

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062569.D
 Acq On : 26 Dec 2024 10:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:18:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95247	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24872	3.603	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.907	69	22130	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	13776	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.627	46	61881	46.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.540%
24) Chloroform-d	5.052	84	71860	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.692	65	37847	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.717	84	119972	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.679	67	33286	4.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.888	98	118648	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.171	79	16699	4.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.624	63	59005	56.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29231	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	45316	4.814	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	43685	4.557	ug/L	98
3) Chloromethane	1.515	50	27794	3.699	ug/L	99
5) Vinyl chloride	1.599	62	32240	4.121	ug/L	99
6) Bromomethane	1.853	94	23876	4.578	ug/L	98
8) Chloroethane	1.930	64	20149	4.598	ug/L	98
9) Trichlorofluoromethane	2.132	101	73009	5.376	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36719	4.968	ug/L	92
12) 1,1-Dichloroethene	2.573	96	31949	4.623	ug/L	89
13) Acetone	2.640	43	45094	50.060	ug/L	98
14) Carbon disulfide	2.785	76	82286	3.766	ug/L	98
15) Methyl Acetate	2.949	43	8735	3.869	ug/L	99
16) Methylene chloride	3.036	84	32744	4.514	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	89628	5.207	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	32759	4.614	ug/L	87
19) 1,1-Dichloroethane	3.856	63	60134	4.621	ug/L	97
21) 2-Butanone	4.705	43	65401	49.994	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	37813	4.751	ug/L	90
23) Bromochloromethane	4.965	128	17670	5.065	ug/L	# 76
25) Chloroform	5.074	83	74243	5.065	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062569.D
 Acq On : 26 Dec 2024 10:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:18:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

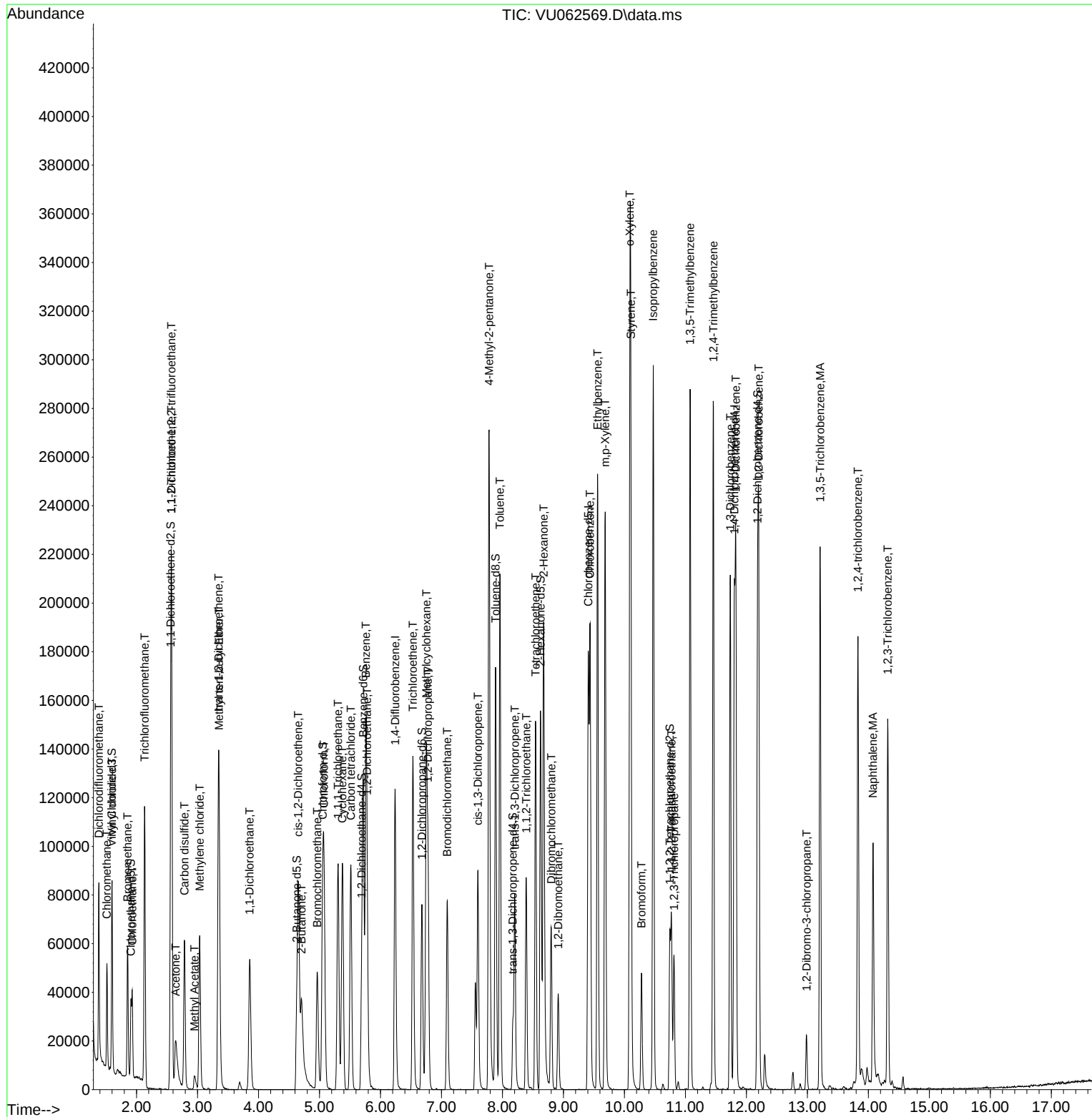
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47874	5.139	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	72647	5.422	ug/L	94
30) Cyclohexane	5.373	56	46006	4.234	ug/L	89
31) Carbon tetrachloride	5.515	117	66011	5.373	ug/L	100
33) Benzene	5.762	78	134886	4.570	ug/L	100
34) Trichloroethene	6.531	95	47603	5.693	ug/L	97
35) Methylcyclohexane	6.753	83	57454	4.635	ug/L	93
37) 1,2-Dichloropropane	6.778	63	32315	4.496	ug/L	99
38) Bromodichloromethane	7.094	83	52502	5.177	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	56473	4.902	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	161004	47.792	ug/L #	91
42) Toluene	7.958	91	155261	4.878	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	48320	5.136	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	27328	5.036	ug/L	96
47) Tetrachloroethene	8.544	164	33007	5.113	ug/L	94
48) 2-Hexanone	8.675	43	113363	45.533	ug/L #	92
49) Dibromochloromethane	8.801	129	35913	5.478	ug/L	92
50) 1,2-Dibromoethane	8.913	107	27399	5.255	ug/L #	96
51) Chlorobenzene	9.438	112	101276	4.966	ug/L	98
52) Ethylbenzene	9.560	91	178290	4.996	ug/L	98
53) m,p-Xylene	9.685	106	67024	5.087	ug/L	95
54) o-Xylene	10.090	106	65246	5.092	ug/L	98
55) Styrene	10.106	104	111155	5.262	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	31338	4.962	ug/L #	97
59) Bromoform	10.280	173	21964	5.471	ug/L	99
60) Isopropylbenzene	10.473	105	188213	5.100	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23678	5.012	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	162797	5.213	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	158691	5.186	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	87982	5.190	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	85696	5.020	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	81172	5.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6445	6.255	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	69554	5.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	55193	5.547	ug/L	98
71) Naphthalene	14.077	128	82493	5.522	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	47026	5.360	ug/L	99

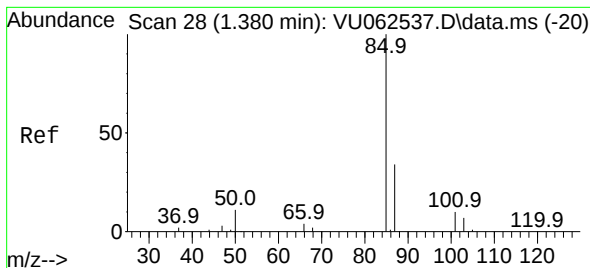
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
Data File : VU062569.D
Acq On : 26 Dec 2024 10:27
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 27 00:18:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 23:41:56 2024
Response via : Initial Calibration

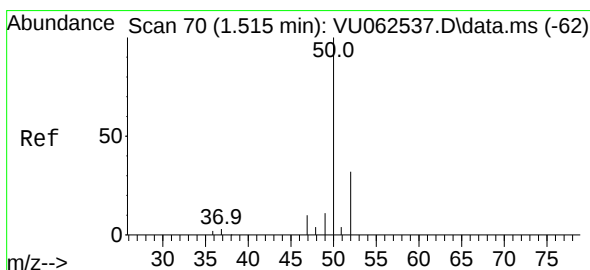
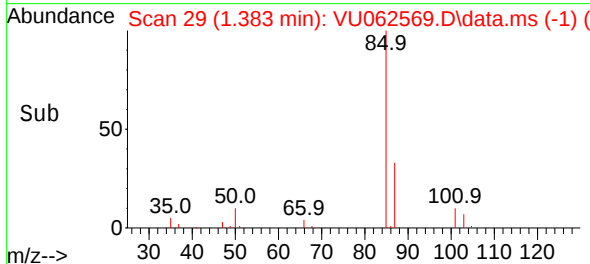
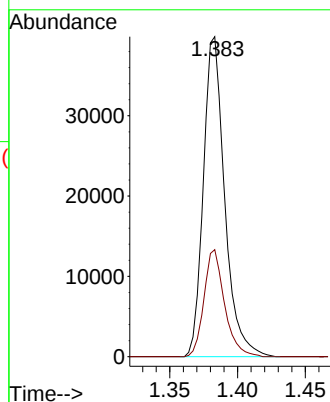
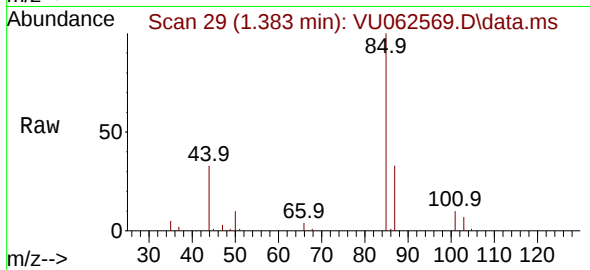




#2
 Dichlorodifluoromethane
 Concen: 4.557 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU062569.D
 Acq: 26 Dec 2024 10:27

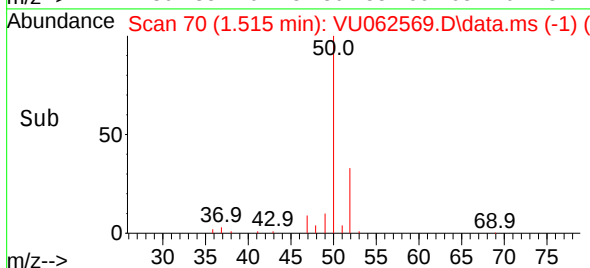
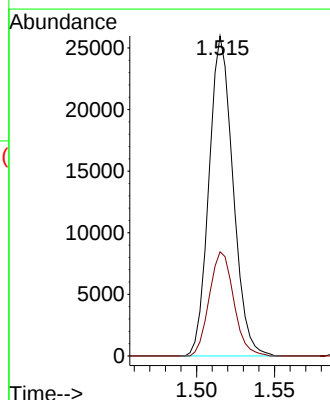
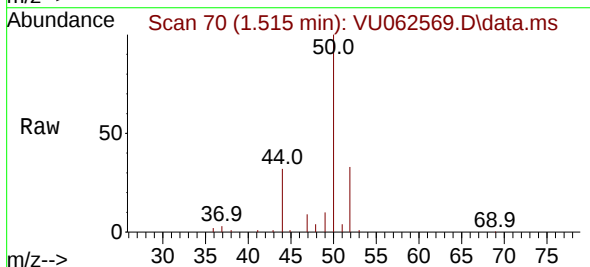
Instrument :
 MSVOA_U
 ClientSampleId :

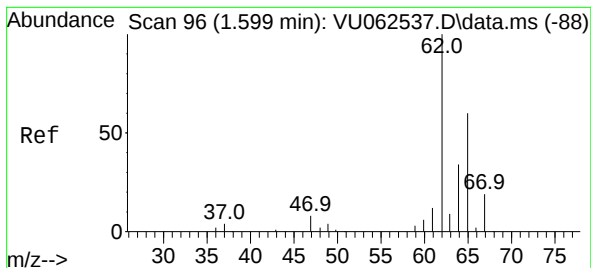
Tgt Ion: 85 Resp: 43685
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 40.0



#3
 Chloromethane
 Concen: 3.699 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062569.D
 Acq: 26 Dec 2024 10:27

Tgt Ion: 50 Resp: 27794
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.1 42.9





#5

Vinyl chloride

Concen: 4.121 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

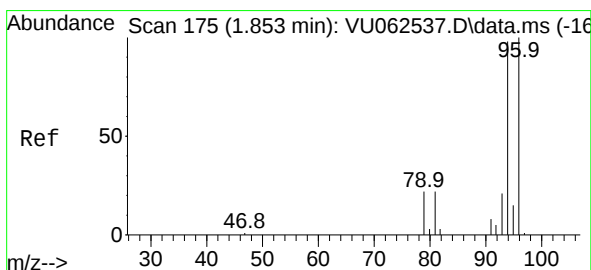
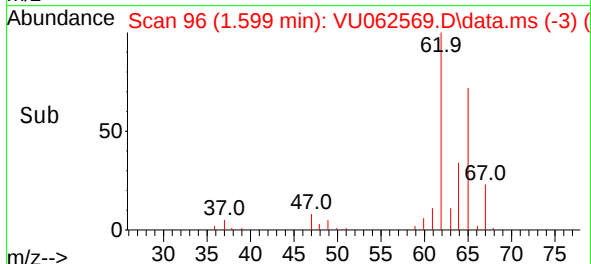
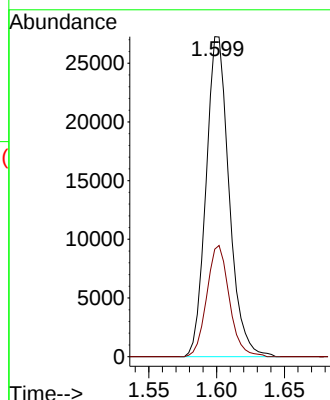
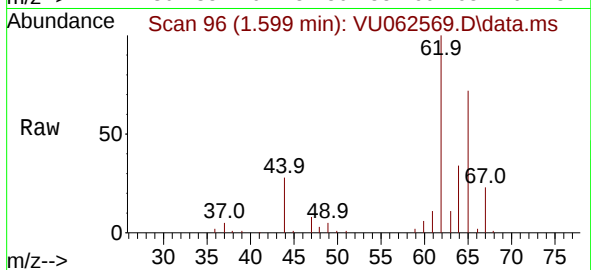
ClientSampleId :

Tgt Ion: 62 Resp: 32240

Ion Ratio Lower Upper

62 100

64 33.6 23.1 42.9



#6

Bromomethane

Concen: 4.578 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU062569.D

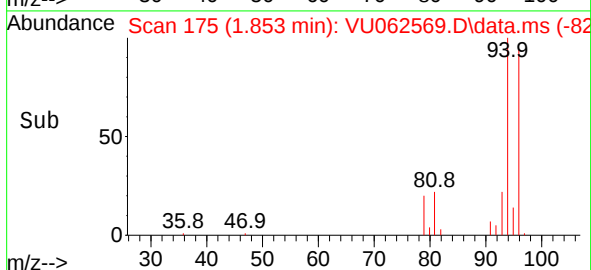
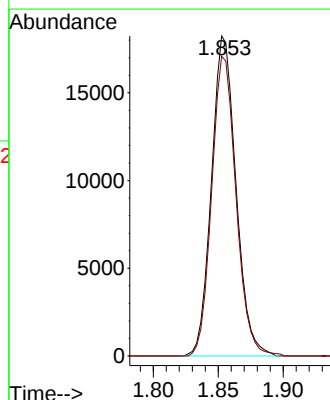
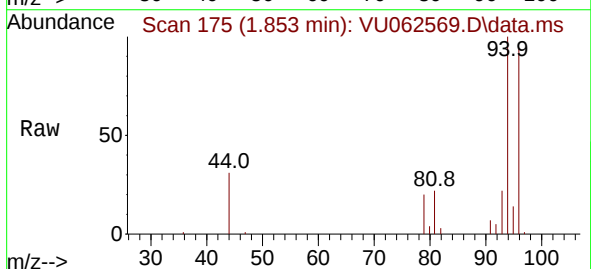
Acq: 26 Dec 2024 10:27

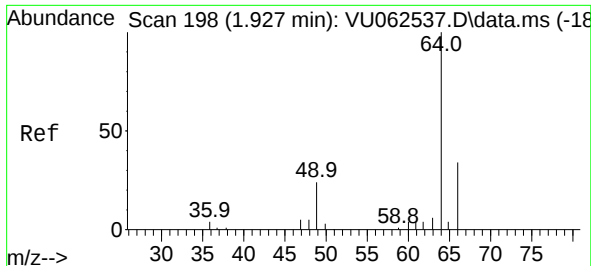
Tgt Ion: 94 Resp: 23876

Ion Ratio Lower Upper

94 100

96 93.6 64.5 119.9

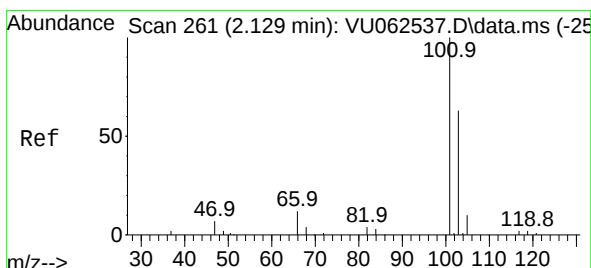
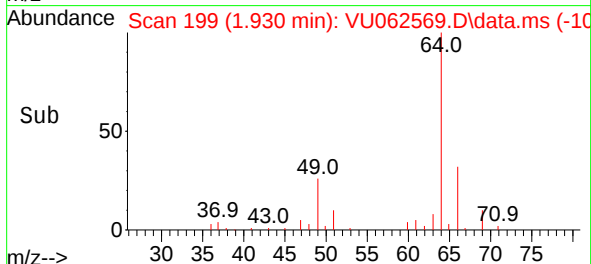
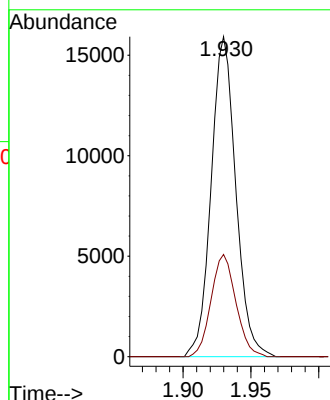
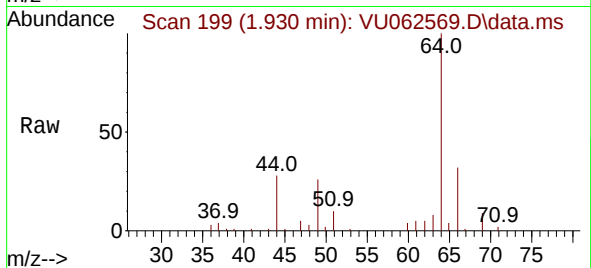




#8
Chloroethane
Concen: 4.598 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

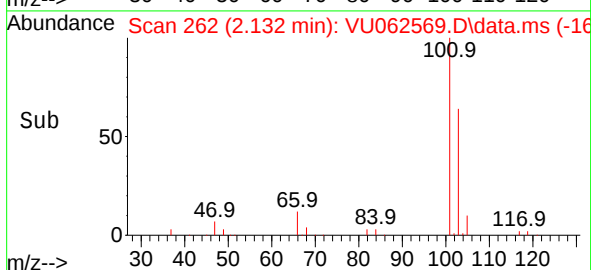
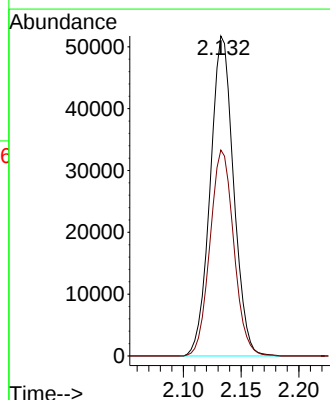
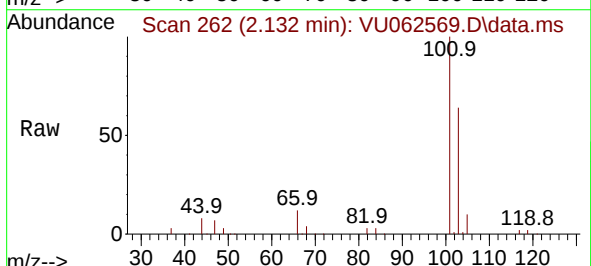
Instrument :
MSVOA_U
ClientSampleId :

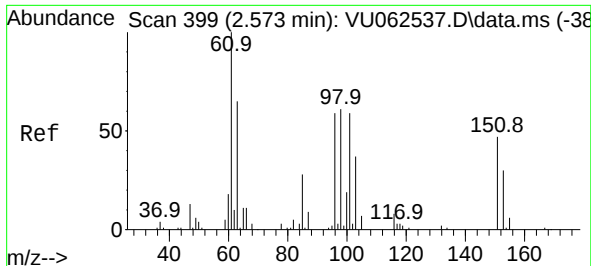
Tgt Ion: 64 Resp: 20149
Ion Ratio Lower Upper
64 100
66 32.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.376 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion:101 Resp: 73009
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

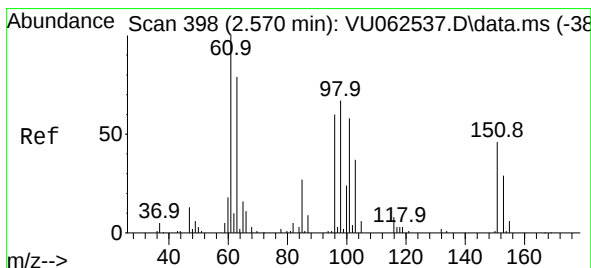
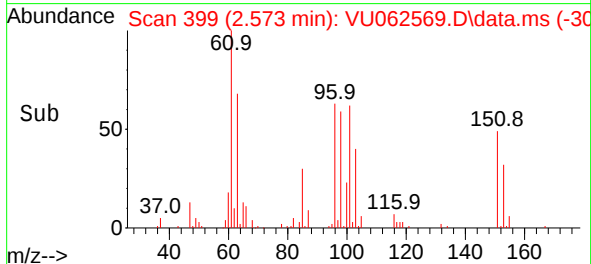
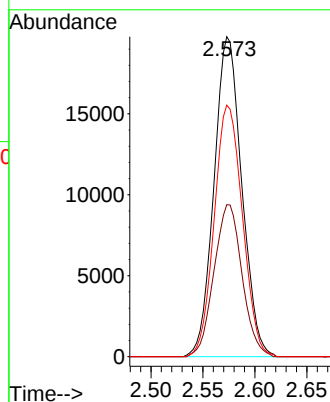
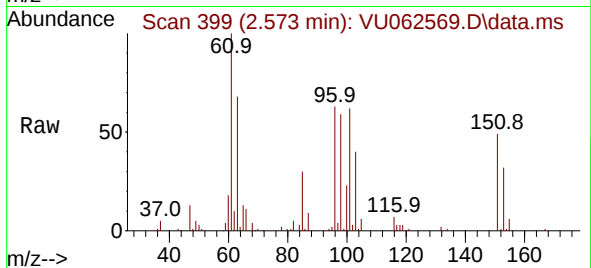




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.968 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062569.D
 Acq: 26 Dec 2024 10:27

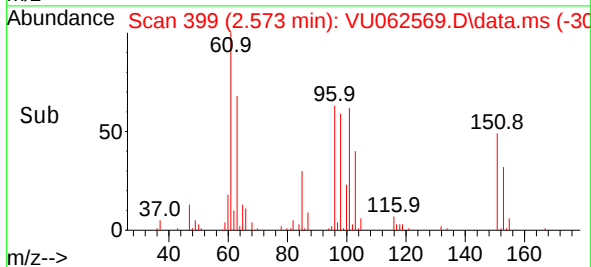
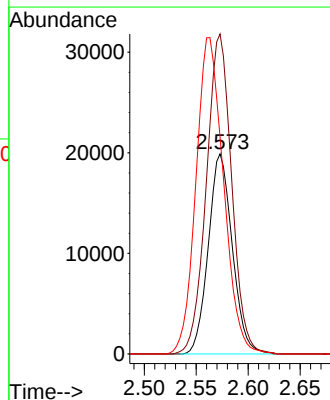
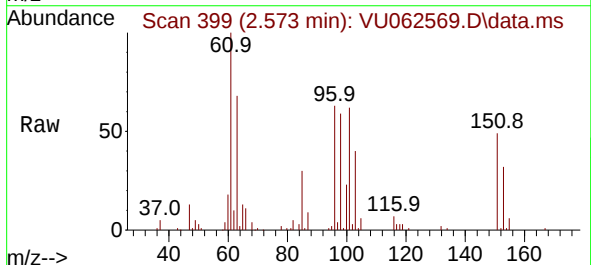
Instrument :
 MSVOA_U
 ClientSampleId :

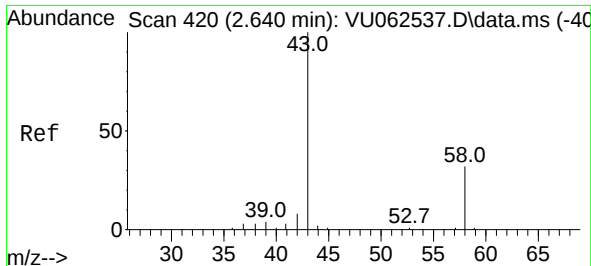
Tgt Ion:101 Resp: 36719
 Ion Ratio Lower Upper
 101 100
 85 48.1 38.0 57.0
 151 79.9 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.623 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062569.D
 Acq: 26 Dec 2024 10:27

Tgt Ion: 96 Resp: 31949
 Ion Ratio Lower Upper
 96 100
 61 159.8 119.6 222.2
 63 108.4 65.0 120.6





#13

Acetone

Concen: 50.060 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

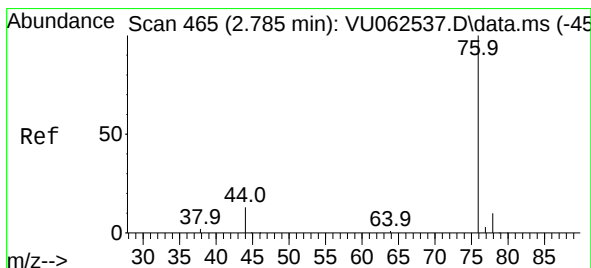
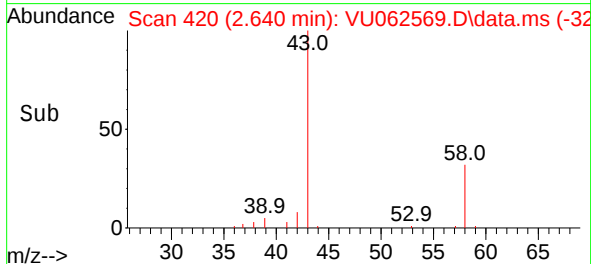
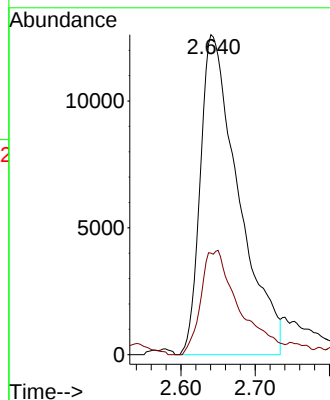
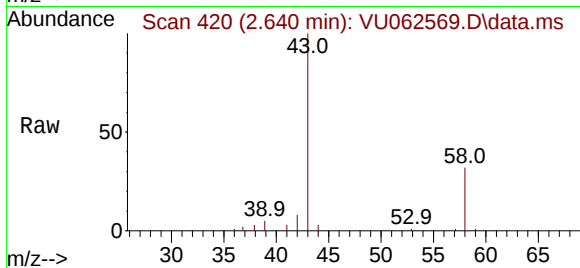
ClientSampleId :

Tgt Ion: 43 Resp: 45094

Ion Ratio Lower Upper

43 100

58 32.9 0.0 64.0



#14

Carbon disulfide

Concen: 3.766 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062569.D

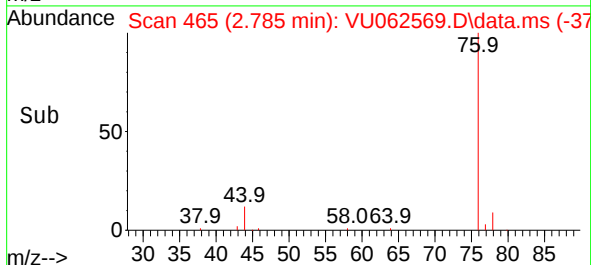
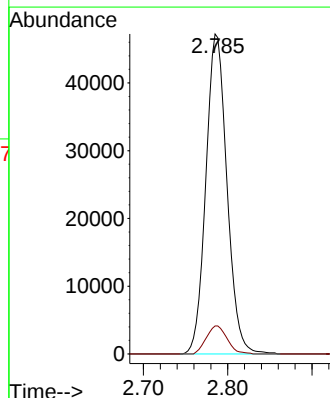
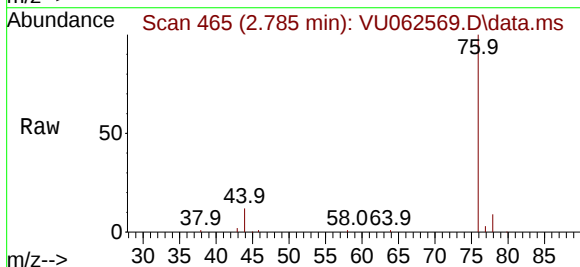
Acq: 26 Dec 2024 10:27

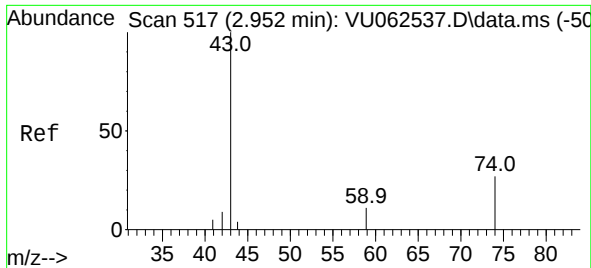
Tgt Ion: 76 Resp: 82286

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3





#15

Methyl Acetate

Concen: 3.869 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

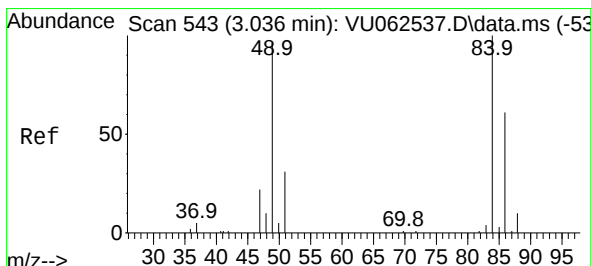
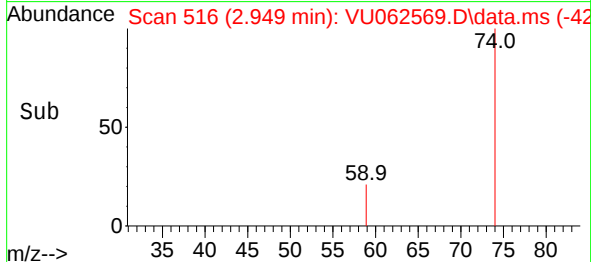
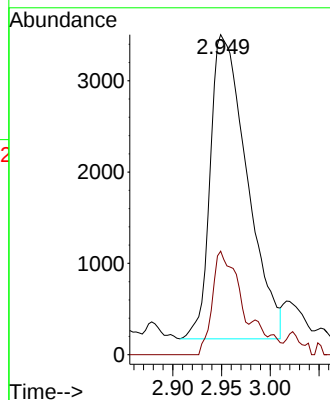
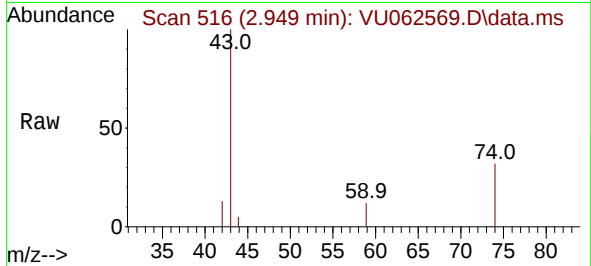
ClientSampleId :

Tgt Ion: 43 Resp: 8735

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2



#16

Methylene chloride

Concen: 4.514 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

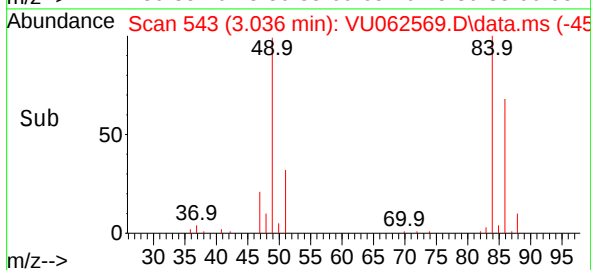
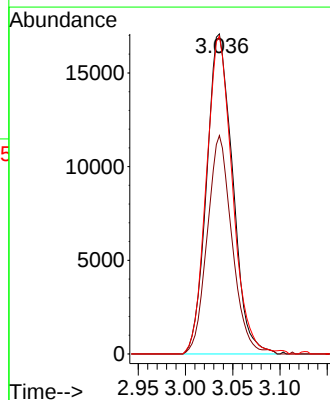
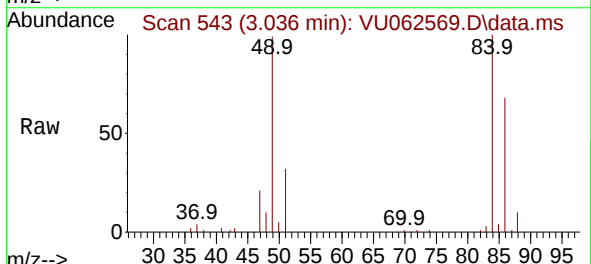
Tgt Ion: 84 Resp: 32744

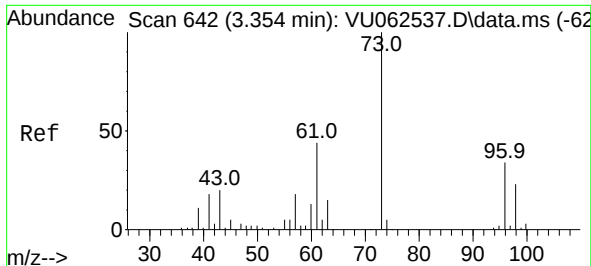
Ion Ratio Lower Upper

84 100

86 68.3 43.5 80.7

49 99.4 81.9 152.1

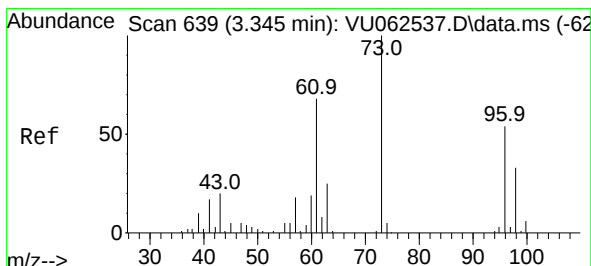
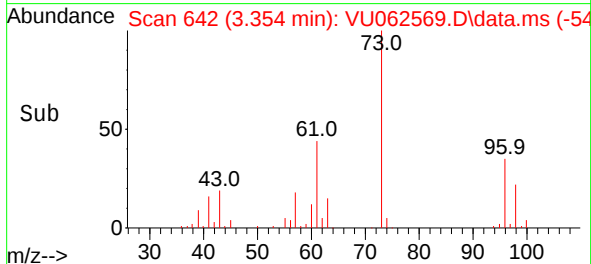
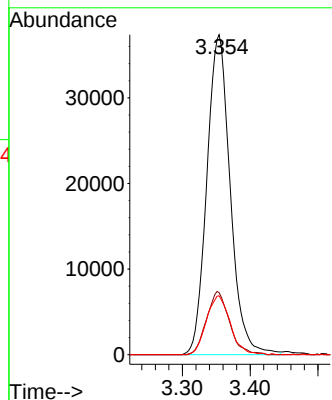
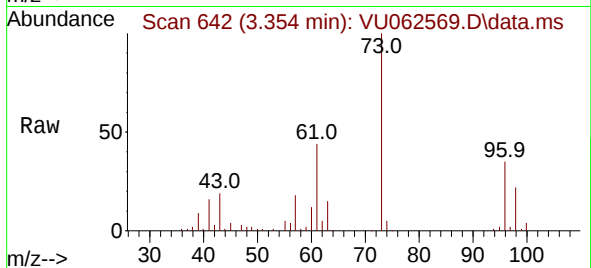




#17
Methyl tert-butyl Ether
Concen: 5.207 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

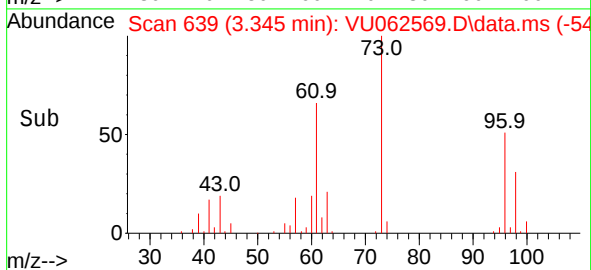
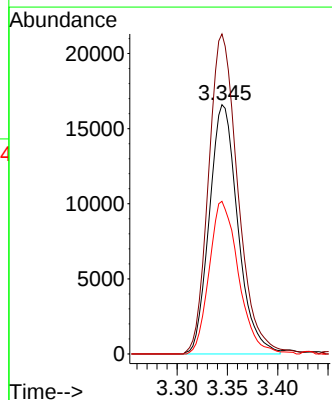
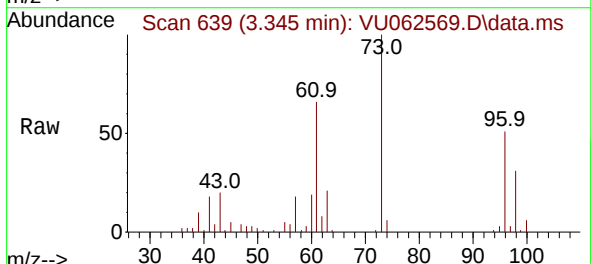
Instrument :
MSVOA_U
ClientSampleId :

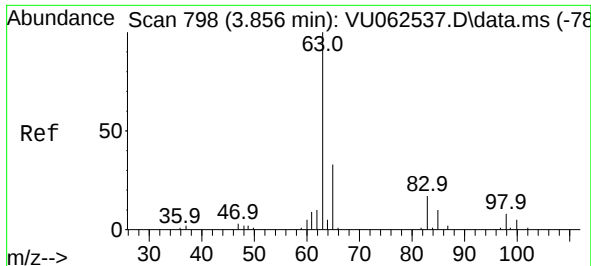
Tgt Ion: 73	Resp:	89628
Ion Ratio	Lower	Upper
73	100	
43	19.4	16.3 24.5
57	18.6	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.614 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

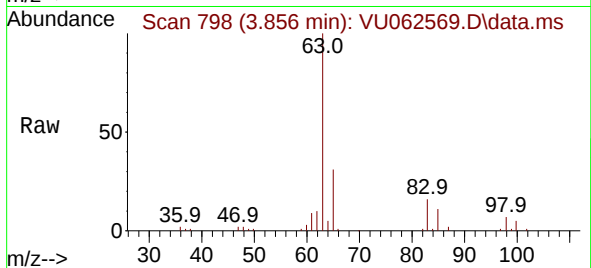
Tgt Ion: 96	Resp:	32759
Ion Ratio	Lower	Upper
96	100	
61	128.4	104.2 193.4
98	61.2	45.7 84.9



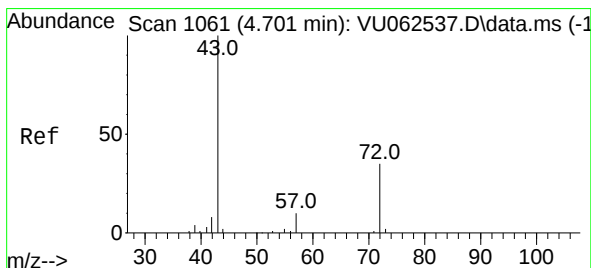
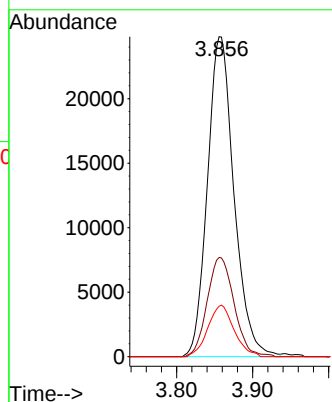
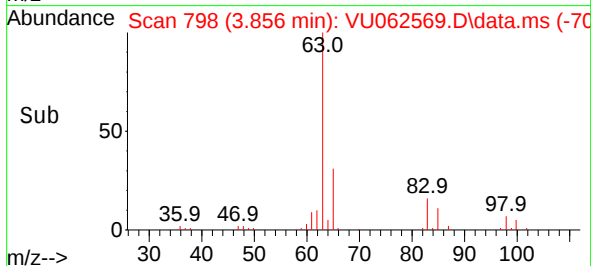


#19
1,1-Dichloroethane
Concen: 4.621 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Instrument :
MSVOA_U
ClientSampleId :

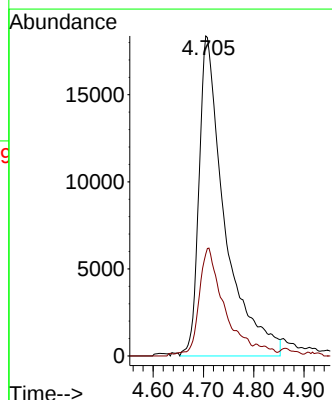
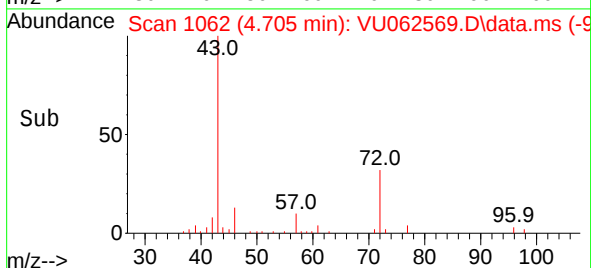
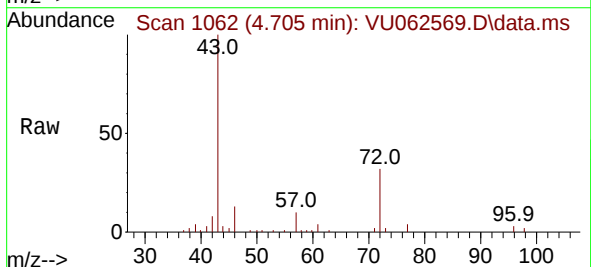


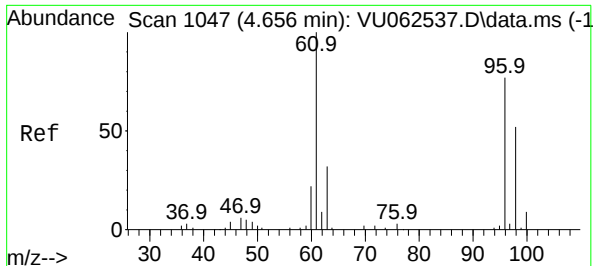
Tgt Ion: 63 Resp: 60134
Ion Ratio Lower Upper
63 100
65 31.0 22.7 42.3
83 15.8 9.9 18.3



#21
2-Butanone
Concen: 49.994 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion: 43 Resp: 65401
Ion Ratio Lower Upper
43 100
72 30.8 14.8 44.4

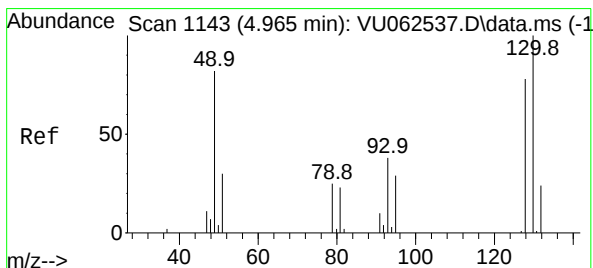
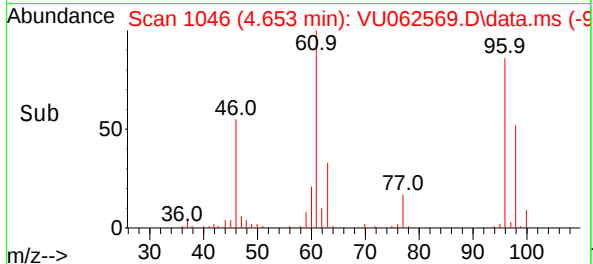
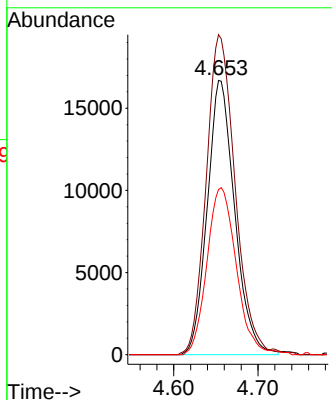
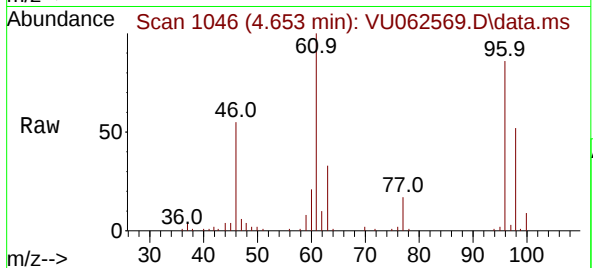




#22
 cis-1,2-Dichloroethene
 Concen: 4.751 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062569.D
 Acq: 26 Dec 2024 10:27

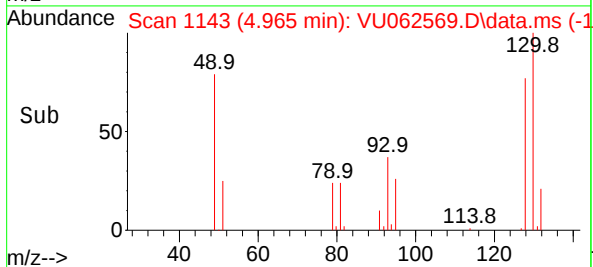
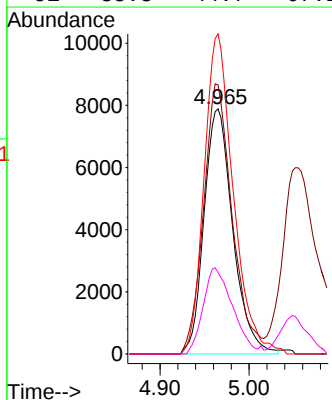
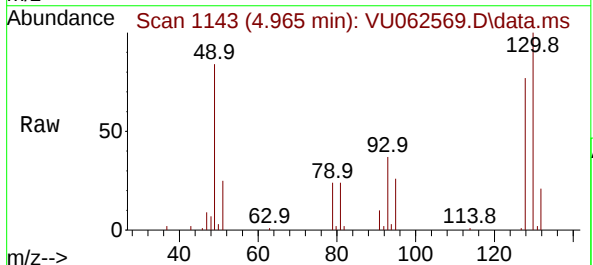
Instrument :
 MSVOA_U
 ClientSampleId :

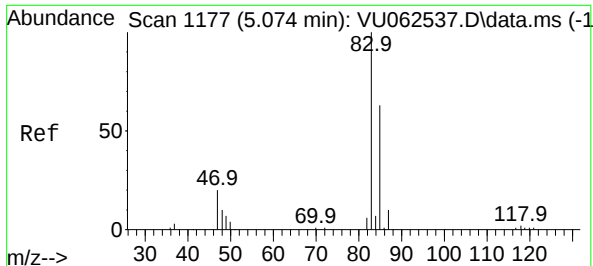
Tgt Ion: 96 Resp: 37813
 Ion Ratio Lower Upper
 96 100
 61 116.7 92.0 170.8
 98 60.2 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.065 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU062569.D
 Acq: 26 Dec 2024 10:27

Tgt Ion: 128 Resp: 17670
 Ion Ratio Lower Upper
 128 100
 49 109.8 115.3 214.1#
 130 130.6 92.0 170.8
 51 33.3 44.7 67.1#





#25

Chloroform

Concen: 5.065 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

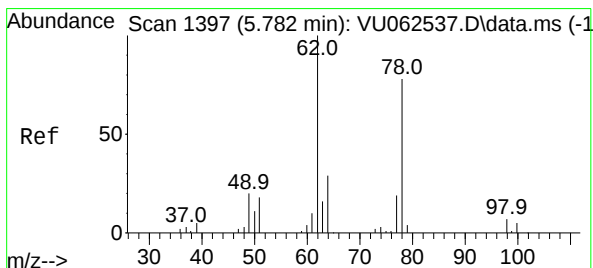
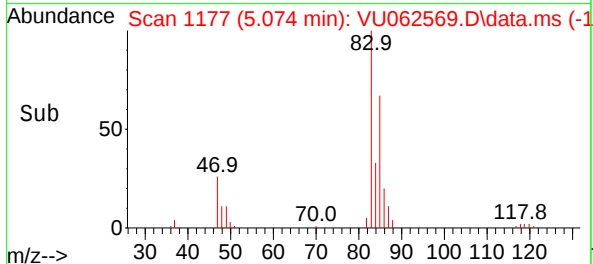
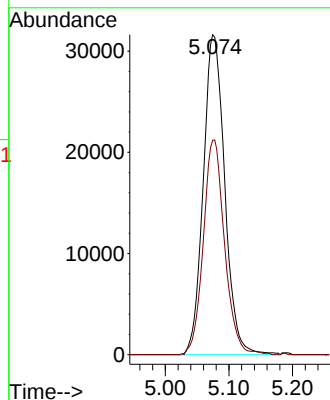
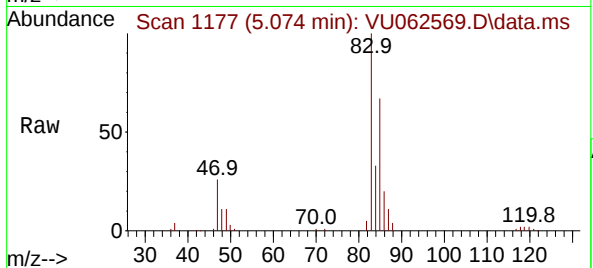
ClientSampleId :

Tgt Ion: 83 Resp: 74243

Ion Ratio Lower Upper

83 100

85 67.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.139 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062569.D

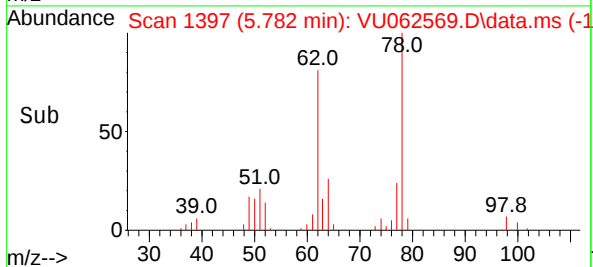
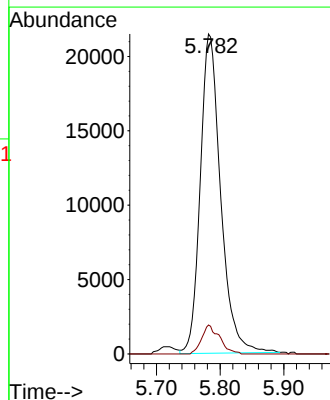
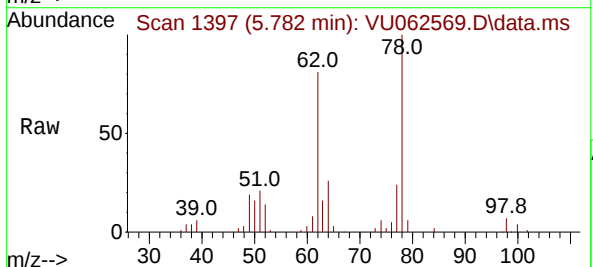
Acq: 26 Dec 2024 10:27

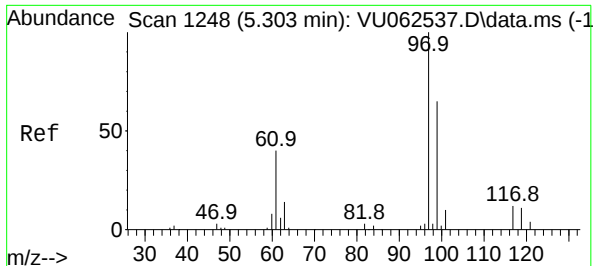
Tgt Ion: 62 Resp: 47874

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0

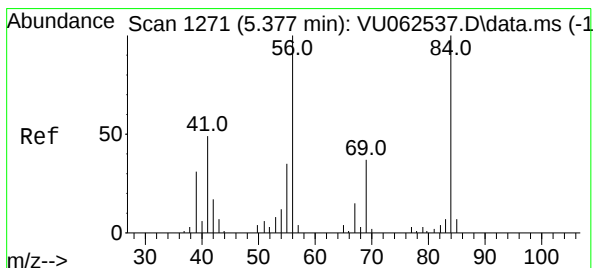
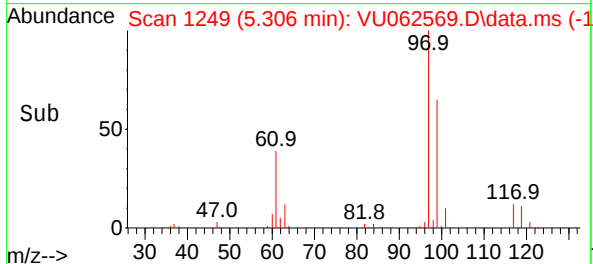
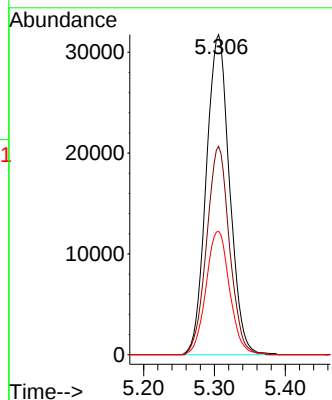
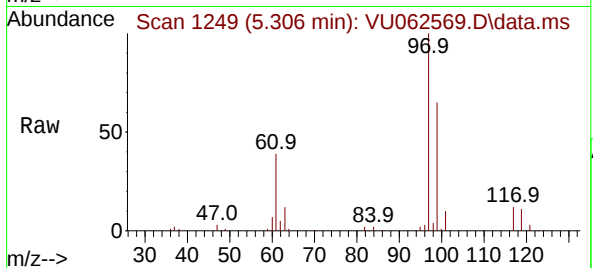




#29
1,1,1-Trichloroethane
Concen: 5.422 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

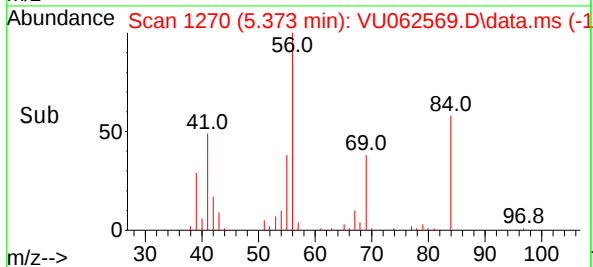
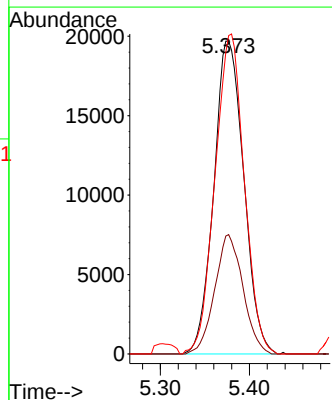
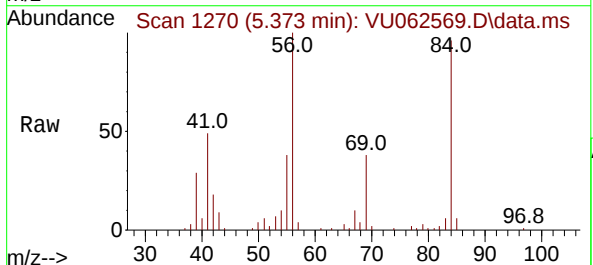
Instrument :
MSVOA_U
ClientSampleId :

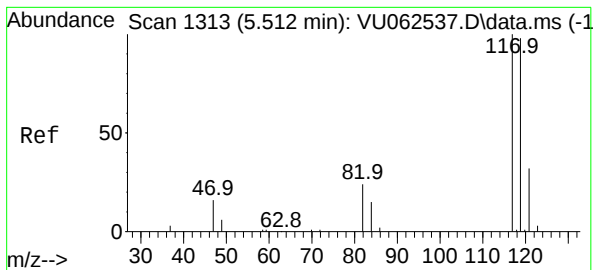
Tgt Ion: 97 Resp: 72647
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 39.0 37.8 56.6



#30
Cyclohexane
Concen: 4.234 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion: 56 Resp: 46006
Ion Ratio Lower Upper
56 100
69 36.0 25.1 37.7
84 99.9 70.6 105.8

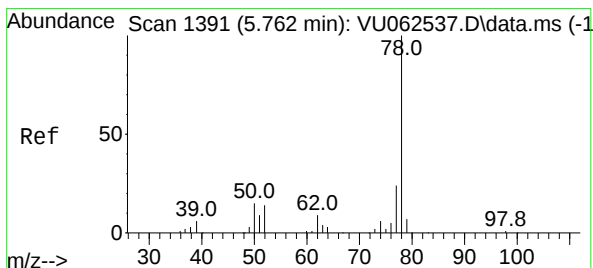
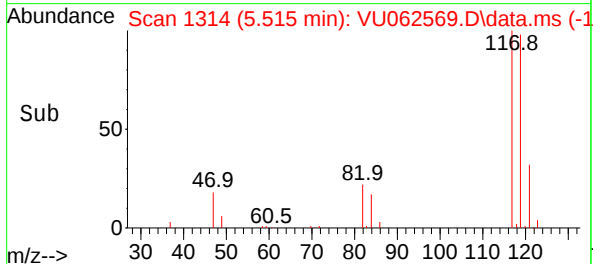
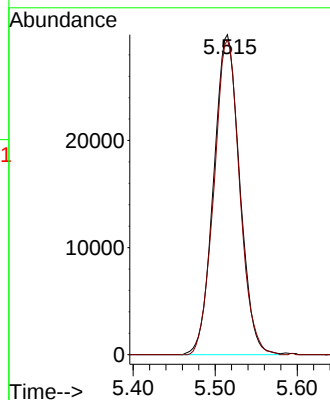
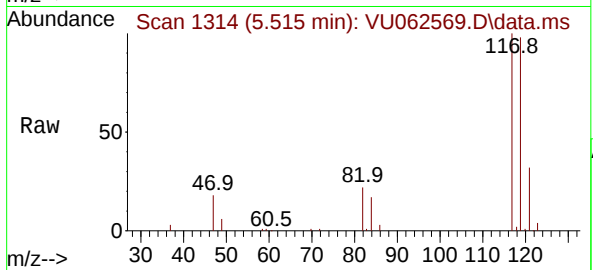




#31
Carbon tetrachloride
Concen: 5.373 ug/L
RT: 5.515 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

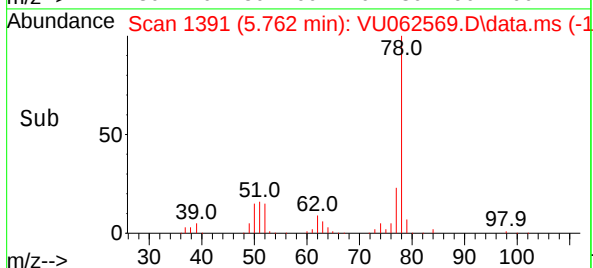
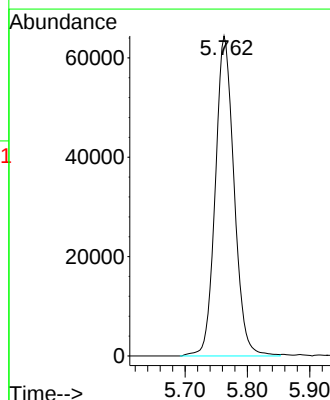
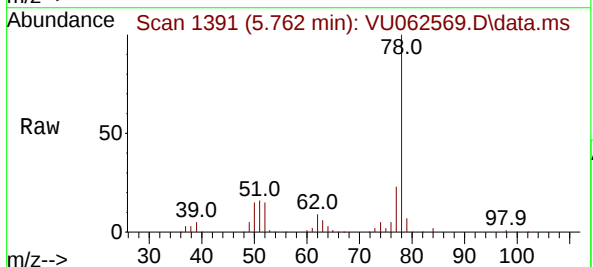
Instrument :
MSVOA_U
ClientSampleId :

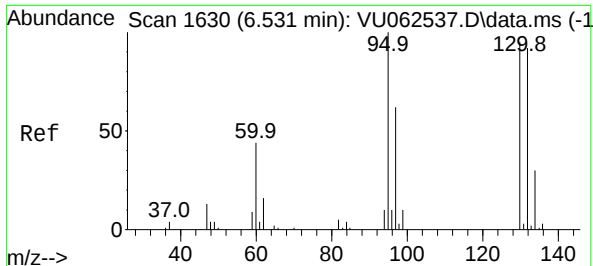
Tgt Ion:117 Resp: 66011
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3



#33
Benzene
Concen: 4.570 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion: 78 Resp: 134886





#34

Trichloroethene

Concen: 5.693 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 47603

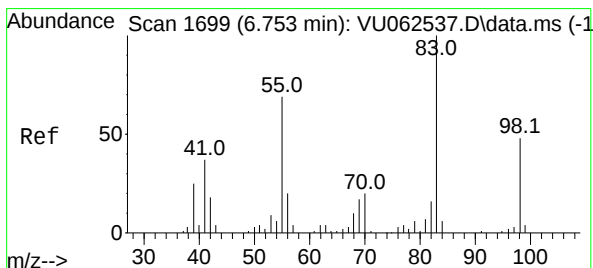
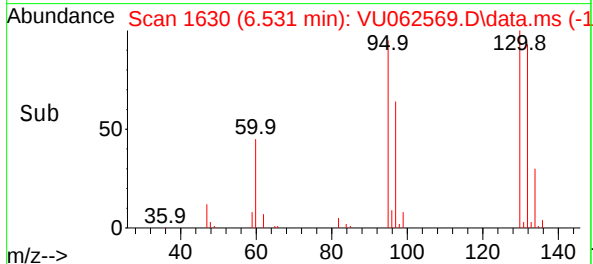
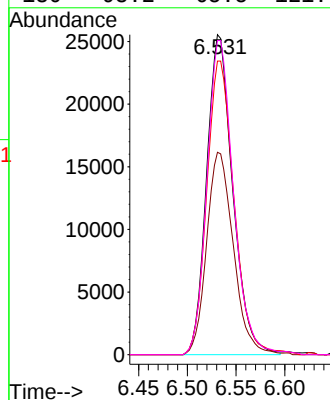
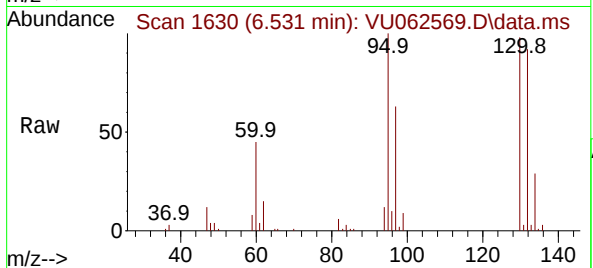
Ion Ratio Lower Upper

95 100

97 63.2 45.9 85.3

132 91.8 63.8 118.4

130 98.2 65.5 121.7



#35

Methylcyclohexane

Concen: 4.635 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

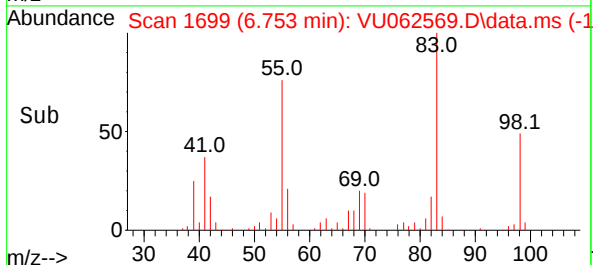
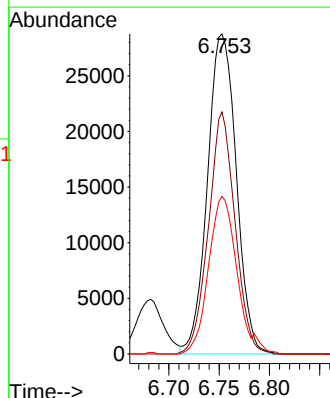
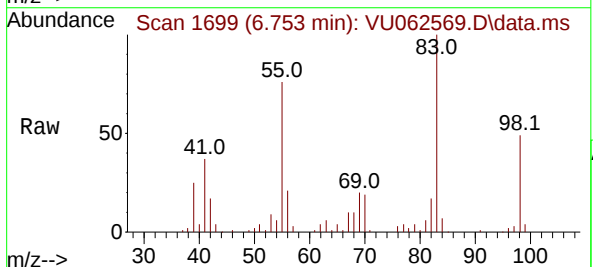
Tgt Ion: 83 Resp: 57454

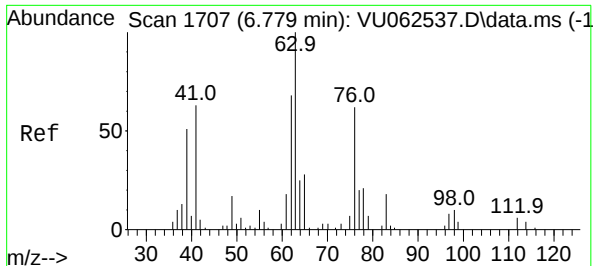
Ion Ratio Lower Upper

83 100

55 69.7 60.7 91.1

98 48.5 34.8 52.2

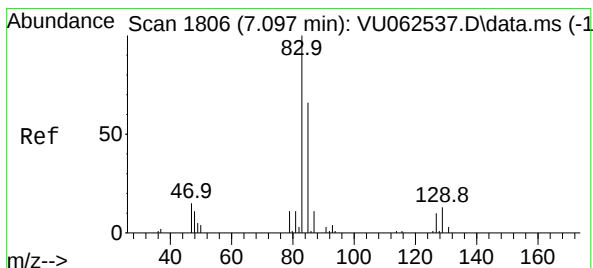
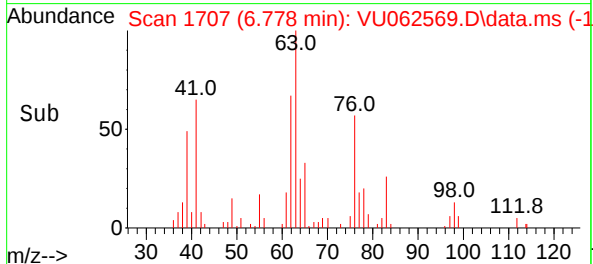
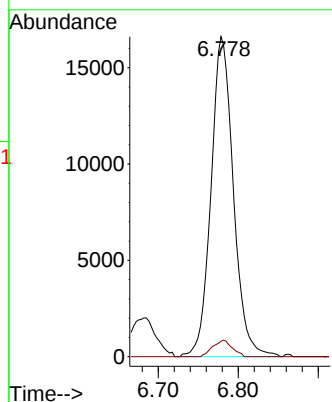
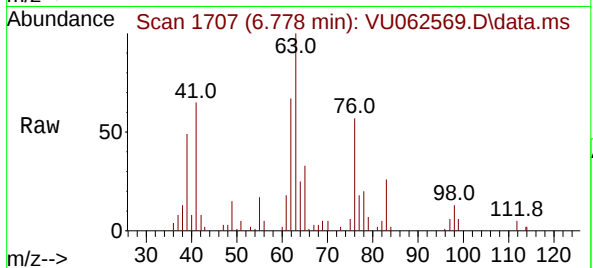




#37
1,2-Dichloropropane
Concen: 4.496 ug/L
RT: 6.778 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

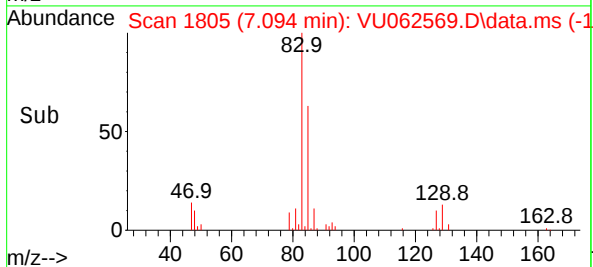
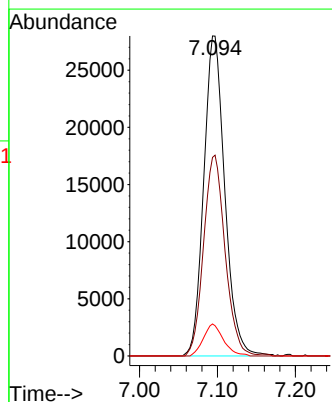
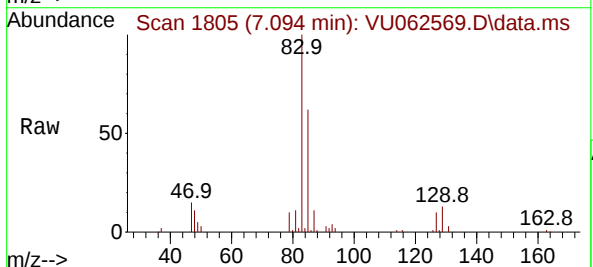
Instrument :
MSVOA_U
ClientSampleId :

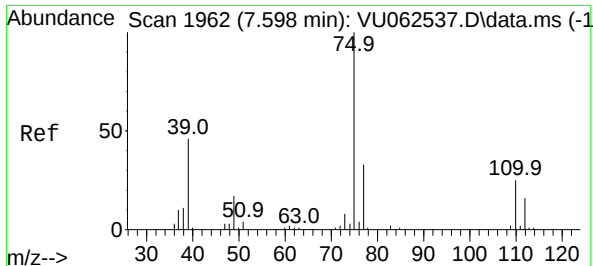
Tgt Ion: 63 Resp: 32315
Ion Ratio Lower Upper
63 100
112 4.5 3.4 5.0



#38
Bromodichloromethane
Concen: 5.177 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion: 83 Resp: 52502
Ion Ratio Lower Upper
83 100
85 62.1 44.1 81.9
127 10.0 6.9 10.3

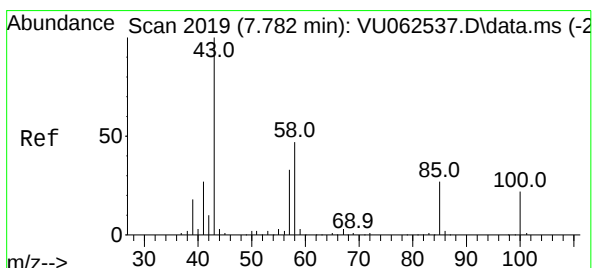
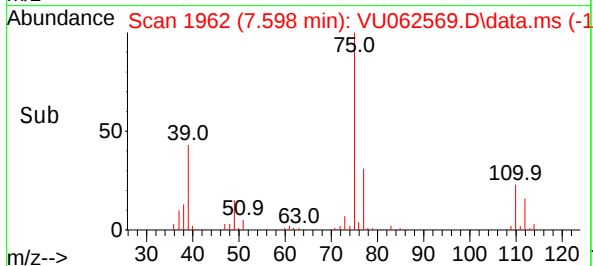
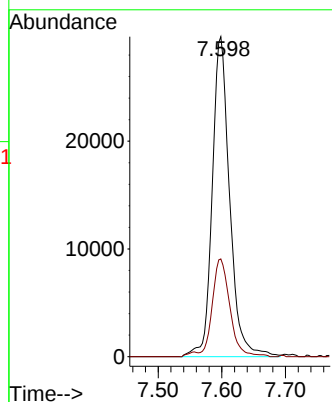
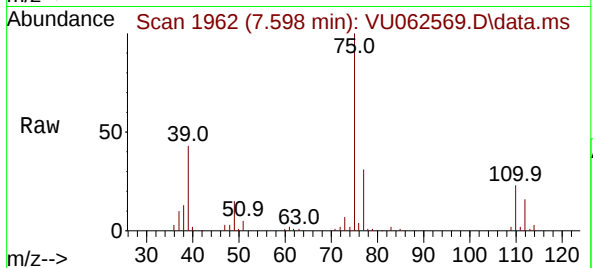




#39
 cis-1,3-Dichloropropene
 Concen: 4.902 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062569.D
 Acq: 26 Dec 2024 10:27

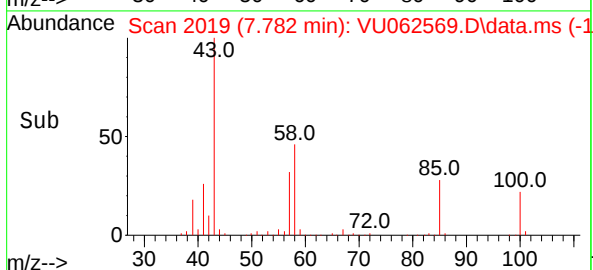
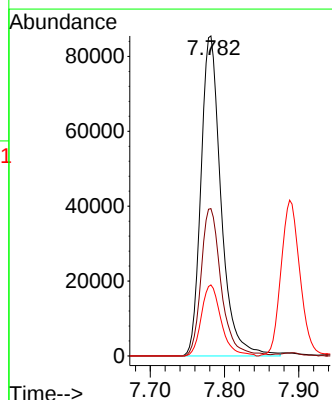
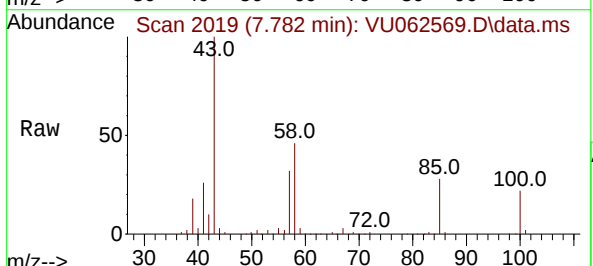
Instrument :
 MSVOA_U
 ClientSampleId :

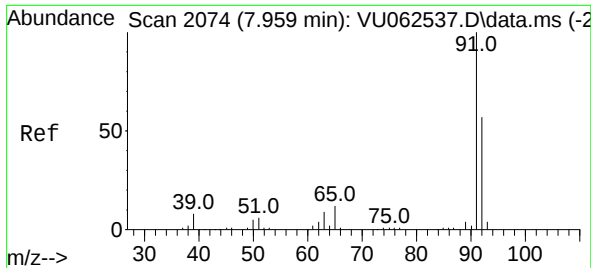
Tgt Ion: 75 Resp: 56473
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 47.792 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062569.D
 Acq: 26 Dec 2024 10:27

Tgt Ion: 43 Resp: 161004
 Ion Ratio Lower Upper
 43 100
 58 46.2 33.3 49.9
 100 21.8 12.4 18.6#





#42

Toluene

Concen: 4.878 ug/L

RT: 7.958 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

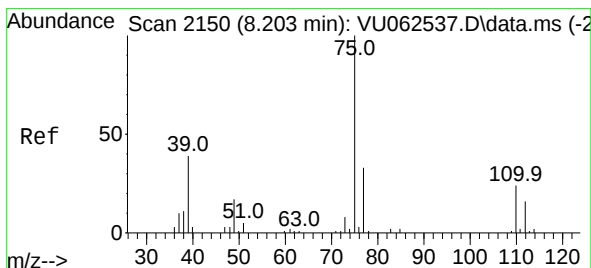
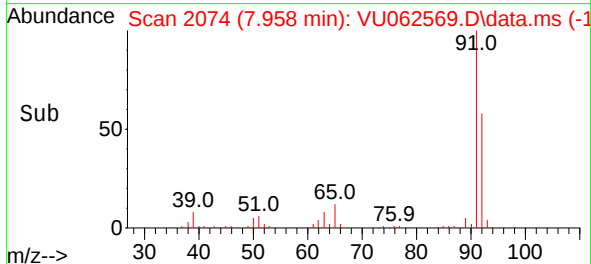
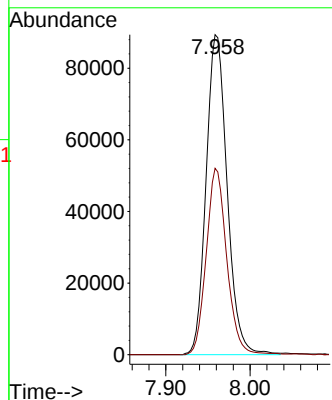
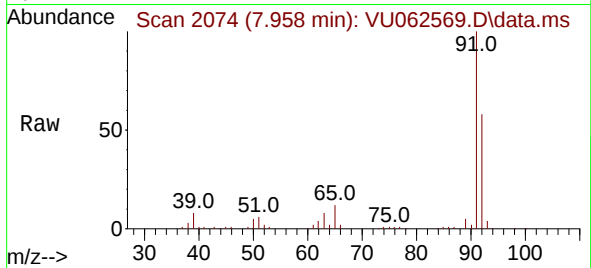
ClientSampleId :

Tgt Ion: 91 Resp: 155261

Ion Ratio Lower Upper

91 100

92 58.3 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.136 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062569.D

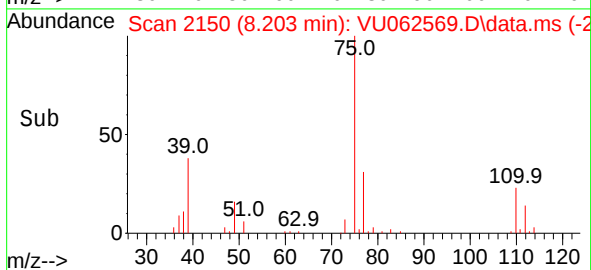
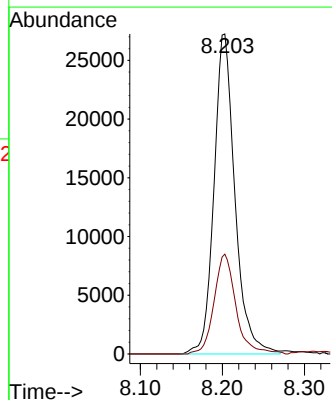
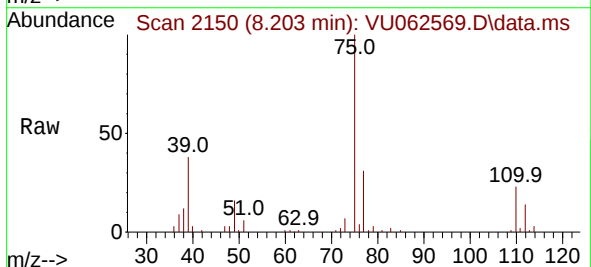
Acq: 26 Dec 2024 10:27

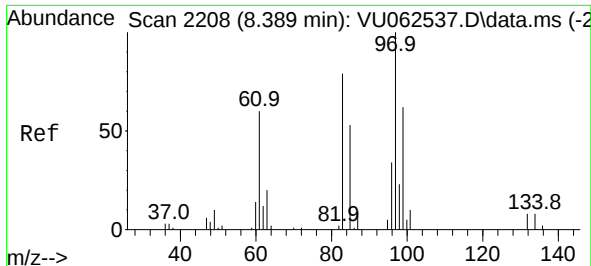
Tgt Ion: 75 Resp: 48320

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.036 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 27328

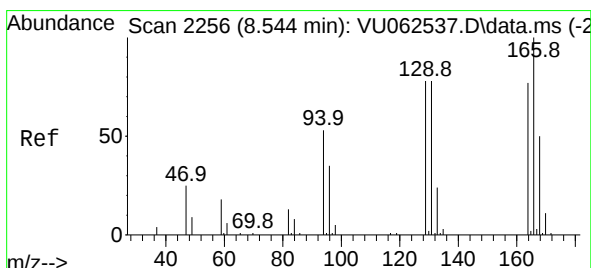
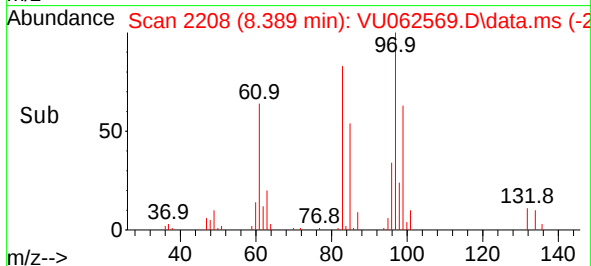
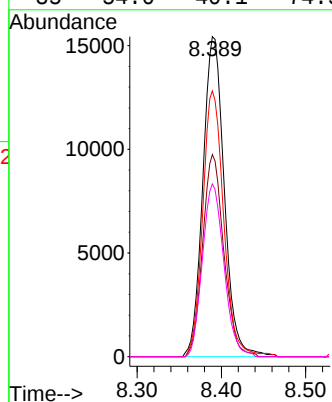
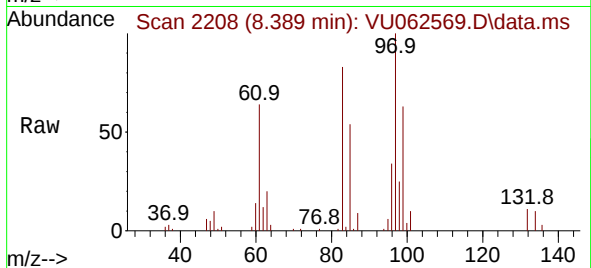
Ion Ratio Lower Upper

97 100

99 63.2 43.0 79.8

83 83.0 61.7 114.5

85 54.0 40.1 74.5



#47

Tetrachloroethene

Concen: 5.113 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Tgt Ion:164 Resp: 33007

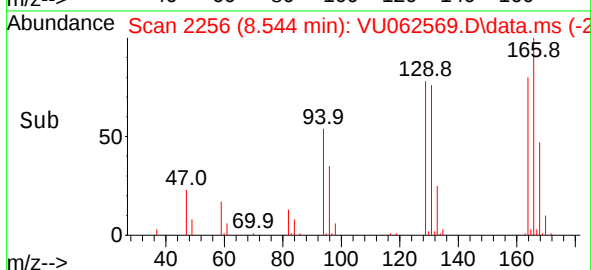
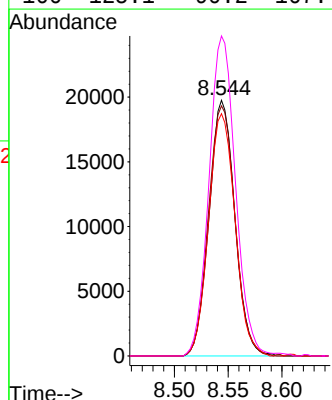
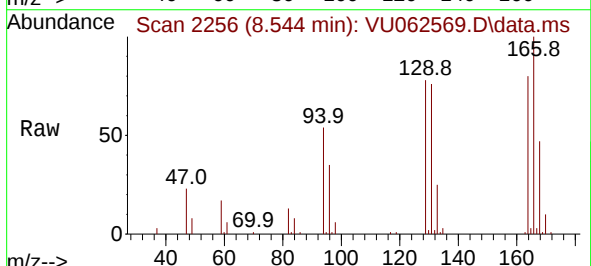
Ion Ratio Lower Upper

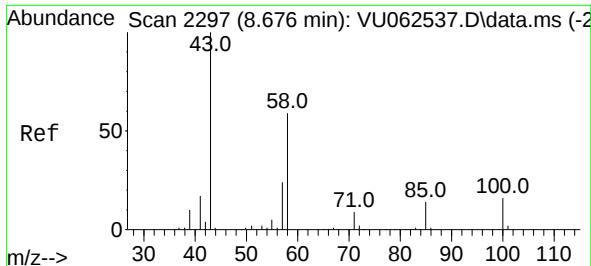
164 100

129 97.8 73.2 136.0

131 94.7 72.3 134.3

166 125.1 90.2 167.4





#48

2-Hexanone

Concen: 45.533 ug/L

RT: 8.675 min Scan# 2297

Delta R.T. 0.000 min

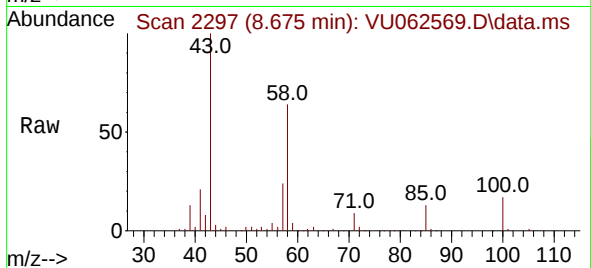
Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 113363

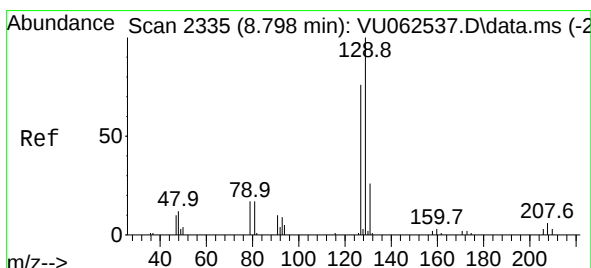
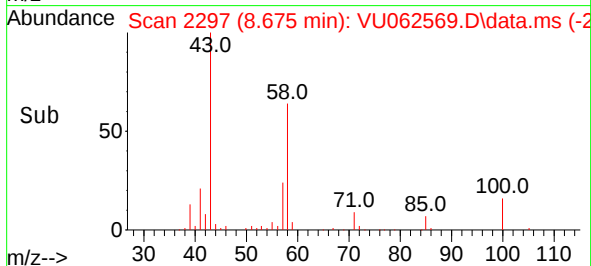
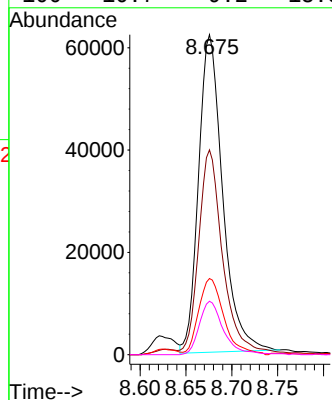
Ion Ratio Lower Upper

43 100

58 63.7 47.5 71.3

57 25.1 15.6 23.4#

100 16.7 9.2 13.8#



#49

Dibromochloromethane

Concen: 5.478 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU062569.D

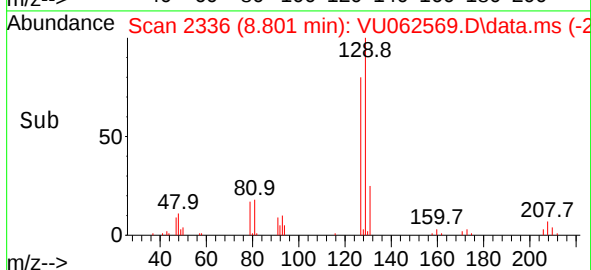
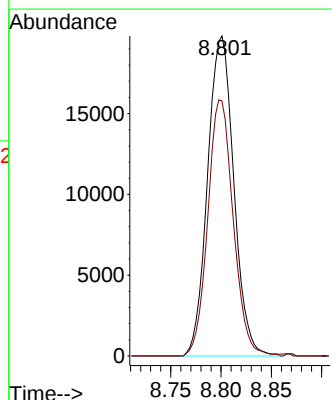
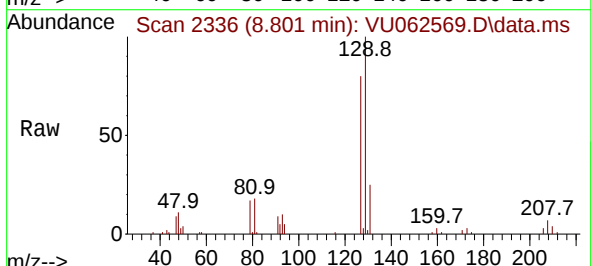
Acq: 26 Dec 2024 10:27

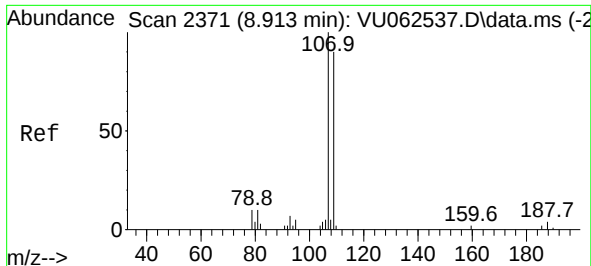
Tgt Ion: 129 Resp: 35913

Ion Ratio Lower Upper

129 100

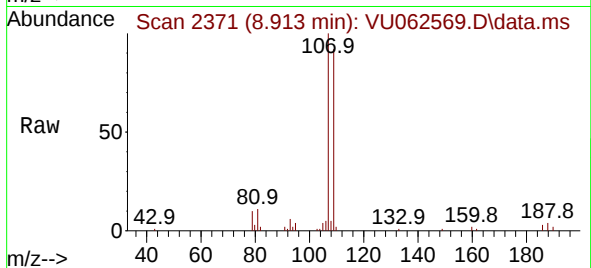
127 79.7 51.1 94.9



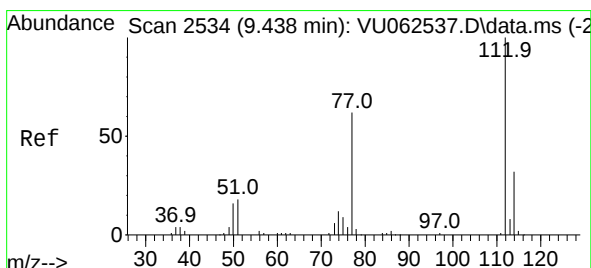
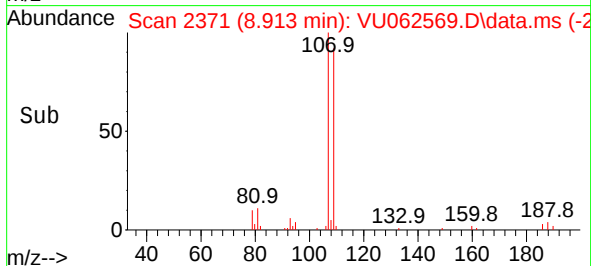
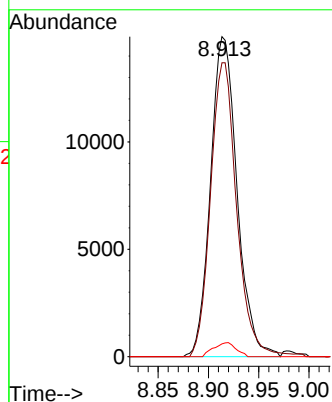


#50
1,2-Dibromoethane
Concen: 5.255 ug/L
RT: 8.913 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Instrument :
MSVOA_U
ClientSampleId :

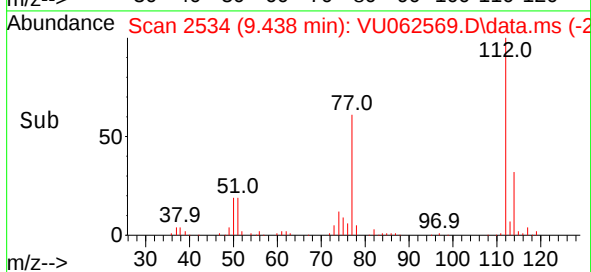
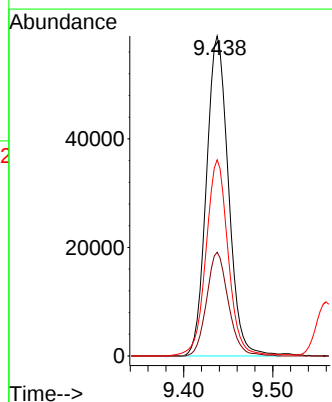
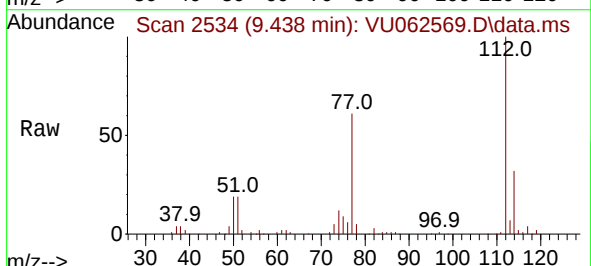


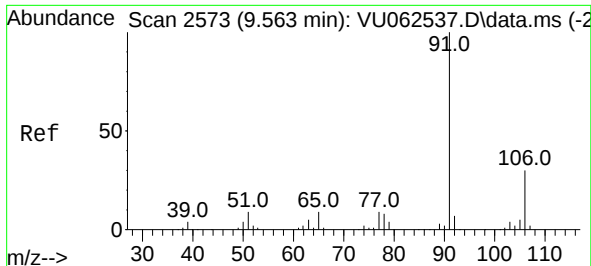
Tgt Ion:107 Resp: 27399
Ion Ratio Lower Upper
107 100
109 91.8 66.8 124.2
188 4.0 2.3 3.5#



#51
Chlorobenzene
Concen: 4.966 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion:112 Resp: 101276
Ion Ratio Lower Upper
112 100
114 32.4 23.0 42.6
77 61.3 50.5 75.7





#52

Ethylbenzene

Concen: 4.996 ug/L

RT: 9.560 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

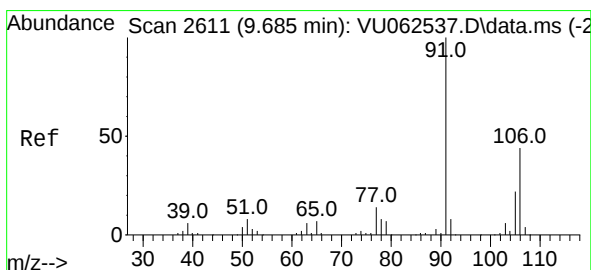
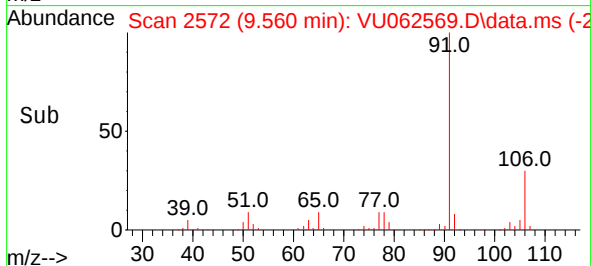
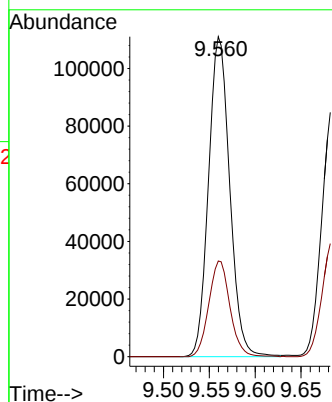
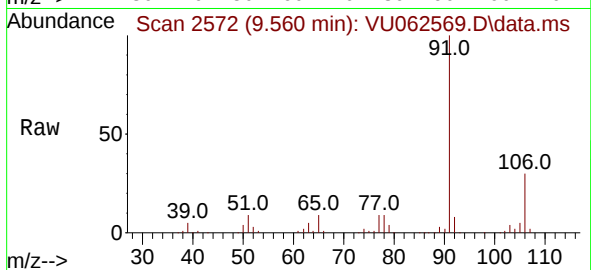
ClientSampleId :

Tgt Ion: 91 Resp: 178290

Ion Ratio Lower Upper

91 100

106 29.9 21.6 40.0



#53

m,p-Xylene

Concen: 5.087 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU062569.D

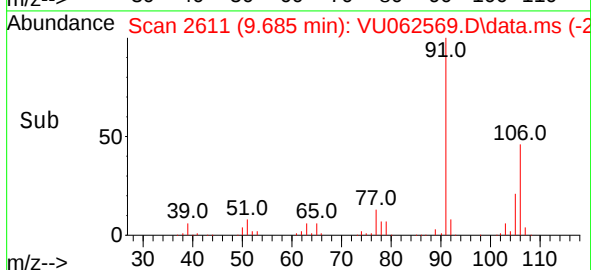
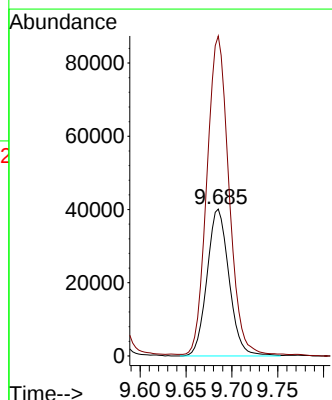
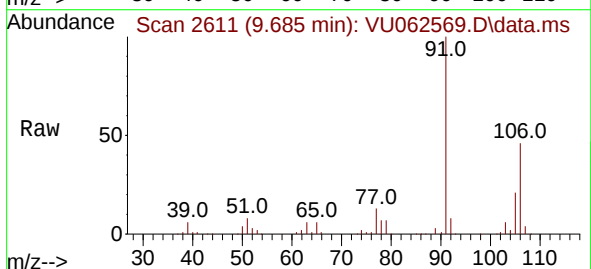
Acq: 26 Dec 2024 10:27

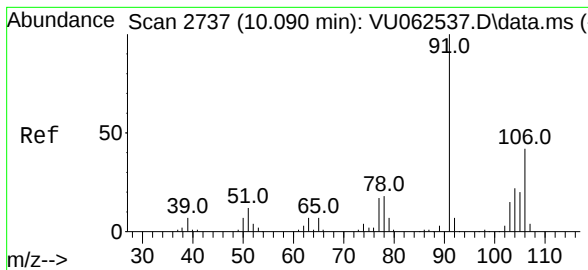
Tgt Ion:106 Resp: 67024

Ion Ratio Lower Upper

106 100

91 217.9 147.6 274.0

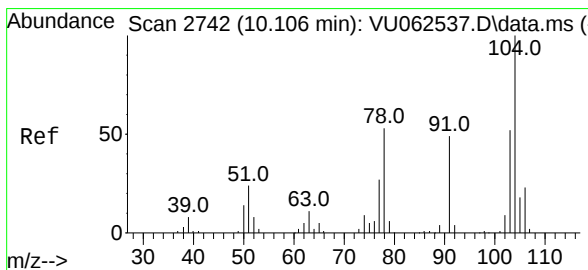
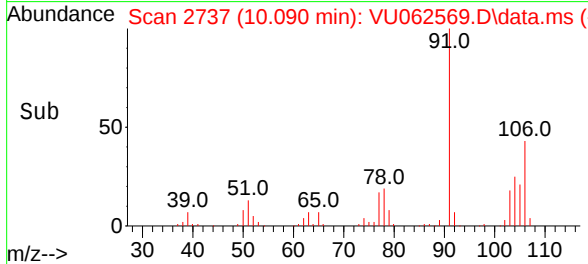
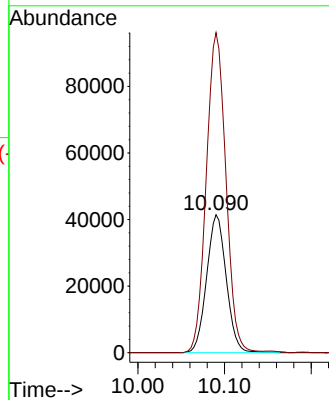
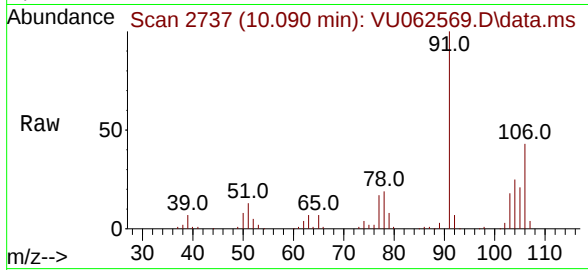




#54
o-Xylene
Concen: 5.092 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

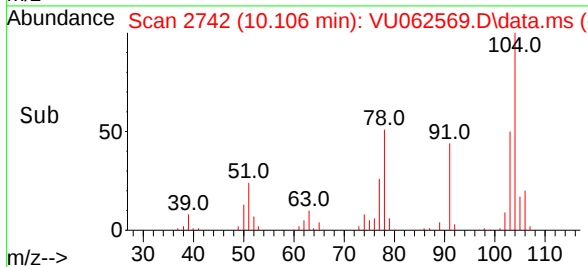
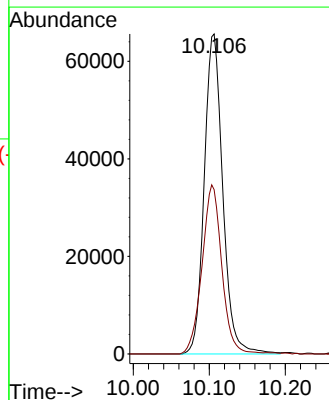
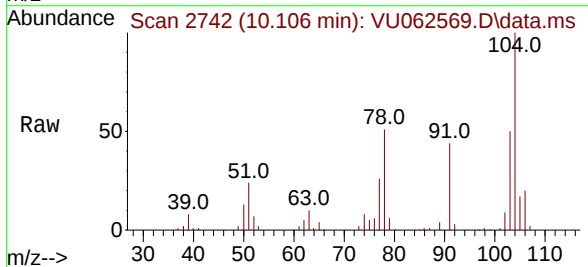
Instrument :
MSVOA_U
ClientSampleId :

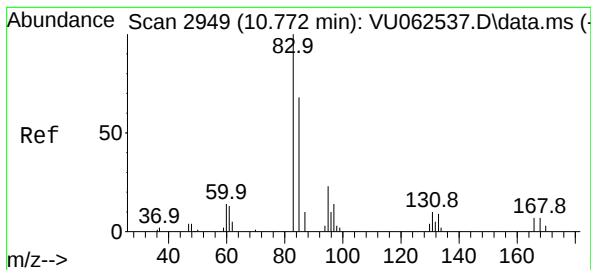
Tgt Ion:106 Resp: 65246
Ion Ratio Lower Upper
106 100
91 232.0 159.8 296.8



#55
Styrene
Concen: 5.262 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion:104 Resp: 111155
Ion Ratio Lower Upper
104 100
78 51.3 33.2 61.7

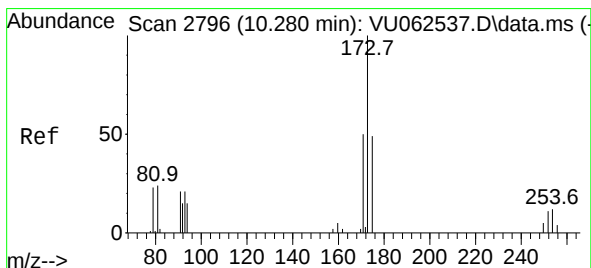
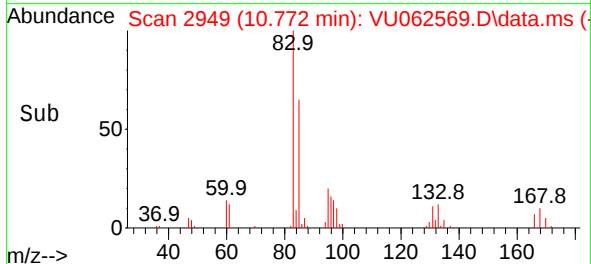
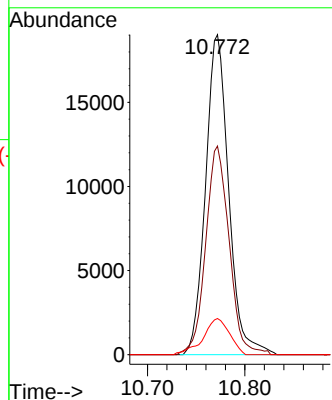
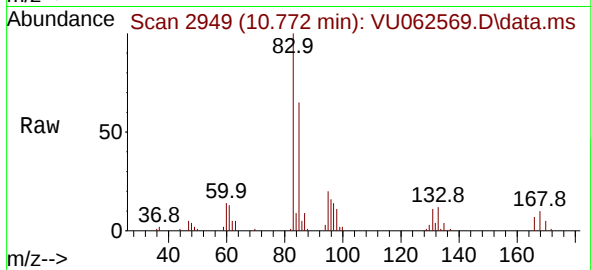




#57
1,1,2,2-Tetrachloroethane
Concen: 4.962 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

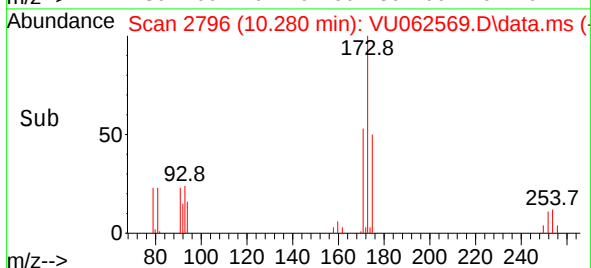
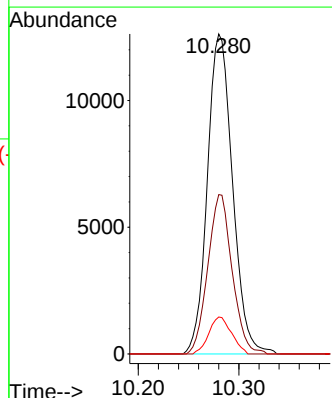
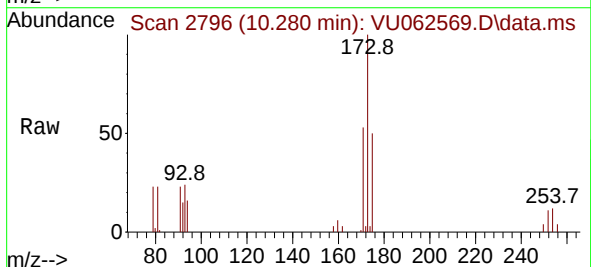
Instrument :
MSVOA_U
ClientSampleId :

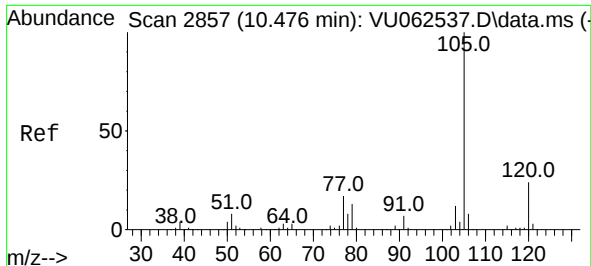
Tgt Ion: 83 Resp: 31338
Ion Ratio Lower Upper
83 100
85 65.2 44.4 82.4
131 11.3 7.3 10.9#



#59
Bromoform
Concen: 5.471 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion:173 Resp: 21964
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 10.4 7.4 11.0

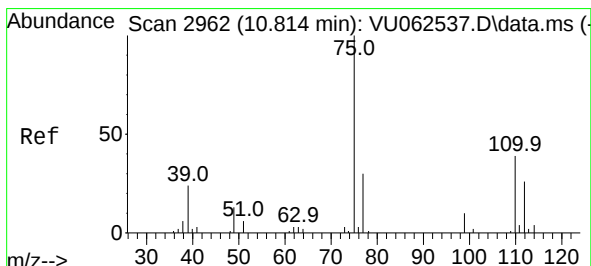
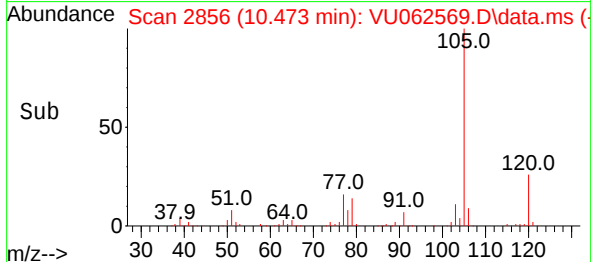
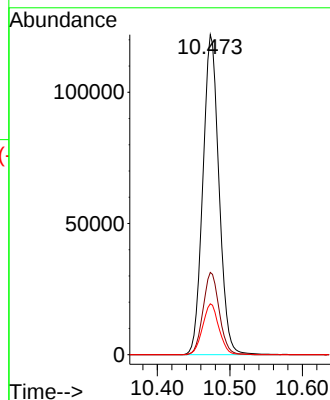
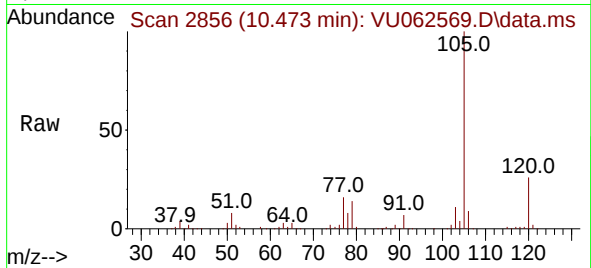




#60
Isopropylbenzene
Concen: 5.100 ug/L
RT: 10.473 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

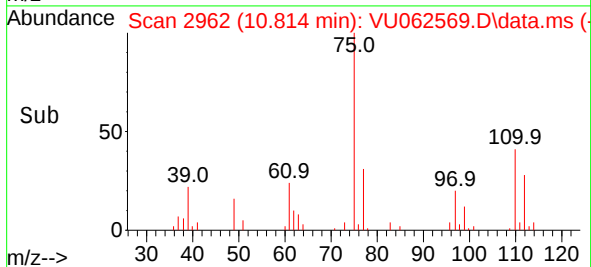
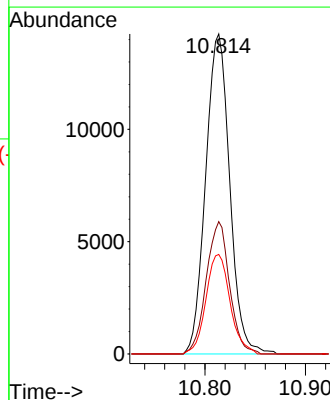
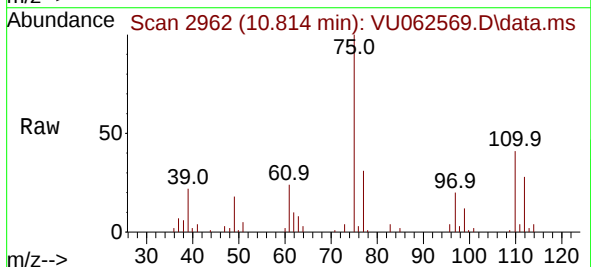
Instrument :
MSVOA_U
ClientSampleId :

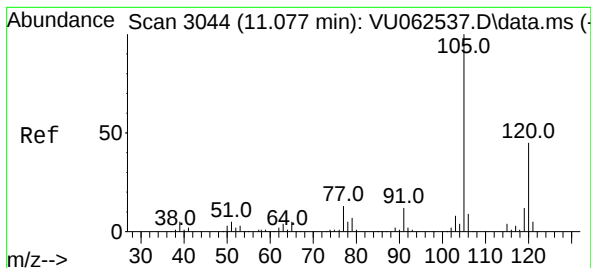
Tgt Ion:105 Resp: 188213
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.012 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion: 75 Resp: 23678
Ion Ratio Lower Upper
75 100
110 40.0 28.9 43.3
77 31.3 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.213 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

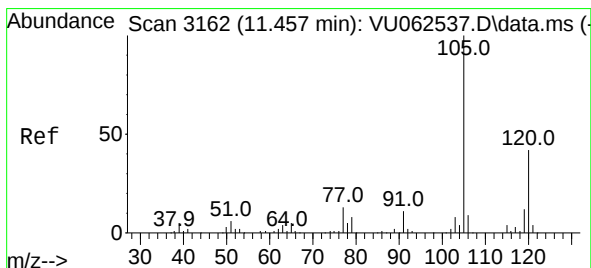
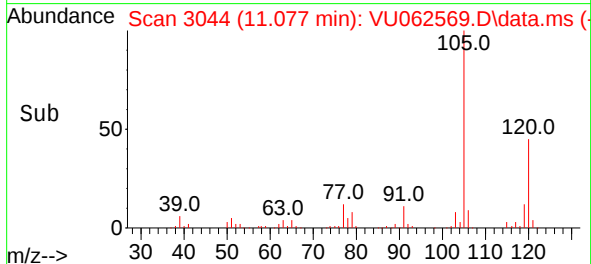
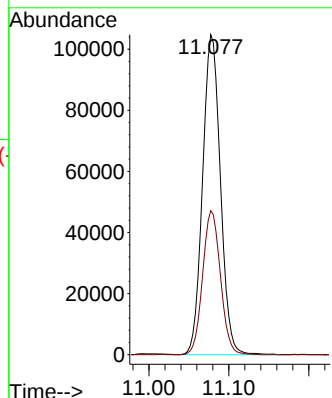
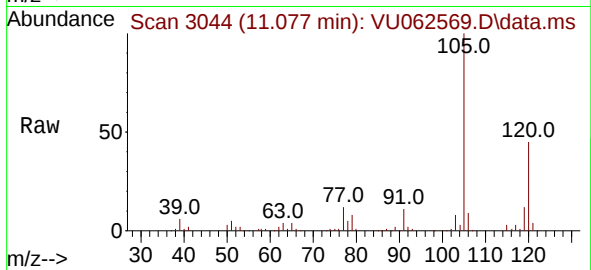
ClientSampleId :

Tgt Ion:105 Resp: 162797

Ion Ratio Lower Upper

105 100

120 44.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.186 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062569.D

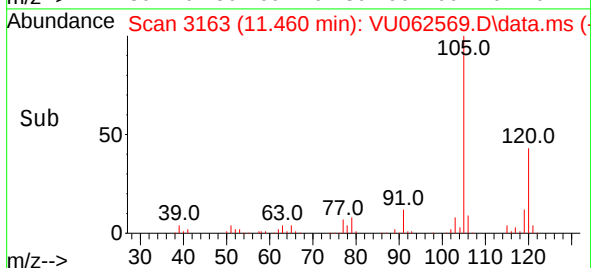
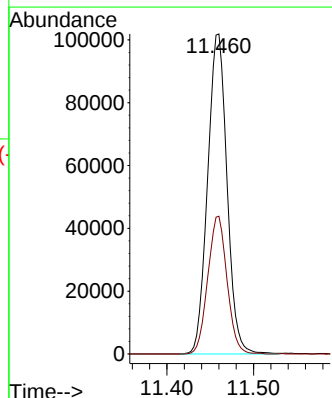
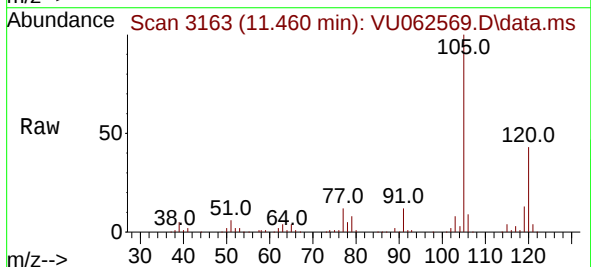
Acq: 26 Dec 2024 10:27

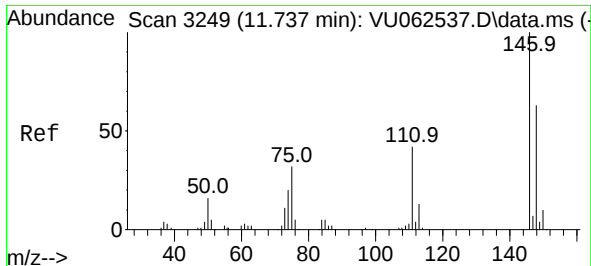
Tgt Ion:105 Resp: 158691

Ion Ratio Lower Upper

105 100

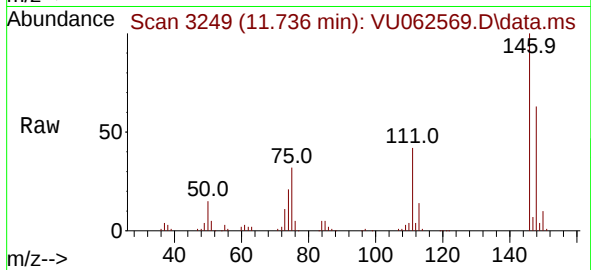
120 42.6 34.7 52.1



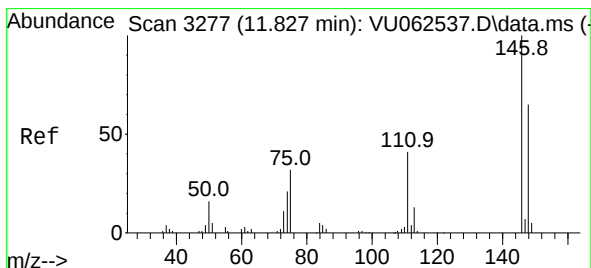
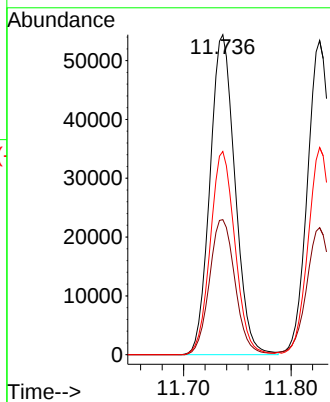
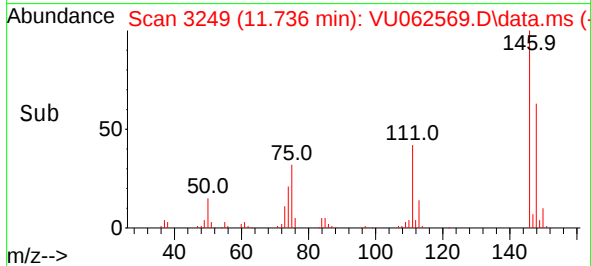


#64
1,3-Dichlorobenzene
Concen: 5.190 ug/L
RT: 11.736 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

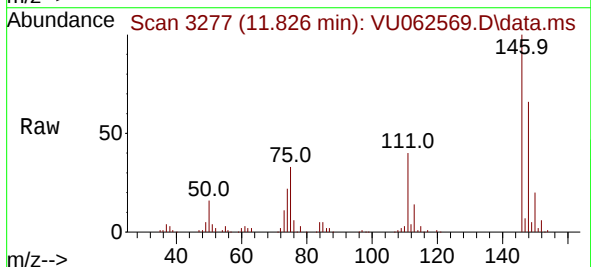
Instrument :
MSVOA_U
ClientSampleId :



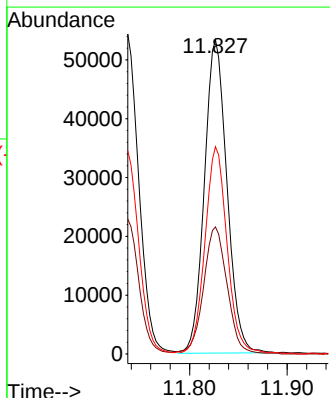
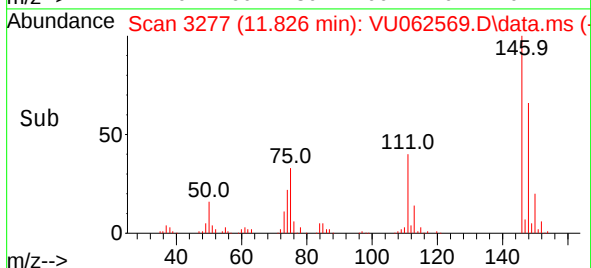
Tgt Ion:146 Resp: 87982
Ion Ratio Lower Upper
146 100
111 42.2 30.7 57.1
148 63.5 45.1 83.7

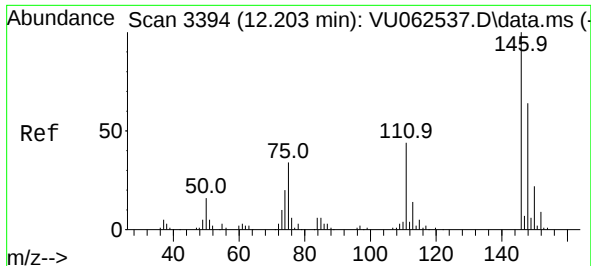


#65
1,4-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.826 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27



Tgt Ion:146 Resp: 85696
Ion Ratio Lower Upper
146 100
111 40.4 29.3 54.3
148 65.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.181 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

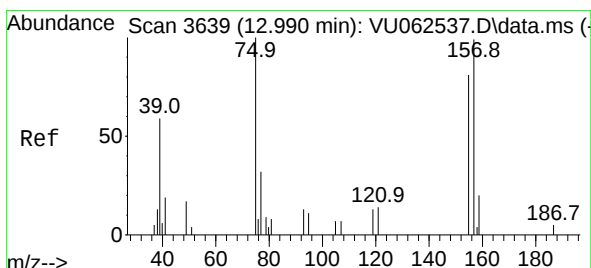
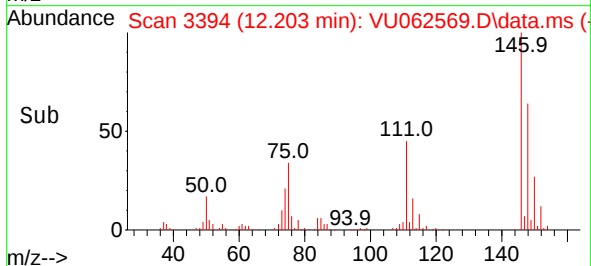
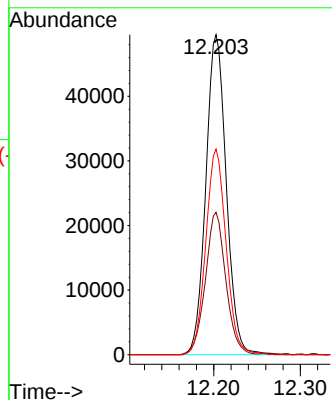
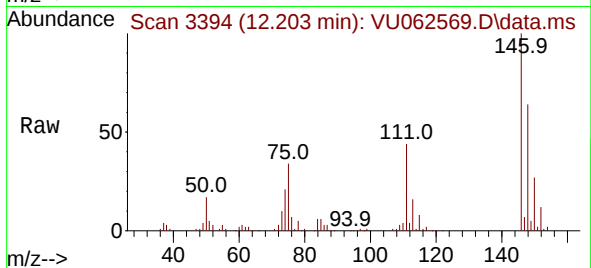
Tgt Ion:146 Resp: 81172

Ion Ratio Lower Upper

146 100

111 44.5 36.0 54.0

148 64.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.255 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

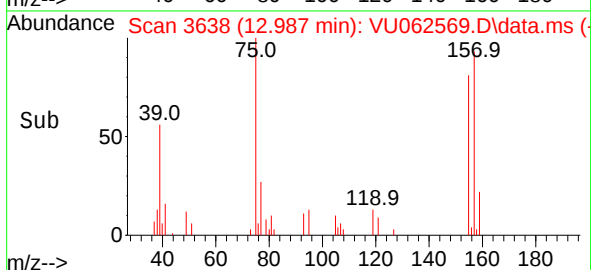
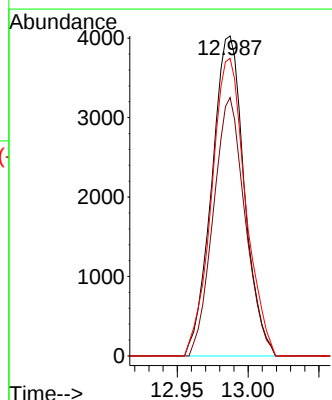
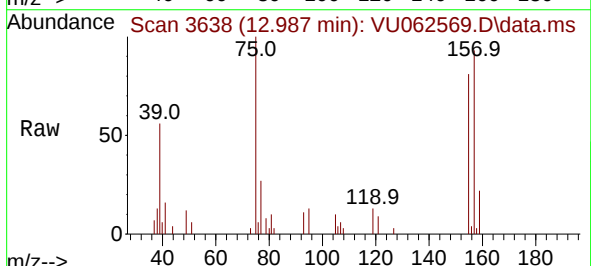
Tgt Ion: 75 Resp: 6445

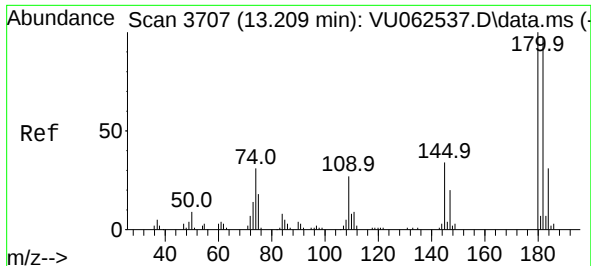
Ion Ratio Lower Upper

75 100

155 80.8 55.2 82.8

157 93.0 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.519 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 69554

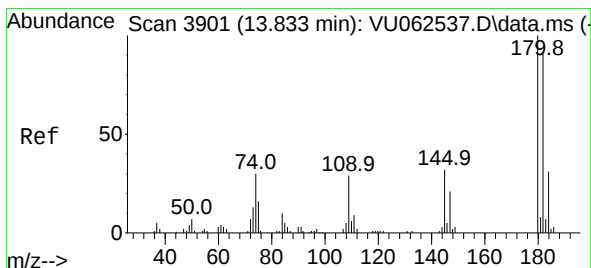
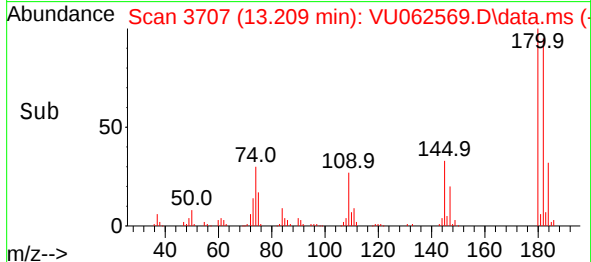
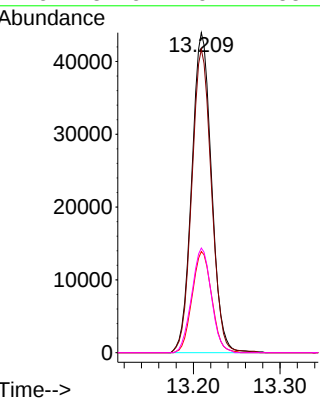
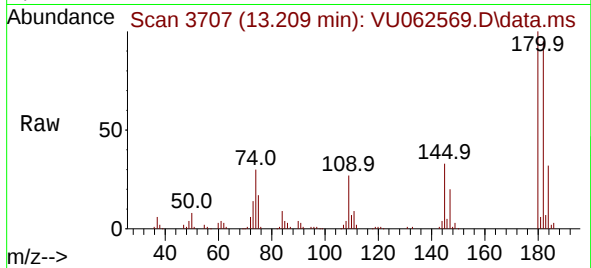
Ion Ratio Lower Upper

180 100

182 94.3 76.7 115.1

184 31.3 24.8 37.2

145 32.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.547 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062569.D

Acq: 26 Dec 2024 10:27

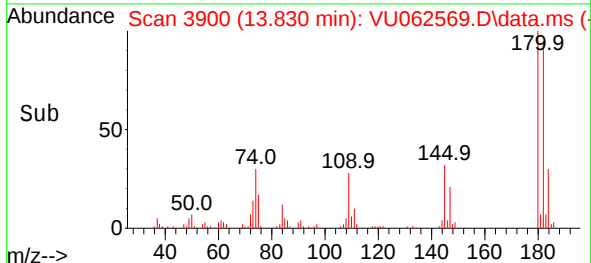
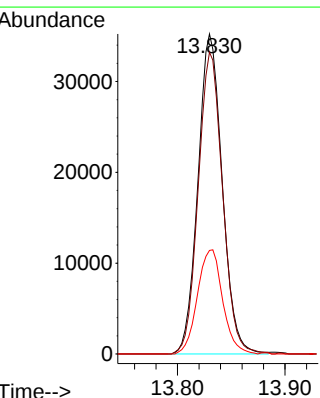
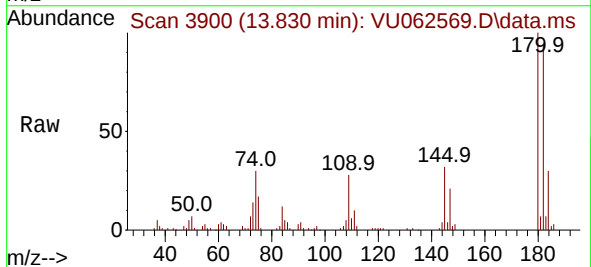
Tgt Ion:180 Resp: 55193

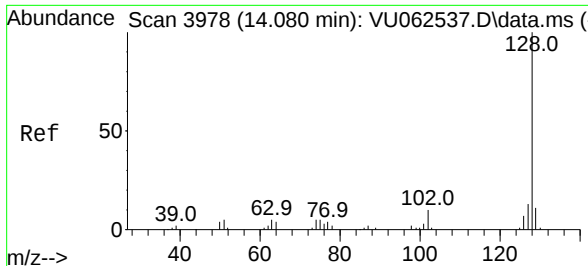
Ion Ratio Lower Upper

180 100

182 94.5 74.5 111.7

145 33.8 25.6 38.4

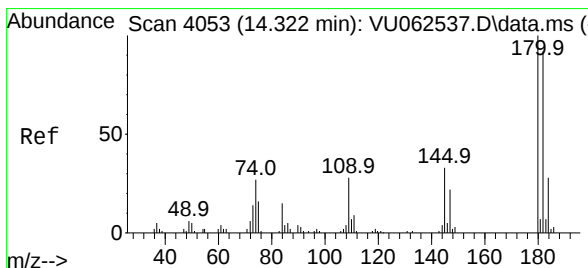
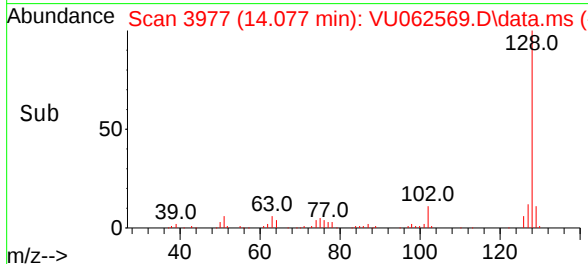
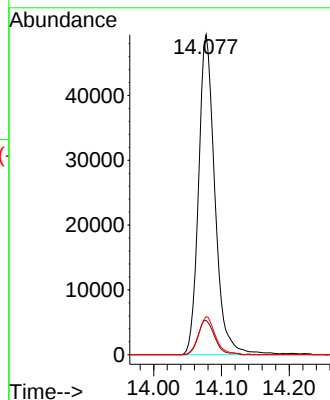
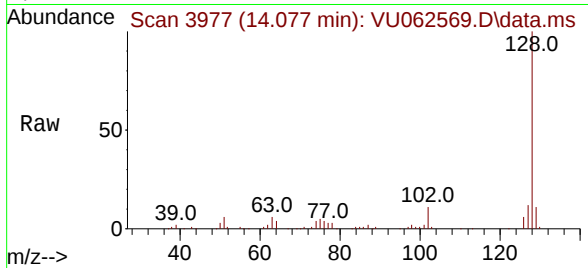




#71
Naphthalene
Concen: 5.522 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 82493
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.360 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062569.D
Acq: 26 Dec 2024 10:27

Tgt Ion:180 Resp: 47026
Ion Ratio Lower Upper
180 100
182 94.4 76.1 114.1
145 34.6 27.4 41.0

