

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062588.D
 Acq On : 26 Dec 2024 21:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 00:22:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94548	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	48828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22827	3.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.907	69	20736	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	12667	4.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.621	46	67325	55.085	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.160%
24) Chloroform-d	5.049	84	71213	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.689	65	39111	5.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.714	84	117913	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.679	67	33054	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.888	98	115322	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.171	79	16546	5.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.624	63	63407	65.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.440%#
56) 1,1,2,2-Tetrachloroeth...	10.743	84	30606	5.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	47031	5.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	40118	4.530	ug/L	97
3) Chloromethane	1.515	50	27120	3.906	ug/L	97
5) Vinyl chloride	1.599	62	33038	4.571	ug/L	99
6) Bromomethane	1.853	94	23866	4.954	ug/L	97
8) Chloroethane	1.927	64	18723	4.625	ug/L	97
9) Trichlorofluoromethane	2.129	101	69011	5.501	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	34046	4.986	ug/L	91
12) 1,1-Dichloroethene	2.573	96	31017	4.859	ug/L	92
13) Acetone	2.634	43	47373	56.927	ug/L	99
14) Carbon disulfide	2.785	76	80068	3.966	ug/L	98
15) Methyl Acetate	2.949	43	9859	4.727	ug/L #	87
16) Methylene chloride	3.036	84	33822	5.047	ug/L	88
17) Methyl tert-butyl Ether	3.351	73	90562	5.695	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	31670	4.828	ug/L	89
19) 1,1-Dichloroethane	3.856	63	60896	5.065	ug/L	97
21) 2-Butanone	4.698	43	66594	55.104	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	38856	5.285	ug/L	89
23) Bromochloromethane	4.965	128	18426	5.718	ug/L #	71
25) Chloroform	5.075	83	75254	5.557	ug/L	99

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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 00:22:56 2024
 Response via : Initial Calibration

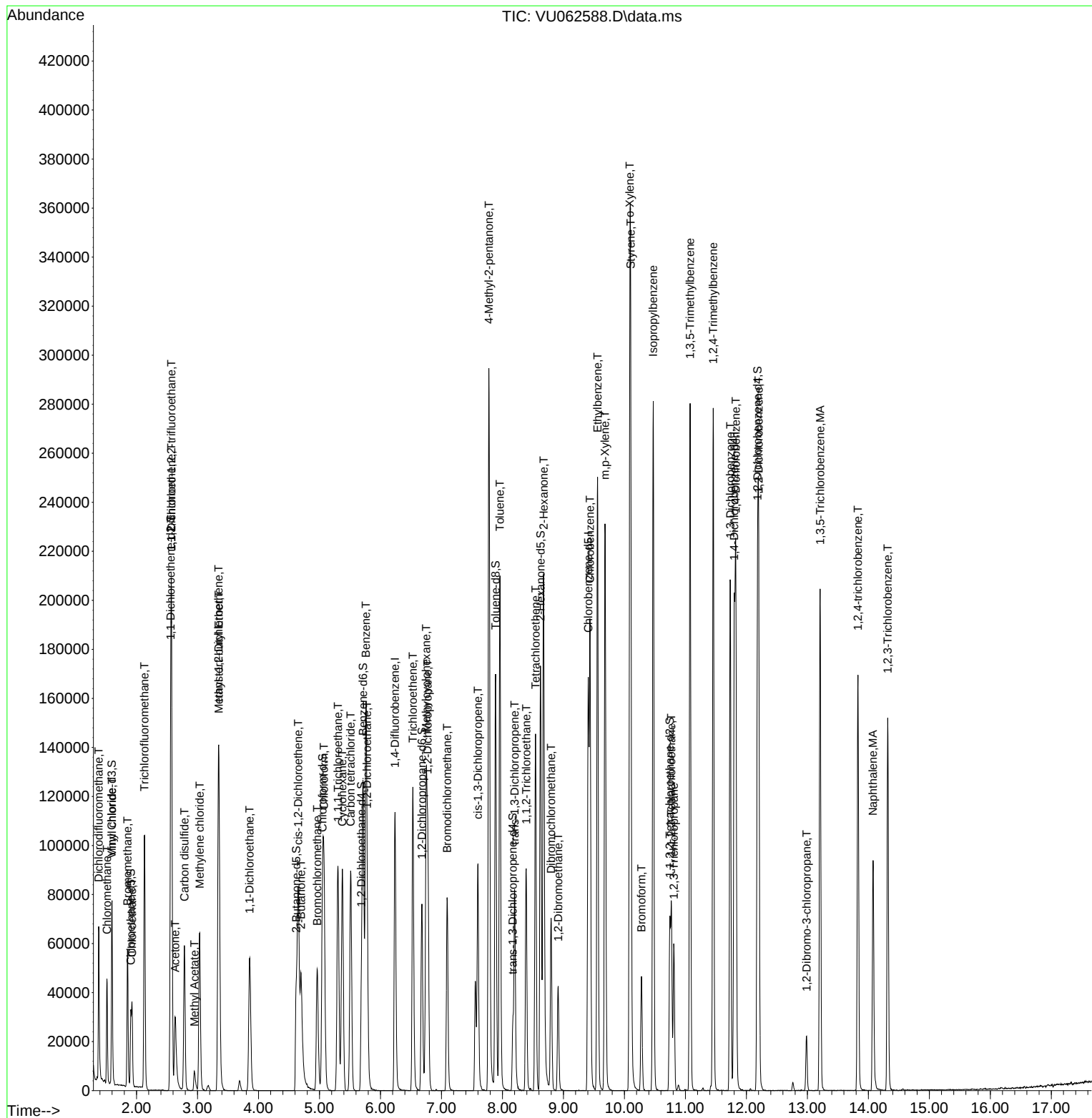
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	49405	5.741	ug/L	95
29) 1,1,1-Trichloroethane	5.303	97	70408	5.677	ug/L	94
30) Cyclohexane	5.374	56	42484	4.225	ug/L	87
31) Carbon tetrachloride	5.512	117	65107	5.725	ug/L	98
33) Benzene	5.763	78	137408	5.030	ug/L	100
34) Trichloroethene	6.531	95	42345	5.472	ug/L	95
35) Methylcyclohexane	6.750	83	51796	4.514	ug/L	93
37) 1,2-Dichloropropane	6.775	63	32692	4.914	ug/L	98
38) Bromodichloromethane	7.094	83	52843	5.630	ug/L #	97
39) cis-1,3-Dichloropropene	7.599	75	56337	5.283	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	169680	54.418	ug/L #	90
42) Toluene	7.959	91	153779	5.220	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	49546	5.690	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	28465	5.667	ug/L	95
47) Tetrachloroethene	8.544	164	31505	5.273	ug/L	96
48) 2-Hexanone	8.676	43	125814	54.598	ug/L #	95
49) Dibromochloromethane	8.798	129	37382	6.160	ug/L	95
50) 1,2-Dibromoethane	8.914	107	27621	5.723	ug/L #	98
51) Chlorobenzene	9.438	112	101233	5.363	ug/L	98
52) Ethylbenzene	9.560	91	176592	5.347	ug/L	99
53) m,p-Xylene	9.682	106	65643	5.383	ug/L	95
54) o-Xylene	10.090	106	66506	5.608	ug/L	99
55) Styrene	10.103	104	109907	5.622	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.769	83	33450	5.723	ug/L #	98
59) Bromoform	10.280	173	22729	5.923	ug/L	97
60) Isopropylbenzene	10.473	105	183039	5.189	ug/L	98
61) 1,2,3-Trichloropropane	10.811	75	24473	5.420	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	156786	5.252	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	156455	5.350	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	85962	5.305	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	84392	5.172	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	81087	5.415	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6275	6.371	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.209	180	64874	5.386	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	52838	5.556	ug/L	96
71) Naphthalene	14.077	128	82987	5.812	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	47718	5.690	ug/L	99

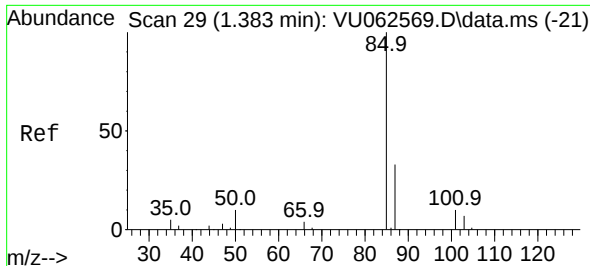
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Data File : VU062588.D
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 27 00:29:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
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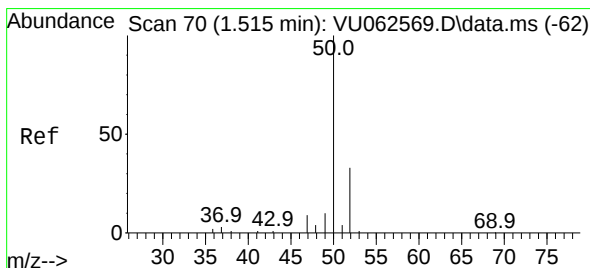
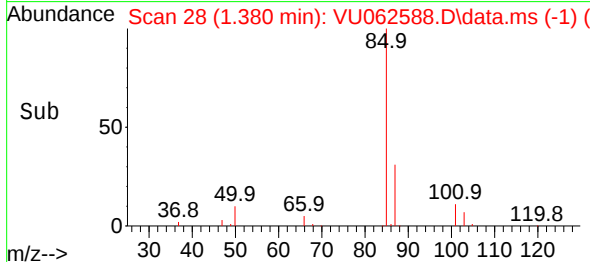
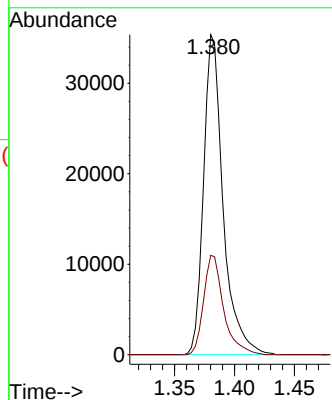
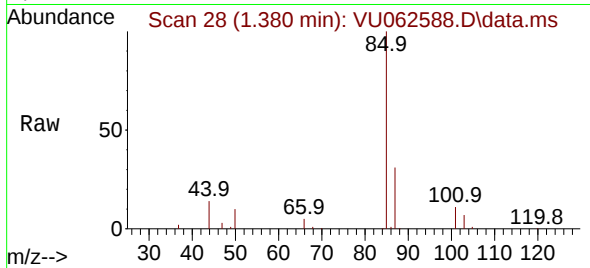




#2
 Dichlorodifluoromethane
 Concen: 4.530 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU062588.D
 Acq: 26 Dec 2024 21:32

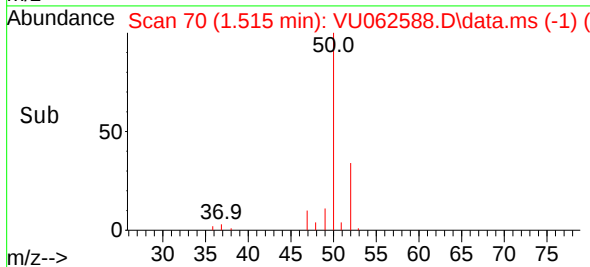
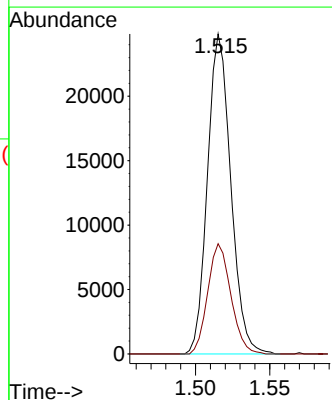
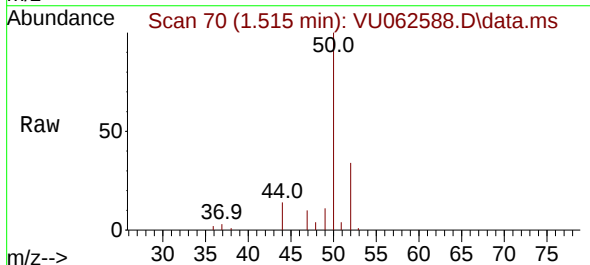
Instrument :
 MSVOA_U
 ClientSampleId :

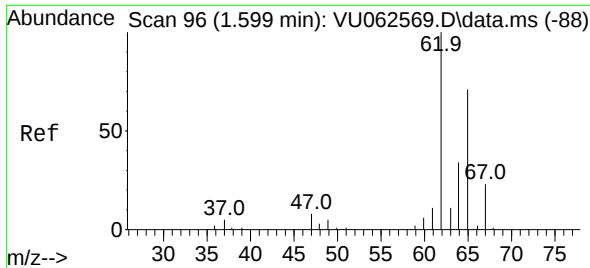
Tgt Ion: 85 Resp: 40118
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.6 40.0



#3
 Chloromethane
 Concen: 3.906 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062588.D
 Acq: 26 Dec 2024 21:32

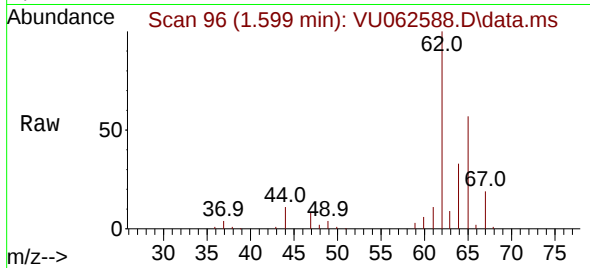
Tgt Ion: 50 Resp: 27120
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.1 42.9



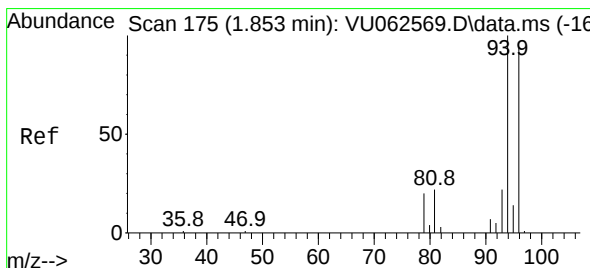
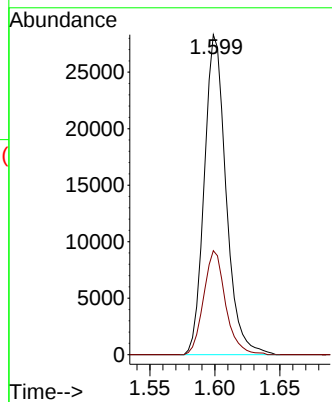
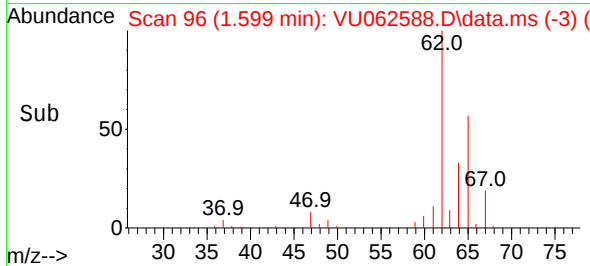


#5
 Vinyl chloride
 Concen: 4.571 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062588.D
 Acq: 26 Dec 2024 21:32

Instrument :
 MSVOA_U
 ClientSampleId :

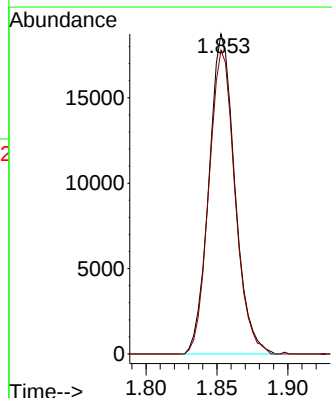
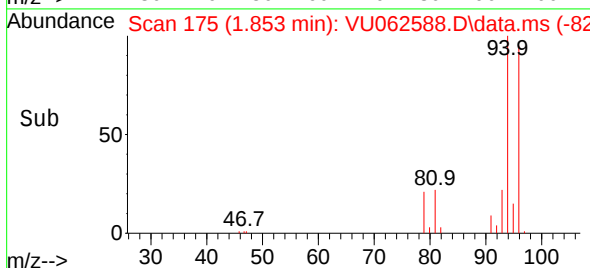
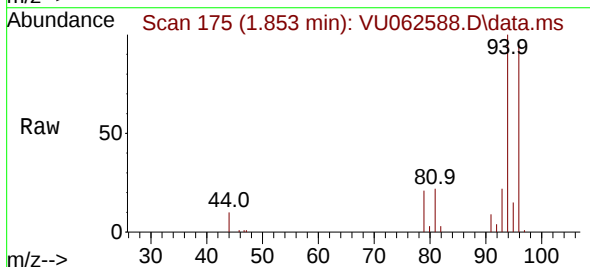


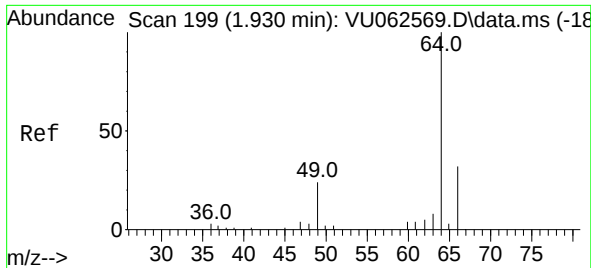
Tgt Ion: 62 Resp: 33038
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 4.954 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU062588.D
 Acq: 26 Dec 2024 21:32

Tgt Ion: 94 Resp: 23866
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.5 119.9

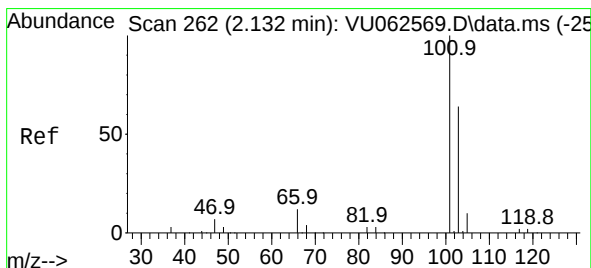
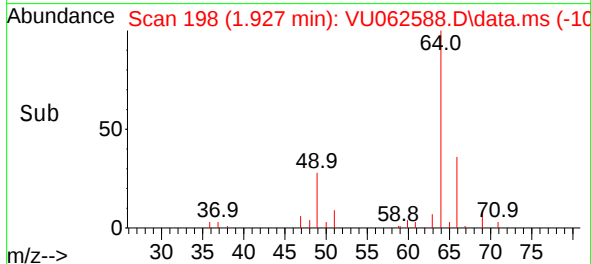
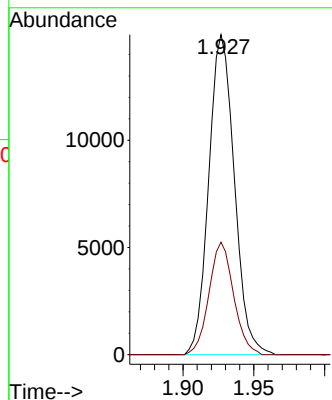
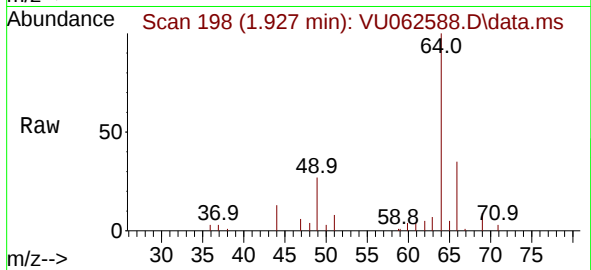




#8
Chloroethane
Concen: 4.625 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

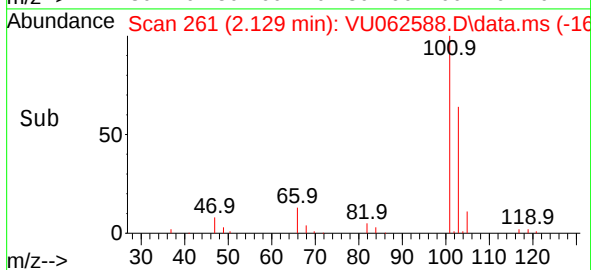
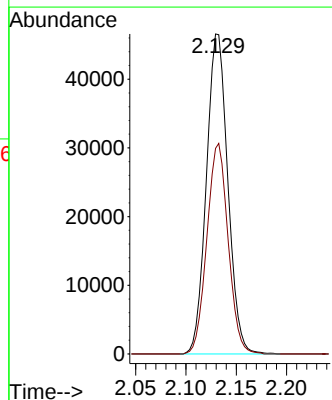
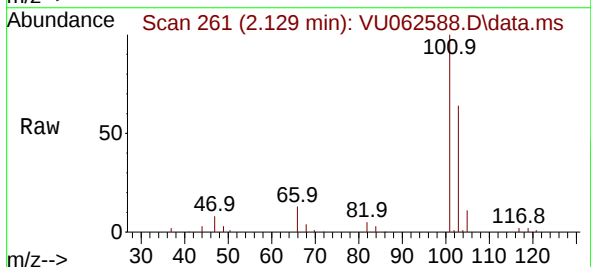
Instrument :
MSVOA_U
ClientSampleId :

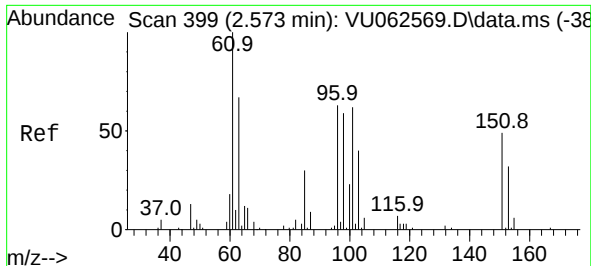
Tgt Ion: 64 Resp: 18723
Ion Ratio Lower Upper
64 100
66 35.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.501 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion:101 Resp: 69011
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

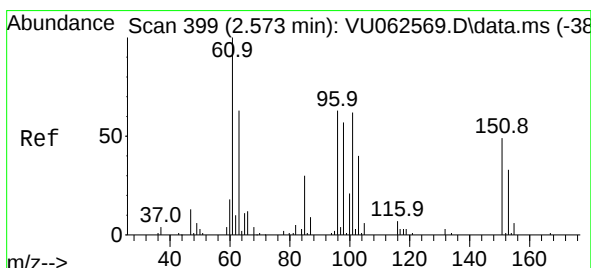
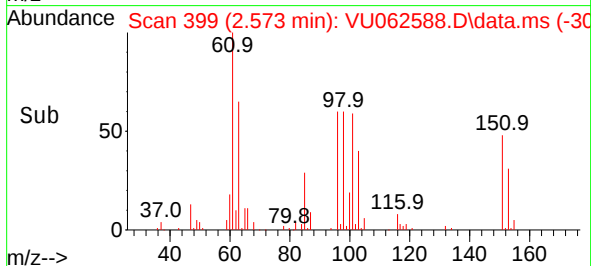
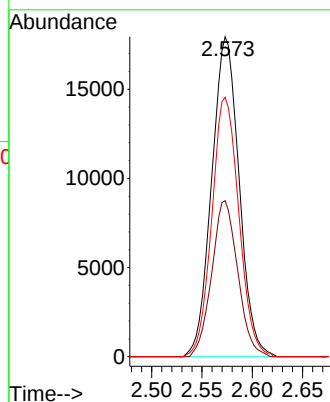
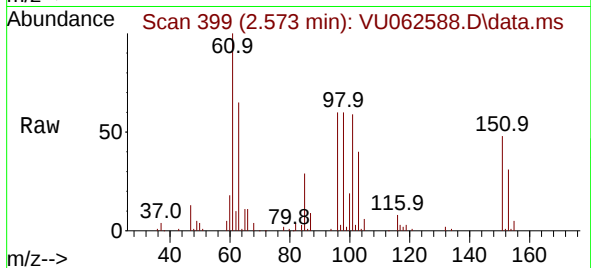




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.986 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

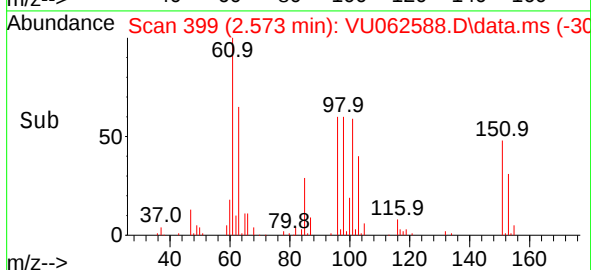
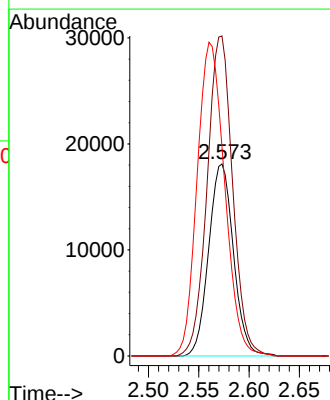
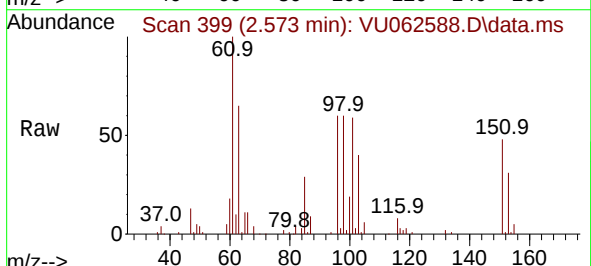
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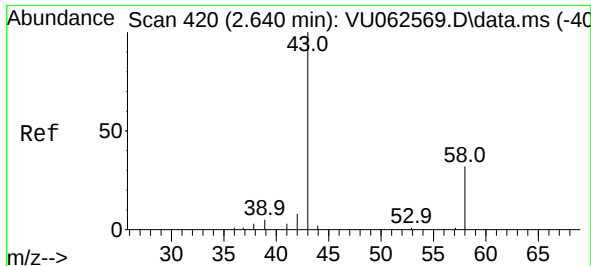
Tgt Ion:101 Resp: 34046
Ion Ratio Lower Upper
101 100
85 46.2 38.0 57.0
151 79.9 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.859 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion: 96 Resp: 31017
Ion Ratio Lower Upper
96 100
61 166.7 119.6 222.2
63 109.1 65.0 120.6





#13

Acetone

Concen: 56.927 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.006 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

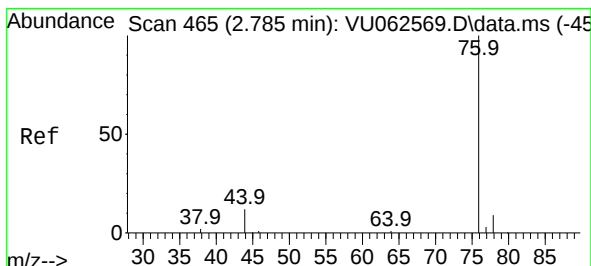
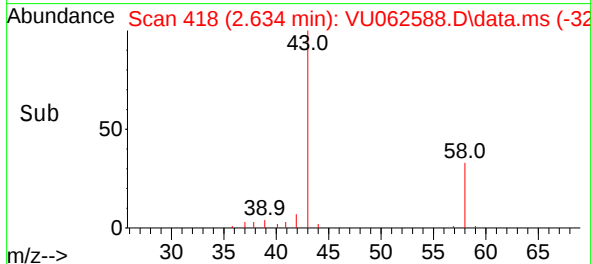
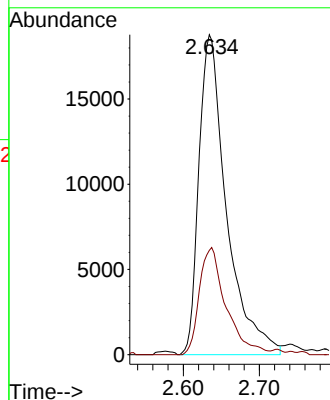
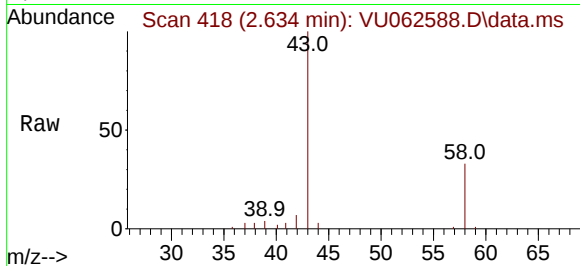
ClientSampleId :

Tgt Ion: 43 Resp: 47373

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.0



#14

Carbon disulfide

Concen: 3.966 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062588.D

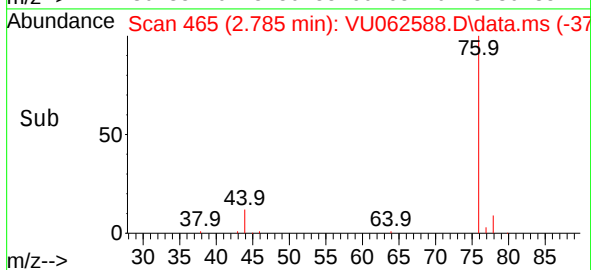
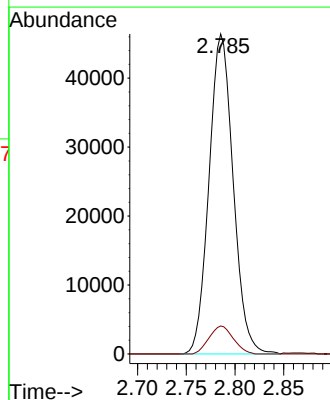
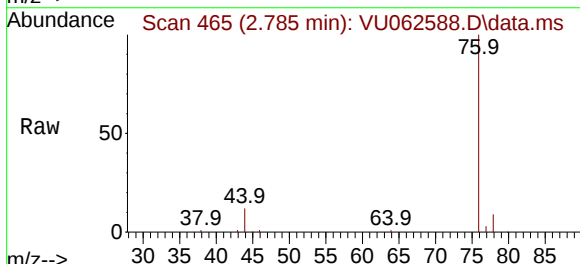
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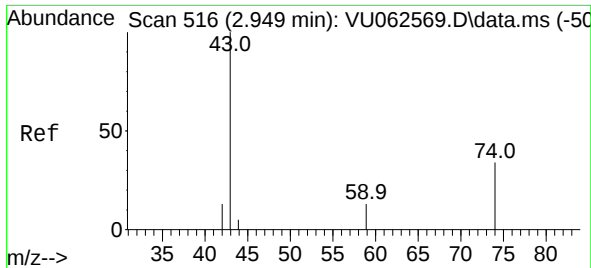
Tgt Ion: 76 Resp: 80068

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#15

Methyl Acetate

Concen: 4.727 ug/L

RT: 2.949 min Scan# 516

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

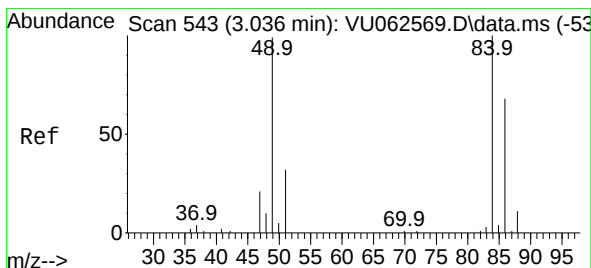
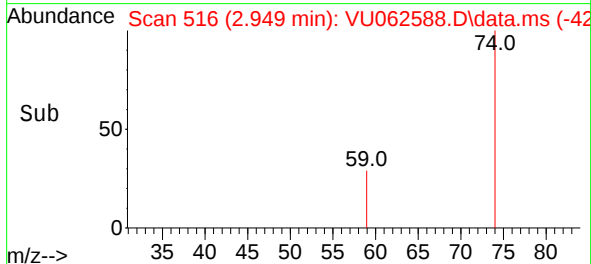
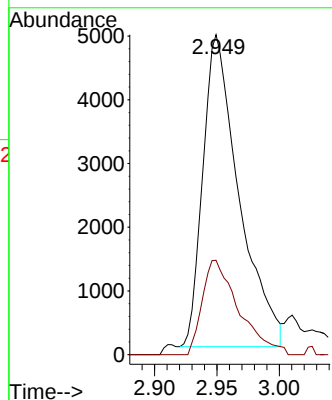
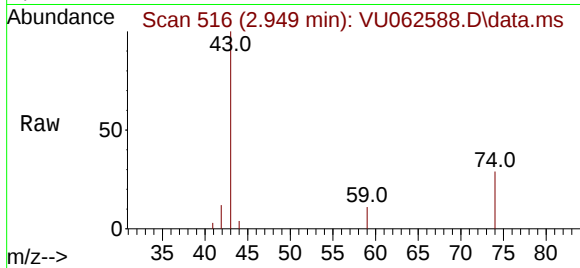
ClientSampleId :

Tgt Ion: 43 Resp: 9859

Ion Ratio Lower Upper

43 100

74 30.6 19.4 29.2#



#16

Methylene chloride

Concen: 5.047 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

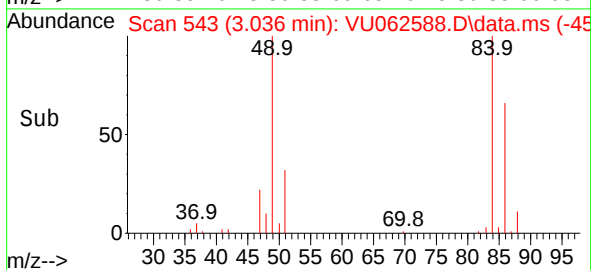
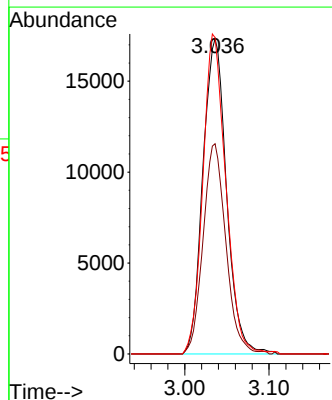
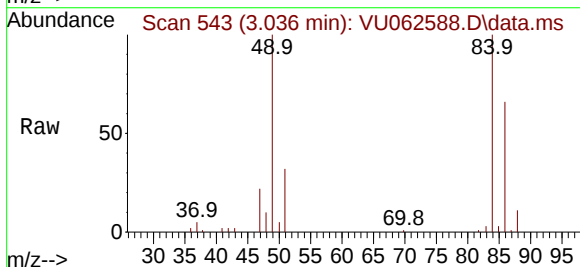
Tgt Ion: 84 Resp: 33822

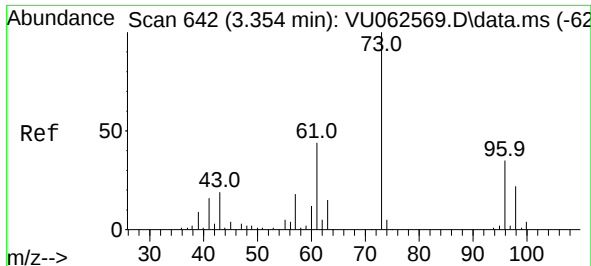
Ion Ratio Lower Upper

84 100

86 66.7 43.5 80.7

49 100.4 81.9 152.1

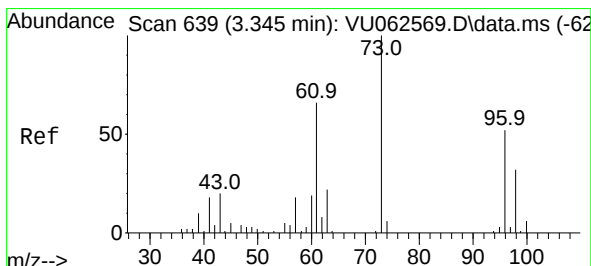
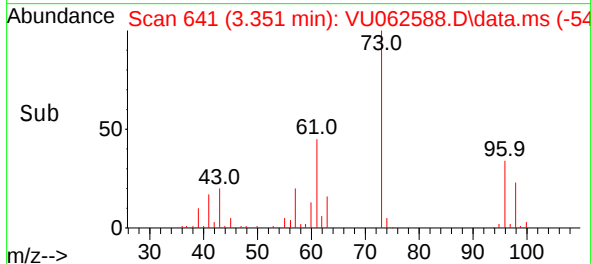
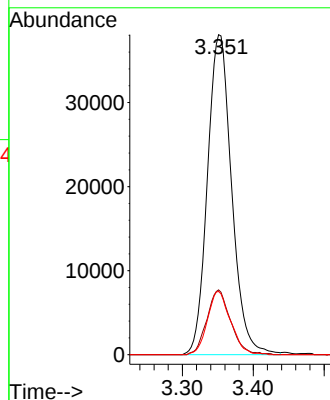
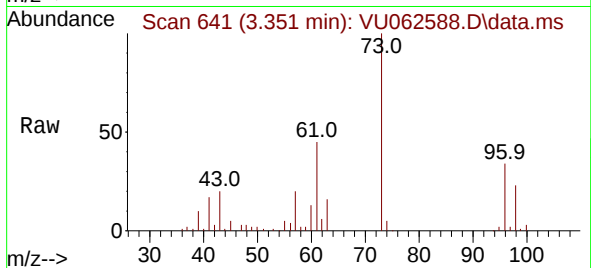




#17
Methyl tert-butyl Ether
Concen: 5.695 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

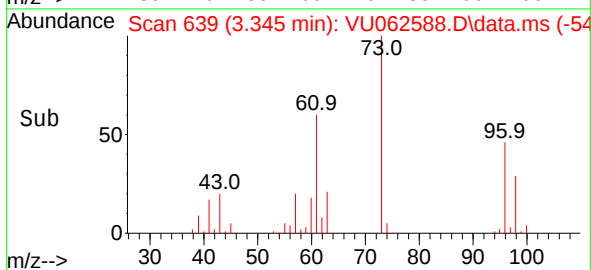
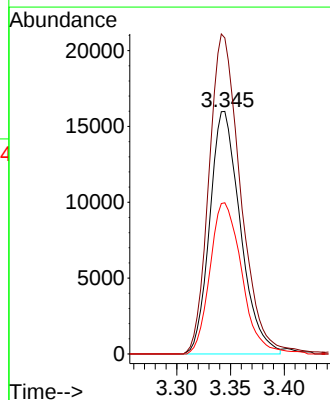
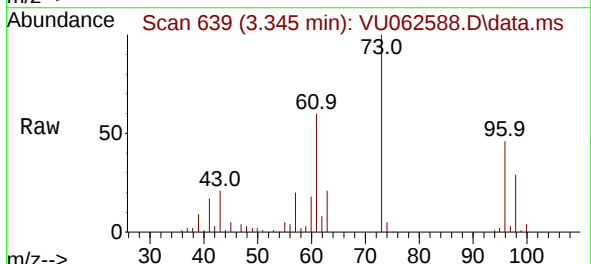
Instrument :
MSVOA_U
ClientSampleId :

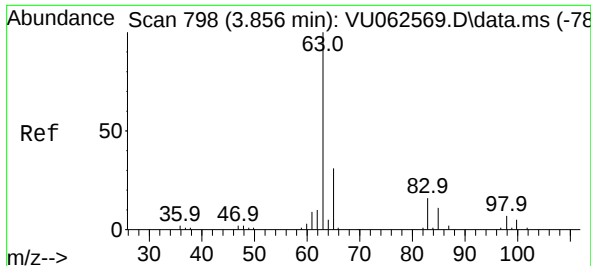
Tgt Ion: 73 Resp: 90562
Ion Ratio Lower Upper
73 100
43 19.7 16.3 24.5
57 18.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.828 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

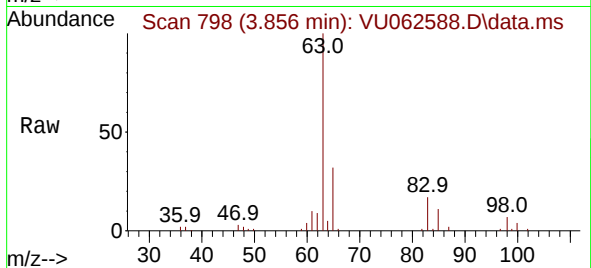
Tgt Ion: 96 Resp: 31670
Ion Ratio Lower Upper
96 100
61 130.3 104.2 193.4
98 62.4 45.7 84.9



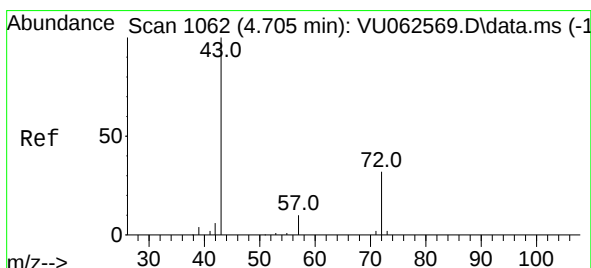
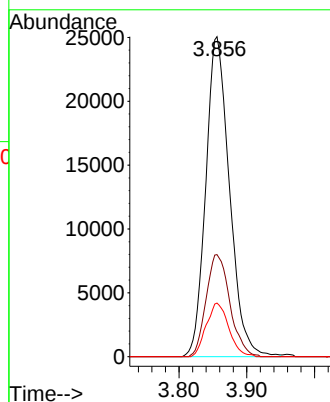
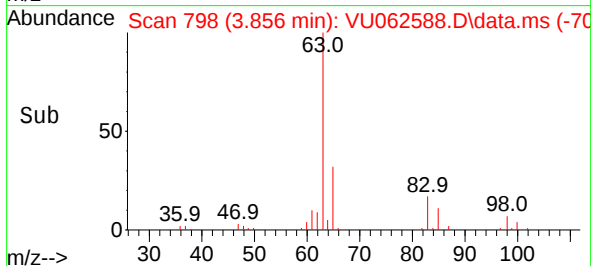


#19
1,1-Dichloroethane
Concen: 5.065 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Instrument :
MSVOA_U
ClientSampleId :

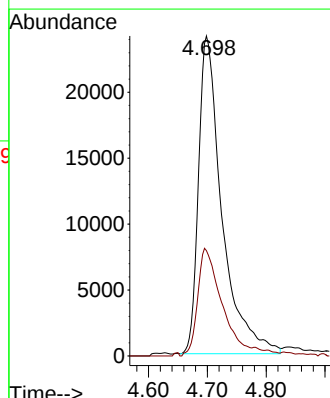
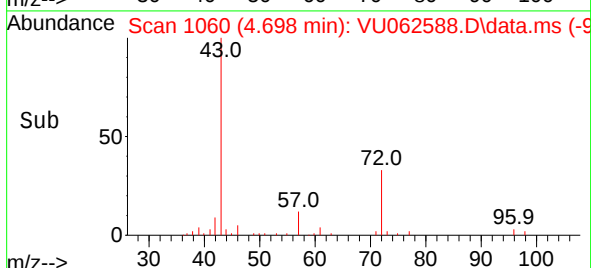
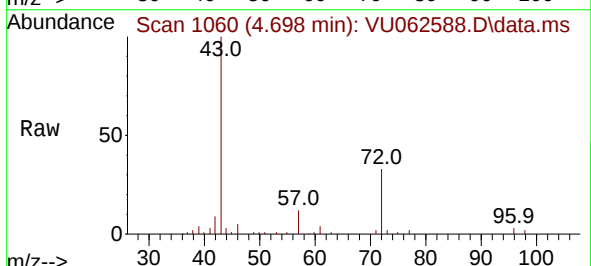


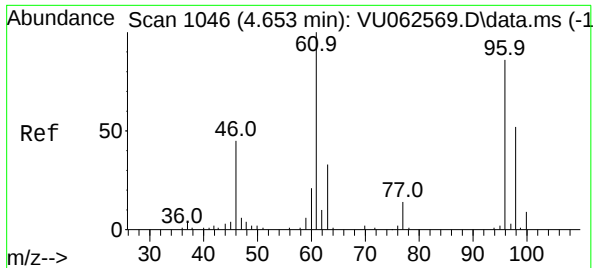
Tgt Ion: 63 Resp: 60896
Ion Ratio Lower Upper
63 100
65 31.9 22.7 42.3
83 16.8 9.9 18.3



#21
2-Butanone
Concen: 55.104 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion: 43 Resp: 66594
Ion Ratio Lower Upper
43 100
72 34.6 14.8 44.4





#22

cis-1,2-Dichloroethene

Concen: 5.285 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

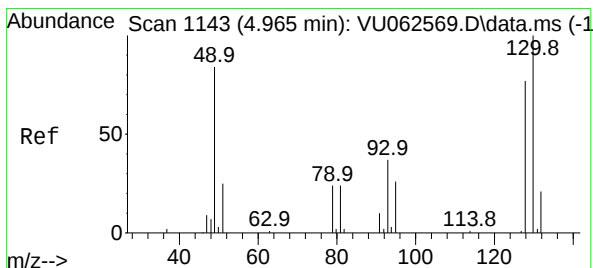
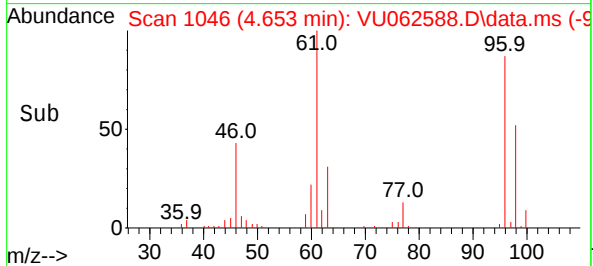
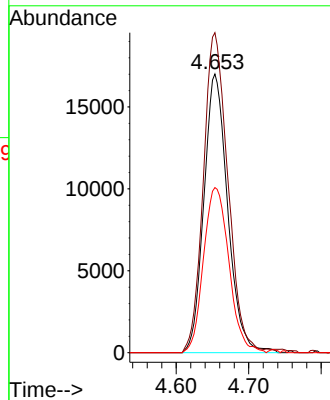
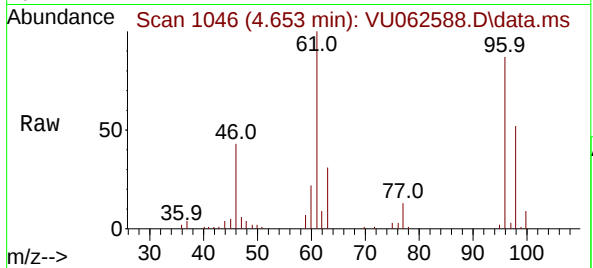
Tgt Ion: 96 Resp: 38856

Ion Ratio Lower Upper

96 100

61 114.8 92.0 170.8

98 59.2 44.5 82.7



#23

Bromochloromethane

Concen: 5.718 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Tgt Ion:128 Resp: 18426

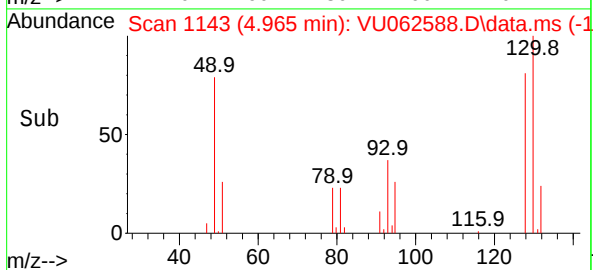
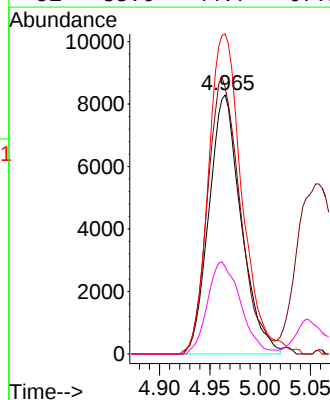
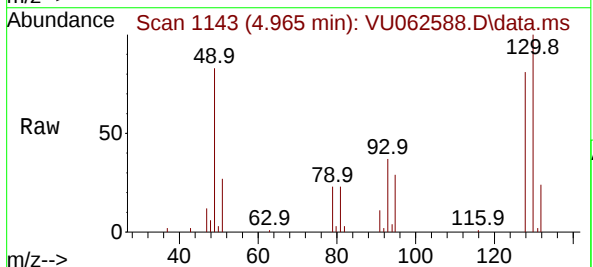
Ion Ratio Lower Upper

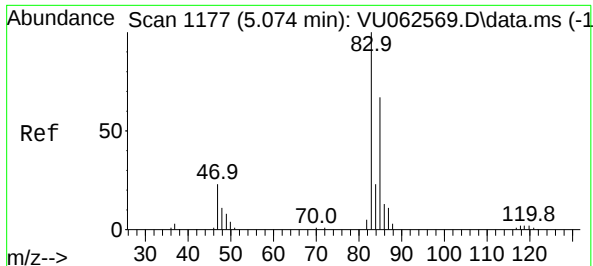
128 100

49 102.9 115.3 214.1#

130 123.6 92.0 170.8

51 33.6 44.7 67.1#





#25

Chloroform

Concen: 5.557 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

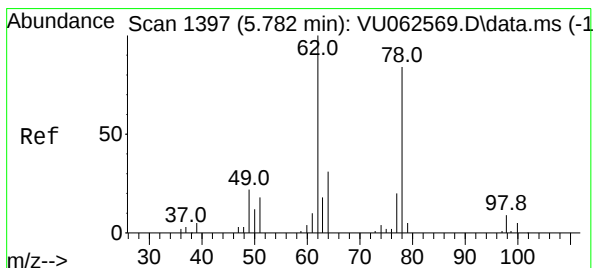
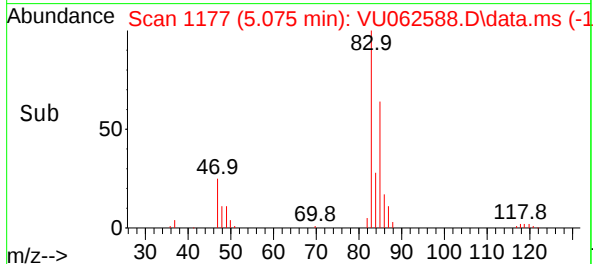
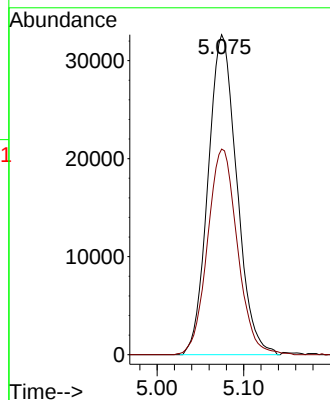
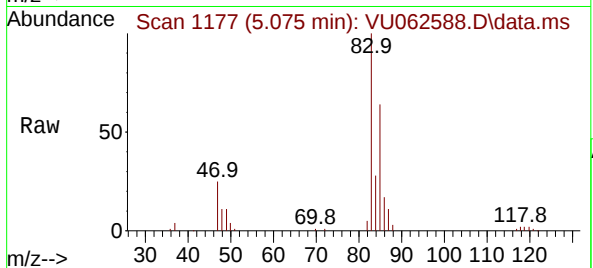
ClientSampleId :

Tgt Ion: 83 Resp: 75254

Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.741 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU062588.D

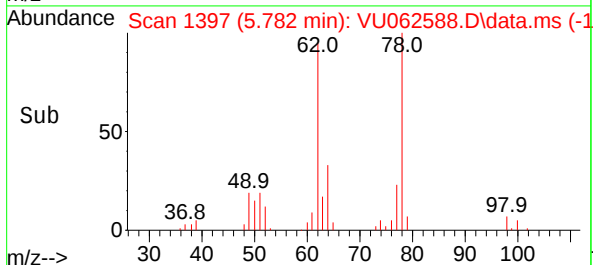
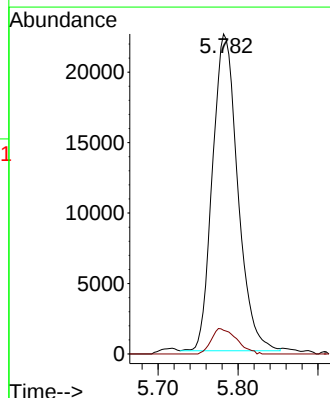
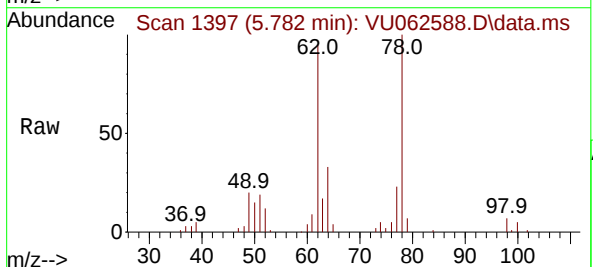
Acq: 26 Dec 2024 21:32

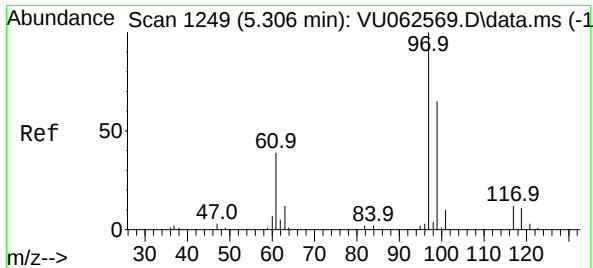
Tgt Ion: 62 Resp: 49405

Ion Ratio Lower Upper

62 100

98 7.4 7.4 11.0

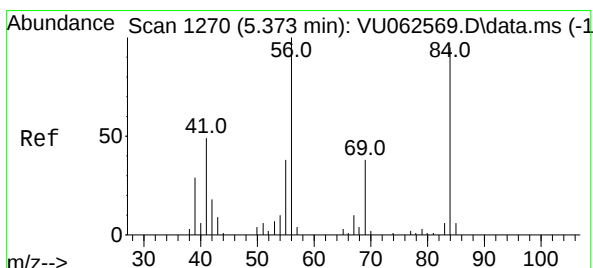
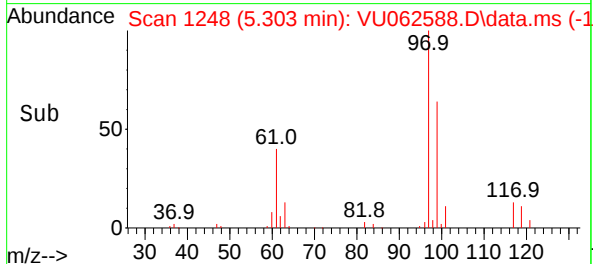
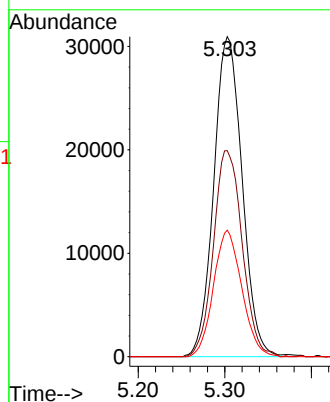
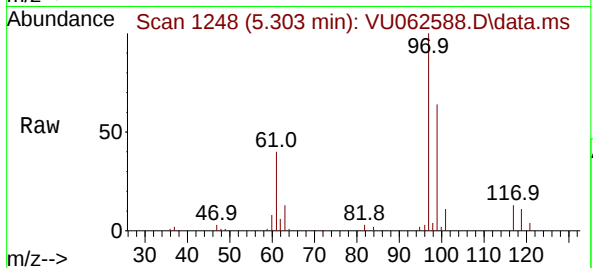




#29
1,1,1-Trichloroethane
Concen: 5.677 ug/L
RT: 5.303 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

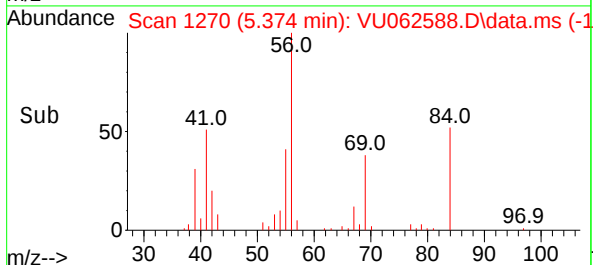
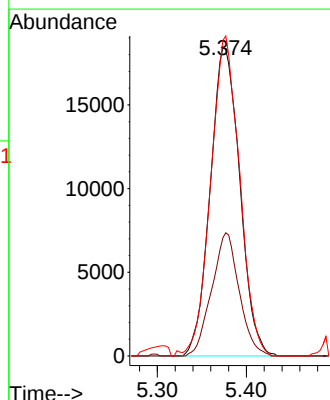
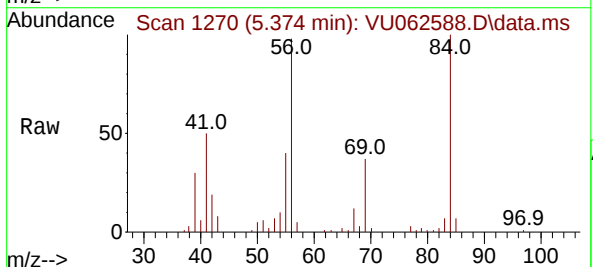
Instrument :
MSVOA_U
ClientSampleId :

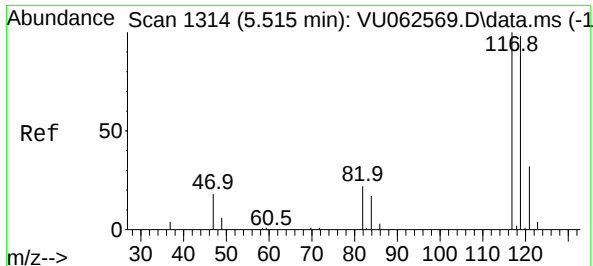
Tgt Ion: 97	Resp: 70408
Ion Ratio	Lower Upper
97	100
99	65.4 51.4 77.2
61	39.4 37.8 56.6



#30
Cyclohexane
Concen: 4.225 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion: 56	Resp: 42484
Ion Ratio	Lower Upper
56	100
69	37.1 25.1 37.7
84	101.3 70.6 105.8

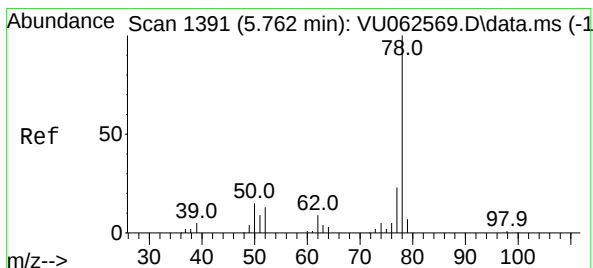
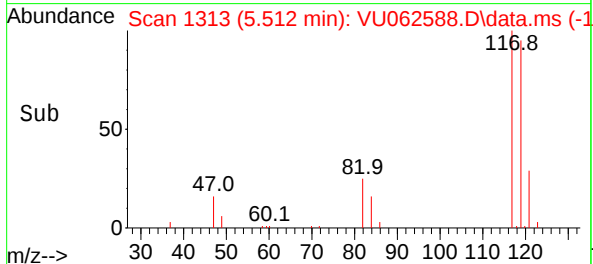
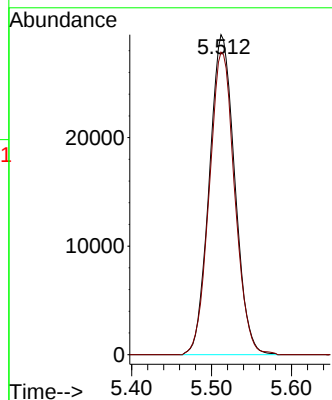
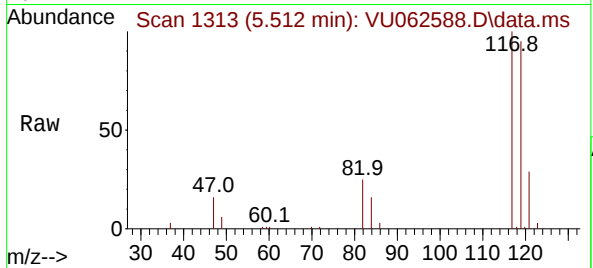




#31
Carbon tetrachloride
Concen: 5.725 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

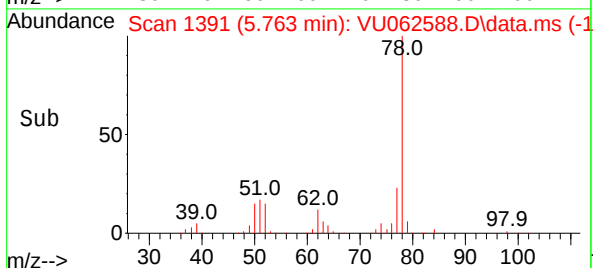
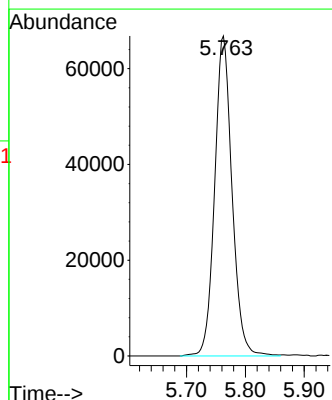
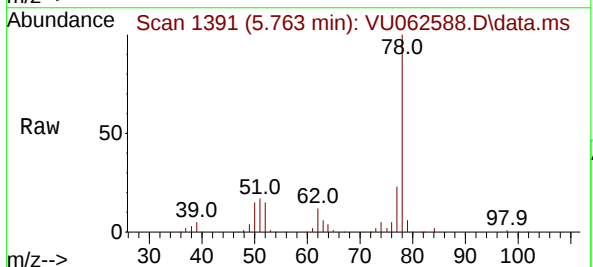
Instrument :
MSVOA_U
ClientSampleId :

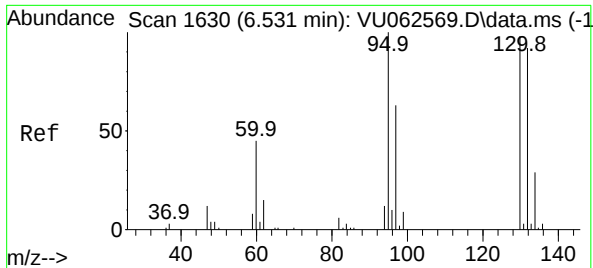
Tgt Ion:117 Resp: 65107
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#33
Benzene
Concen: 5.030 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

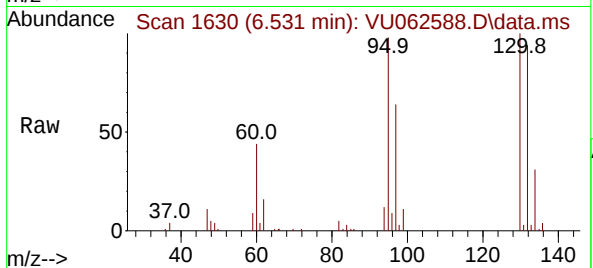
Tgt Ion: 78 Resp: 137408





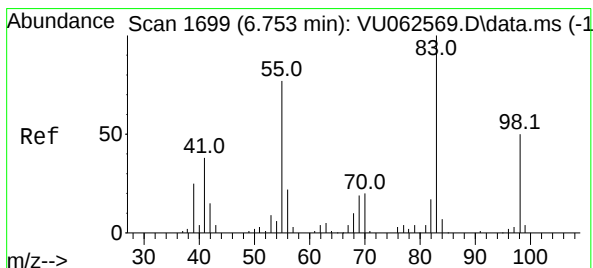
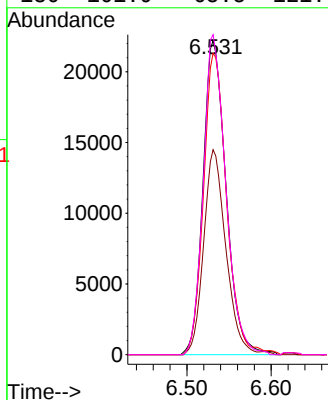
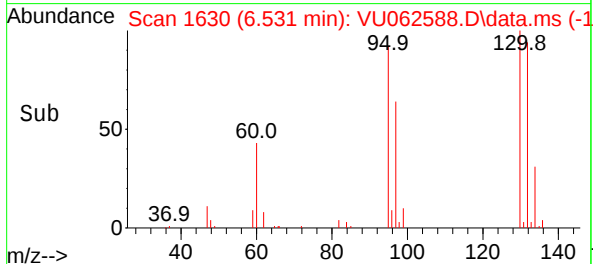
#34
Trichloroethene
Concen: 5.472 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Instrument :
MSVOA_U
ClientSampleId :

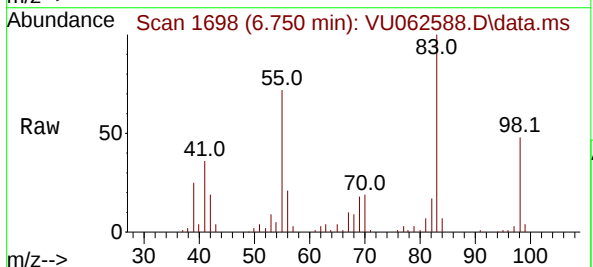


Tgt Ion: 95 Resp: 42345

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.9	85.3
132	96.0	63.8	118.4
130	101.9	65.5	121.7

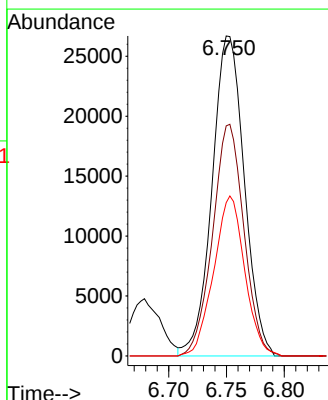
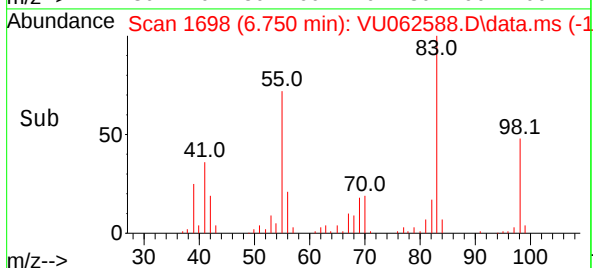


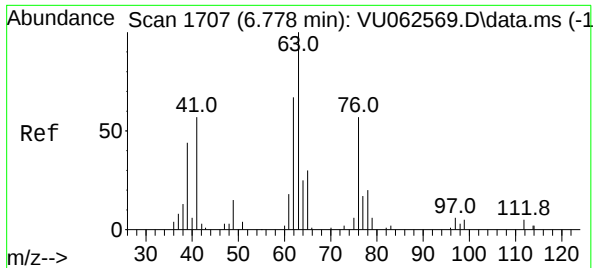
#35
Methylcyclohexane
Concen: 4.514 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32



Tgt Ion: 83 Resp: 51796

Ion	Ratio	Lower	Upper
83	100		
55	70.2	60.7	91.1
98	48.1	34.8	52.2

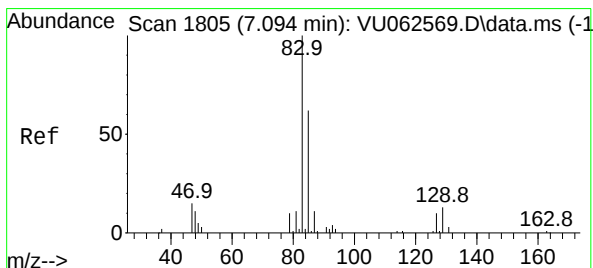
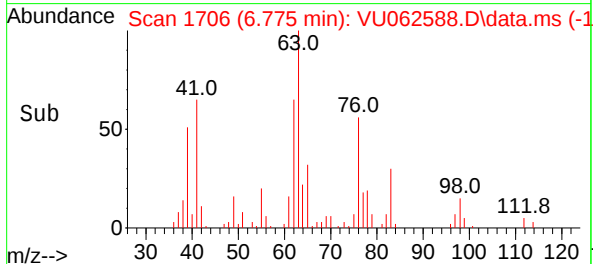
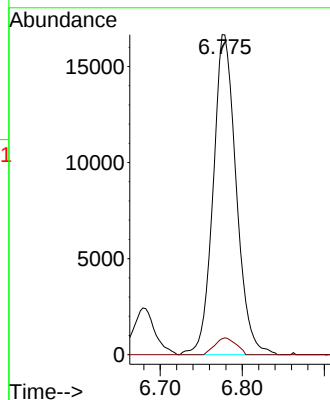
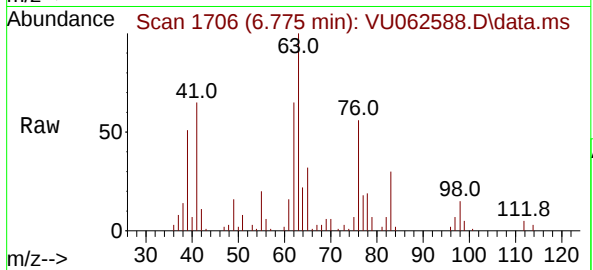




#37
1,2-Dichloropropane
Concen: 4.914 ug/L
RT: 6.775 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

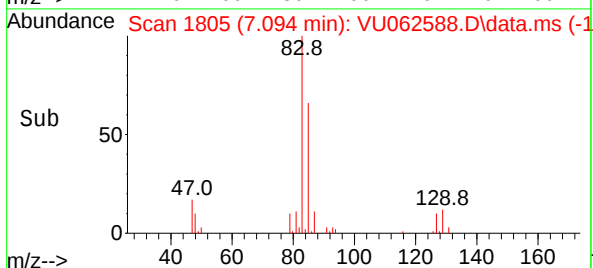
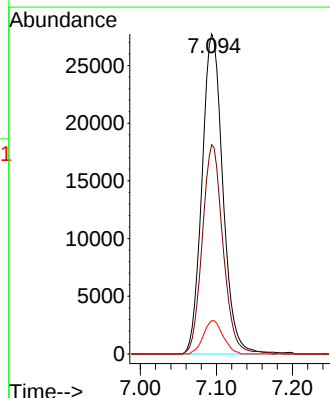
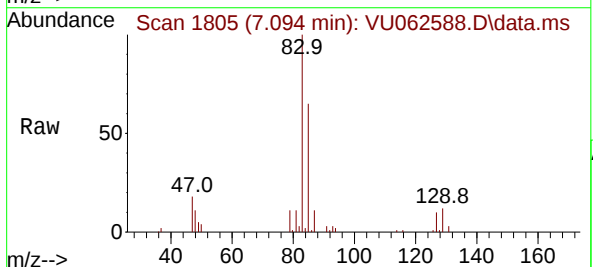
Instrument :
MSVOA_U
ClientSampleId :

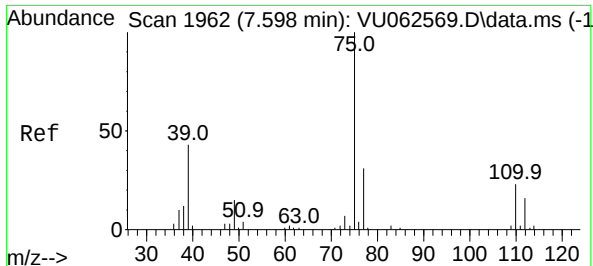
Tgt Ion: 63 Resp: 32692
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.630 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion: 83 Resp: 52843
Ion Ratio Lower Upper
83 100
85 65.4 44.1 81.9
127 10.4 6.9 10.3#

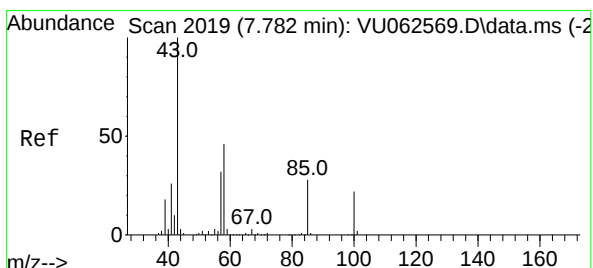
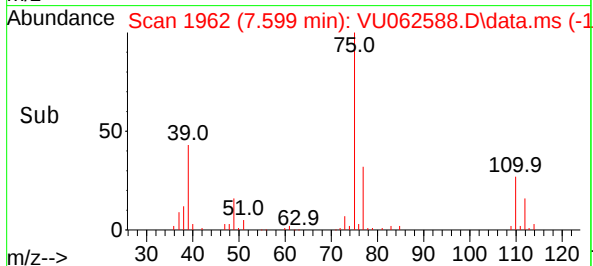
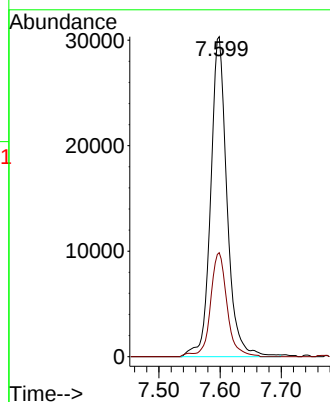
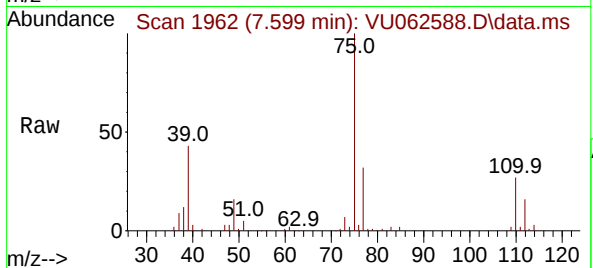




#39
 cis-1,3-Dichloropropene
 Concen: 5.283 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062588.D
 Acq: 26 Dec 2024 21:32

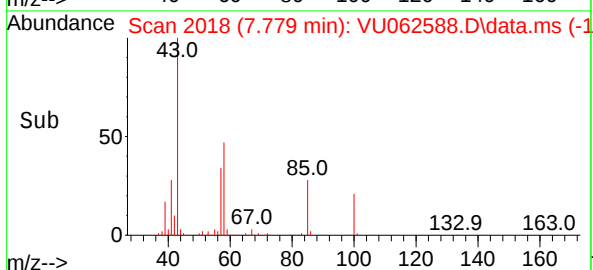
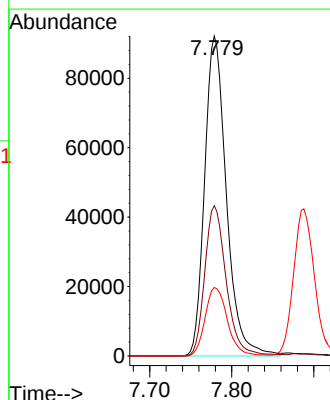
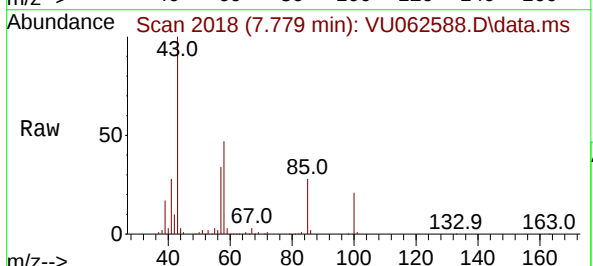
Instrument :
 MSVOA_U
 ClientSampleId :

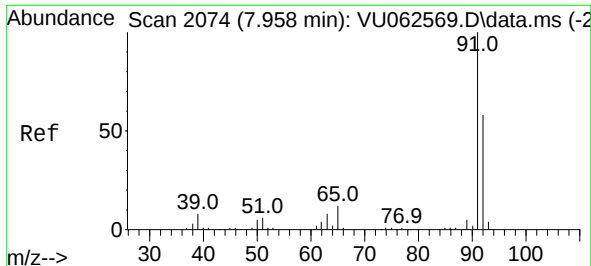
Tgt Ion: 75 Resp: 56337
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 54.418 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU062588.D
 Acq: 26 Dec 2024 21:32

Tgt Ion: 43 Resp: 169680
 Ion Ratio Lower Upper
 43 100
 58 46.4 33.3 49.9
 100 21.9 12.4 18.6#





#42

Toluene

Concen: 5.220 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

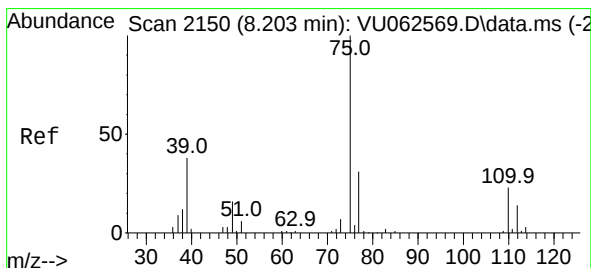
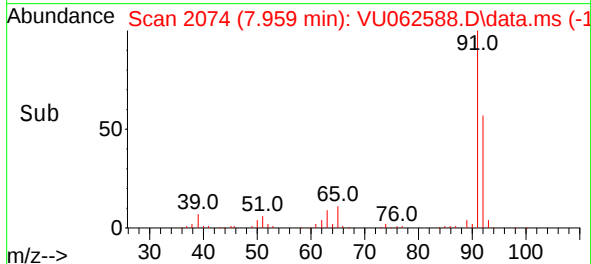
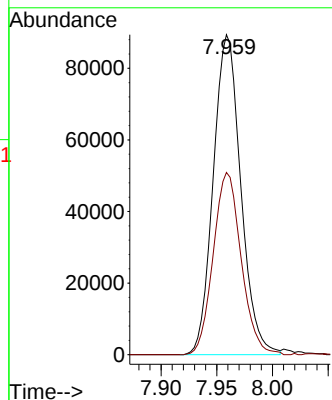
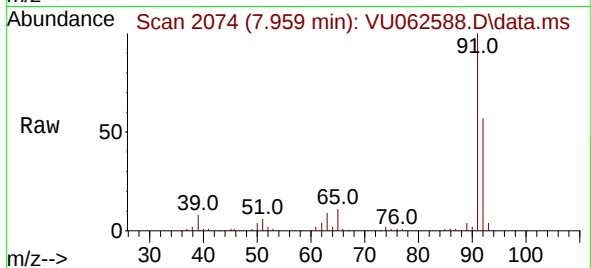
ClientSampleId :

Tgt Ion: 91 Resp: 153779

Ion Ratio Lower Upper

91 100

92 57.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.690 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062588.D

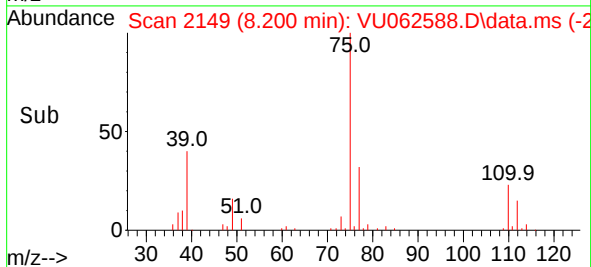
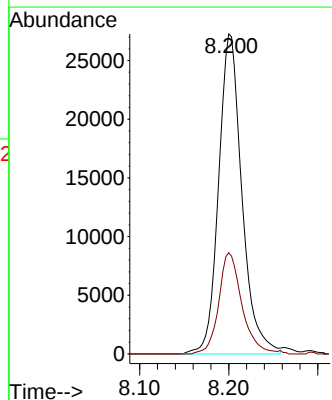
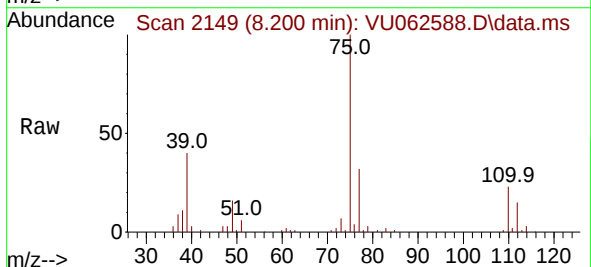
Acq: 26 Dec 2024 21:32

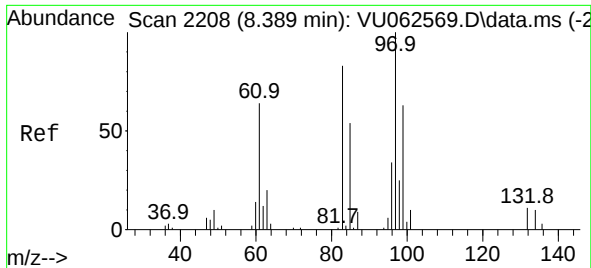
Tgt Ion: 75 Resp: 49546

Ion Ratio Lower Upper

75 100

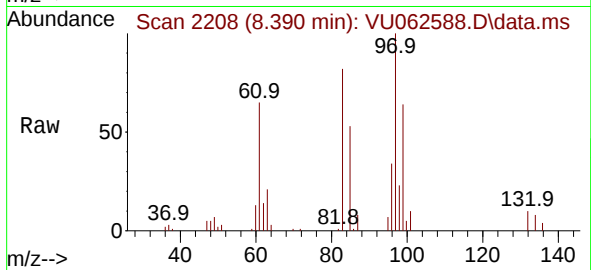
77 31.7 21.8 40.4





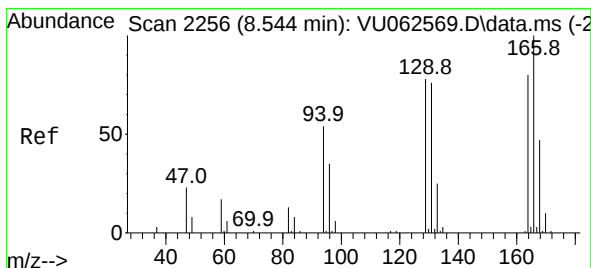
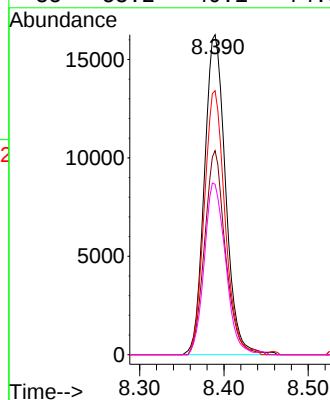
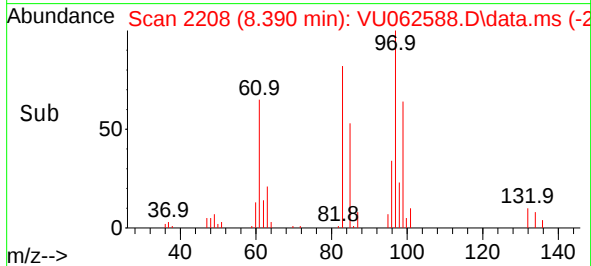
#45
1,1,2-Trichloroethane
Concen: 5.667 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Instrument :
MSVOA_U
ClientSampleId :

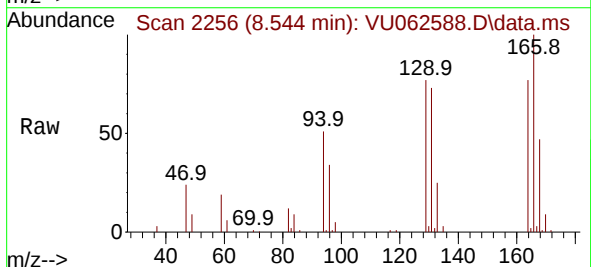


Tgt Ion: 97 Resp: 28465

Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.0	79.8
83	82.5	61.7	114.5
85	53.2	40.1	74.5

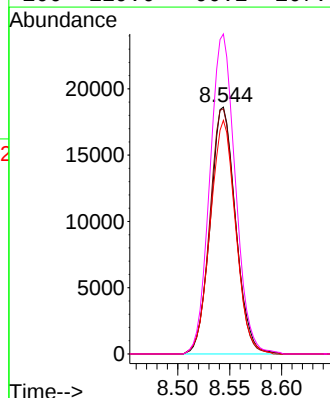
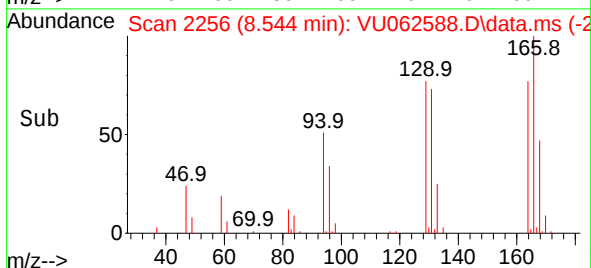


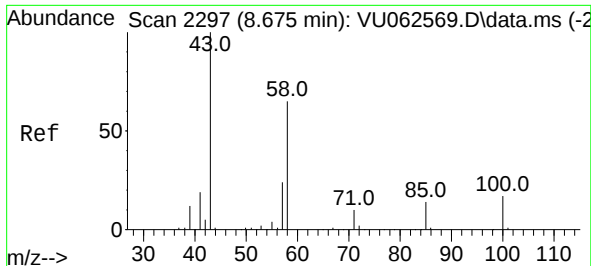
#47
Tetrachloroethene
Concen: 5.273 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32



Tgt Ion: 164 Resp: 31505

Ion	Ratio	Lower	Upper
164	100		
129	99.3	73.2	136.0
131	94.6	72.3	134.3
166	129.6	90.2	167.4





#48

2-Hexanone

Concen: 54.598 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 125814

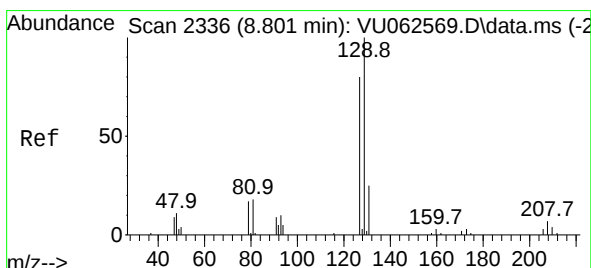
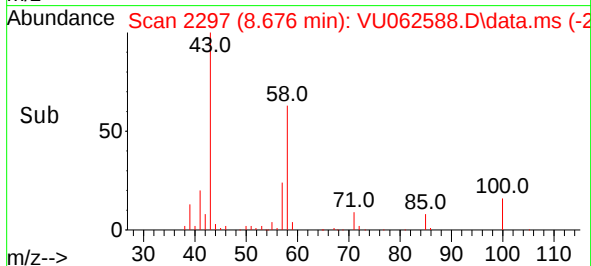
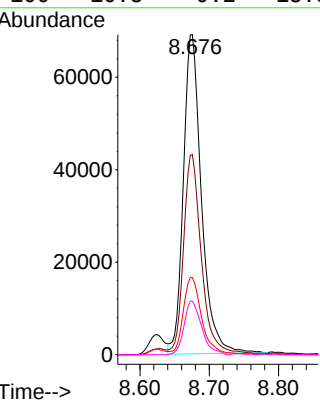
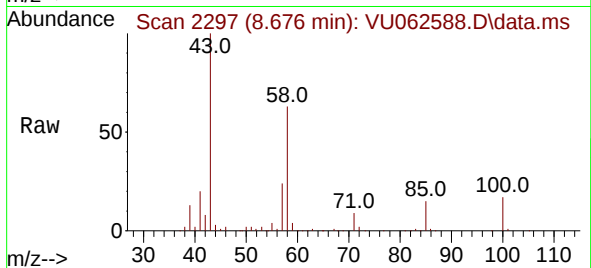
Ion Ratio Lower Upper

43 100

58 60.9 47.5 71.3

57 24.1 15.6 23.4#

100 16.3 9.2 13.8#



#49

Dibromochloromethane

Concen: 6.160 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. -0.003 min

Lab File: VU062588.D

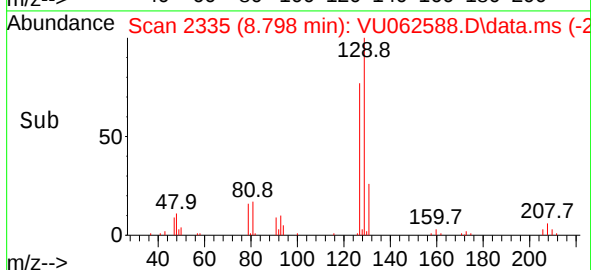
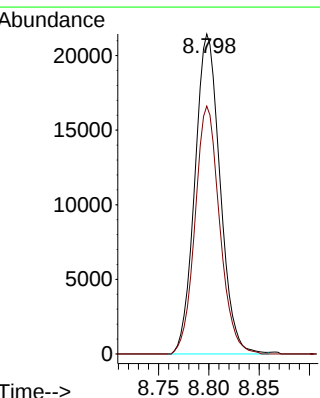
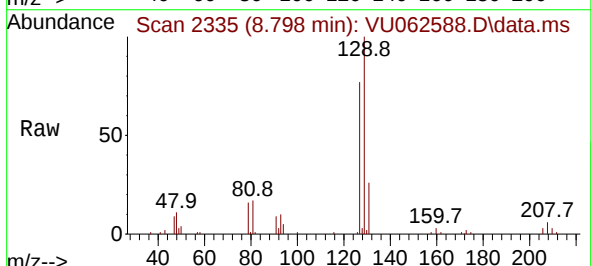
Acq: 26 Dec 2024 21:32

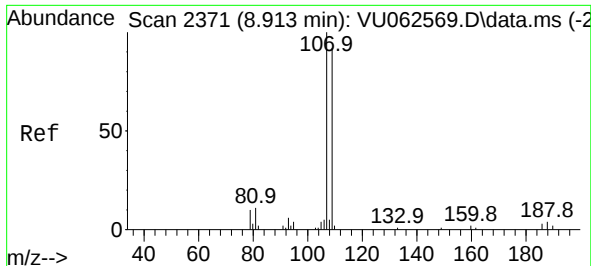
Tgt Ion:129 Resp: 37382

Ion Ratio Lower Upper

129 100

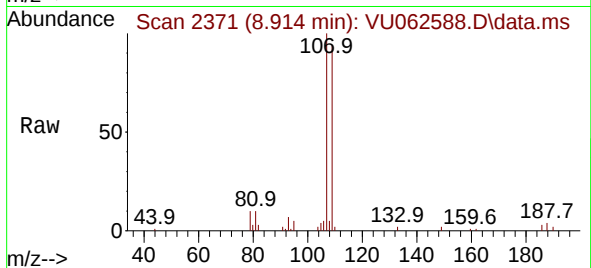
127 77.4 51.1 94.9



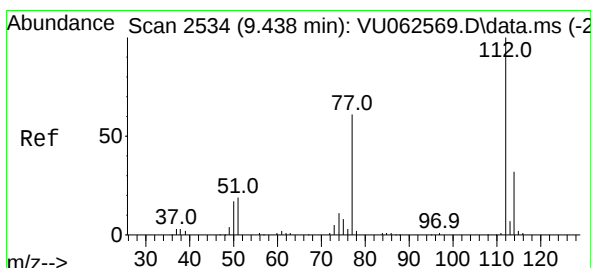
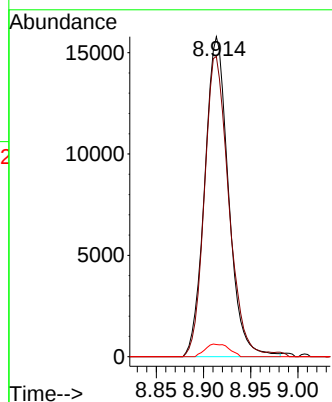
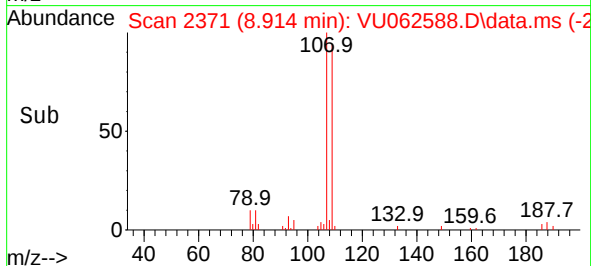


#50
1,2-Dibromoethane
Concen: 5.723 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Instrument :
MSVOA_U
ClientSampleId :

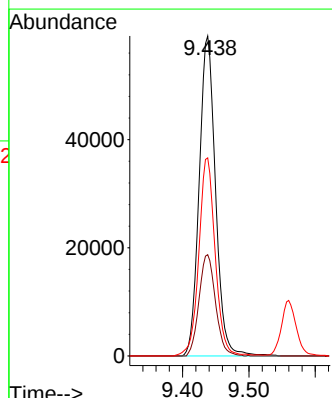
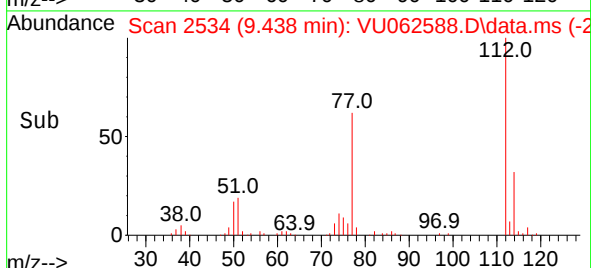
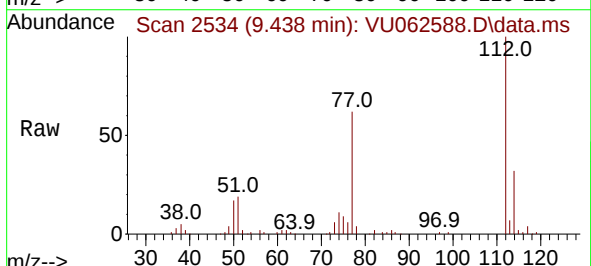


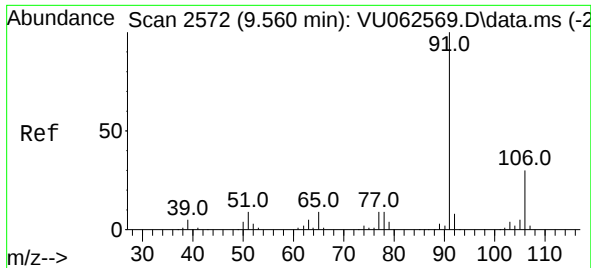
Tgt Ion:107 Resp: 27621
Ion Ratio Lower Upper
107 100
109 93.8 66.8 124.2
188 3.8 2.3 3.5#



#51
Chlorobenzene
Concen: 5.363 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion:112 Resp: 101233
Ion Ratio Lower Upper
112 100
114 31.7 23.0 42.6
77 61.9 50.5 75.7

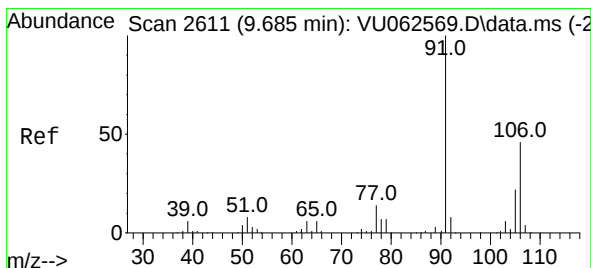
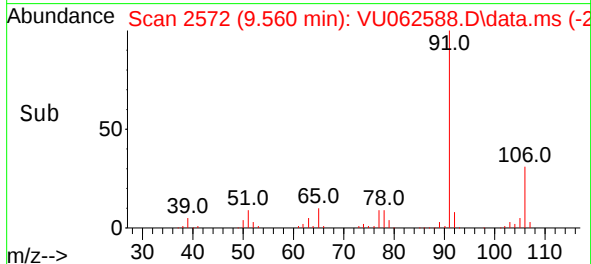
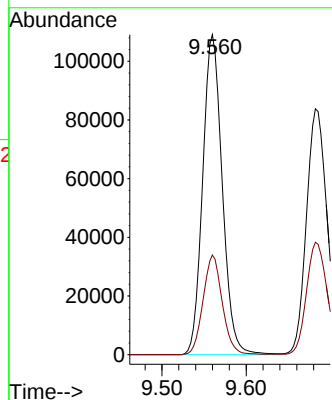
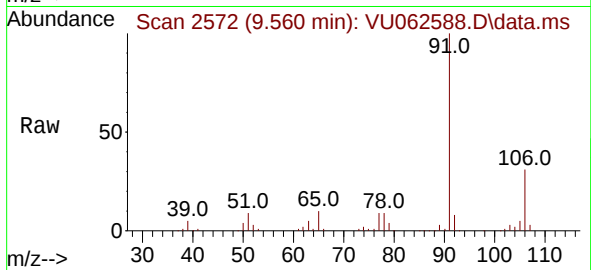




#52
Ethylbenzene
Concen: 5.347 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

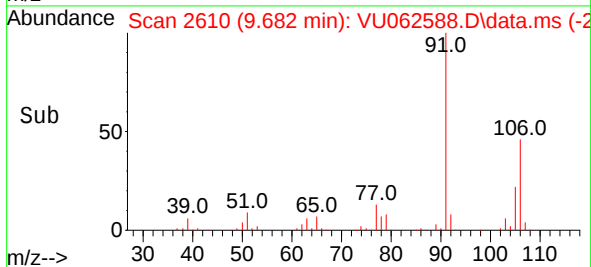
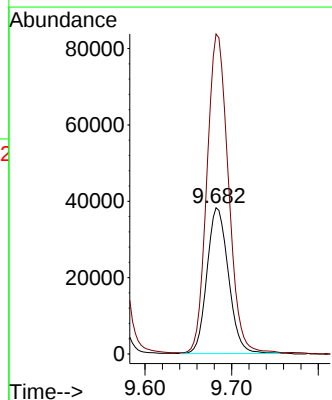
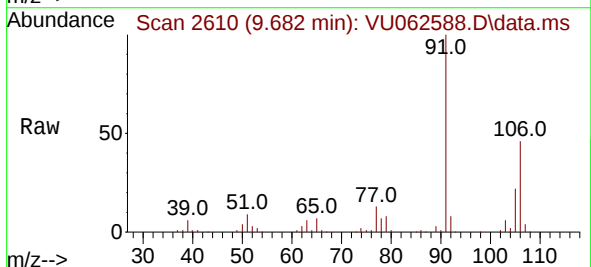
Instrument :
MSVOA_U
ClientSampleId :

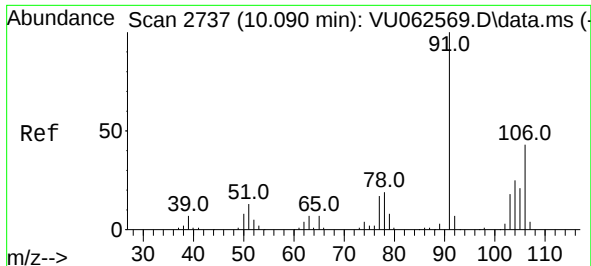
Tgt Ion: 91 Resp: 176592
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.383 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion:106 Resp: 65643
Ion Ratio Lower Upper
106 100
91 218.7 147.6 274.0

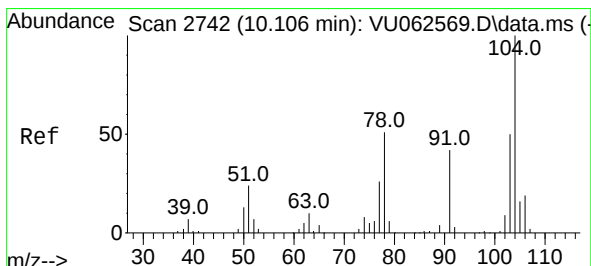
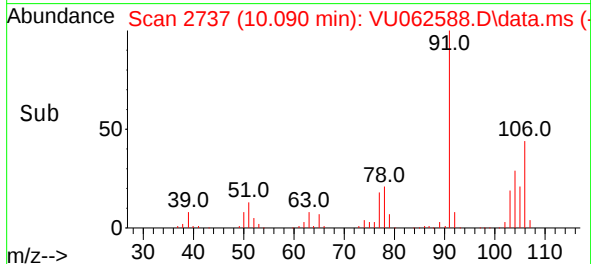
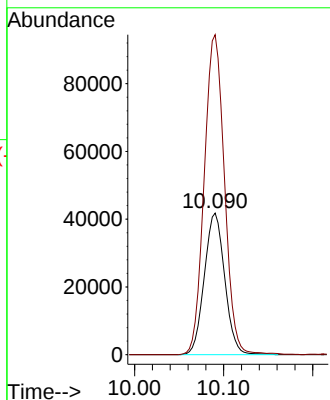
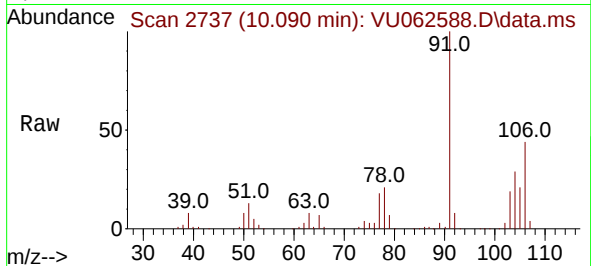




#54
o-Xylene
Concen: 5.608 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

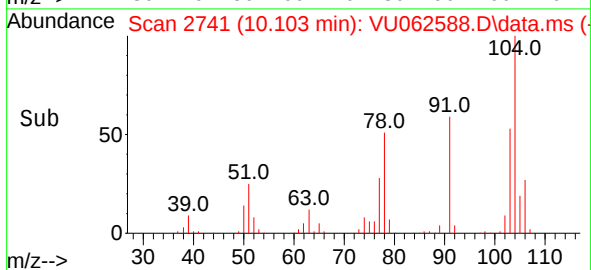
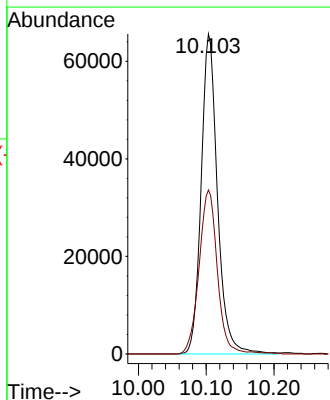
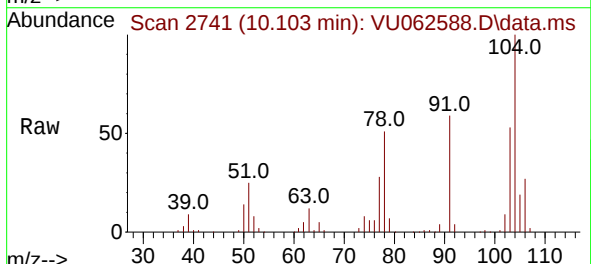
Instrument :
MSVOA_U
ClientSampleId :

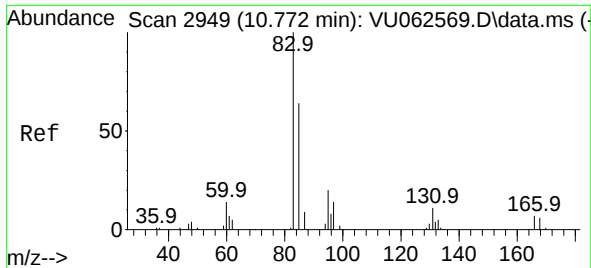
Tgt Ion:106 Resp: 66506
Ion Ratio Lower Upper
106 100
91 226.0 159.8 296.8



#55
Styrene
Concen: 5.622 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion:104 Resp: 109907
Ion Ratio Lower Upper
104 100
78 51.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.723 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

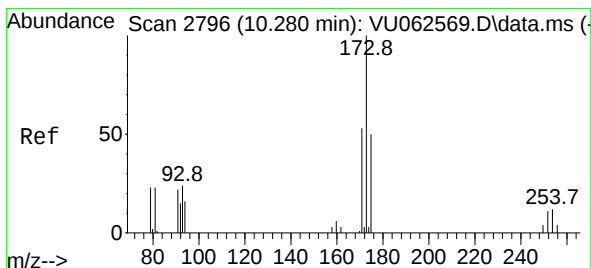
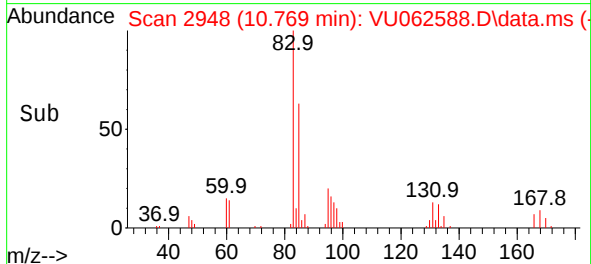
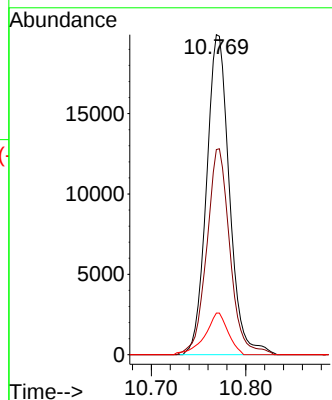
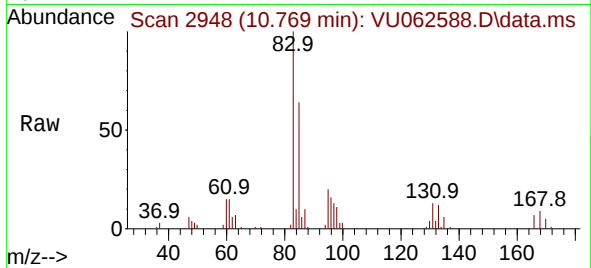
Tgt Ion: 83 Resp: 33450

Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4

131 13.0 7.3 10.9#



#59

Bromoform

Concen: 5.923 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

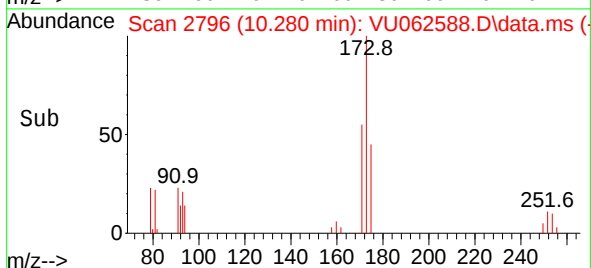
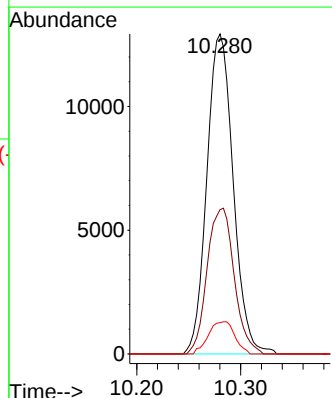
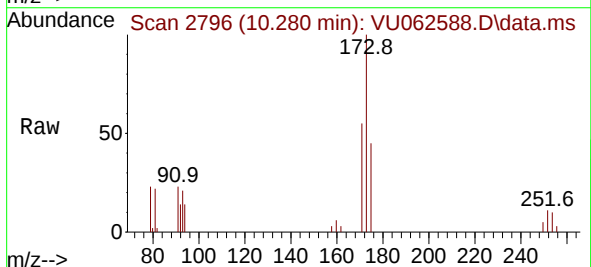
Tgt Ion:173 Resp: 22729

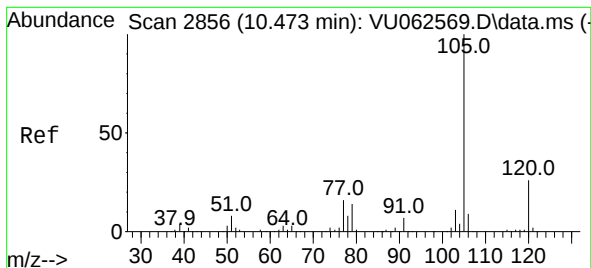
Ion Ratio Lower Upper

173 100

175 46.8 39.0 58.4

254 10.1 7.4 11.0





#60

Isopropylbenzene

Concen: 5.189 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

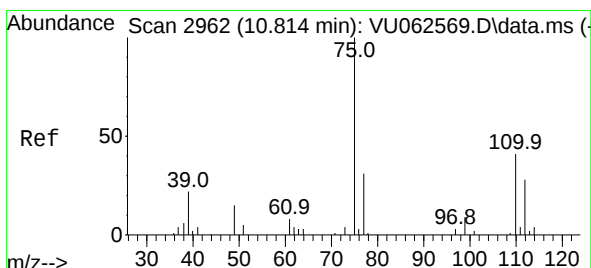
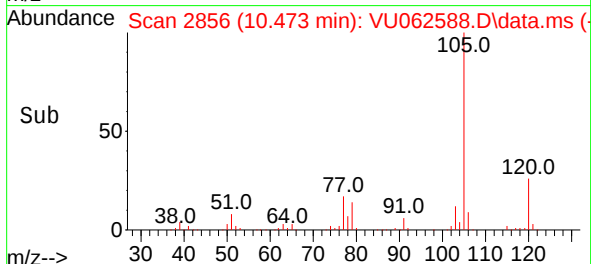
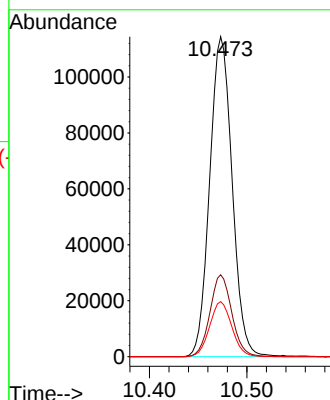
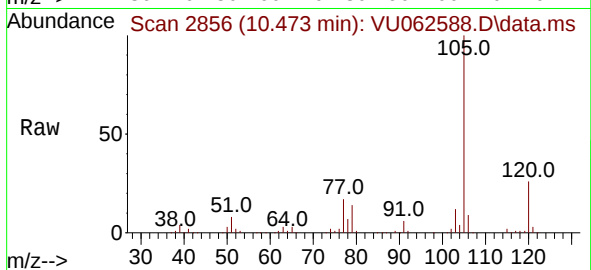
Tgt Ion:105 Resp: 183039

Ion Ratio Lower Upper

105 100

120 24.9 20.6 31.0

77 17.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.420 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

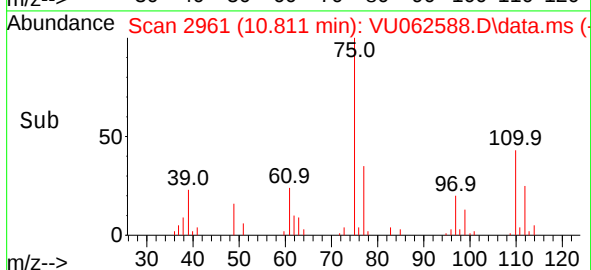
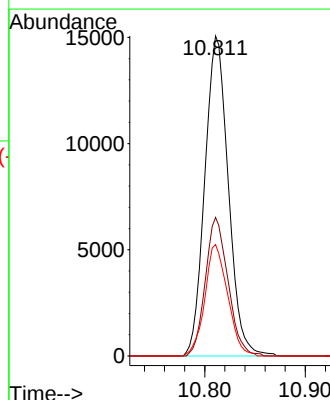
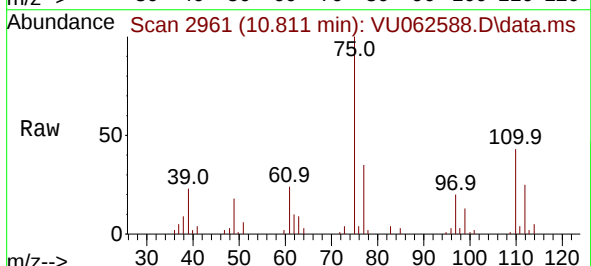
Tgt Ion: 75 Resp: 24473

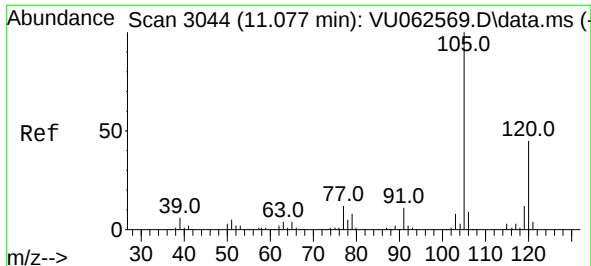
Ion Ratio Lower Upper

75 100

110 41.8 28.9 43.3

77 33.8 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.252 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

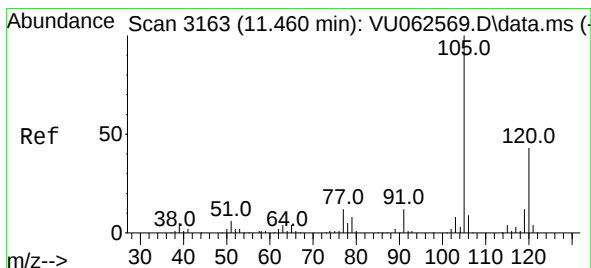
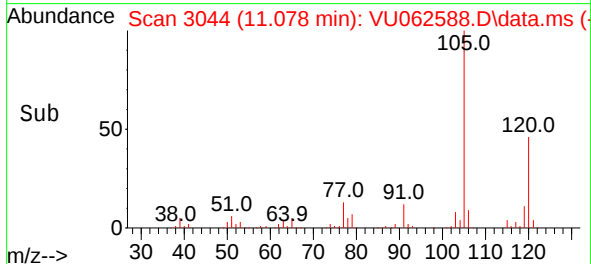
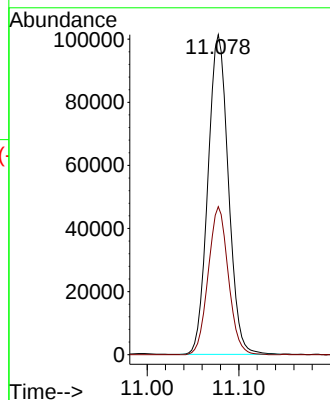
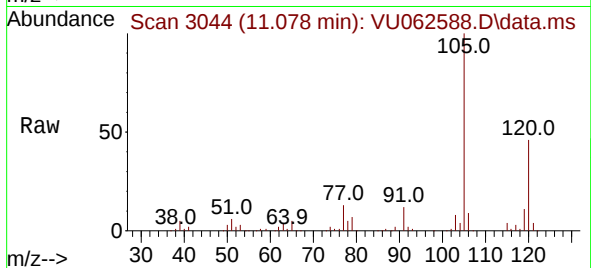
ClientSampleId :

Tgt Ion:105 Resp: 156786

Ion Ratio Lower Upper

105 100

120 45.5 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.350 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062588.D

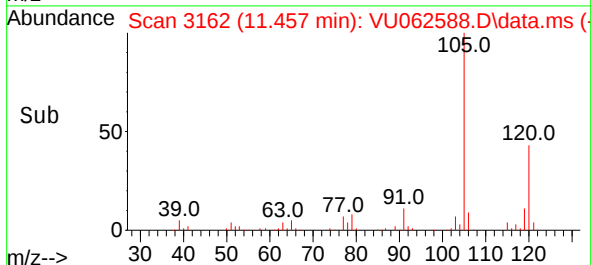
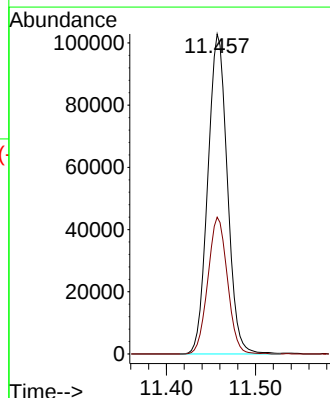
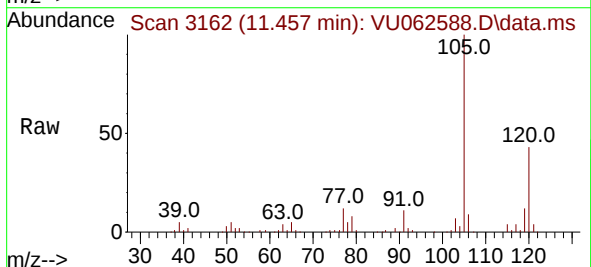
Acq: 26 Dec 2024 21:32

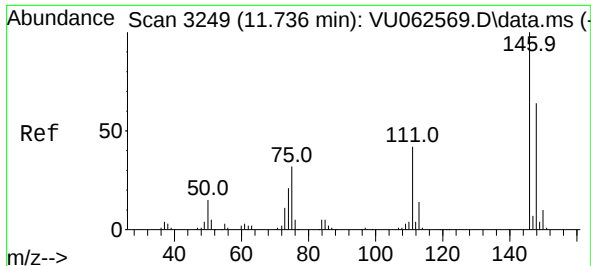
Tgt Ion:105 Resp: 156455

Ion Ratio Lower Upper

105 100

120 42.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.305 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

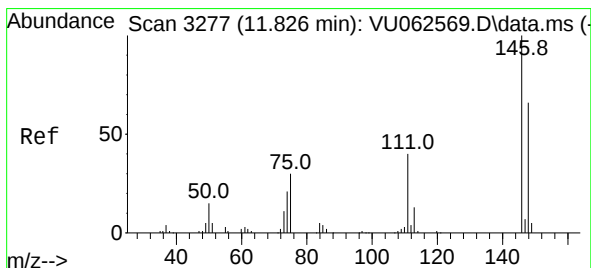
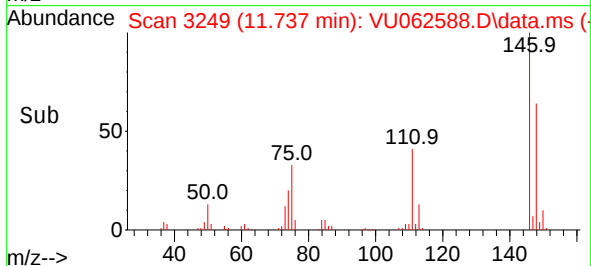
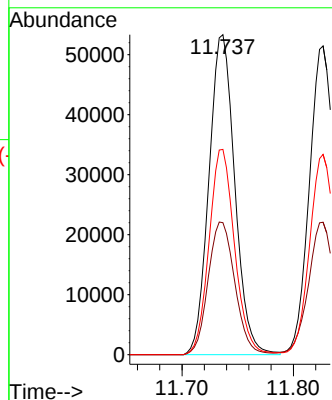
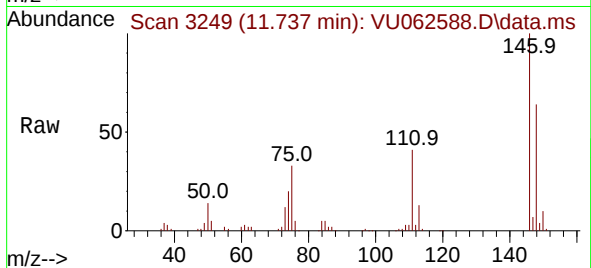
Tgt Ion:146 Resp: 85962

Ion Ratio Lower Upper

146 100

111 41.2 30.7 57.1

148 64.2 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.172 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

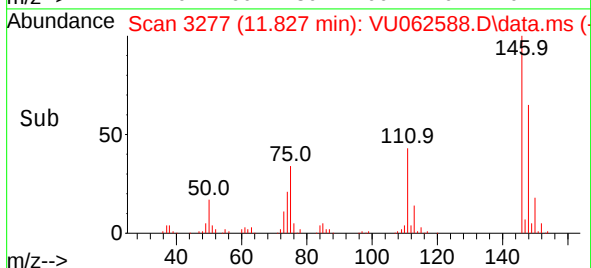
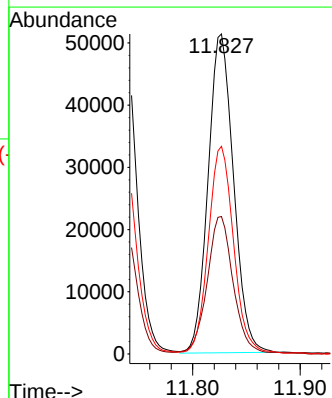
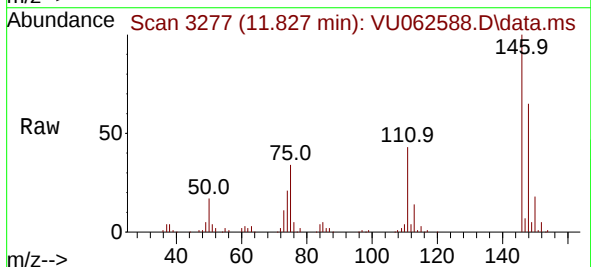
Tgt Ion:146 Resp: 84392

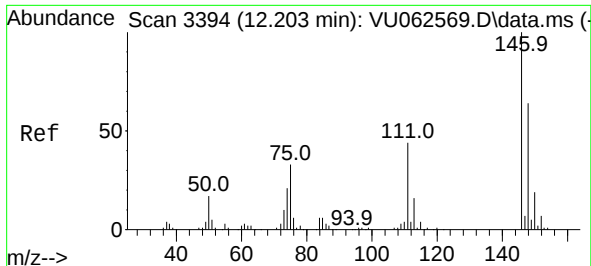
Ion Ratio Lower Upper

146 100

111 42.9 29.3 54.3

148 64.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.415 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

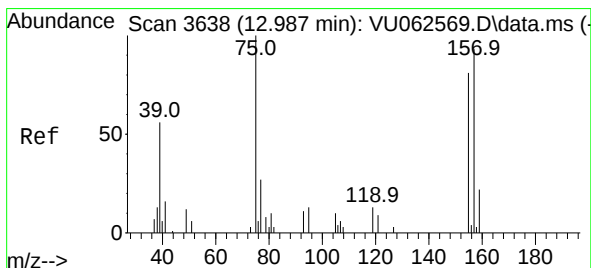
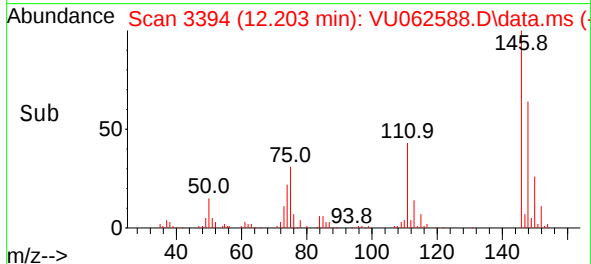
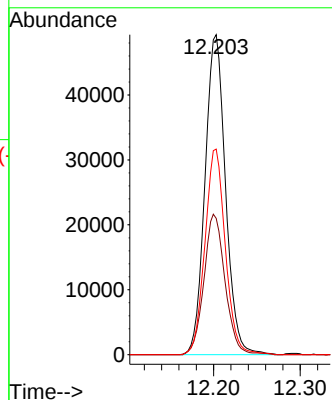
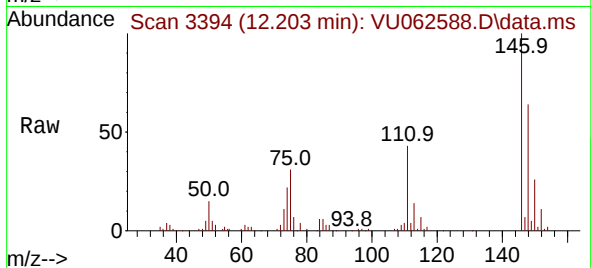
Tgt Ion:146 Resp: 81087

Ion Ratio Lower Upper

146 100

111 42.6 36.0 54.0

148 64.3 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.371 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

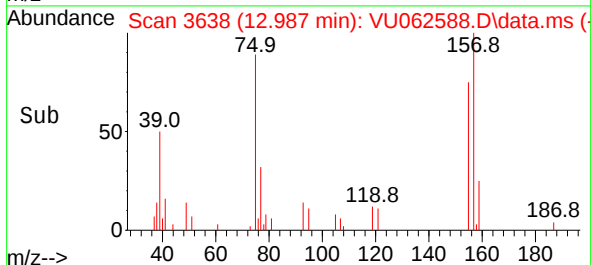
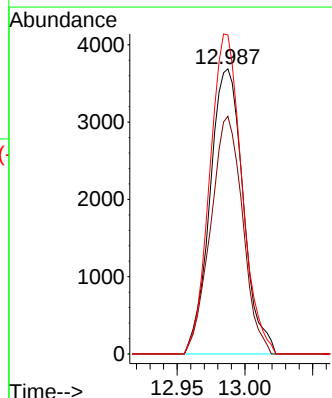
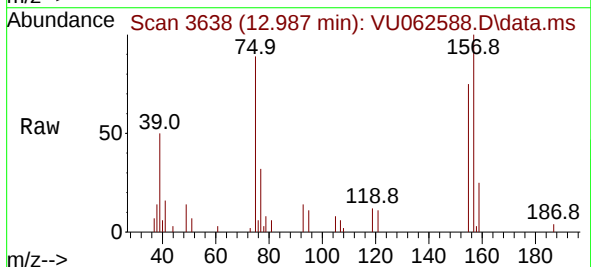
Tgt Ion: 75 Resp: 6275

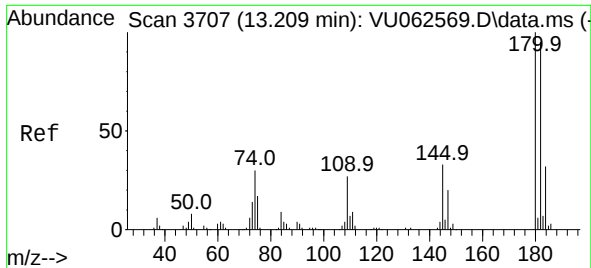
Ion Ratio Lower Upper

75 100

155 83.4 55.2 82.8#

157 111.9 73.5 110.3#





#69

1,3,5-Trichlorobenzene

Concen: 5.386 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 64874

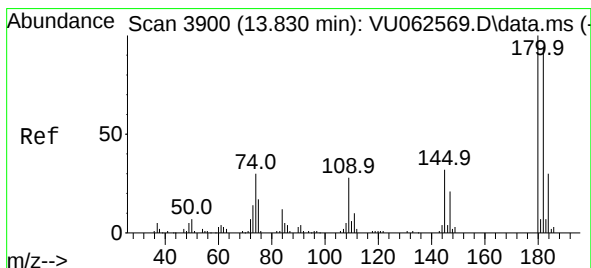
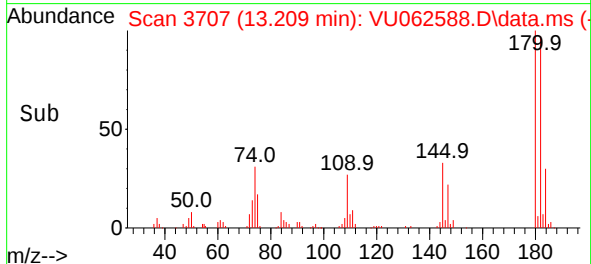
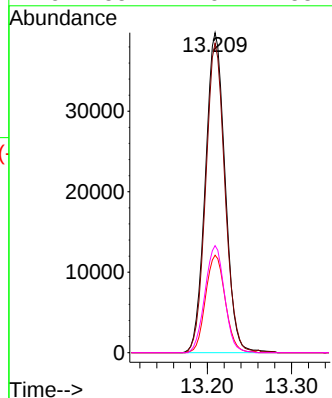
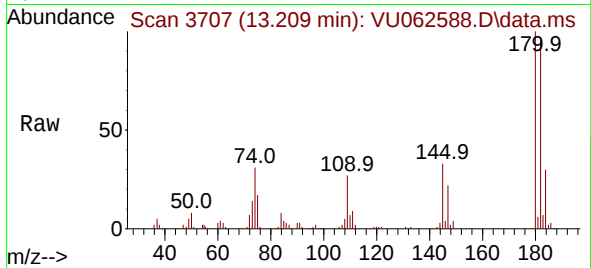
Ion Ratio Lower Upper

180 100

182 94.5 76.7 115.1

184 30.4 24.8 37.2

145 33.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.556 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU062588.D

Acq: 26 Dec 2024 21:32

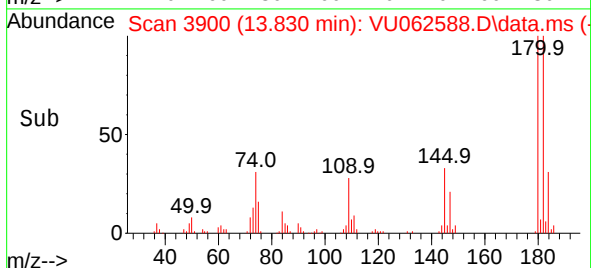
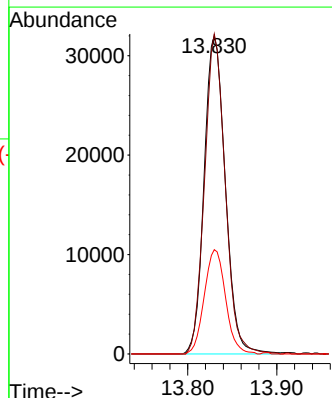
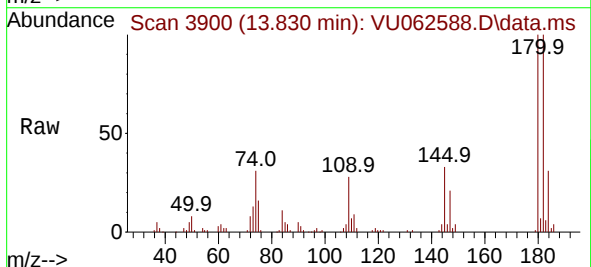
Tgt Ion:180 Resp: 52838

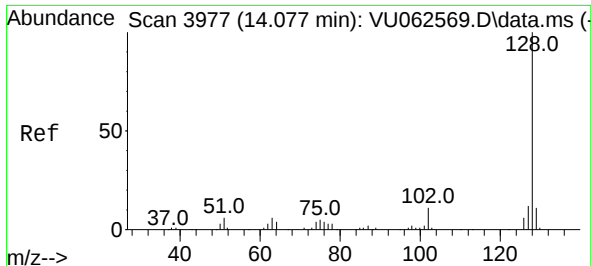
Ion Ratio Lower Upper

180 100

182 97.9 74.5 111.7

145 32.9 25.6 38.4

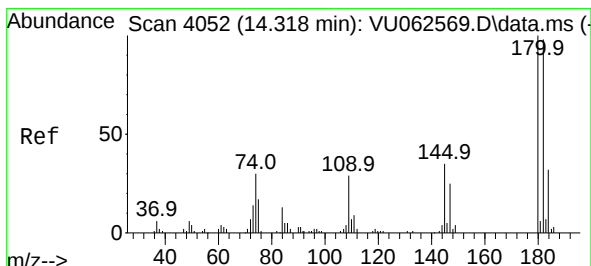
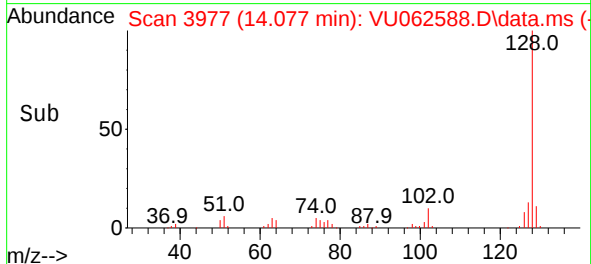
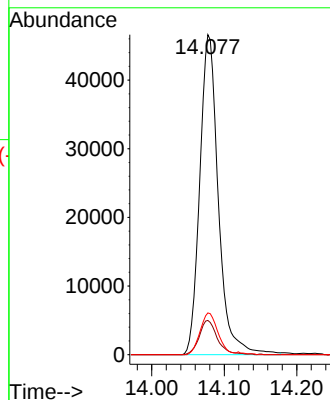
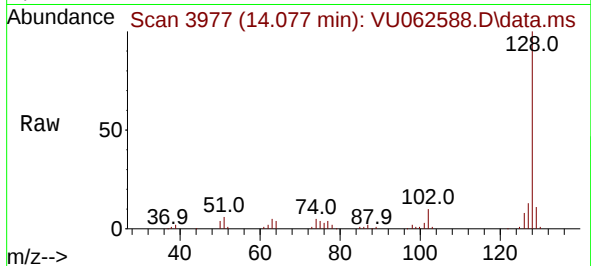




#71
Naphthalene
Concen: 5.812 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 82987
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.690 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU062588.D
Acq: 26 Dec 2024 21:32

Tgt Ion:180 Resp: 47718
Ion Ratio Lower Upper
180 100
182 94.2 76.1 114.1
145 34.3 27.4 41.0

