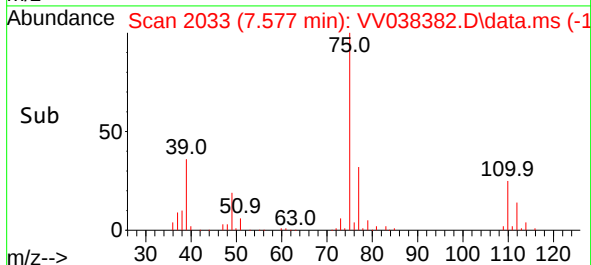
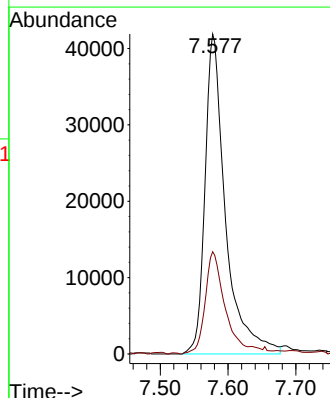
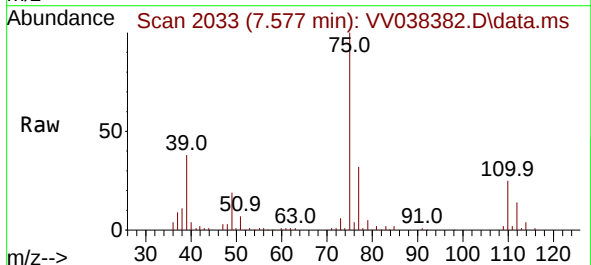
Acq: 27 Nov 2024 18:22

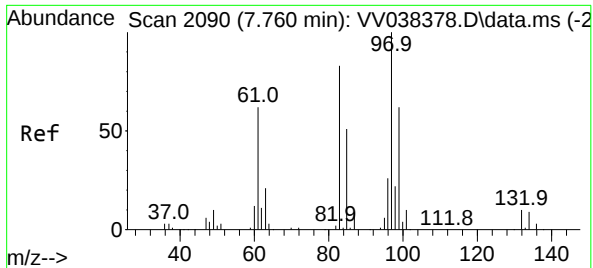
Tgt Ion: 75 Resp: 87936

Ion Ratio Lower Upper

75 100

77 31.9 23.4 43.4

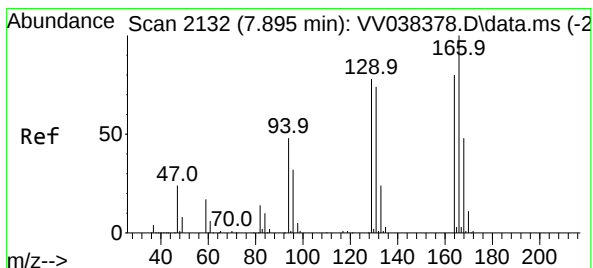
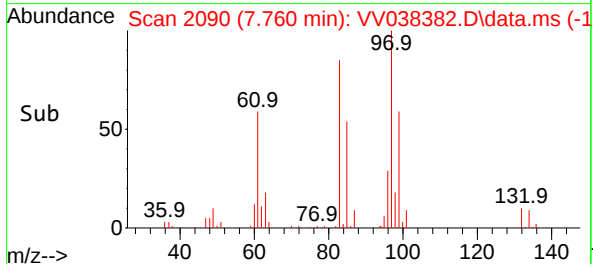
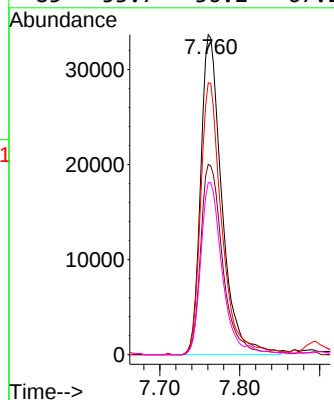
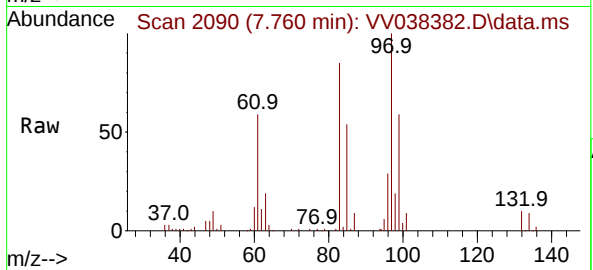




#45
1,1,2-Trichloroethane
Concen: 4.707 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

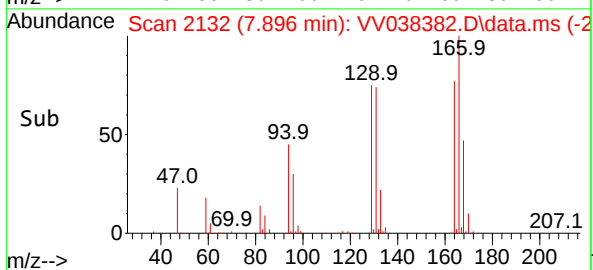
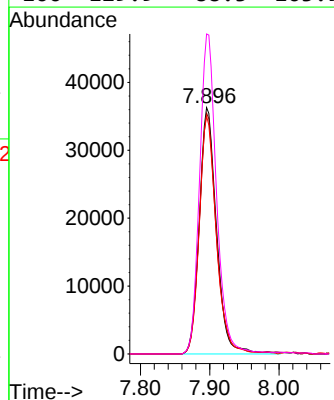
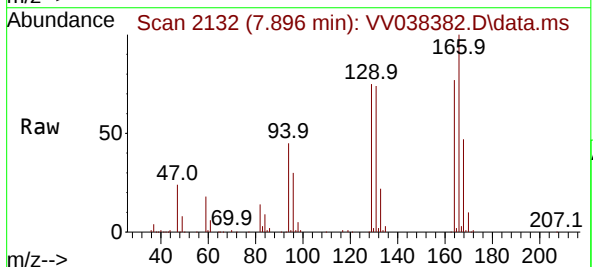
Instrument :
MSVOA_V
ClientSampleId :

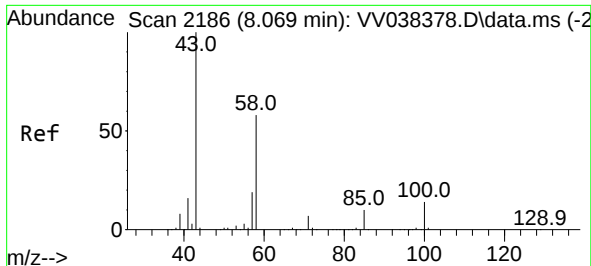
Tgt Ion:	97	Resp:	62075
Ion	Ratio	Lower	Upper
97	100		
99	59.4	41.9	77.7
83	85.0	57.7	107.1
85	53.7	36.2	67.2



#47
Tetrachloroethene
Concen: 4.419 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion:	164	Resp:	62838
Ion	Ratio	Lower	Upper
164	100		
129	97.7	68.5	127.1
131	96.6	64.8	120.4
166	129.9	88.3	163.9

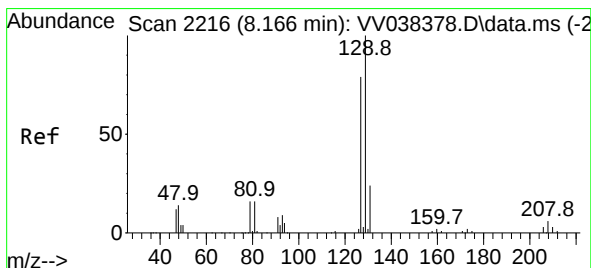
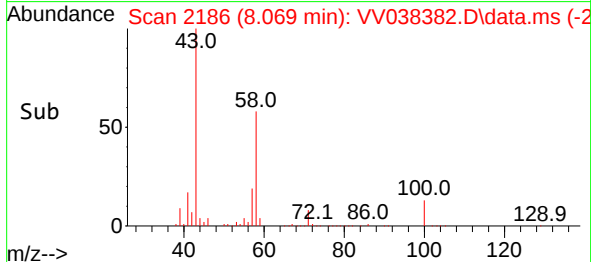
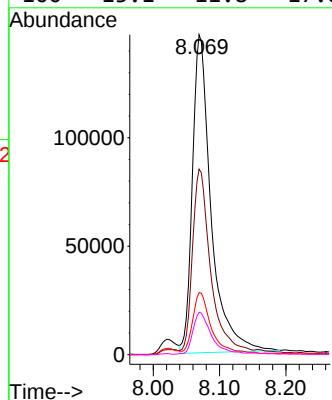
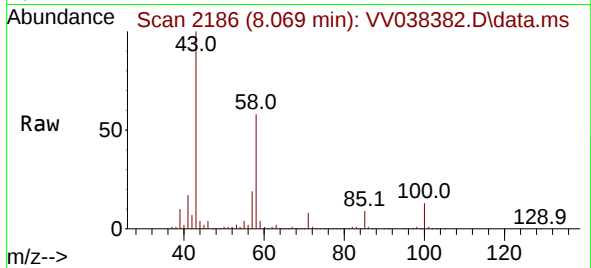




#48
2-Hexanone
Concen: 46.535 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

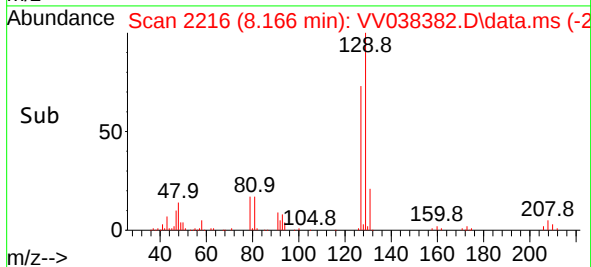
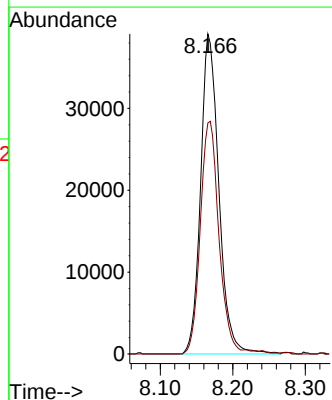
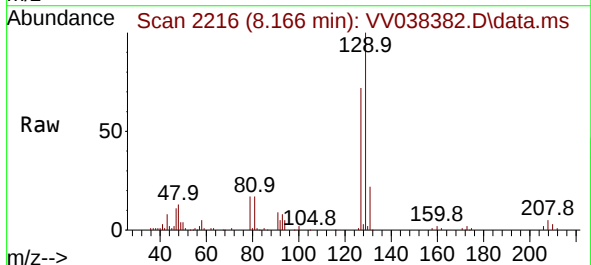
Instrument :
MSVOA_V
ClientSampleId :

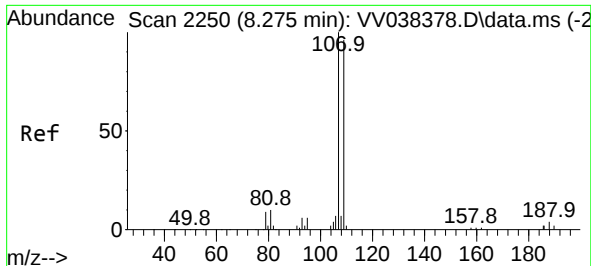
Tgt Ion: 43 Resp: 287209
Ion Ratio Lower Upper
43 100
58 54.9 49.2 73.8
57 19.2 16.9 25.3
100 13.1 11.8 17.8



#49
Dibromochloromethane
Concen: 4.751 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion: 129 Resp: 68314
Ion Ratio Lower Upper
129 100
127 72.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.659 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038382.D

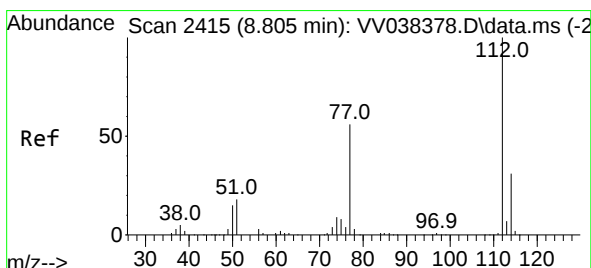
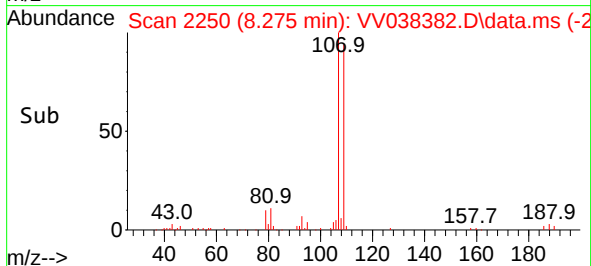
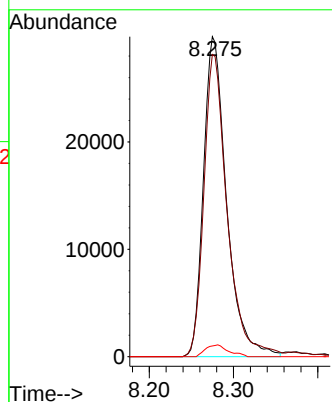
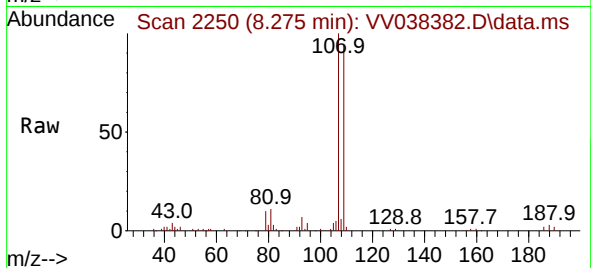
Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	56968
Ion	Ratio	Lower	Upper
107	100		
109	94.4	66.1	122.7
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 4.545 ug/L

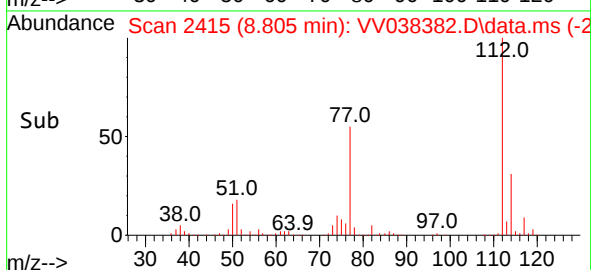
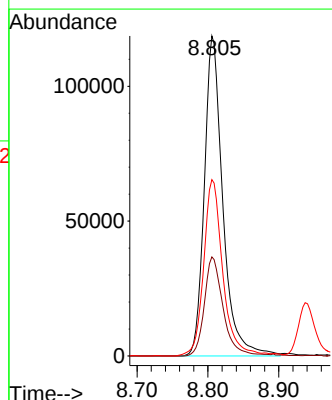
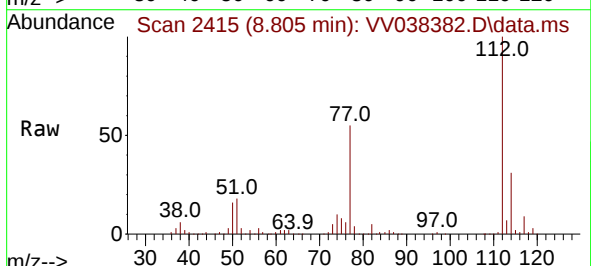
RT: 8.805 min Scan# 2415

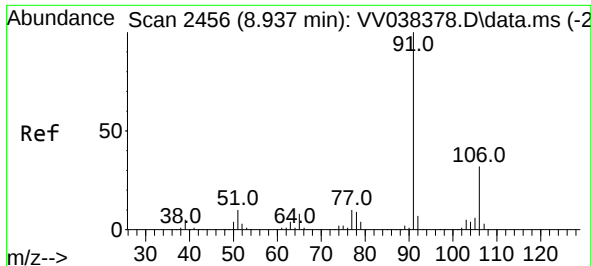
Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Tgt Ion:	112	Resp:	215307
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.0	40.8
77	55.1	45.0	67.4

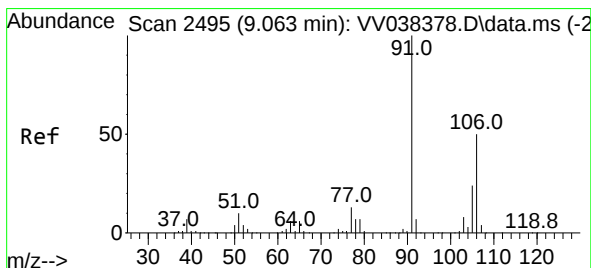
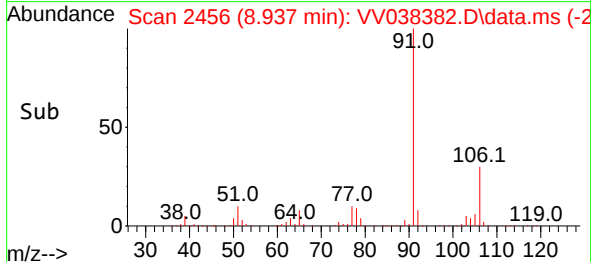
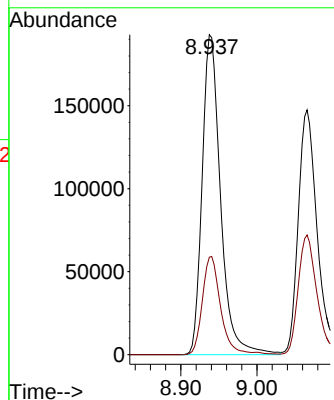
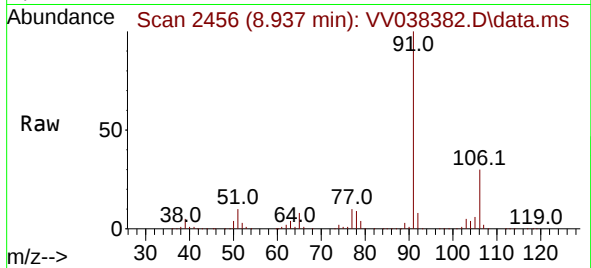




#52
Ethylbenzene
Concen: 4.454 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

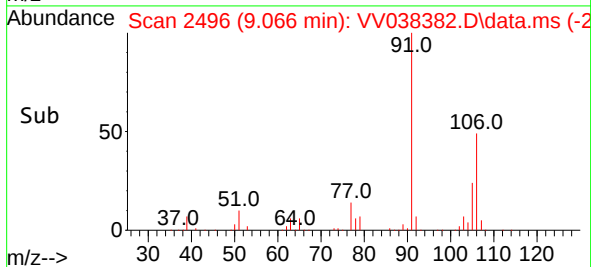
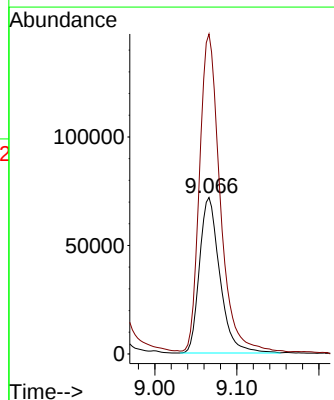
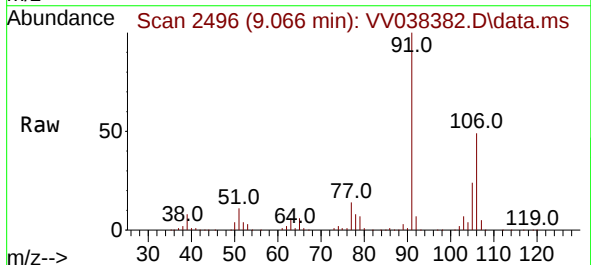
Instrument :
MSVOA_V
ClientSampleId :

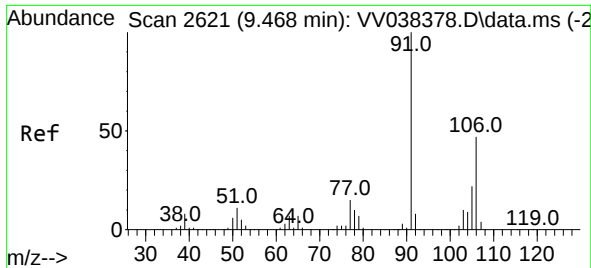
Tgt Ion: 91 Resp: 324835
Ion Ratio Lower Upper
91 100
106 30.5 21.8 40.4



#53
m,p-Xylene
Concen: 4.505 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion:106 Resp: 123987
Ion Ratio Lower Upper
106 100
91 204.5 138.7 257.5

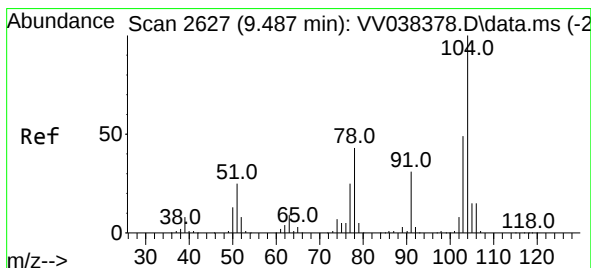
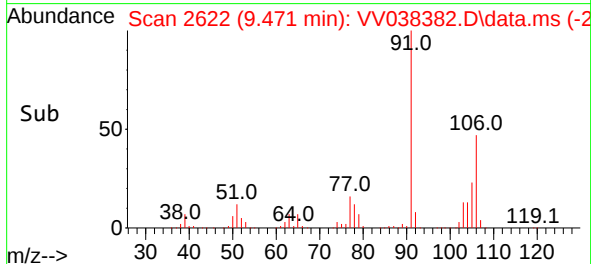
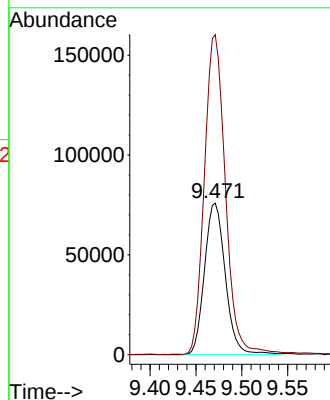
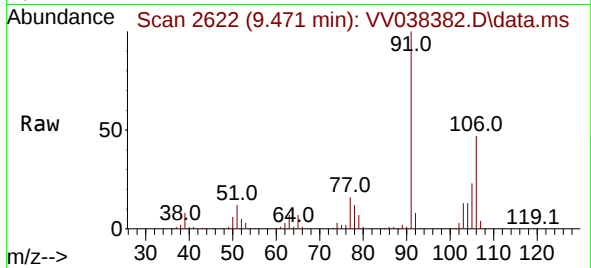




#54
o-Xylene
Concen: 4.474 ug/L
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

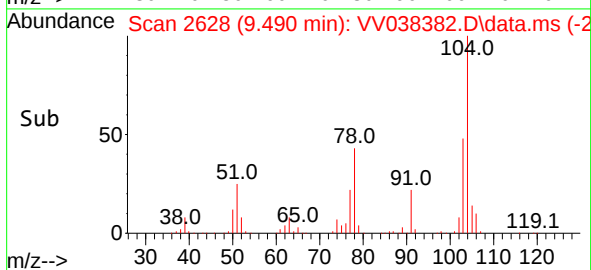
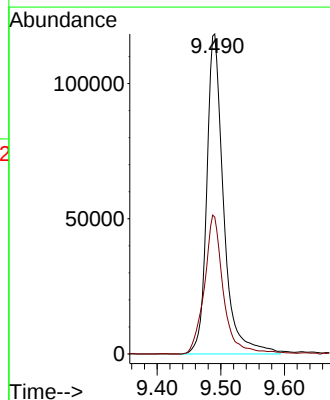
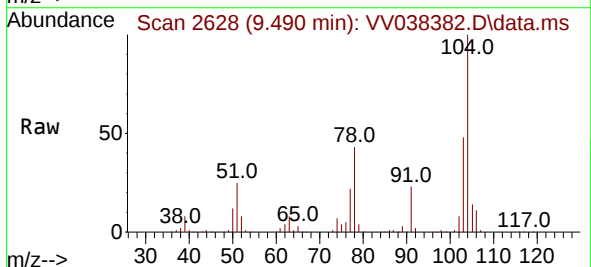
Instrument :
MSVOA_V
ClientSampleId :

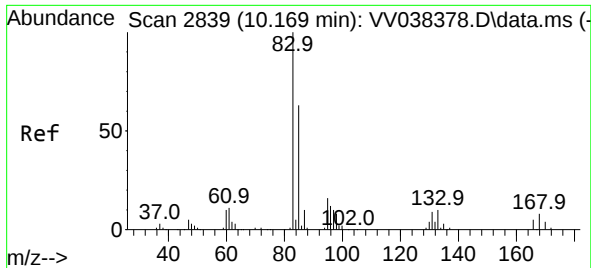
Tgt Ion:106 Resp: 119885
Ion Ratio Lower Upper
106 100
91 211.2 155.5 288.7



#55
Styrene
Concen: 4.619 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion:104 Resp: 218165
Ion Ratio Lower Upper
104 100
78 42.7 29.7 55.1

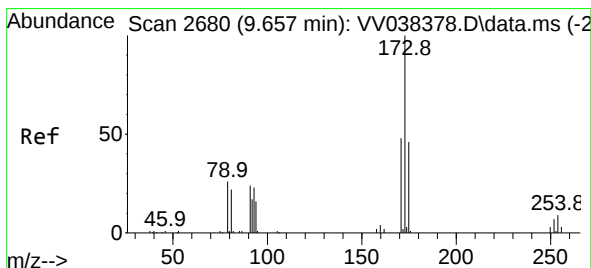
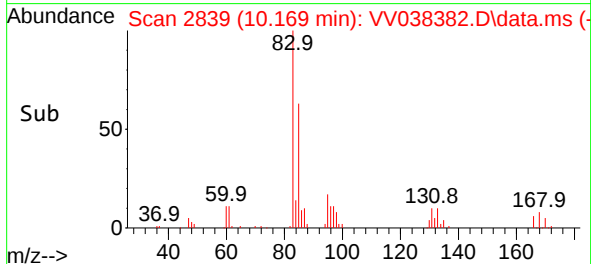
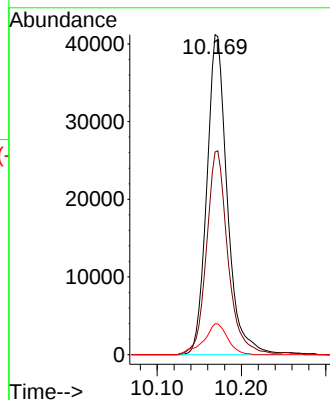
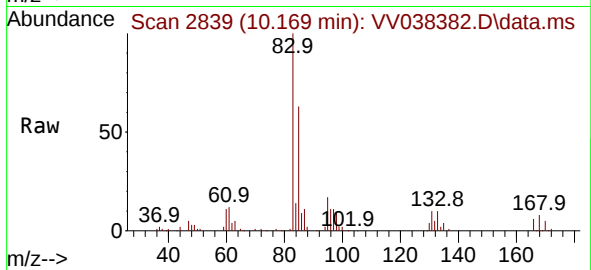




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.510 ug/L
 RT: 10.169 min Scan# 2839
 Delta R.T. 0.000 min
 Lab File: VV038382.D
 Acq: 27 Nov 2024 18:22

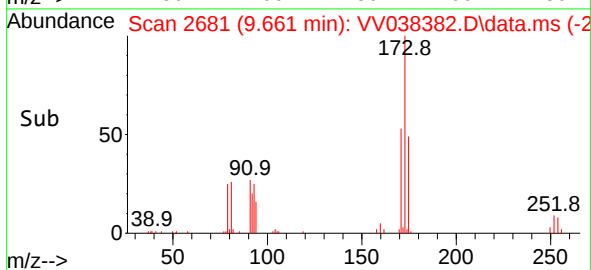
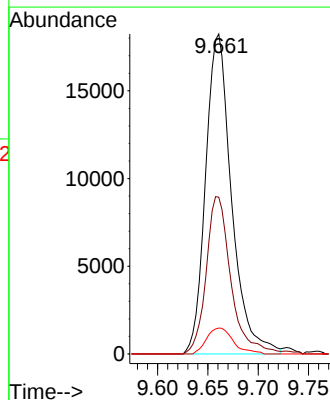
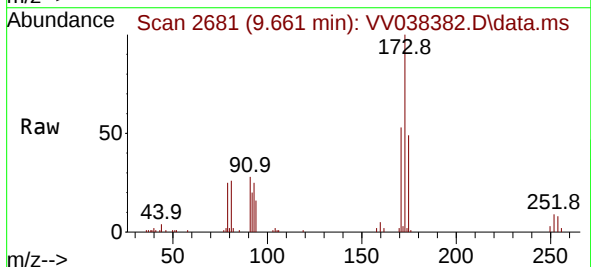
Instrument :
 MSVOA_V
 ClientSampleId :

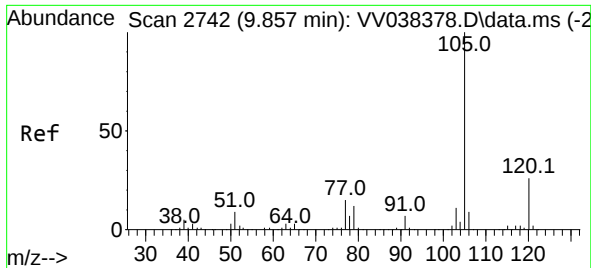
Tgt Ion: 83 Resp: 69545
 Ion Ratio Lower Upper
 83 100
 85 63.3 45.7 84.9
 131 9.6 8.2 12.4



#59
 Bromoform
 Concen: 4.574 ug/L
 RT: 9.661 min Scan# 2681
 Delta R.T. 0.003 min
 Lab File: VV038382.D
 Acq: 27 Nov 2024 18:22

Tgt Ion: 173 Resp: 32763
 Ion Ratio Lower Upper
 173 100
 175 47.2 38.5 57.7
 254 8.3 6.9 10.3

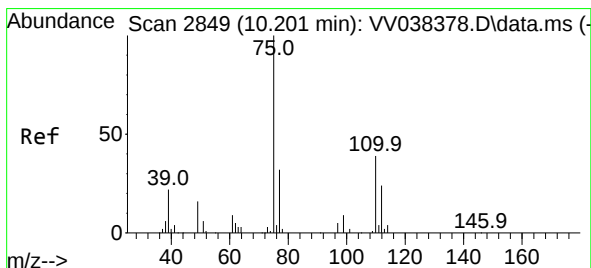
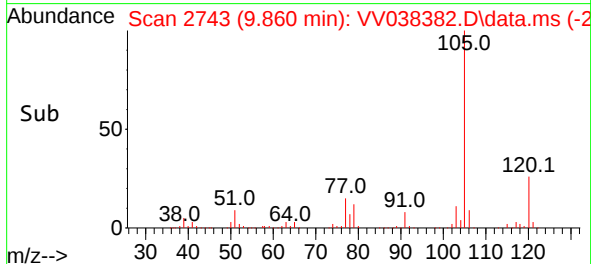
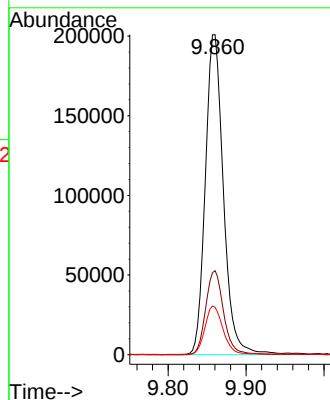
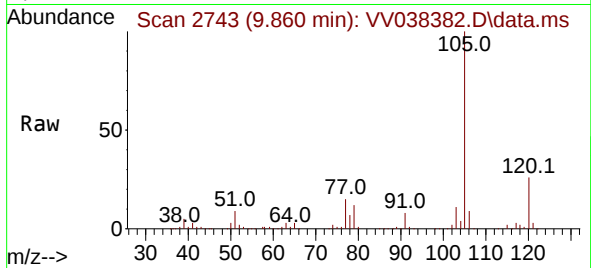




#60
Isopropylbenzene
Concen: 4.575 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

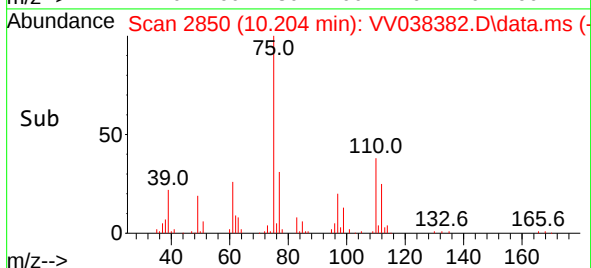
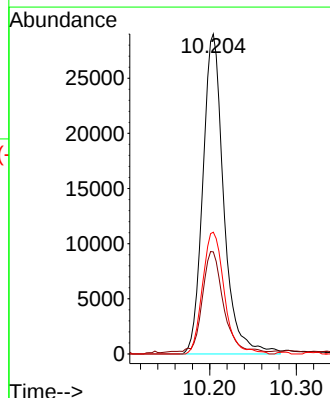
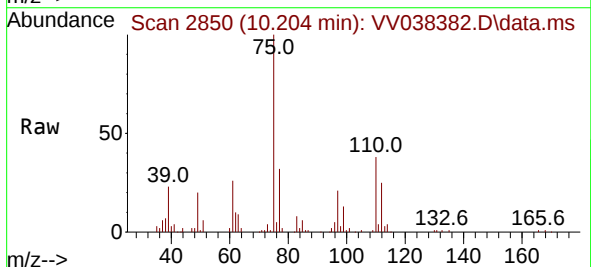
Instrument :
MSVOA_V
ClientSampleId :

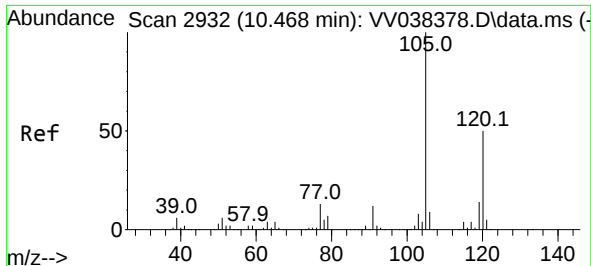
Tgt Ion:105 Resp: 324326
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.609 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

Tgt Ion: 75 Resp: 48569
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
110 39.6 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.180 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

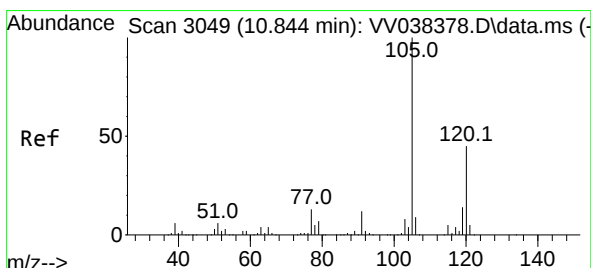
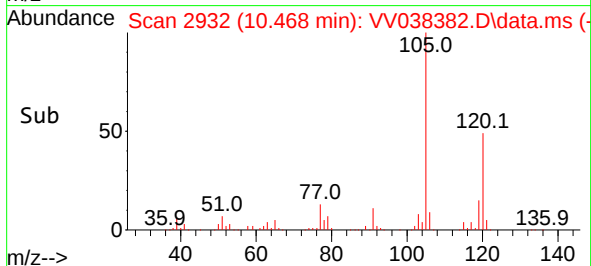
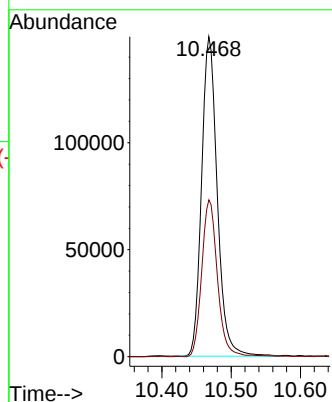
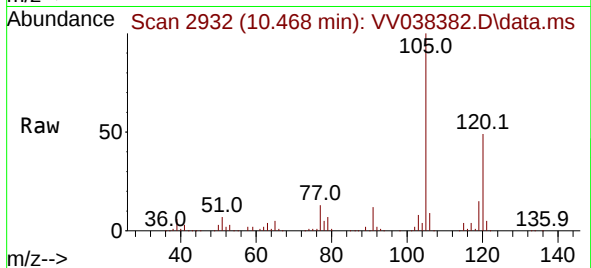
ClientSampleId :

Tgt Ion:105 Resp: 235119

Ion Ratio Lower Upper

105 100

120 48.8 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.240 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038382.D

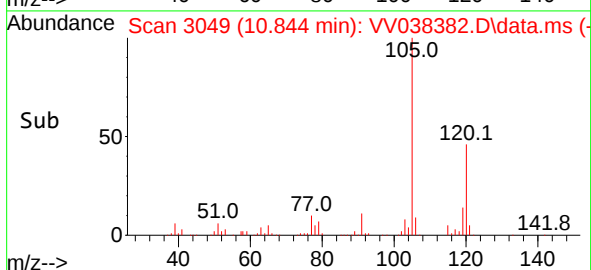
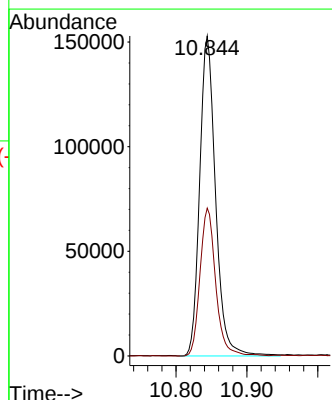
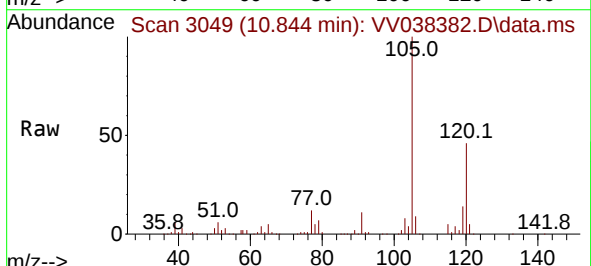
Acq: 27 Nov 2024 18:22

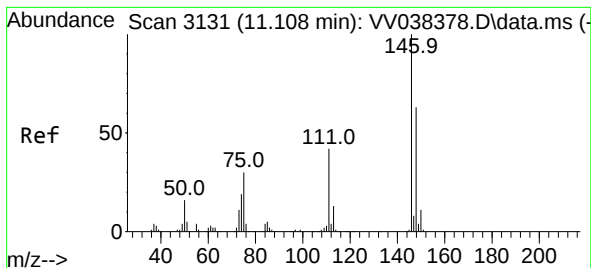
Tgt Ion:105 Resp: 237826

Ion Ratio Lower Upper

105 100

120 45.7 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 4.562 ug/L

RT: 11.111 min Scan# 311

Delta R.T. 0.003 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :

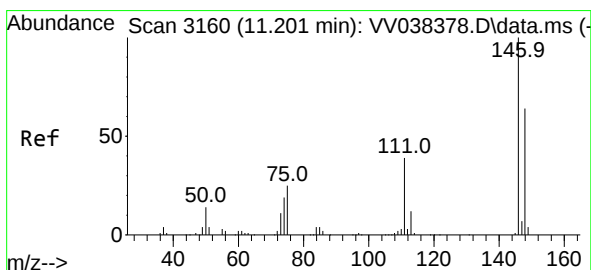
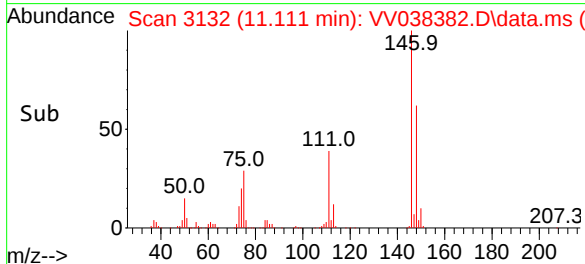
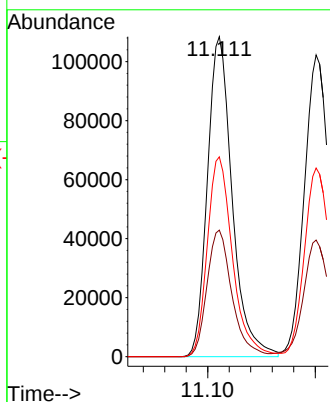
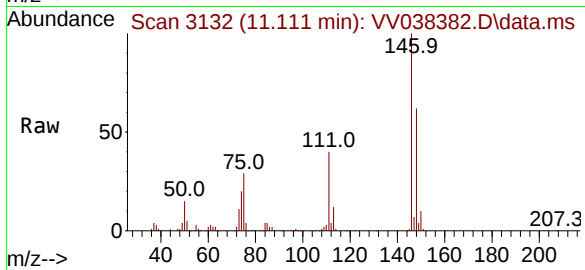
Tgt Ion:146 Resp: 173628

Ion Ratio Lower Upper

146 100

111 39.6 28.2 52.4

148 62.5 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.559 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

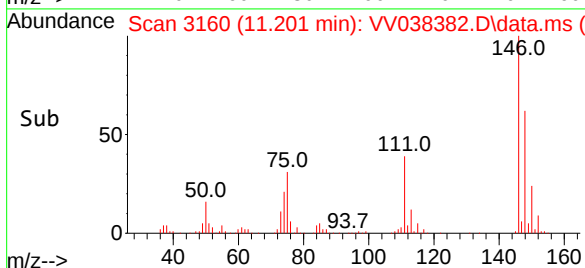
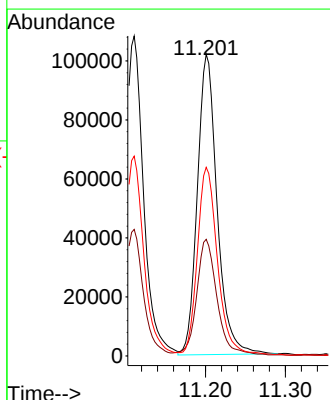
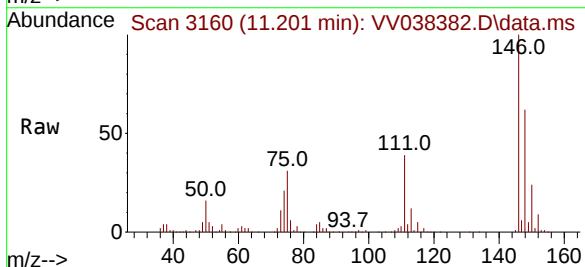
Tgt Ion:146 Resp: 175434

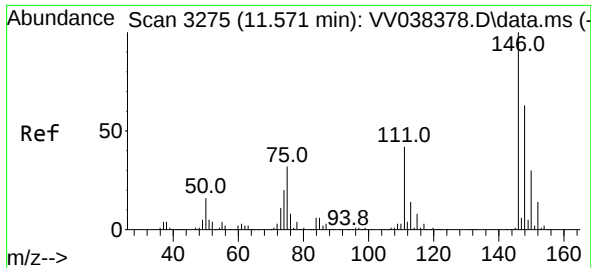
Ion Ratio Lower Upper

146 100

111 38.6 27.4 50.8

148 62.5 44.4 82.4

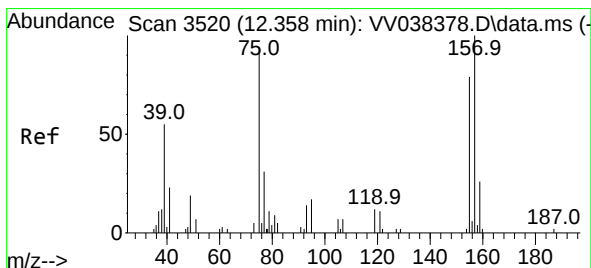
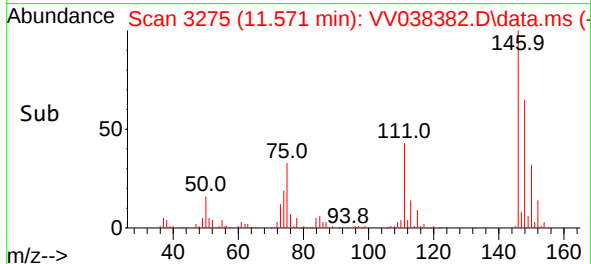
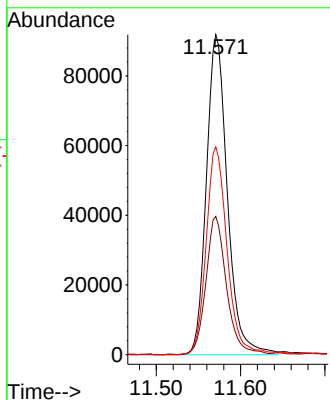
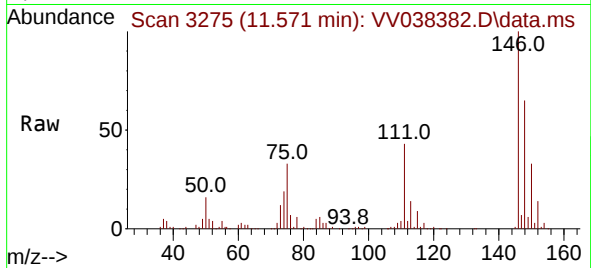




#67
 1,2-Dichlorobenzene
 Concen: 4.517 ug/L
 RT: 11.571 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV038382.D
 Acq: 27 Nov 2024 18:22

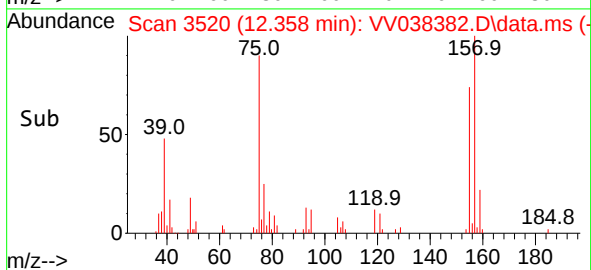
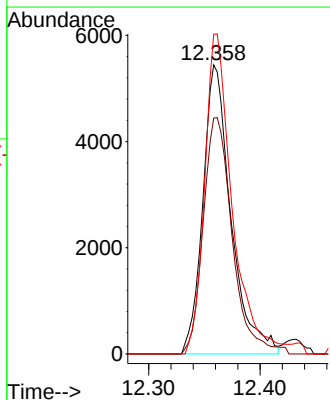
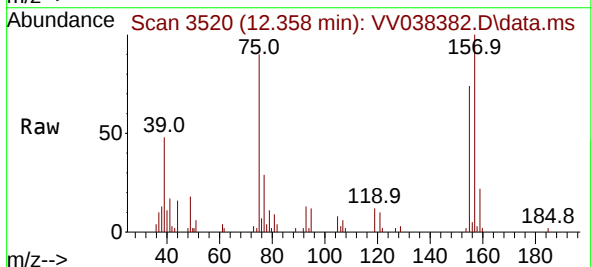
Instrument :
 MSVOA_V
 ClientSampleId :

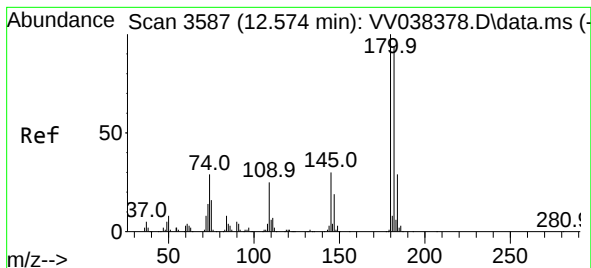
Tgt Ion:146 Resp: 159117
 Ion Ratio Lower Upper
 146 100
 111 43.2 34.2 51.2
 148 64.9 51.0 76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.037 ug/L
 RT: 12.358 min Scan# 3520
 Delta R.T. 0.000 min
 Lab File: VV038382.D
 Acq: 27 Nov 2024 18:22

Tgt Ion: 75 Resp: 9547
 Ion Ratio Lower Upper
 75 100
 155 81.6 67.5 101.3
 157 110.6 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 3.950 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 106501

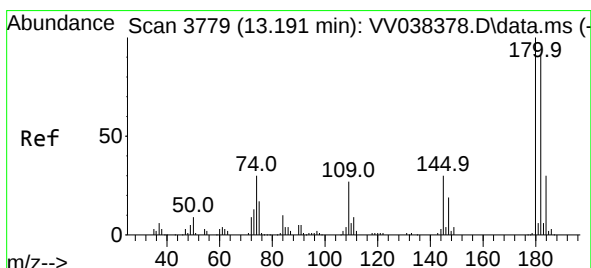
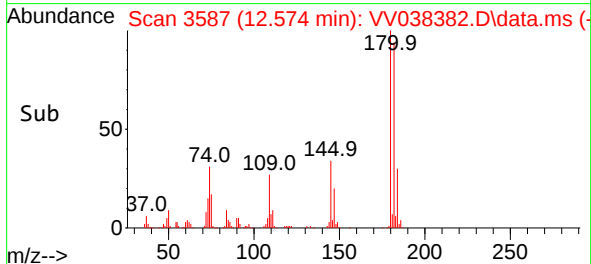
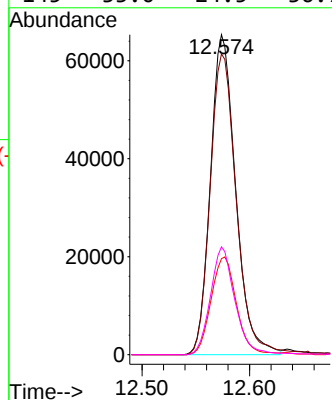
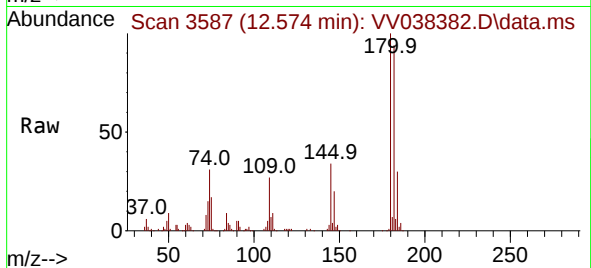
Ion Ratio Lower Upper

180 100

182 97.5 76.0 114.0

184 30.7 23.7 35.5

145 33.0 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 3.656 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038382.D

Acq: 27 Nov 2024 18:22

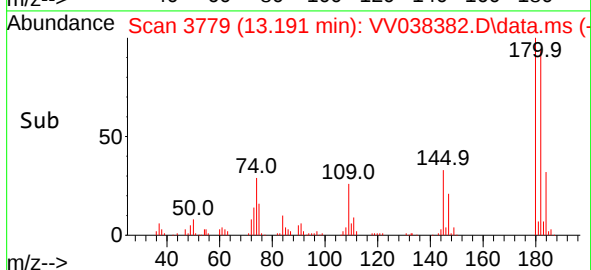
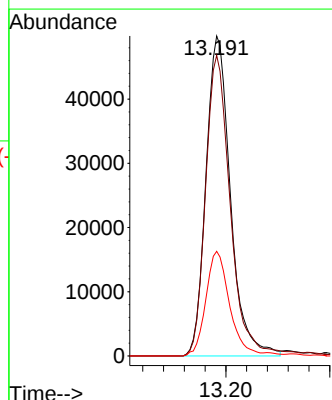
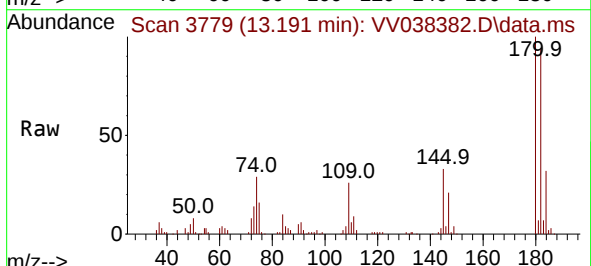
Tgt Ion:180 Resp: 81473

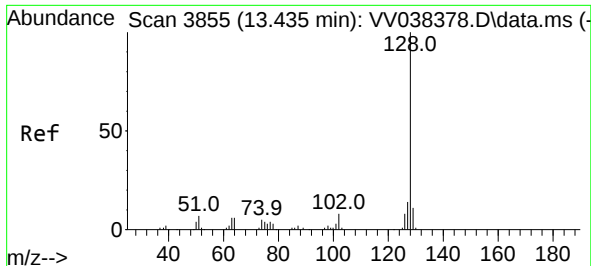
Ion Ratio Lower Upper

180 100

182 94.9 73.8 110.8

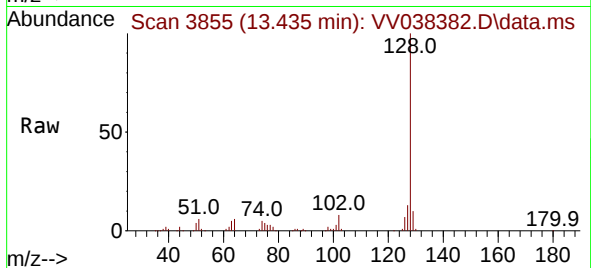
145 31.5 24.6 37.0



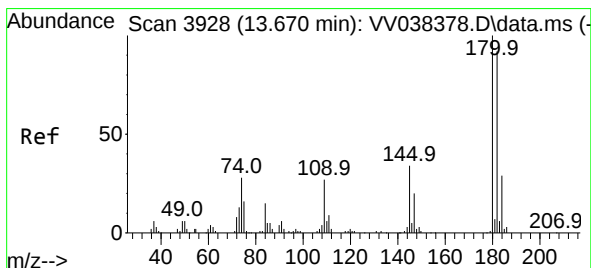
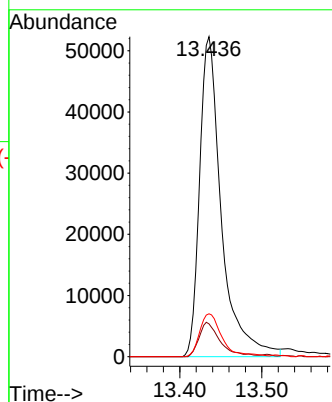
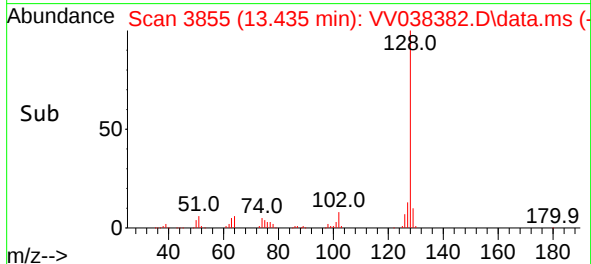


#71
Naphthalene
Concen: 2.791 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22

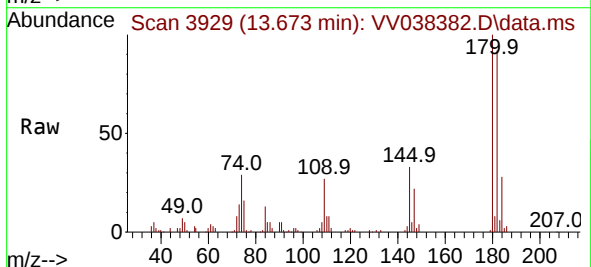
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 96753
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.7 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 3.578 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.003 min
Lab File: VV038382.D
Acq: 27 Nov 2024 18:22



Tgt Ion:180 Resp: 73675
Ion Ratio Lower Upper
180 100
182 95.7 75.1 112.7
145 34.6 27.0 40.4

