

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092724\
 Data File : VU061027.D
 Acq On : 27 Sep 2024 09:22
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 28 04:02:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52684	3.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	47652	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.560	65	19521	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.631	46	124875	57.134	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.260%
24) Chloroform-d	5.052	84	103040	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	49091	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.717	84	186732	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	64473	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.891	98	168473	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	20666	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	103780	56.337	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55516	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	57417	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52301	4.577	ug/L	97
3) Chloromethane	1.518	50	63770	5.283	ug/L	99
5) Vinyl chloride	1.599	62	68973	5.280	ug/L	100
6) Bromomethane	1.853	94	35683	4.274	ug/L	97
8) Chloroethane	1.930	64	45150	5.657	ug/L	99
9) Trichlorofluoromethane	2.132	101	91587	5.104	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52893	5.073	ug/L	97
12) 1,1-Dichloroethene	2.573	96	47372	4.975	ug/L	89
13) Acetone	2.653	43	75080	51.490	ug/L	91
14) Carbon disulfide	2.785	76	121714	4.608	ug/L	100
15) Methyl Acetate	2.956	43	19248	5.414	ug/L	98
16) Methylene chloride	3.039	84	57292	5.196	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	108268	5.031	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	47378	4.802	ug/L	98
19) 1,1-Dichloroethane	3.859	63	106338	5.368	ug/L	99
21) 2-Butanone	4.711	43	126130	53.137	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	55503	5.083	ug/L	98
23) Bromochloromethane	4.968	128	26074	5.056	ug/L	96
25) Chloroform	5.078	83	110174	5.334	ug/L	96

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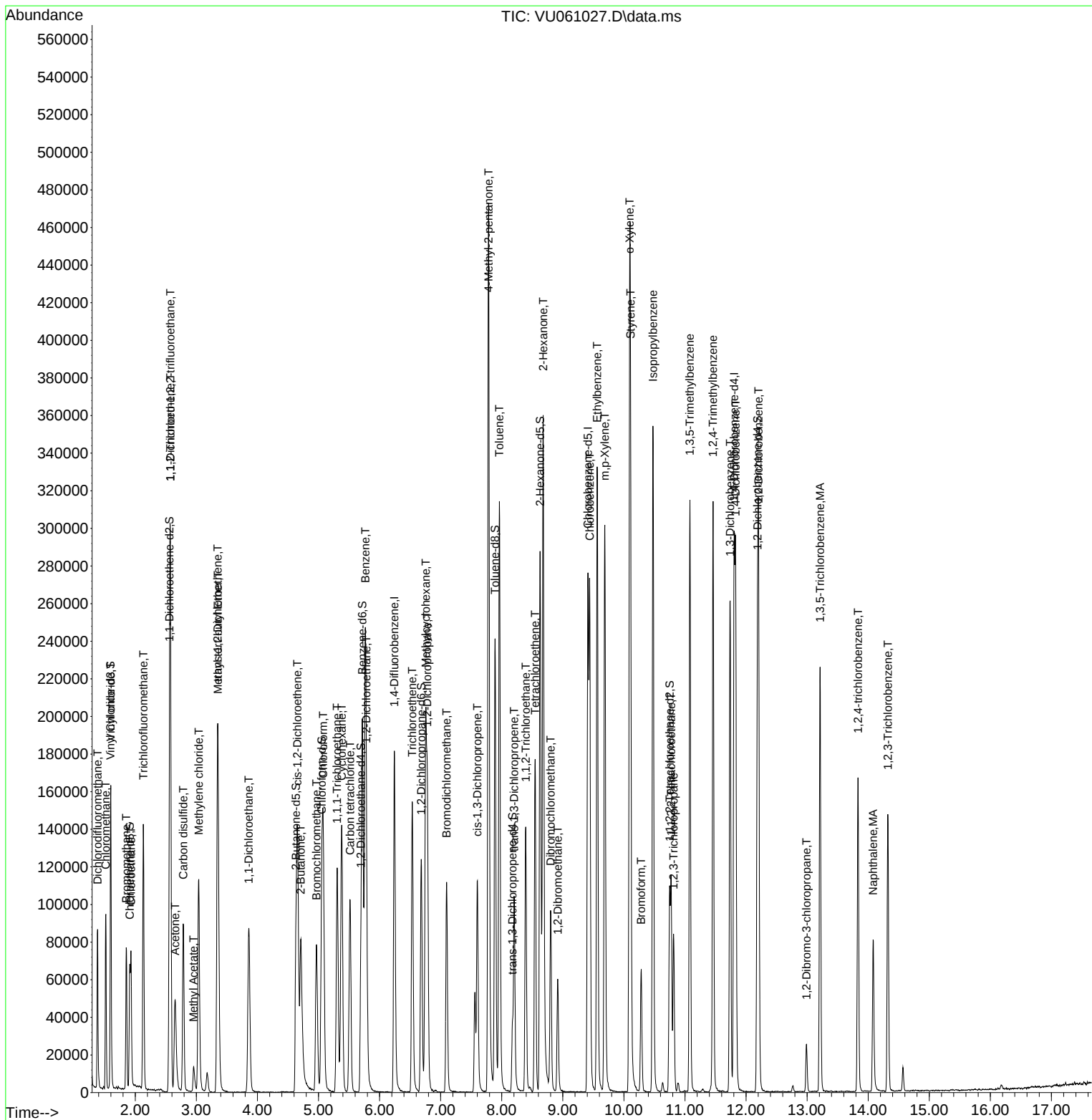
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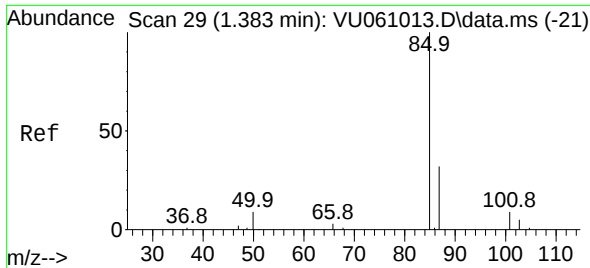
Quant Time: Sep 28 04:02:43 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	63197	5.280	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	86325	5.111	ug/L	98
30) Cyclohexane	5.380	56	64883	4.674	ug/L	98
31) Carbon tetrachloride	5.518	117	76075	5.087	ug/L	98
33) Benzene	5.766	78	226644	5.269	ug/L	100
34) Trichloroethene	6.534	95	57609	5.109	ug/L	97
35) Methylcyclohexane	6.756	83	67053	4.334	ug/L	97
37) 1,2-Dichloropropane	6.782	63	65679	5.541	ug/L #	97
38) Bromodichloromethane	7.097	83	77104	5.303	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	75406	4.783	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	309054	55.835	ug/L	99
42) Toluene	7.962	91	242761	5.397	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	63090	4.867	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46837	5.473	ug/L	97
47) Tetrachloroethene	8.547	164	41632	4.646	ug/L	97
48) 2-Hexanone	8.679	43	222948	55.259	ug/L	96
49) Dibromochloromethane	8.801	129	49529	5.084	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40396	5.290	ug/L #	97
51) Chlorobenzene	9.441	112	147523	4.885	ug/L	96
52) Ethylbenzene	9.563	91	236035	4.985	ug/L	99
53) m,p-Xylene	9.688	106	89434	4.982	ug/L	96
54) o-Xylene	10.094	106	86729	4.895	ug/L	95
55) Styrene	10.110	104	153458	5.139	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	58383	5.470	ug/L	96
59) Bromoform	10.283	173	29843	5.259	ug/L	98
60) Isopropylbenzene	10.476	105	227852	5.106	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38231	5.443	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	164620	4.746	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	163978	4.785	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	112695	5.022	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	112743	4.861	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	106879	5.038	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7702	5.616	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	73643	4.387	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	53417	4.518	ug/L	99
71) Naphthalene	14.080	128	70412	4.515	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	47565	4.656	ug/L	97

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

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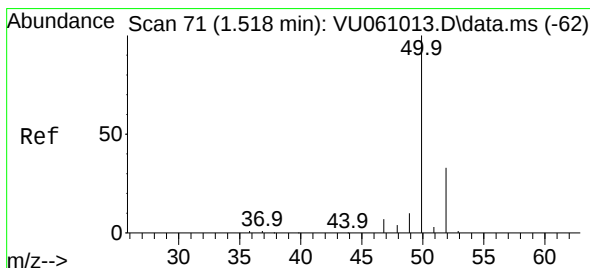
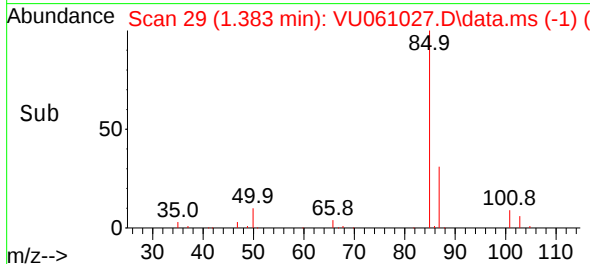
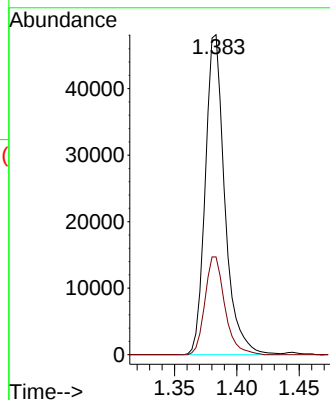
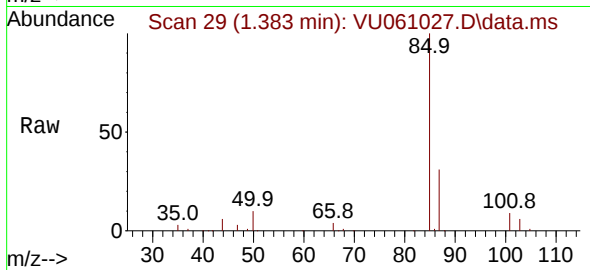




#2
 Dichlorodifluoromethane
 Concen: 4.577 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061027.D
 Acq: 27 Sep 2024 09:22

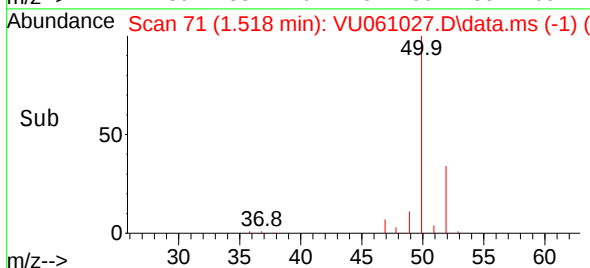
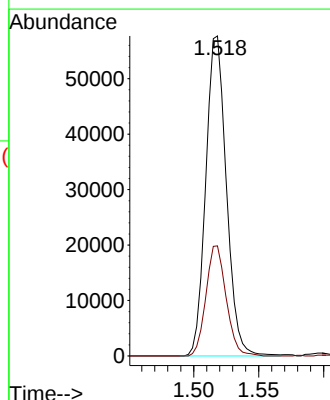
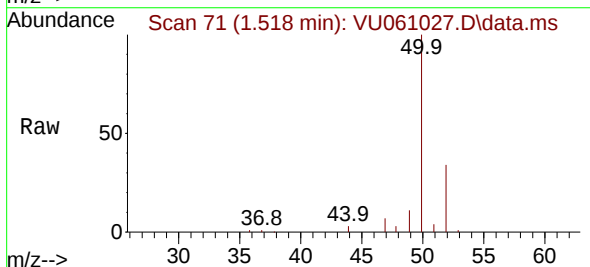
Instrument :
 MSVOA_U
 ClientSampleId :

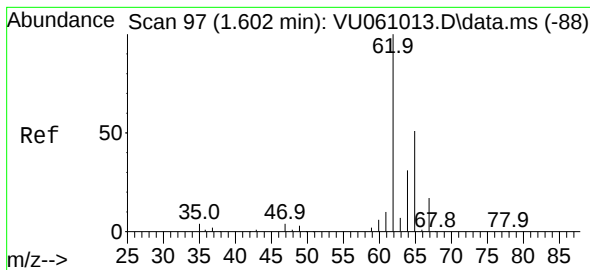
Tgt Ion: 85 Resp: 52301
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.2 39.2



#3
 Chloromethane
 Concen: 5.283 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061027.D
 Acq: 27 Sep 2024 09:22

Tgt Ion: 50 Resp: 63770
 Ion Ratio Lower Upper
 50 100
 52 34.4 24.4 45.4





#5

Vinyl chloride

Concen: 5.280 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

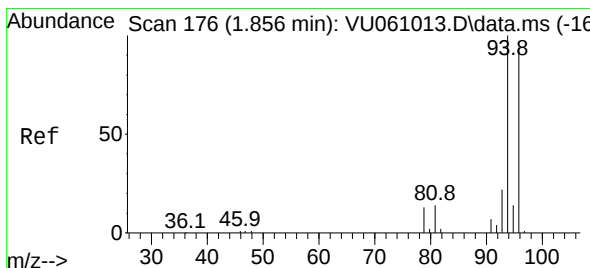
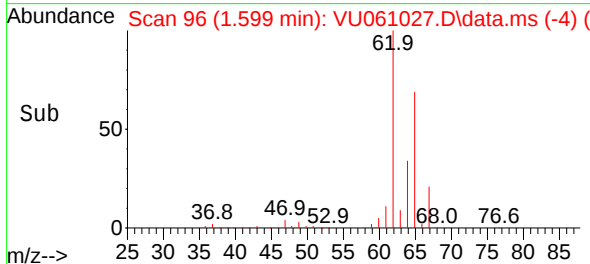
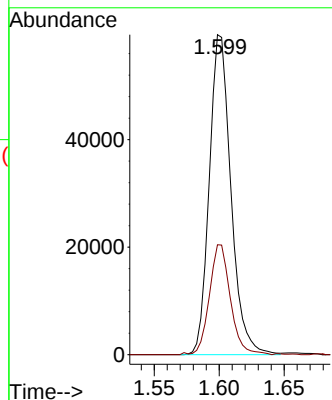
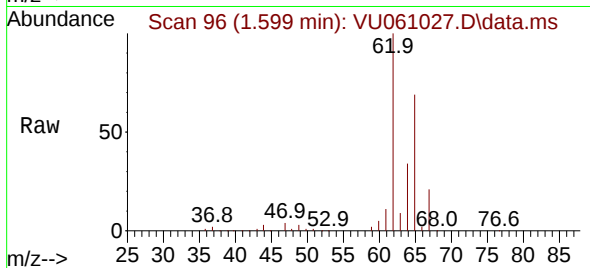
ClientSampleId :

Tgt Ion: 62 Resp: 68973

Ion Ratio Lower Upper

62 100

64 34.3 24.0 44.6



#6

Bromomethane

Concen: 4.274 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061027.D

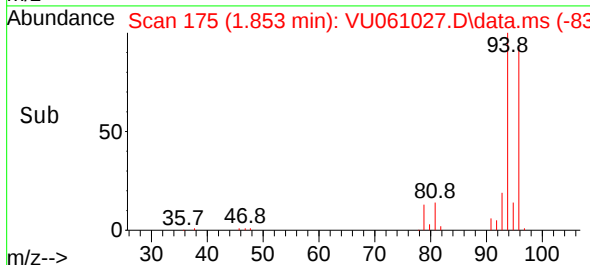
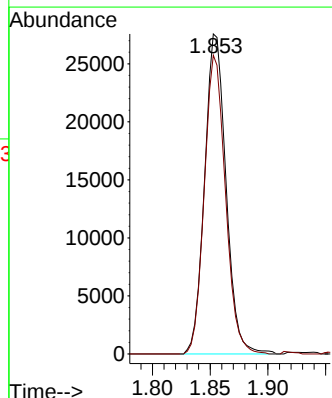
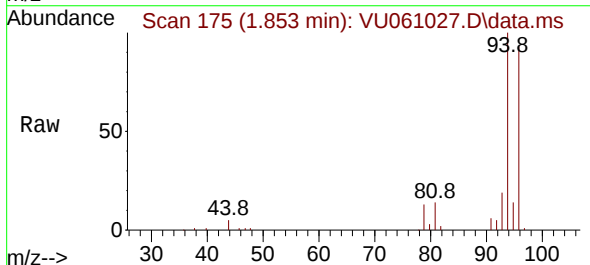
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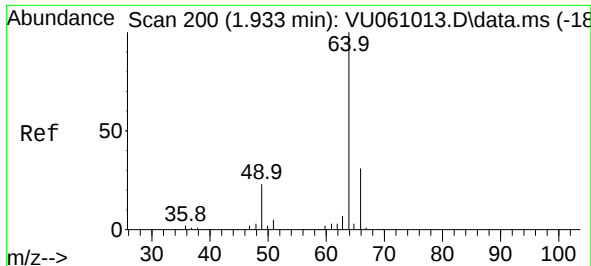
Tgt Ion: 94 Resp: 35683

Ion Ratio Lower Upper

94 100

96 93.4 67.3 124.9

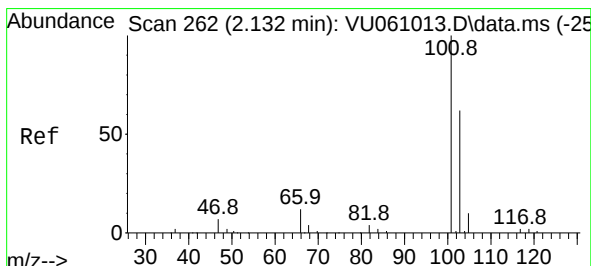
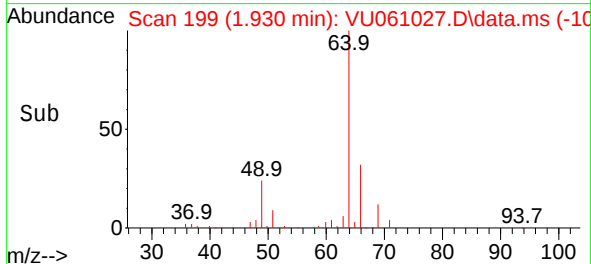
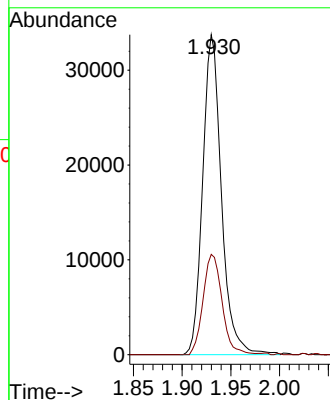
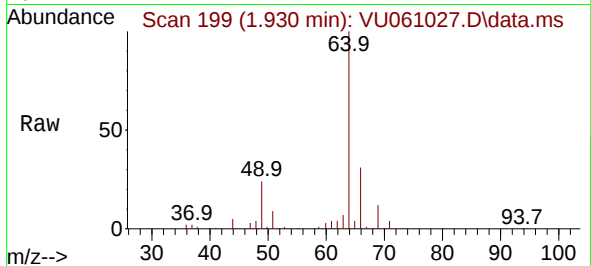




#8
Chloroethane
Concen: 5.657 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

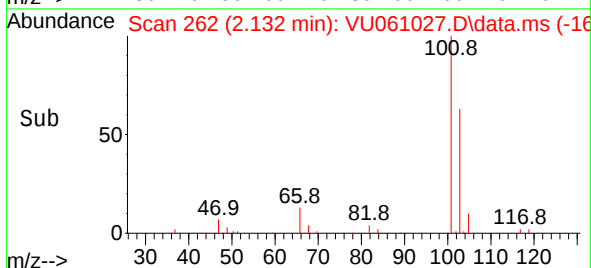
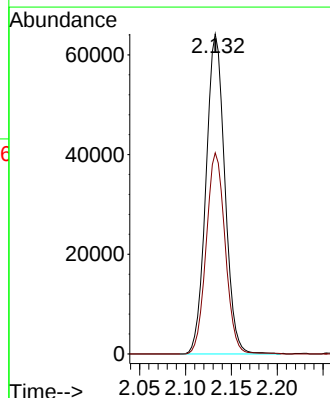
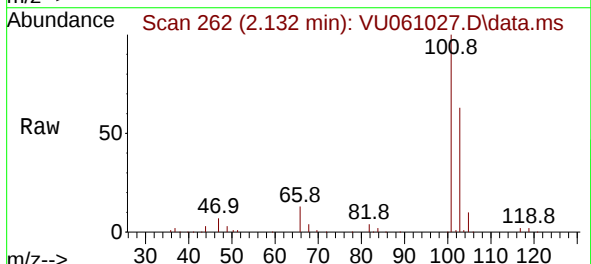
Instrument :
MSVOA_U
ClientSampleId :

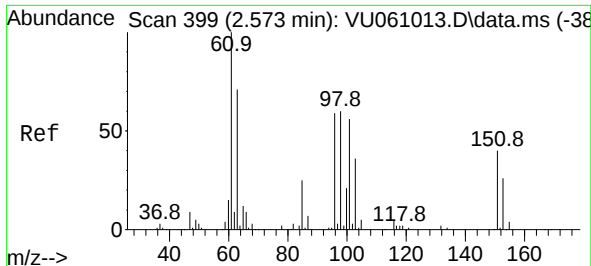
Tgt Ion: 64 Resp: 45150
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.104 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion:101 Resp: 91587
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

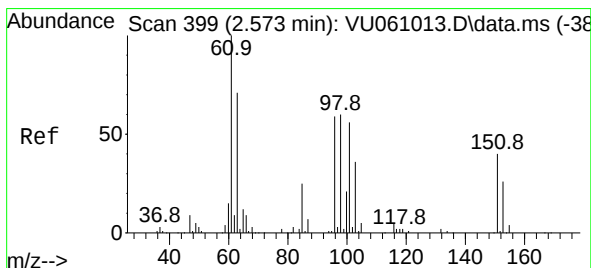
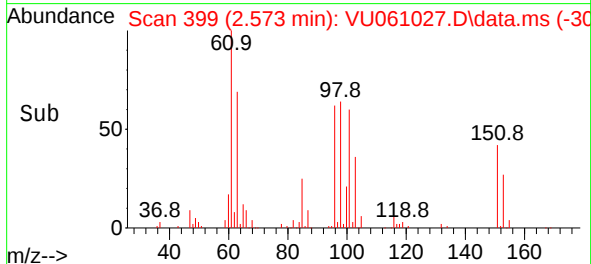
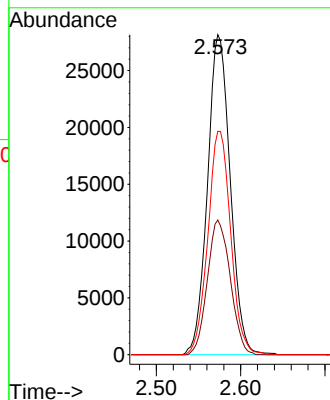
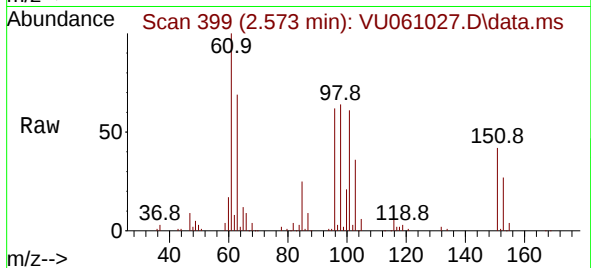




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.073 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061027.D
 Acq: 27 Sep 2024 09:22

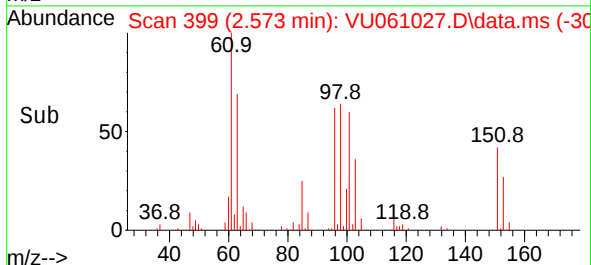
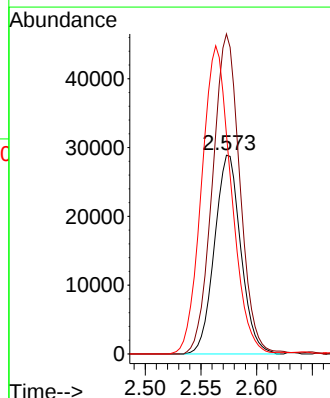
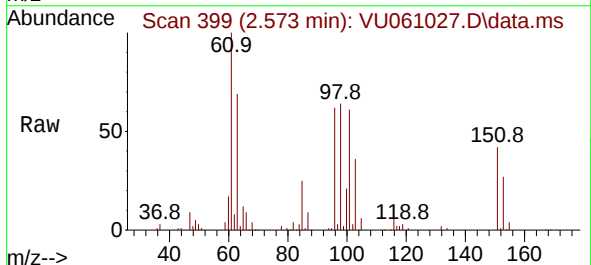
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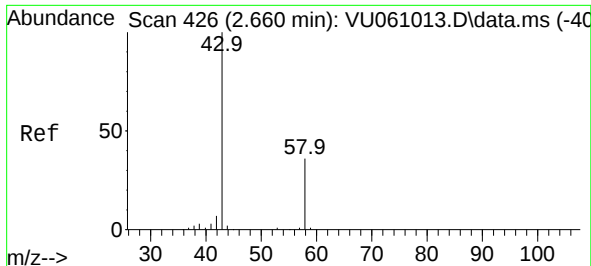
Tgt Ion:101 Resp: 52893
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.2 51.4
 151 69.9 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 4.975 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061027.D
 Acq: 27 Sep 2024 09:22

Tgt Ion: 96 Resp: 47372
 Ion Ratio Lower Upper
 96 100
 61 161.1 120.7 224.1
 63 110.5 90.0 167.2





#13

Acetone

Concen: 51.490 ug/L

RT: 2.653 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

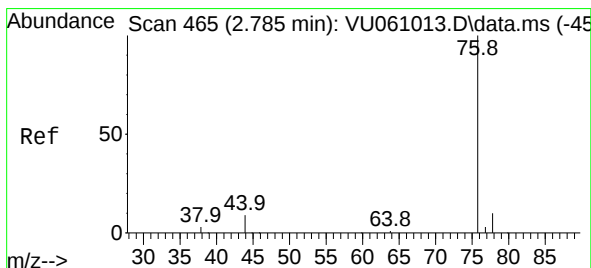
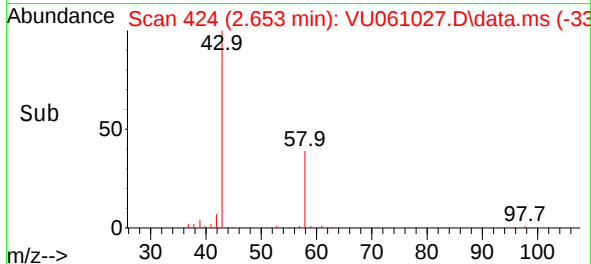
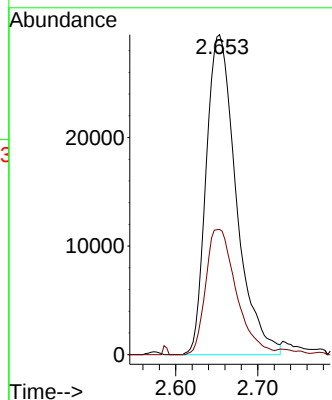
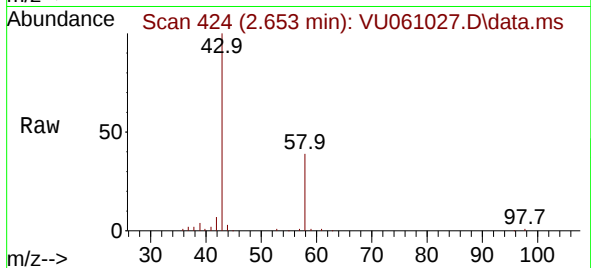
ClientSampleId :

Tgt Ion: 43 Resp: 75080

Ion Ratio Lower Upper

43 100

58 39.8 0.0 69.6



#14

Carbon disulfide

Concen: 4.608 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061027.D

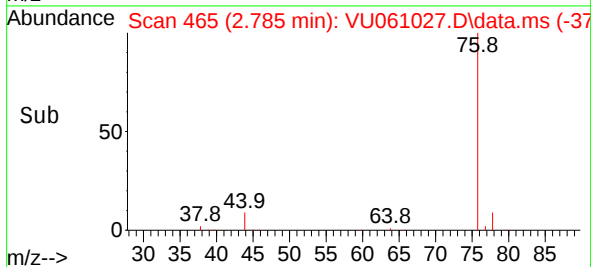
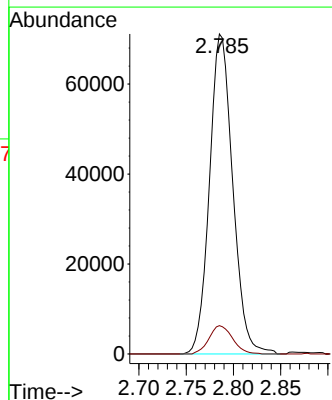
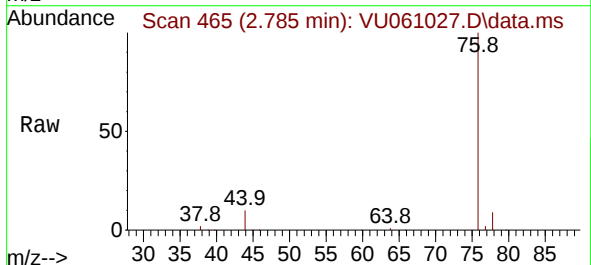
Acq: 27 Sep 2024 09:22

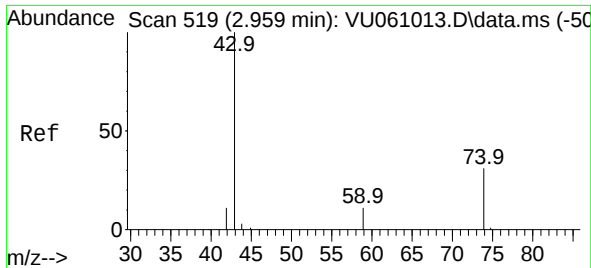
Tgt Ion: 76 Resp: 121714

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 5.414 ug/L

RT: 2.956 min Scan# 519

Delta R.T. -0.003 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

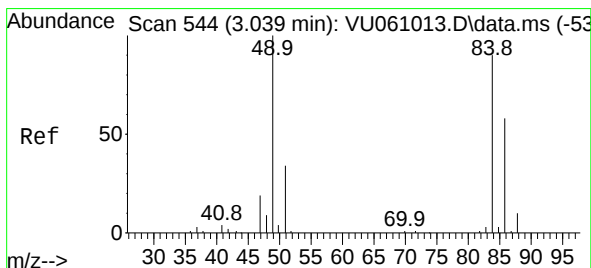
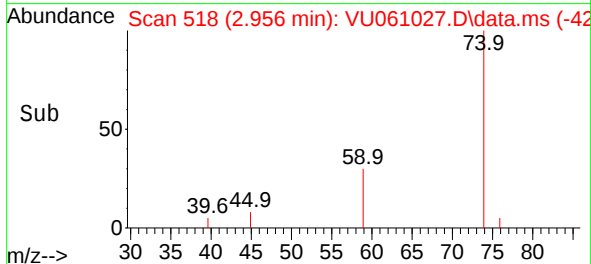
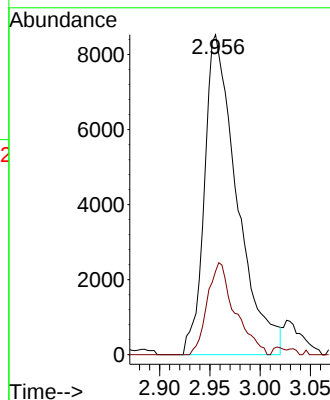
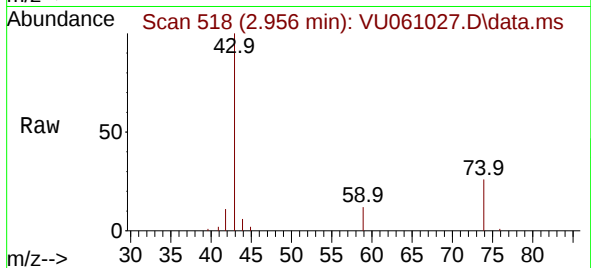
ClientSampleId :

Tgt Ion: 43 Resp: 19248

Ion Ratio Lower Upper

43 100

74 24.4 18.9 28.3



#16

Methylene chloride

Concen: 5.196 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

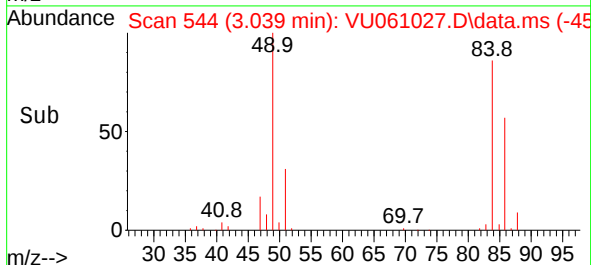
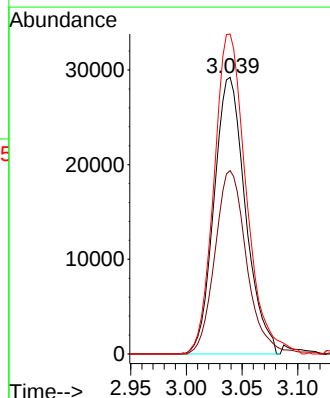
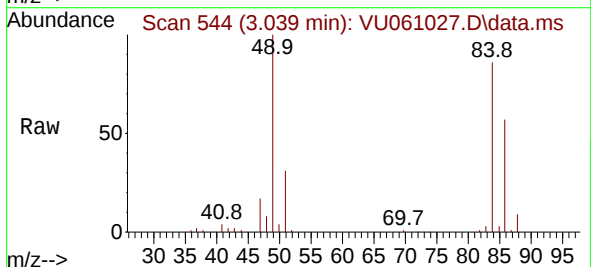
Tgt Ion: 84 Resp: 57292

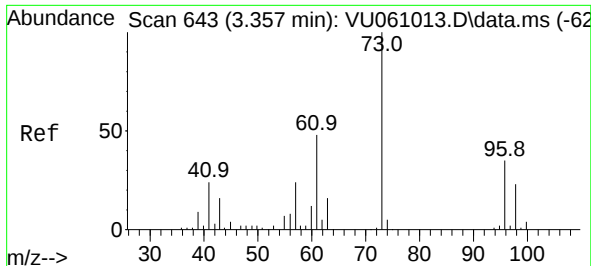
Ion Ratio Lower Upper

84 100

86 66.3 47.3 87.8

49 115.7 78.7 146.1





#17

Methyl tert-butyl Ether

Concen: 5.031 ug/L

RT: 3.354 min Scan# 643

Delta R.T. -0.003 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

ClientSampleId :

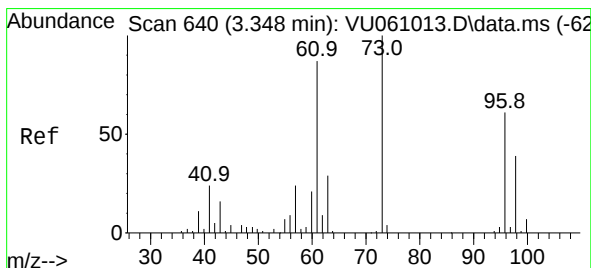
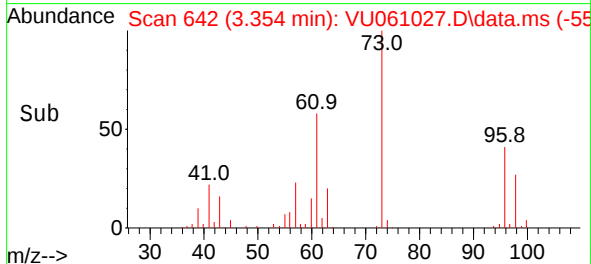
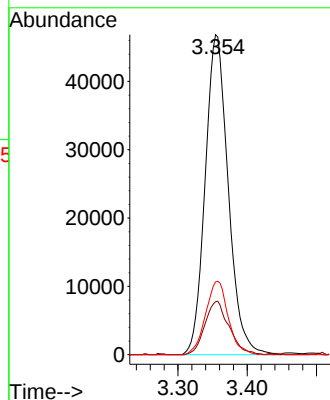
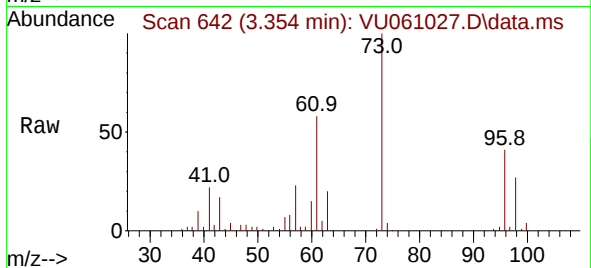
Tgt Ion: 73 Resp: 108268

Ion Ratio Lower Upper

73 100

43 17.4 13.8 20.8

57 22.5 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 4.802 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

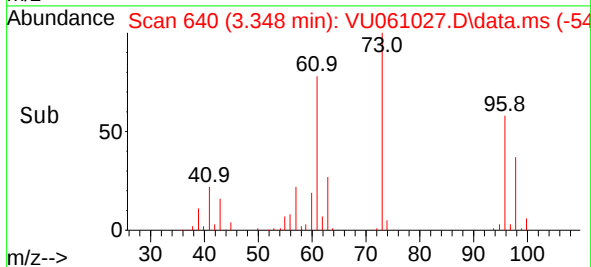
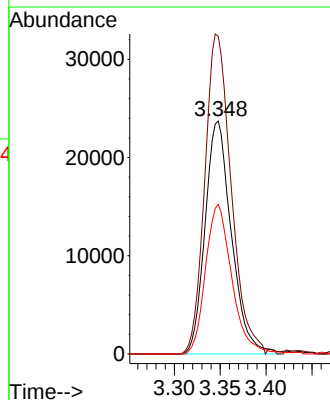
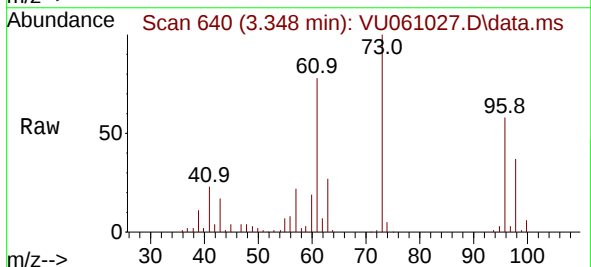
Tgt Ion: 96 Resp: 47378

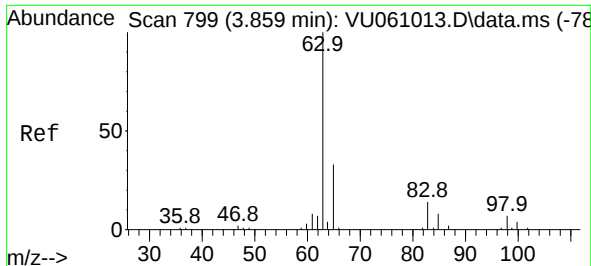
Ion Ratio Lower Upper

96 100

61 136.3 97.2 180.6

98 64.2 43.3 80.5

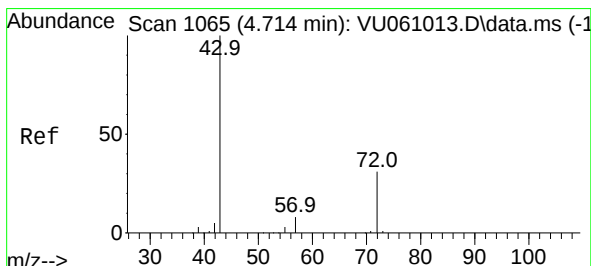
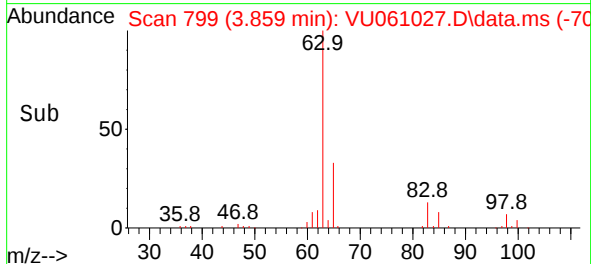
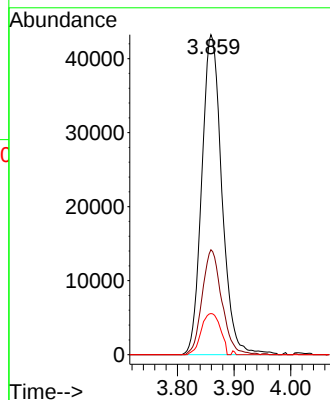
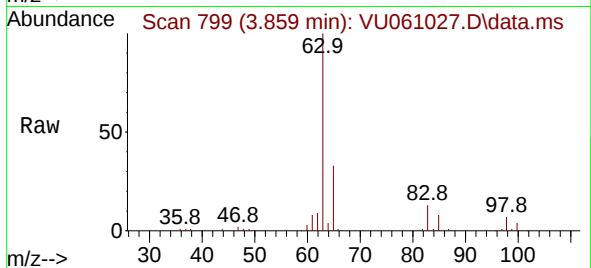




#19
1,1-Dichloroethane
Concen: 5.368 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

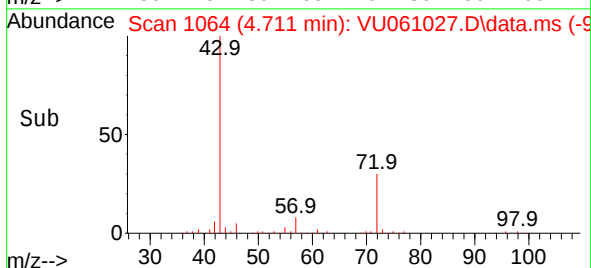
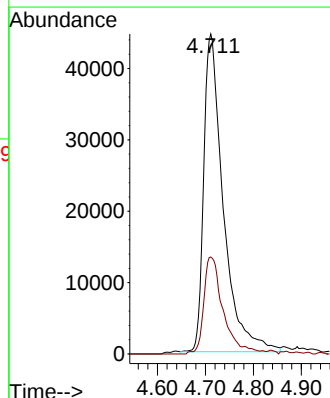
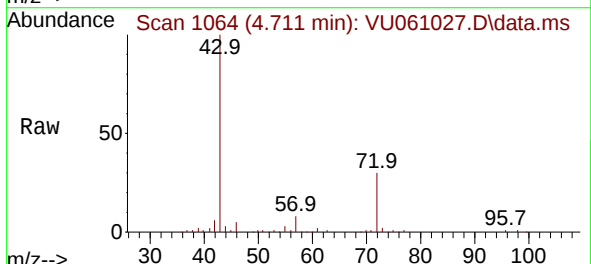
Instrument :
MSVOA_U
ClientSampleId :

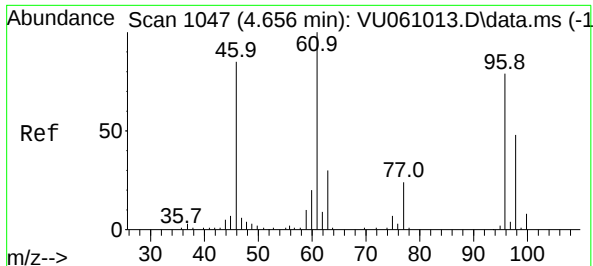
Tgt Ion:	63	Resp:	106338
Ion	Ratio	Lower	Upper
63	100		
65	33.6	23.0	42.8
83	12.8	9.0	16.6



#21
2-Butanone
Concen: 53.137 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion:	43	Resp:	126130
Ion	Ratio	Lower	Upper
43	100		
72	28.8	14.8	44.3

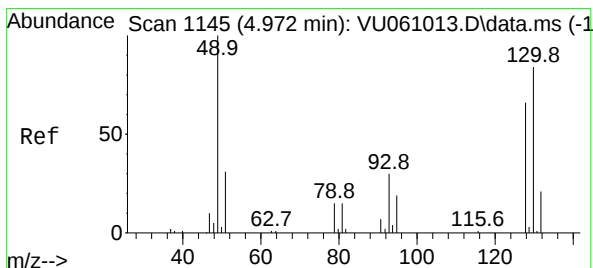
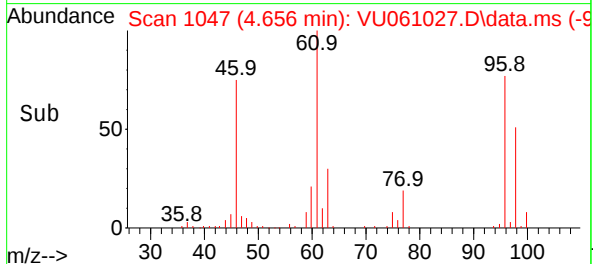
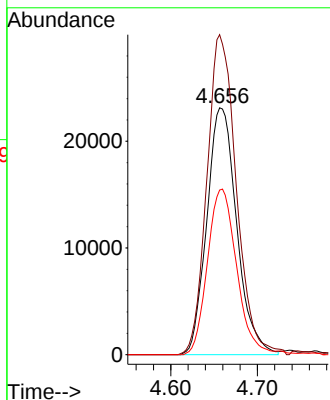
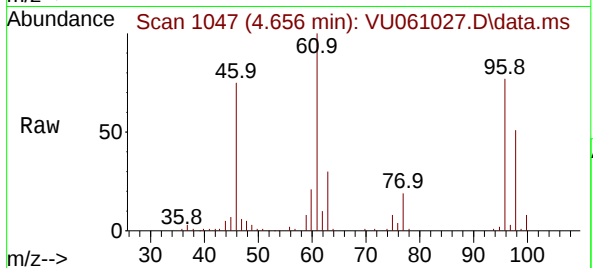




#22
 cis-1,2-Dichloroethene
 Concen: 5.083 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061027.D
 Acq: 27 Sep 2024 09:22

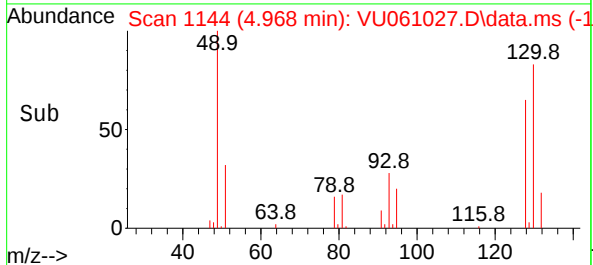
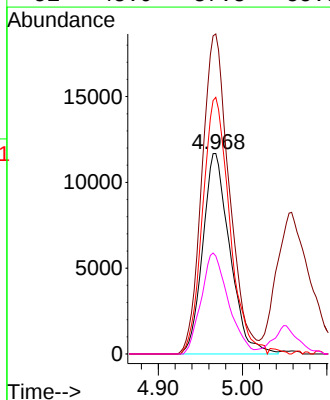
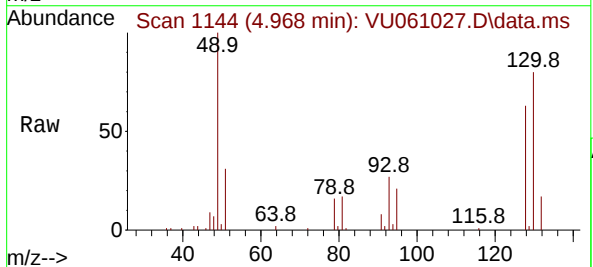
Instrument :
 MSVOA_U
 ClientSampleId :

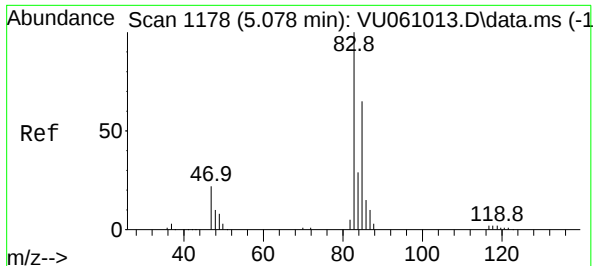
Tgt Ion: 96 Resp: 55503
 Ion Ratio Lower Upper
 96 100
 61 129.6 89.7 166.5
 98 66.7 45.1 83.9



#23
 Bromochloromethane
 Concen: 5.056 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU061027.D
 Acq: 27 Sep 2024 09:22

Tgt Ion:128 Resp: 26074
 Ion Ratio Lower Upper
 128 100
 49 164.1 109.6 203.6
 130 128.0 87.8 163.0
 51 48.9 37.3 55.9





#25

Chloroform

Concen: 5.334 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

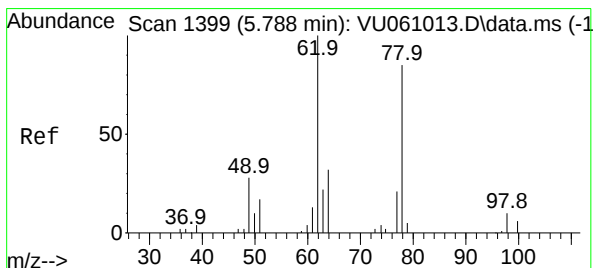
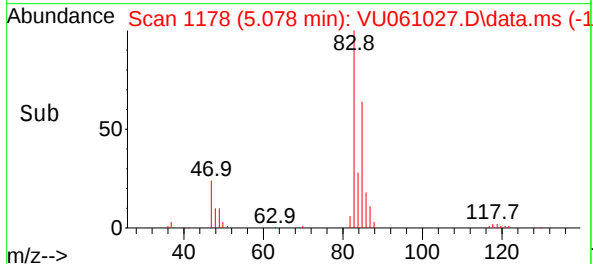
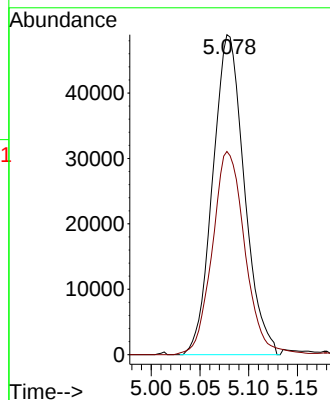
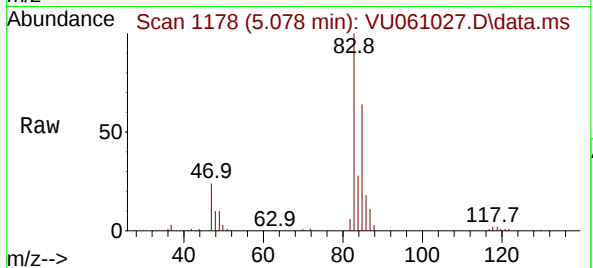
ClientSampleId :

Tgt Ion: 83 Resp: 110174

Ion Ratio Lower Upper

83 100

85 63.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.280 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU061027.D

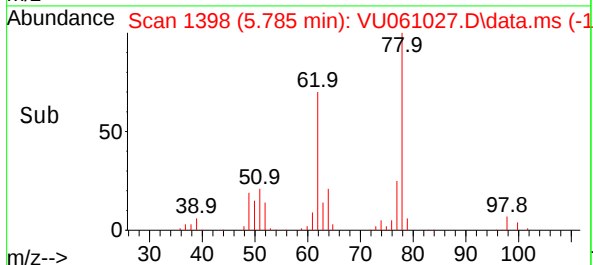
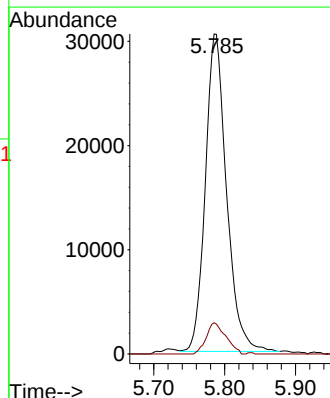
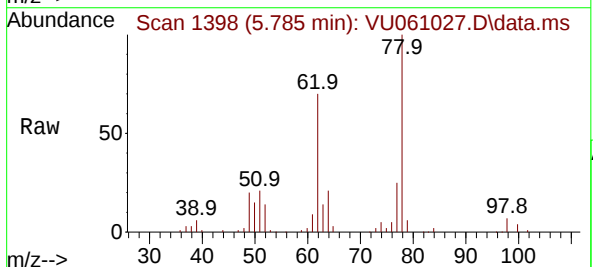
Acq: 27 Sep 2024 09:22

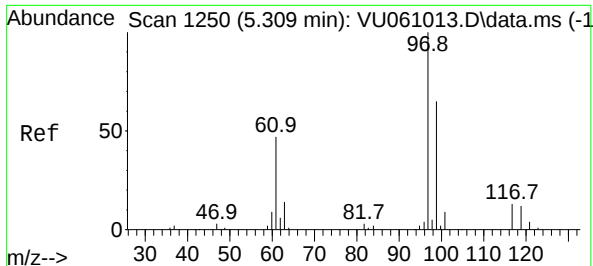
Tgt Ion: 62 Resp: 63197

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.4

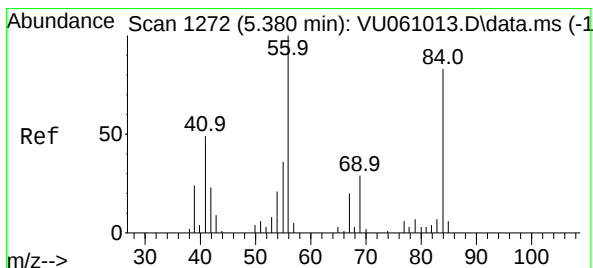
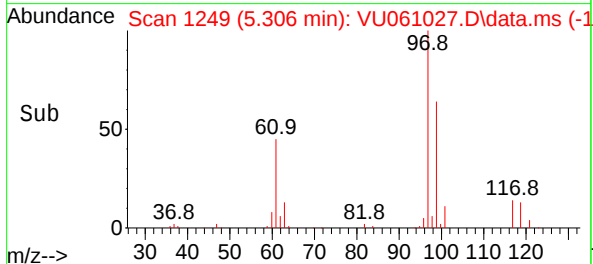
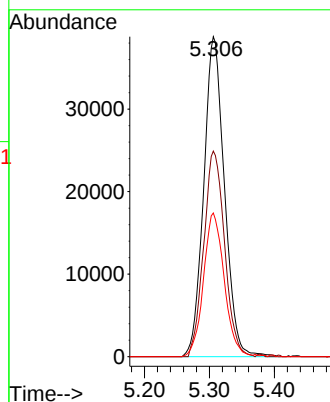
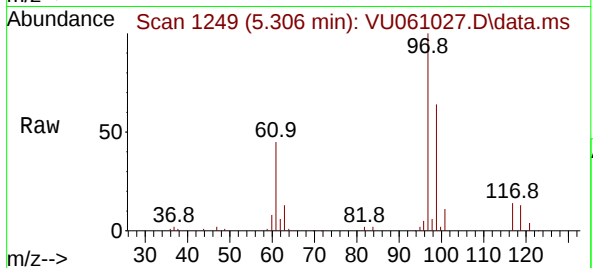




#29
1,1,1-Trichloroethane
Concen: 5.111 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

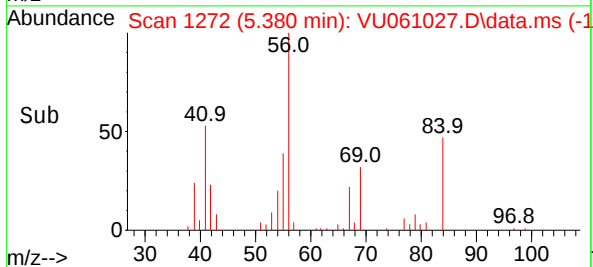
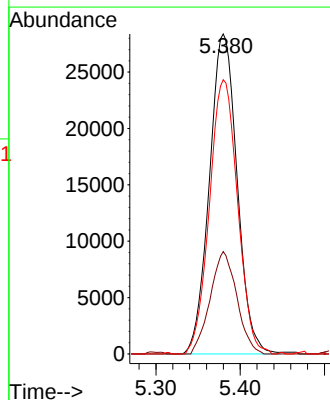
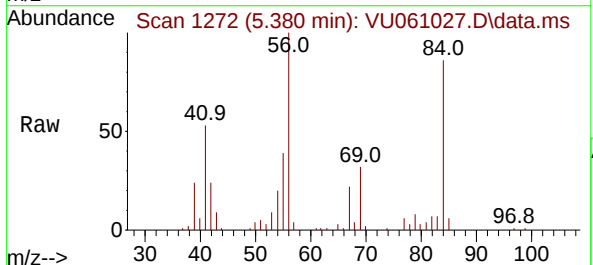
Instrument :
MSVOA_U
ClientSampleId :

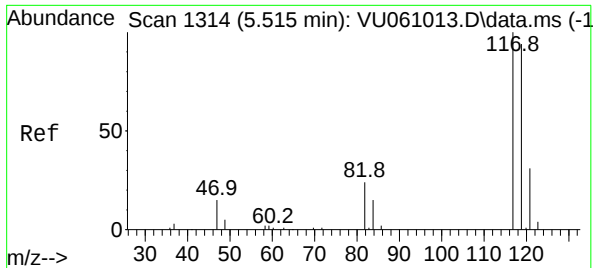
Tgt Ion: 97 Resp: 86325
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 44.9 34.4 51.6



#30
Cyclohexane
Concen: 4.674 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion: 56 Resp: 64883
Ion Ratio Lower Upper
56 100
69 30.7 25.4 38.0
84 86.8 71.0 106.6

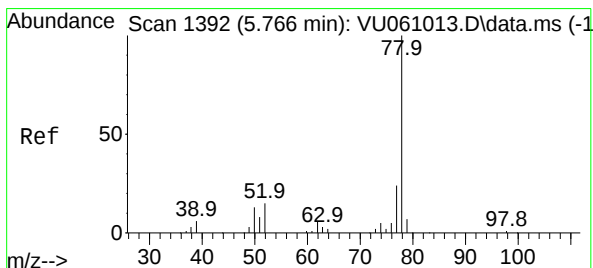
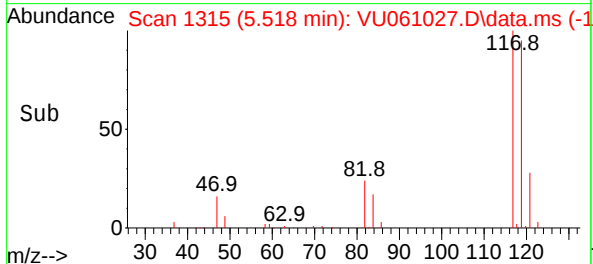
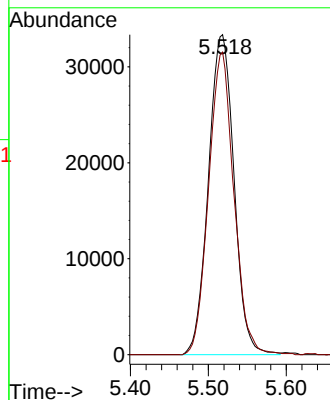
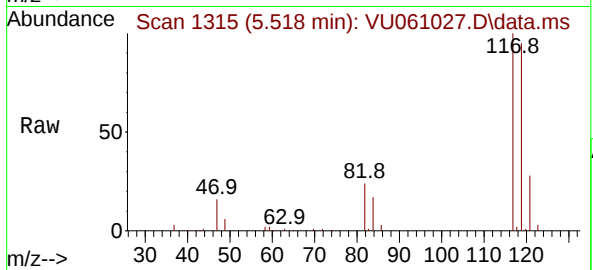




#31
Carbon tetrachloride
Concen: 5.087 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

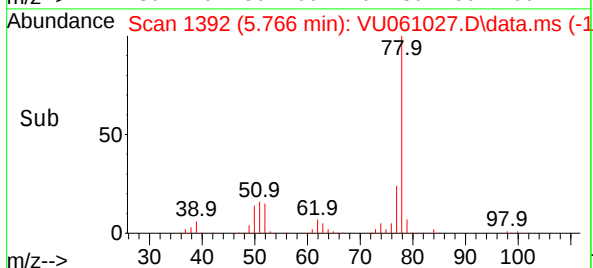
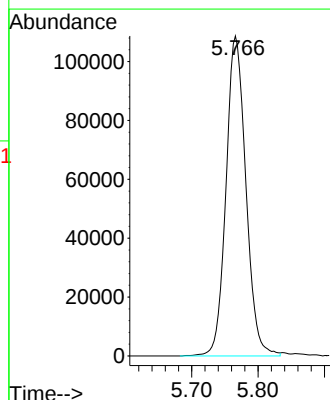
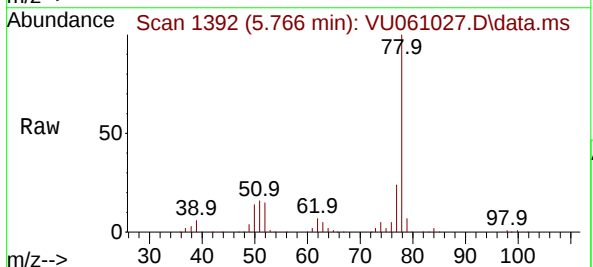
Instrument :
MSVOA_U
ClientSampleId :

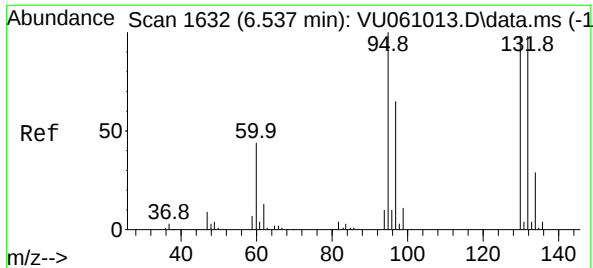
Tgt Ion:117 Resp: 76075
Ion Ratio Lower Upper
117 100
119 93.5 76.3 114.5



#33
Benzene
Concen: 5.269 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion: 78 Resp: 226644

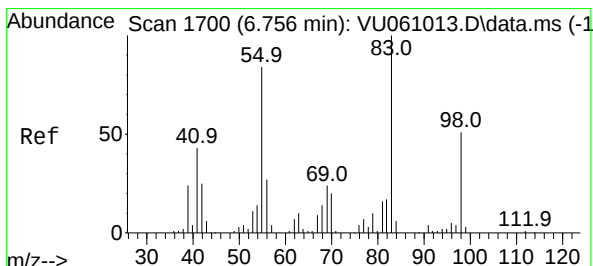
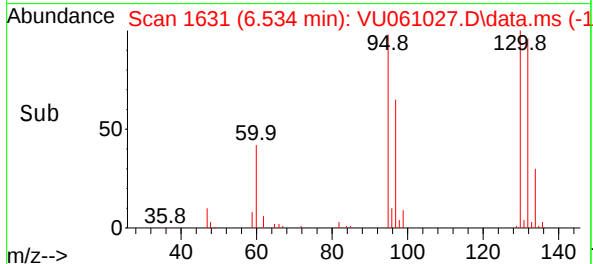
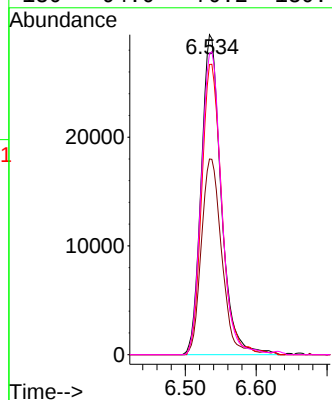
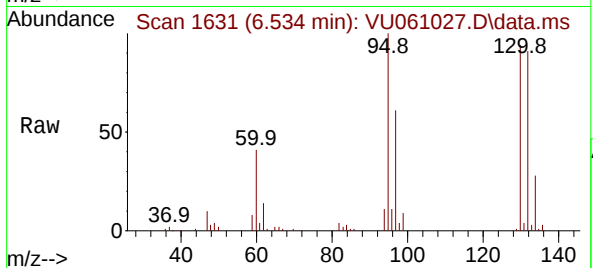




#34
Trichloroethene
Concen: 5.109 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

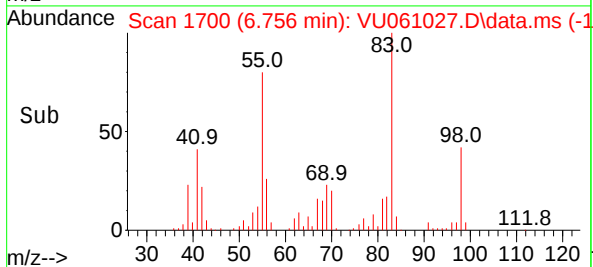
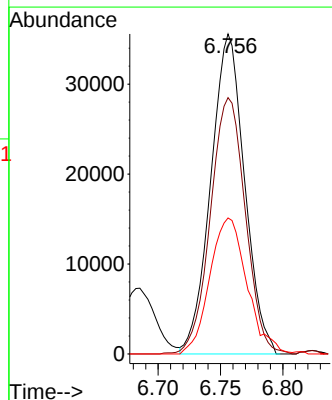
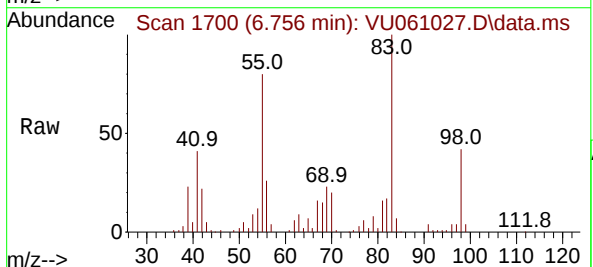
Instrument :
MSVOA_U
ClientSampleId :

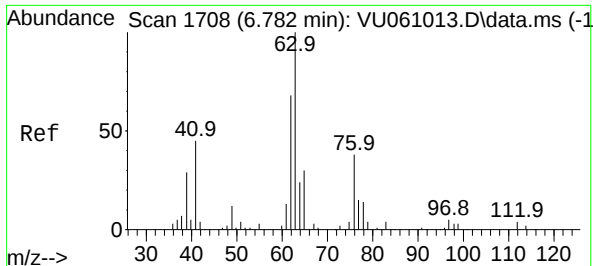
Tgt Ion: 95 Resp: 57609
Ion Ratio Lower Upper
95 100
97 61.1 44.9 83.5
132 90.7 63.5 117.9
130 94.0 70.2 130.4



#35
Methylcyclohexane
Concen: 4.334 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion: 83 Resp: 67053
Ion Ratio Lower Upper
83 100
55 82.9 62.6 94.0
98 46.8 37.6 56.4

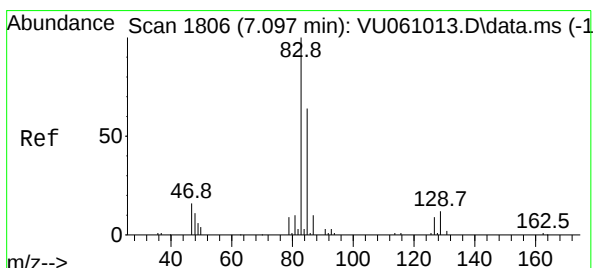
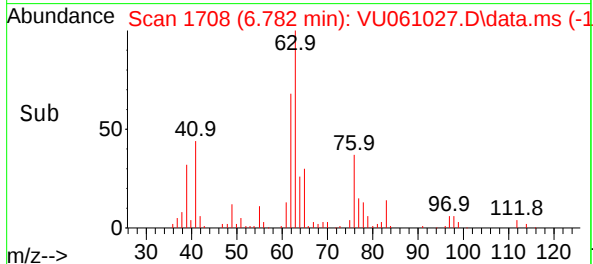
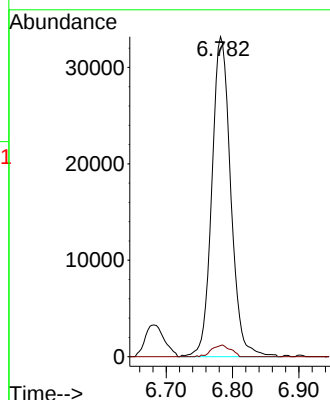
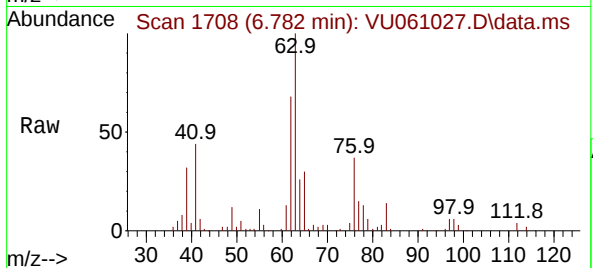




#37
1,2-Dichloropropane
Concen: 5.541 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

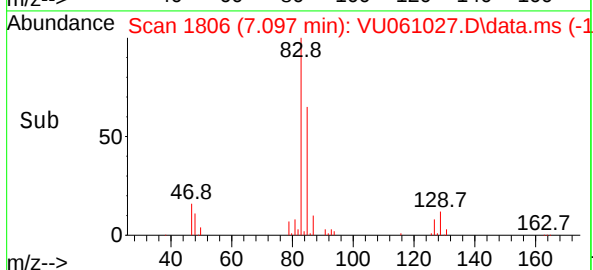
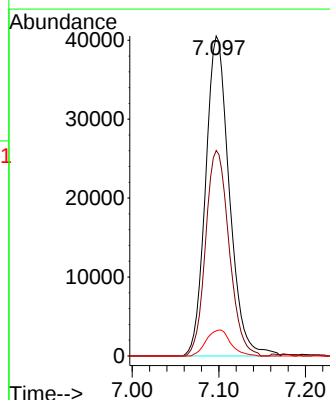
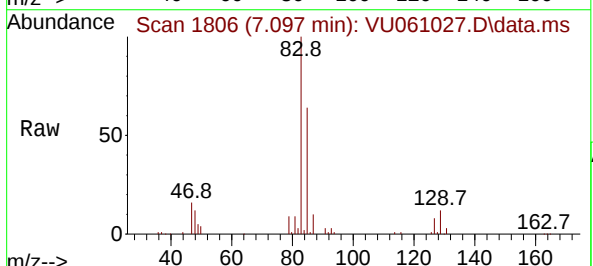
Instrument :
MSVOA_U
ClientSampleId :

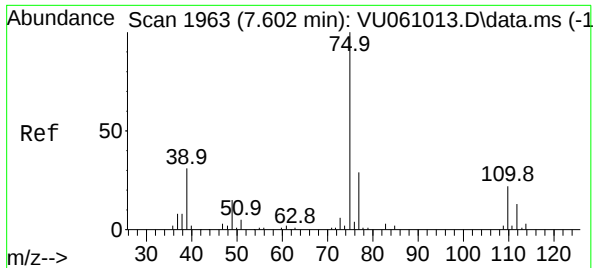
Tgt Ion: 63 Resp: 65679
Ion Ratio Lower Upper
63 100
112 3.7 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.303 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion: 83 Resp: 77104
Ion Ratio Lower Upper
83 100
85 64.2 45.6 84.8
127 7.9 7.0 10.6

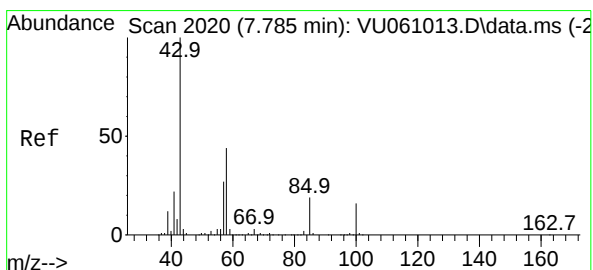
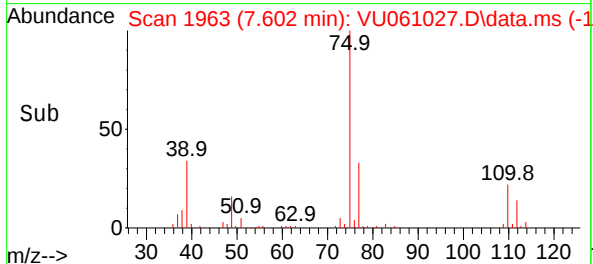
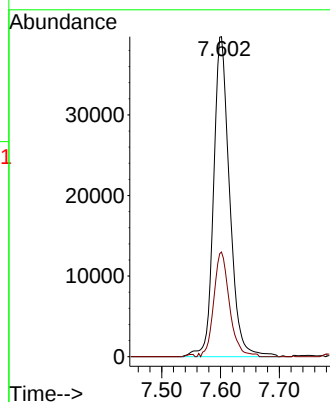
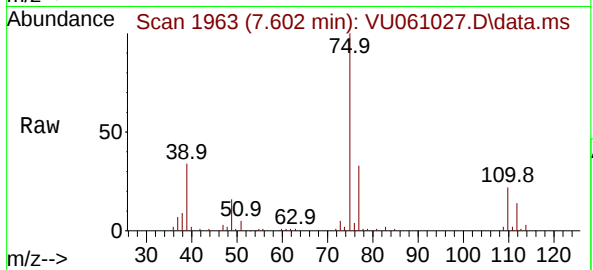




#39
 cis-1,3-Dichloropropene
 Concen: 4.783 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU061027.D
 Acq: 27 Sep 2024 09:22

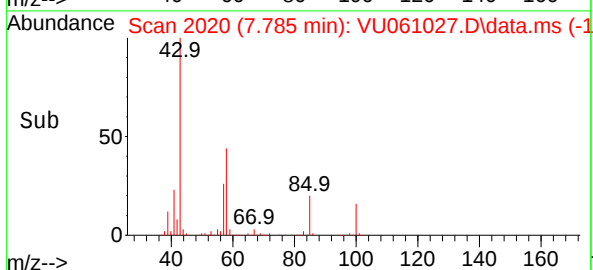
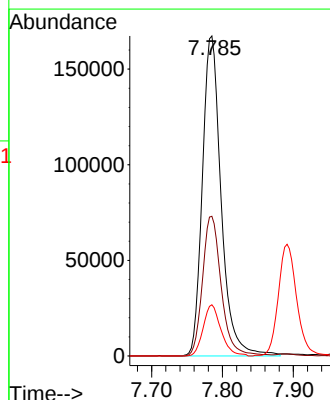
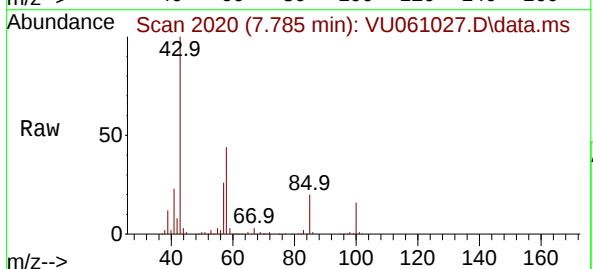
Instrument :
 MSVOA_U
 ClientSampleId :

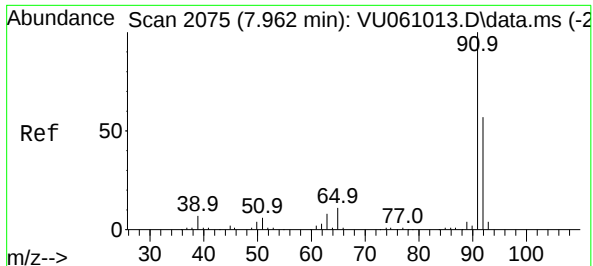
Tgt Ion: 75 Resp: 75406
 Ion Ratio Lower Upper
 75 100
 77 32.7 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 55.835 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU061027.D
 Acq: 27 Sep 2024 09:22

Tgt Ion: 43 Resp: 309054
 Ion Ratio Lower Upper
 43 100
 58 43.6 34.9 52.3
 100 15.1 13.4 20.0





#42

Toluene

Concen: 5.397 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

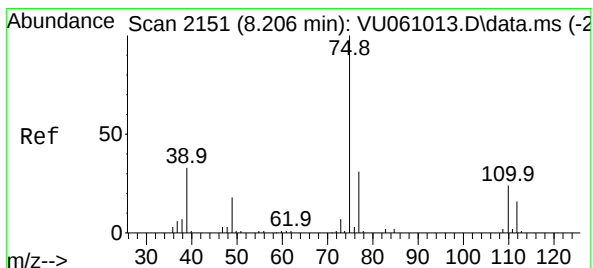
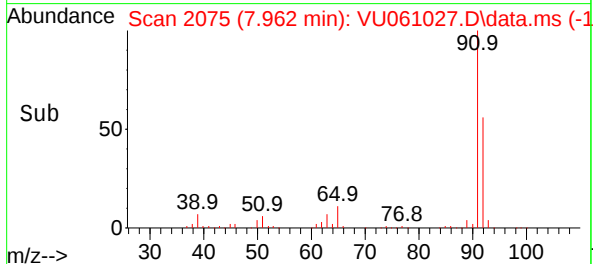
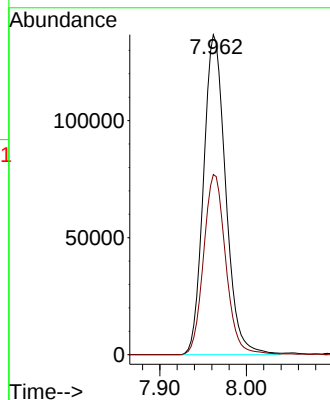
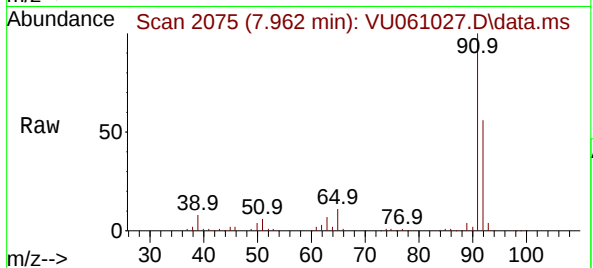
ClientSampleId :

Tgt Ion: 91 Resp: 242761

Ion Ratio Lower Upper

91 100

92 56.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.867 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU061027.D

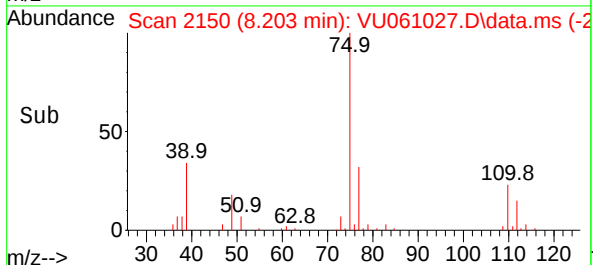
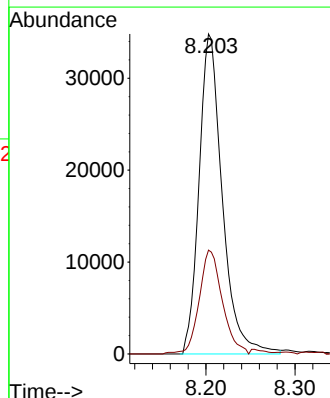
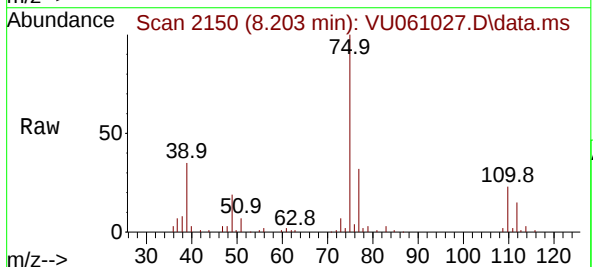
Acq: 27 Sep 2024 09:22

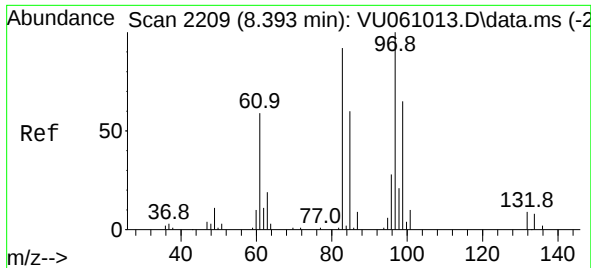
Tgt Ion: 75 Resp: 63090

Ion Ratio Lower Upper

75 100

77 32.4 23.1 42.9

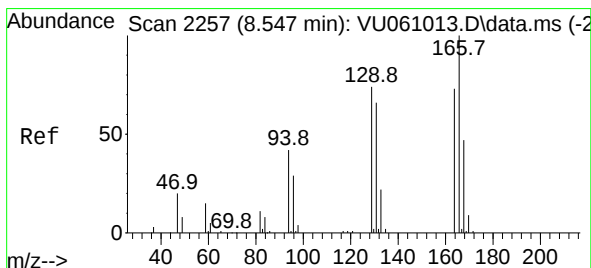
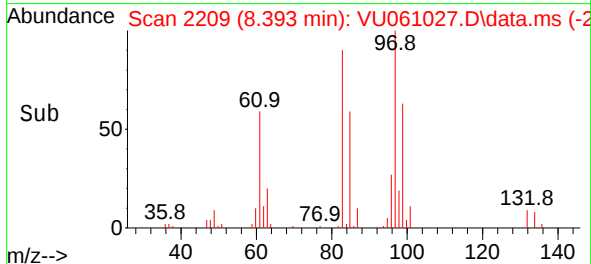
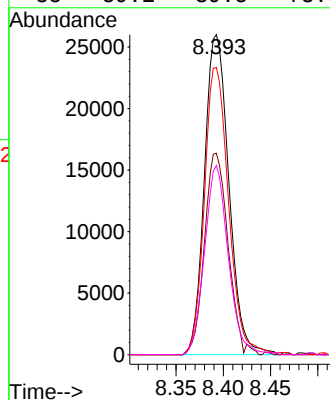
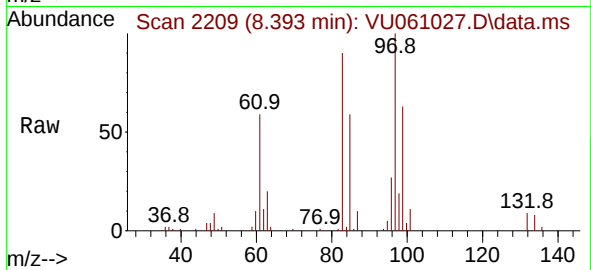




#45
1,1,2-Trichloroethane
Concen: 5.473 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

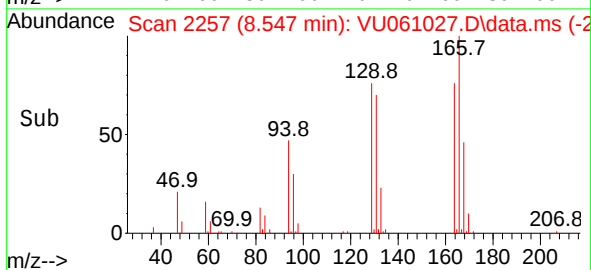
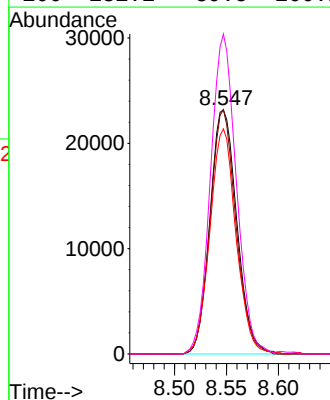
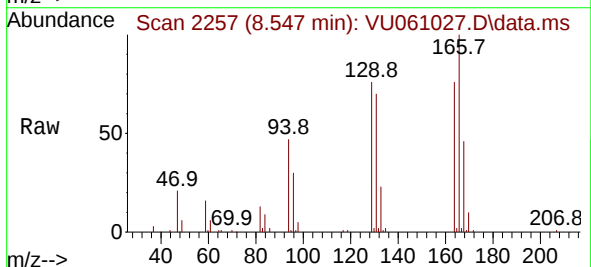
Instrument :
MSVOA_U
ClientSampleId :

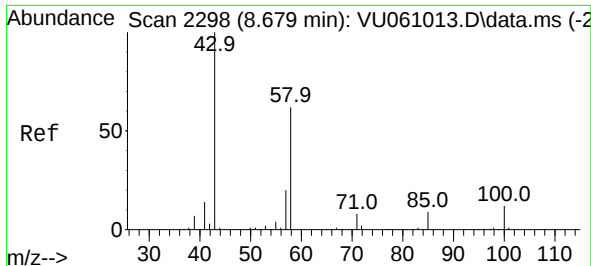
Tgt Ion:	97	Resp:	46837
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.3	78.5
83	89.8	61.7	114.5
85	59.1	39.5	73.3



#47
Tetrachloroethene
Concen: 4.646 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion:	164	Resp:	41632
Ion	Ratio	Lower	Upper
164	100		
129	100.1	67.3	124.9
131	92.2	65.4	121.4
166	131.1	89.5	166.1





#48

2-Hexanone

Concen: 55.259 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

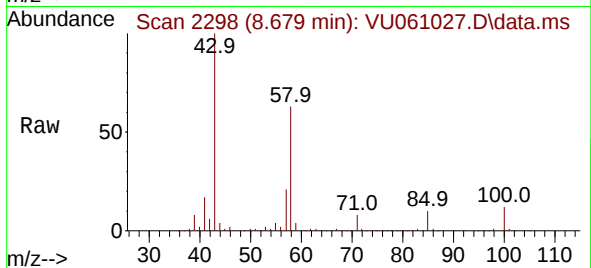
Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 222948

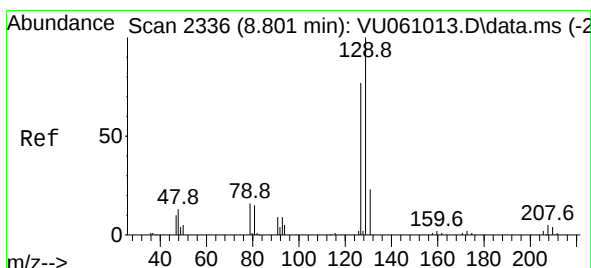
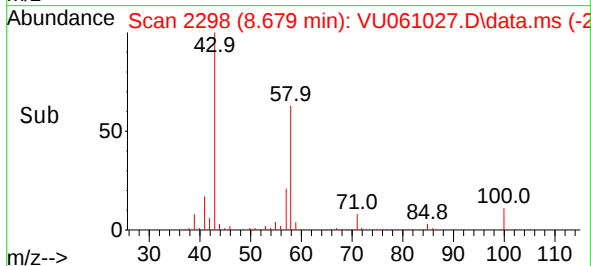
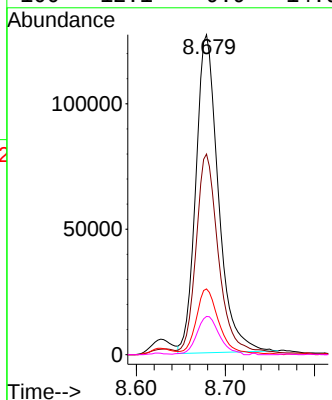
Ion Ratio Lower Upper

43 100

58 64.4 48.3 72.5

57 20.3 15.9 23.9

100 12.1 9.9 14.9



#49

Dibromochloromethane

Concen: 5.084 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061027.D

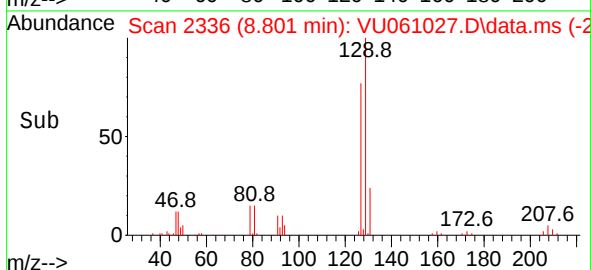
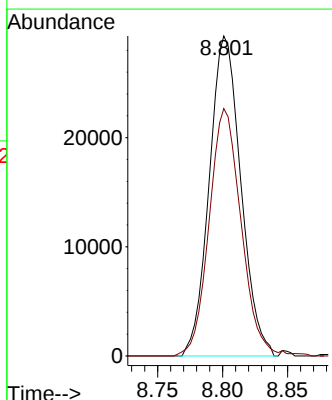
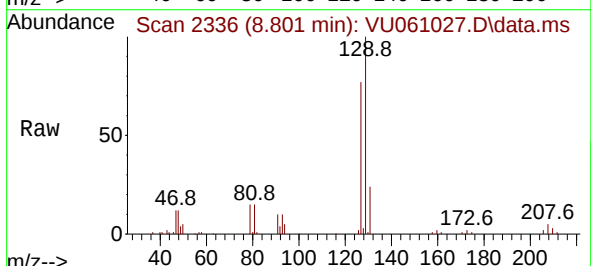
Acq: 27 Sep 2024 09:22

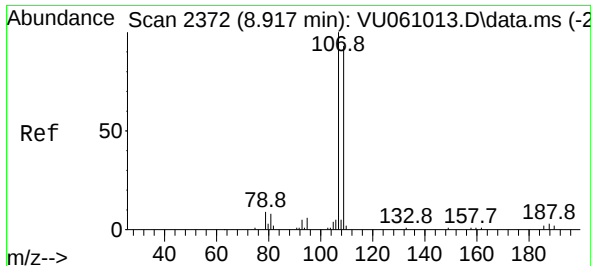
Tgt Ion: 129 Resp: 49529

Ion Ratio Lower Upper

129 100

127 77.3 56.1 104.1

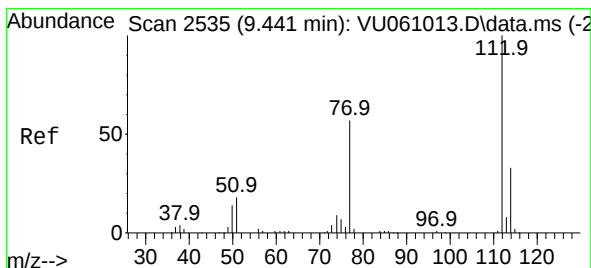
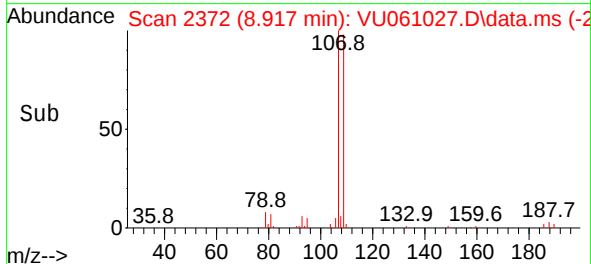
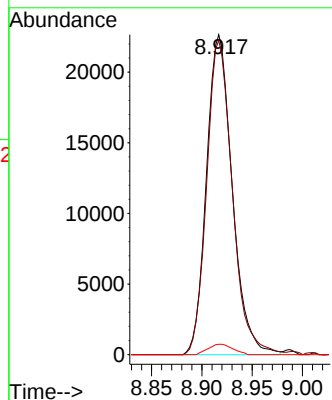
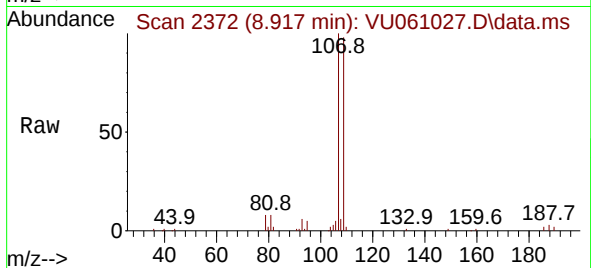




#50
1,2-Dibromoethane
Concen: 5.290 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

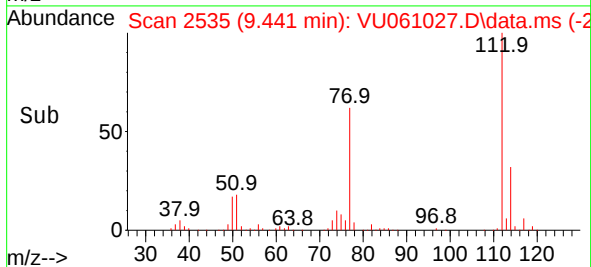
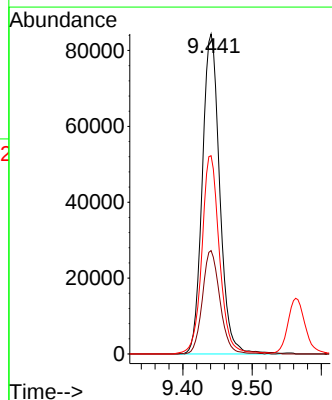
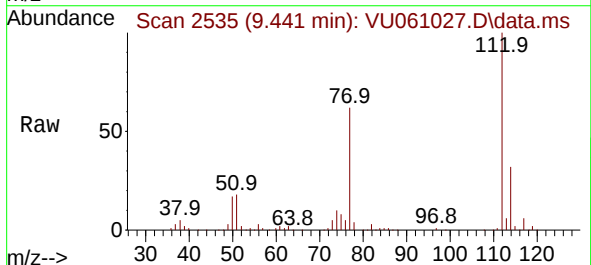
Instrument :
MSVOA_U
ClientSampleId :

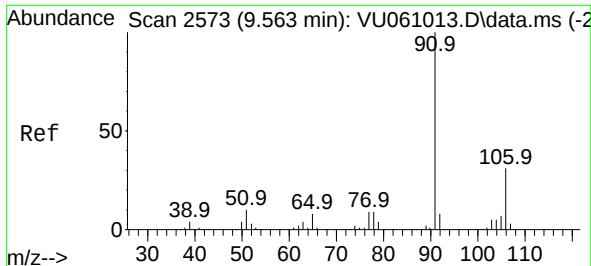
Tgt Ion:107 Resp: 40396
Ion Ratio Lower Upper
107 100
109 98.3 66.8 124.0
188 3.3 3.4 5.0#



#51
Chlorobenzene
Concen: 4.885 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion:112 Resp: 147523
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 62.0 46.1 69.1





#52

Ethylbenzene

Concen: 4.985 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

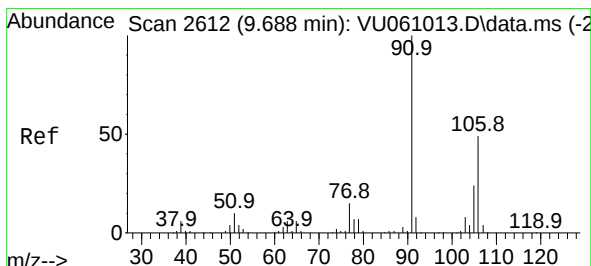
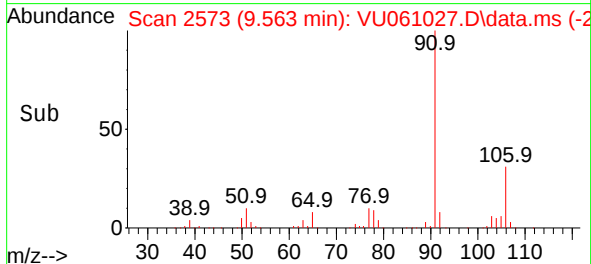
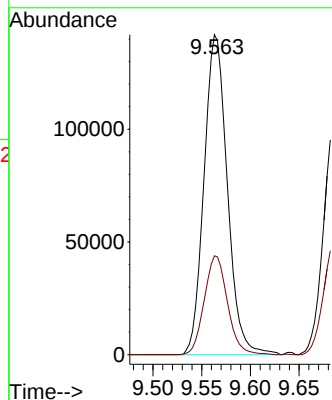
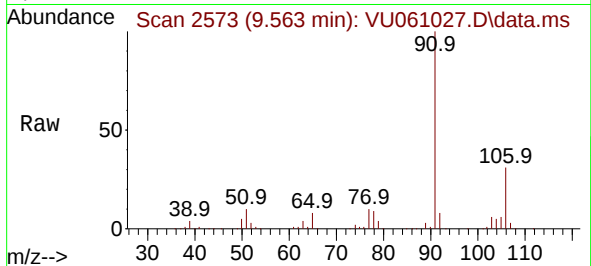
ClientSampleId :

Tgt Ion: 91 Resp: 236035

Ion Ratio Lower Upper

91 100

106 30.9 21.8 40.6



#53

m,p-Xylene

Concen: 4.982 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU061027.D

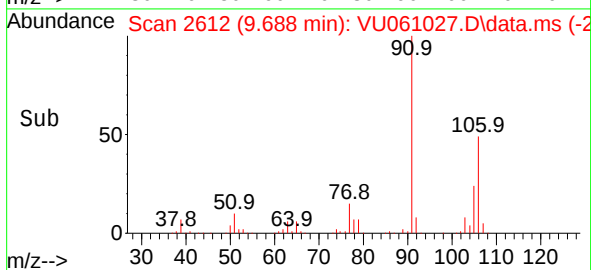
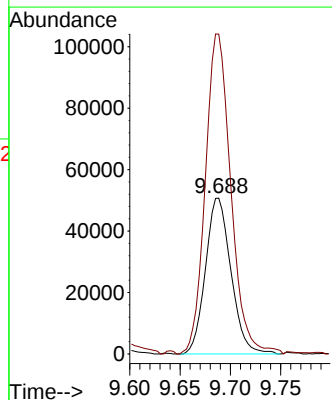
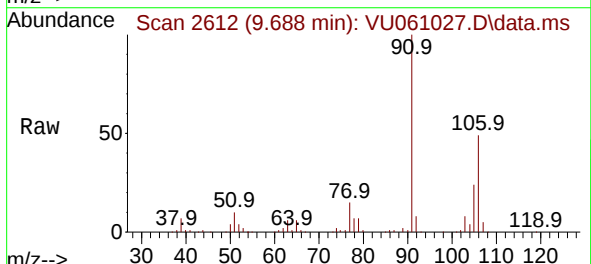
Acq: 27 Sep 2024 09:22

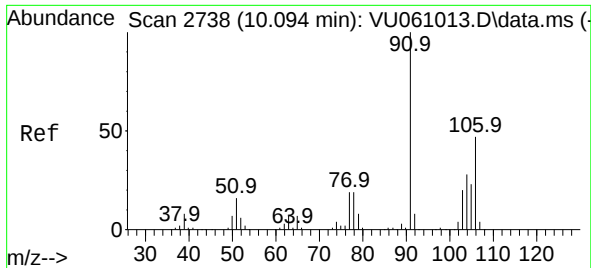
Tgt Ion:106 Resp: 89434

Ion Ratio Lower Upper

106 100

91 205.2 139.7 259.4

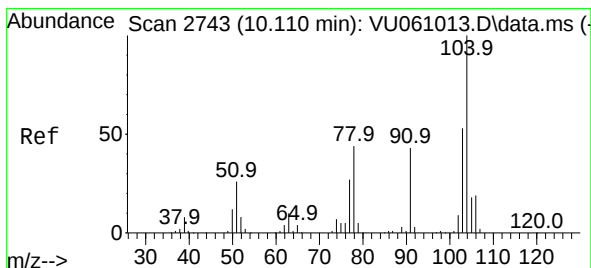
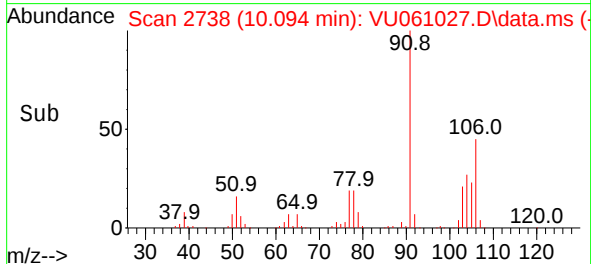
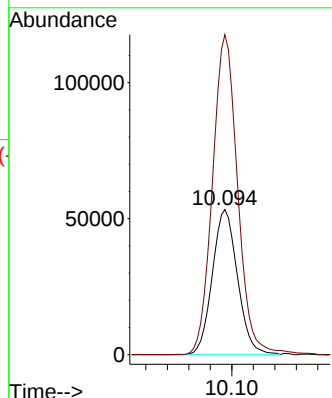
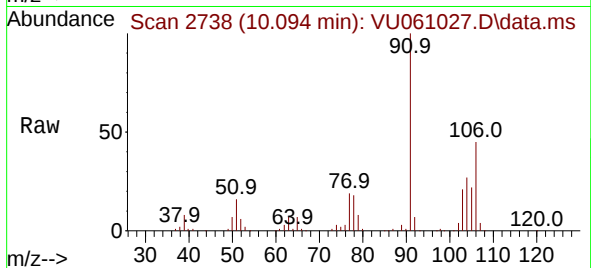




#54
o-Xylene
Concen: 4.895 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

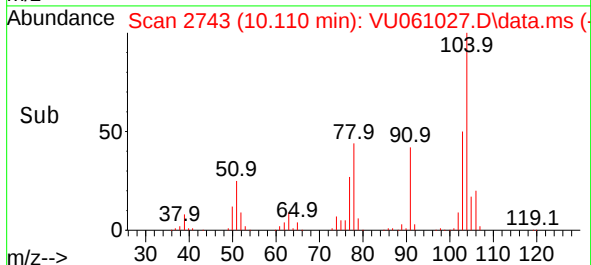
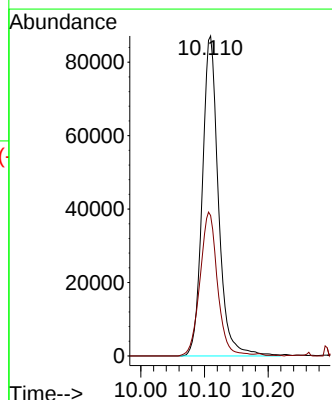
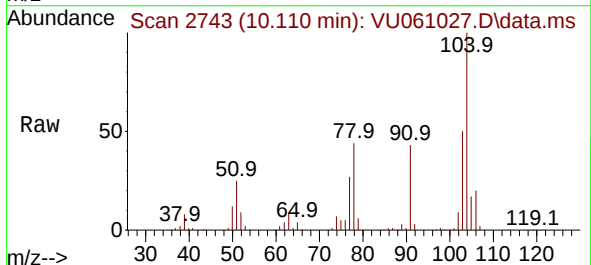
Instrument :
MSVOA_U
ClientSampleId :

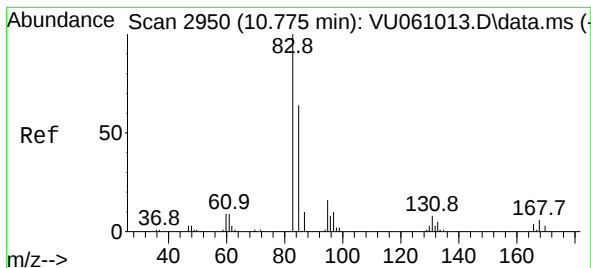
Tgt Ion:106 Resp: 86729
Ion Ratio Lower Upper
106 100
91 220.5 148.6 276.0



#55
Styrene
Concen: 5.139 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion:104 Resp: 153458
Ion Ratio Lower Upper
104 100
78 43.9 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.470 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

ClientSampleId :

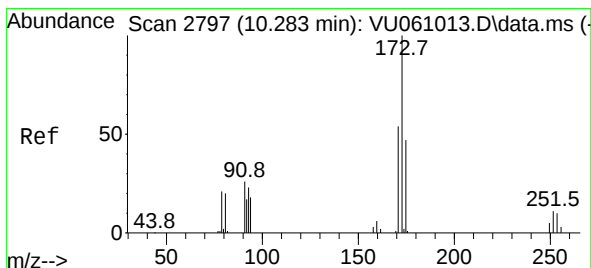
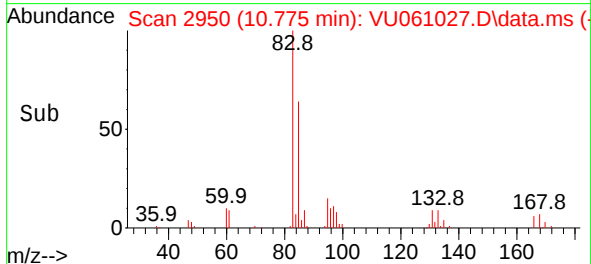
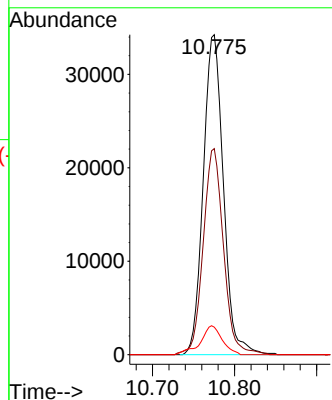
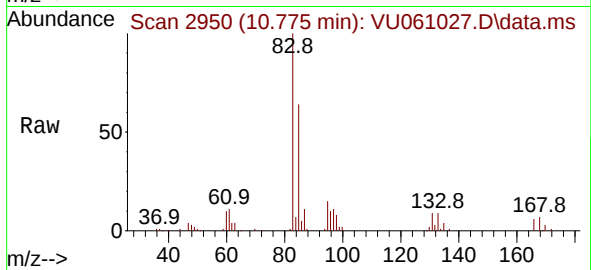
Tgt Ion: 83 Resp: 58383

Ion Ratio Lower Upper

83 100

85 64.4 42.9 79.7

131 8.6 8.4 12.6



#59

Bromoform

Concen: 5.259 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

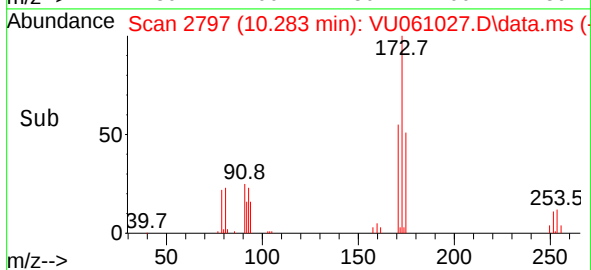
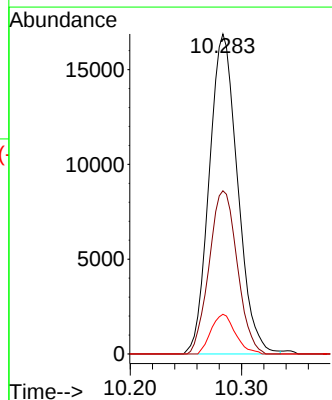
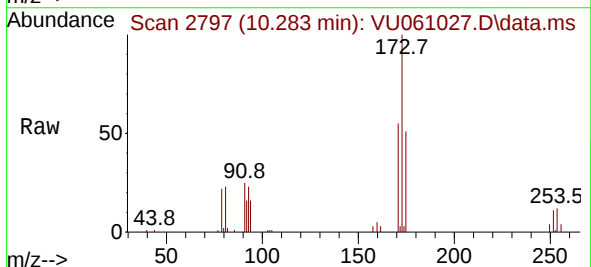
Tgt Ion:173 Resp: 29843

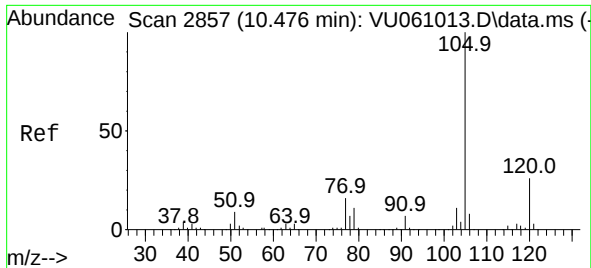
Ion Ratio Lower Upper

173 100

175 50.4 39.1 58.7

254 10.6 8.7 13.1

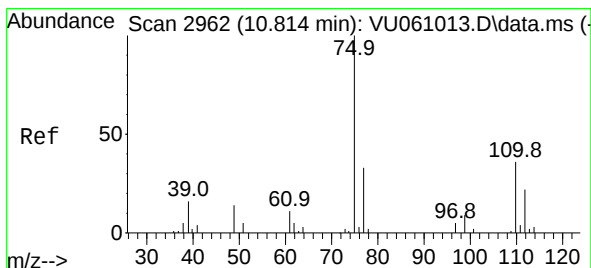
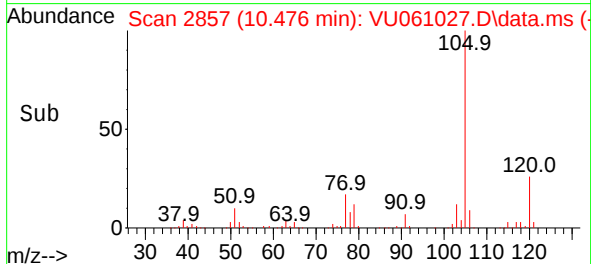
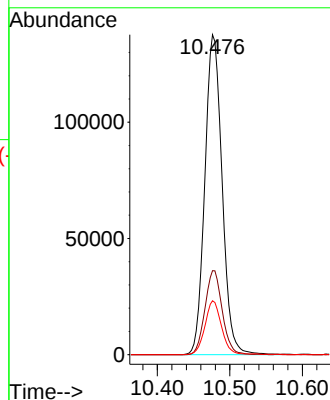
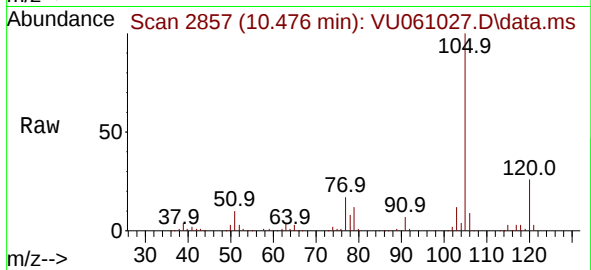




#60
Isopropylbenzene
Concen: 5.106 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

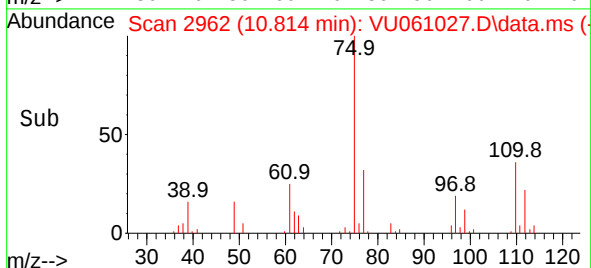
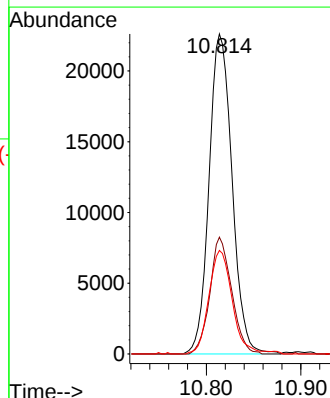
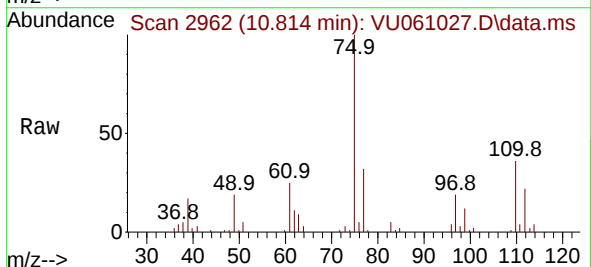
Instrument :
MSVOA_U
ClientSampleId :

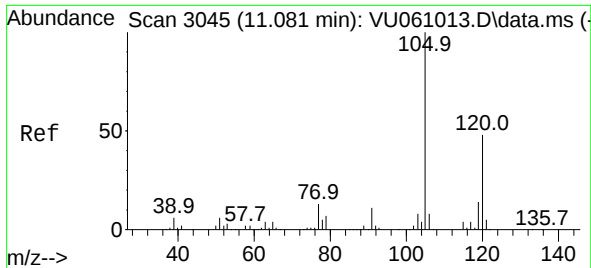
Tgt Ion:105 Resp: 227852
Ion Ratio Lower Upper
105 100
120 26.2 21.5 32.3
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.443 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion: 75 Resp: 38231
Ion Ratio Lower Upper
75 100
110 34.6 28.6 43.0
77 33.1 26.3 39.5

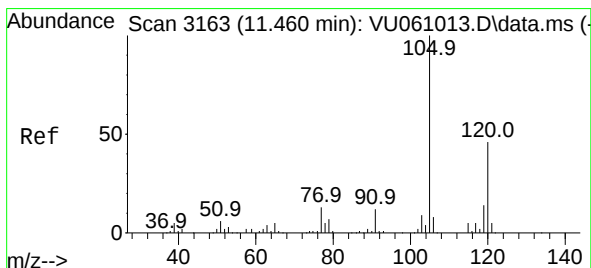
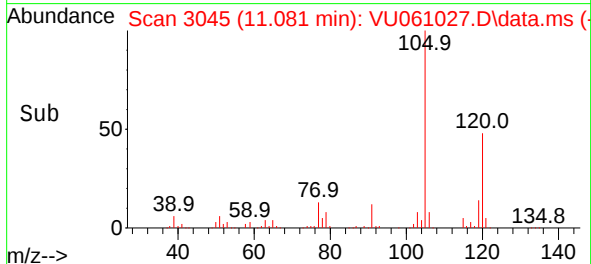
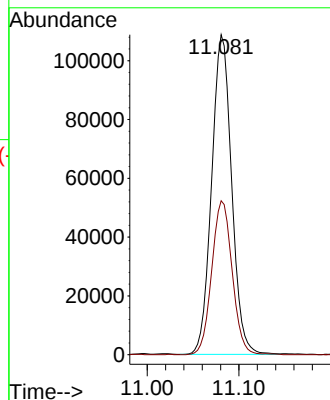
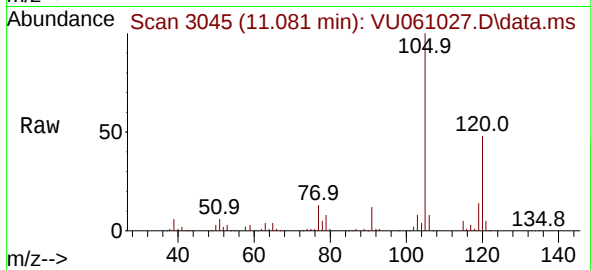




#62
1,3,5-Trimethylbenzene
Concen: 4.746 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

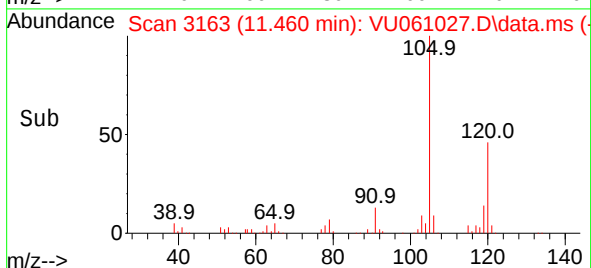
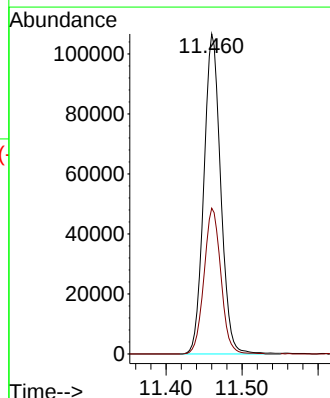
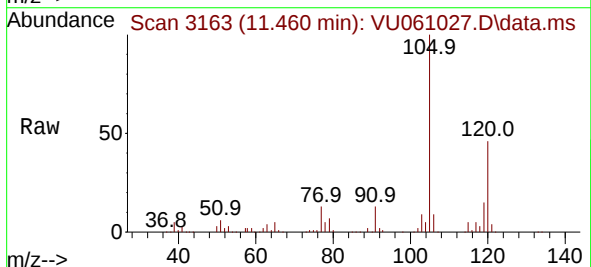
Instrument :
MSVOA_U
ClientSampleId :

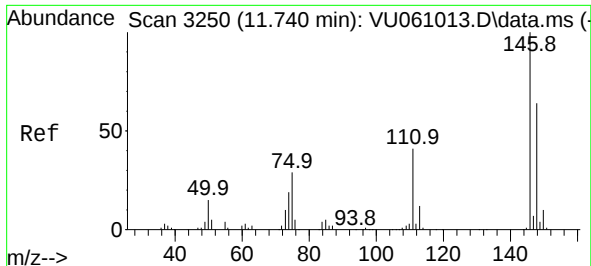
Tgt Ion:105 Resp: 164620
Ion Ratio Lower Upper
105 100
120 49.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.785 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion:105 Resp: 163978
Ion Ratio Lower Upper
105 100
120 45.6 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.022 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

ClientSampleId :

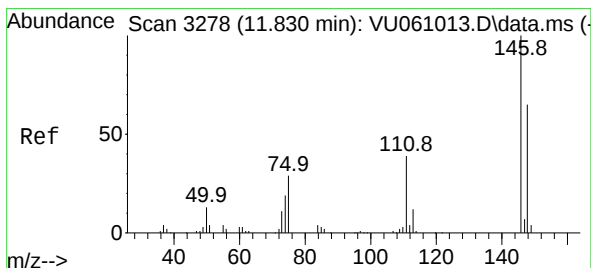
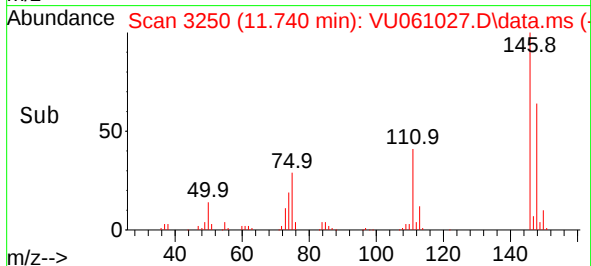
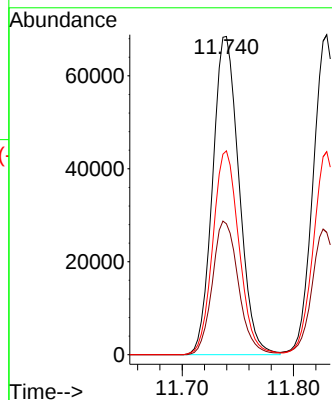
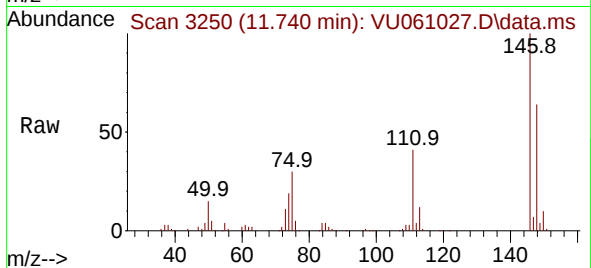
Tgt Ion:146 Resp: 112695

Ion Ratio Lower Upper

146 100

111 41.1 27.5 51.1

148 64.0 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.861 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

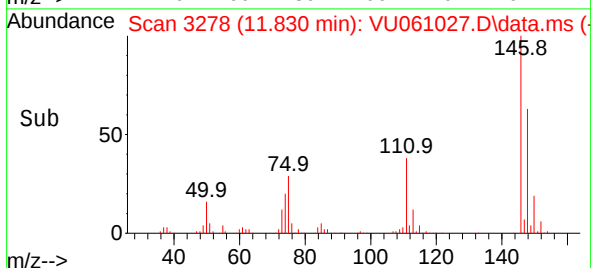
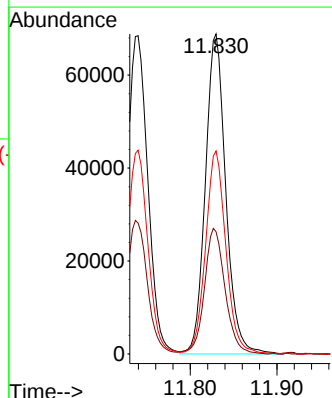
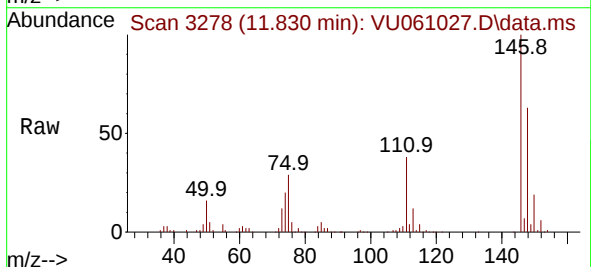
Tgt Ion:146 Resp: 112743

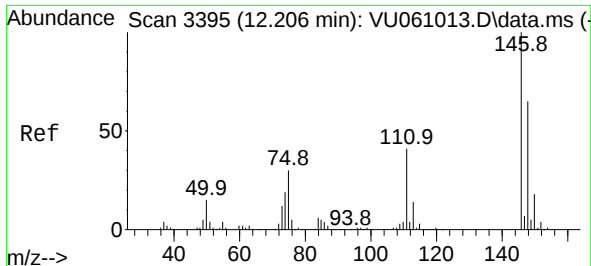
Ion Ratio Lower Upper

146 100

111 38.2 26.3 48.9

148 63.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.038 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

ClientSampleId :

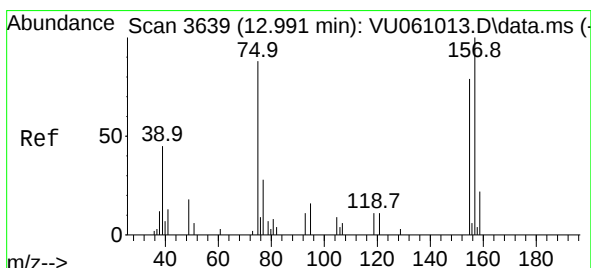
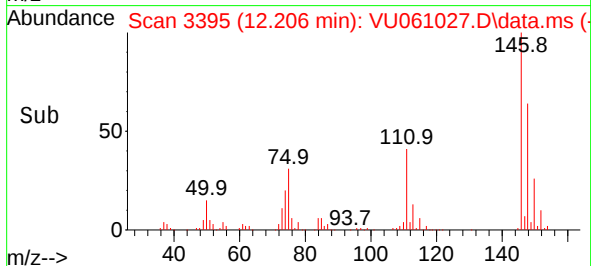
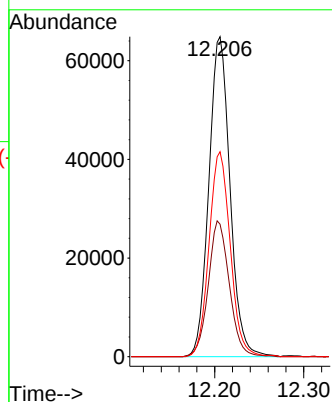
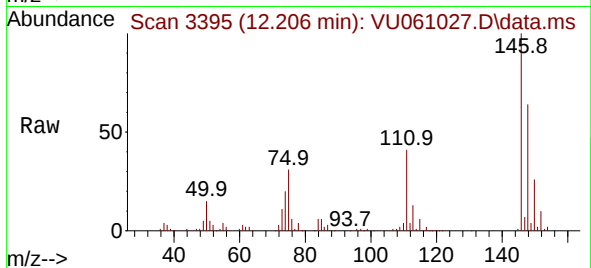
Tgt Ion:146 Resp: 106879

Ion Ratio Lower Upper

146 100

111 41.4 33.4 50.0

148 64.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.616 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

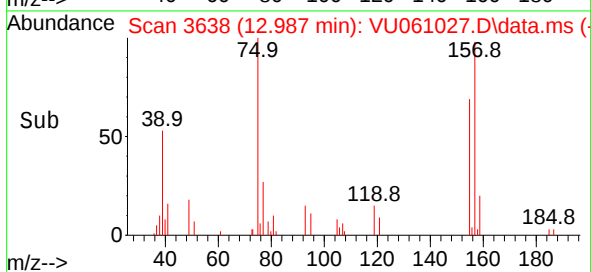
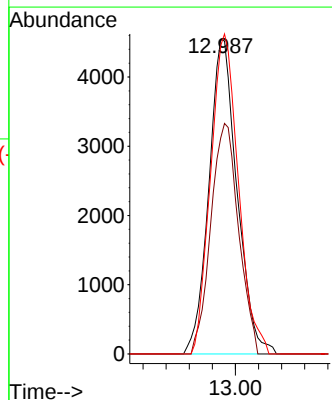
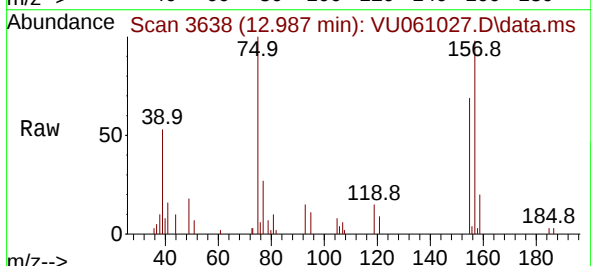
Tgt Ion: 75 Resp: 7702

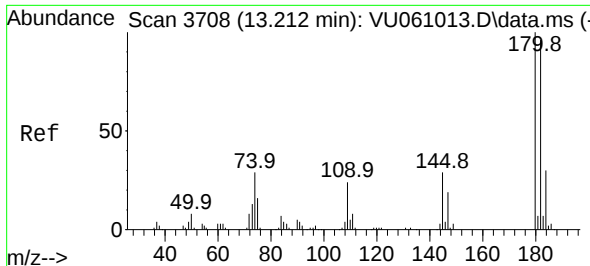
Ion Ratio Lower Upper

75 100

155 68.7 73.1 109.7#

157 98.1 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.387 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

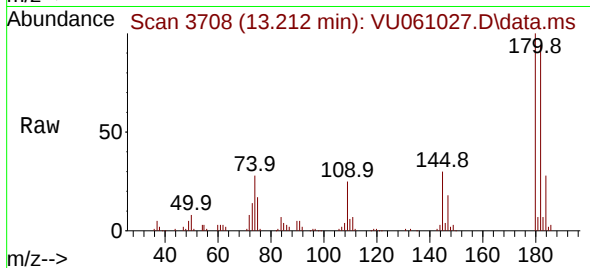
Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 73643

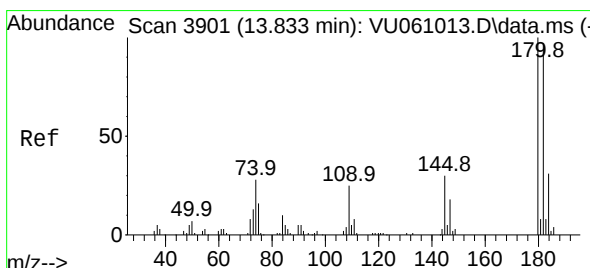
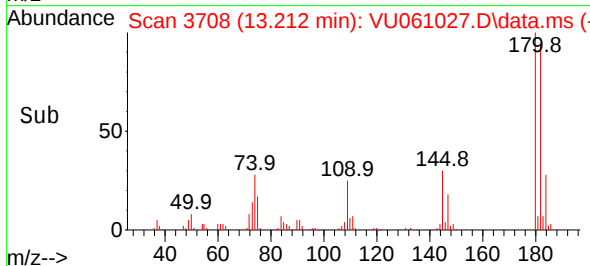
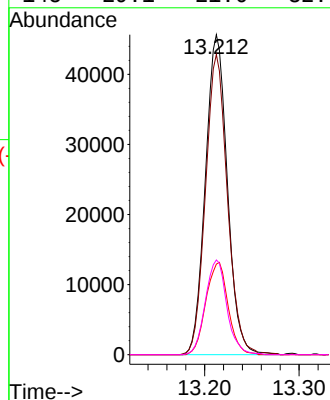
Ion Ratio Lower Upper

180 100

182 93.2 74.5 111.7

184 29.2 23.2 34.8

145 29.1 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.518 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061027.D

Acq: 27 Sep 2024 09:22

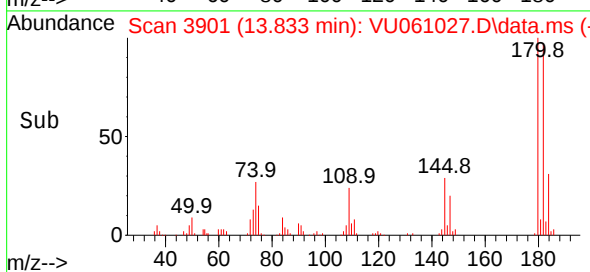
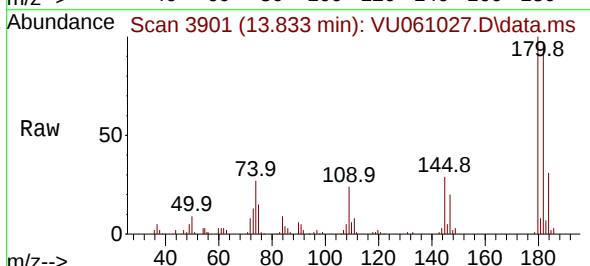
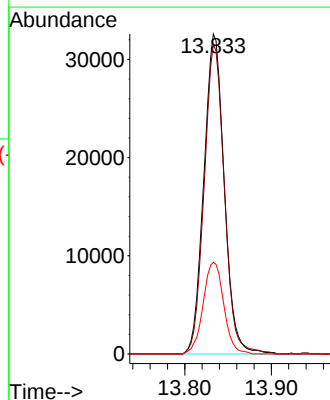
Tgt Ion:180 Resp: 53417

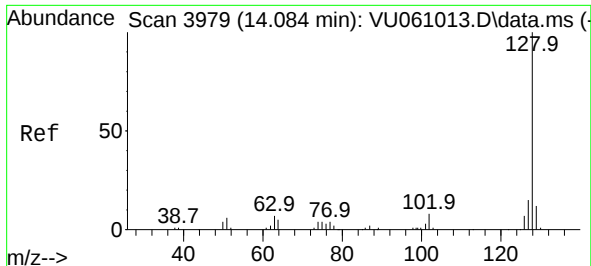
Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.2

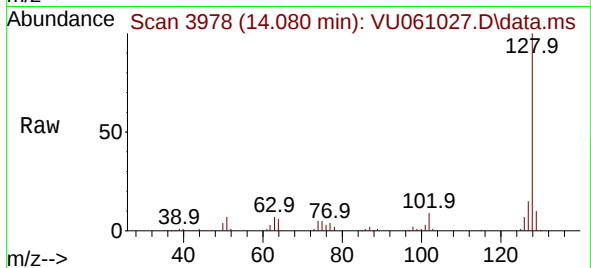
145 28.9 22.9 34.3



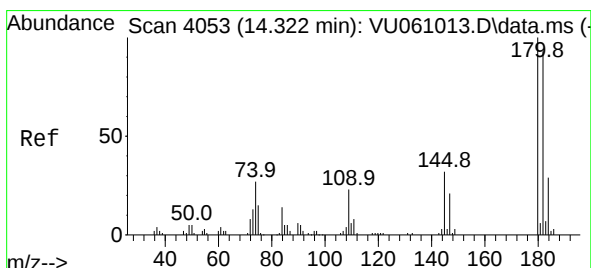
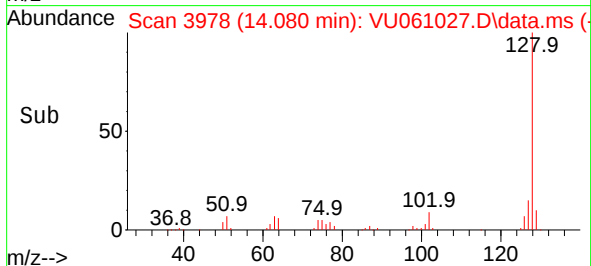
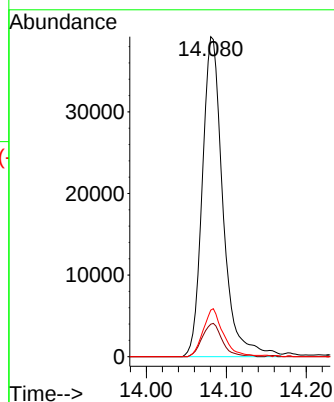


#71
Naphthalene
Concen: 4.515 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 70412
Ion Ratio Lower Upper
128 100
129 10.0 8.3 12.5
127 14.5 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.656 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061027.D
Acq: 27 Sep 2024 09:22

Tgt Ion:180 Resp: 47565
Ion Ratio Lower Upper
180 100
182 97.5 75.7 113.5
145 30.7 23.5 35.3

