

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061578.D
 Acq On : 09 Nov 2024 05:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 00:14:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 01:40:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	164842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	157187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35274	3.150	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.911	69	36484	3.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.560	65	17413	3.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.628	46	122902	54.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.120%
24) Chloroform-d	5.052	84	99531	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.692	65	48375	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.718	84	193528	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	60684	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.888	98	178094	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	20094	3.697	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.624	63	111095	49.903	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51173	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	62802	4.618	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49953	4.545	ug/L	99
3) Chloromethane	1.518	50	47526	4.101	ug/L	99
5) Vinyl chloride	1.602	62	54727	4.295	ug/L	99
6) Bromomethane	1.856	94	35253	4.175	ug/L	100
8) Chloroethane	1.930	64	38761	4.132	ug/L	99
9) Trichlorofluoromethane	2.133	101	88001	5.085	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51176	4.980	ug/L	99
12) 1,1-Dichloroethene	2.573	96	47193	4.842	ug/L	93
13) Acetone	2.650	43	75072	52.135	ug/L	97
14) Carbon disulfide	2.789	76	122369	3.763	ug/L	99
15) Methyl Acetate	2.956	43	19963	5.599	ug/L	100
16) Methylene chloride	3.039	84	57871	5.039	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	131347	4.973	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	51087	4.741	ug/L	97
19) 1,1-Dichloroethane	3.859	63	103348	5.085	ug/L	99
21) 2-Butanone	4.708	43	122773	53.782	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	61894	5.028	ug/L	99
23) Bromochloromethane	4.965	128	27924	5.391	ug/L	97
25) Chloroform	5.078	83	111739	5.229	ug/L	99

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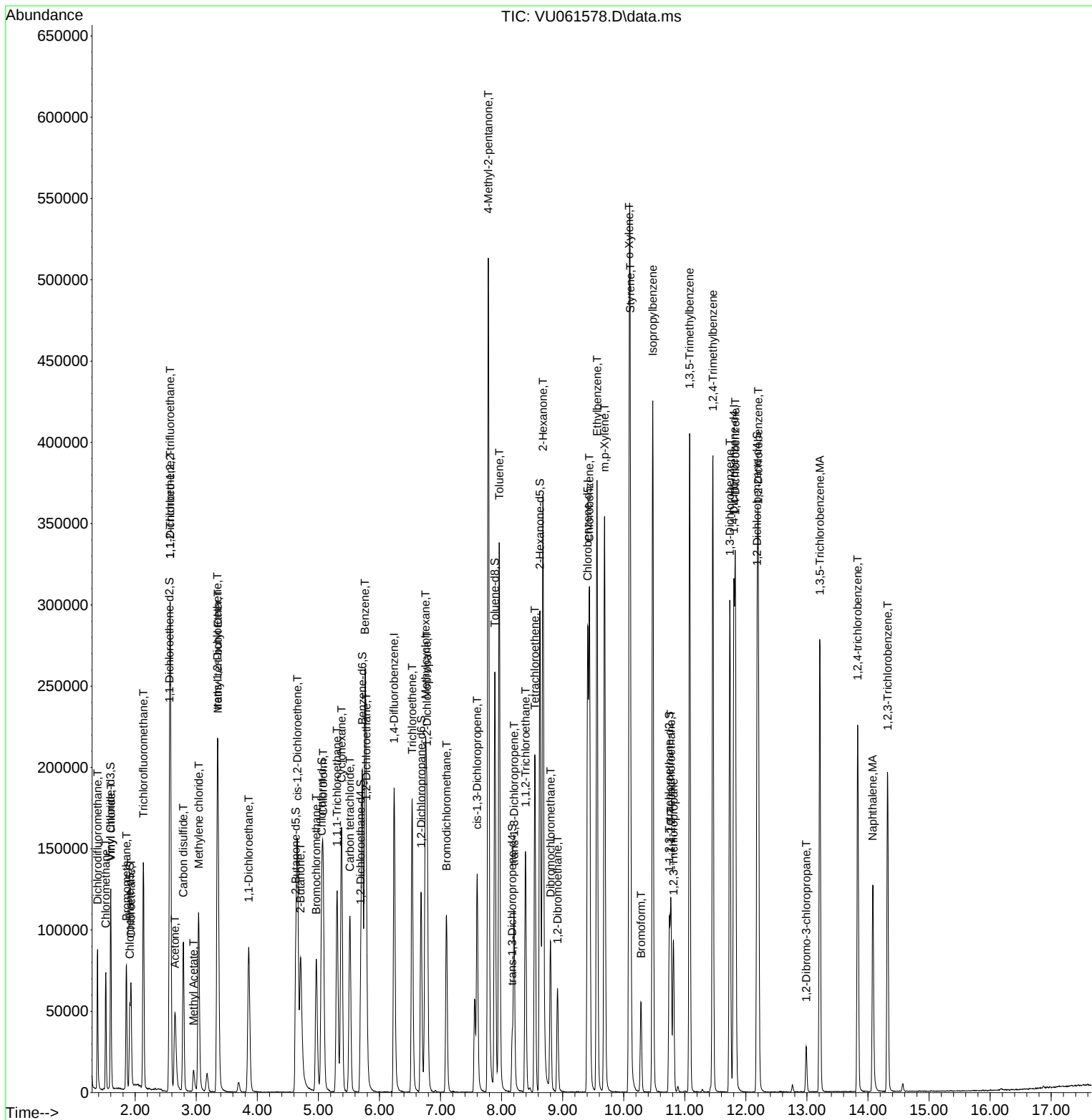
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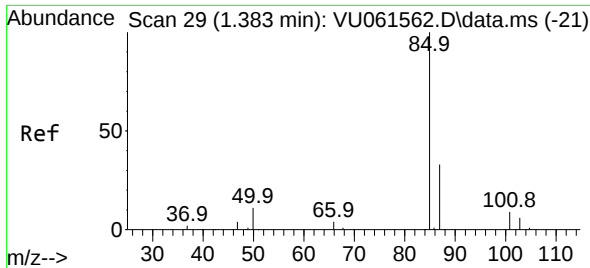
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68320	5.059	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	88966	4.622	ug/L	98
30) Cyclohexane	5.377	56	82196	4.257	ug/L	99
31) Carbon tetrachloride	5.515	117	74818	4.543	ug/L	98
33) Benzene	5.763	78	239723	4.931	ug/L	100
34) Trichloroethene	6.534	95	62724	4.743	ug/L	97
35) Methylcyclohexane	6.753	83	86551	4.112	ug/L	97
37) 1,2-Dichloropropane	6.779	63	62196	5.048	ug/L	100
38) Bromodichloromethane	7.097	83	74159	4.755	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	81902	4.303	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	318381	51.916	ug/L	99
42) Toluene	7.962	91	260658	4.938	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	66961	4.318	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	48020	5.415	ug/L	99
47) Tetrachloroethene	8.544	164	44841	4.855	ug/L	96
48) 2-Hexanone	8.676	43	229000	52.806	ug/L	98
49) Dibromochloromethane	8.801	129	47100	4.683	ug/L	96
50) 1,2-Dibromoethane	8.914	107	43997	5.107	ug/L	97
51) Chlorobenzene	9.438	112	167838	5.030	ug/L	99
52) Ethylbenzene	9.563	91	280959	4.838	ug/L	99
53) m,p-Xylene	9.685	106	105259	4.758	ug/L	97
54) o-Xylene	10.090	106	106606	4.883	ug/L	99
55) Styrene	10.107	104	173093	4.945	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	57587	5.389	ug/L	99
59) Bromoform	10.283	173	25004	4.399	ug/L	99
60) Isopropylbenzene	10.476	105	278293	4.744	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39696	5.189	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	219665	4.600	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	217173	4.600	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	125549	5.085	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	123897	4.922	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	118975	5.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7197	4.481	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	85598	5.058	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	69577	5.094	ug/L	99
71) Naphthalene	14.077	128	110931	5.147	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60900	5.330	ug/L	99

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

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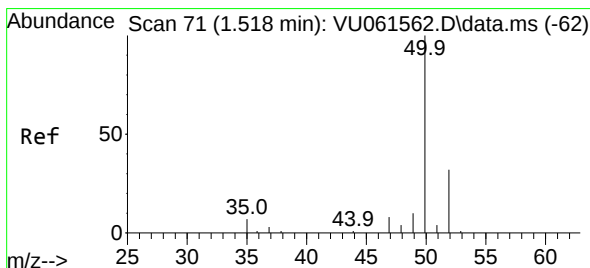
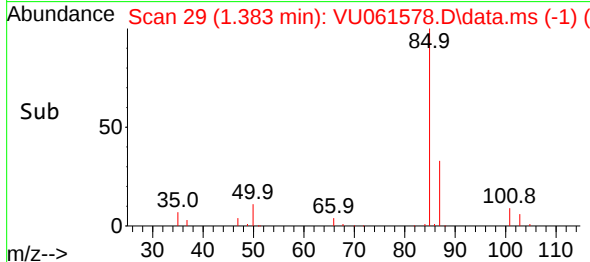
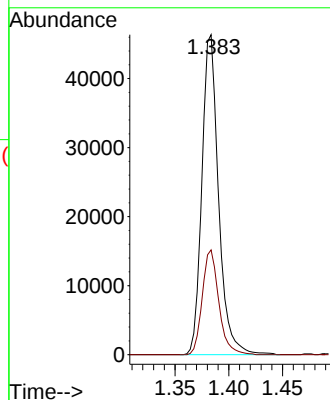
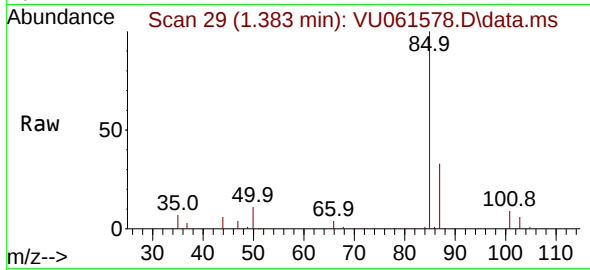




#2
Dichlorodifluoromethane
Concen: 4.545 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

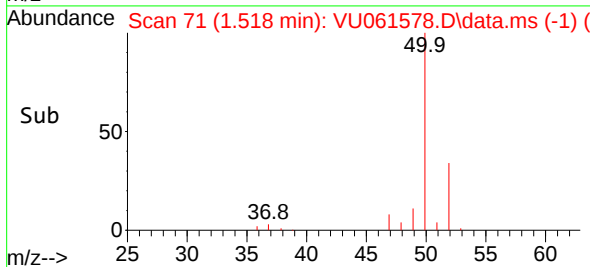
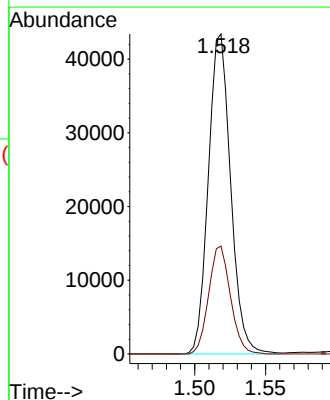
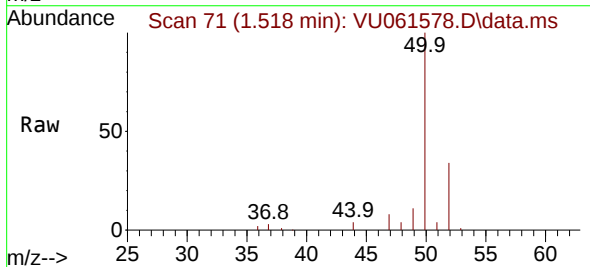
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MSVOA_U
ClientSampleId :

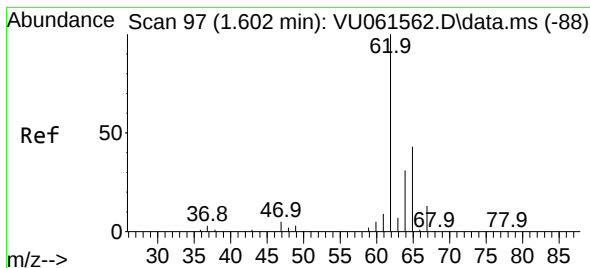
Tgt Ion: 85 Resp: 49953
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 4.101 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion: 50 Resp: 47526
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.4





#5

Vinyl chloride

Concen: 4.295 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

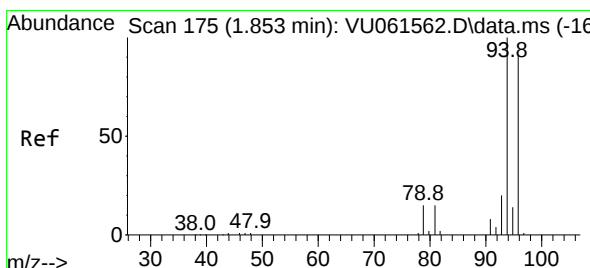
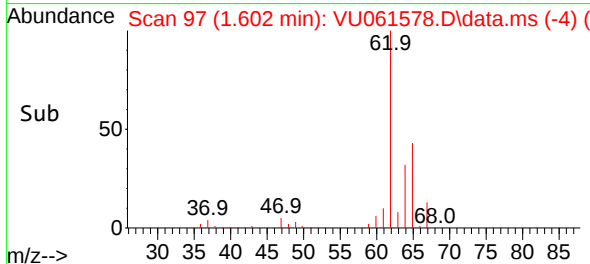
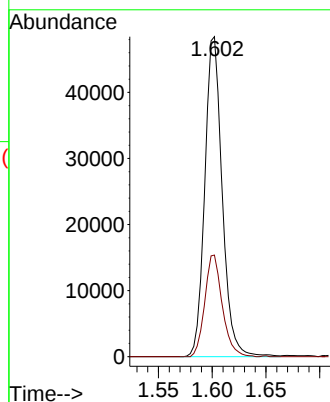
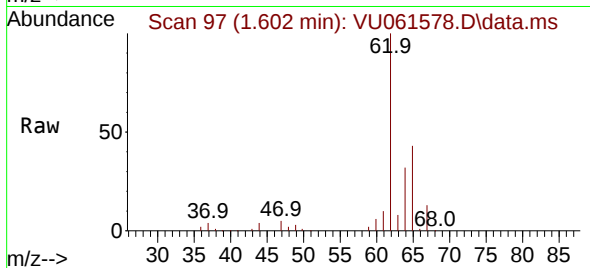
ClientSampleId :

Tgt Ion: 62 Resp: 54727

Ion Ratio Lower Upper

62 100

64 31.7 22.6 42.0



#6

Bromomethane

Concen: 4.175 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU061578.D

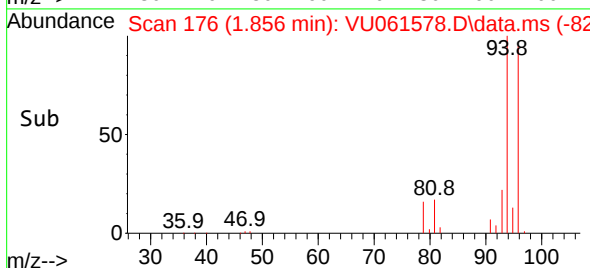
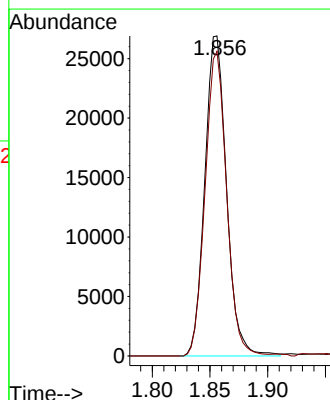
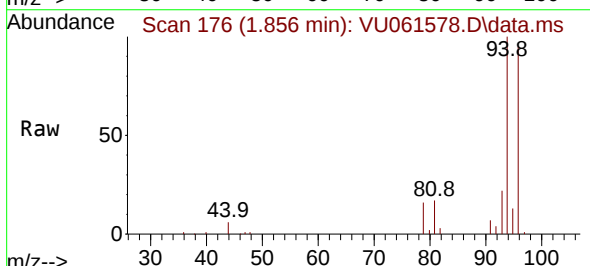
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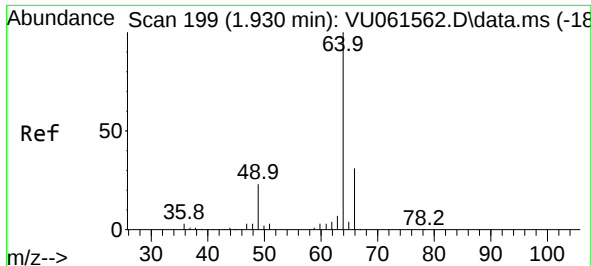
Tgt Ion: 94 Resp: 35253

Ion Ratio Lower Upper

94 100

96 95.2 66.9 124.3

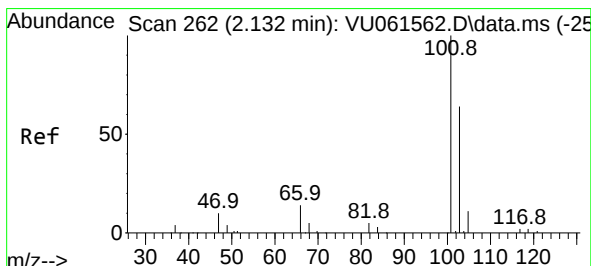
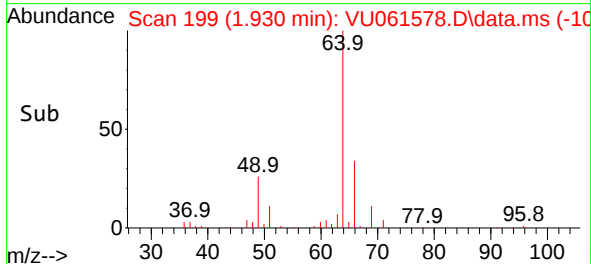
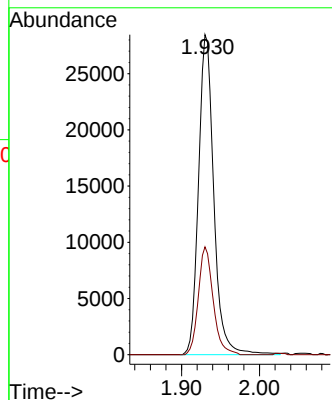
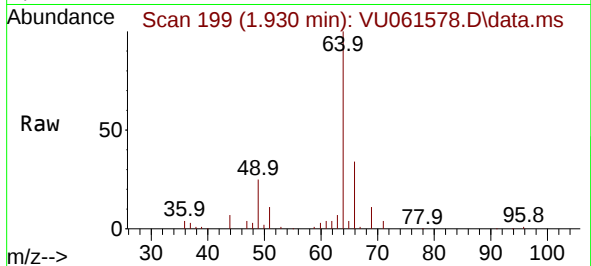




#8
Chloroethane
Concen: 4.132 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

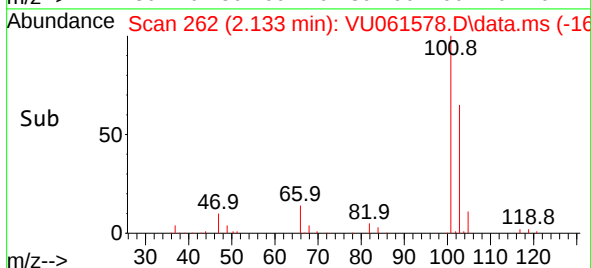
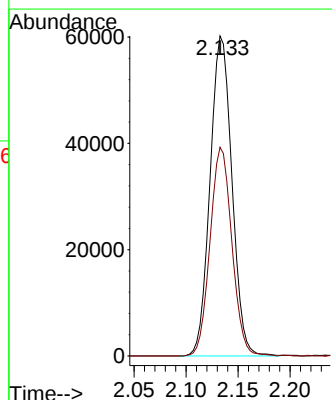
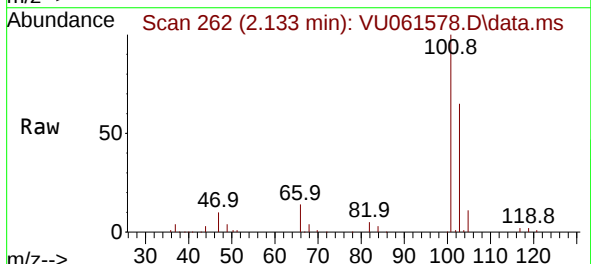
Instrument :
MSVOA_U
ClientSampleId :

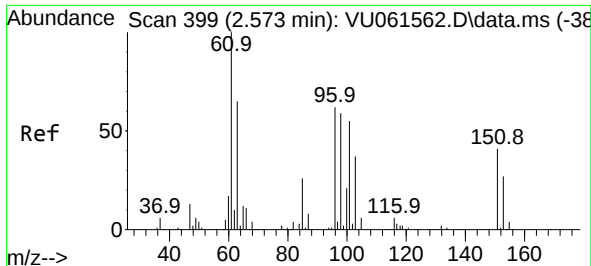
Tgt Ion: 64 Resp: 38761
Ion Ratio Lower Upper
64 100
66 33.7 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.085 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion:101 Resp: 88001
Ion Ratio Lower Upper
101 100
103 65.1 50.6 75.8

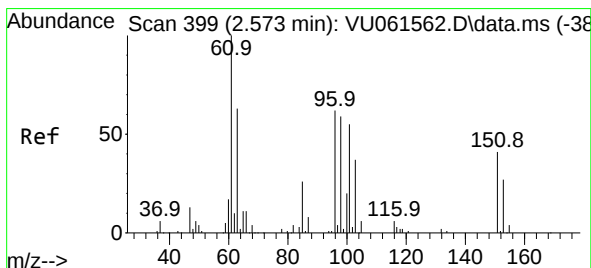
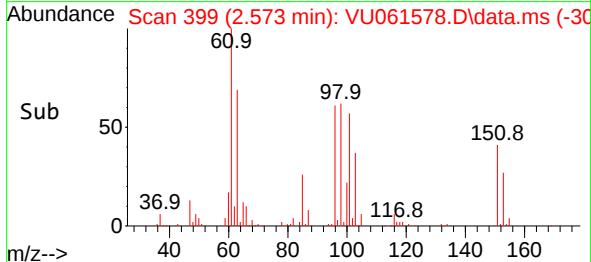
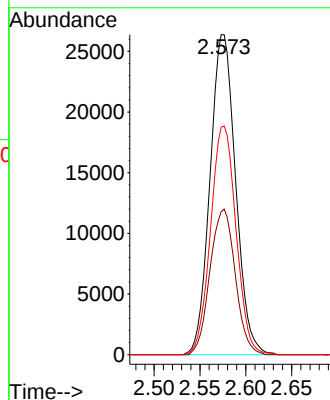
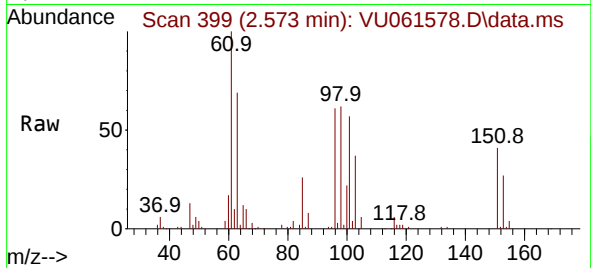




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.980 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061578.D
 Acq: 09 Nov 2024 05:02

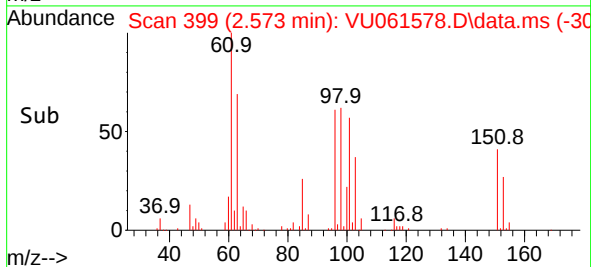
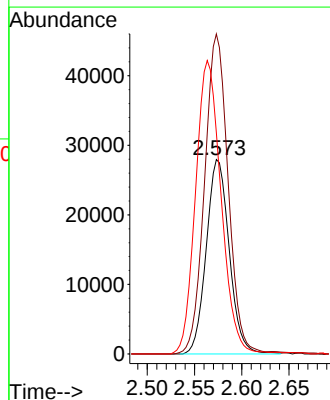
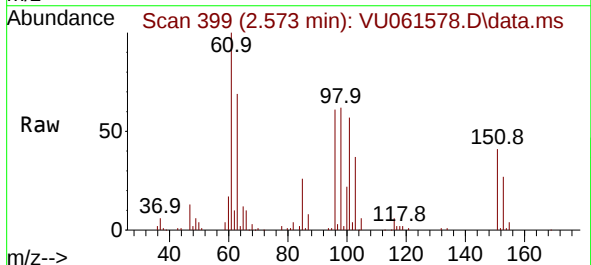
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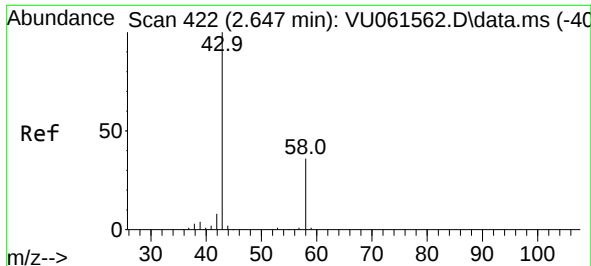
Tgt Ion:101 Resp: 51176
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.6 53.4
 151 71.1 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 4.842 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061578.D
 Acq: 09 Nov 2024 05:02

Tgt Ion: 96 Resp: 47193
 Ion Ratio Lower Upper
 96 100
 61 164.6 119.1 221.1
 63 113.8 89.4 166.0





#13

Acetone

Concen: 52.135 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

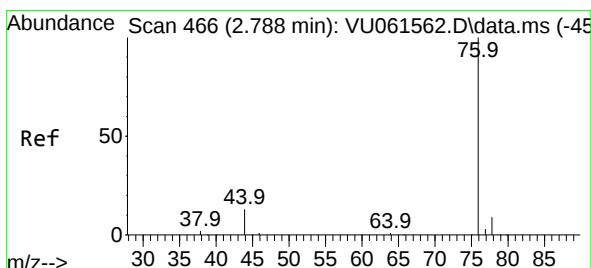
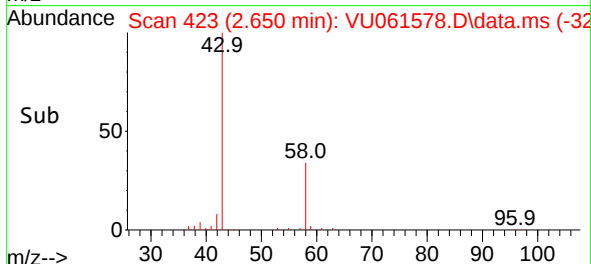
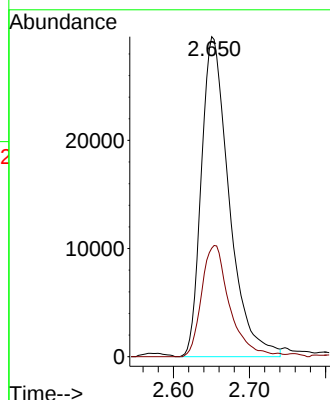
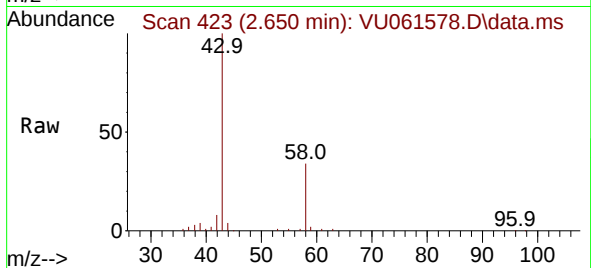
ClientSampleId :

Tgt Ion: 43 Resp: 75072

Ion Ratio Lower Upper

43 100

58 34.8 0.0 73.2



#14

Carbon disulfide

Concen: 3.763 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061578.D

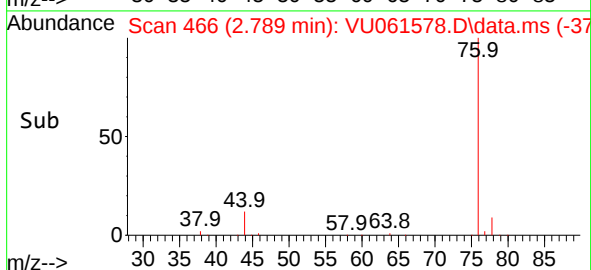
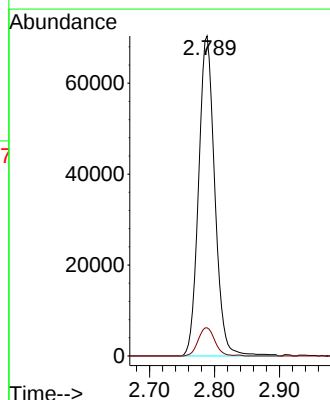
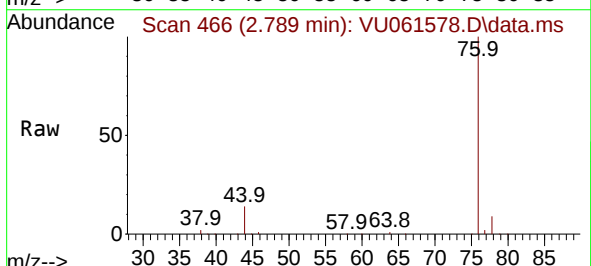
Acq: 09 Nov 2024 05:02

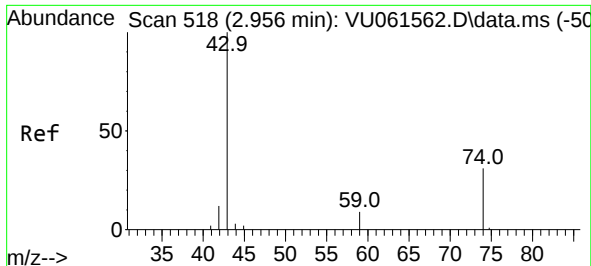
Tgt Ion: 76 Resp: 122369

Ion Ratio Lower Upper

76 100

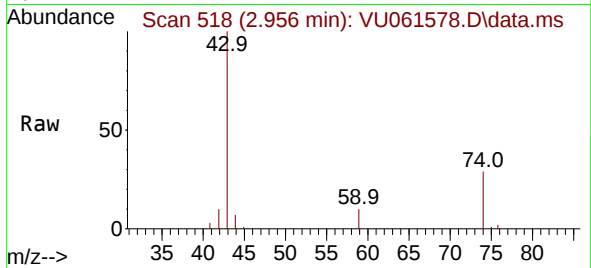
78 8.8 7.4 11.2



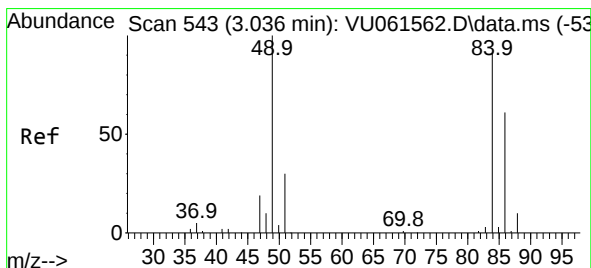
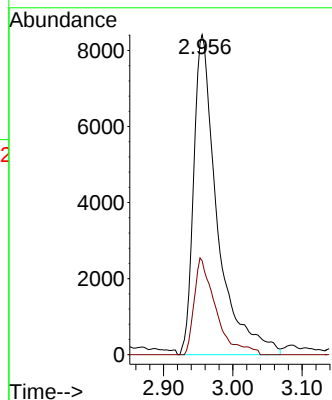
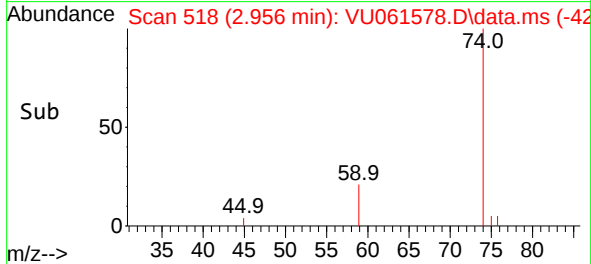


#15
Methyl Acetate
Concen: 5.599 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Instrument :
MSVOA_U
ClientSampleId :

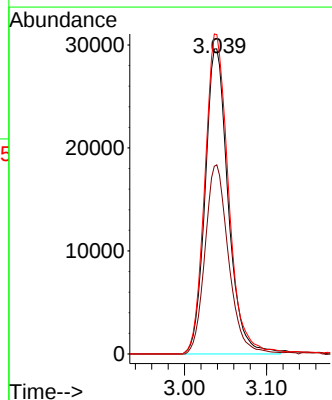
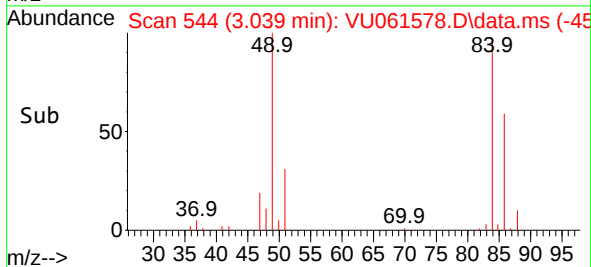
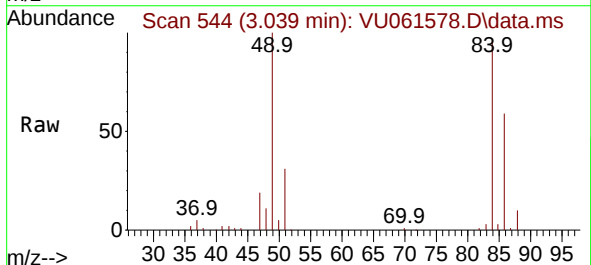


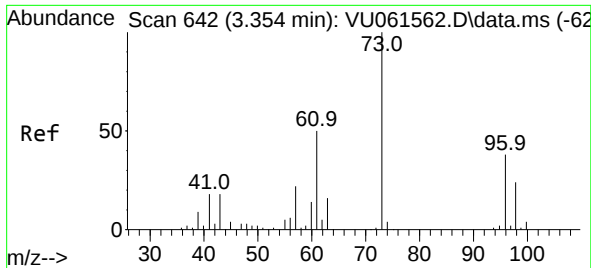
Tgt Ion: 43 Resp: 19963
Ion Ratio Lower Upper
43 100
74 27.6 22.2 33.4



#16
Methylene chloride
Concen: 5.039 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion: 84 Resp: 57871
Ion Ratio Lower Upper
84 100
86 62.0 43.5 80.7
49 104.7 75.7 140.7

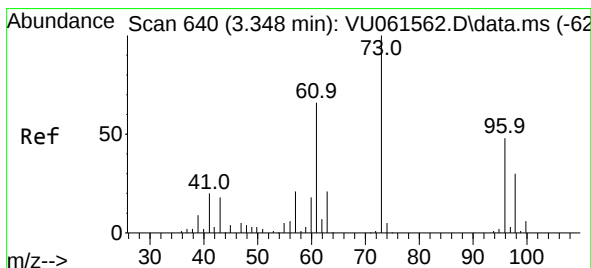
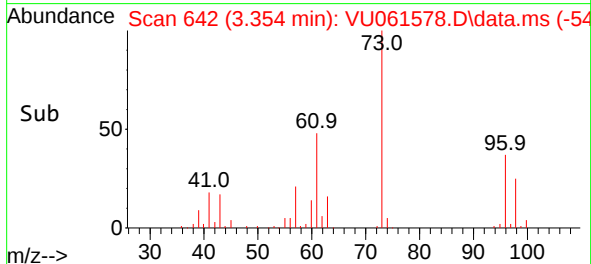
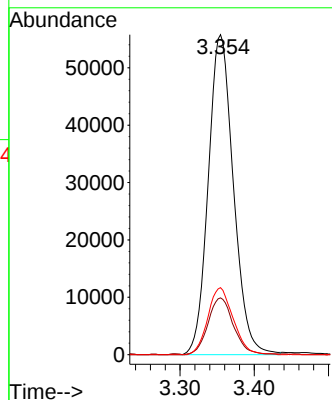
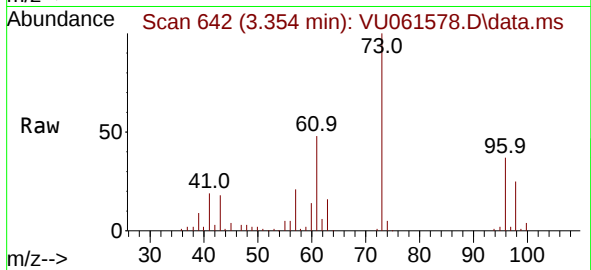




#17
Methyl tert-butyl Ether
Concen: 4.973 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

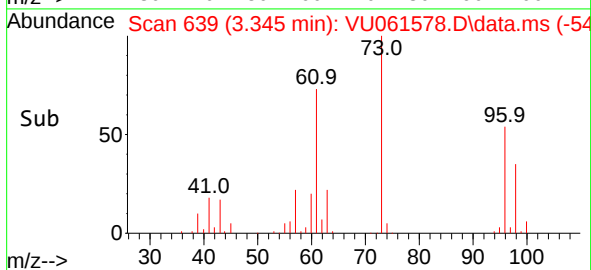
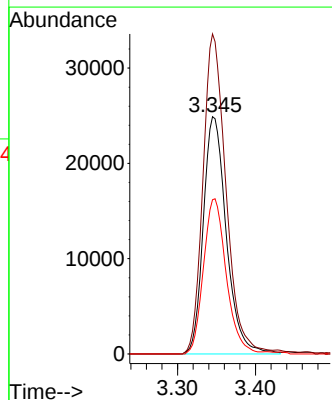
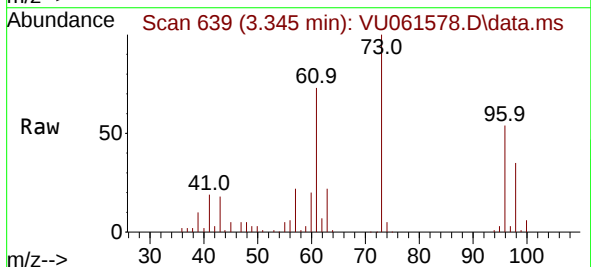
Instrument :
MSVOA_U
ClientSampleId :

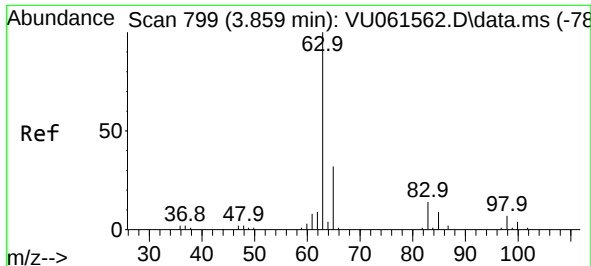
Tgt Ion: 73 Resp: 131347
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 21.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.741 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion: 96 Resp: 51087
Ion Ratio Lower Upper
96 100
61 134.9 97.9 181.7
98 65.0 46.2 85.8





#19

1,1-Dichloroethane

Concen: 5.085 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

ClientSampleId :

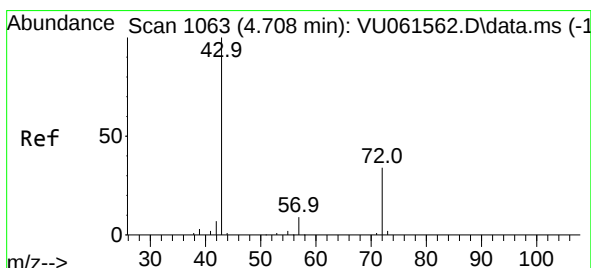
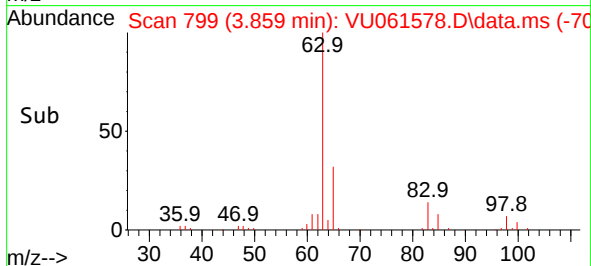
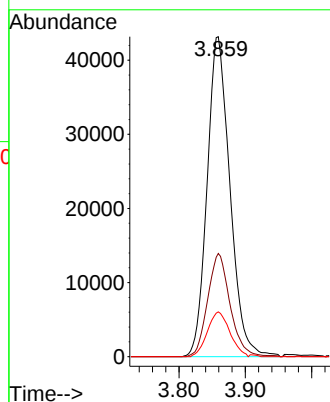
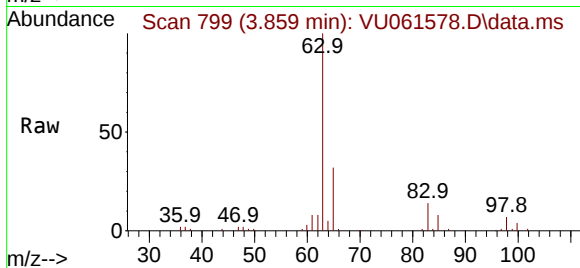
Tgt Ion: 63 Resp: 103348

Ion Ratio Lower Upper

63 100

65 32.2 23.0 42.6

83 14.0 9.7 17.9



#21

2-Butanone

Concen: 53.782 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VU061578.D

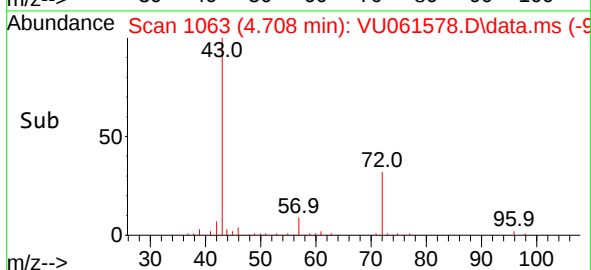
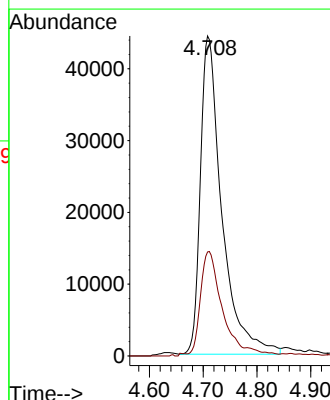
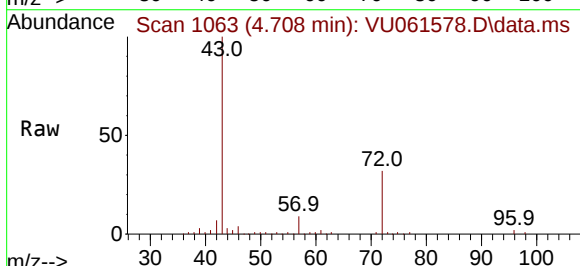
Acq: 09 Nov 2024 05:02

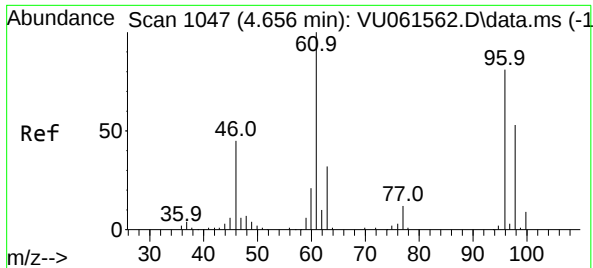
Tgt Ion: 43 Resp: 122773

Ion Ratio Lower Upper

43 100

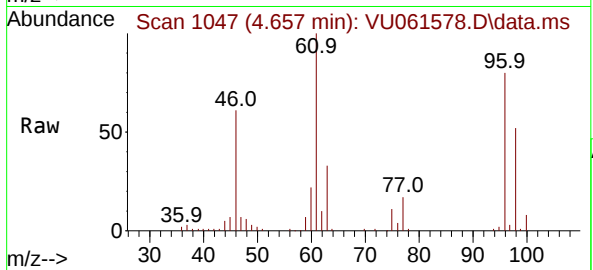
72 31.9 15.9 47.6



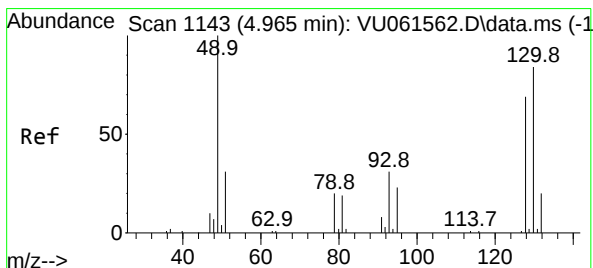
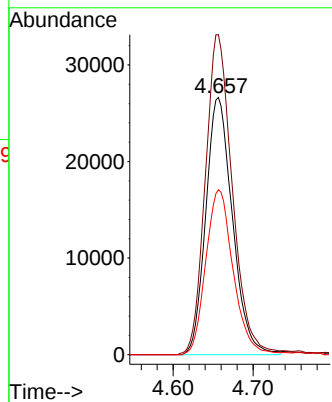
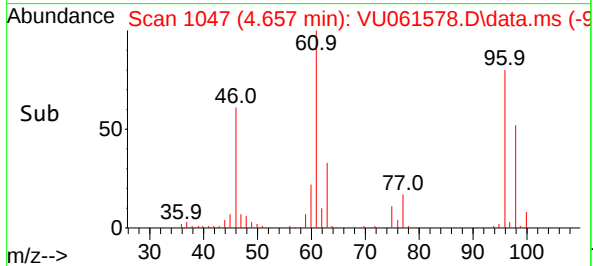


#22
 cis-1,2-Dichloroethene
 Concen: 5.028 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061578.D
 Acq: 09 Nov 2024 05:02

Instrument :
 MSVOA_U
 ClientSampleId :

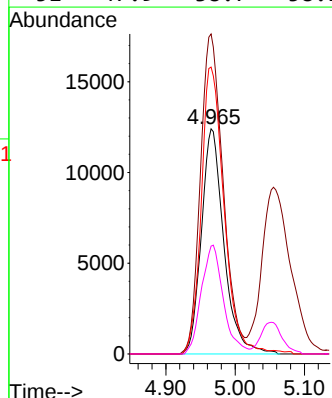
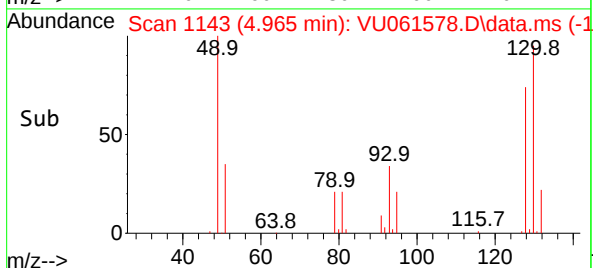
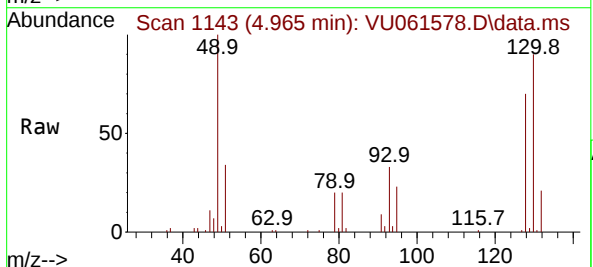


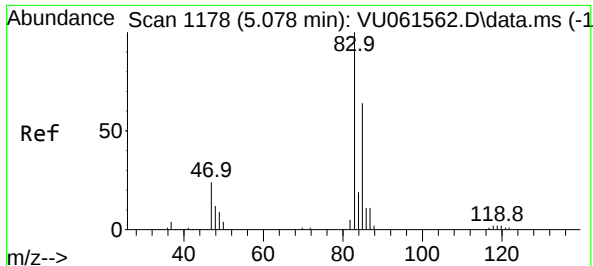
Tgt Ion: 96 Resp: 61894
 Ion Ratio Lower Upper
 96 100
 61 124.4 88.1 163.5
 98 64.1 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.391 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061578.D
 Acq: 09 Nov 2024 05:02

Tgt Ion: 128 Resp: 27924
 Ion Ratio Lower Upper
 128 100
 49 142.1 105.1 195.1
 130 127.4 89.6 166.4
 51 47.9 38.7 58.1





#25

Chloroform

Concen: 5.229 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

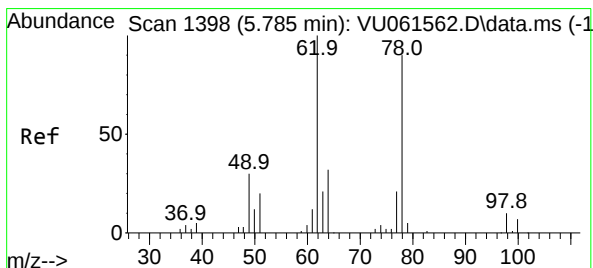
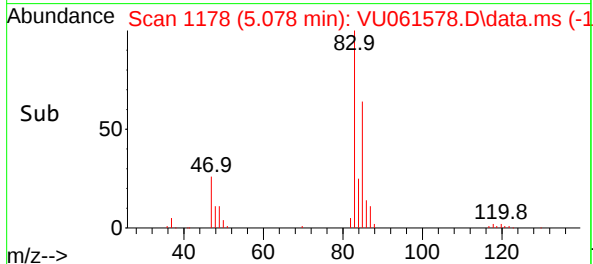
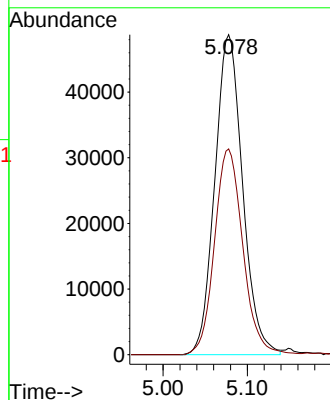
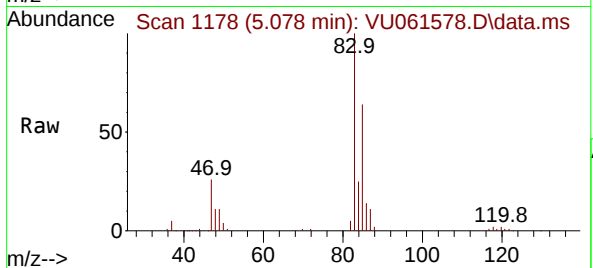
ClientSampleId :

Tgt Ion: 83 Resp: 111739

Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.059 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061578.D

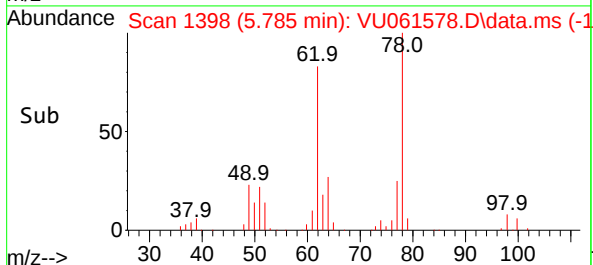
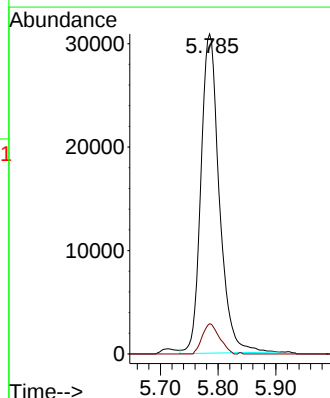
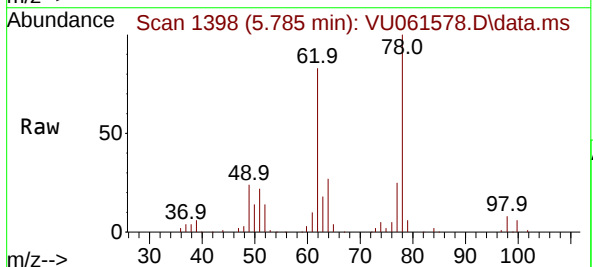
Acq: 09 Nov 2024 05:02

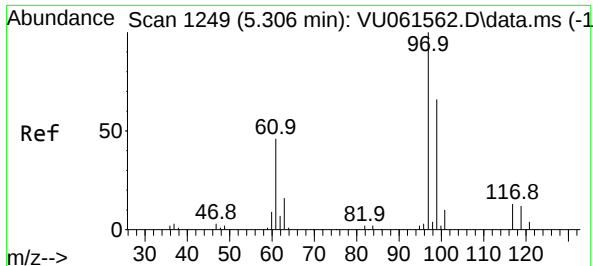
Tgt Ion: 62 Resp: 68320

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0

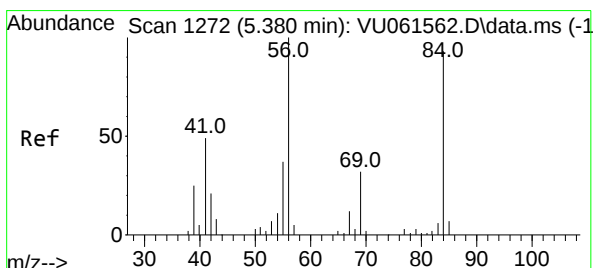
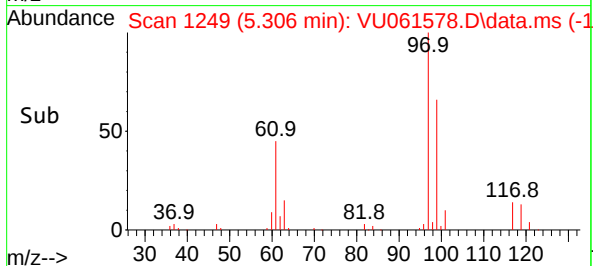
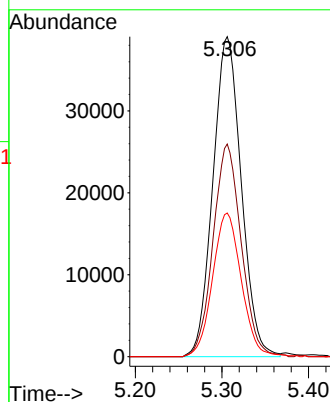
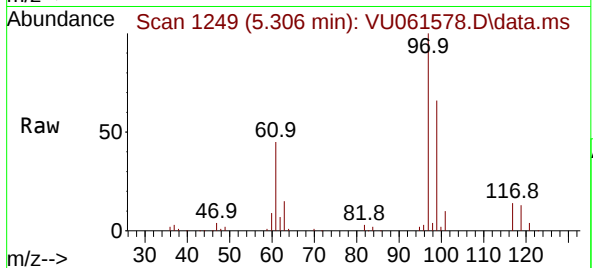




#29
1,1,1-Trichloroethane
Concen: 4.622 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

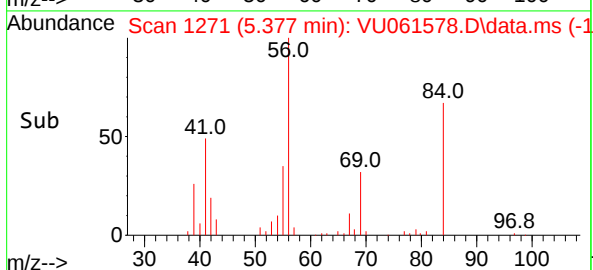
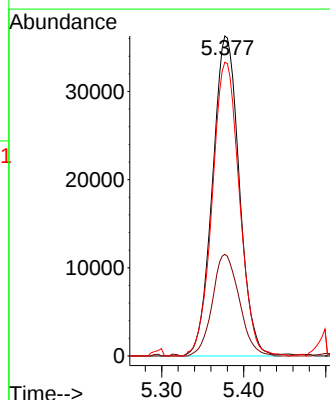
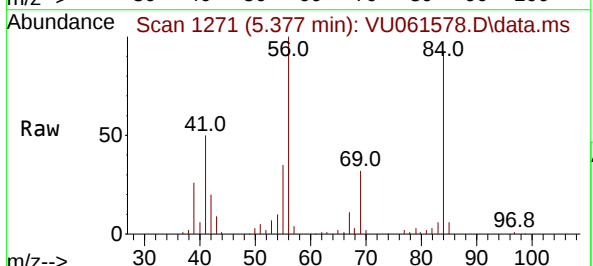
Instrument :
MSVOA_U
ClientSampleId :

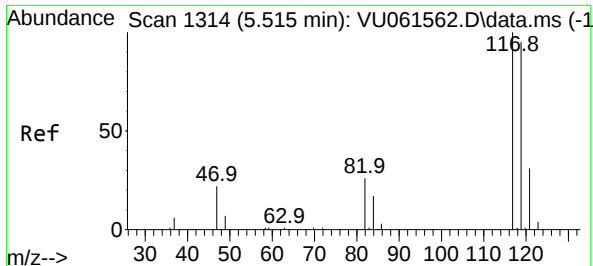
Tgt Ion: 97 Resp: 88966
Ion Ratio Lower Upper
97 100
99 65.9 50.8 76.2
61 45.5 36.1 54.1



#30
Cyclohexane
Concen: 4.257 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion: 56 Resp: 82196
Ion Ratio Lower Upper
56 100
69 32.0 25.8 38.6
84 93.2 73.9 110.9

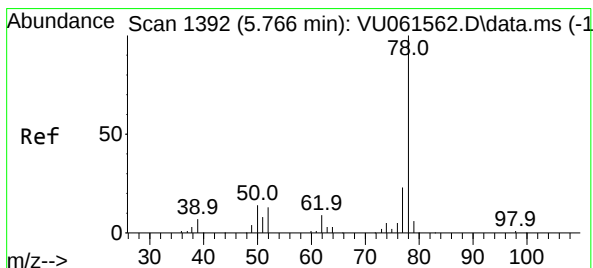
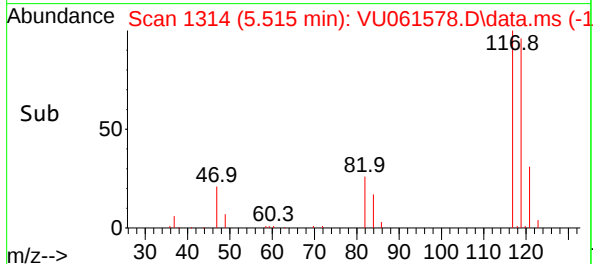
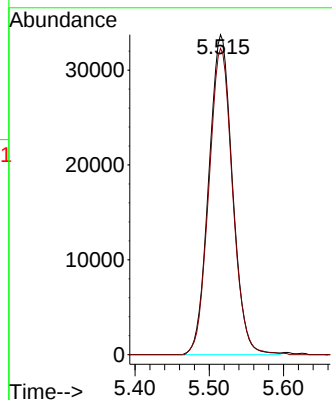
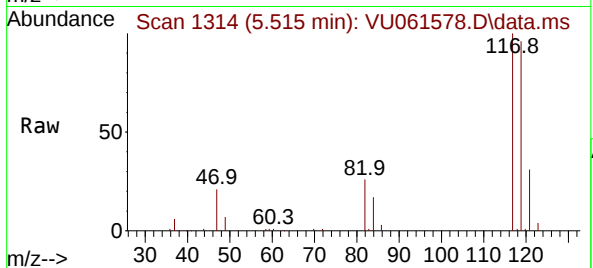




#31
Carbon tetrachloride
Concen: 4.543 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

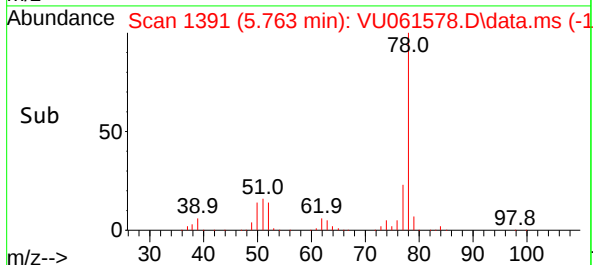
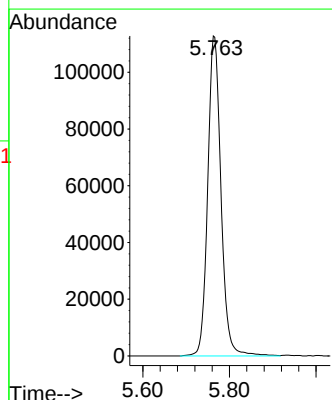
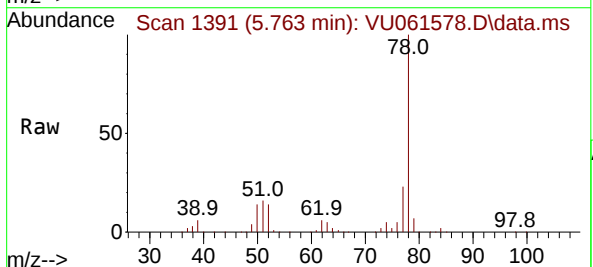
Instrument :
MSVOA_U
ClientSampleId :

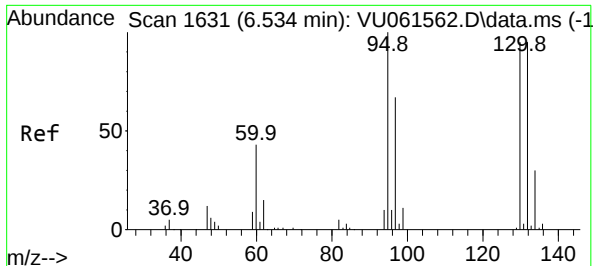
Tgt Ion:117 Resp: 74818
Ion Ratio Lower Upper
117 100
119 96.0 75.5 113.3



#33
Benzene
Concen: 4.931 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion: 78 Resp: 239723

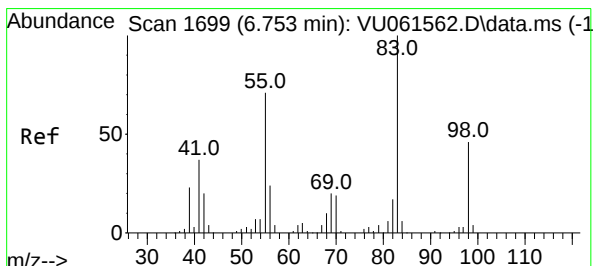
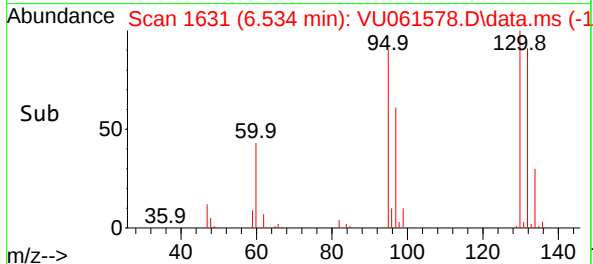
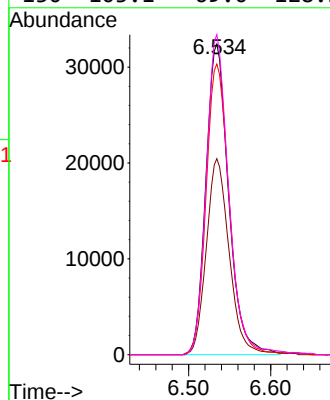
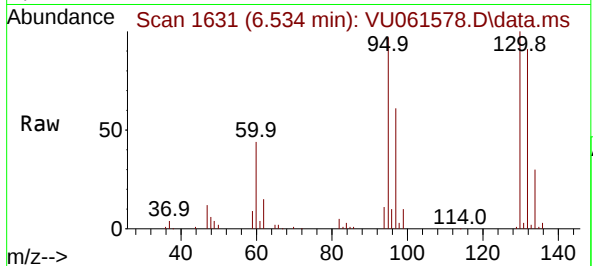




#34
Trichloroethene
Concen: 4.743 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

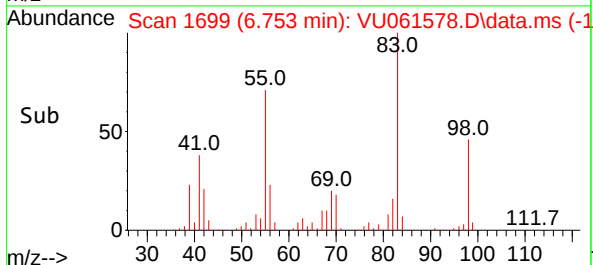
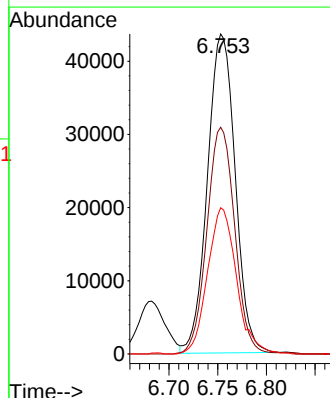
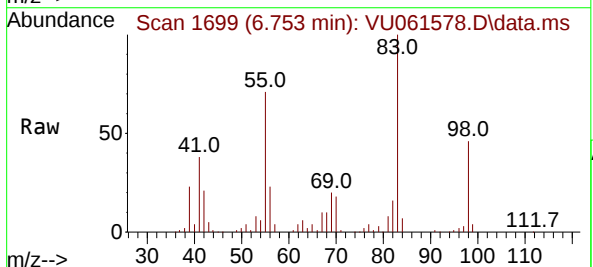
Instrument :
MSVOA_U
ClientSampleId :

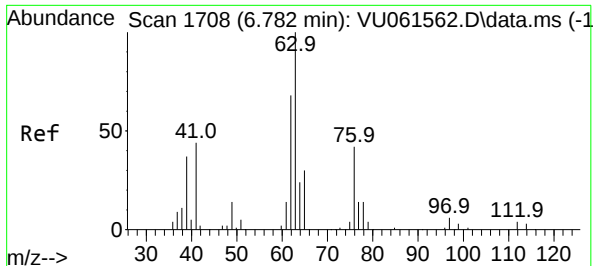
Tgt Ion: 95 Resp: 62724
Ion Ratio Lower Upper
95 100
97 63.1 46.1 85.7
132 93.7 66.1 122.7
130 103.1 69.0 128.2



#35
Methylcyclohexane
Concen: 4.112 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion: 83 Resp: 86551
Ion Ratio Lower Upper
83 100
55 71.2 55.9 83.9
98 47.6 35.9 53.9





#37

1,2-Dichloropropane

Concen: 5.048 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

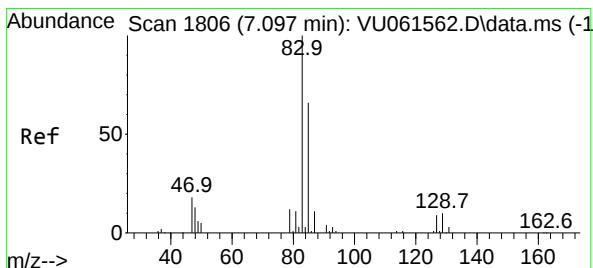
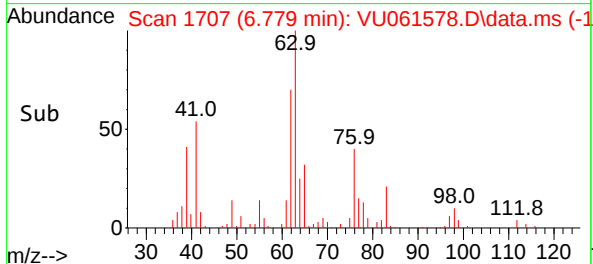
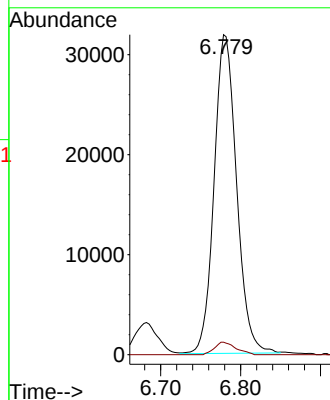
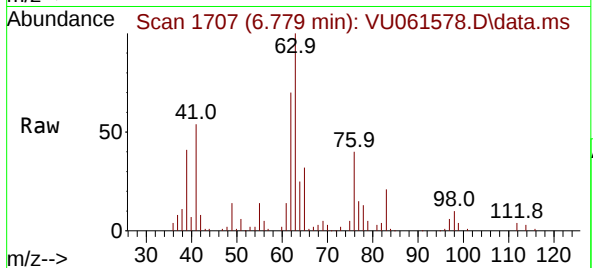
ClientSampleId :

Tgt Ion: 63 Resp: 62196

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 4.755 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

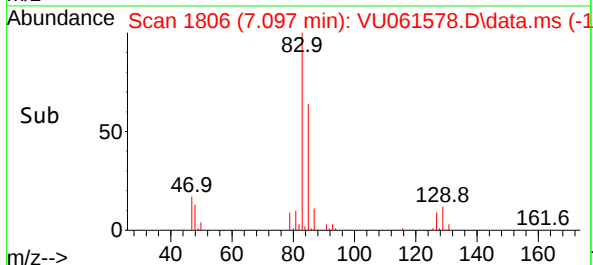
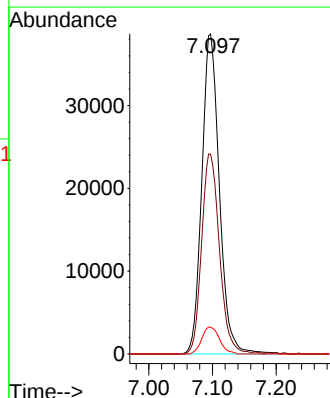
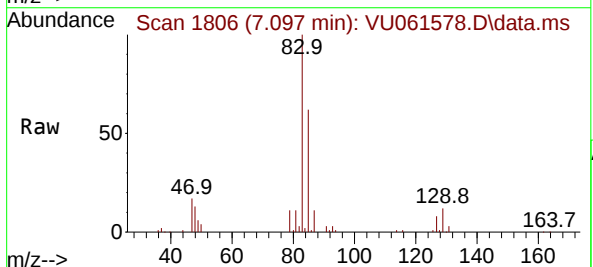
Tgt Ion: 83 Resp: 74159

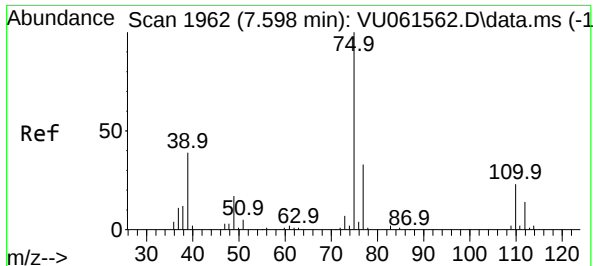
Ion Ratio Lower Upper

83 100

85 62.5 43.8 81.4

127 8.4 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 4.303 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

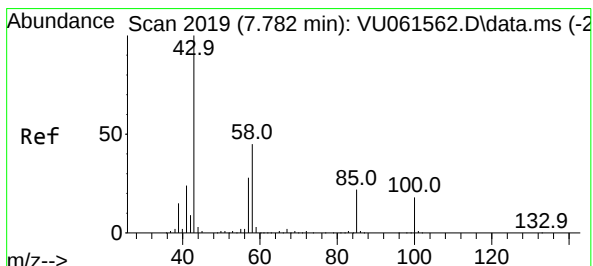
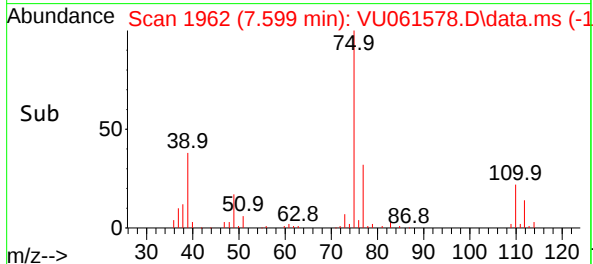
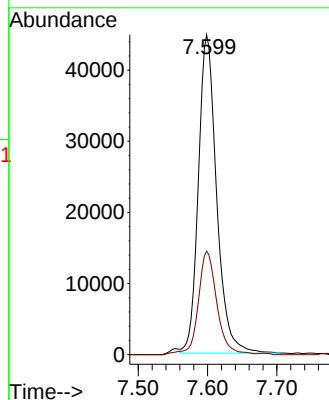
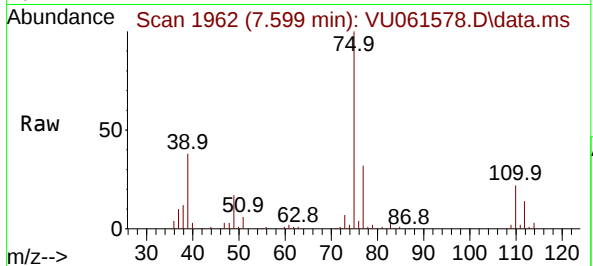
ClientSampleId :

Tgt Ion: 75 Resp: 81902

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 51.916 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

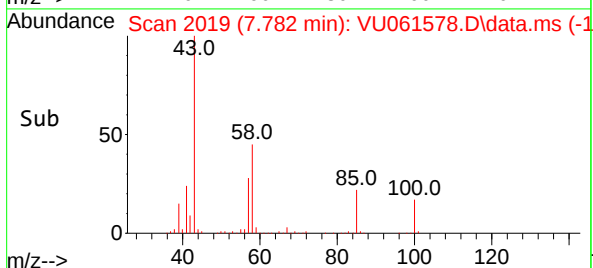
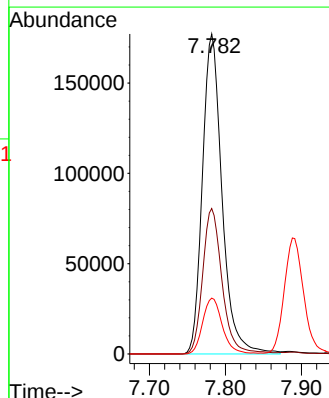
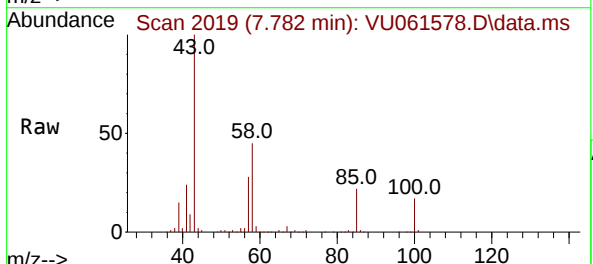
Tgt Ion: 43 Resp: 318381

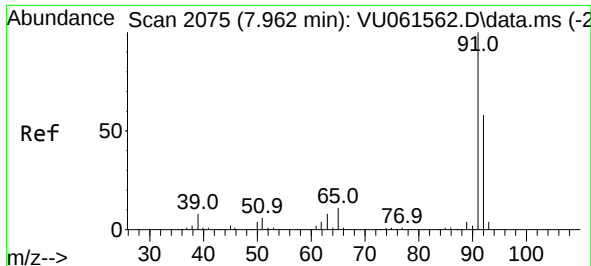
Ion Ratio Lower Upper

43 100

58 45.0 35.1 52.7

100 17.5 14.0 21.0





#42

Toluene

Concen: 4.938 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

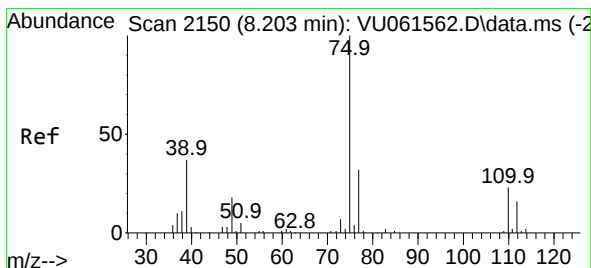
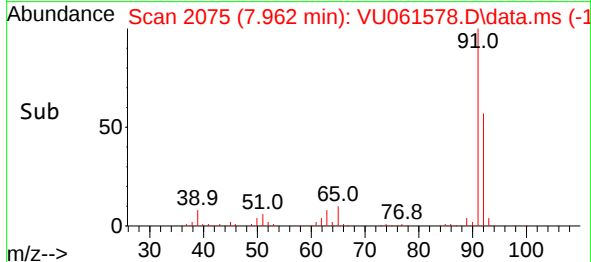
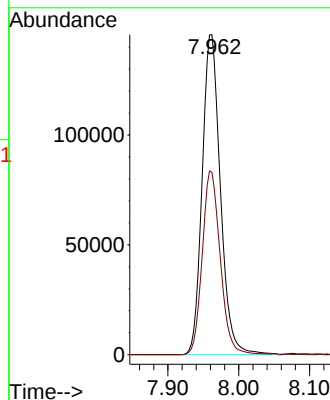
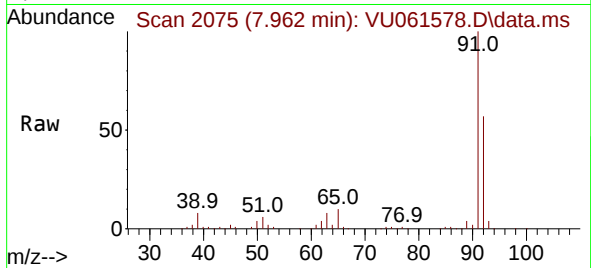
ClientSampleId :

Tgt Ion: 91 Resp: 260658

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.318 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061578.D

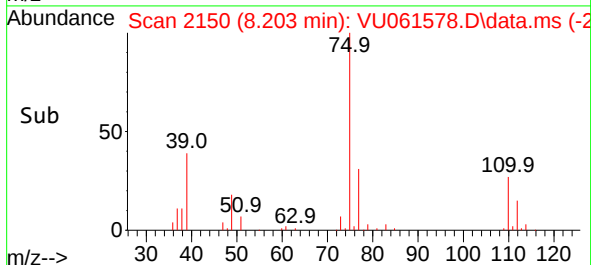
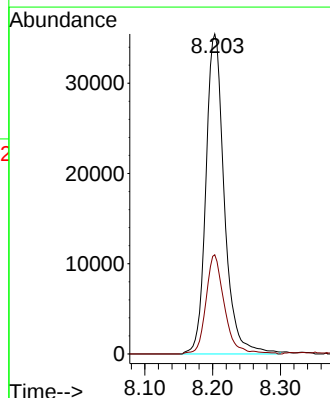
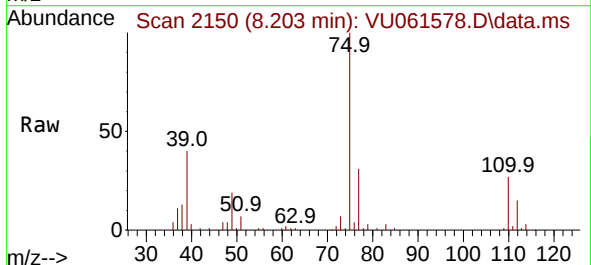
Acq: 09 Nov 2024 05:02

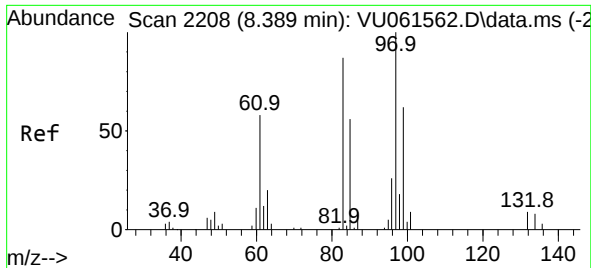
Tgt Ion: 75 Resp: 66961

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8

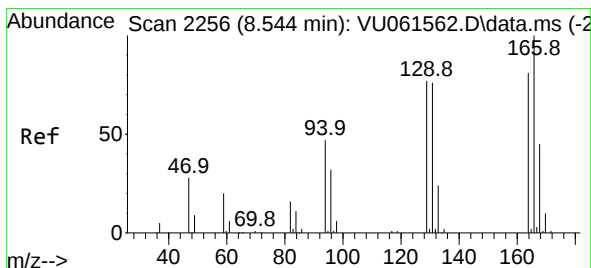
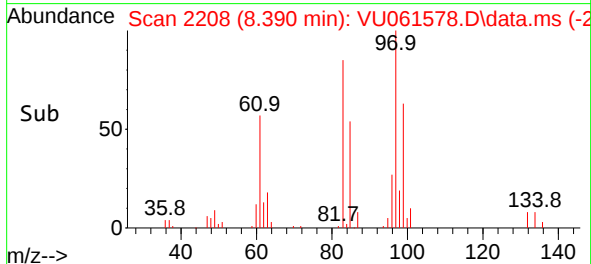
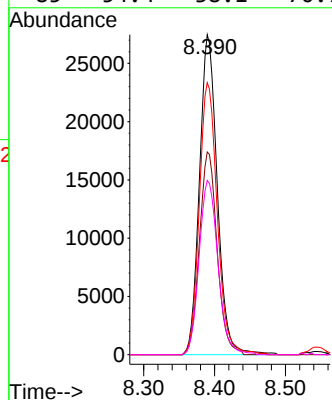
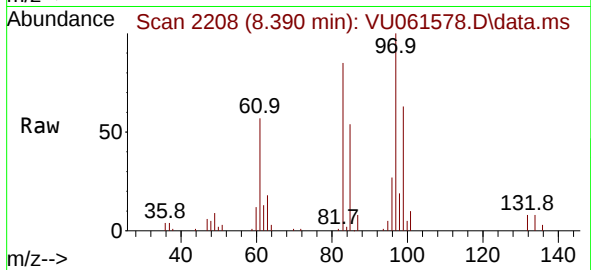




#45
1,1,2-Trichloroethane
Concen: 5.415 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

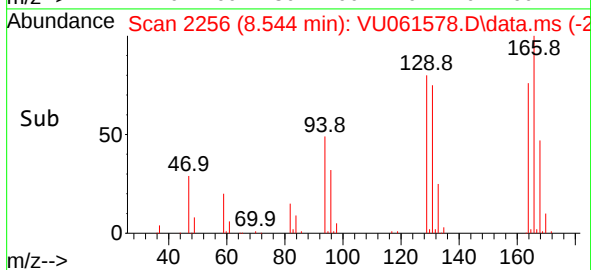
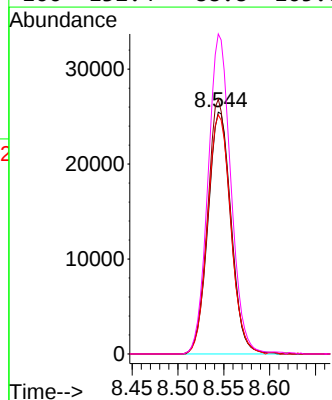
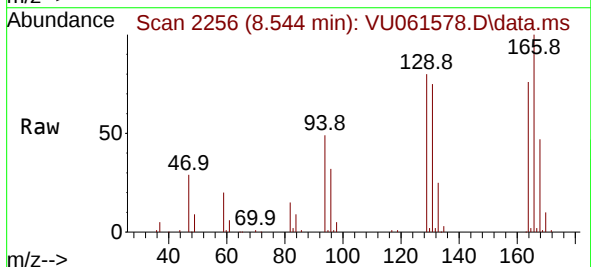
Instrument :
MSVOA_U
ClientSampleId :

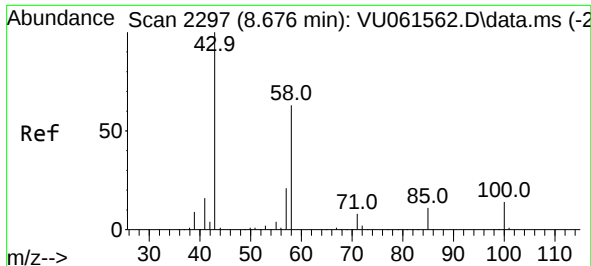
Tgt Ion:	97	Resp:	48020
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.1	81.9
83	85.0	61.2	113.6
85	54.4	38.1	70.7



#47
Tetrachloroethene
Concen: 4.855 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion:	164	Resp:	44841
Ion	Ratio	Lower	Upper
164	100		
129	105.4	69.9	129.7
131	99.0	68.3	126.8
166	132.4	88.8	165.0

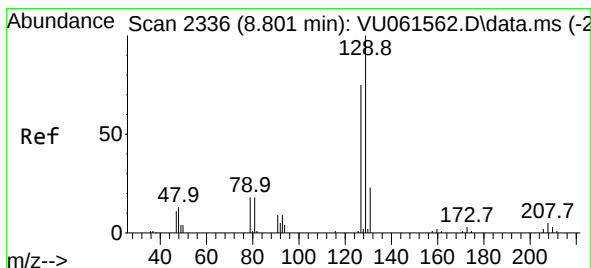
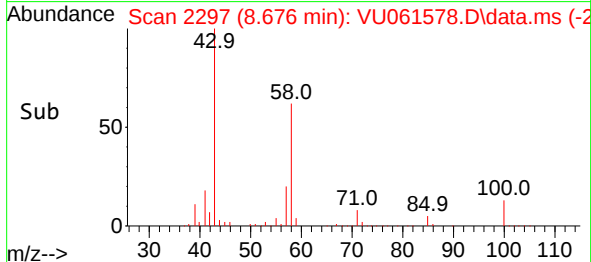
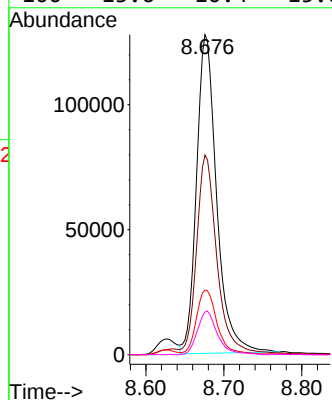
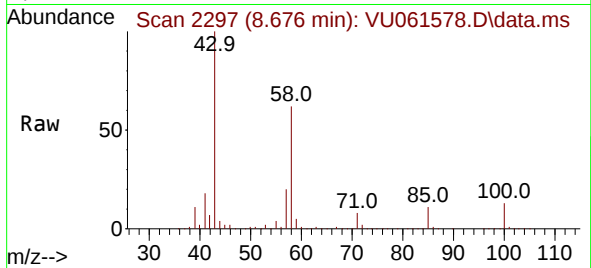




#48
2-Hexanone
Concen: 52.806 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

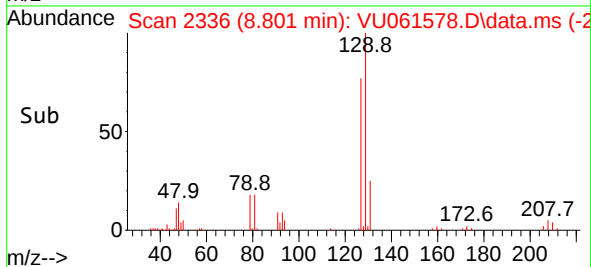
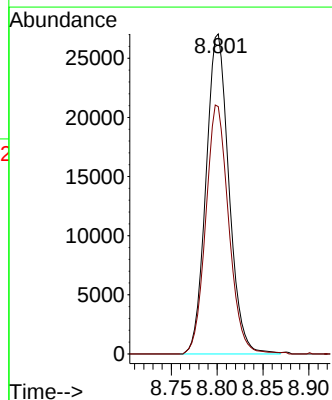
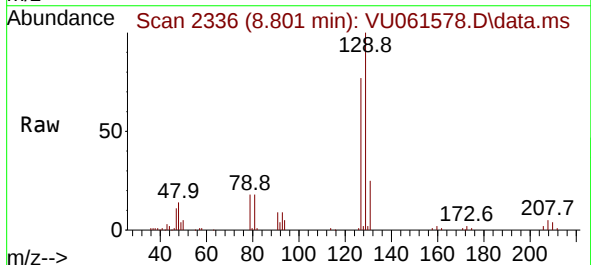
Instrument :
MSVOA_U
ClientSampleId :

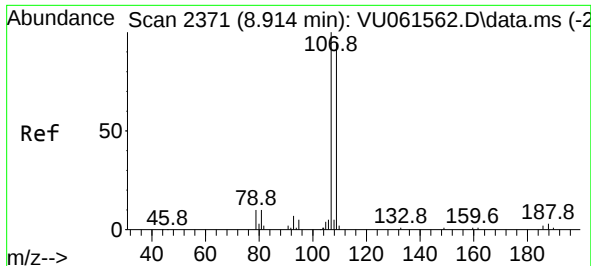
Tgt Ion:	43	Resp:	229000
Ion	Ratio	Lower	Upper
43	100		
58	62.9	48.6	72.8
57	20.6	17.0	25.6
100	13.6	10.4	15.6



#49
Dibromochloromethane
Concen: 4.683 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion:	129	Resp:	47100
Ion	Ratio	Lower	Upper
129	100		
127	77.3	51.8	96.2





#50

1,2-Dibromoethane

Concen: 5.107 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

ClientSampleId :

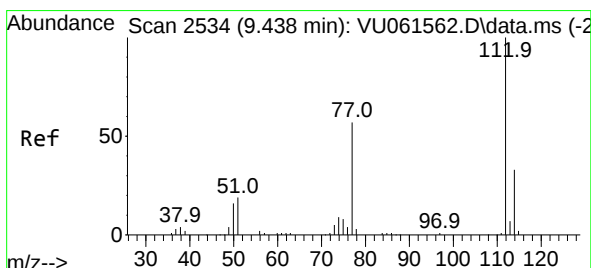
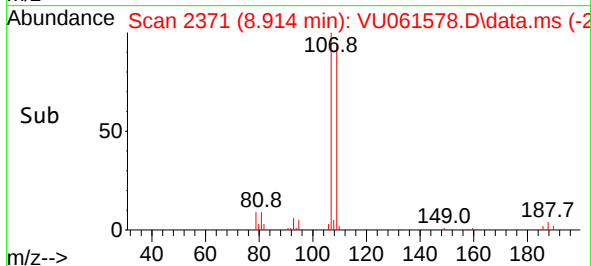
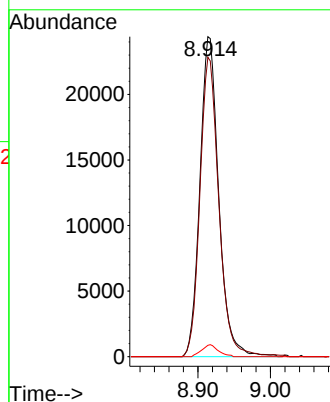
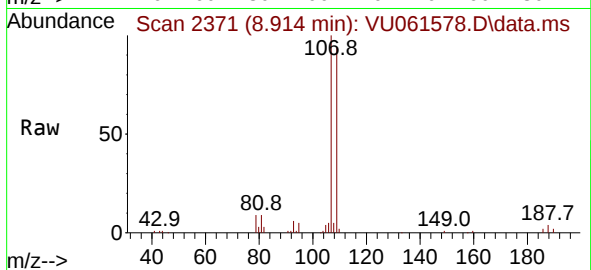
Tgt Ion:107 Resp: 43997

Ion Ratio Lower Upper

107 100

109 93.5 63.4 117.8

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 5.030 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

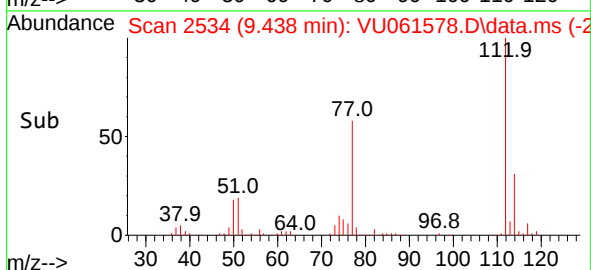
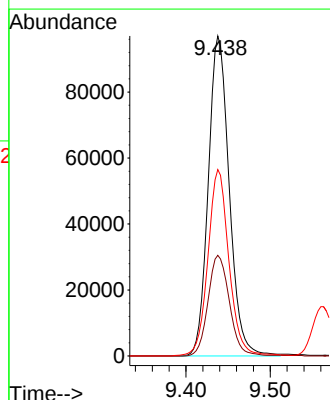
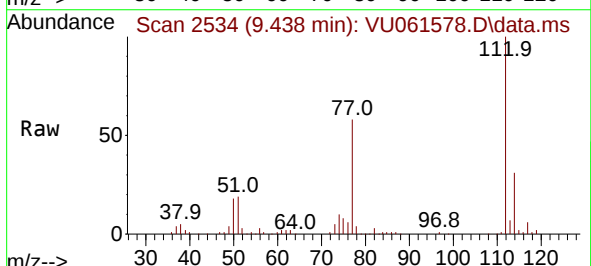
Tgt Ion:112 Resp: 167838

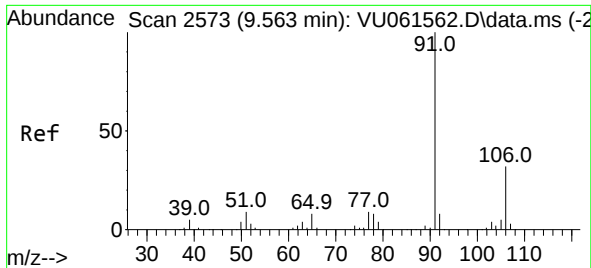
Ion Ratio Lower Upper

112 100

114 31.5 22.9 42.5

77 58.3 47.1 70.7

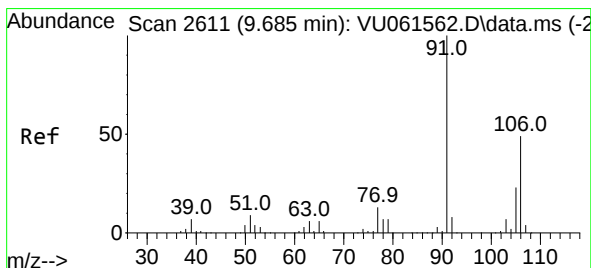
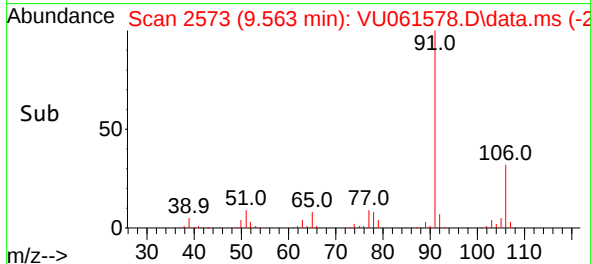
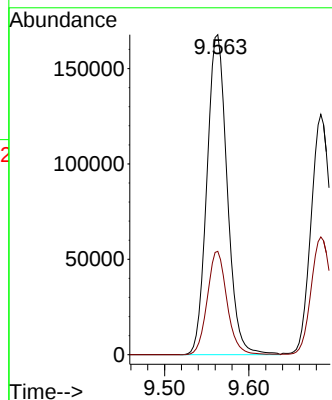
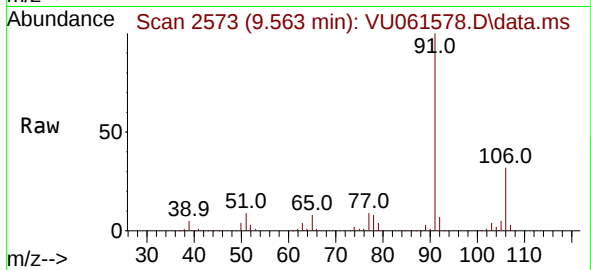




#52
Ethylbenzene
Concen: 4.838 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

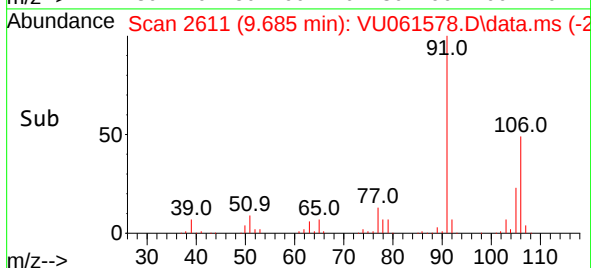
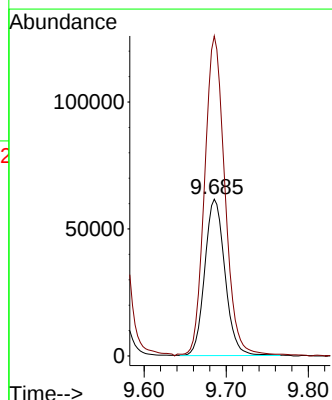
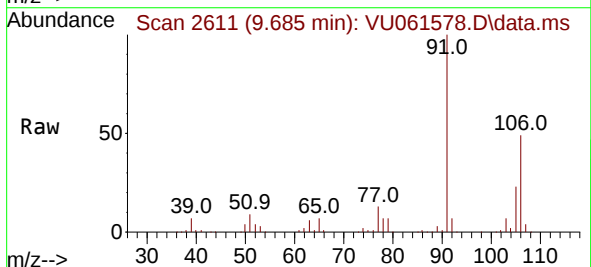
Instrument :
MSVOA_U
ClientSampleId :

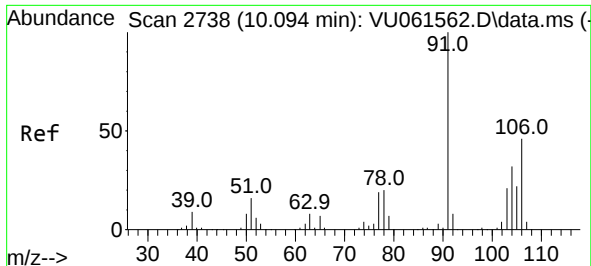
Tgt Ion: 91 Resp: 280959
Ion Ratio Lower Upper
91 100
106 32.3 22.0 41.0



#53
m,p-Xylene
Concen: 4.758 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion:106 Resp: 105259
Ion Ratio Lower Upper
106 100
91 204.0 145.7 270.7

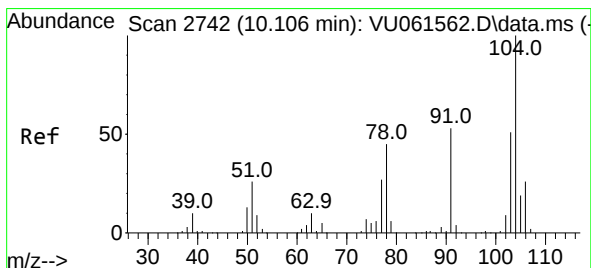
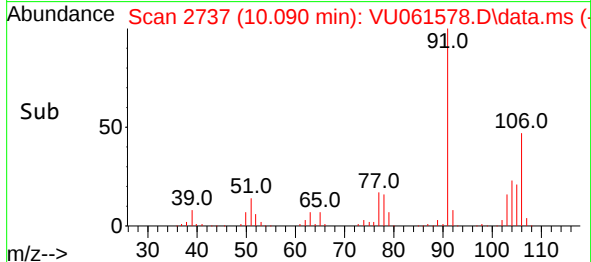
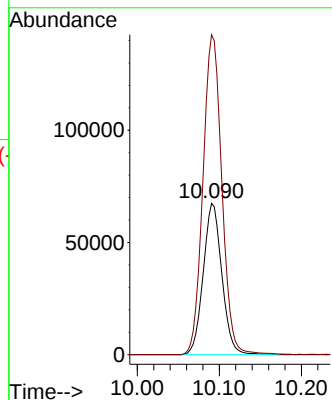
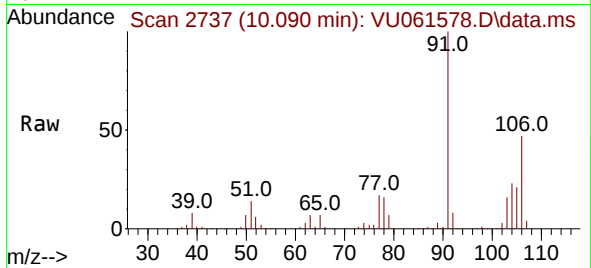




#54
o-Xylene
Concen: 4.883 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

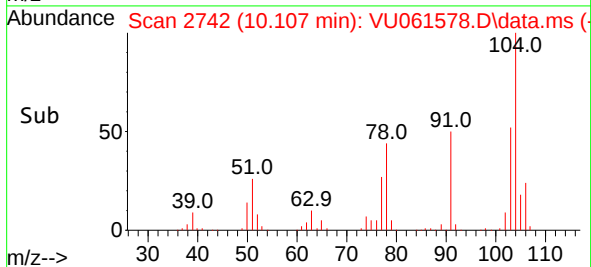
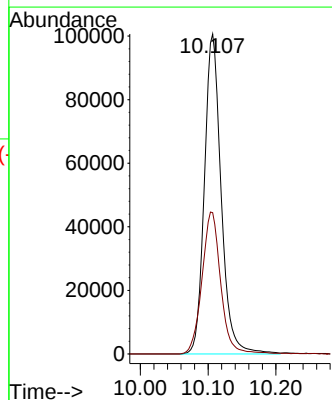
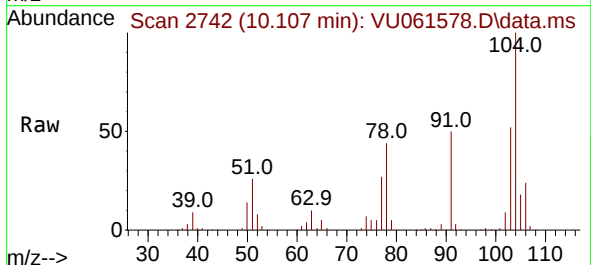
Instrument :
MSVOA_U
ClientSampleId :

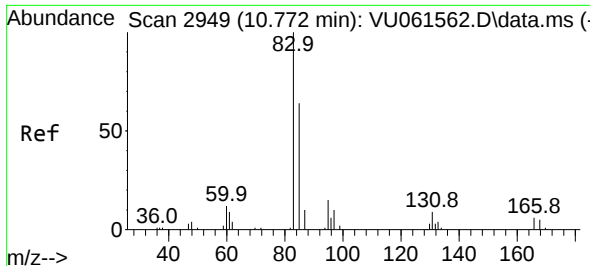
Tgt Ion:106 Resp: 106606
Ion Ratio Lower Upper
106 100
91 211.4 148.8 276.4



#55
Styrene
Concen: 4.945 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion:104 Resp: 173093
Ion Ratio Lower Upper
104 100
78 44.1 32.3 59.9

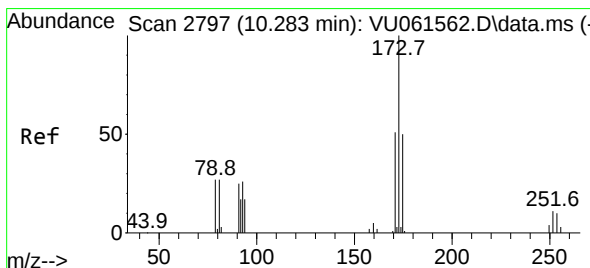
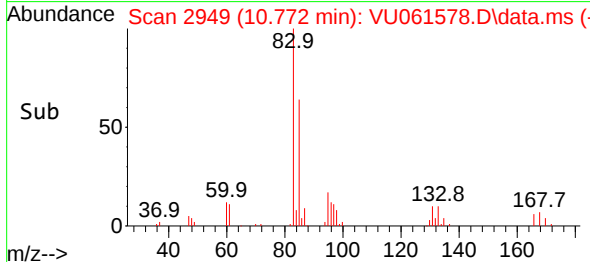
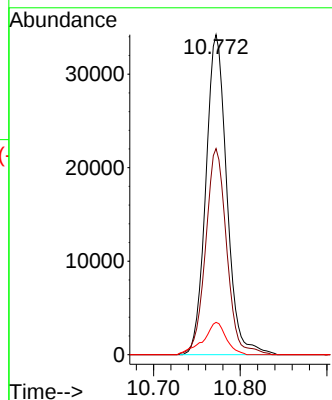
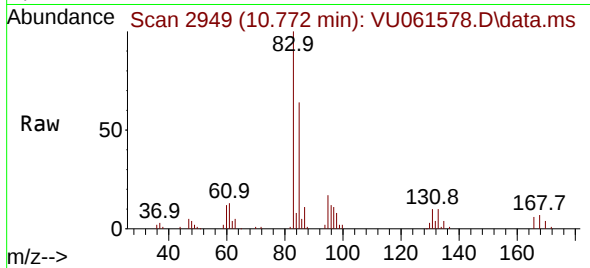




#57
1,1,2,2-Tetrachloroethane
Concen: 5.389 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

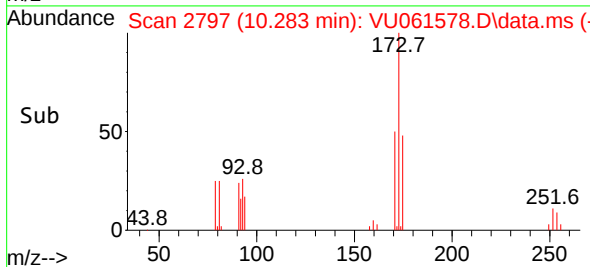
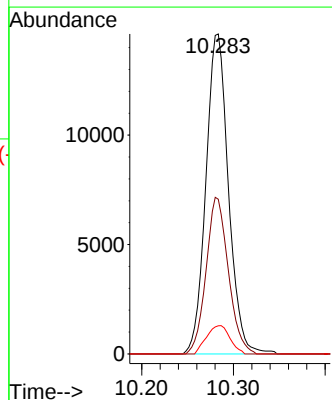
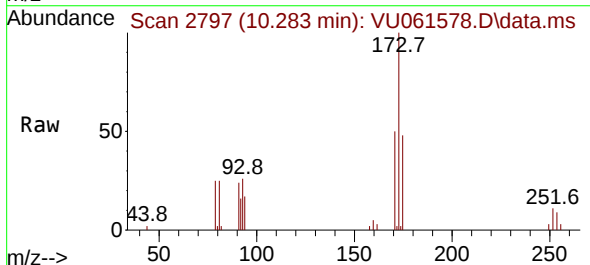
Instrument :
MSVOA_U
ClientSampleId :

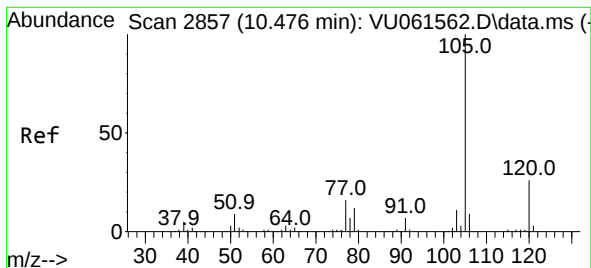
Tgt Ion: 83 Resp: 57587
Ion Ratio Lower Upper
83 100
85 64.4 45.3 84.1
131 10.1 7.6 11.4



#59
Bromoform
Concen: 4.399 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion:173 Resp: 25004
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 9.2 6.8 10.2





#60

Isopropylbenzene

Concen: 4.744 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

ClientSampleId :

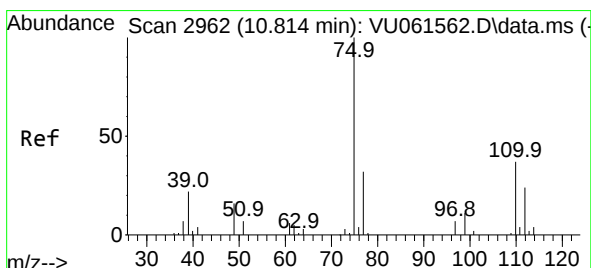
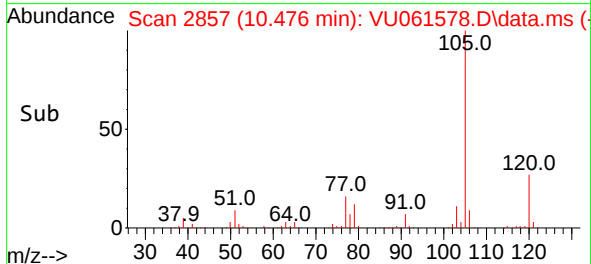
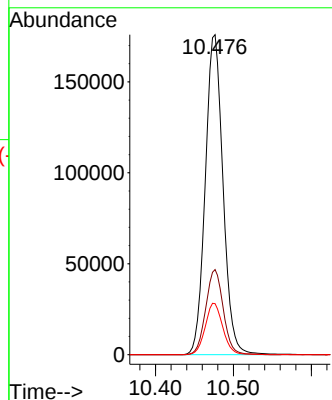
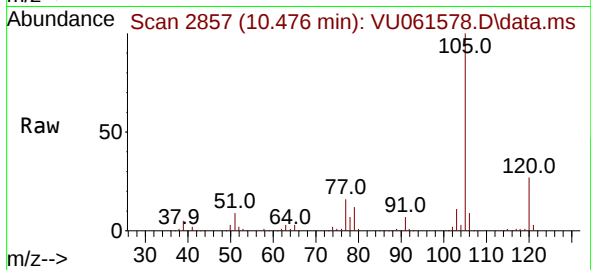
Tgt Ion:105 Resp: 278293

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.189 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

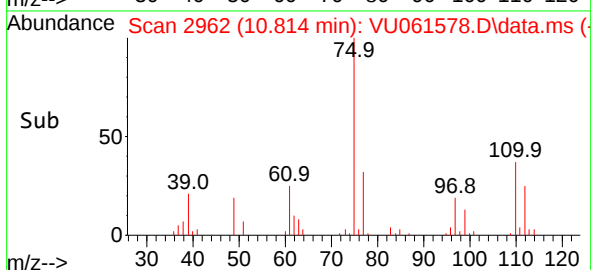
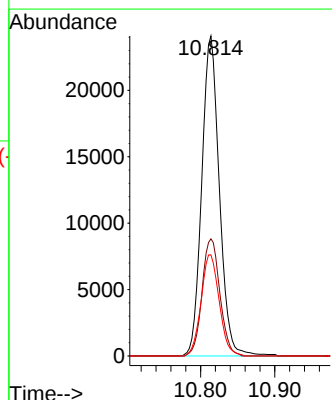
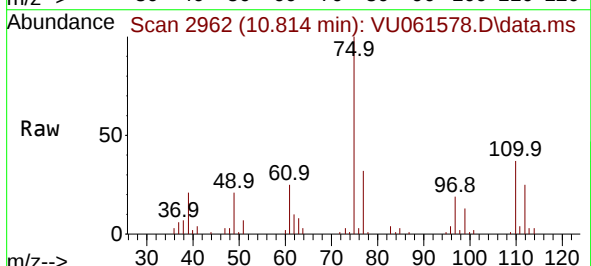
Tgt Ion: 75 Resp: 39696

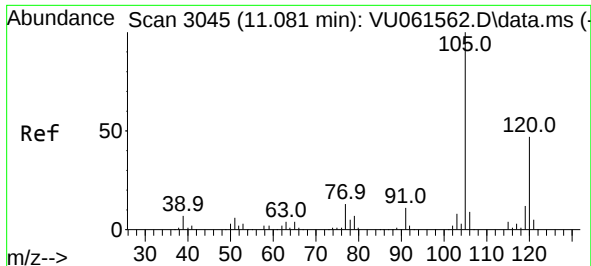
Ion Ratio Lower Upper

75 100

110 36.9 28.8 43.2

77 32.5 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.600 ug/L

RT: 11.078 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

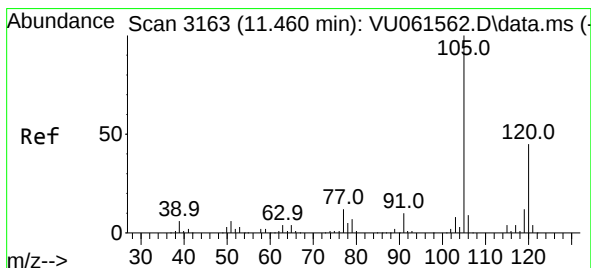
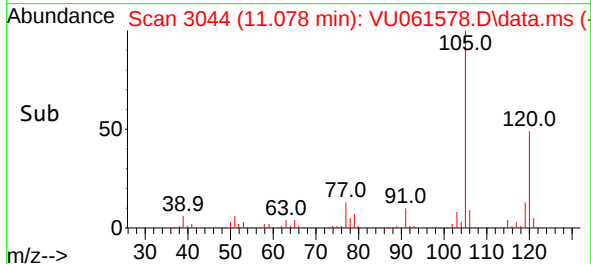
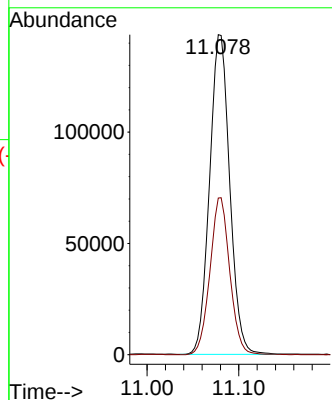
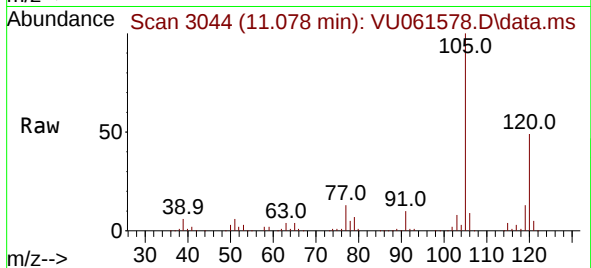
ClientSampleId :

Tgt Ion:105 Resp: 219665

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.600 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061578.D

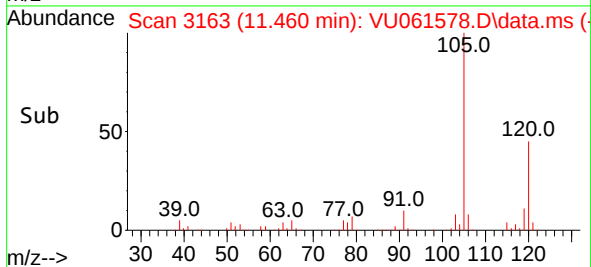
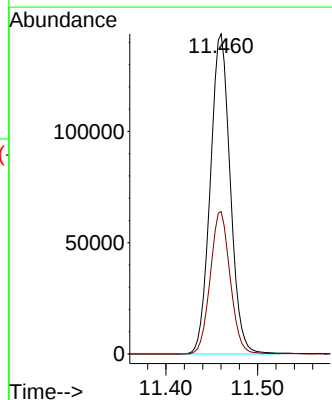
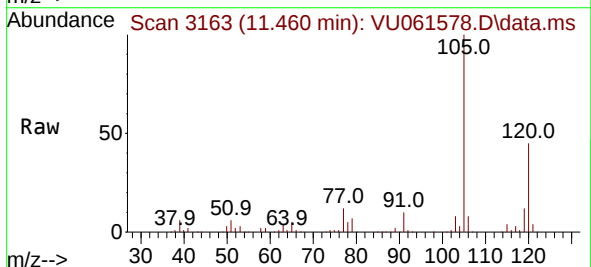
Acq: 09 Nov 2024 05:02

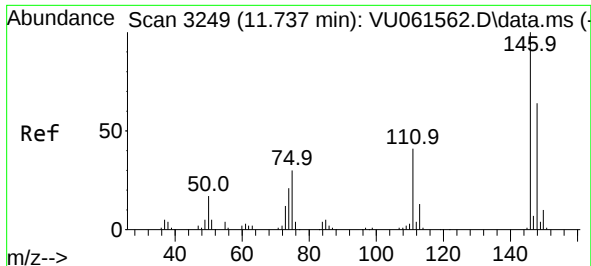
Tgt Ion:105 Resp: 217173

Ion Ratio Lower Upper

105 100

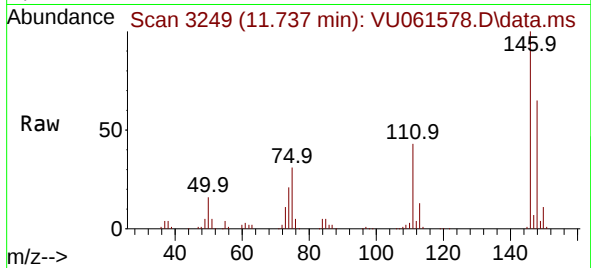
120 44.5 35.4 53.0



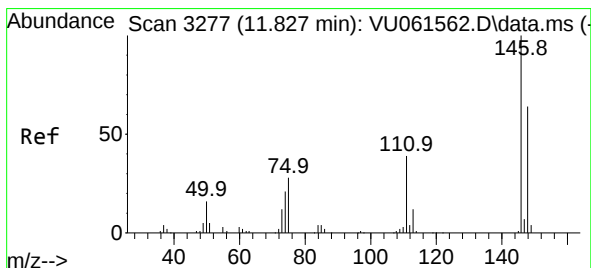
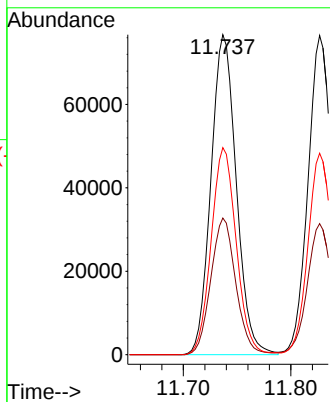
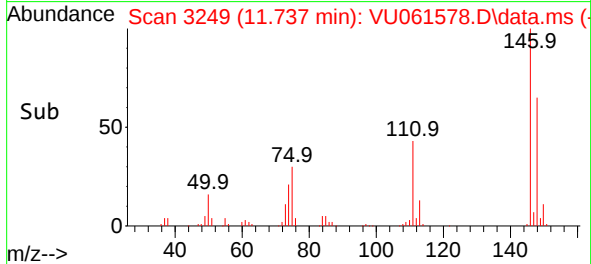


#64
1,3-Dichlorobenzene
Concen: 5.085 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

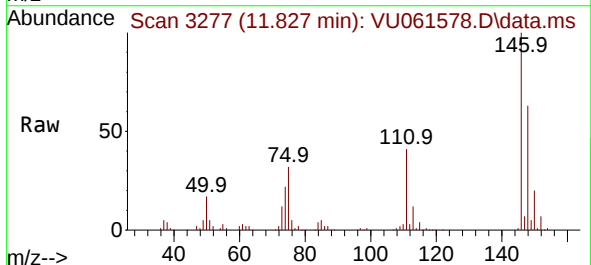
Instrument :
MSVOA_U
ClientSampleId :



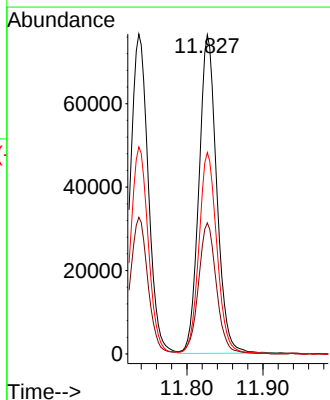
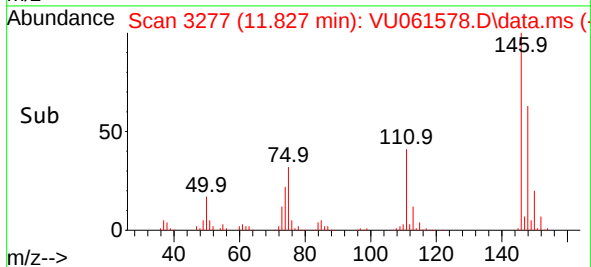
Tgt Ion:146 Resp: 125549
Ion Ratio Lower Upper
146 100
111 42.7 30.0 55.8
148 64.7 45.1 83.7

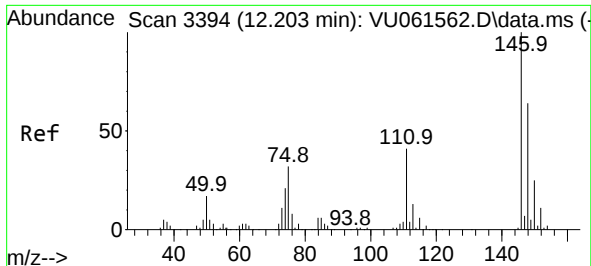


#65
1,4-Dichlorobenzene
Concen: 4.922 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02



Tgt Ion:146 Resp: 123897
Ion Ratio Lower Upper
146 100
111 41.1 28.2 52.4
148 63.1 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.120 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

ClientSampleId :

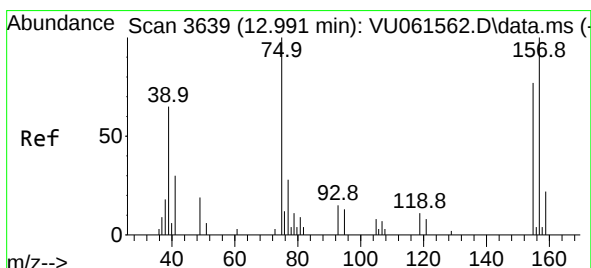
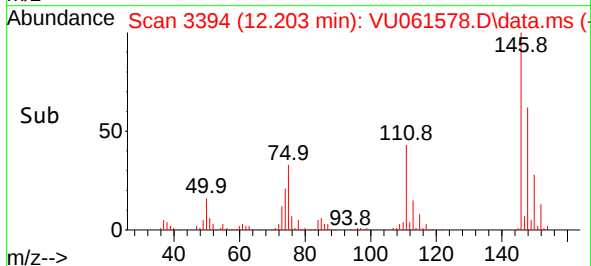
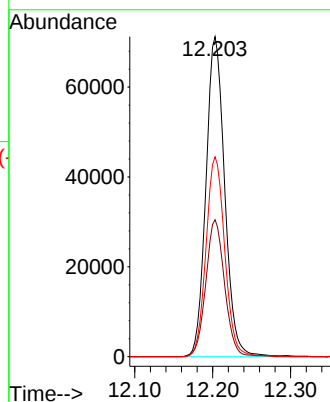
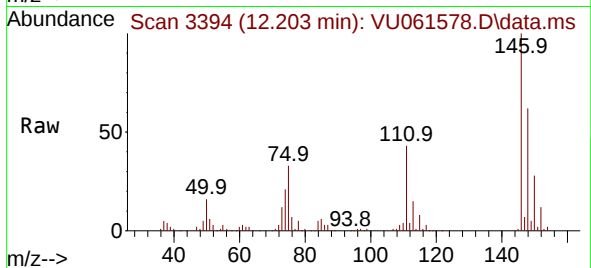
Tgt Ion:146 Resp: 118975

Ion Ratio Lower Upper

146 100

111 42.8 35.2 52.8

148 62.5 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.481 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

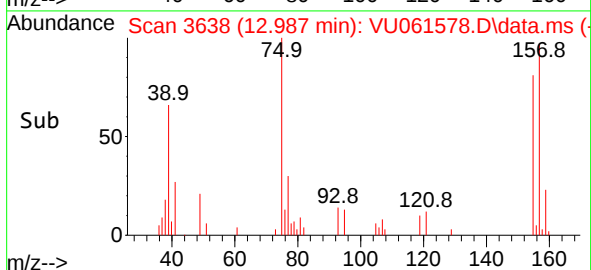
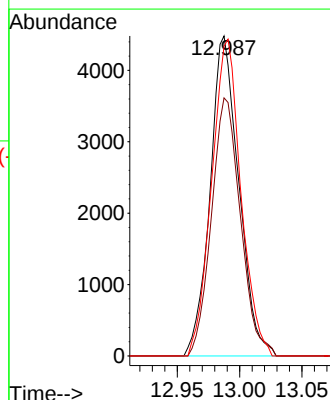
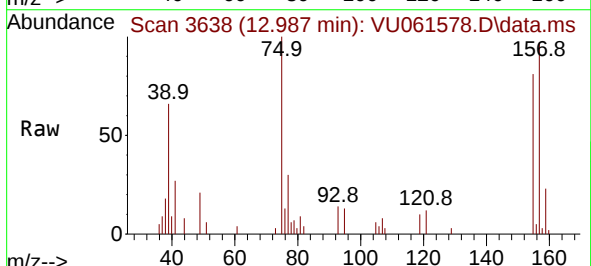
Tgt Ion: 75 Resp: 7197

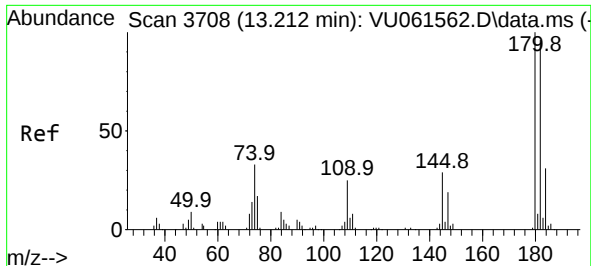
Ion Ratio Lower Upper

75 100

155 80.7 69.3 103.9

157 96.8 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.058 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 85598

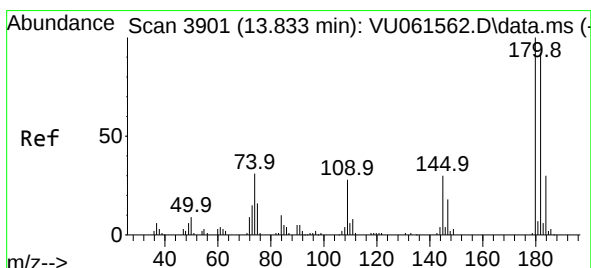
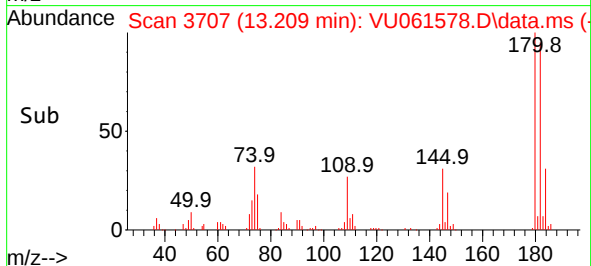
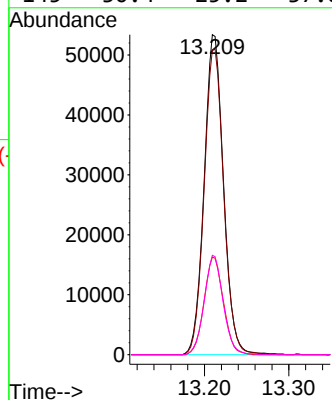
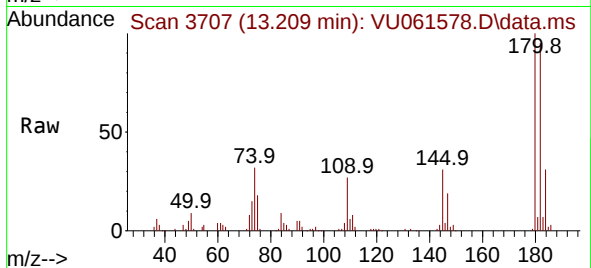
Ion Ratio Lower Upper

180 100

182 96.2 77.4 116.2

184 30.3 24.4 36.6

145 30.4 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.094 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU061578.D

Acq: 09 Nov 2024 05:02

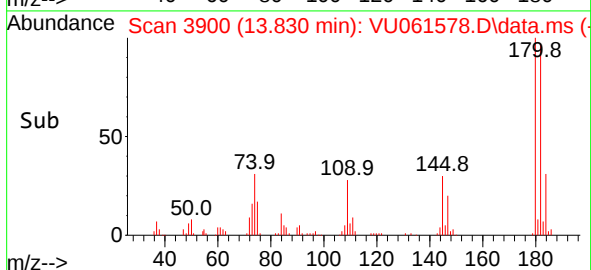
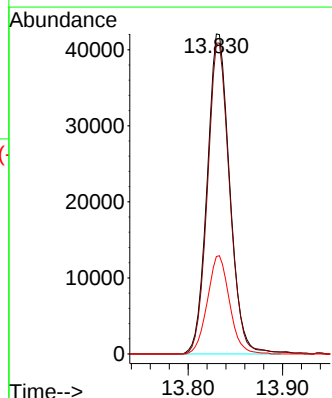
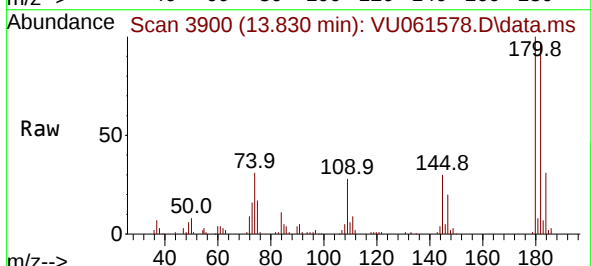
Tgt Ion:180 Resp: 69577

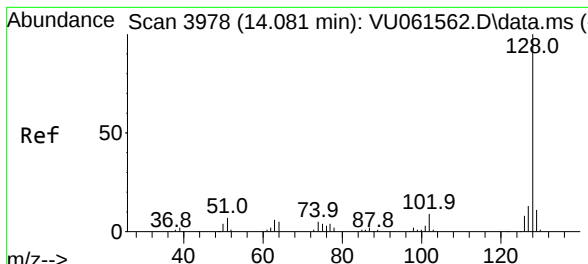
Ion Ratio Lower Upper

180 100

182 96.0 77.2 115.8

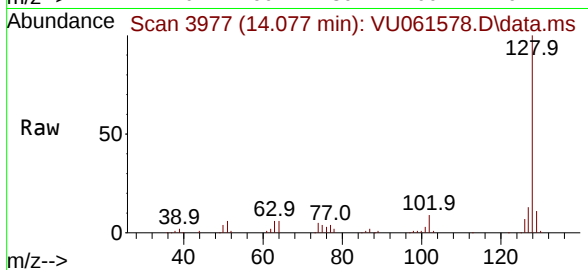
145 30.2 25.6 38.4



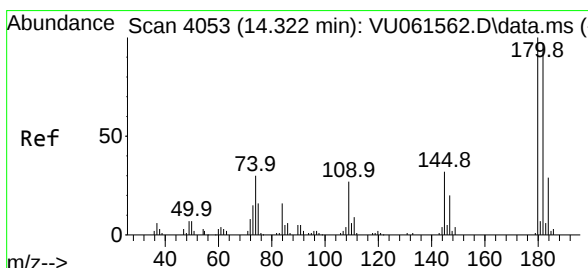
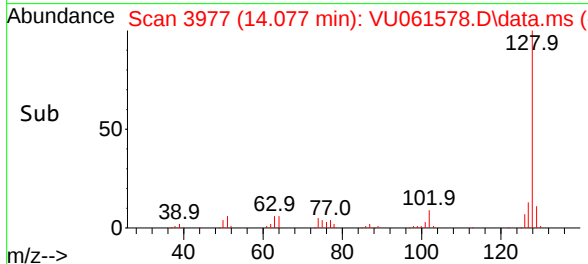
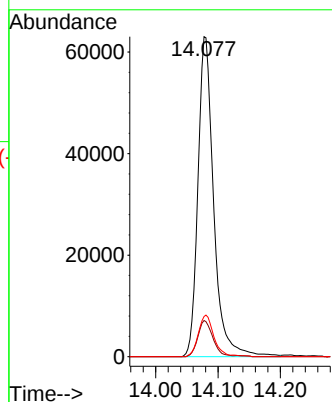


#71
Naphthalene
Concen: 5.147 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 110931
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.0 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.330 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061578.D
Acq: 09 Nov 2024 05:02

Tgt Ion:180 Resp: 60900
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 33.2 26.5 39.7

