

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060167.D
 Acq On : 24 Jul 2024 20:38
 Operator : MD/SY
 Sample : P3344-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 05:17:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	145461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46294	4.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.911	69	42944	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	18429	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.631	46	121936	51.534	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.060%
24) Chloroform-d	5.055	84	93425	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.695	65	45143	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	185403	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	60591	4.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.891	98	170042	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	19507	4.375	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	95546	48.291	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52609	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	60847	4.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45593	4.145	ug/L	98
3) Chloromethane	1.518	50	58954	4.438	ug/L	100
5) Vinyl chloride	1.599	62	64812	4.352	ug/L	98
6) Bromomethane	1.853	94	39954	4.121	ug/L	93
8) Chloroethane	1.930	64	43023	4.422	ug/L	99
9) Trichlorofluoromethane	2.132	101	79015	4.207	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52791	4.307	ug/L	95
12) 1,1-Dichloroethene	2.576	96	45749	4.120	ug/L	86
13) Acetone	2.644	43	83767	53.518	ug/L	95
14) Carbon disulfide	2.788	76	131022	4.053	ug/L	98
15) Methyl Acetate	2.952	43	21605	5.612	ug/L	99
16) Methylene chloride	3.039	84	60126	4.417	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	120040	4.741	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	49185	4.259	ug/L	94
19) 1,1-Dichloroethane	3.862	63	104821	4.780	ug/L	99
21) 2-Butanone	4.708	43	140197	56.582	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	59137	4.572	ug/L	96
23) Bromochloromethane	4.965	128	26818	4.266	ug/L	86
25) Chloroform	5.078	83	107869	4.473	ug/L	98

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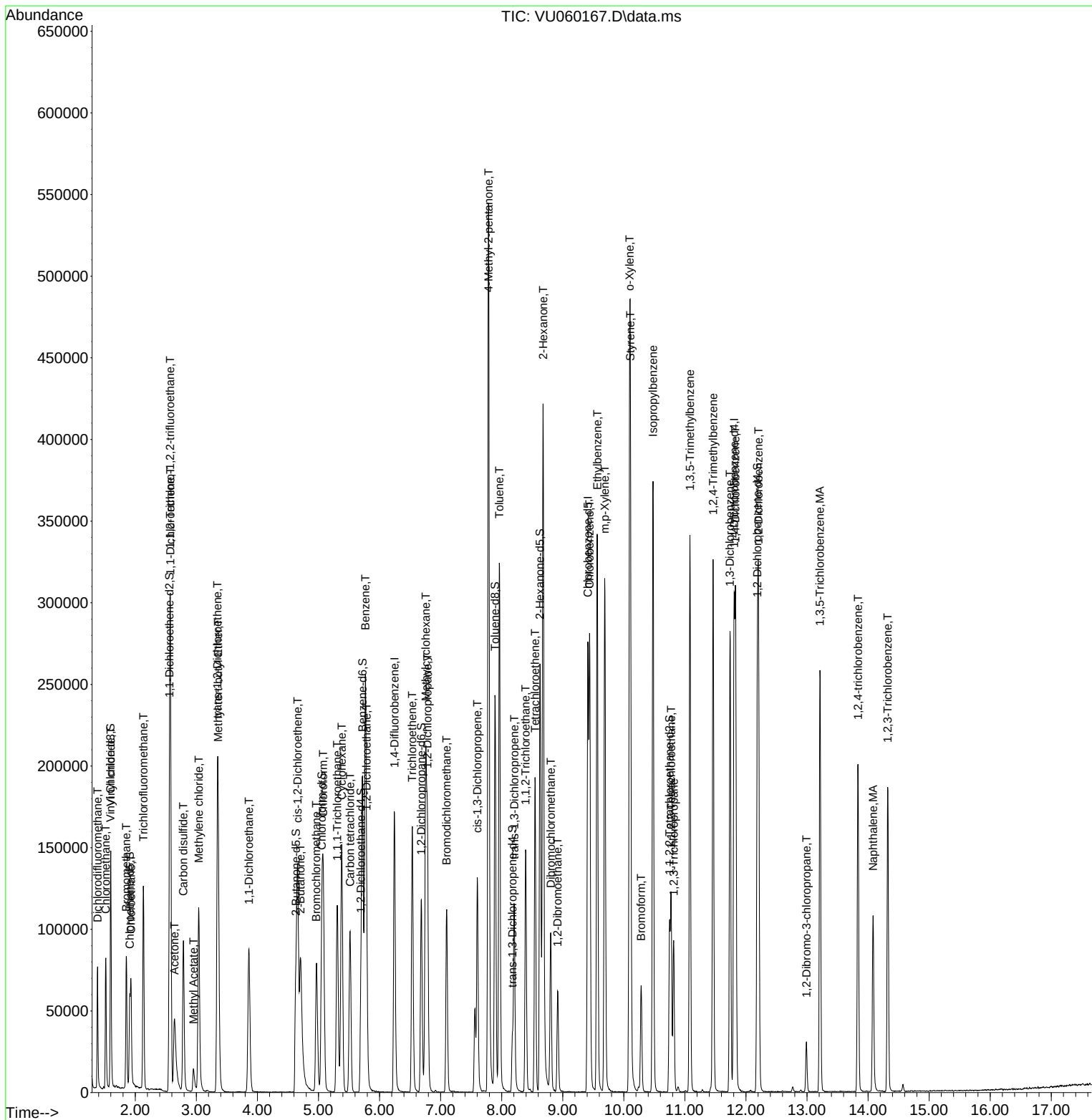
Instrument :
 MSVOA_U
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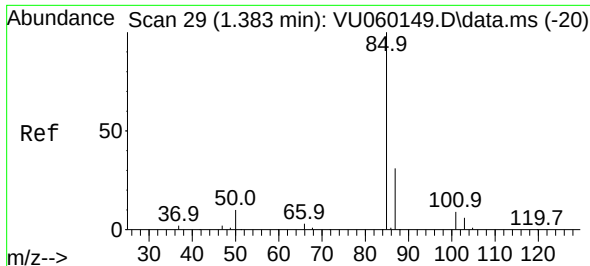
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	63243	4.588	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	85901	4.483	ug/L	98
30) Cyclohexane	5.380	56	71493	4.717	ug/L	91
31) Carbon tetrachloride	5.518	117	68500	4.143	ug/L	98
33) Benzene	5.769	78	230822	4.554	ug/L	100
34) Trichloroethene	6.537	95	59869	4.454	ug/L	91
35) Methylcyclohexane	6.759	83	74067	4.203	ug/L	95
37) 1,2-Dichloropropane	6.785	63	63990	4.674	ug/L	99
38) Bromodichloromethane	7.100	83	76356	4.451	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	81767	4.570	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	345144	56.965	ug/L	97
42) Toluene	7.962	91	248171	4.601	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	70584	4.722	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	46833	4.476	ug/L	97
47) Tetrachloroethene	8.547	164	43284	3.894	ug/L	95
48) 2-Hexanone	8.679	43	260030	58.615	ug/L	95
49) Dibromochloromethane	8.804	129	51167	4.421	ug/L	95
50) 1,2-Dibromoethane	8.917	107	42597	4.503	ug/L	99
51) Chlorobenzene	9.441	112	151696	4.305	ug/L	96
52) Ethylbenzene	9.566	91	243743	4.531	ug/L	100
53) m,p-Xylene	9.688	106	94653	4.555	ug/L	99
54) o-Xylene	10.097	106	89481	4.503	ug/L	91
55) Styrene	10.110	104	160958	4.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	60663	4.739	ug/L	99
59) Bromoform	10.283	173	30515	4.270	ug/L	97
60) Isopropylbenzene	10.479	105	238482	4.636	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	41381	4.991	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	178432	4.540	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	176465	4.647	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	121066	4.374	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	116472	4.134	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	112957	4.264	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8458	5.234	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	83986	4.021	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	64362	4.048	ug/L	99
71) Naphthalene	14.084	128	93552	4.153	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59627	4.170	ug/L	98

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

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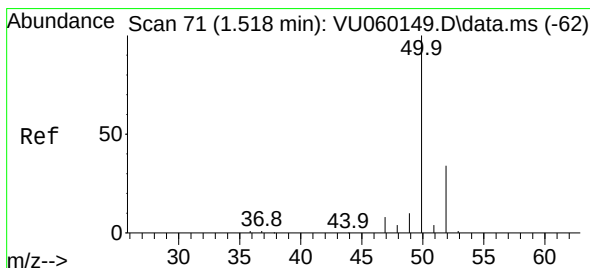
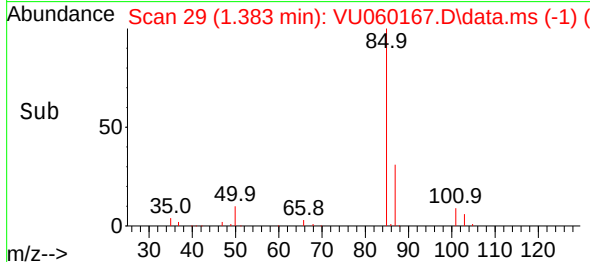
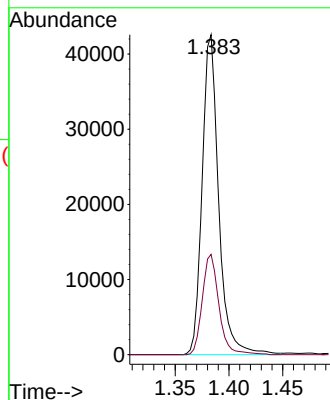
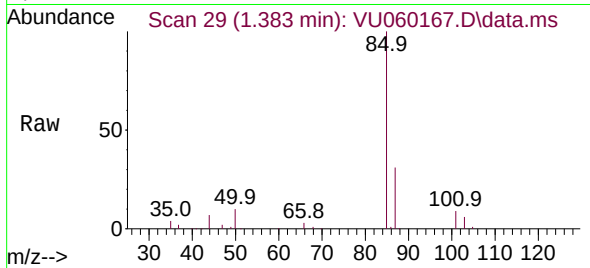




#2
 Dichlorodifluoromethane
 Concen: 4.145 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060167.D
 Acq: 24 Jul 2024 20:38

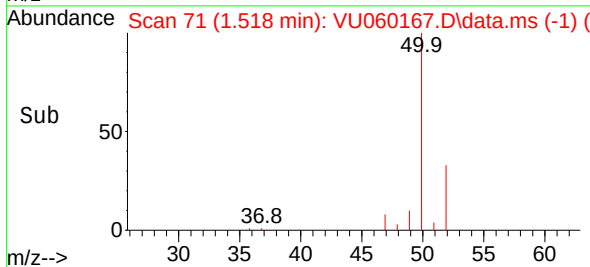
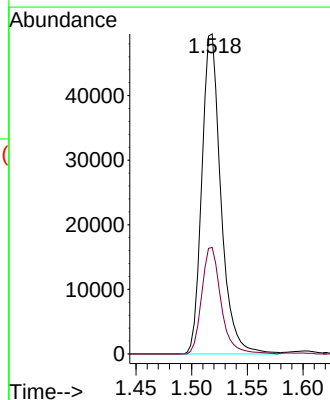
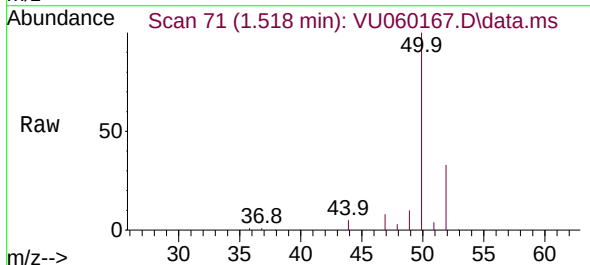
Instrument :
 MSVOA_U
 ClientSampleId :

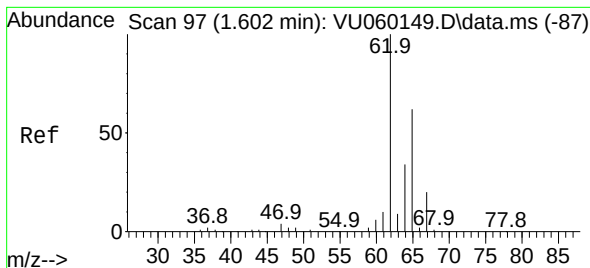
Tgt Ion: 85 Resp: 45593
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.1 39.1



#3
 Chloromethane
 Concen: 4.438 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060167.D
 Acq: 24 Jul 2024 20:38

Tgt Ion: 50 Resp: 58954
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.4 43.4





#5

Vinyl chloride

Concen: 4.352 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

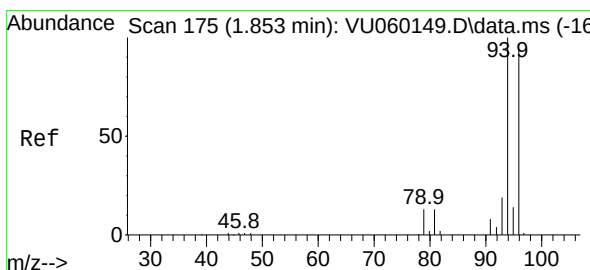
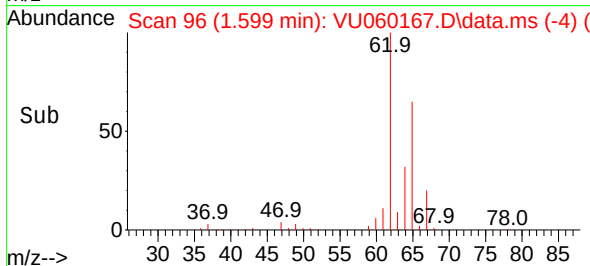
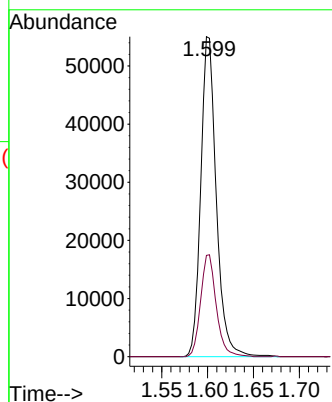
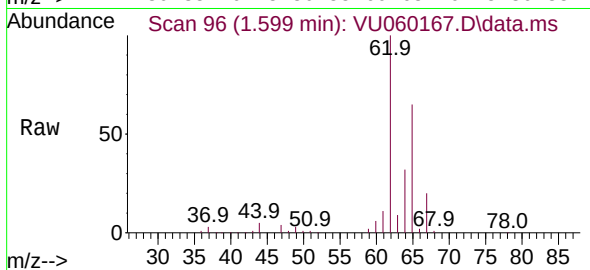
ClientSampleId :

Tgt Ion: 62 Resp: 64812

Ion Ratio Lower Upper

62 100

64 31.7 22.8 42.4



#6

Bromomethane

Concen: 4.121 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060167.D

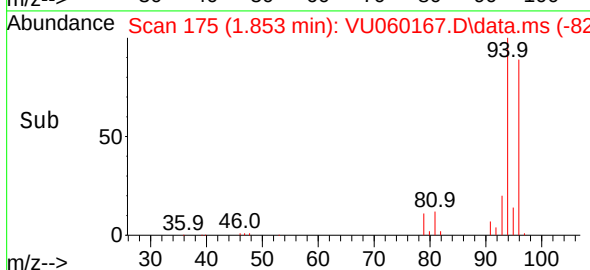
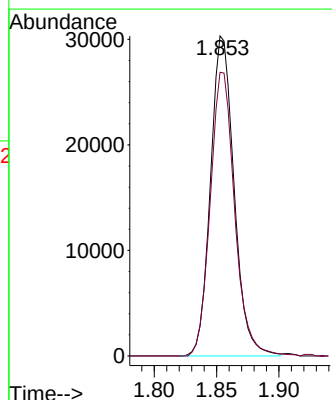
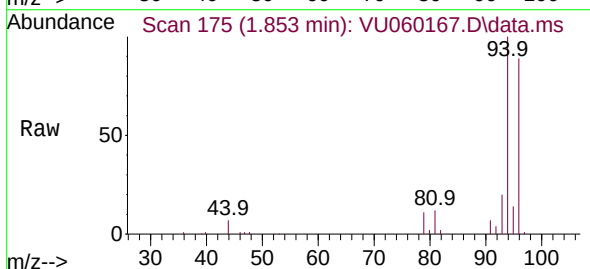
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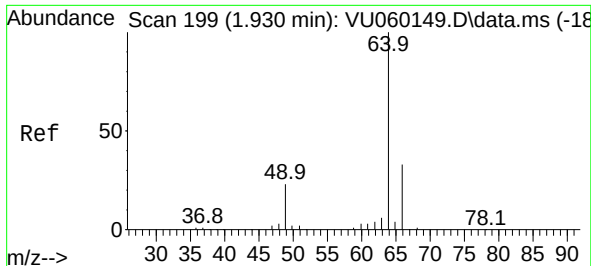
Tgt Ion: 94 Resp: 39954

Ion Ratio Lower Upper

94 100

96 88.6 66.6 123.6

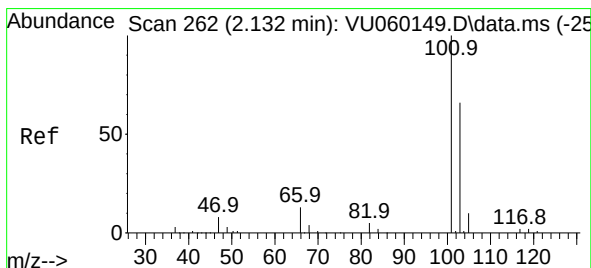
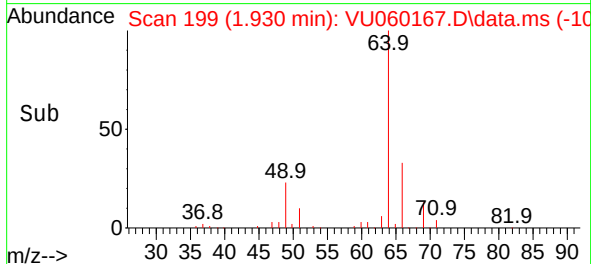
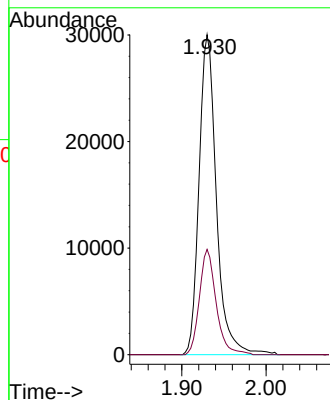
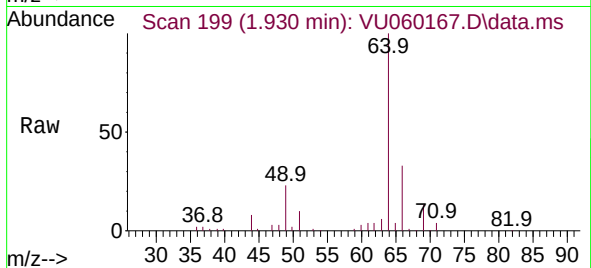




#8
Chloroethane
Concen: 4.422 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

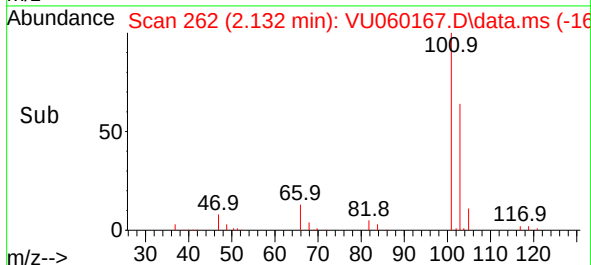
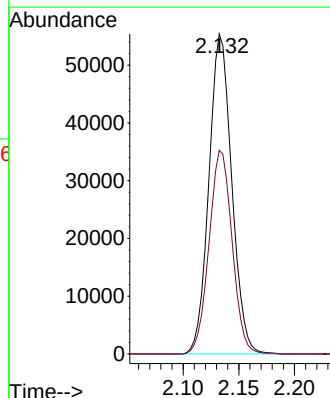
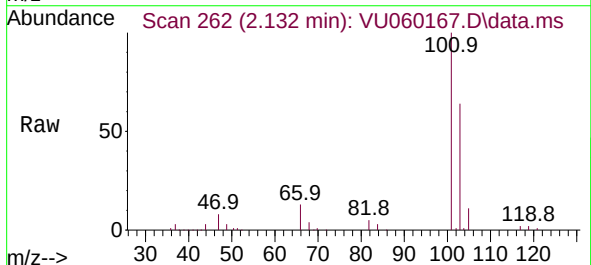
Instrument :
MSVOA_U
ClientSampleId :

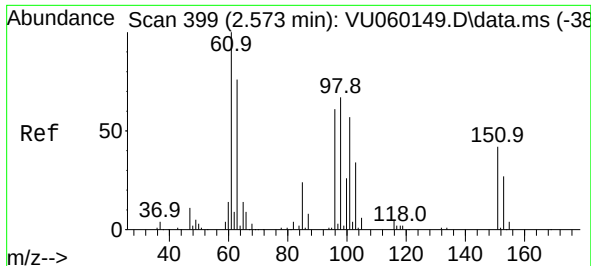
Tgt Ion: 64 Resp: 43023
Ion Ratio Lower Upper
64 100
66 32.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.207 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion:101 Resp: 79015
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2





#10

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

Concen: 4.307 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :

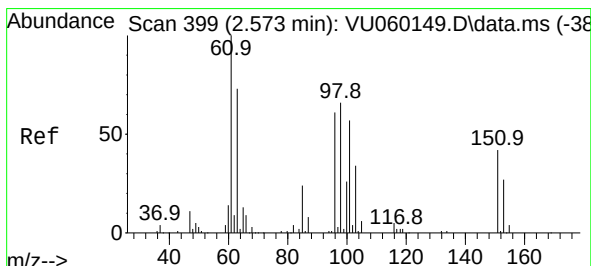
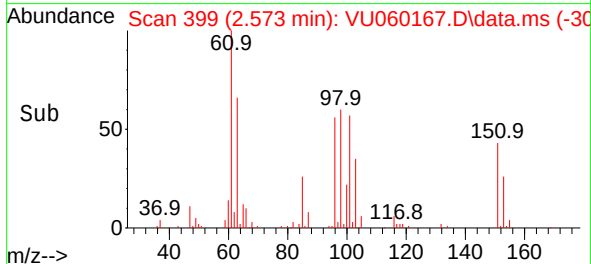
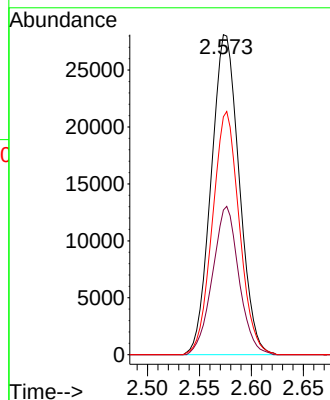
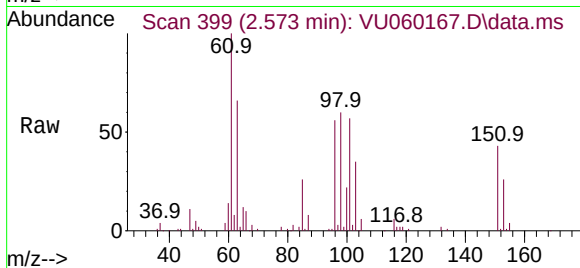
Tgt Ion:101 Resp: 52791

Ion Ratio Lower Upper

101 100

85 43.7 33.2 49.8

151 72.9 61.8 92.8



#12

1,1-Dichloroethene

Concen: 4.120 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

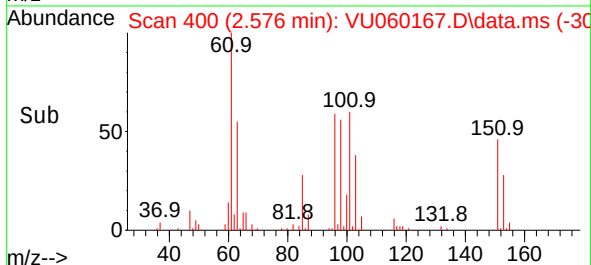
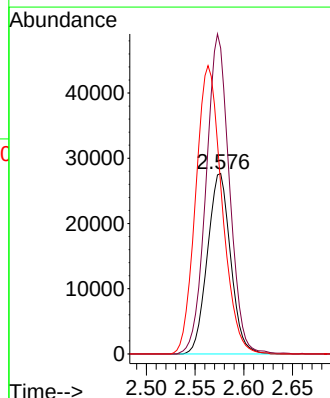
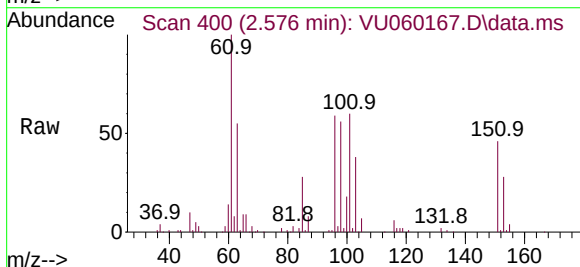
Tgt Ion: 96 Resp: 45749

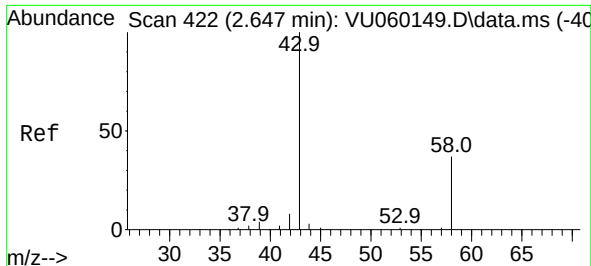
Ion Ratio Lower Upper

96 100

61 169.4 107.0 198.6

63 93.6 76.4 142.0





#13

Acetone

Concen: 53.518 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

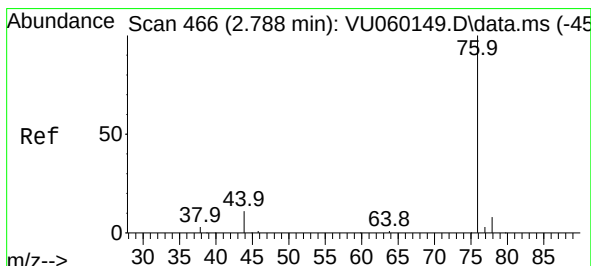
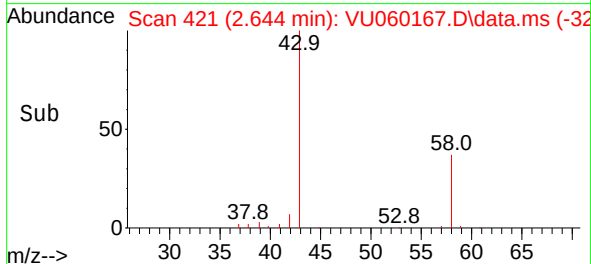
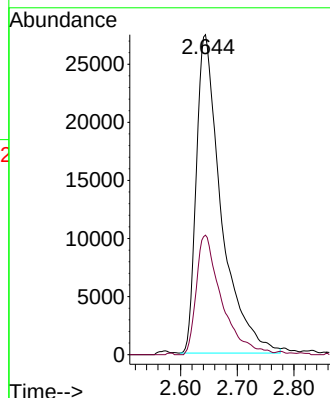
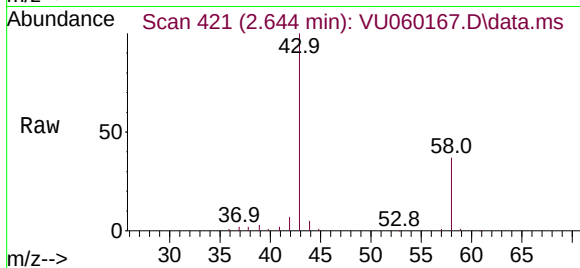
ClientSampleId :

Tgt Ion: 43 Resp: 83767

Ion Ratio Lower Upper

43 100

58 38.1 0.0 82.2



#14

Carbon disulfide

Concen: 4.053 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060167.D

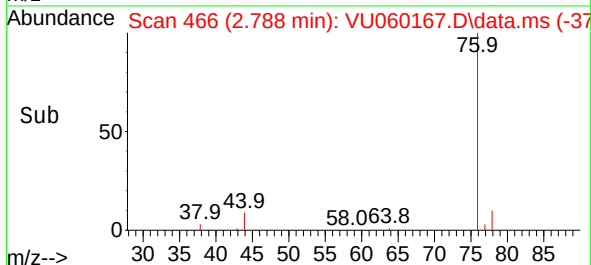
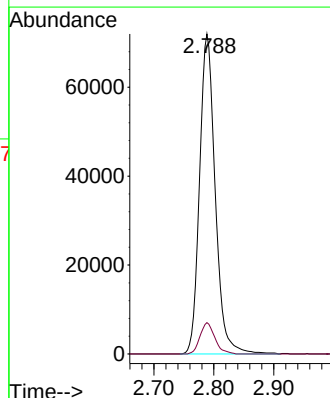
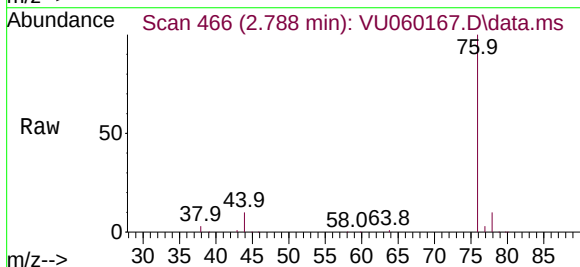
Acq: 24 Jul 2024 20:38

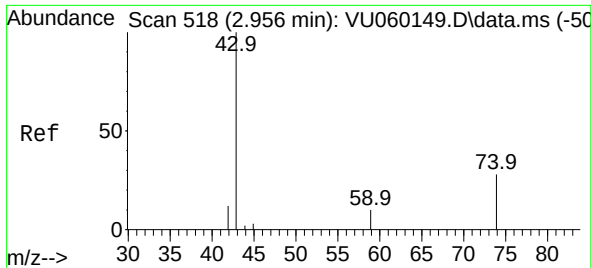
Tgt Ion: 76 Resp: 131022

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0





#15

Methyl Acetate

Concen: 5.612 ug/L

RT: 2.952 min Scan# 518

Delta R.T. -0.003 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

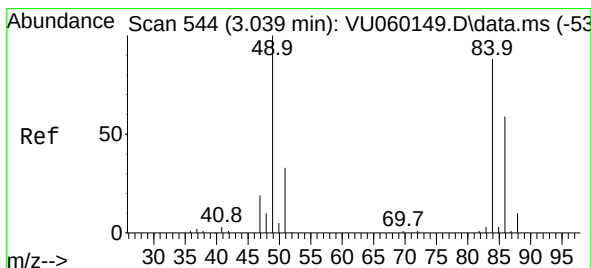
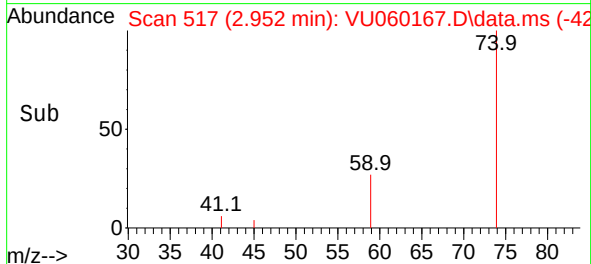
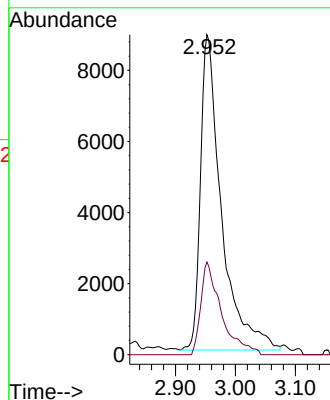
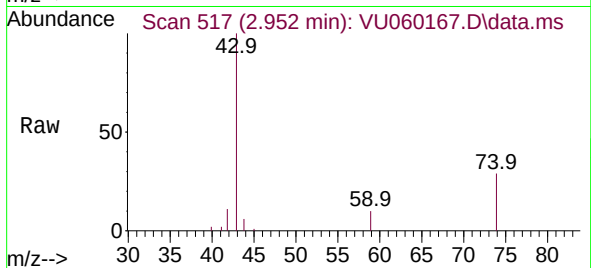
ClientSampleId :

Tgt Ion: 43 Resp: 21605

Ion Ratio Lower Upper

43 100

74 28.8 23.5 35.3



#16

Methylene chloride

Concen: 4.417 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

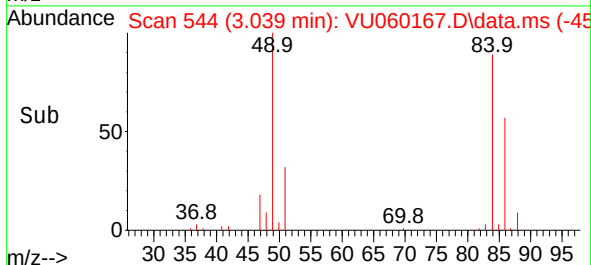
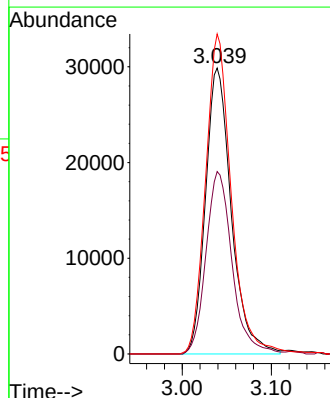
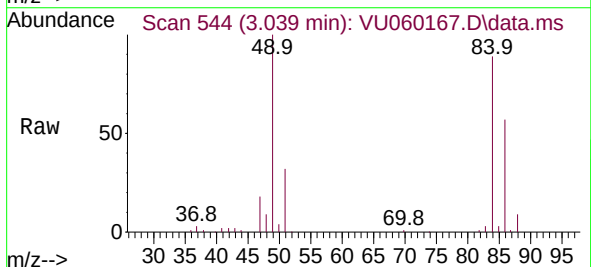
Tgt Ion: 84 Resp: 60126

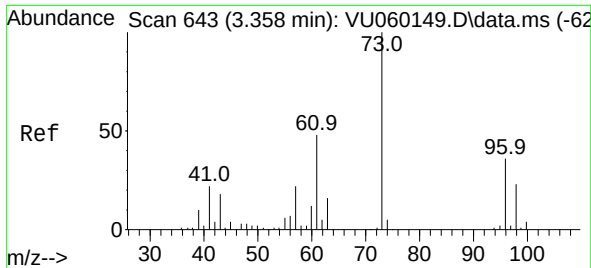
Ion Ratio Lower Upper

84 100

86 63.8 44.4 82.5

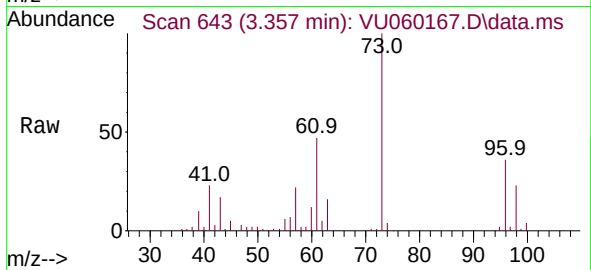
49 111.9 72.0 133.6



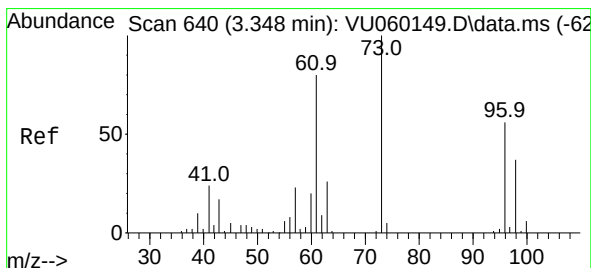
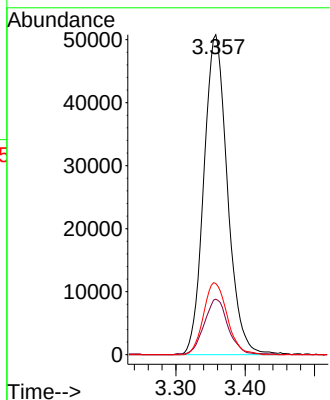
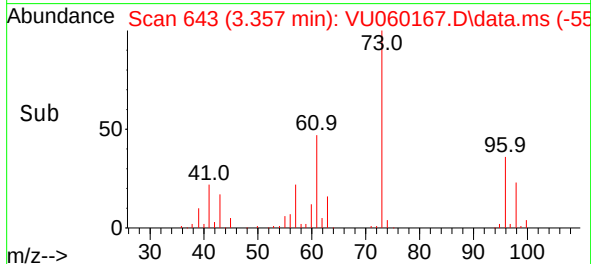


#17
Methyl tert-butyl Ether
Concen: 4.741 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Instrument :
MSVOA_U
ClientSampleId :

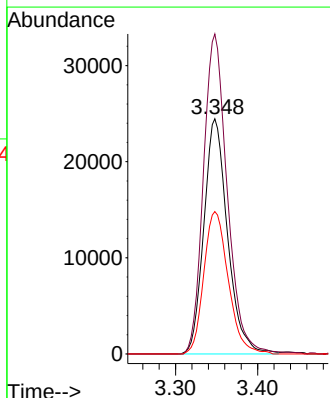
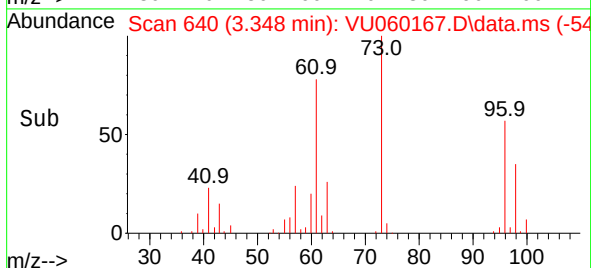
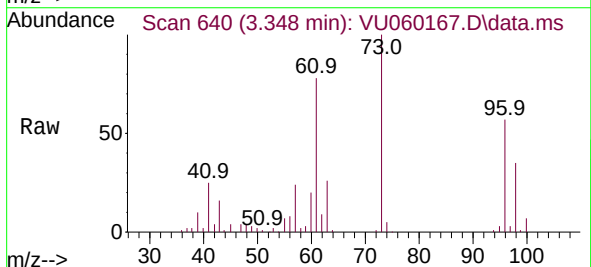


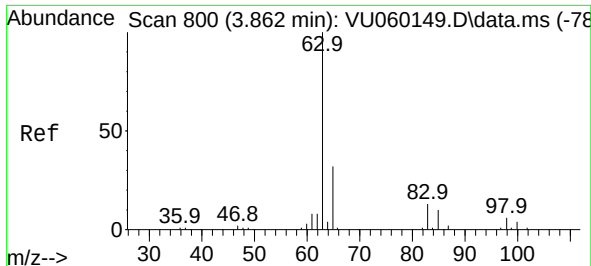
Tgt Ion: 73 Resp: 120040
Ion Ratio Lower Upper
73 100
43 17.0 13.1 19.7
57 22.6 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.259 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion: 96 Resp: 49185
Ion Ratio Lower Upper
96 100
61 136.1 91.6 170.0
98 60.6 47.7 88.5

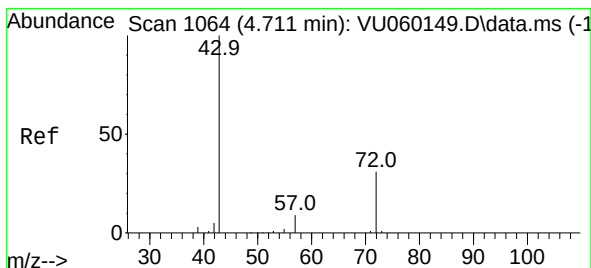
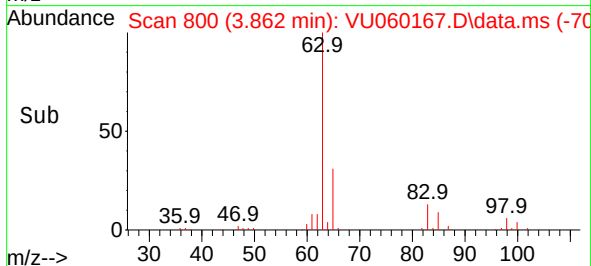
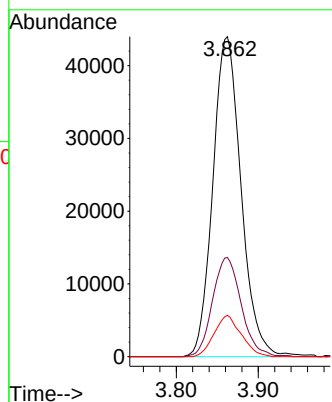
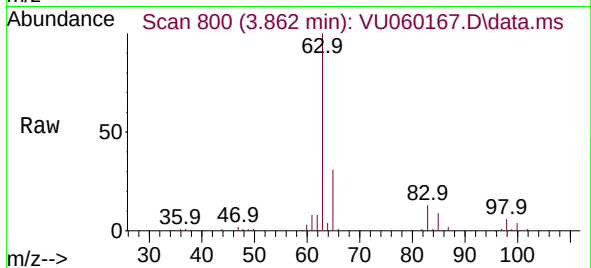




#19
1,1-Dichloroethane
Concen: 4.780 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

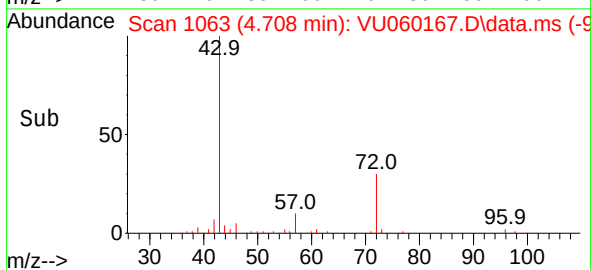
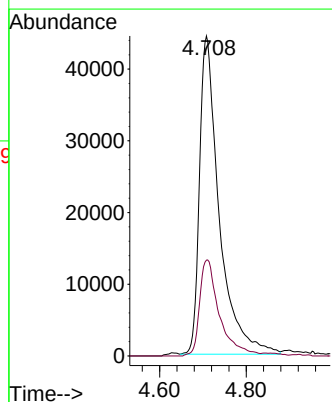
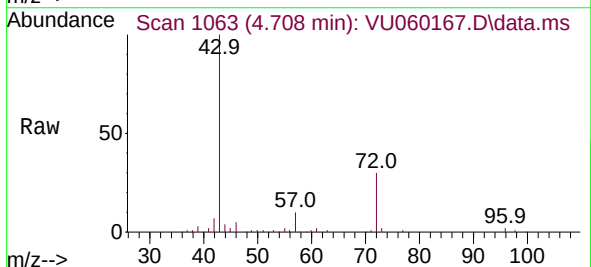
Instrument :
MSVOA_U
ClientSampleId :

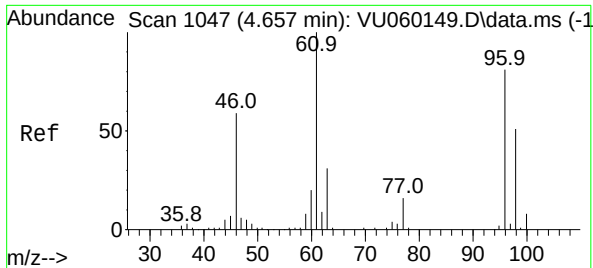
Tgt Ion: 63 Resp: 104821
Ion Ratio Lower Upper
63 100
65 31.0 22.0 40.8
83 12.9 9.7 17.9



#21
2-Butanone
Concen: 56.582 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion: 43 Resp: 140197
Ion Ratio Lower Upper
43 100
72 30.3 16.3 48.9

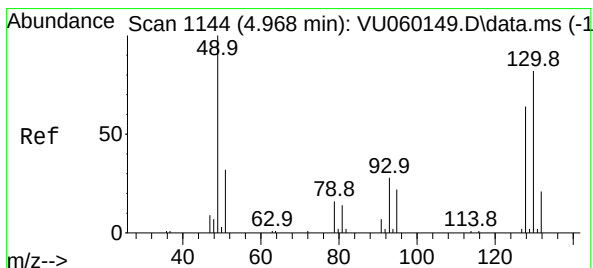
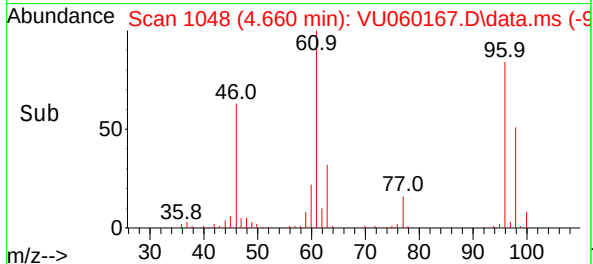
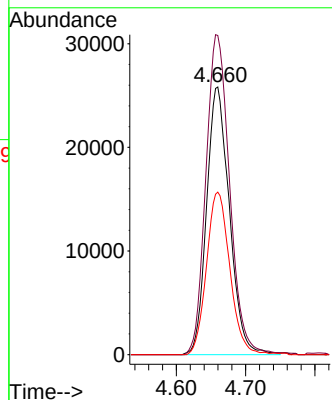
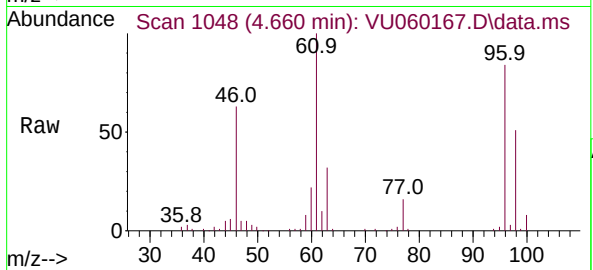




#22
cis-1,2-Dichloroethene
Concen: 4.572 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

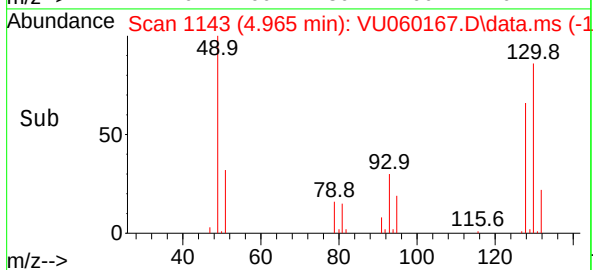
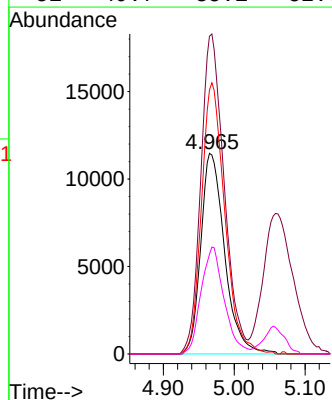
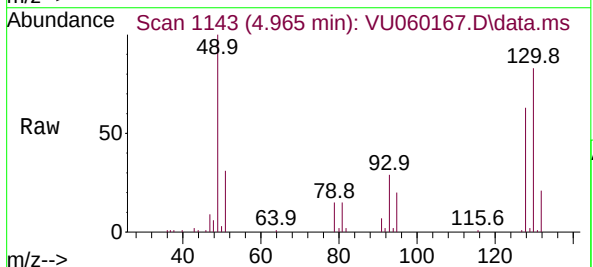
Instrument :
MSVOA_U
ClientSampleId :

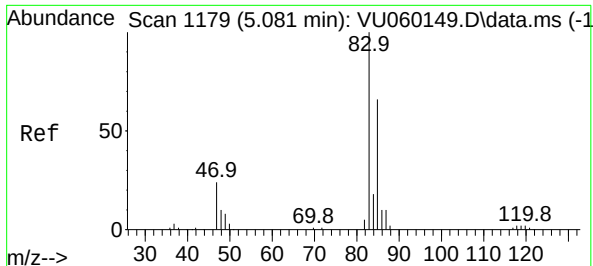
Tgt Ion: 96 Resp: 59137
Ion Ratio Lower Upper
96 100
61 119.2 80.2 148.9
98 60.7 44.7 83.1



#23
Bromochloromethane
Concen: 4.266 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion:128 Resp: 26818
Ion Ratio Lower Upper
128 100
49 158.4 92.3 171.3
130 131.6 87.1 161.7
51 49.7 35.1 52.7

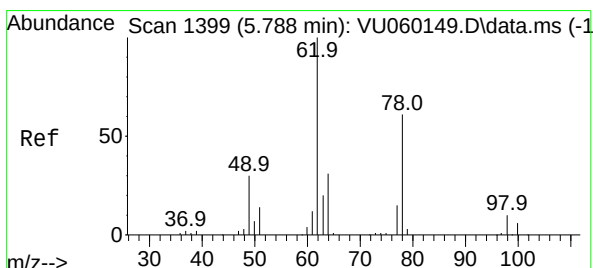
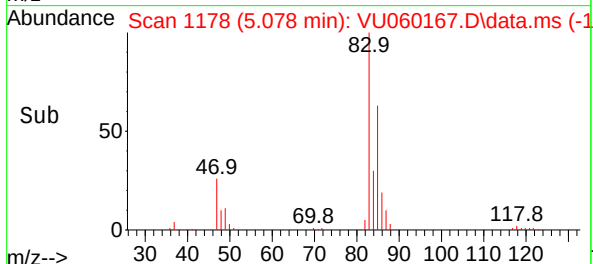
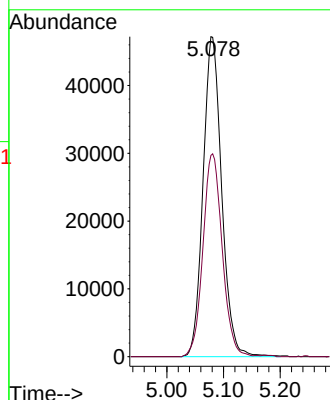
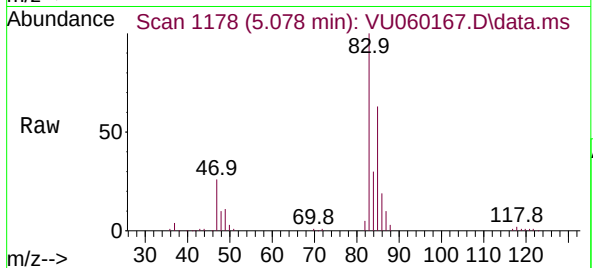




#25
Chloroform
Concen: 4.473 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

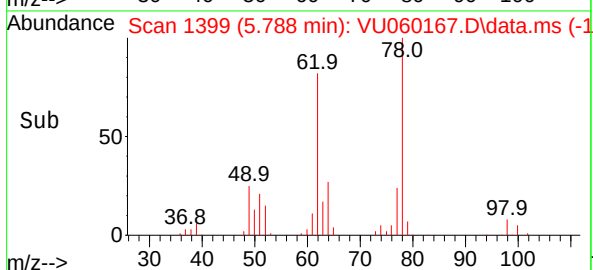
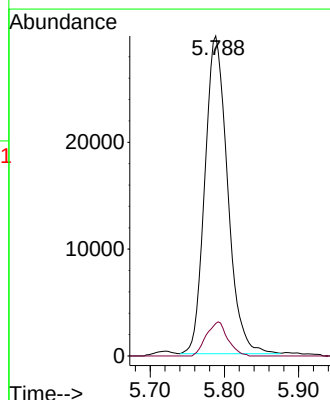
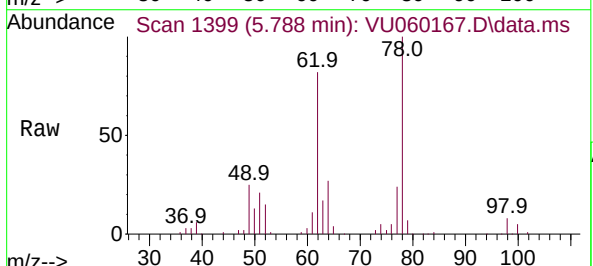
Instrument :
MSVOA_U
ClientSampleId :

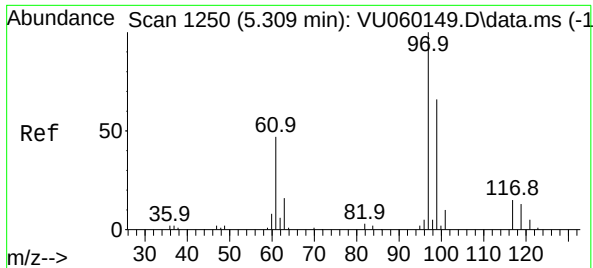
Tgt Ion: 83 Resp: 107869
Ion Ratio Lower Upper
83 100
85 62.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.588 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion: 62 Resp: 63243
Ion Ratio Lower Upper
62 100
98 10.1 7.9 11.9

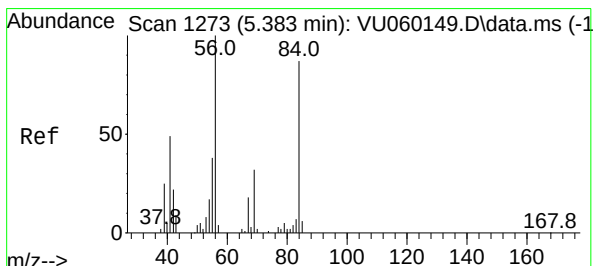
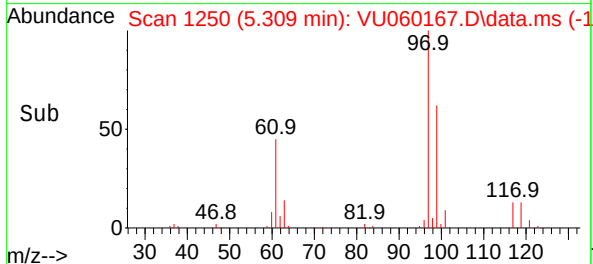
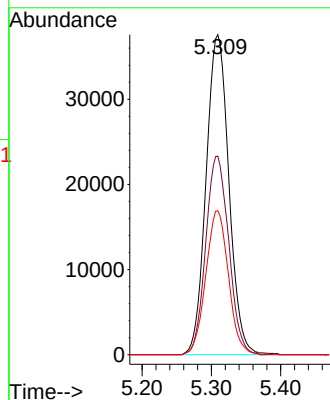
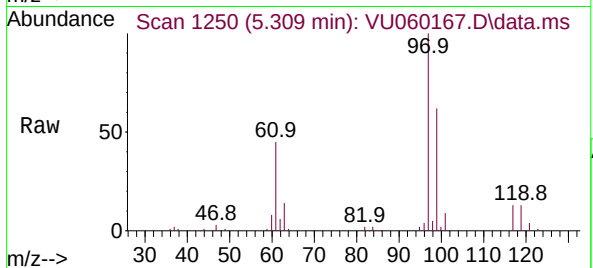




#29
1,1,1-Trichloroethane
Concen: 4.483 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

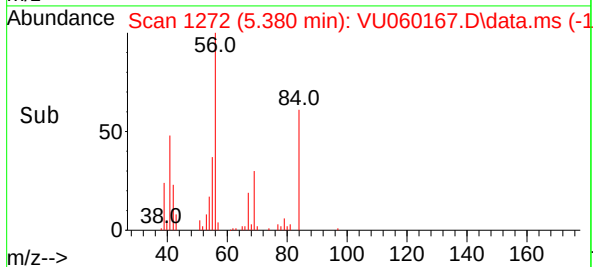
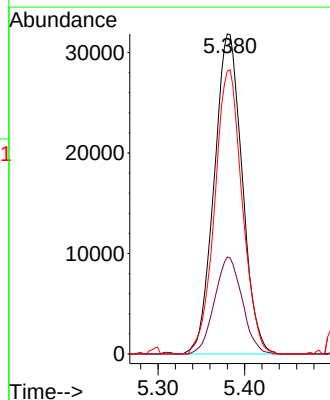
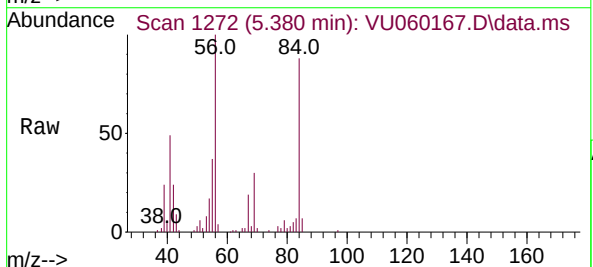
Instrument :
MSVOA_U
ClientSampleId :

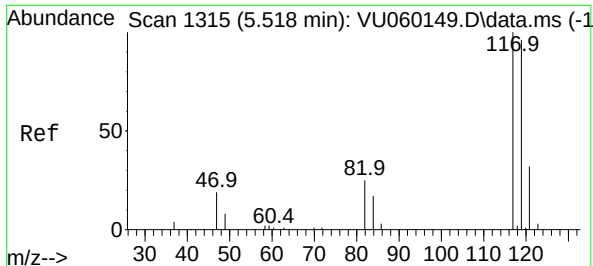
Tgt Ion: 97	Resp: 85901
Ion Ratio	Lower Upper
97 100	
99 62.6	51.0 76.4
61 44.8	34.1 51.1



#30
Cyclohexane
Concen: 4.717 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion: 56	Resp: 71493
Ion Ratio	Lower Upper
56 100	
69 29.8	26.6 39.8
84 87.2	77.2 115.8

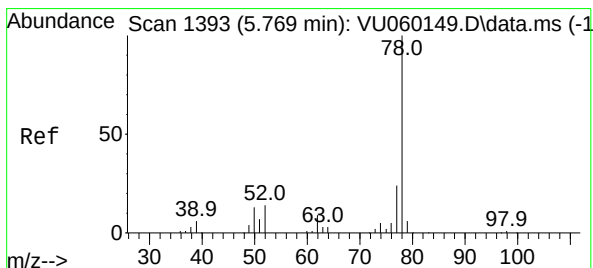
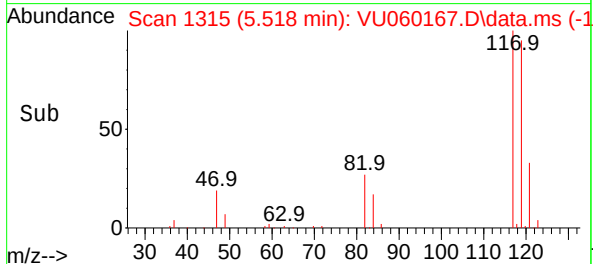
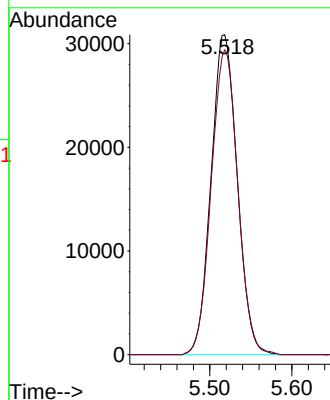
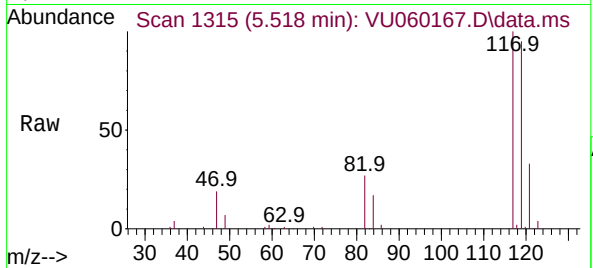




#31
Carbon tetrachloride
Concen: 4.143 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

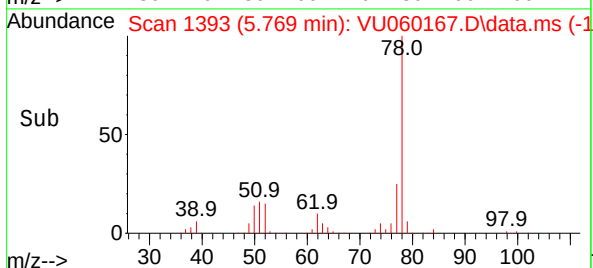
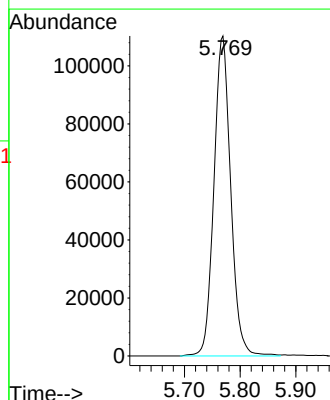
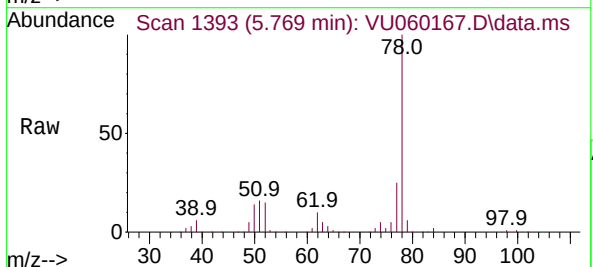
Instrument :
MSVOA_U
ClientSampleId :

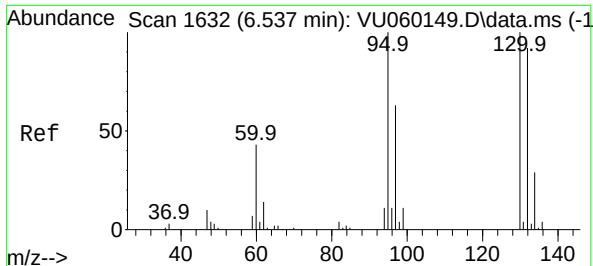
Tgt Ion:117 Resp: 68500
Ion Ratio Lower Upper
117 100
119 96.7 75.6 113.4



#33
Benzene
Concen: 4.554 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion: 78 Resp: 230822





#34

Trichloroethene

Concen: 4.454 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 59869

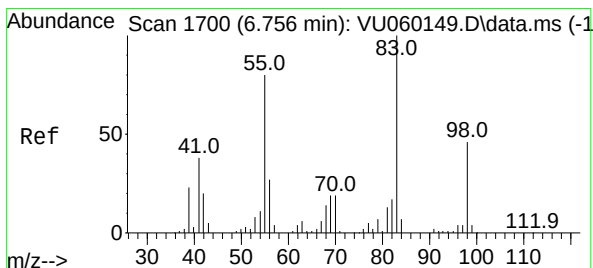
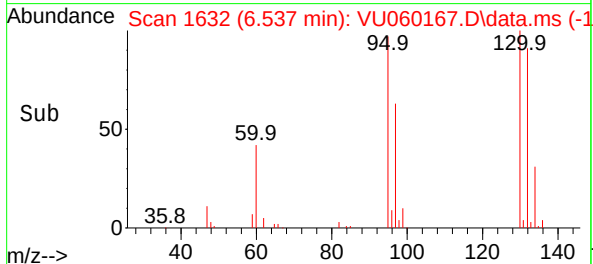
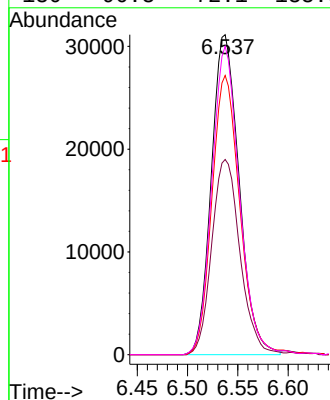
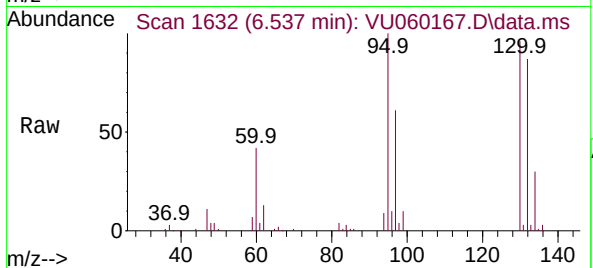
Ion Ratio Lower Upper

95 100

97 61.0 45.9 85.3

132 87.3 71.4 132.6

130 96.3 72.1 133.9



#35

Methylcyclohexane

Concen: 4.203 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

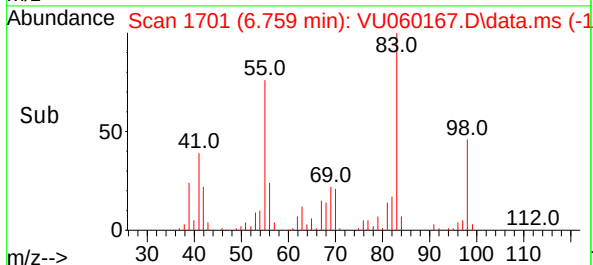
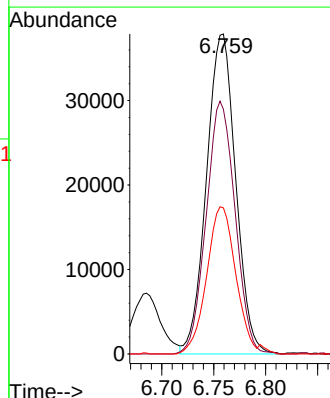
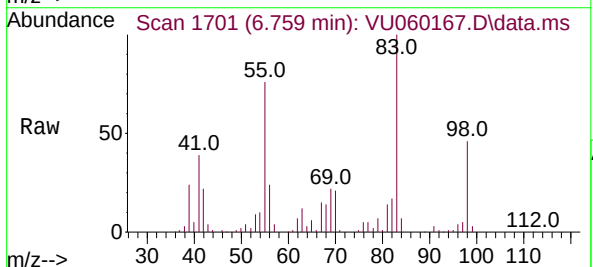
Tgt Ion: 83 Resp: 74067

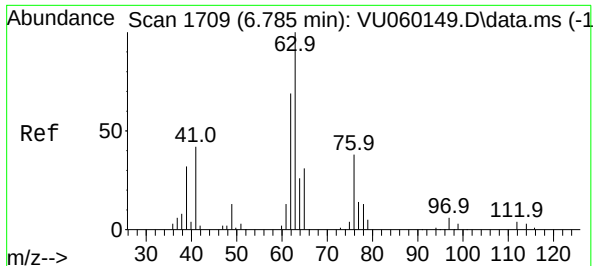
Ion Ratio Lower Upper

83 100

55 78.1 56.7 85.1

98 45.5 36.6 55.0

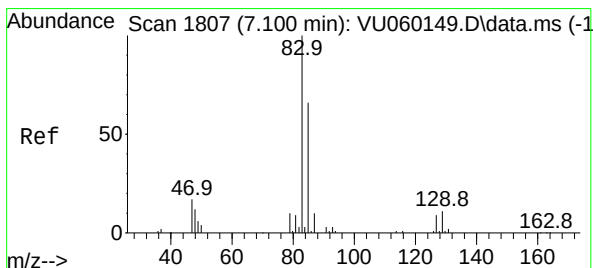
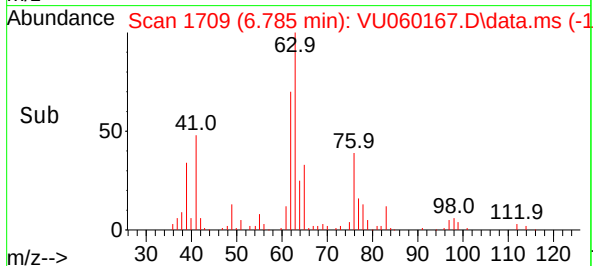
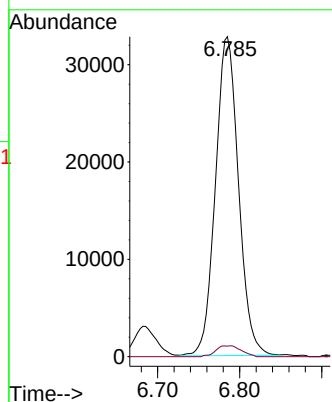
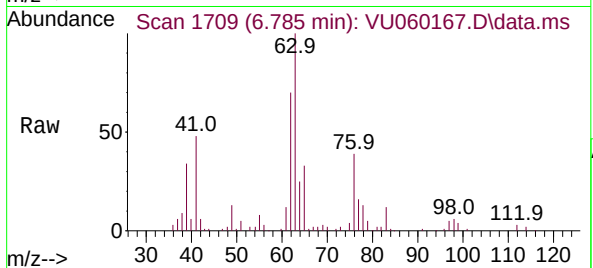




#37
1,2-Dichloropropane
Concen: 4.674 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

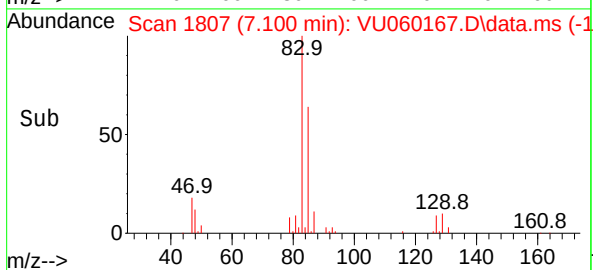
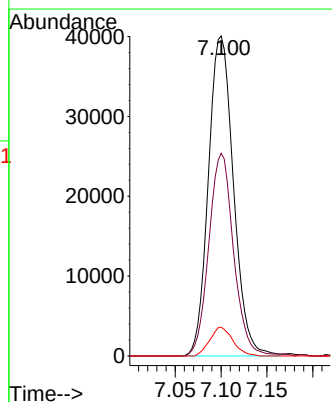
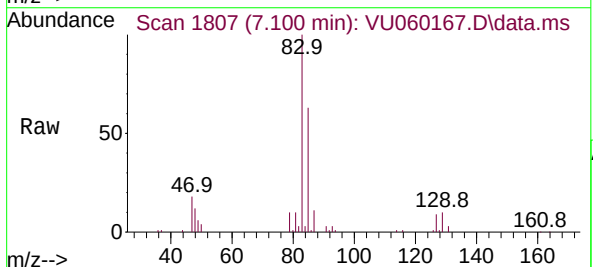
Instrument :
MSVOA_U
ClientSampleId :

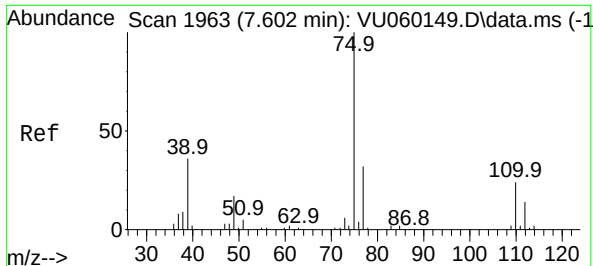
Tgt Ion: 63 Resp: 63990
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 4.451 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion: 83 Resp: 76356
Ion Ratio Lower Upper
83 100
85 63.4 43.5 80.7
127 9.0 7.1 10.7

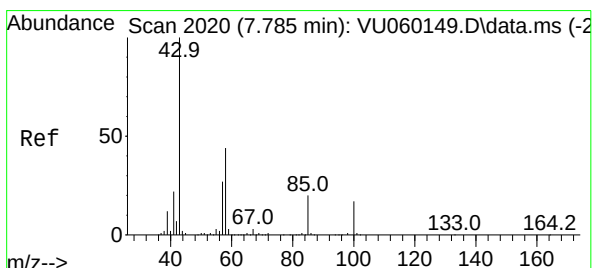
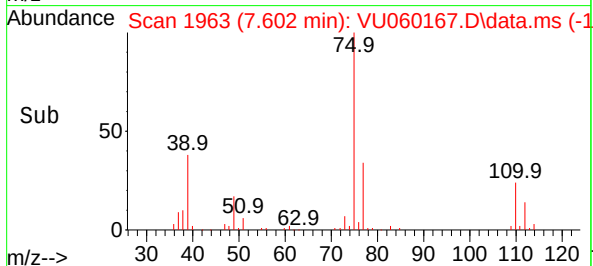
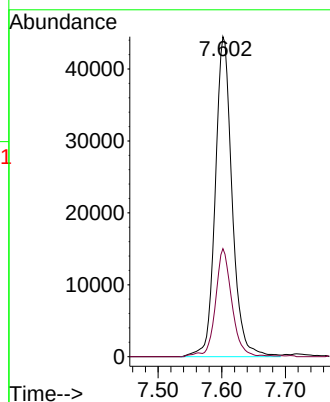
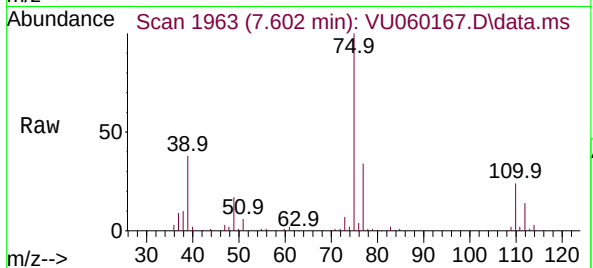




#39
 cis-1,3-Dichloropropene
 Concen: 4.570 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060167.D
 Acq: 24 Jul 2024 20:38

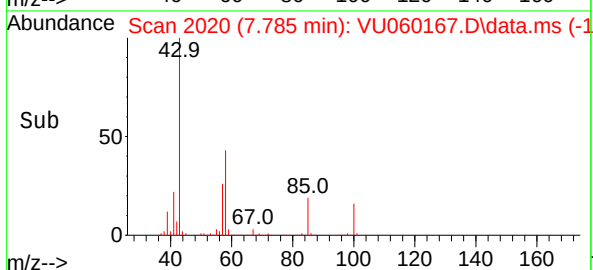
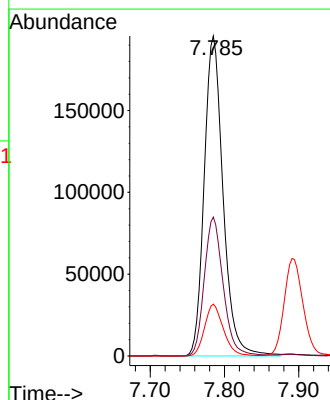
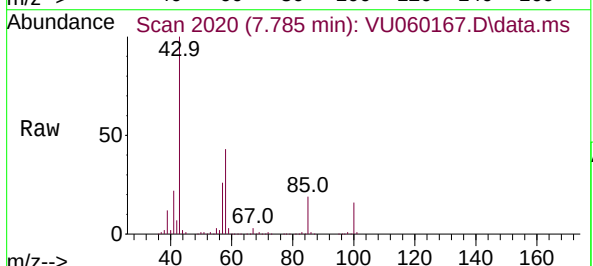
Instrument :
 MSVOA_U
 ClientSampleId :

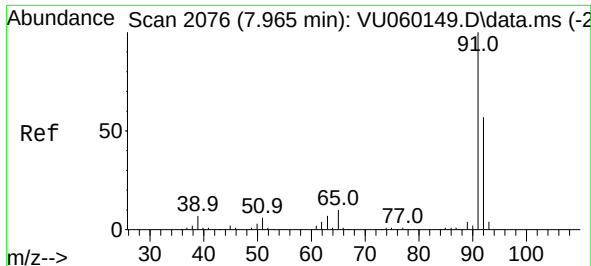
Tgt Ion: 75 Resp: 81767
 Ion Ratio Lower Upper
 75 100
 77 33.7 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 56.965 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060167.D
 Acq: 24 Jul 2024 20:38

Tgt Ion: 43 Resp: 345144
 Ion Ratio Lower Upper
 43 100
 58 43.5 36.0 54.0
 100 16.1 14.9 22.3





#42

Toluene

Concen: 4.601 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

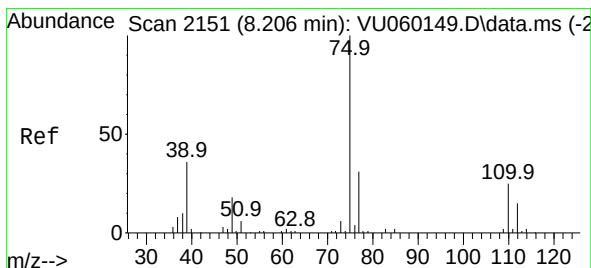
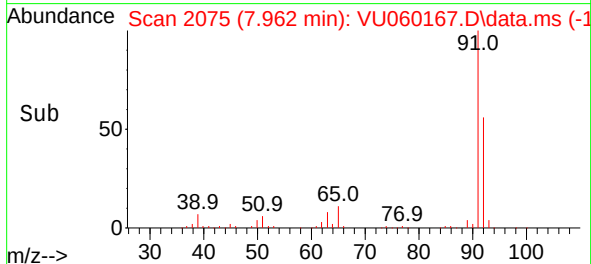
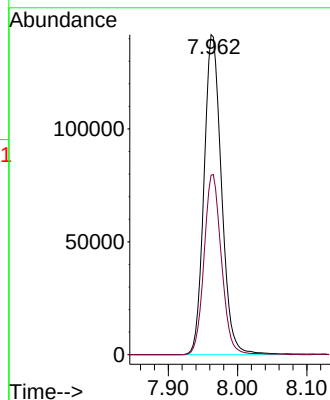
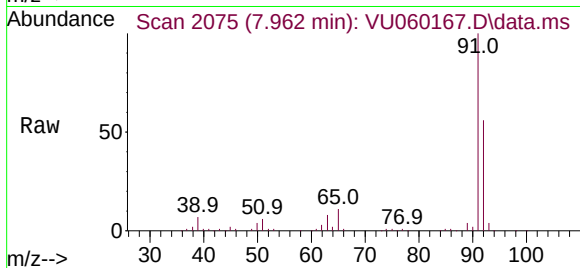
ClientSampleId :

Tgt Ion: 91 Resp: 248171

Ion Ratio Lower Upper

91 100

92 56.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.722 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060167.D

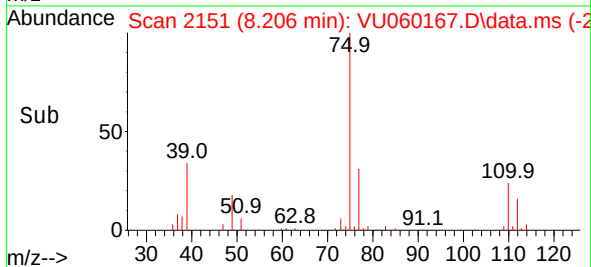
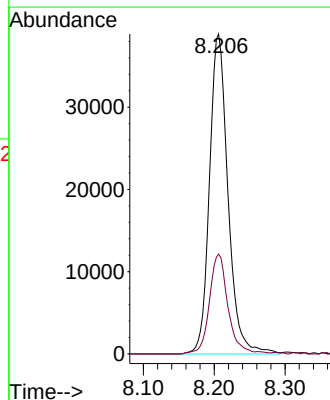
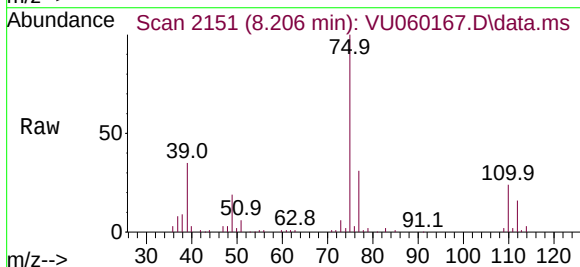
Acq: 24 Jul 2024 20:38

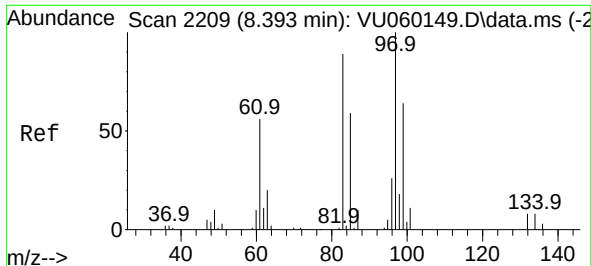
Tgt Ion: 75 Resp: 70584

Ion Ratio Lower Upper

75 100

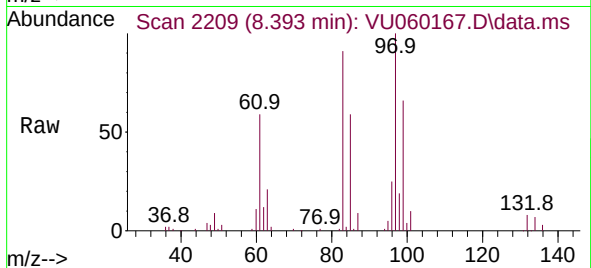
77 31.2 22.6 42.0



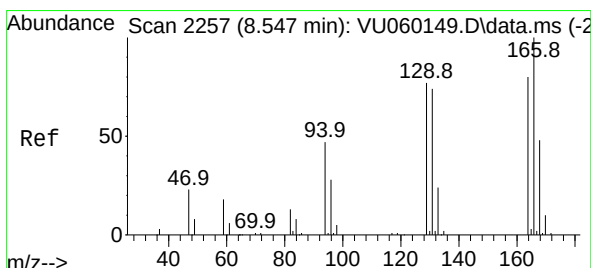
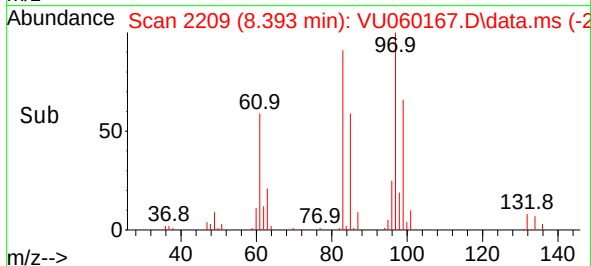
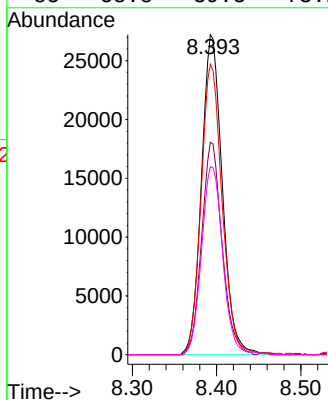


#45
1,1,2-Trichloroethane
Concen: 4.476 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Instrument :
MSVOA_U
ClientSampleId :

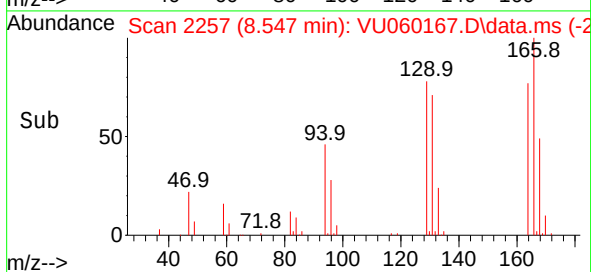
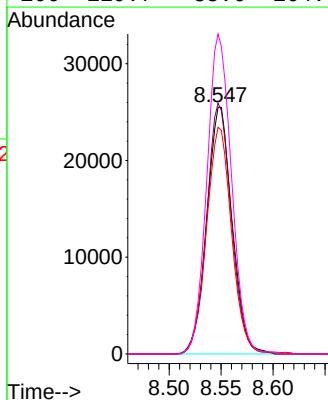
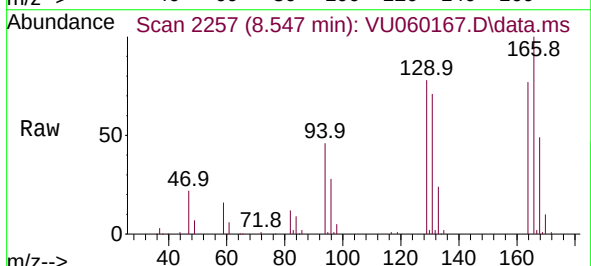


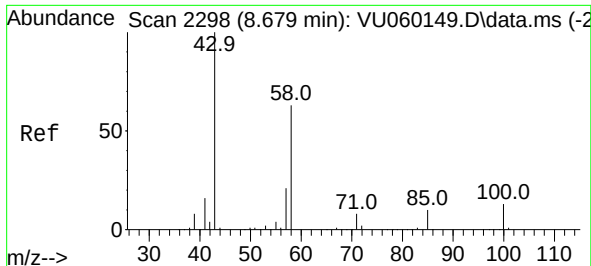
Tgt Ion:	97	Resp:	46833
Ion	Ratio	Lower	Upper
97	100		
99	66.4	43.8	81.4
83	90.8	62.1	115.3
85	58.8	39.3	73.1



#47
Tetrachloroethene
Concen: 3.894 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion:	164	Resp:	43284
Ion	Ratio	Lower	Upper
164	100		
129	101.6	64.6	120.0
131	91.9	61.2	113.8
166	129.7	88.6	164.6





#48

2-Hexanone

Concen: 58.615 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

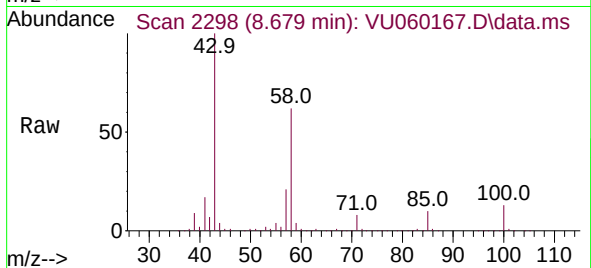
Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 260030

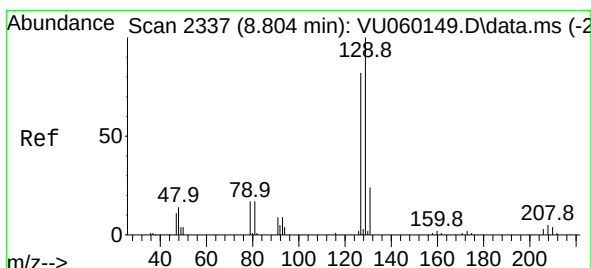
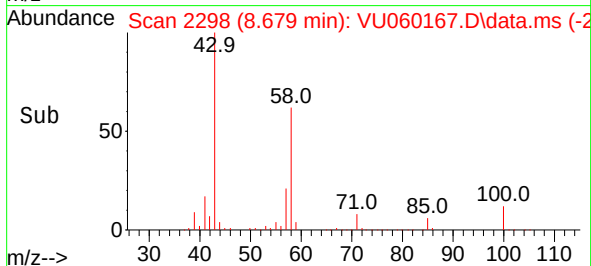
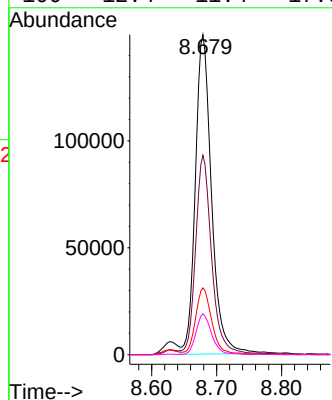
Ion Ratio Lower Upper

43 100

58 61.5 52.6 78.8

57 20.6 17.8 26.8

100 12.4 11.4 17.0



#49

Dibromochloromethane

Concen: 4.421 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060167.D

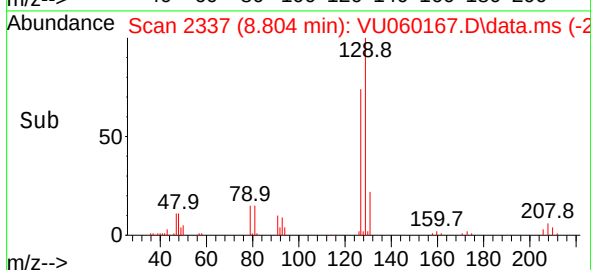
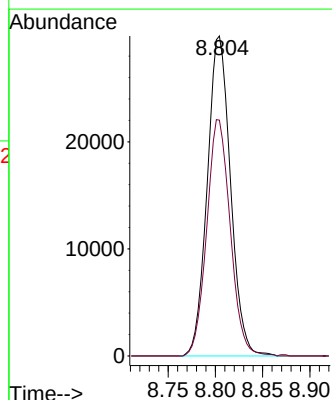
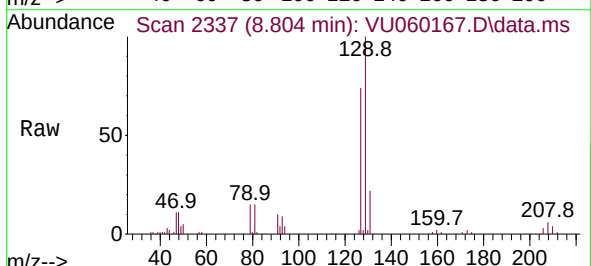
Acq: 24 Jul 2024 20:38

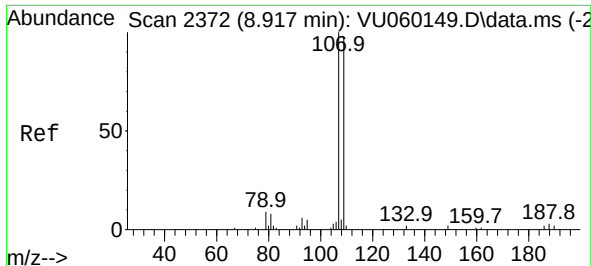
Tgt Ion: 129 Resp: 51167

Ion Ratio Lower Upper

129 100

127 73.7 54.6 101.4

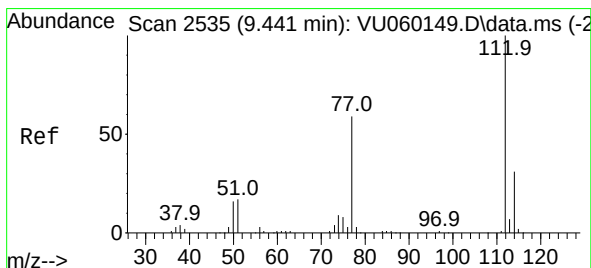
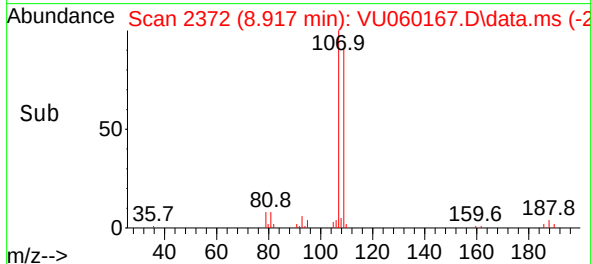
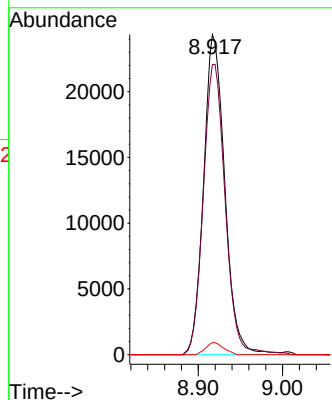
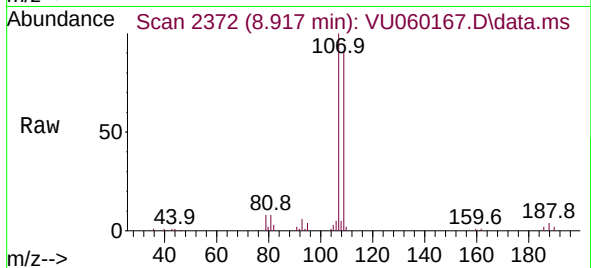




#50
1,2-Dibromoethane
Concen: 4.503 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

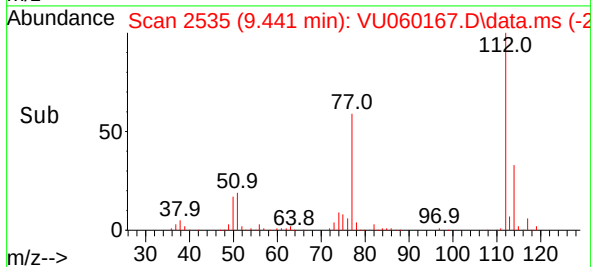
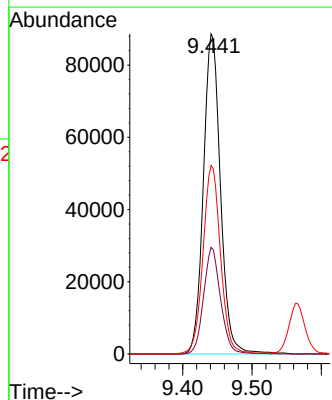
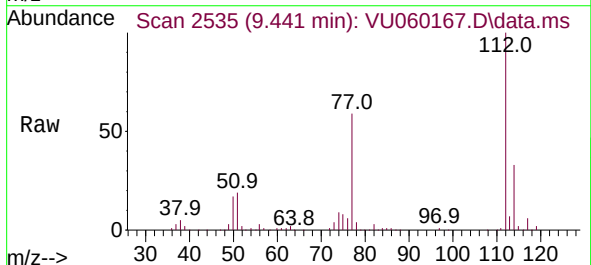
Instrument :
MSVOA_U
ClientSampleId :

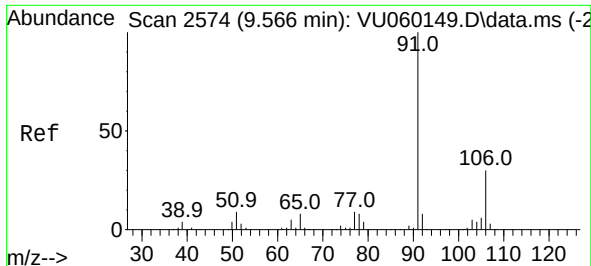
Tgt Ion:107 Resp: 42597
Ion Ratio Lower Upper
107 100
109 90.6 64.0 118.8
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 4.305 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion:112 Resp: 151696
Ion Ratio Lower Upper
112 100
114 33.3 22.1 41.1
77 58.9 44.7 67.1





#52

Ethylbenzene

Concen: 4.531 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

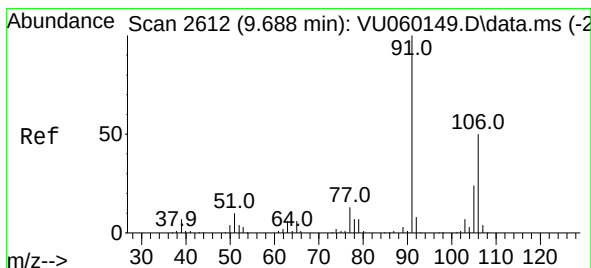
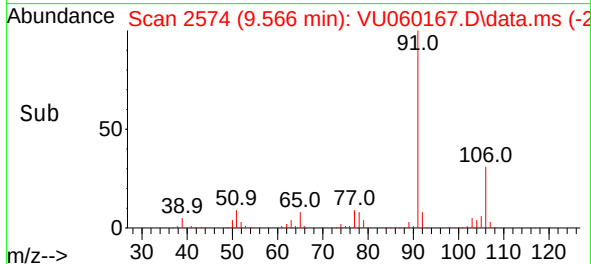
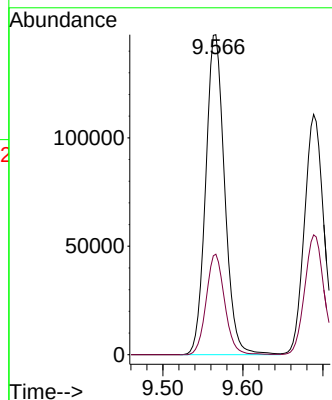
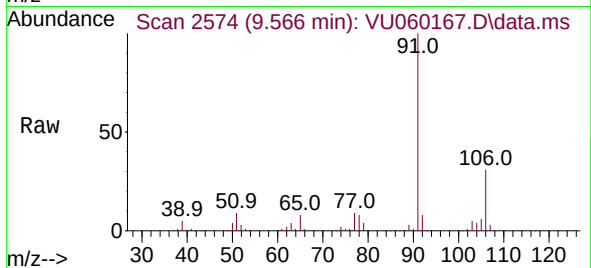
ClientSampleId :

Tgt Ion: 91 Resp: 243743

Ion Ratio Lower Upper

91 100

106 31.4 21.9 40.7



#53

m,p-Xylene

Concen: 4.555 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060167.D

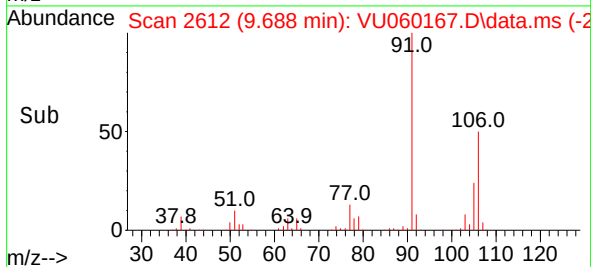
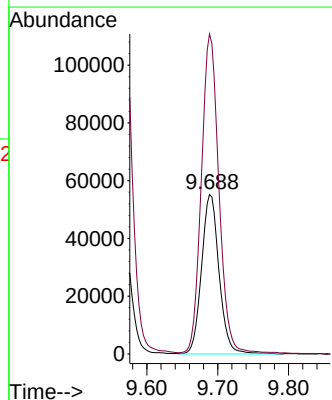
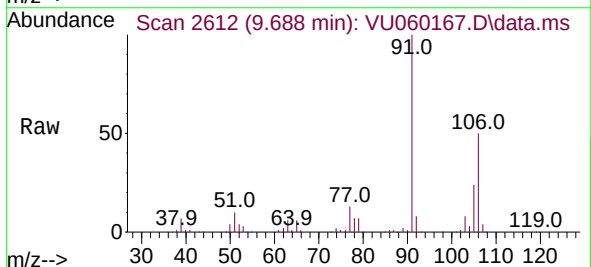
Acq: 24 Jul 2024 20:38

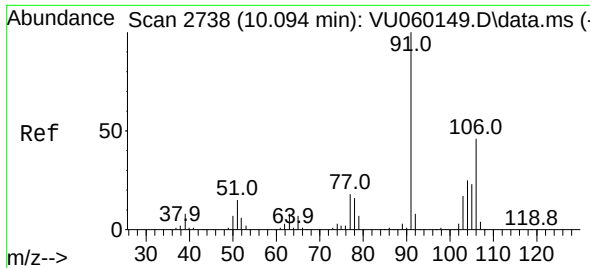
Tgt Ion:106 Resp: 94653

Ion Ratio Lower Upper

106 100

91 200.5 141.3 262.5

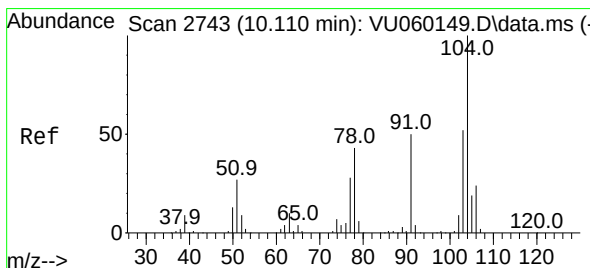
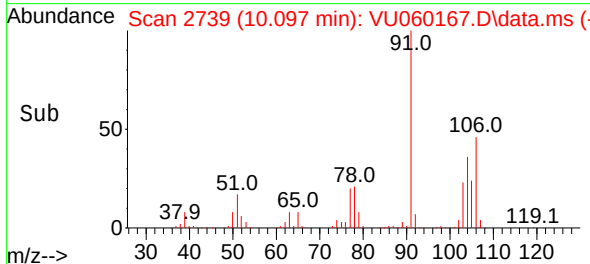
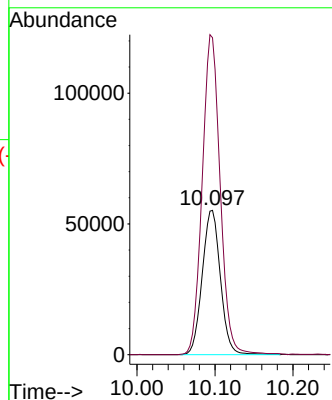
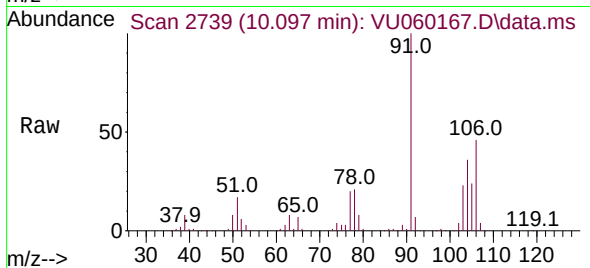




#54
o-Xylene
Concen: 4.503 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

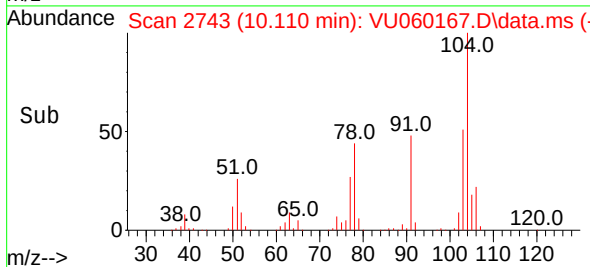
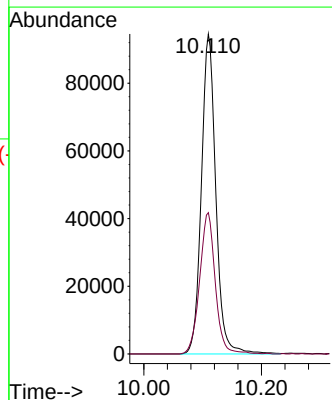
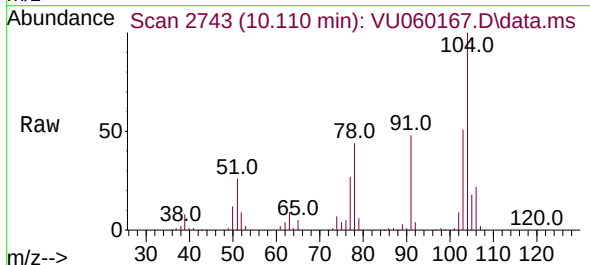
Instrument :
MSVOA_U
ClientSampleId :

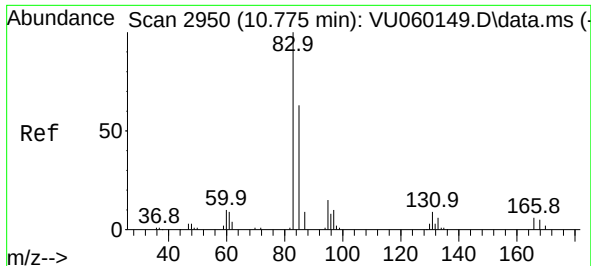
Tgt Ion:106 Resp: 89481
Ion Ratio Lower Upper
106 100
91 219.5 143.6 266.6



#55
Styrene
Concen: 4.759 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion:104 Resp: 160958
Ion Ratio Lower Upper
104 100
78 44.1 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.739 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :

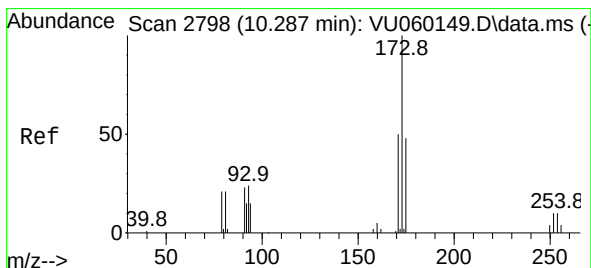
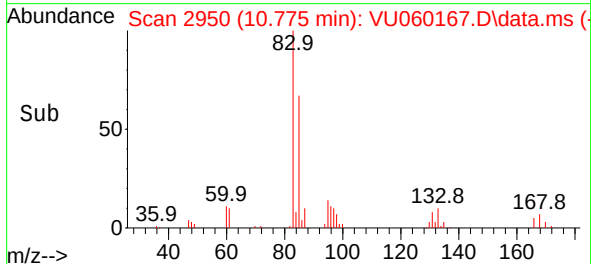
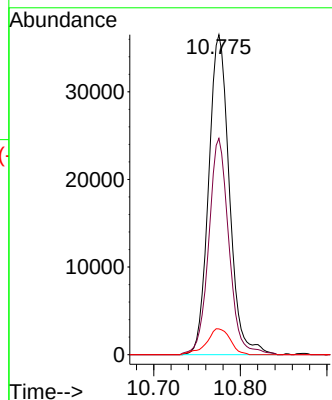
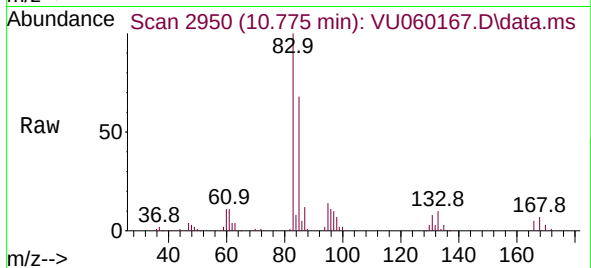
Tgt Ion: 83 Resp: 60663

Ion Ratio Lower Upper

83 100

85 67.6 46.8 87.0

131 8.1 7.8 11.6



#59

Bromoform

Concen: 4.270 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

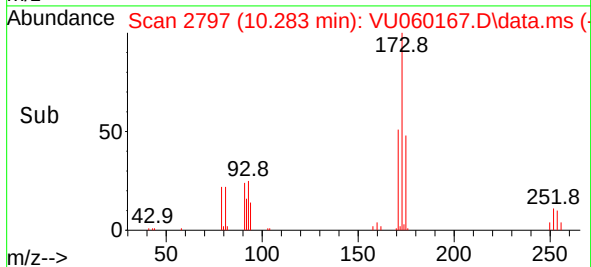
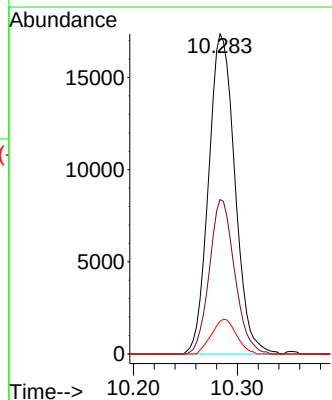
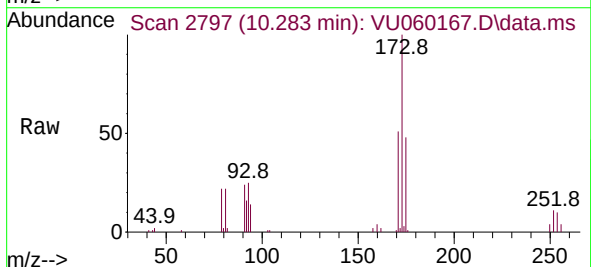
Tgt Ion:173 Resp: 30515

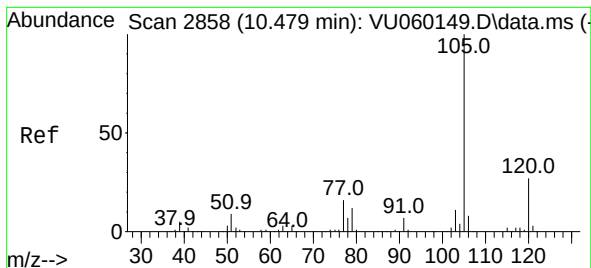
Ion Ratio Lower Upper

173 100

175 46.4 38.7 58.1

254 10.2 9.0 13.4





#60

Isopropylbenzene

Concen: 4.636 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :

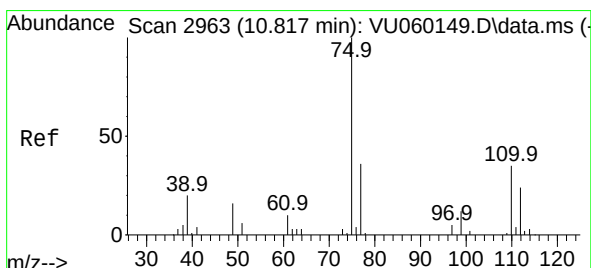
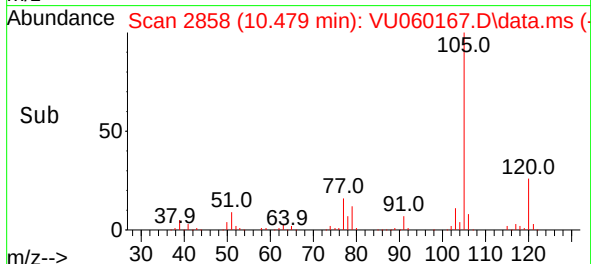
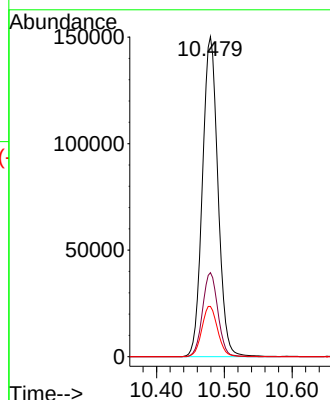
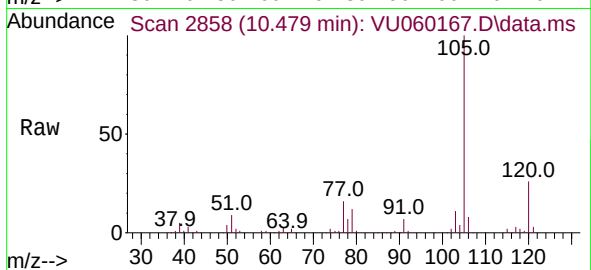
Tgt Ion:105 Resp: 238482

Ion Ratio Lower Upper

105 100

120 26.0 21.9 32.9

77 16.1 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 4.991 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

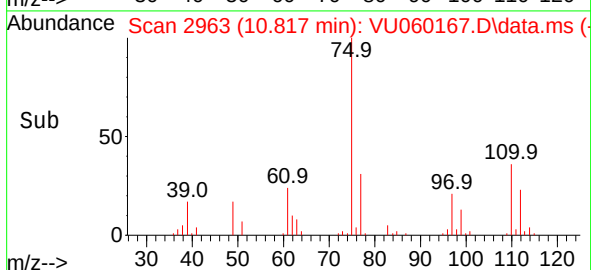
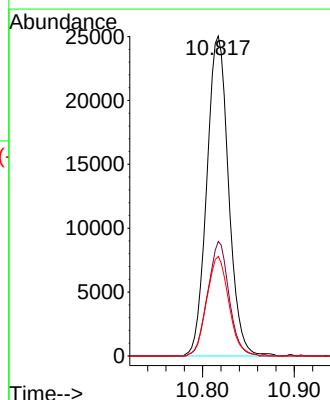
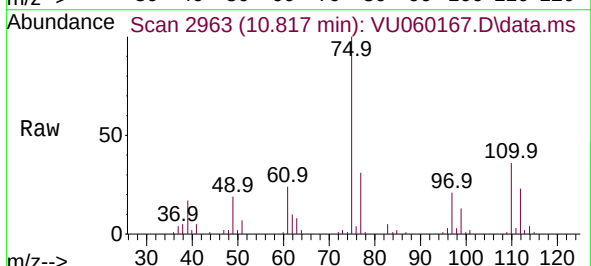
Tgt Ion: 75 Resp: 41381

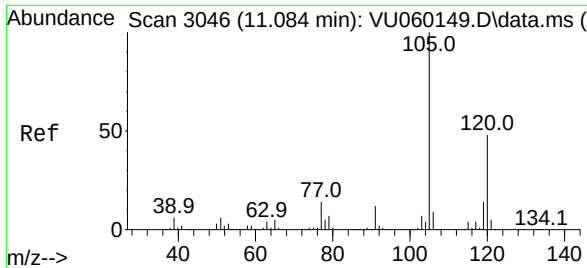
Ion Ratio Lower Upper

75 100

110 35.0 30.8 46.2

77 31.6 26.2 39.2

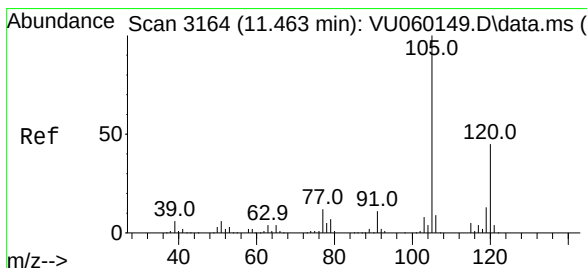
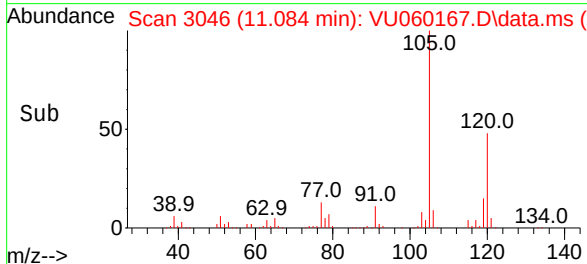
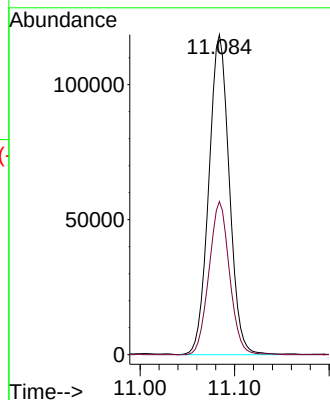
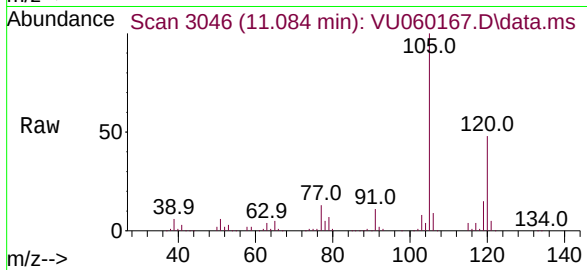




#62
1,3,5-Trimethylbenzene
Concen: 4.540 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

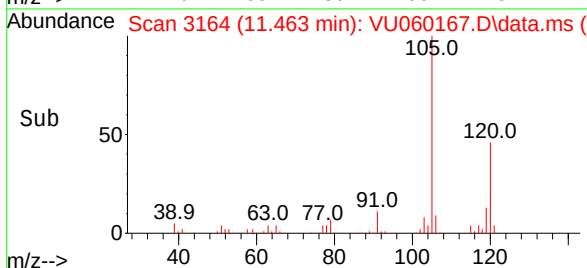
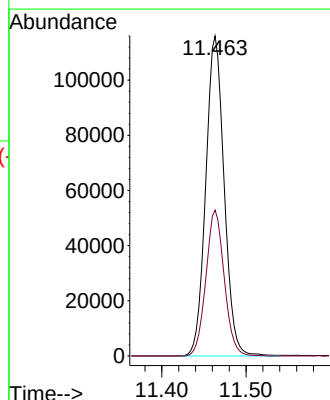
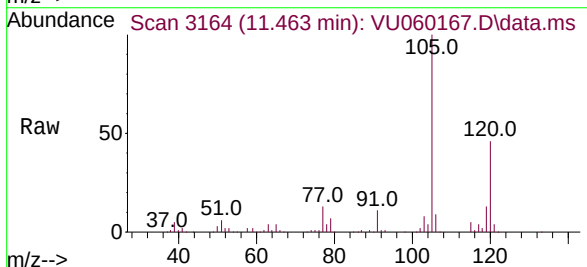
Instrument :
MSVOA_U
ClientSampleId :

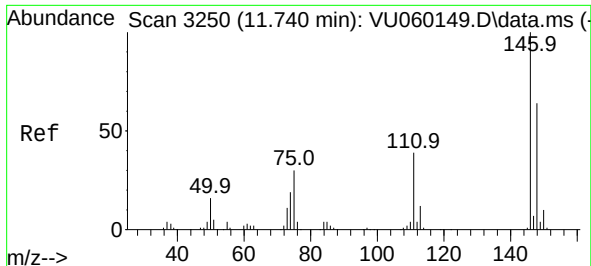
Tgt Ion:105 Resp: 178432
Ion Ratio Lower Upper
105 100
120 48.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 4.647 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion:105 Resp: 176465
Ion Ratio Lower Upper
105 100
120 45.4 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 4.374 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :

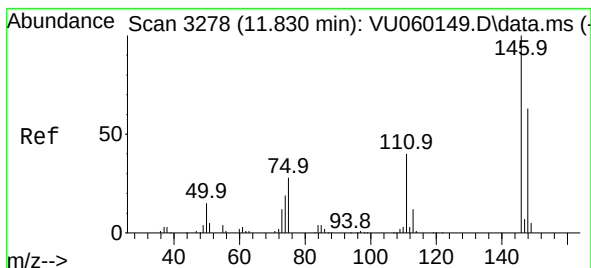
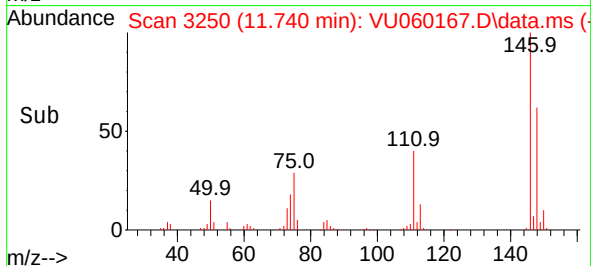
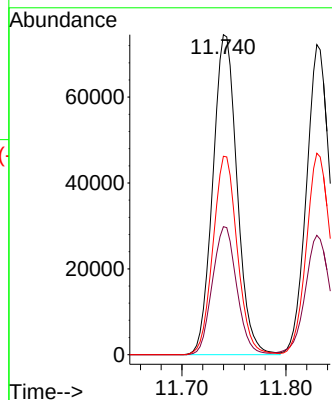
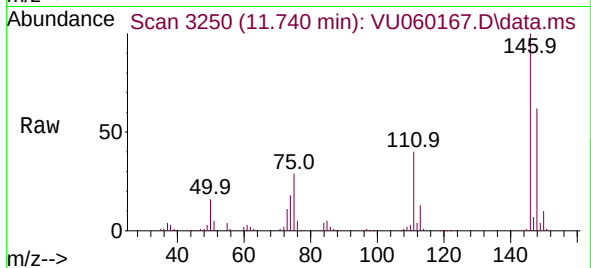
Tgt Ion:146 Resp: 121066

Ion Ratio Lower Upper

146 100

111 40.0 27.2 50.4

148 62.0 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.134 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

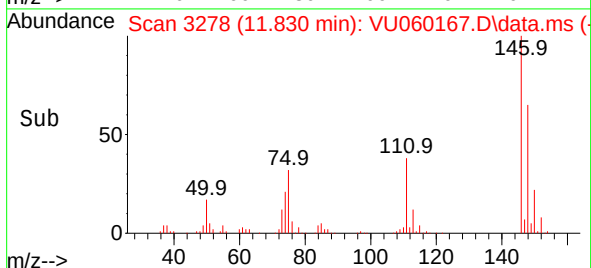
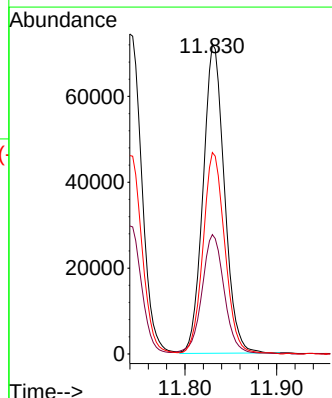
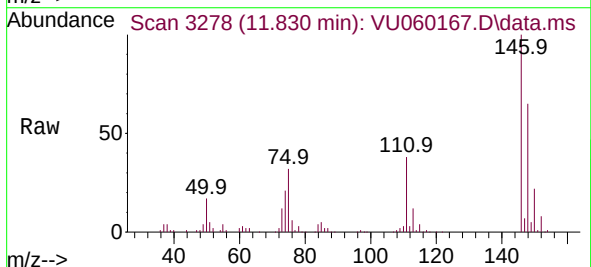
Tgt Ion:146 Resp: 116472

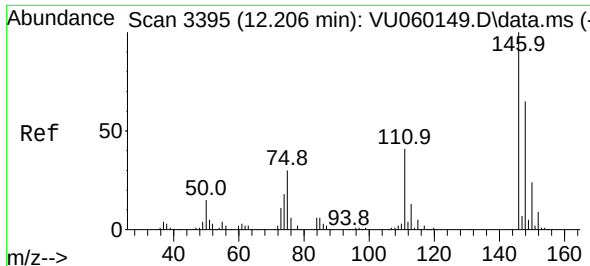
Ion Ratio Lower Upper

146 100

111 38.5 26.5 49.1

148 65.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.264 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :

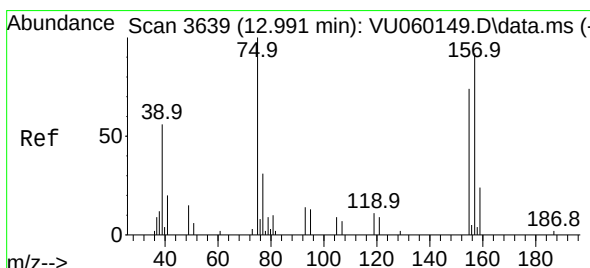
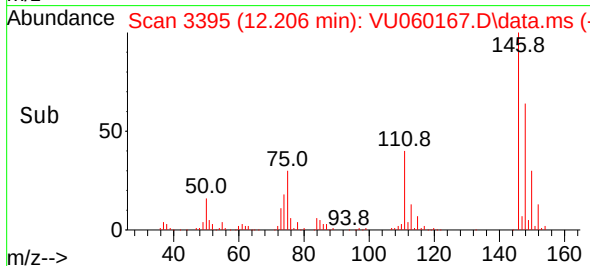
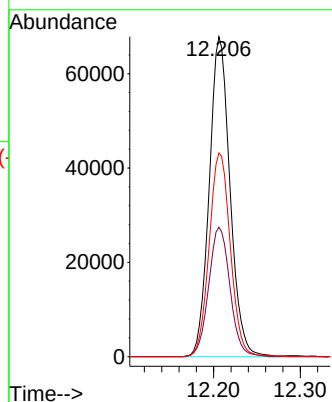
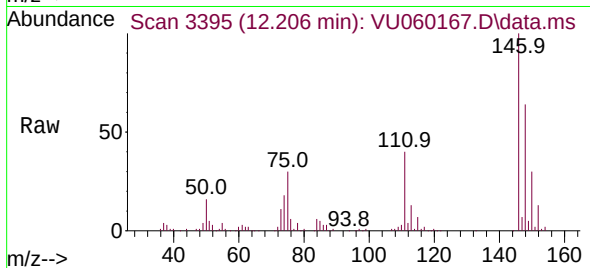
Tgt Ion:146 Resp: 112957

Ion Ratio Lower Upper

146 100

111 40.5 30.9 46.3

148 63.7 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.234 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

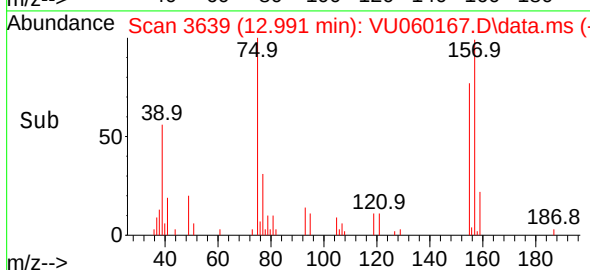
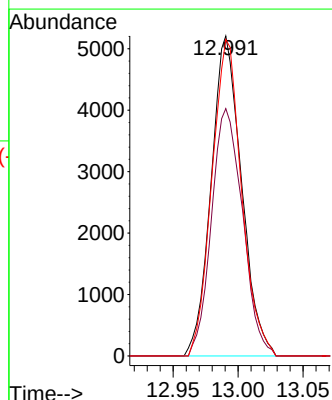
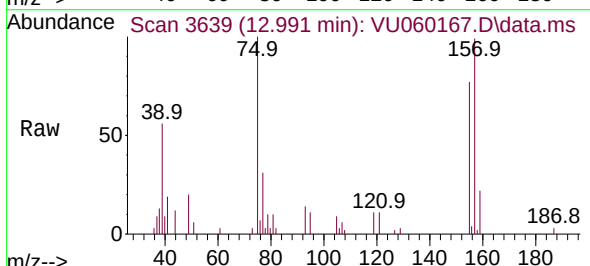
Tgt Ion: 75 Resp: 8458

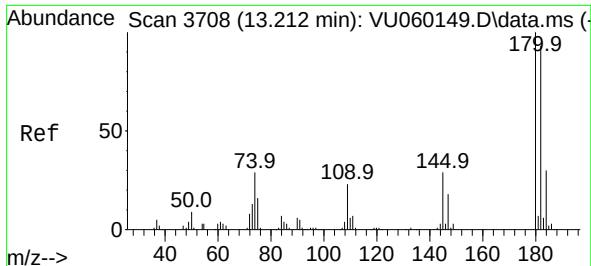
Ion Ratio Lower Upper

75 100

155 77.3 70.6 105.8

157 98.9 99.4 149.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.021 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

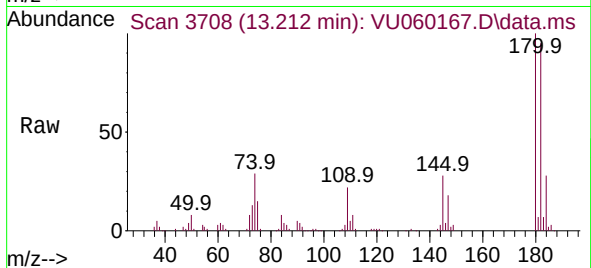
Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 83986

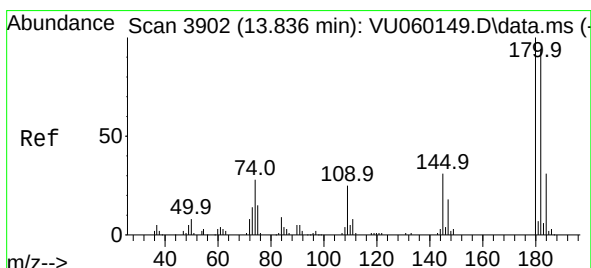
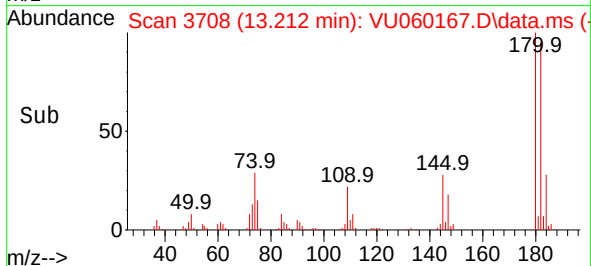
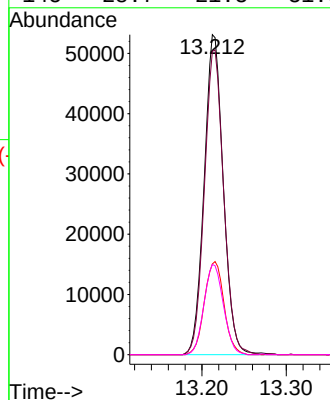
Ion Ratio Lower Upper

180 100

182 95.7 74.6 111.8

184 29.8 23.1 34.7

145 28.7 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.048 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060167.D

Acq: 24 Jul 2024 20:38

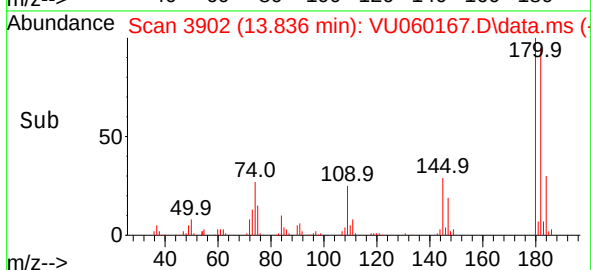
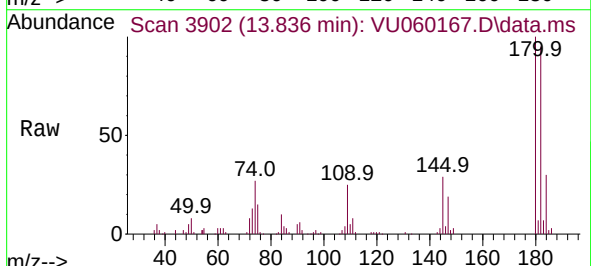
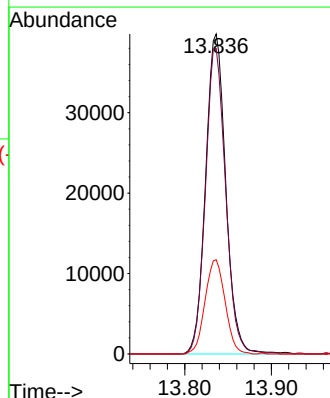
Tgt Ion:180 Resp: 64362

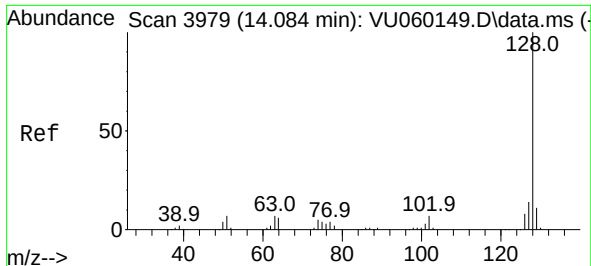
Ion Ratio Lower Upper

180 100

182 95.1 77.2 115.8

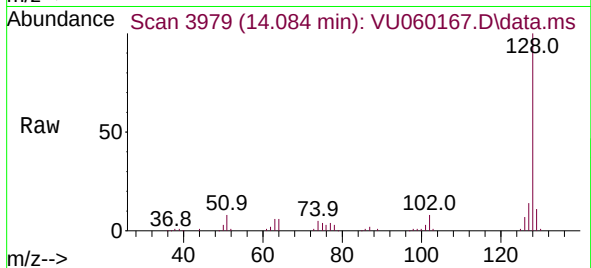
145 29.2 23.0 34.4



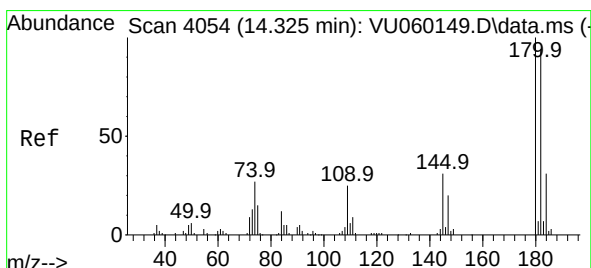
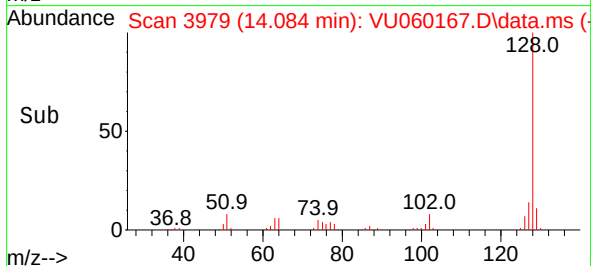
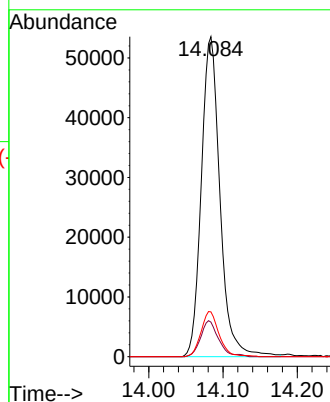


#71
Naphthalene
Concen: 4.153 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 93552
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.7 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.170 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060167.D
Acq: 24 Jul 2024 20:38

Tgt Ion:180 Resp: 59627
Ion Ratio Lower Upper
180 100
182 97.3 76.3 114.5
145 31.5 23.9 35.9

