

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062983.D
 Acq On : 24 Jan 2025 09:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 18:58:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 00:43:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	100755	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	52112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22022	3.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	17939	3.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.557	65	13098	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.615	46	54866	48.107	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.220%
24) Chloroform-d	5.049	84	69161	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.689	65	37448	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.714	84	112162	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.679	67	31788	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.888	98	117134	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.171	79	17108	4.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.624	63	46573	43.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	30532	5.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	44707	5.157	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	39225	4.087	ug/L	99
3) Chloromethane	1.515	50	22647	3.516	ug/L	98
5) Vinyl chloride	1.599	62	27114	3.738	ug/L	100
6) Bromomethane	1.849	94	17957	3.403	ug/L	99
8) Chloroethane	1.927	64	15591	3.578	ug/L	99
9) Trichlorofluoromethane	2.132	101	57792	3.950	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29488	4.171	ug/L	98
12) 1,1-Dichloroethene	2.570	96	25520	4.080	ug/L	90
13) Acetone	2.624	43	35997	39.843	ug/L	96
14) Carbon disulfide	2.785	76	70426	3.525	ug/L	98
15) Methyl Acetate	2.946	43	8161	4.172	ug/L	99
16) Methylene chloride	3.033	84	27605	4.029	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	73007	4.247	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	26750	3.992	ug/L	97
19) 1,1-Dichloroethane	3.853	63	49516	4.133	ug/L	97
21) 2-Butanone	4.695	43	52525	43.653	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	31434	4.308	ug/L	99
23) Bromochloromethane	4.962	128	14657	4.255	ug/L	93
25) Chloroform	5.074	83	63813	4.328	ug/L	100

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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 18:58:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 00:43:08 2025
 Response via : Initial Calibration

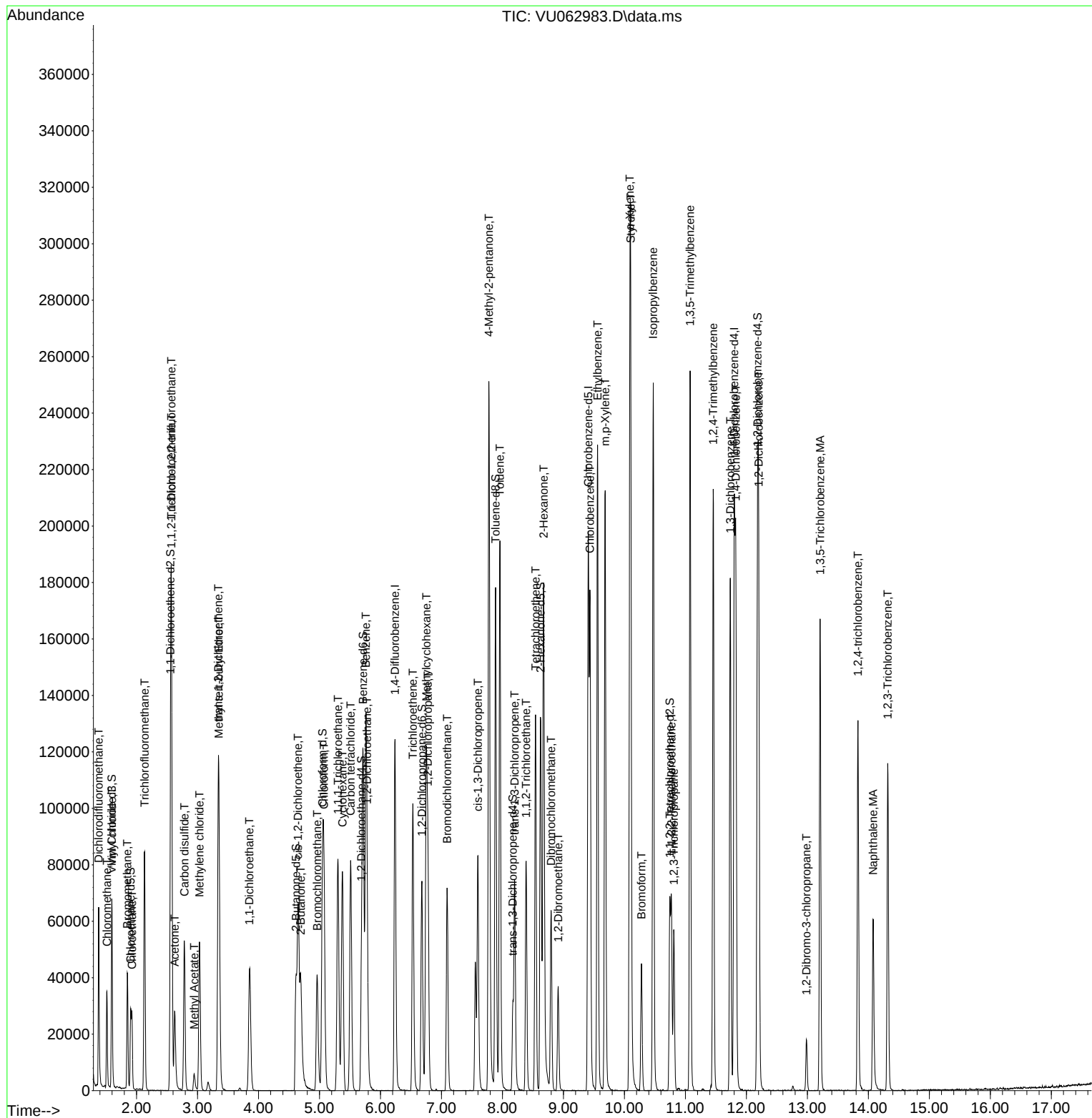
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	44166	4.581	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	62625	4.072	ug/L	99
30) Cyclohexane	5.377	56	36507	3.635	ug/L	96
31) Carbon tetrachloride	5.512	117	58839	4.163	ug/L	96
33) Benzene	5.762	78	114604	3.934	ug/L	100
34) Trichloroethene	6.531	95	35119	3.529	ug/L	97
35) Methylcyclohexane	6.753	83	46233	3.775	ug/L	98
37) 1,2-Dichloropropane	6.778	63	28440	4.138	ug/L	99
38) Bromodichloromethane	7.094	83	48436	4.382	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	51017	4.360	ug/L	99
40) 4-Methyl-2-pentanone	7.778	43	150464	46.869	ug/L	99
42) Toluene	7.958	91	140221	4.392	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	44729	4.434	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	24260	4.346	ug/L	94
47) Tetrachloroethene	8.544	164	28465	4.153	ug/L	97
48) 2-Hexanone	8.676	43	109291	47.353	ug/L	98
49) Dibromochloromethane	8.798	129	32305	4.311	ug/L	96
50) 1,2-Dibromoethane	8.913	107	23974	4.489	ug/L	97
51) Chlorobenzene	9.438	112	88913	4.259	ug/L	97
52) Ethylbenzene	9.560	91	158097	4.364	ug/L	96
53) m,p-Xylene	9.685	106	58303	4.303	ug/L	96
54) o-Xylene	10.090	106	57196	4.407	ug/L	100
55) Styrene	10.103	104	97532	4.493	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.772	83	30286	4.837	ug/L	98
59) Bromoform	10.280	173	20018	4.404	ug/L	97
60) Isopropylbenzene	10.473	105	159938	4.454	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	23367	5.055	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	141698	4.642	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	121775	4.124	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	73682	4.426	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	72767	4.334	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	72120	4.622	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.984	75	5394	4.505	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	51428	4.102	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	38519	3.814	ug/L	98
71) Naphthalene	14.080	128	54143	3.664	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	36263	4.119	ug/L	93

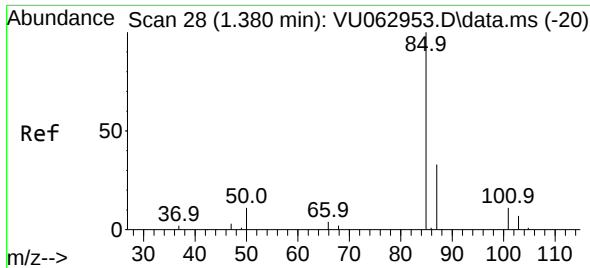
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Data File : VU062983.D
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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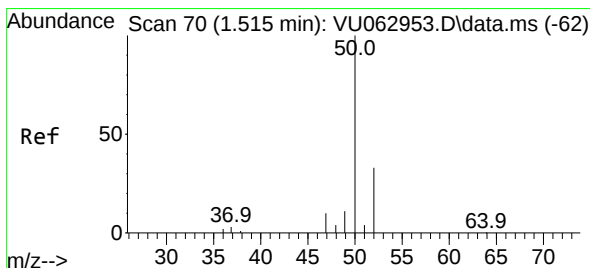
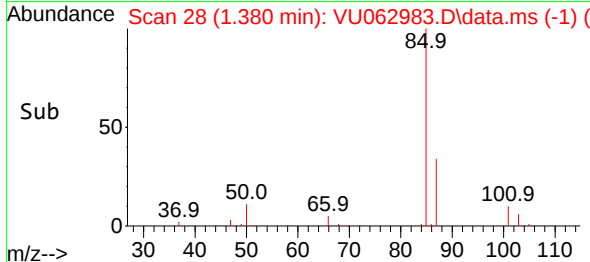
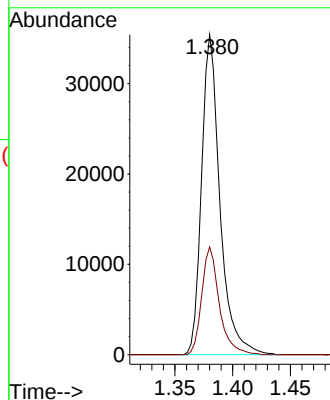
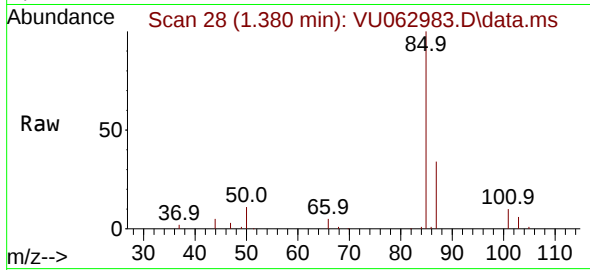




#2
 Dichlorodifluoromethane
 Concen: 4.087 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU062983.D
 Acq: 24 Jan 2025 09:32

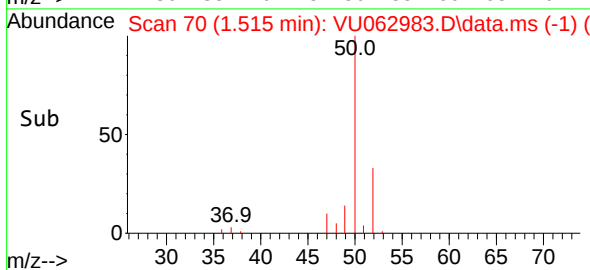
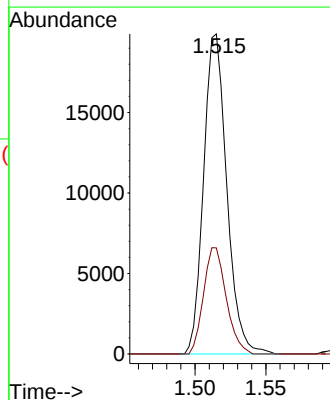
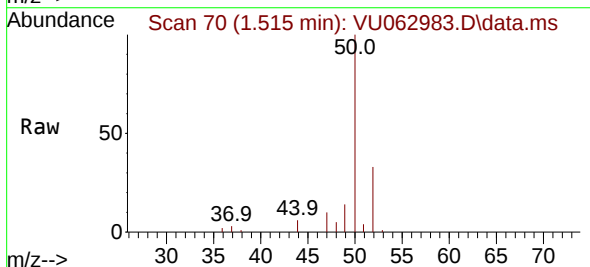
Instrument :
 MSVOA_U
 ClientSampleId :

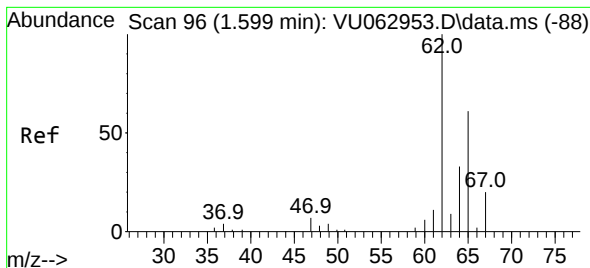
Tgt Ion: 85 Resp: 39225
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.1 39.1



#3
 Chloromethane
 Concen: 3.516 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062983.D
 Acq: 24 Jan 2025 09:32

Tgt Ion: 50 Resp: 22647
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.1 44.7





#5

Vinyl chloride

Concen: 3.738 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

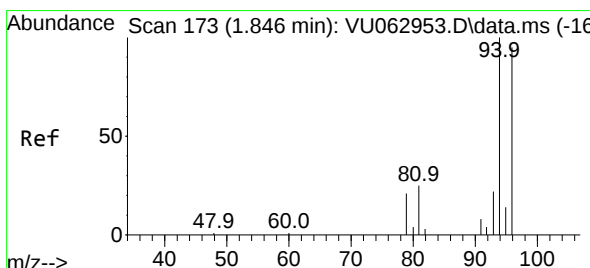
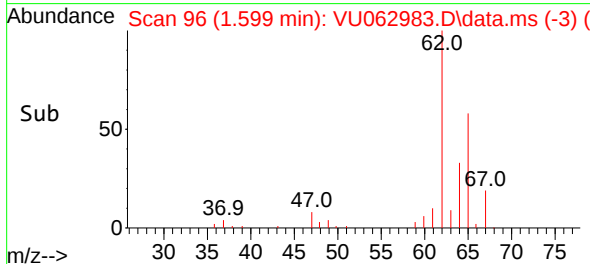
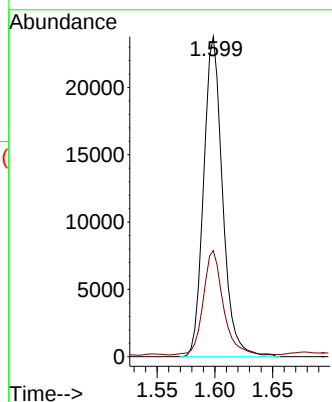
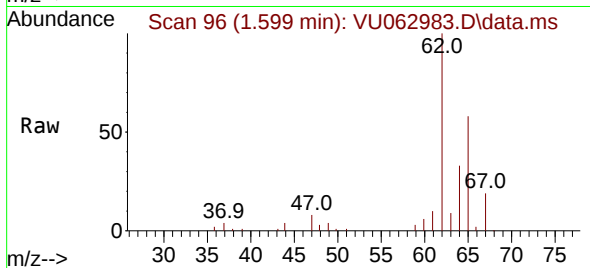
ClientSampleId :

Tgt Ion: 62 Resp: 27114

Ion Ratio Lower Upper

62 100

64 33.2 23.4 43.4



#6

Bromomethane

Concen: 3.403 ug/L

RT: 1.849 min Scan# 174

Delta R.T. 0.003 min

Lab File: VU062983.D

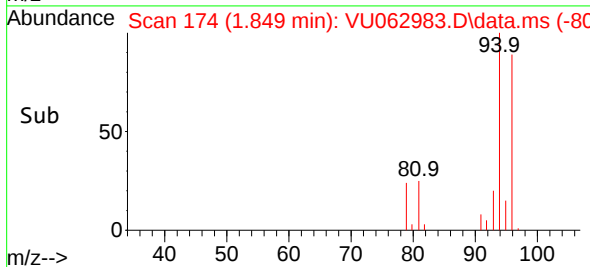
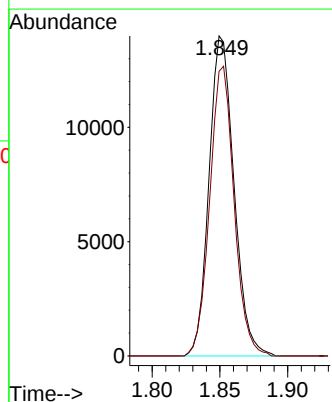
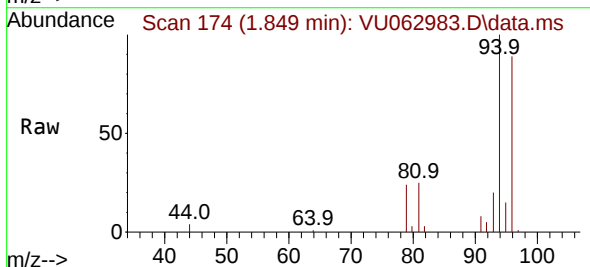
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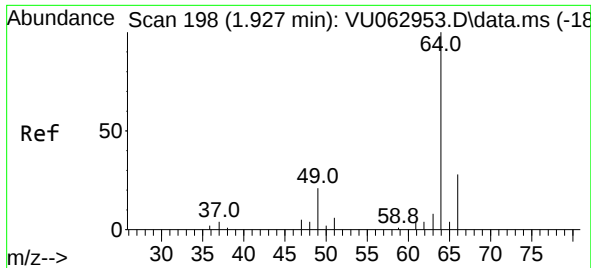
Tgt Ion: 94 Resp: 17957

Ion Ratio Lower Upper

94 100

96 89.0 62.9 116.7

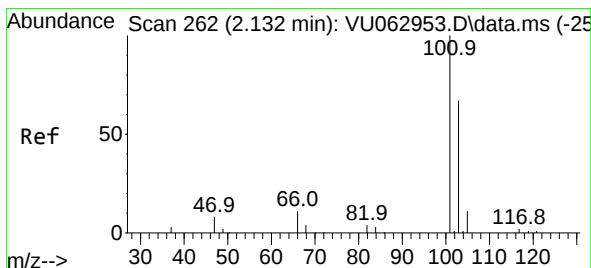
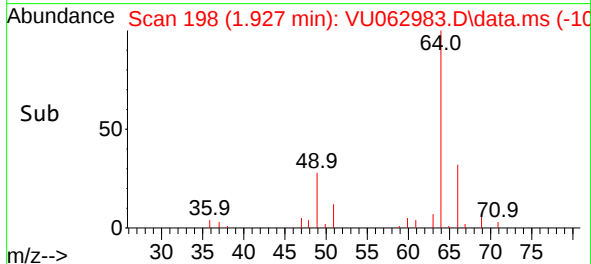
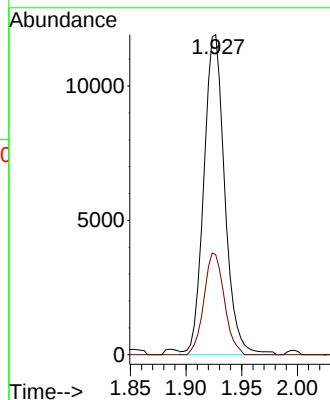
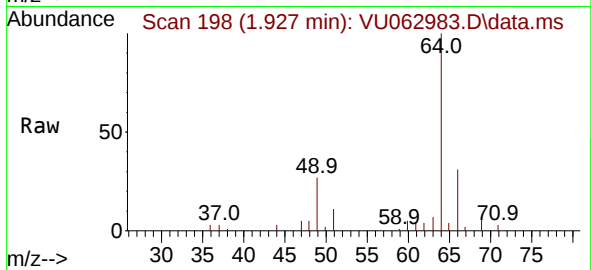




#8
Chloroethane
Concen: 3.578 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

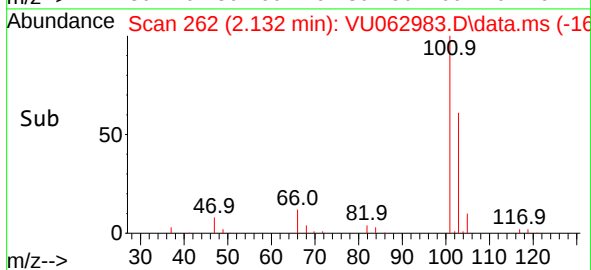
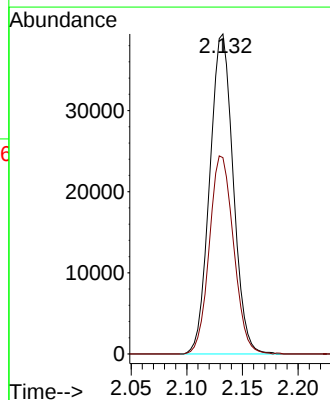
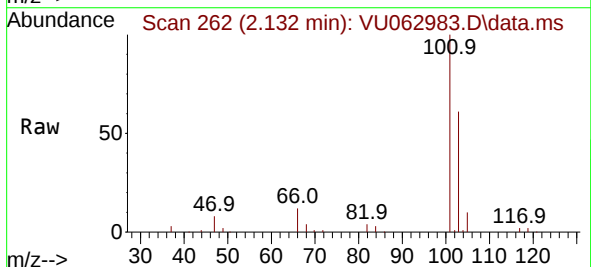
Instrument :
MSVOA_U
ClientSampleId :

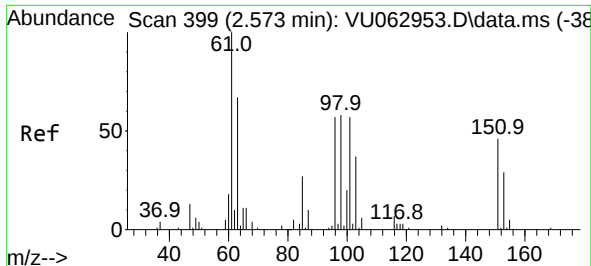
Tgt Ion: 64 Resp: 15591
Ion Ratio Lower Upper
64 100
66 31.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 3.950 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

Tgt Ion:101 Resp: 57792
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

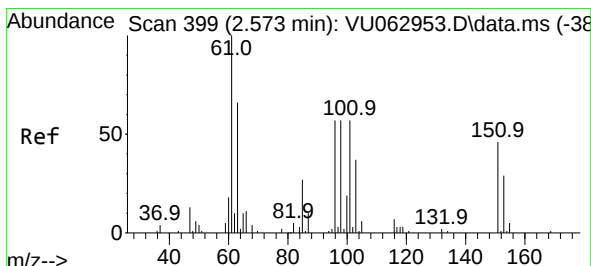
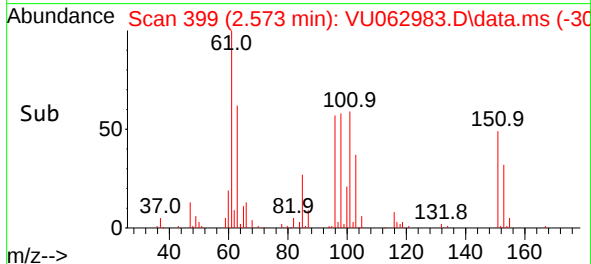
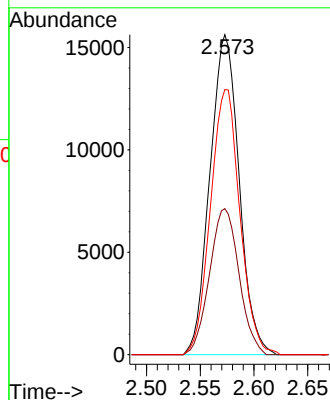
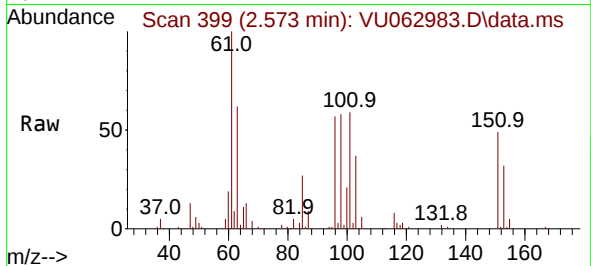




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.171 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

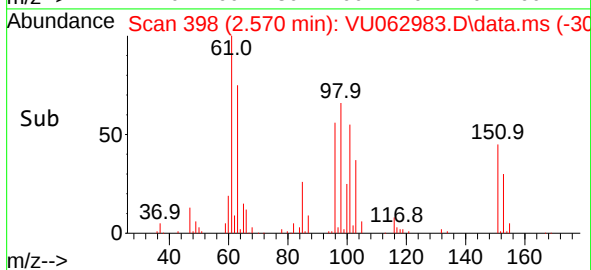
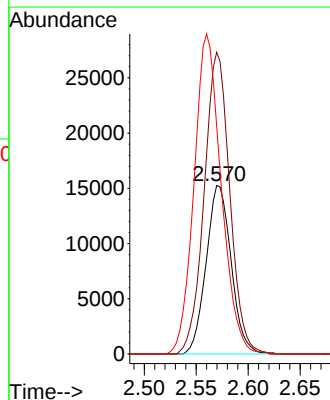
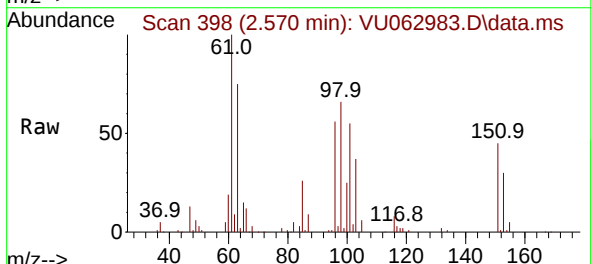
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ClientSampleId :

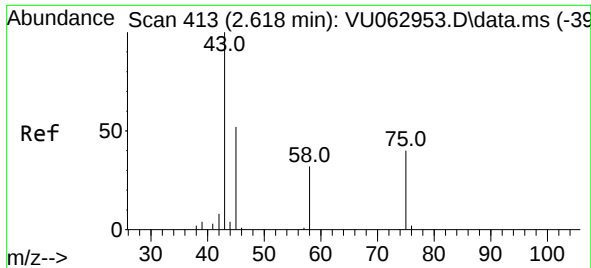
Tgt Ion:101 Resp: 29488
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 83.6 64.4 96.6



#12
1,1-Dichloroethene
Concen: 4.080 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

Tgt Ion: 96 Resp: 25520
Ion Ratio Lower Upper
96 100
61 179.0 120.4 223.6
63 135.2 82.3 152.9





#13

Acetone

Concen: 39.843 ug/L

RT: 2.624 min Scan# 413

Delta R.T. 0.006 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

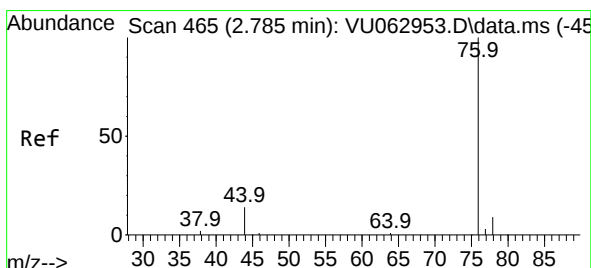
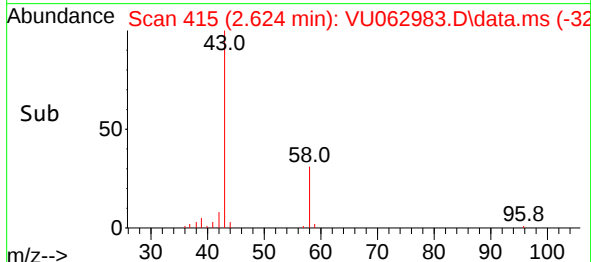
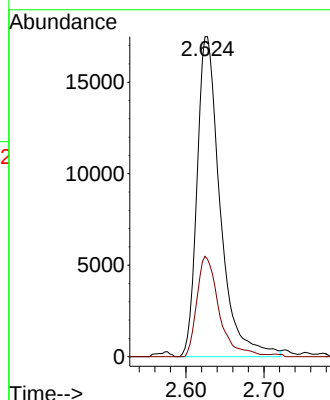
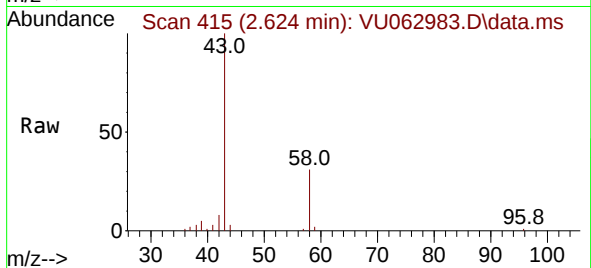
ClientSampleId :

Tgt Ion: 43 Resp: 35997

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.4



#14

Carbon disulfide

Concen: 3.525 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062983.D

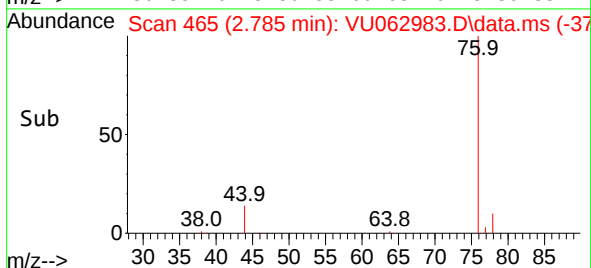
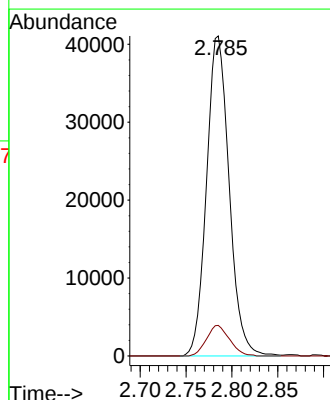
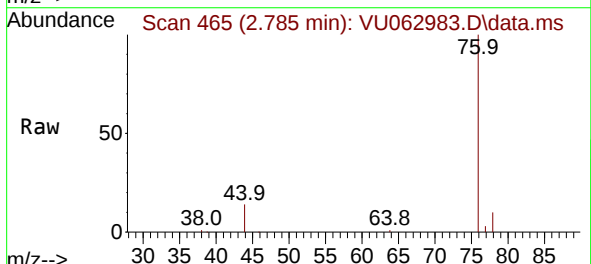
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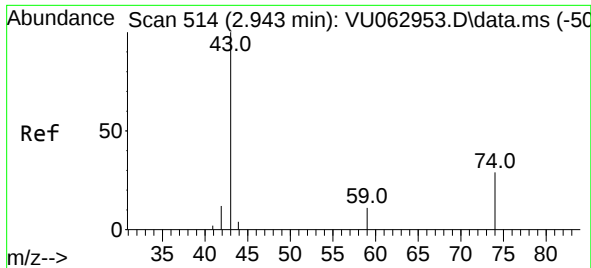
Tgt Ion: 76 Resp: 70426

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6

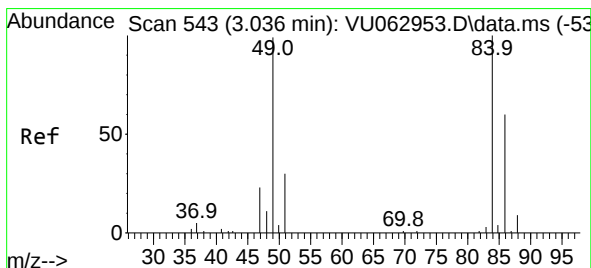
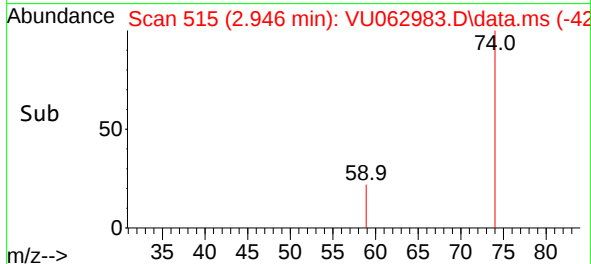
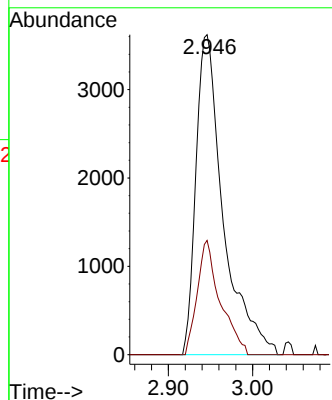
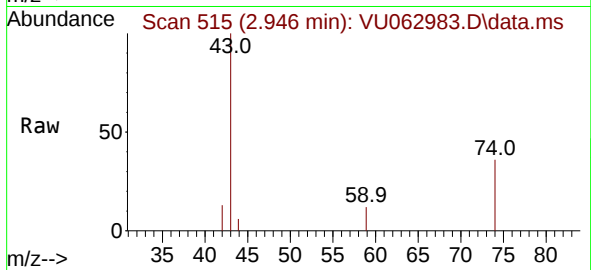




#15
Methyl Acetate
Concen: 4.172 ug/L
RT: 2.946 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

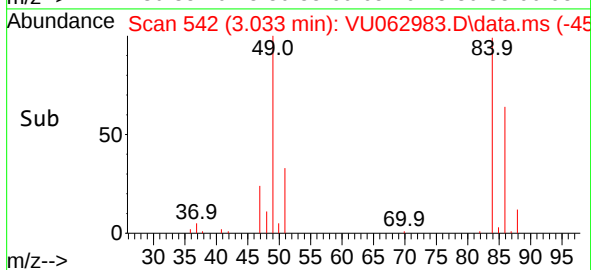
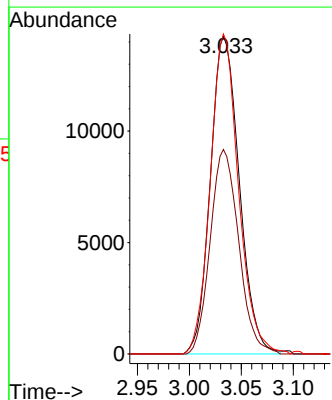
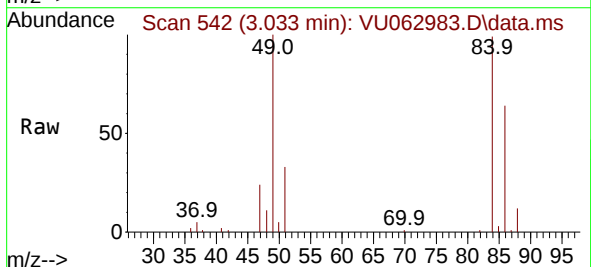
Instrument :
MSVOA_U
ClientSampleId :

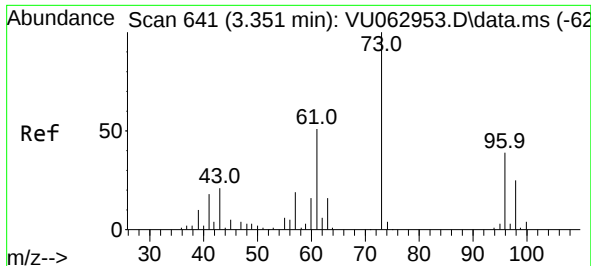
Tgt Ion: 43 Resp: 8161
Ion Ratio Lower Upper
43 100
74 30.0 24.4 36.6



#16
Methylene chloride
Concen: 4.029 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

Tgt Ion: 84 Resp: 27605
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 100.8 68.3 126.9





#17

Methyl tert-butyl Ether

Concen: 4.247 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

ClientSampleId :

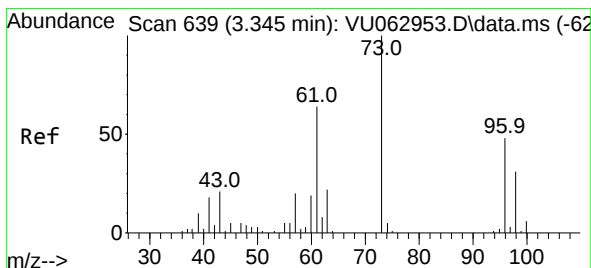
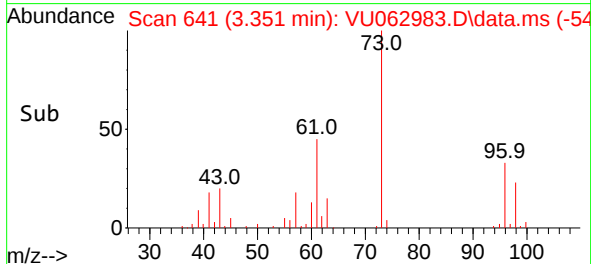
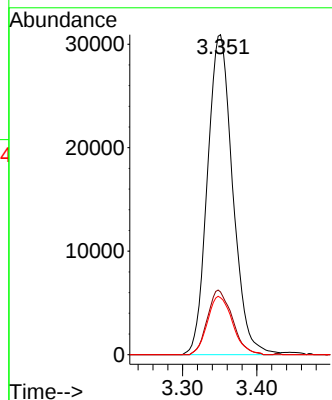
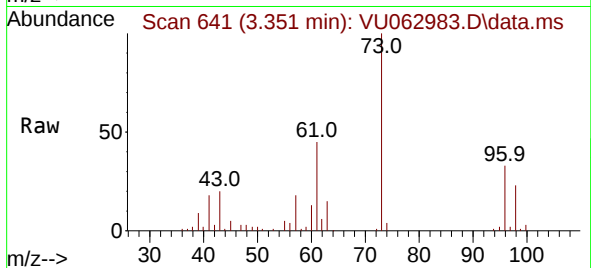
Tgt Ion: 73 Resp: 73007

Ion Ratio Lower Upper

73 100

43 19.9 16.2 24.4

57 18.2 14.6 22.0



#18

trans-1,2-Dichloroethene

Concen: 3.992 ug/L

RT: 3.341 min Scan# 638

Delta R.T. -0.003 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

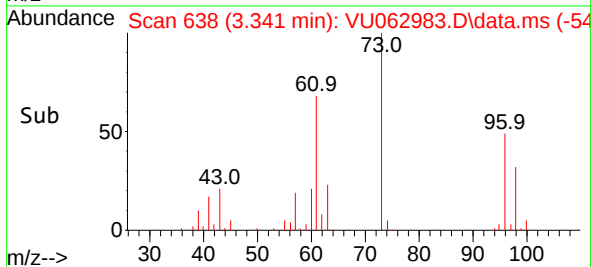
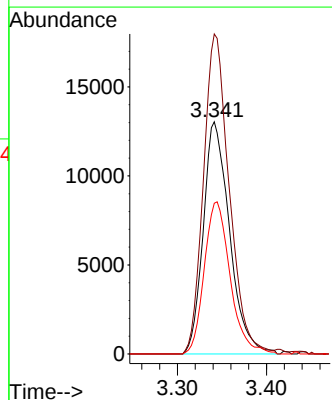
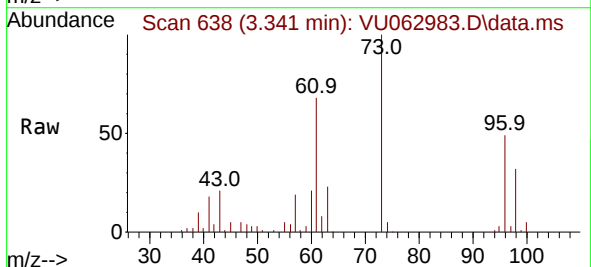
Tgt Ion: 96 Resp: 26750

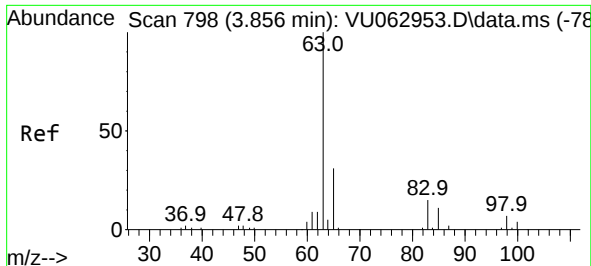
Ion Ratio Lower Upper

96 100

61 137.8 94.4 175.2

98 64.9 42.8 79.4

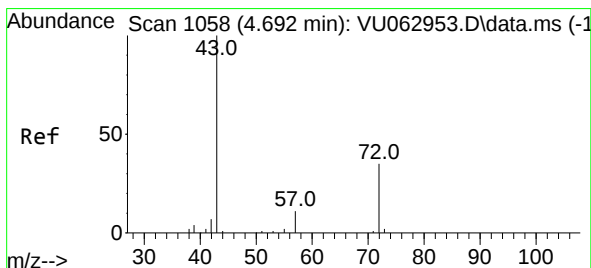
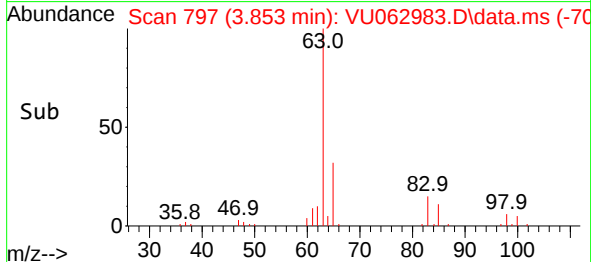
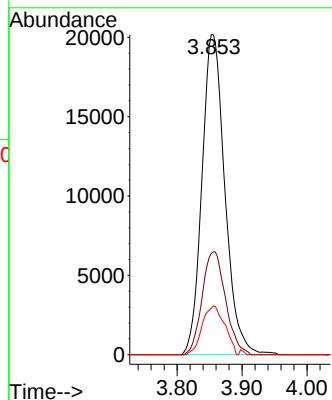
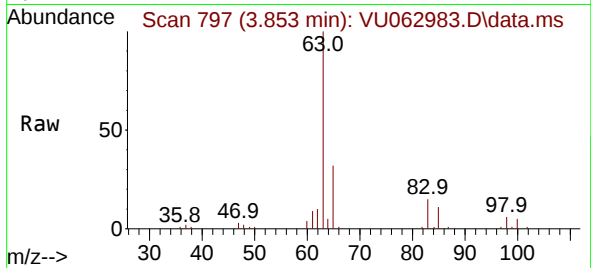




#19
 1,1-Dichloroethane
 Concen: 4.133 ug/L
 RT: 3.853 min Scan# 798
 Delta R.T. -0.003 min
 Lab File: VU062983.D
 Acq: 24 Jan 2025 09:32

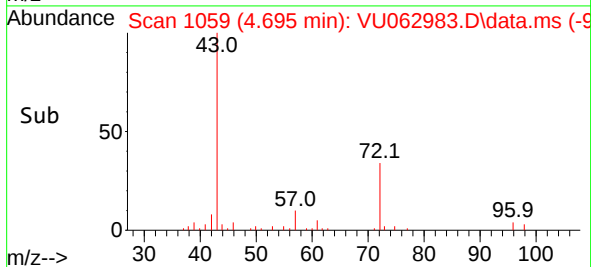
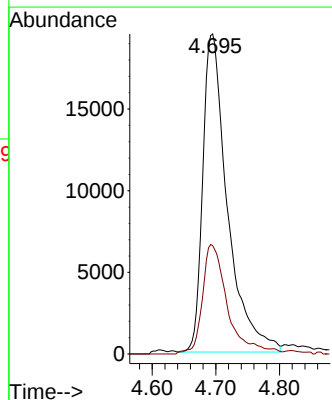
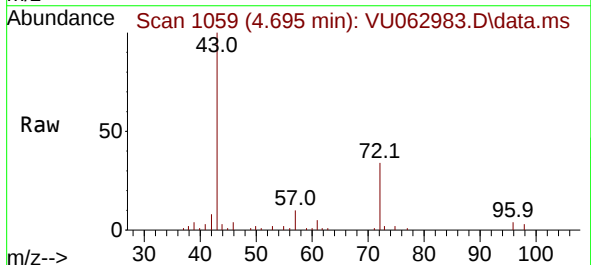
Instrument :
 MSVOA_U
 ClientSampleId :

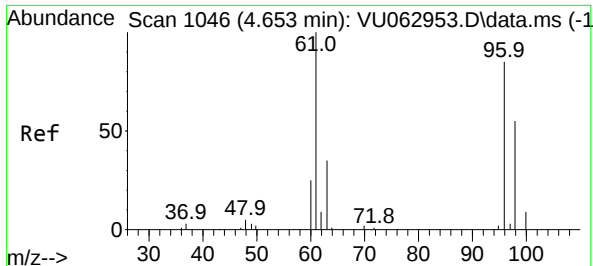
Tgt Ion: 63 Resp: 49516
 Ion Ratio Lower Upper
 63 100
 65 31.6 20.7 38.5
 83 14.5 10.5 19.5



#21
 2-Butanone
 Concen: 43.653 ug/L
 RT: 4.695 min Scan# 1059
 Delta R.T. 0.003 min
 Lab File: VU062983.D
 Acq: 24 Jan 2025 09:32

Tgt Ion: 43 Resp: 52525
 Ion Ratio Lower Upper
 43 100
 72 34.4 17.1 51.2

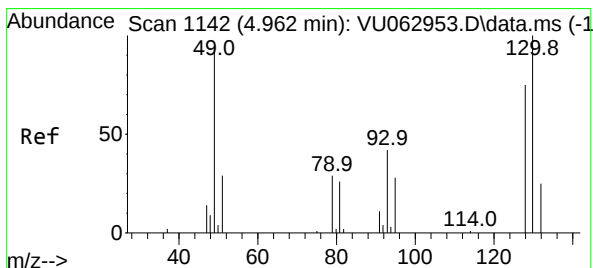
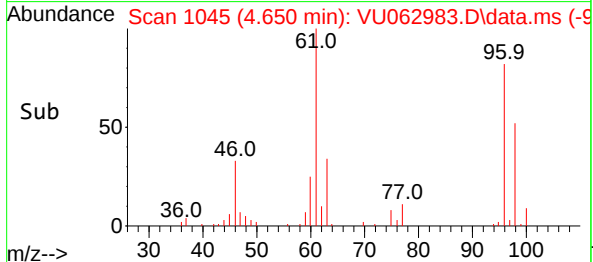
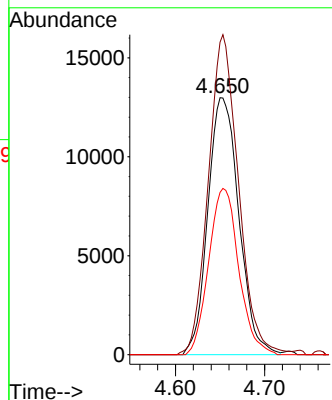
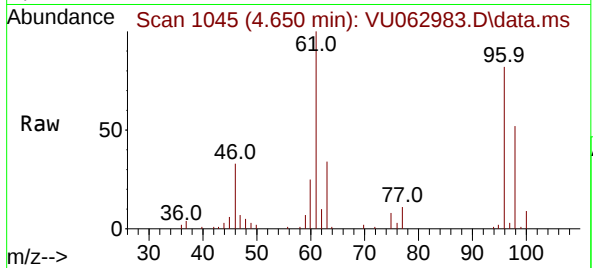




#22
 cis-1,2-Dichloroethene
 Concen: 4.308 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062983.D
 Acq: 24 Jan 2025 09:32

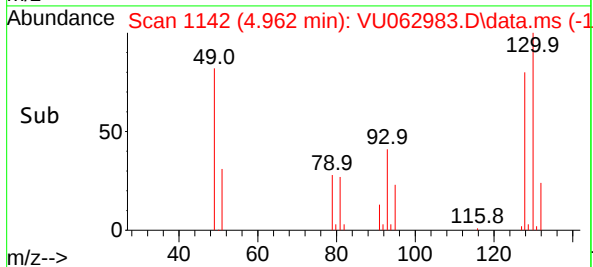
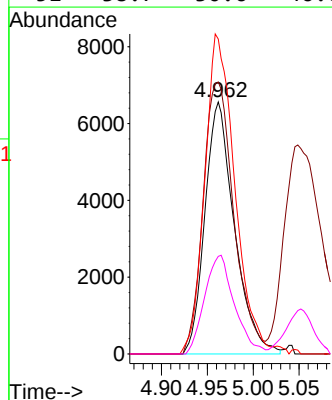
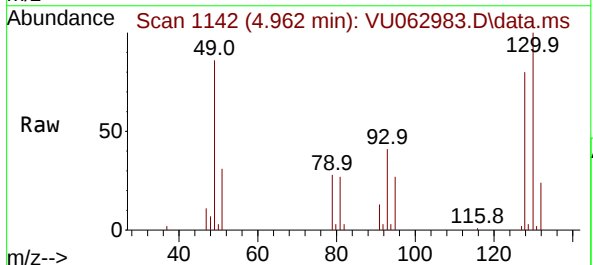
Instrument :
 MSVOA_U
 ClientSampleId :

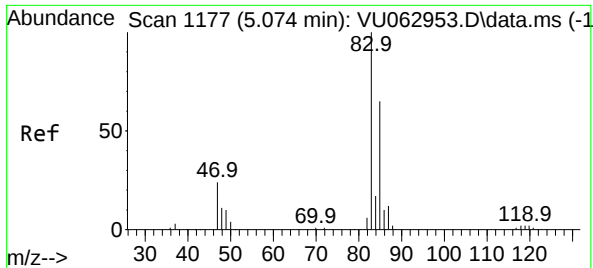
Tgt Ion: 96 Resp: 31434
 Ion Ratio Lower Upper
 96 100
 61 121.6 84.8 157.6
 98 63.2 43.1 80.1



#23
 Bromochloromethane
 Concen: 4.255 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VU062983.D
 Acq: 24 Jan 2025 09:32

Tgt Ion: 128 Resp: 14657
 Ion Ratio Lower Upper
 128 100
 49 107.9 81.1 150.7
 130 124.9 94.9 176.3
 51 38.7 30.6 46.0





#25

Chloroform

Concen: 4.328 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

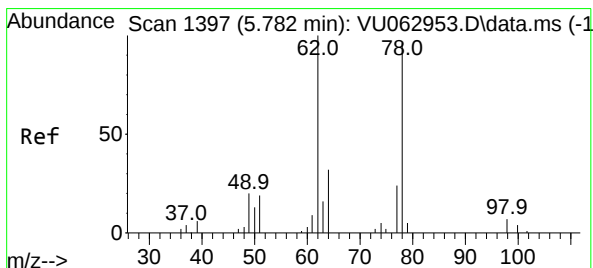
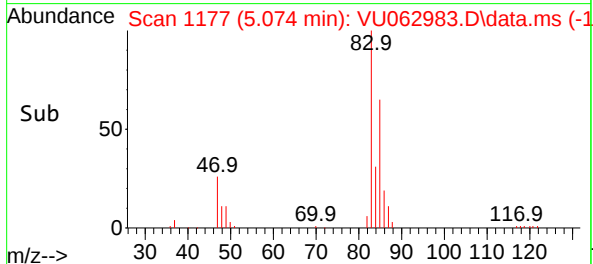
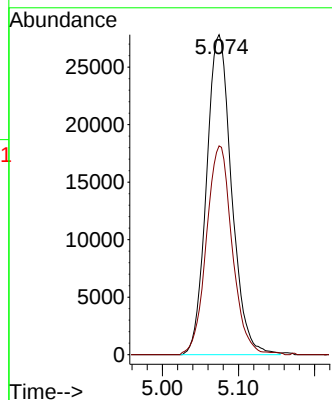
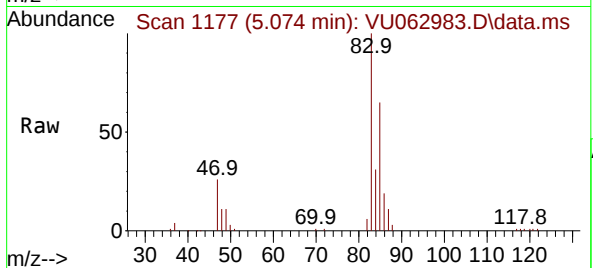
ClientSampleId :

Tgt Ion: 83 Resp: 63813

Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.581 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU062983.D

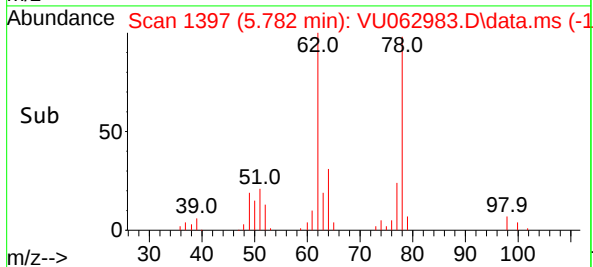
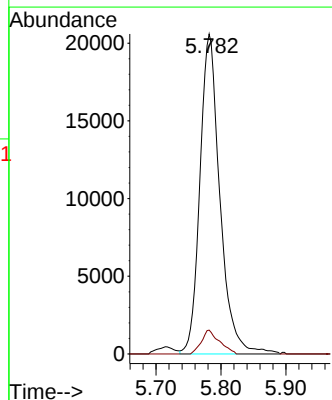
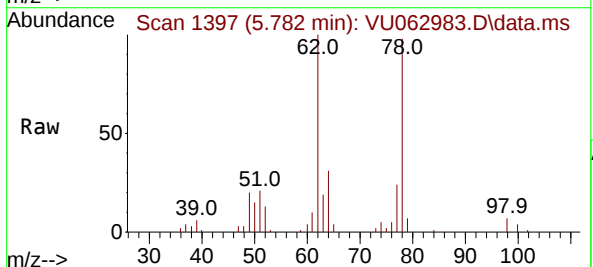
Acq: 24 Jan 2025 09:32

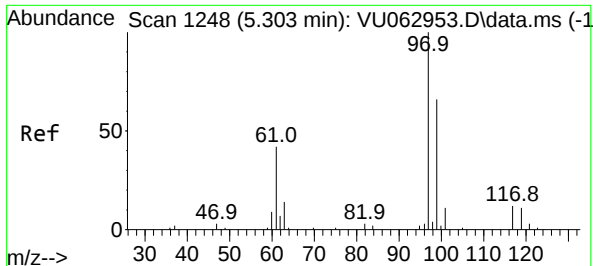
Tgt Ion: 62 Resp: 44166

Ion Ratio Lower Upper

62 100

98 7.5 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 4.072 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

ClientSampleId :

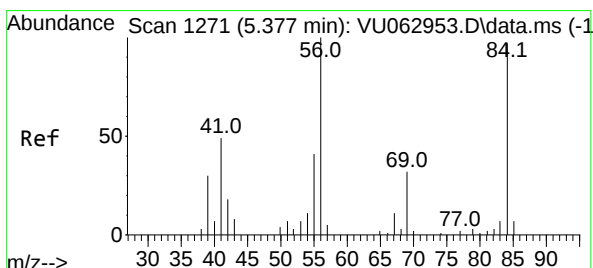
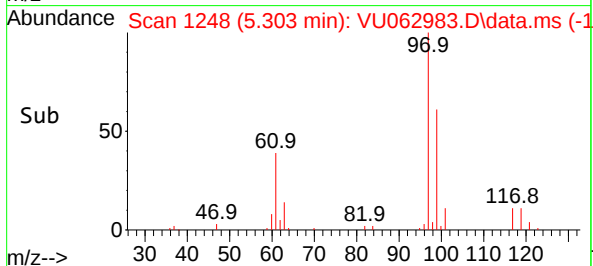
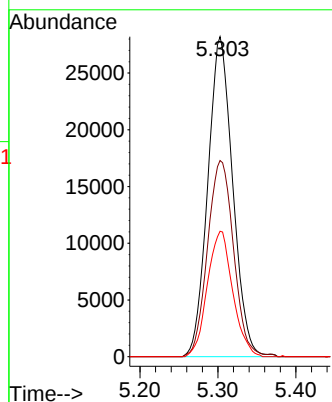
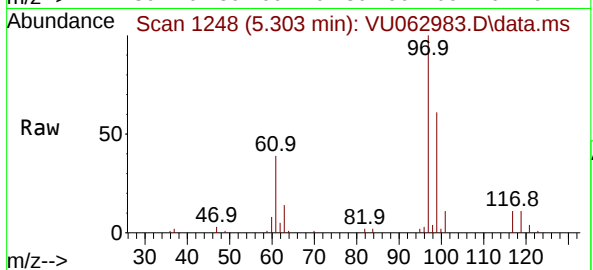
Tgt Ion: 97 Resp: 62625

Ion Ratio Lower Upper

97 100

99 64.2 52.4 78.6

61 39.9 32.2 48.4



#30

Cyclohexane

Concen: 3.635 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

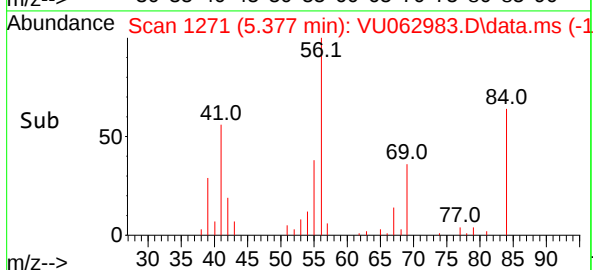
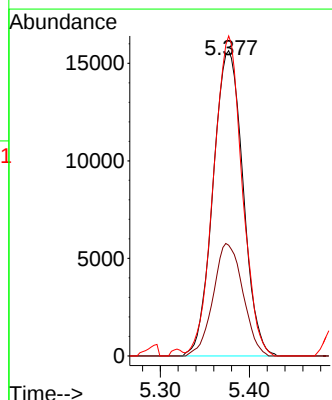
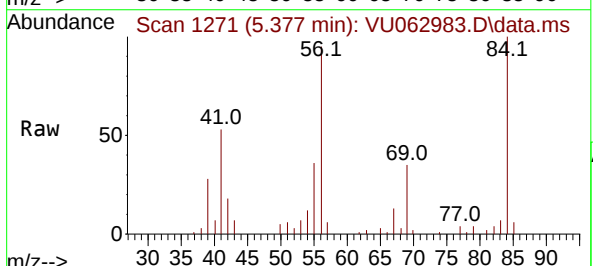
Tgt Ion: 56 Resp: 36507

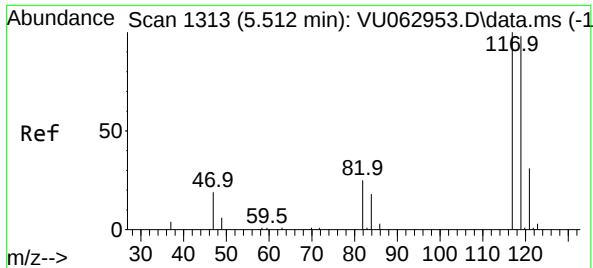
Ion Ratio Lower Upper

56 100

69 36.5 28.3 42.5

84 100.2 76.5 114.7

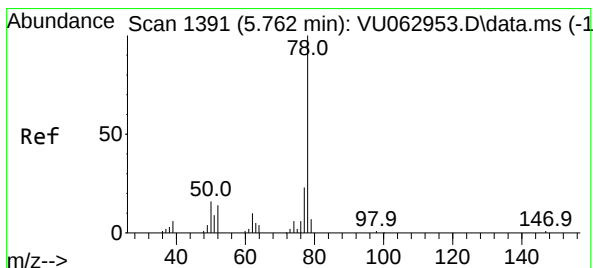
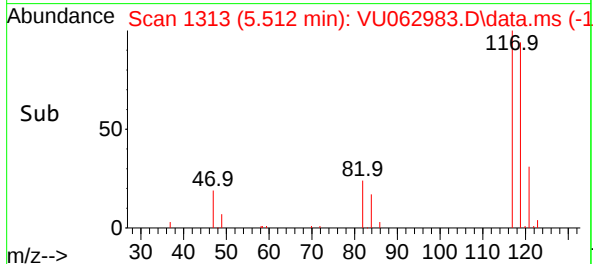
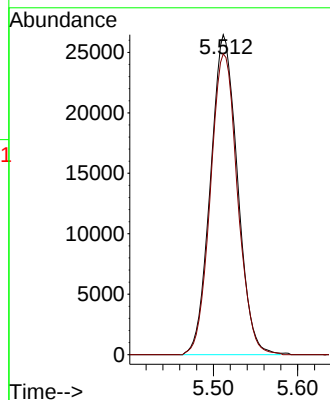
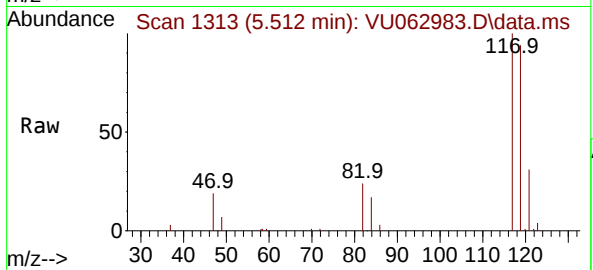




#31
Carbon tetrachloride
Concen: 4.163 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

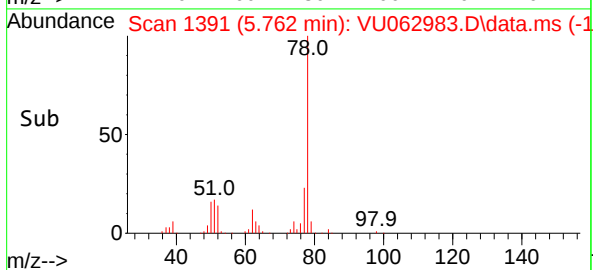
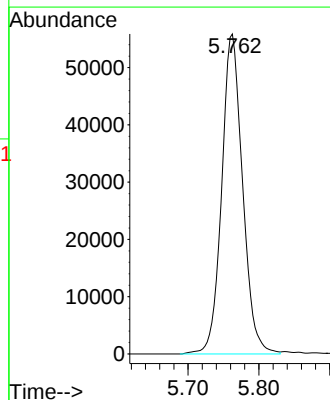
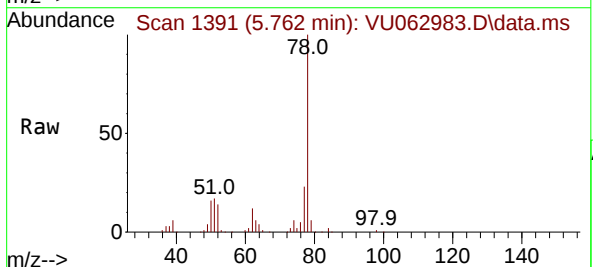
Instrument :
MSVOA_U
ClientSampleId :

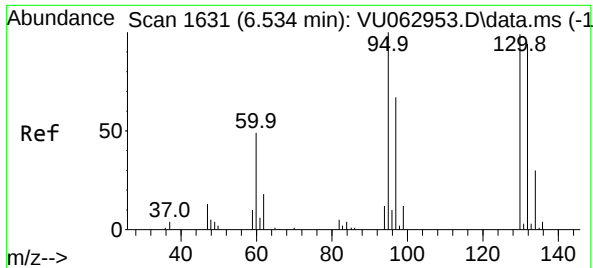
Tgt Ion:117 Resp: 58839
Ion Ratio Lower Upper
117 100
119 94.4 78.6 118.0



#33
Benzene
Concen: 3.934 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

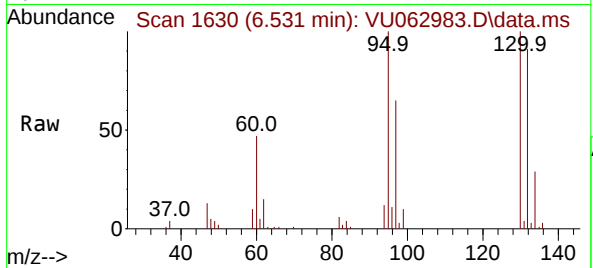
Tgt Ion: 78 Resp: 114604



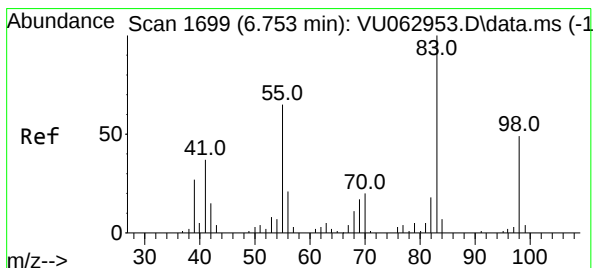
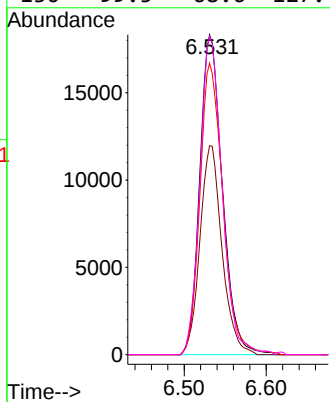
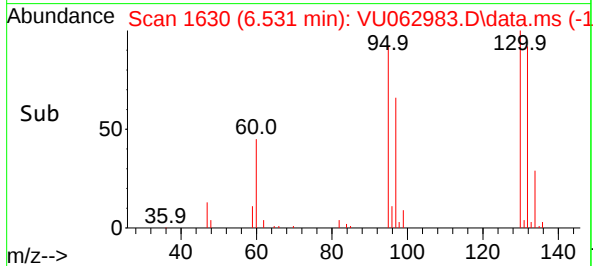


#34
Trichloroethene
Concen: 3.529 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

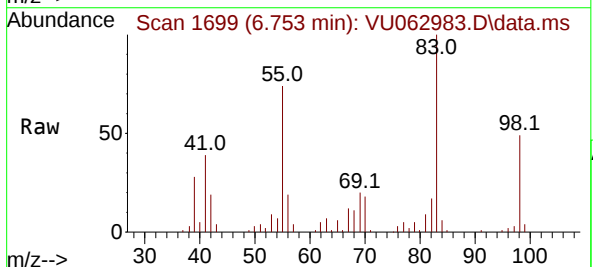
Instrument :
MSVOA_U
ClientSampleId :



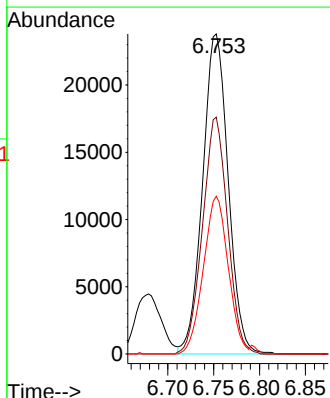
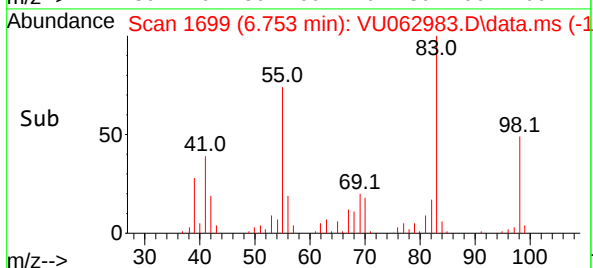
Tgt Ion: 95 Resp: 35119
Ion Ratio Lower Upper
95 100
97 65.3 47.5 88.3
132 91.1 66.9 124.3
130 99.5 68.6 127.4

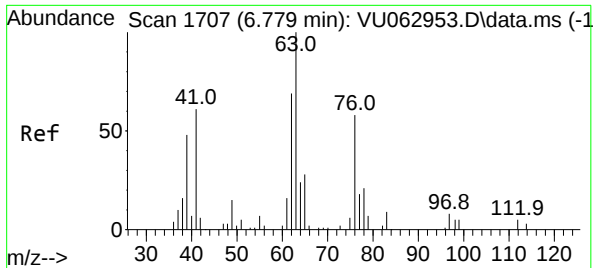


#35
Methylcyclohexane
Concen: 3.775 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32



Tgt Ion: 83 Resp: 46233
Ion Ratio Lower Upper
83 100
55 72.3 57.2 85.8
98 47.9 36.6 55.0

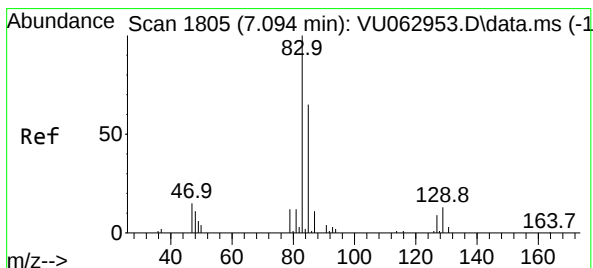
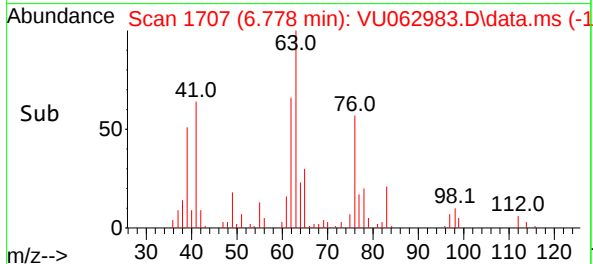
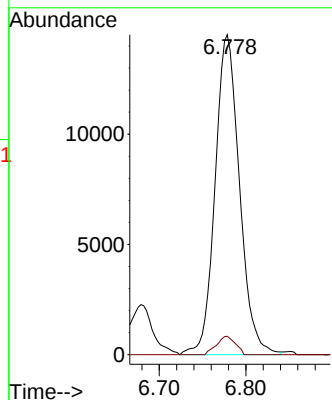
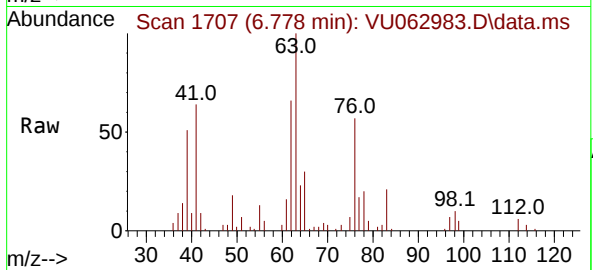




#37
1,2-Dichloropropane
Concen: 4.138 ug/L
RT: 6.778 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

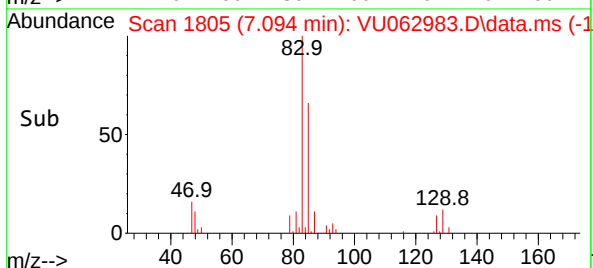
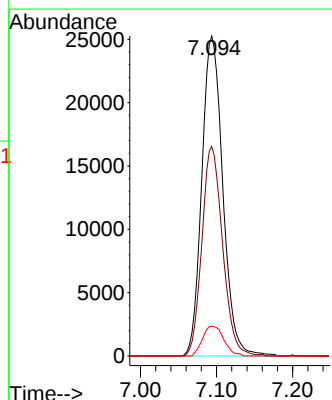
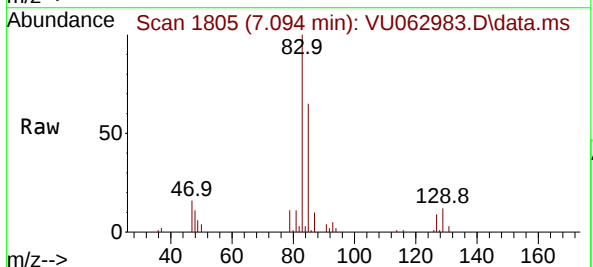
Instrument :
MSVOA_U
ClientSampleId :

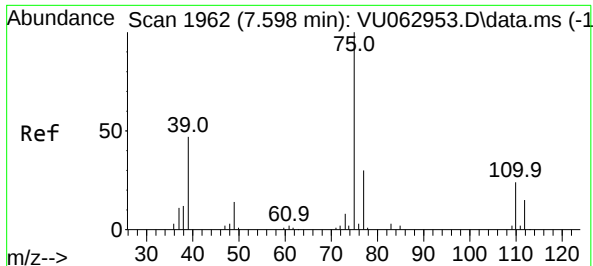
Tgt Ion: 63 Resp: 28440
Ion Ratio Lower Upper
63 100
112 4.4 3.8 5.8



#38
Bromodichloromethane
Concen: 4.382 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

Tgt Ion: 83 Resp: 48436
Ion Ratio Lower Upper
83 100
85 65.5 44.2 82.0
127 9.3 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.360 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

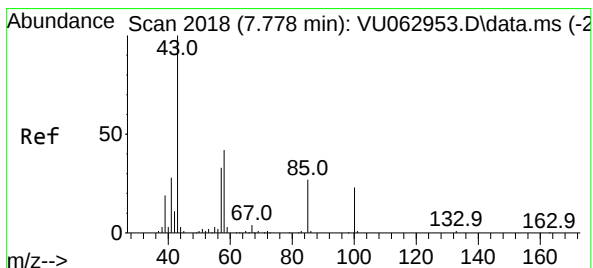
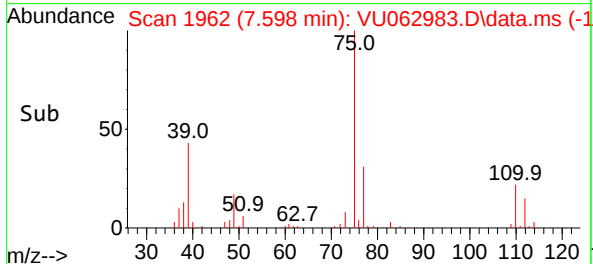
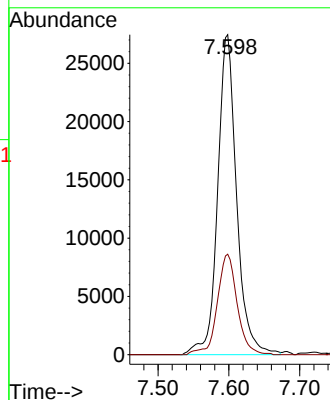
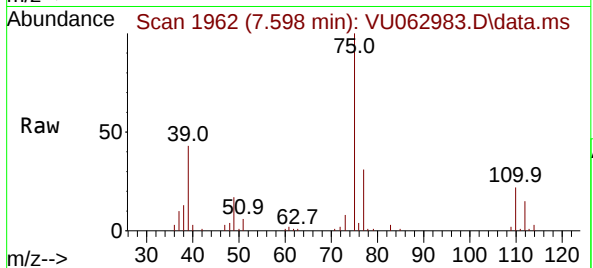
ClientSampleId :

Tgt Ion: 75 Resp: 51017

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 46.869 ug/L

RT: 7.778 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

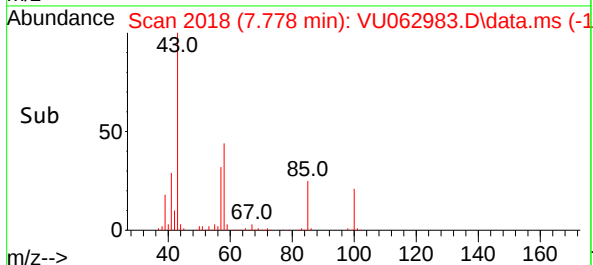
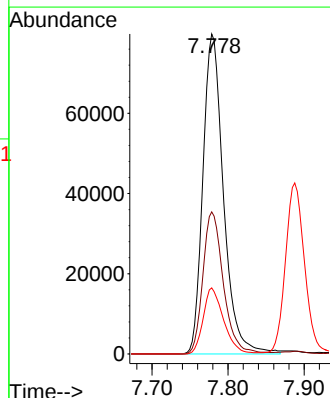
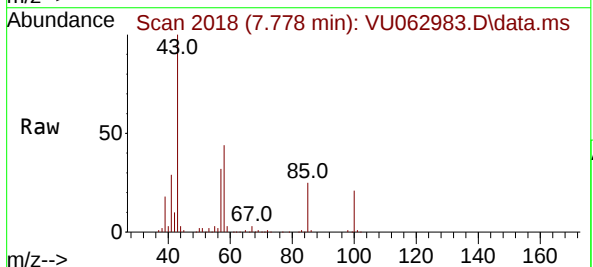
Tgt Ion: 43 Resp: 150464

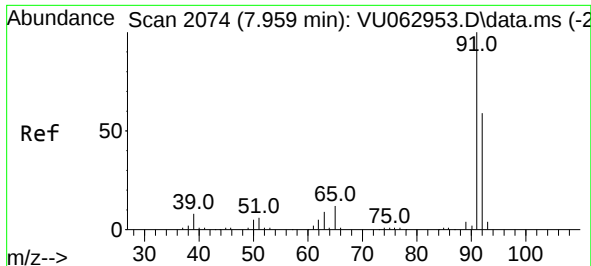
Ion Ratio Lower Upper

43 100

58 44.1 35.8 53.8

100 20.4 16.8 25.2





#42

Toluene

Concen: 4.392 ug/L

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

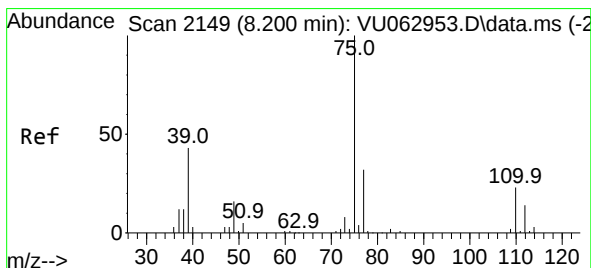
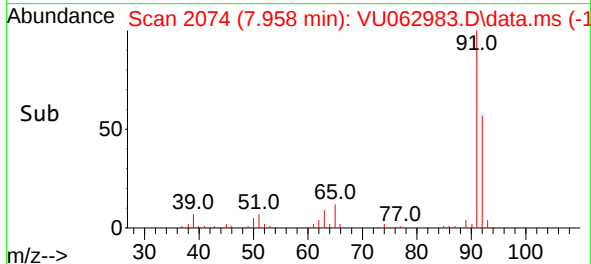
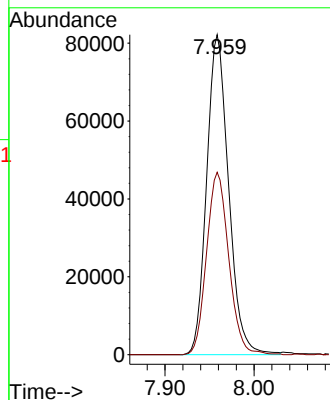
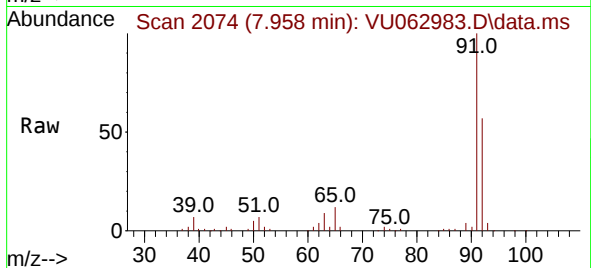
ClientSampleId :

Tgt Ion: 91 Resp: 140221

Ion Ratio Lower Upper

91 100

92 57.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.434 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU062983.D

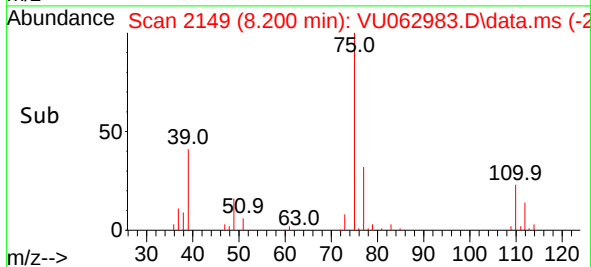
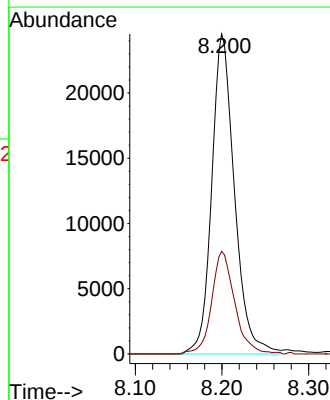
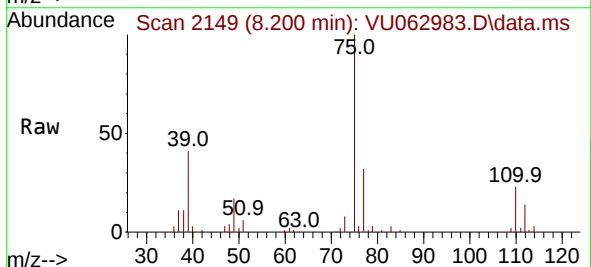
Acq: 24 Jan 2025 09:32

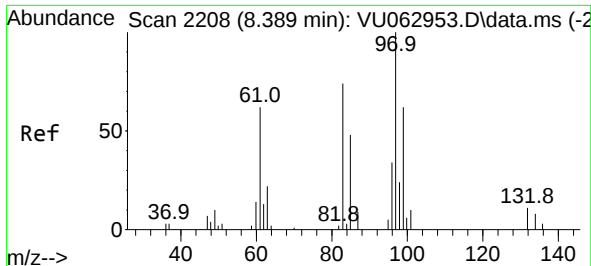
Tgt Ion: 75 Resp: 44729

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



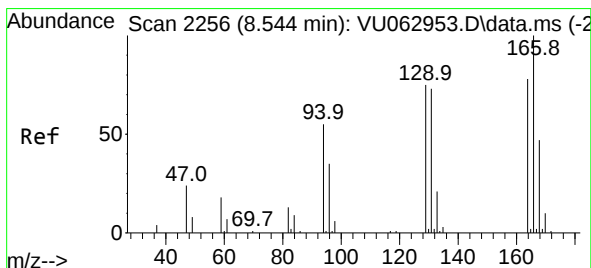
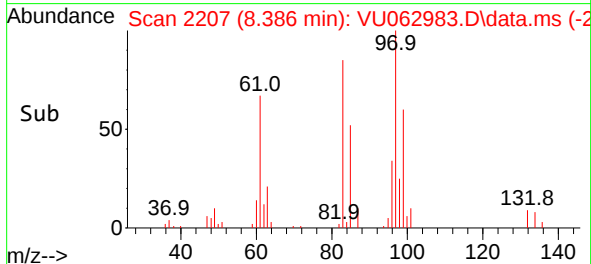
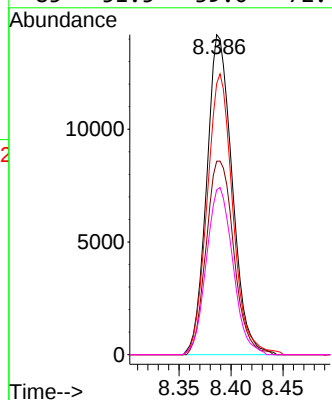
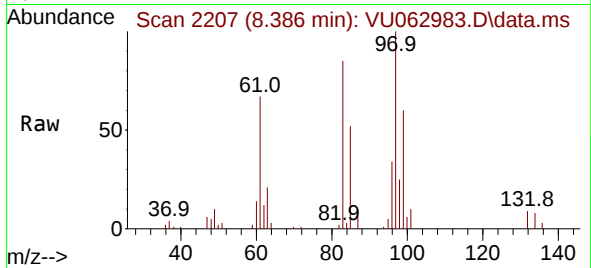


#45
 1,1,2-Trichloroethane
 Concen: 4.346 ug/L
 RT: 8.386 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU062983.D
 Acq: 24 Jan 2025 09:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 97 Resp: 24260

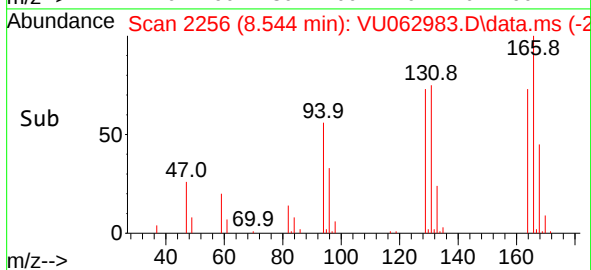
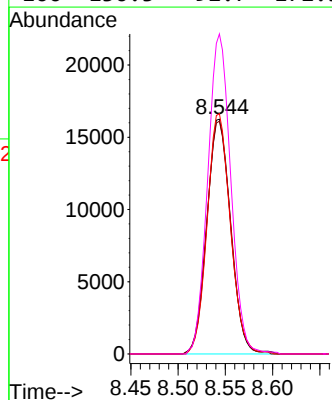
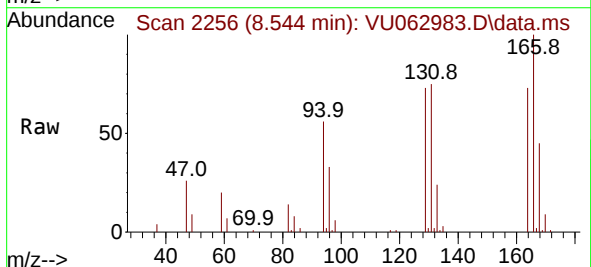
Ion	Ratio	Lower	Upper
97	100		
99	60.4	45.6	84.6
83	84.7	63.0	117.0
85	51.5	39.0	72.4

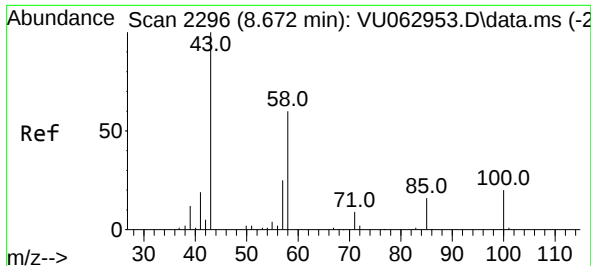


#47
 Tetrachloroethene
 Concen: 4.153 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU062983.D
 Acq: 24 Jan 2025 09:32

Tgt Ion: 164 Resp: 28465

Ion	Ratio	Lower	Upper
164	100		
129	99.2	71.0	131.9
131	102.4	69.4	129.0
166	136.3	92.7	172.3

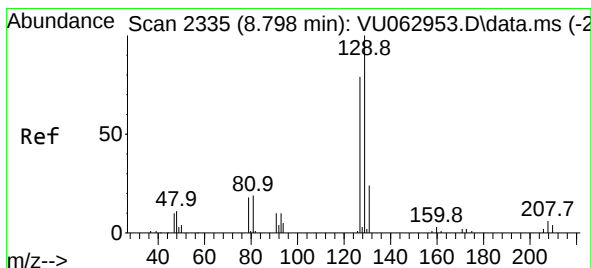
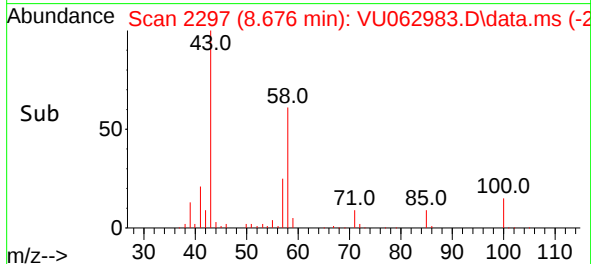
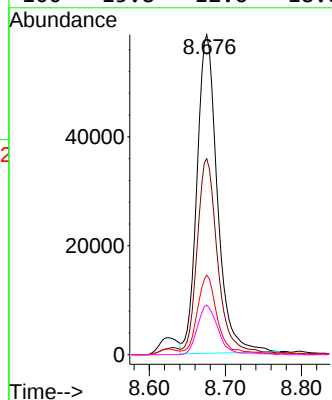
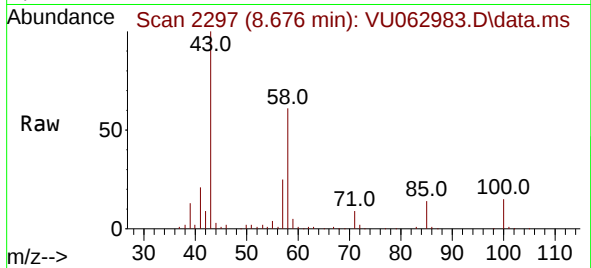




#48
2-Hexanone
Concen: 47.353 ug/L
RT: 8.676 min Scan# 2296
Delta R.T. 0.003 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

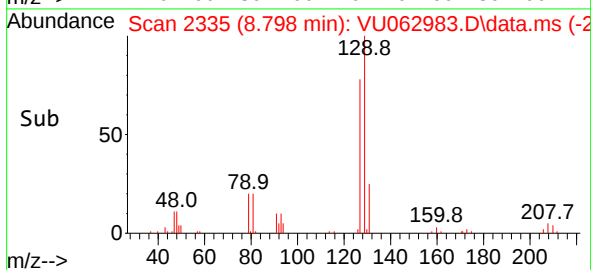
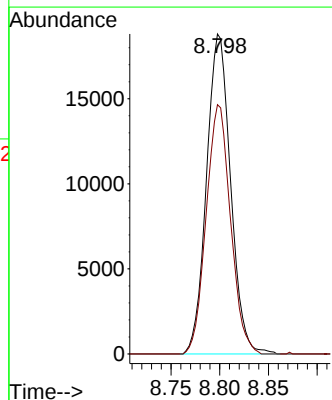
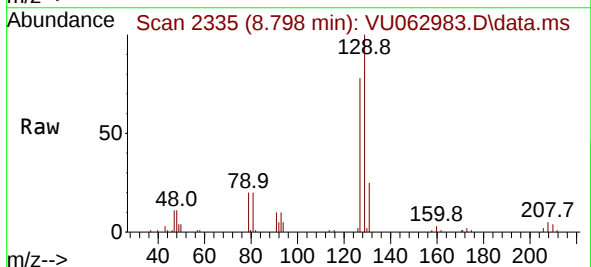
Instrument :
MSVOA_U
ClientSampleId :

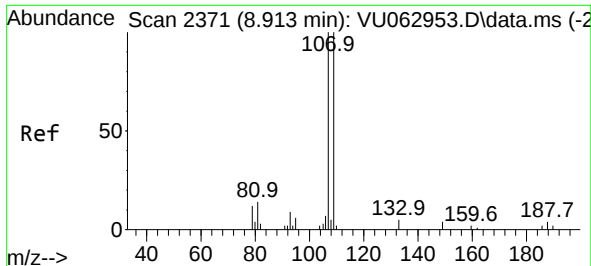
Tgt Ion: 43	Resp: 109291
Ion Ratio	Lower Upper
43 100	
58 60.2	50.2 75.4
57 24.3	19.9 29.9
100 15.8	12.6 18.8



#49
Dibromochloromethane
Concen: 4.311 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

Tgt Ion:129	Resp: 32305		
Ion Ratio	Lower	Upper	
129 100			
127 77.9	52.1	96.9	





#50

1,2-Dibromoethane

Concen: 4.489 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

ClientSampleId :

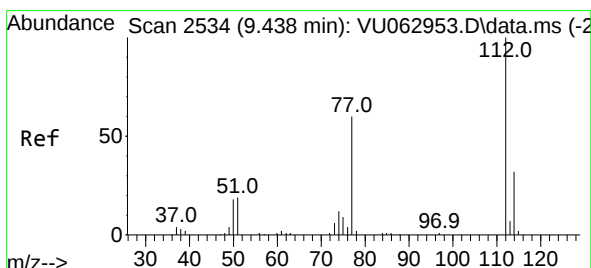
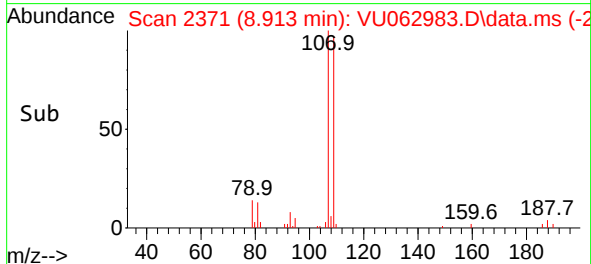
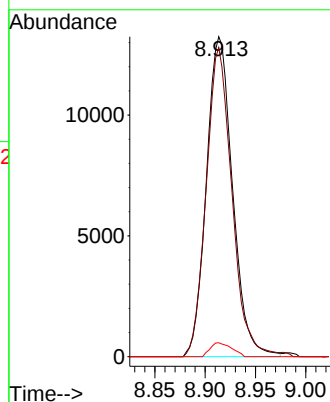
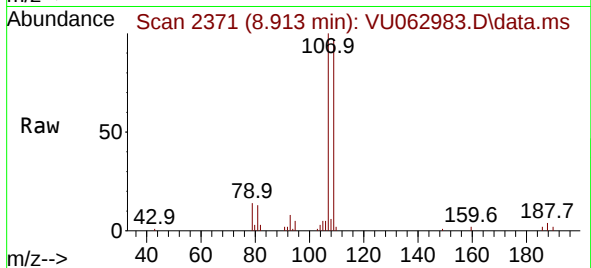
Tgt Ion:107 Resp: 23974

Ion Ratio Lower Upper

107 100

109 96.6 65.7 121.9

188 4.4 3.4 5.2



#51

Chlorobenzene

Concen: 4.259 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

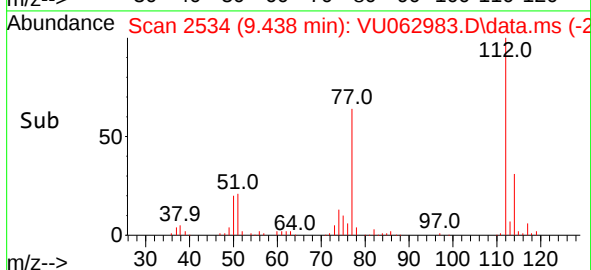
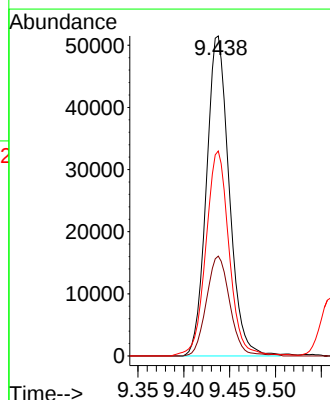
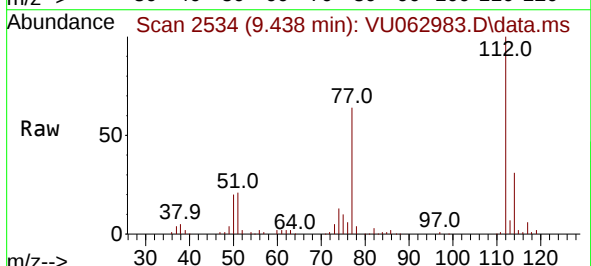
Tgt Ion:112 Resp: 88913

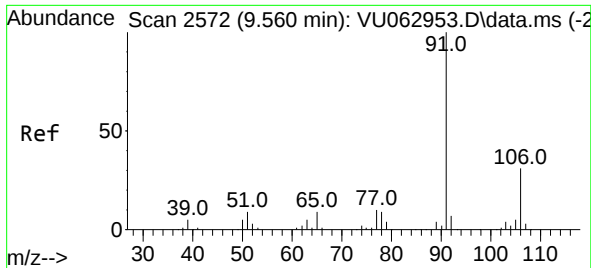
Ion Ratio Lower Upper

112 100

114 31.2 21.7 40.3

77 64.0 48.6 73.0

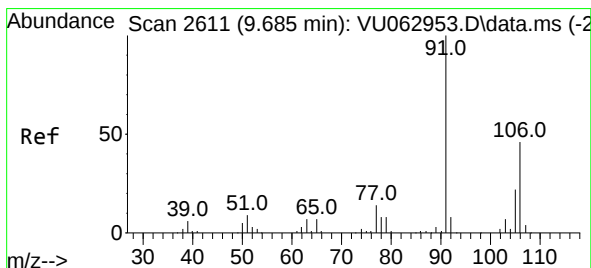
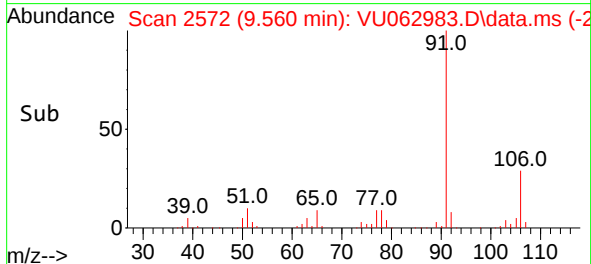
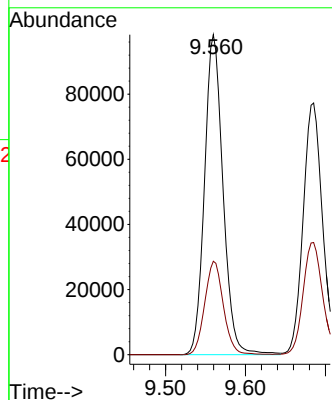
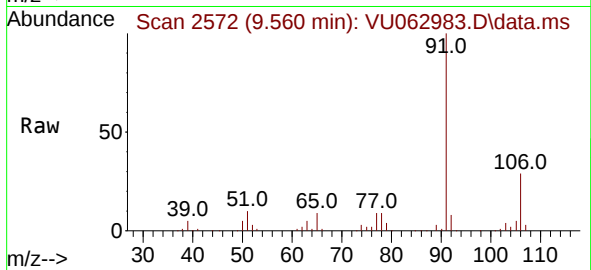




#52
Ethylbenzene
Concen: 4.364 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

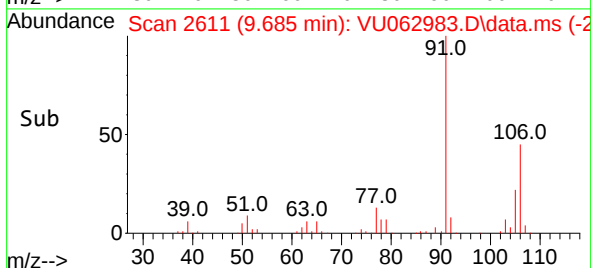
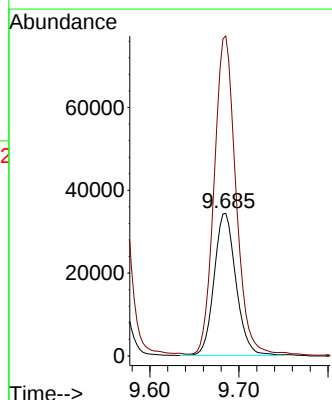
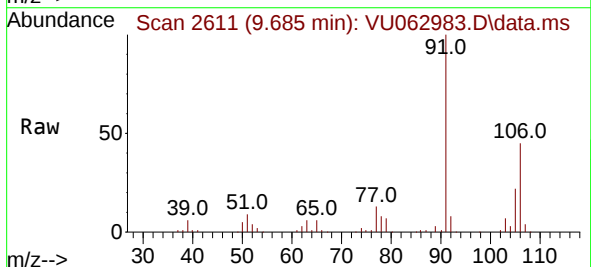
Instrument :
MSVOA_U
ClientSampleId :

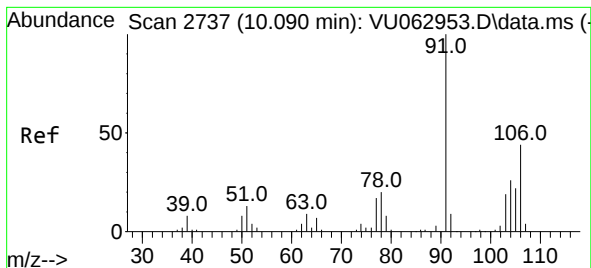
Tgt Ion: 91 Resp: 158097
Ion Ratio Lower Upper
91 100
106 29.2 21.9 40.7



#53
m,p-Xylene
Concen: 4.303 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

Tgt Ion:106 Resp: 58303
Ion Ratio Lower Upper
106 100
91 224.4 153.1 284.3





#54

o-Xylene

Concen: 4.407 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

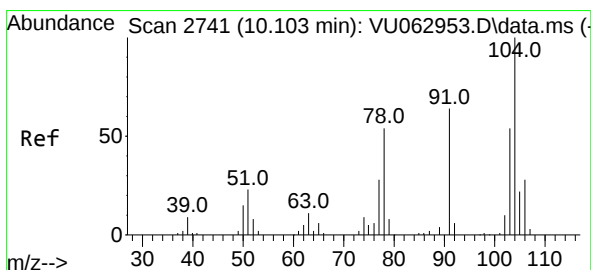
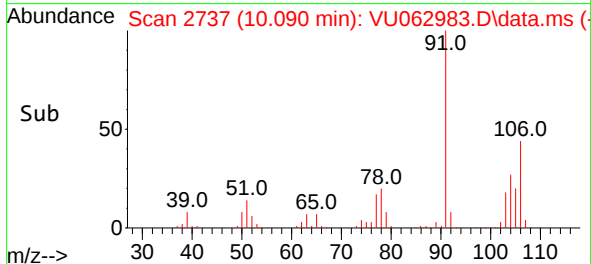
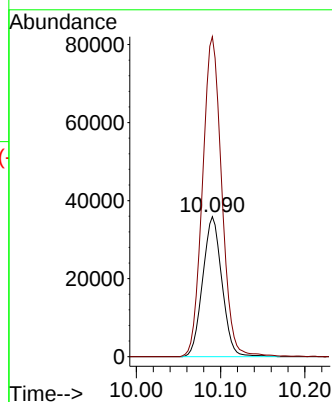
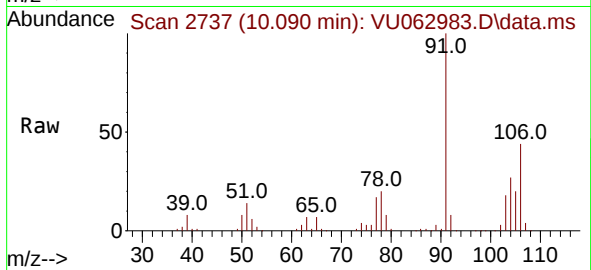
ClientSampleId :

Tgt Ion:106 Resp: 57196

Ion Ratio Lower Upper

106 100

91 228.6 160.4 297.8



#55

Styrene

Concen: 4.493 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.000 min

Lab File: VU062983.D

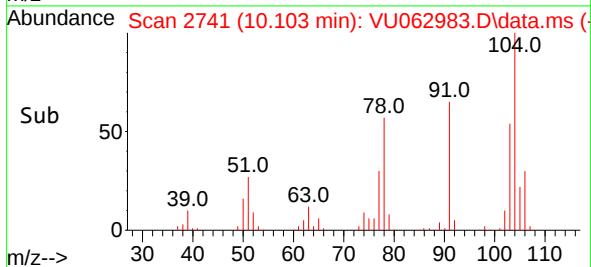
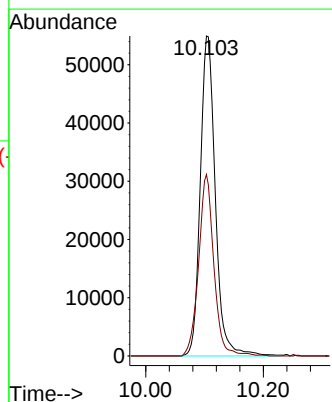
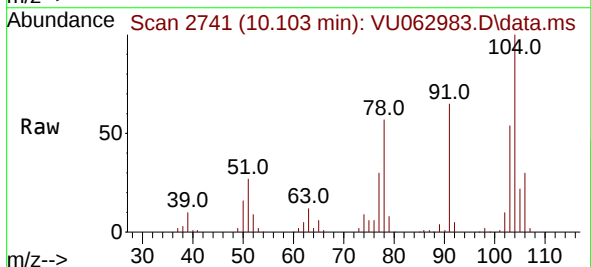
Acq: 24 Jan 2025 09:32

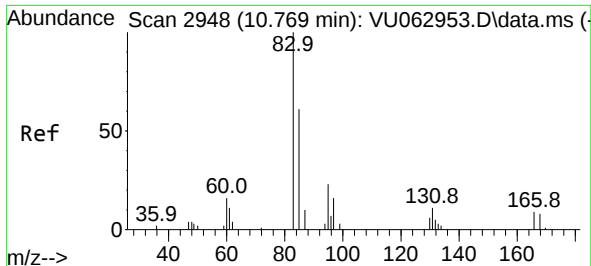
Tgt Ion:104 Resp: 97532

Ion Ratio Lower Upper

104 100

78 56.7 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.837 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

ClientSampleId :

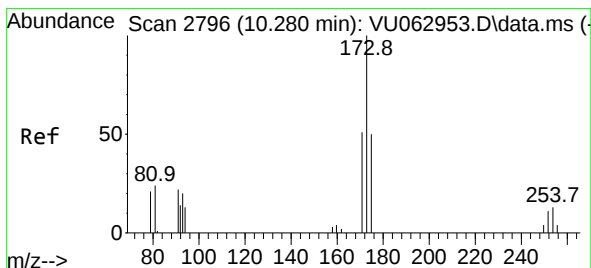
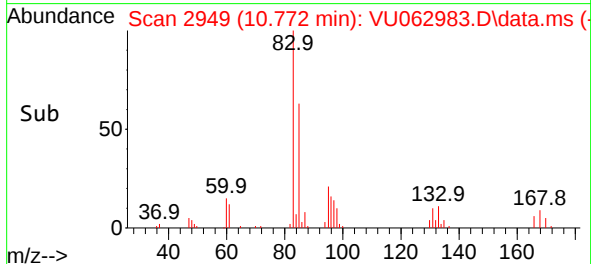
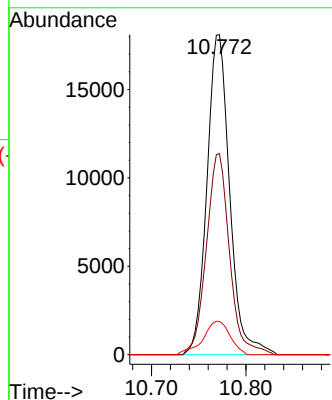
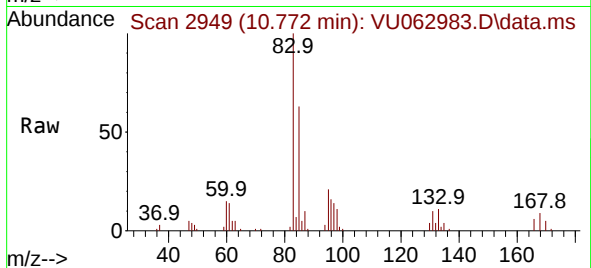
Tgt Ion: 83 Resp: 30286

Ion Ratio Lower Upper

83 100

85 62.9 43.0 79.8

131 10.3 7.4 11.0



#59

Bromoform

Concen: 4.404 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

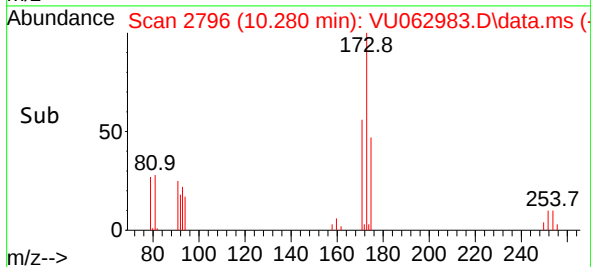
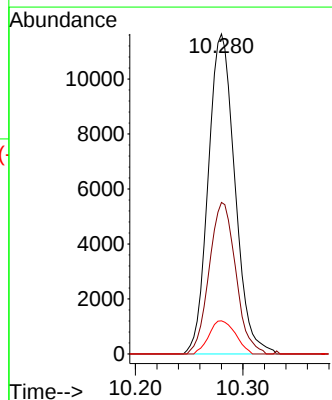
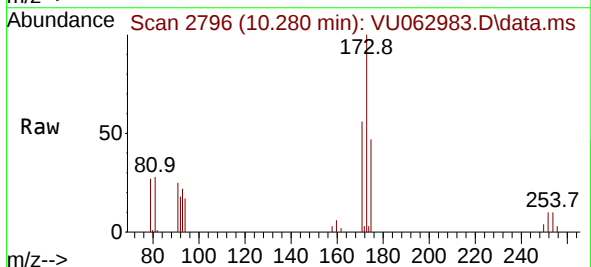
Tgt Ion:173 Resp: 20018

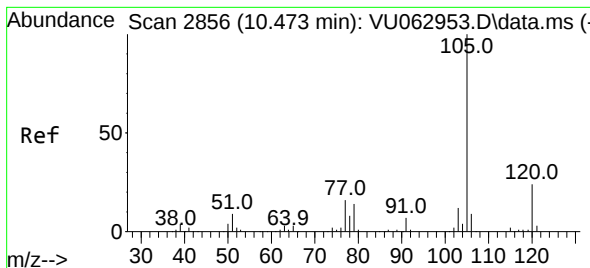
Ion Ratio Lower Upper

173 100

175 47.1 39.8 59.8

254 10.3 8.6 12.8





#60

Isopropylbenzene

Concen: 4.454 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

ClientSampleId :

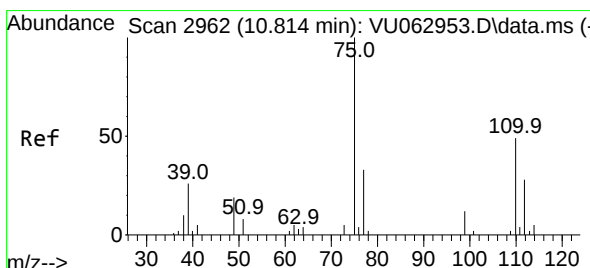
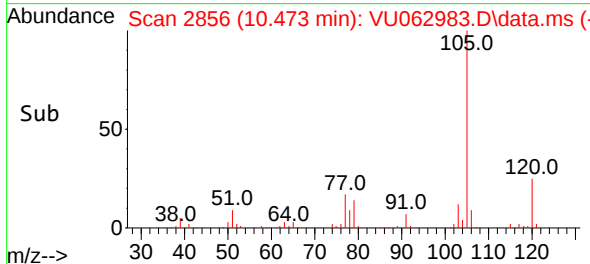
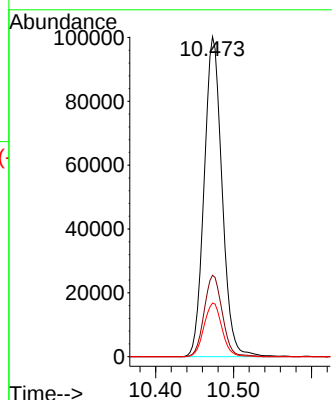
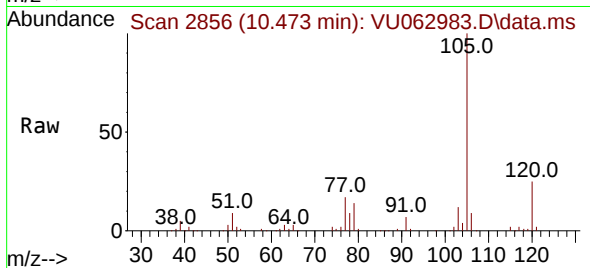
Tgt Ion:105 Resp: 159938

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.2

77 16.8 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.055 ug/L

RT: 10.810 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

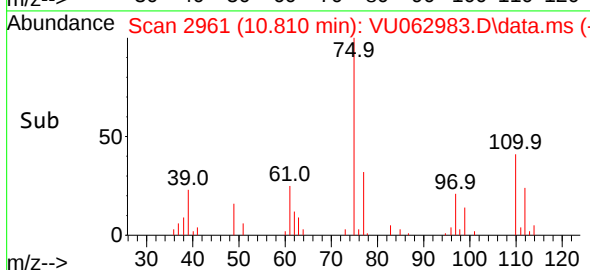
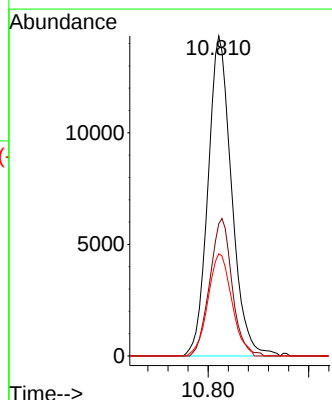
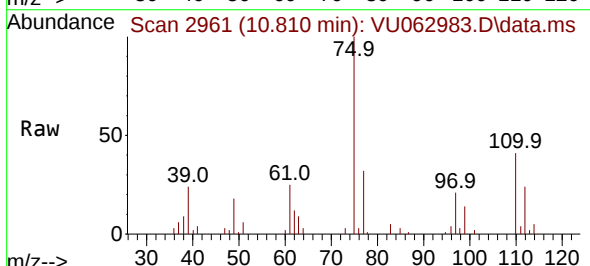
Tgt Ion: 75 Resp: 23367

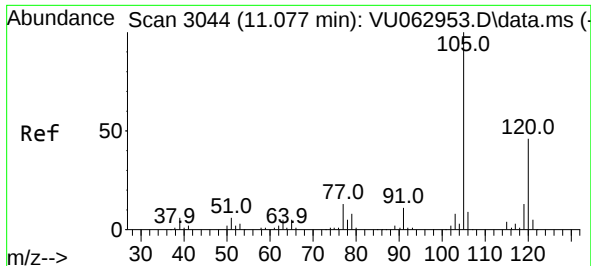
Ion Ratio Lower Upper

75 100

110 40.5 33.2 49.8

77 32.3 25.9 38.9

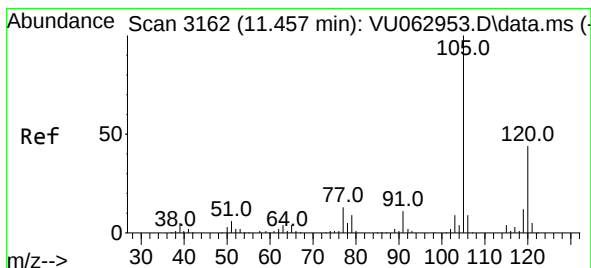
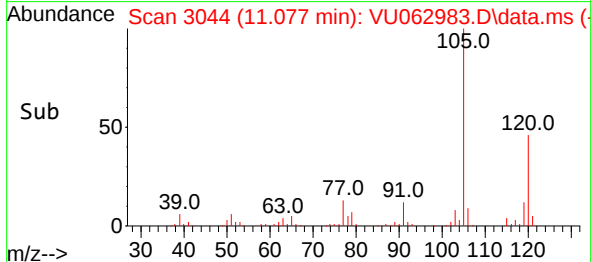
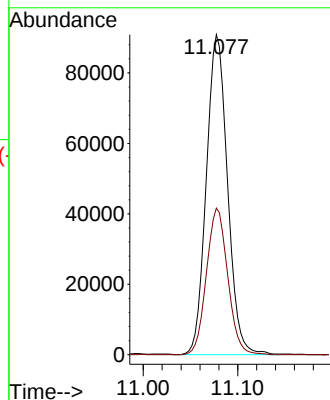
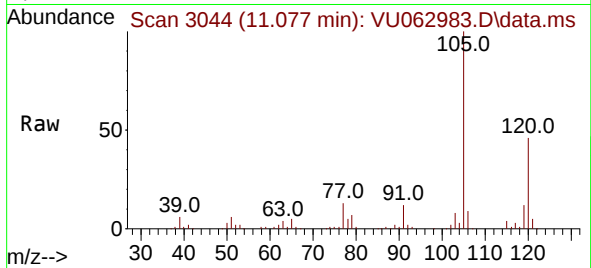




#62
1,3,5-Trimethylbenzene
Concen: 4.642 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

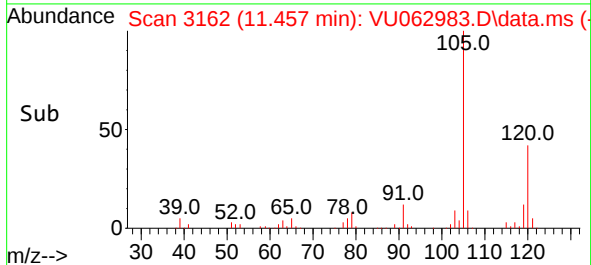
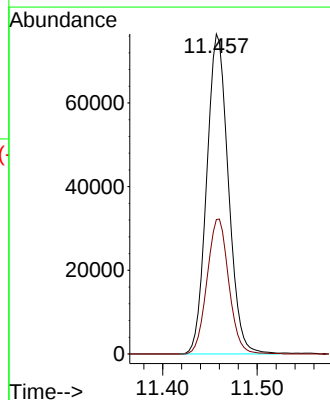
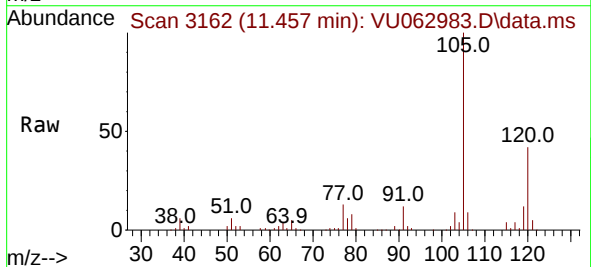
Instrument :
MSVOA_U
ClientSampleId :

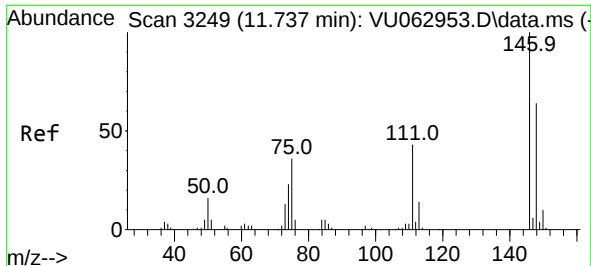
Tgt Ion:105 Resp: 141698
Ion Ratio Lower Upper
105 100
120 45.9 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.124 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

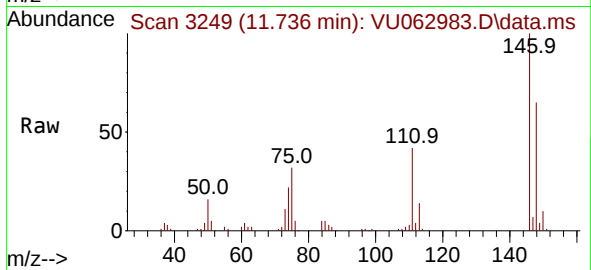
Tgt Ion:105 Resp: 121775
Ion Ratio Lower Upper
105 100
120 42.3 34.2 51.2



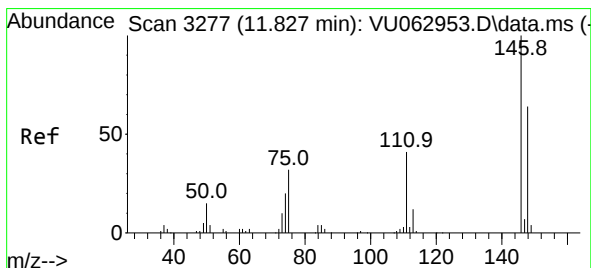
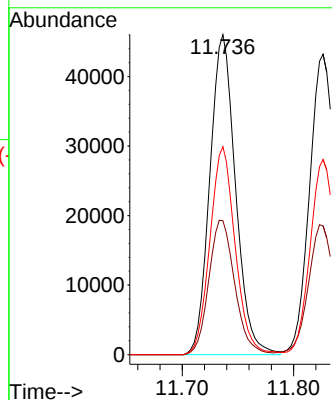
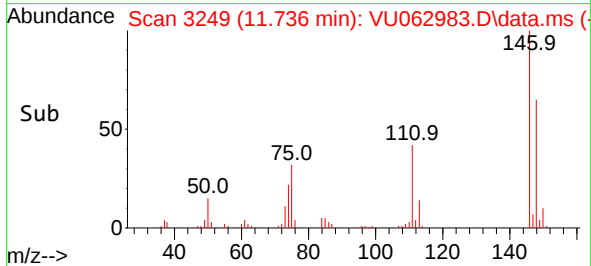


#64
1,3-Dichlorobenzene
Concen: 4.426 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32

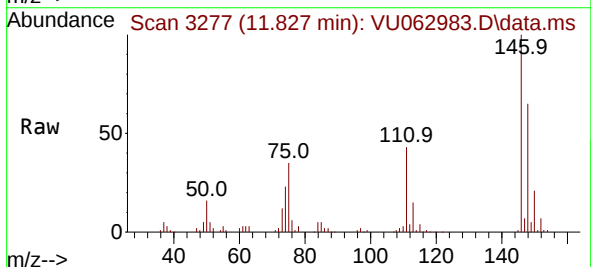
Instrument :
MSVOA_U
ClientSampleId :



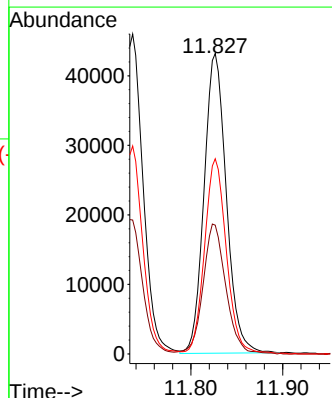
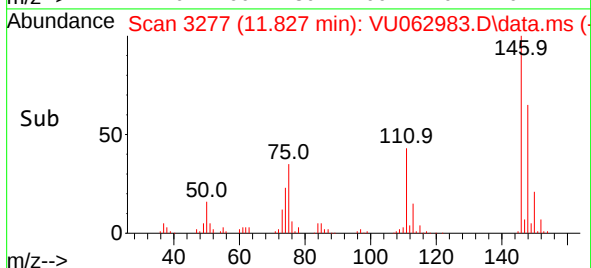
Tgt Ion:146 Resp: 73682
Ion Ratio Lower Upper
146 100
111 41.9 28.6 53.0
148 65.0 44.0 81.6

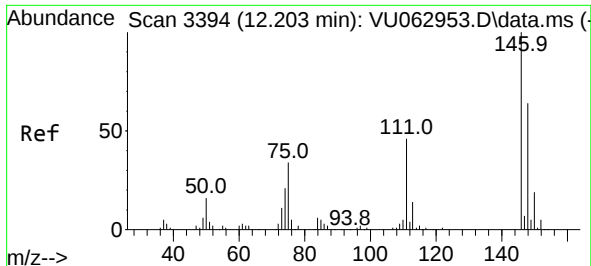


#65
1,4-Dichlorobenzene
Concen: 4.334 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062983.D
Acq: 24 Jan 2025 09:32



Tgt Ion:146 Resp: 72767
Ion Ratio Lower Upper
146 100
111 42.9 29.5 54.9
148 65.0 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.622 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

ClientSampleId :

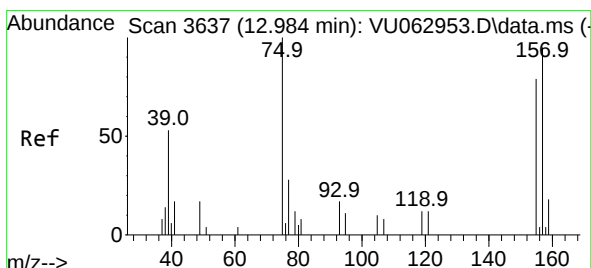
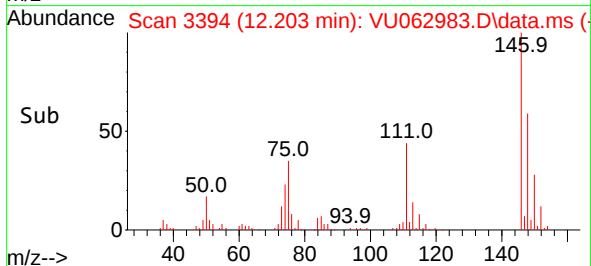
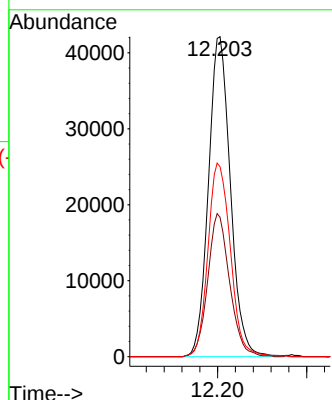
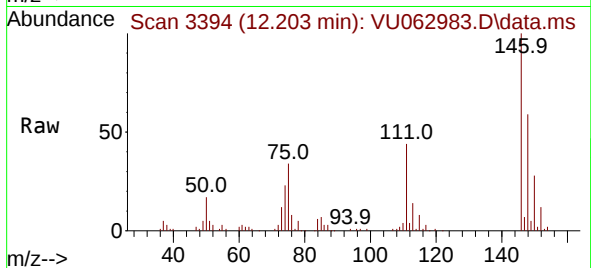
Tgt Ion:146 Resp: 72120

Ion Ratio Lower Upper

146 100

111 43.5 36.3 54.5

148 59.3 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.505 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

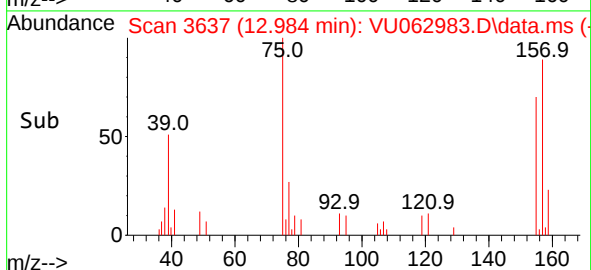
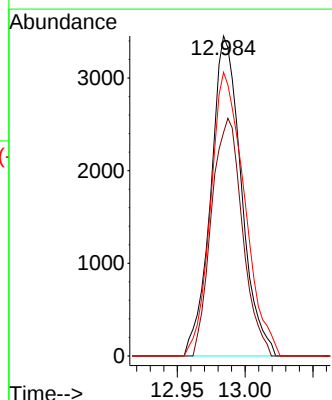
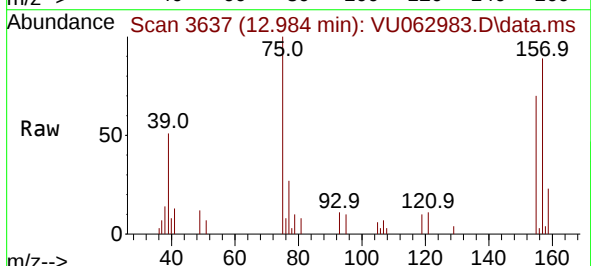
Tgt Ion: 75 Resp: 5394

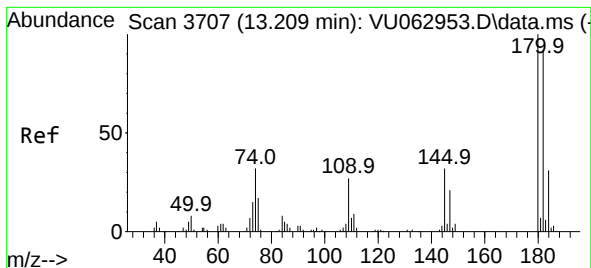
Ion Ratio Lower Upper

75 100

155 69.9 59.6 89.4

157 88.7 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 4.102 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

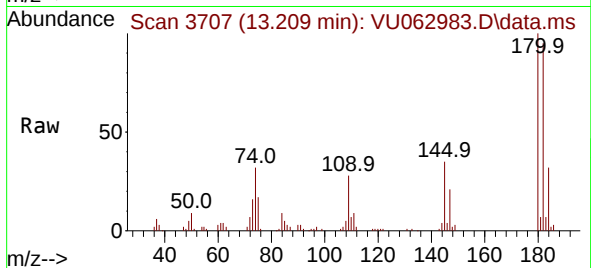
Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 51428

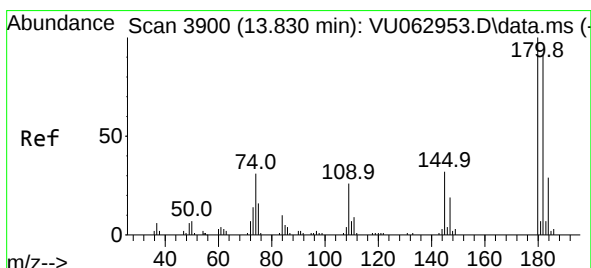
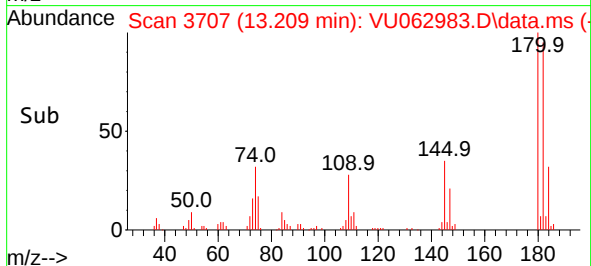
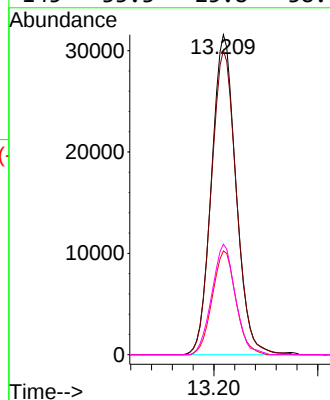
Ion Ratio Lower Upper

180 100

182 97.5 75.8 113.8

184 31.3 24.7 37.1

145 33.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 3.814 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

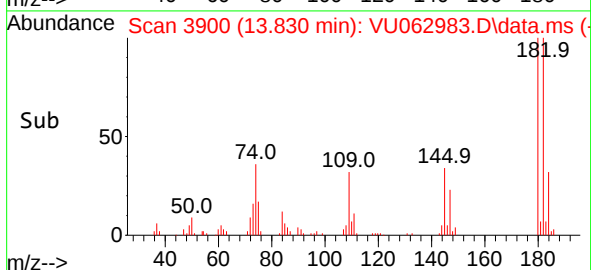
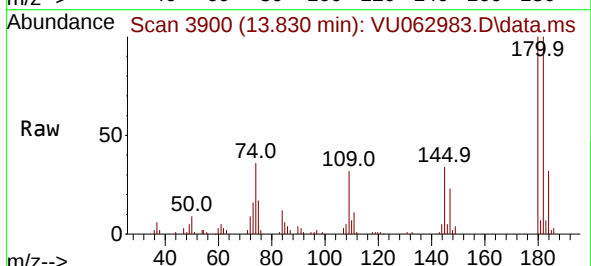
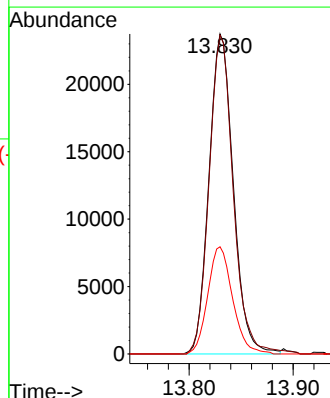
Tgt Ion:180 Resp: 38519

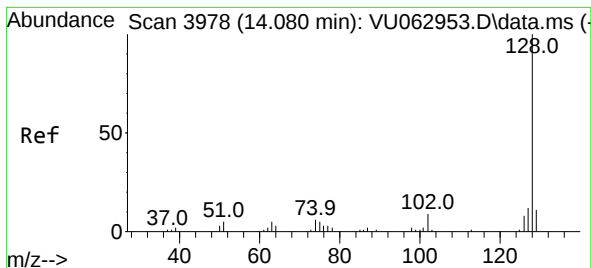
Ion Ratio Lower Upper

180 100

182 99.2 77.1 115.7

145 34.3 26.9 40.3





#71

Naphthalene

Concen: 3.664 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Instrument :

MSVOA_U

ClientSampleId :

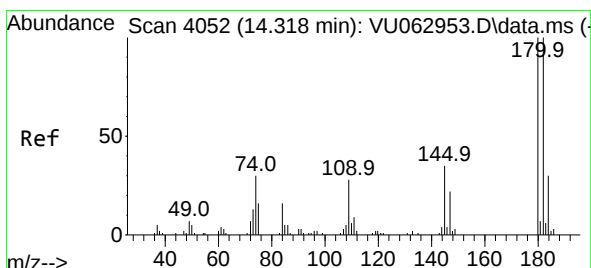
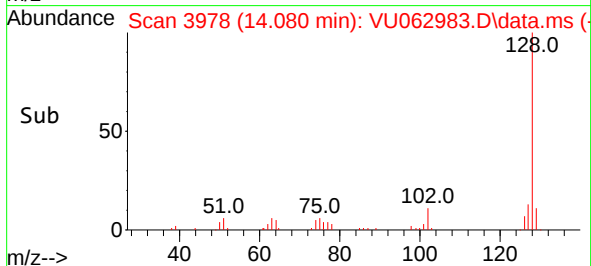
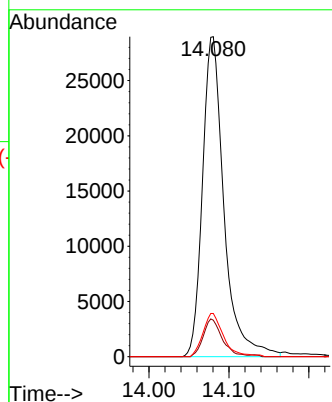
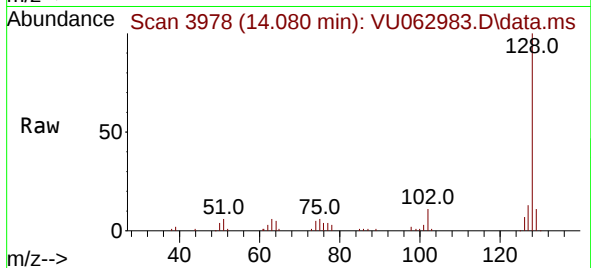
Tgt Ion:128 Resp: 54143

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 12.9 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.119 ug/L

RT: 14.318 min Scan# 4052

Delta R.T. -0.000 min

Lab File: VU062983.D

Acq: 24 Jan 2025 09:32

Tgt Ion:180 Resp: 36263

Ion Ratio Lower Upper

180 100

182 91.9 79.8 119.6

145 33.5 29.2 43.8

