

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
 Data File : VU063083.D
 Acq On : 29 Jan 2025 09:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 07:29:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11343	3.265	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.200%	
7) Chloroethane-d5	1.904	69	10286	3.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.557	65	8669	4.172	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.400%	
20) 2-Butanone-d5	4.608	46	42297	41.947	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.900%	
24) Chloroform-d	5.049	84	59860	4.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.689	65	34304	4.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
32) Benzene-d6	5.714	84	85996	3.980	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.600%	
36) 1,2-Dichloropropane-d6	6.679	67	22246	4.044	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.888	98	91385	4.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.171	79	14155	4.156	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.621	63	40250	47.367	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.740%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23791	4.555	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.000%	
66) 1,2-Dichlorobenzene-d4	12.184	152	44052	4.357	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	38923	4.496	ug/L	98
3) Chloromethane	1.515	50	15581	3.742	ug/L	99
5) Vinyl chloride	1.599	62	18210	3.917	ug/L	94
6) Bromomethane	1.846	94	8989	4.041	ug/L	99
8) Chloroethane	1.924	64	11909	5.073	ug/L	90
9) Trichlorofluoromethane	2.129	101	54947	4.675	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	28484	4.925	ug/L #	87
12) 1,1-Dichloroethene	2.570	96	25052	4.990	ug/L	86
13) Acetone	2.612	43	30191	46.305	ug/L	94
14) Carbon disulfide	2.782	76	62794	4.882	ug/L	98
15) Methyl Acetate	2.940	43	6225	4.971	ug/L	95
16) Methylene chloride	3.033	84	25658	4.848	ug/L	87
17) Methyl tert-butyl Ether	3.348	73	73571	4.892	ug/L	95
18) trans-1,2-Dichloroethene	3.345	96	26436	4.920	ug/L	88
19) 1,1-Dichloroethane	3.856	63	43416	4.662	ug/L	94
21) 2-Butanone	4.685	43	39213	44.096	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	31206	4.860	ug/L	89
23) Bromochloromethane	4.959	128	16867	5.234	ug/L #	79
25) Chloroform	5.075	83	63890	4.748	ug/L	99

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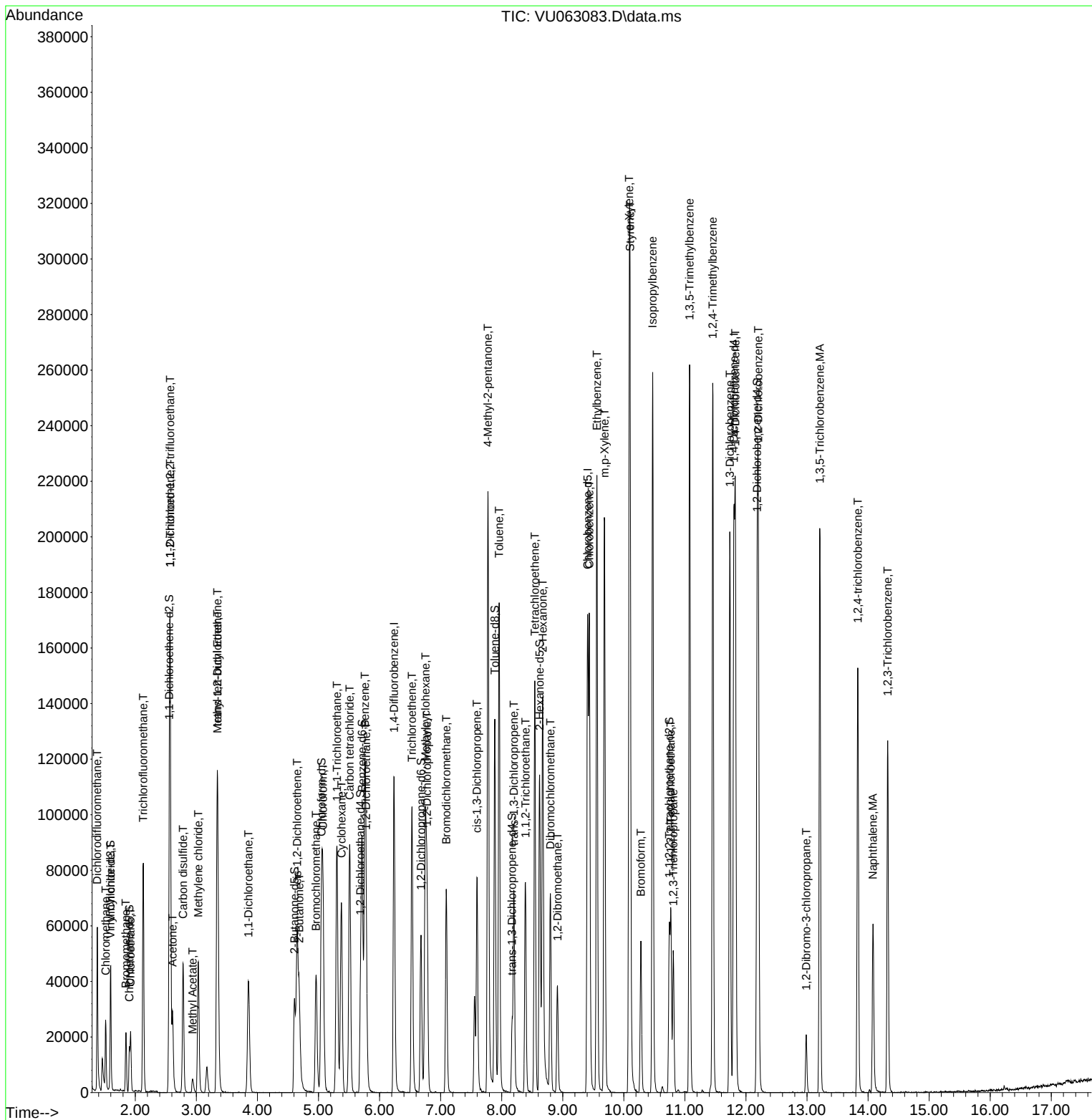
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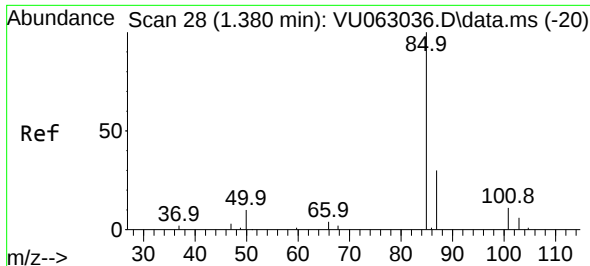
Quant Time: Jan 30 07:29:31 2025
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	44554	4.724	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	69623	4.749	ug/L	97
30) Cyclohexane	5.377	56	29472	4.316	ug/L #	79
31) Carbon tetrachloride	5.512	117	65503	4.641	ug/L	100
33) Benzene	5.759	78	100905	4.405	ug/L	100
34) Trichloroethene	6.531	95	34667	4.454	ug/L	91
35) Methylcyclohexane	6.753	83	41729	4.255	ug/L	93
37) 1,2-Dichloropropane	6.779	63	21449	4.164	ug/L	97
38) Bromodichloromethane	7.094	83	47224	4.575	ug/L	96
39) cis-1,3-Dichloropropene	7.595	75	43406	4.475	ug/L	97
40) 4-Methyl-2-pentanone	7.775	43	113358	45.613	ug/L #	96
42) Toluene	7.959	91	128376	4.715	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	40985	4.587	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	24125	4.976	ug/L	92
47) Tetrachloroethene	8.544	164	34532	5.101	ug/L	91
48) 2-Hexanone	8.672	43	79021	45.841	ug/L #	95
49) Dibromochloromethane	8.798	129	36788	4.862	ug/L	95
50) 1,2-Dibromoethane	8.914	107	25226	5.150	ug/L #	100
51) Chlorobenzene	9.434	112	92762	4.914	ug/L	93
52) Ethylbenzene	9.560	91	158770	5.004	ug/L	99
53) m,p-Xylene	9.685	106	59679	4.870	ug/L	98
54) o-Xylene	10.090	106	57163	5.092	ug/L	99
55) Styrene	10.103	104	100784	5.311	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	25706	4.739	ug/L #	91
59) Bromoform	10.280	173	26020	4.848	ug/L	98
60) Isopropylbenzene	10.473	105	169940	4.748	ug/L	98
61) 1,2,3-Trichloropropane	10.811	75	19585	4.309	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	149834	4.775	ug/L	97
63) 1,2,4-Trimethylbenzene	11.457	105	148302	4.997	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	87859	4.835	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	86259	4.732	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	81712	4.780	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5750	4.784	ug/L	87
69) 1,3,5-Trichlorobenzene	13.209	180	69560	4.792	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	51158	4.503	ug/L	97
71) Naphthalene	14.081	128	56726	3.891	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	41586	4.237	ug/L	96

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

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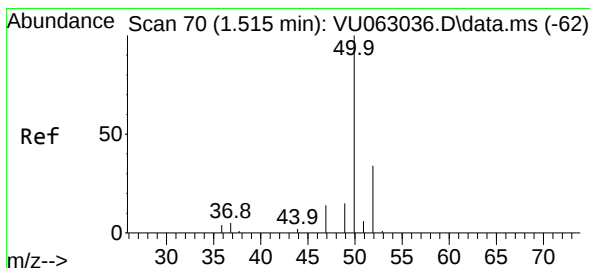
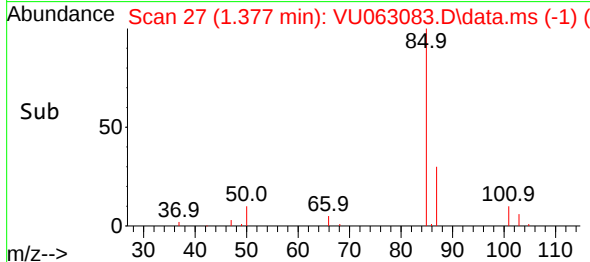
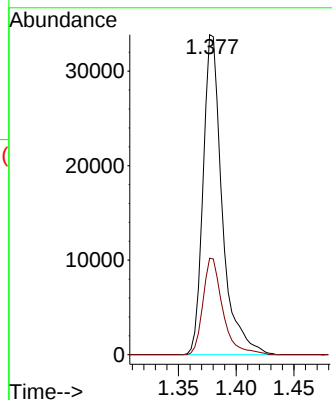
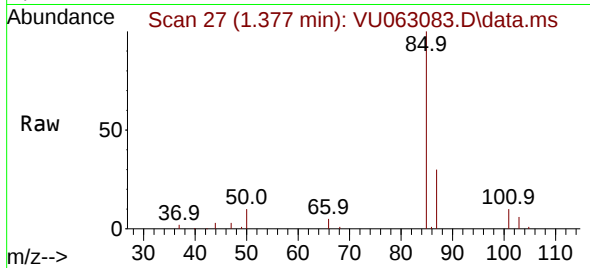




#2
 Dichlorodifluoromethane
 Concen: 4.496 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU063083.D
 Acq: 29 Jan 2025 09:02

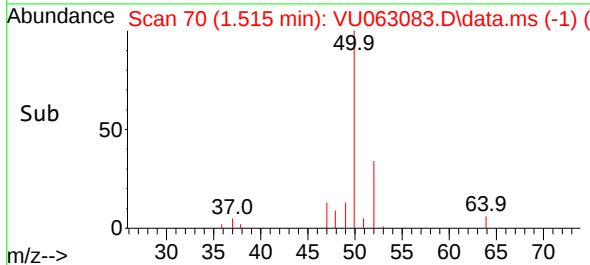
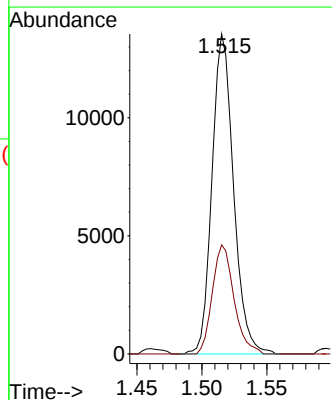
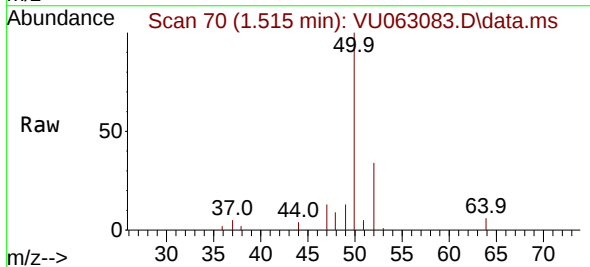
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 MSVOA_U
 ClientSampleId :

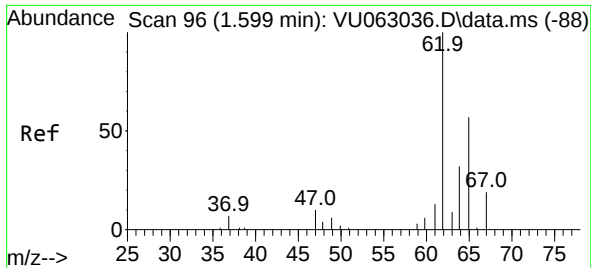
Tgt Ion: 85 Resp: 38923
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.1 39.1



#3
 Chloromethane
 Concen: 3.742 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU063083.D
 Acq: 29 Jan 2025 09:02

Tgt Ion: 50 Resp: 15581
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.1 44.7

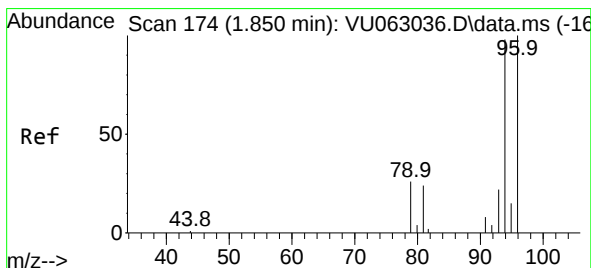
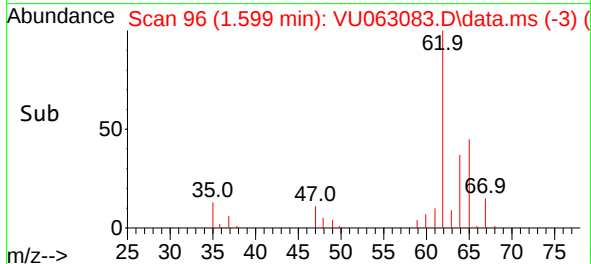
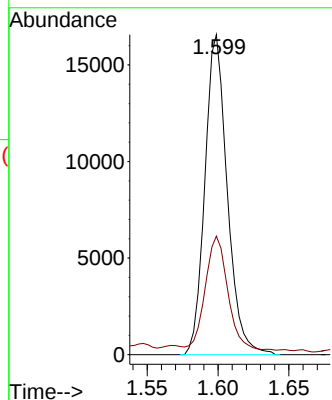
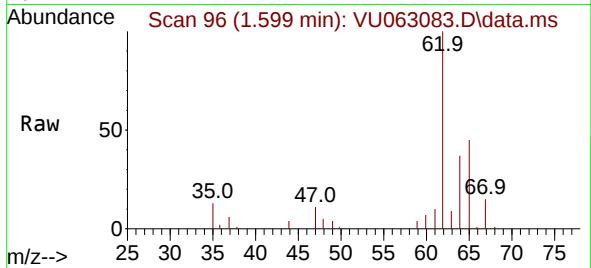




#5
 Vinyl chloride
 Concen: 3.917 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU063083.D
 Acq: 29 Jan 2025 09:02

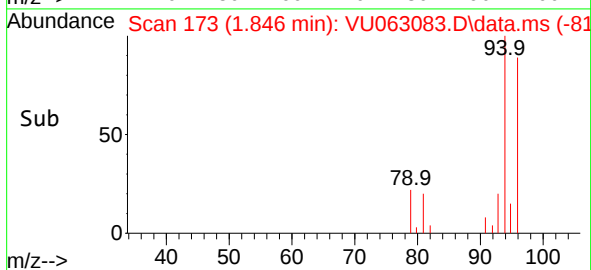
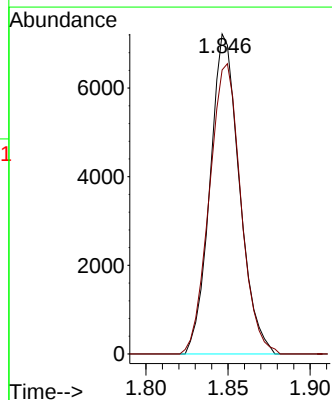
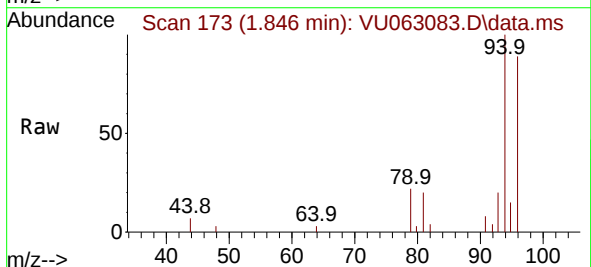
Instrument :
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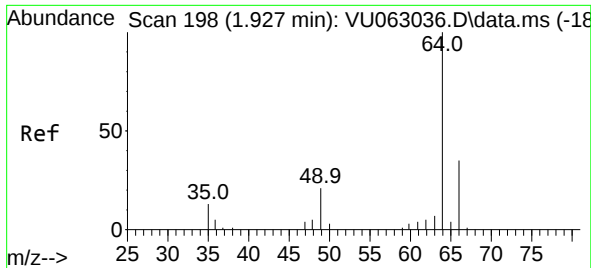
Tgt Ion: 62 Resp: 18210
 Ion Ratio Lower Upper
 62 100
 64 37.0 23.4 43.4



#6
 Bromomethane
 Concen: 4.041 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. -0.003 min
 Lab File: VU063083.D
 Acq: 29 Jan 2025 09:02

Tgt Ion: 94 Resp: 8989
 Ion Ratio Lower Upper
 94 100
 96 88.8 62.9 116.7

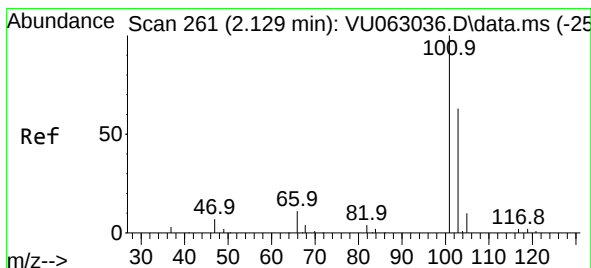
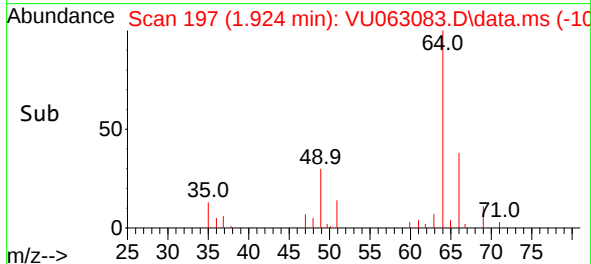
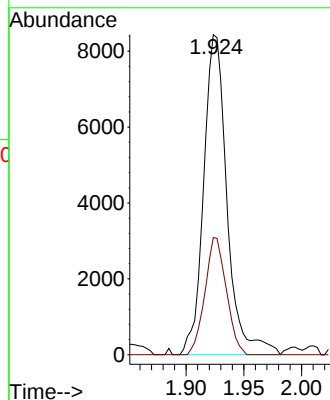
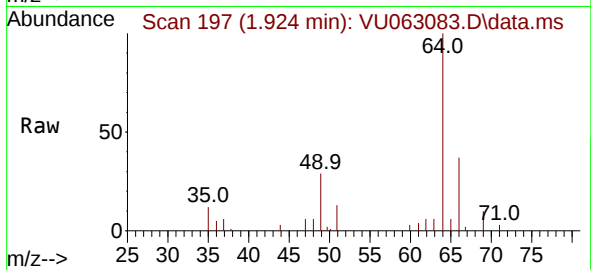




#8
Chloroethane
Concen: 5.073 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

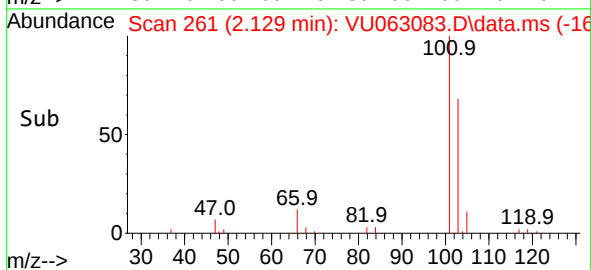
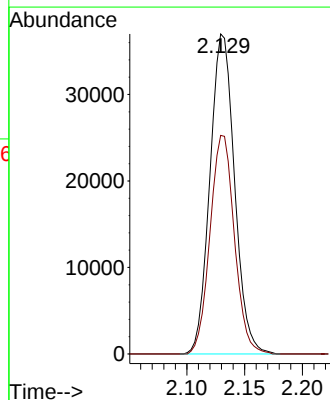
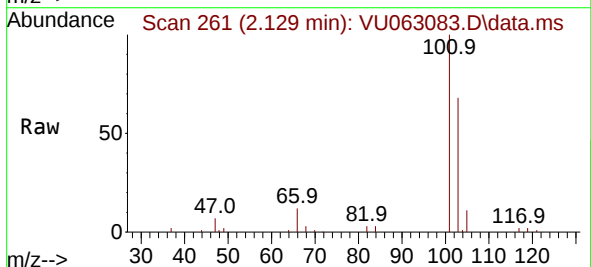
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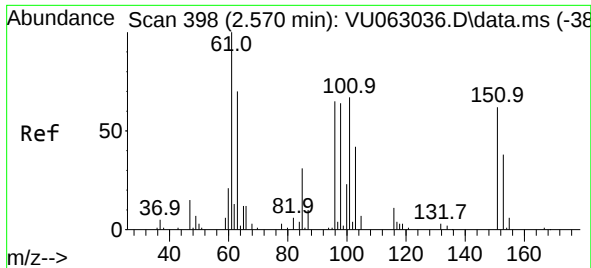
Tgt Ion: 64 Resp: 11909
Ion Ratio Lower Upper
64 100
66 36.6 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.675 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion:101 Resp: 54947
Ion Ratio Lower Upper
101 100
103 67.5 51.4 77.0

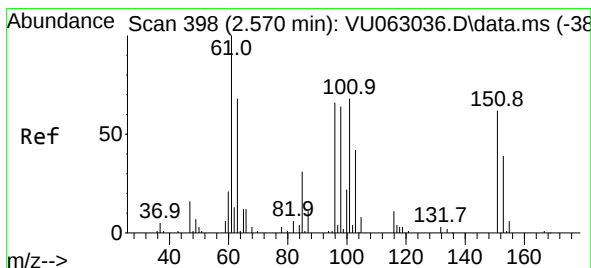
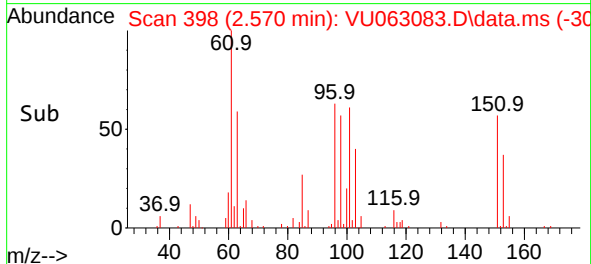
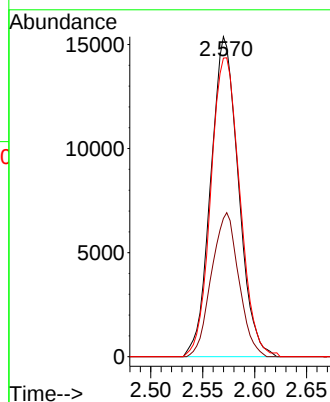
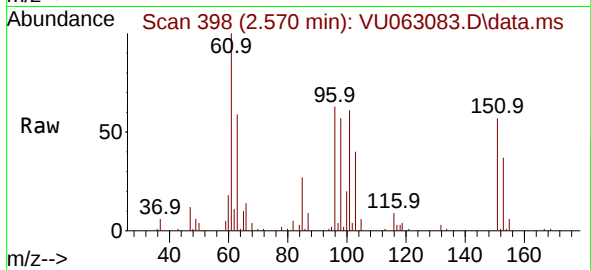




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.925 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

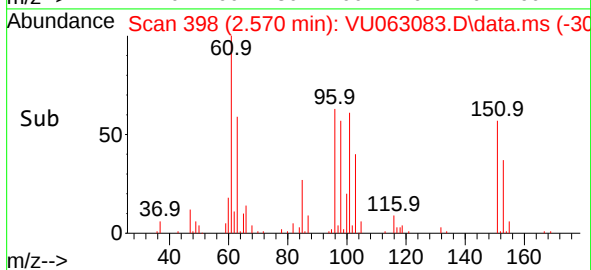
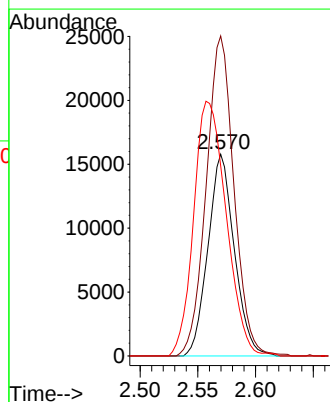
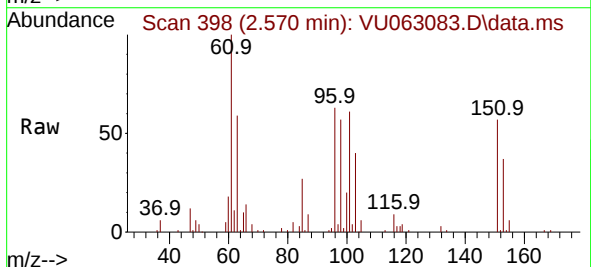
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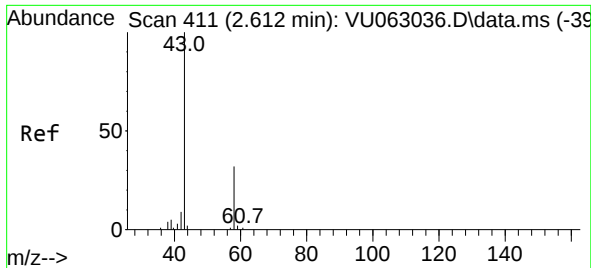
Tgt Ion: 101 Resp: 28484
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 97.7 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 4.990 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion: 96 Resp: 25052
Ion Ratio Lower Upper
96 100
61 158.6 120.4 223.6
63 94.3 82.3 152.9





#13

Acetone

Concen: 46.305 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Instrument :

MSVOA_U

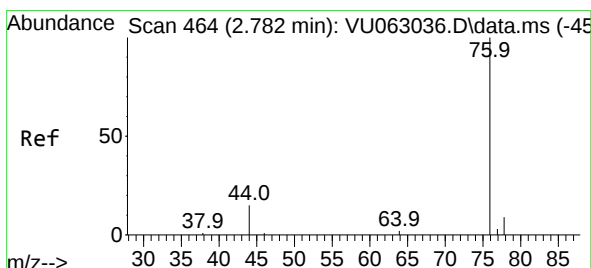
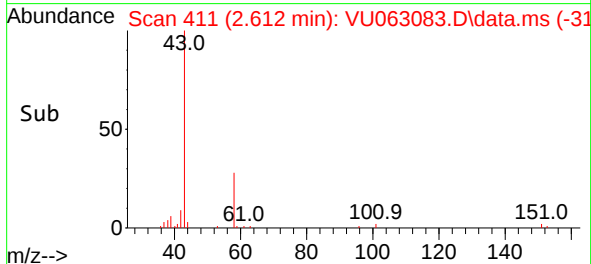
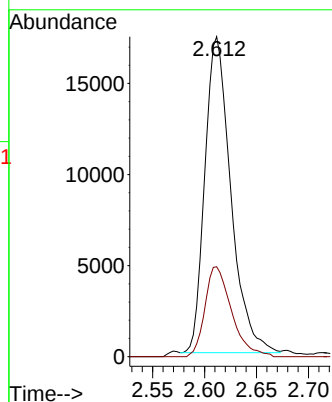
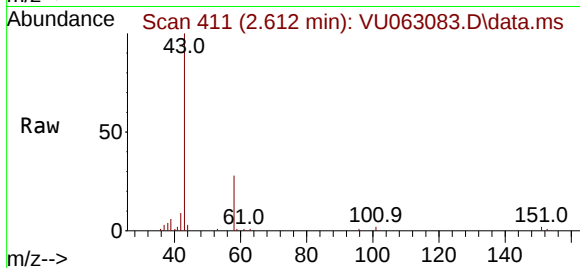
ClientSampleId :

Tgt Ion: 43 Resp: 30191

Ion Ratio Lower Upper

43 100

58 29.0 0.0 64.4



#14

Carbon disulfide

Concen: 4.882 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063083.D

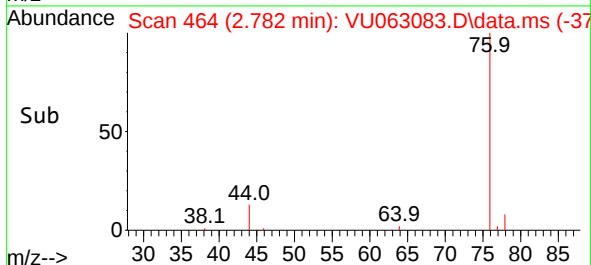
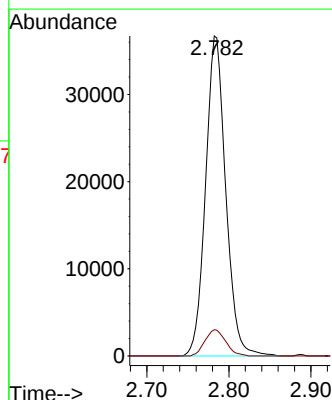
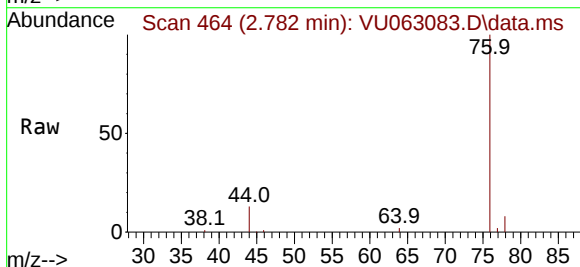
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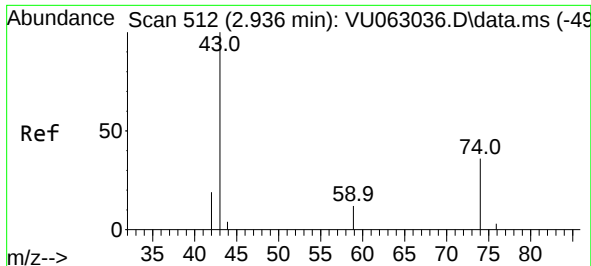
Tgt Ion: 76 Resp: 62794

Ion Ratio Lower Upper

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78 8.2 7.0 10.6

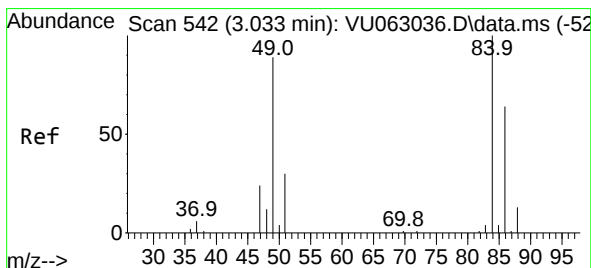
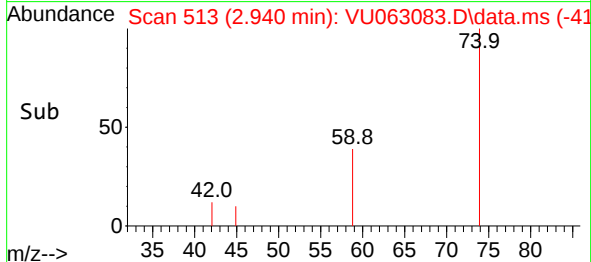
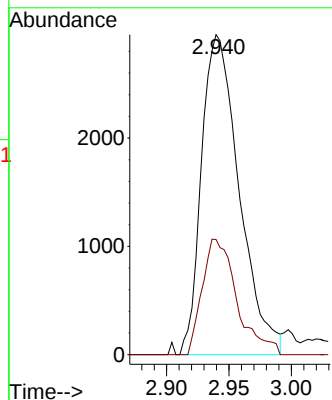
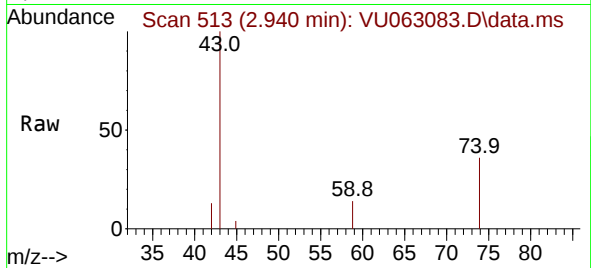




#15
Methyl Acetate
Concen: 4.971 ug/L
RT: 2.940 min Scan# 512
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

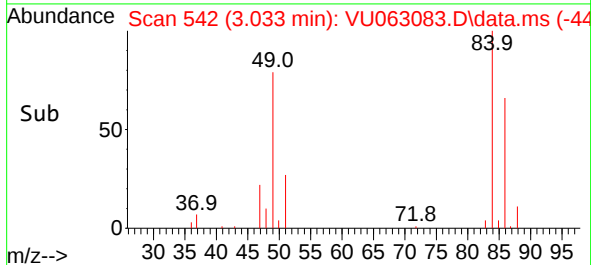
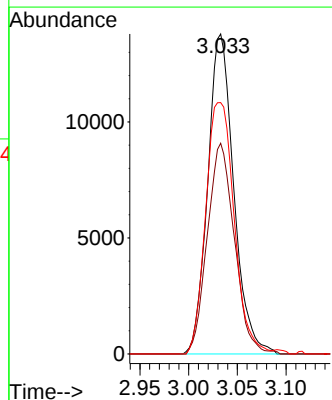
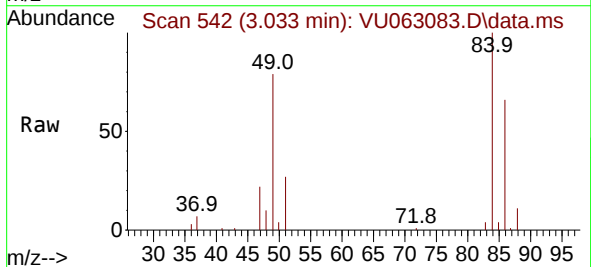
Instrument :
MSVOA_U
ClientSampleId :

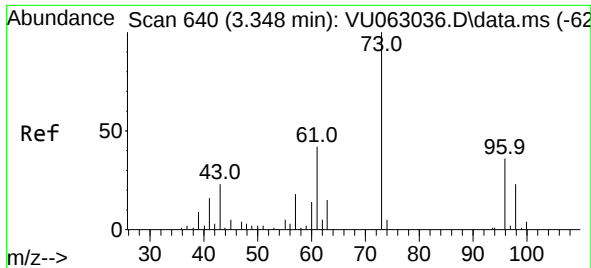
Tgt Ion: 43 Resp: 6225
Ion Ratio Lower Upper
43 100
74 33.2 24.4 36.6



#16
Methylene chloride
Concen: 4.848 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion: 84 Resp: 25658
Ion Ratio Lower Upper
84 100
86 65.9 44.7 83.1
49 78.6 68.3 126.9

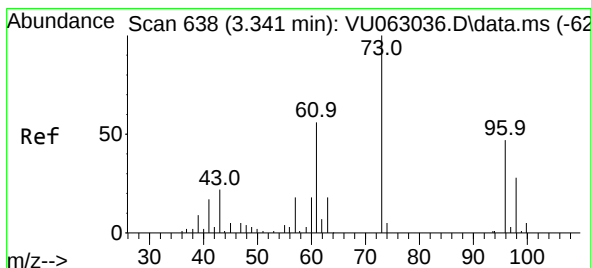
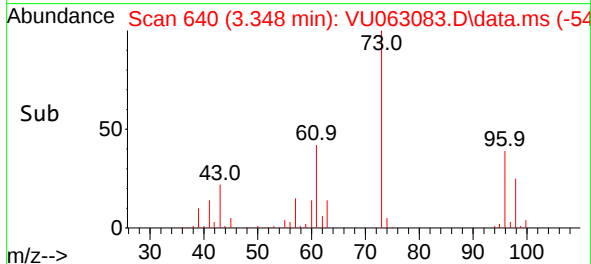
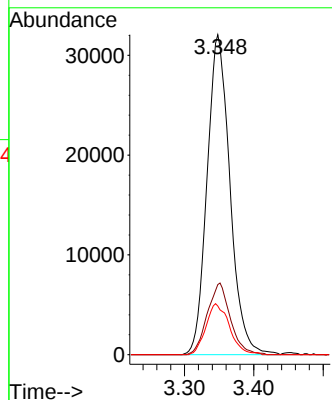
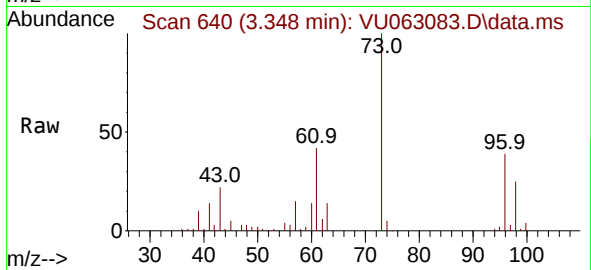




#17
Methyl tert-butyl Ether
Concen: 4.892 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

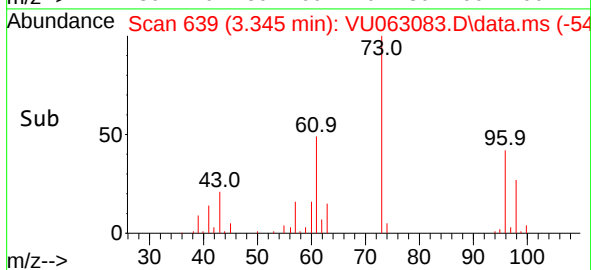
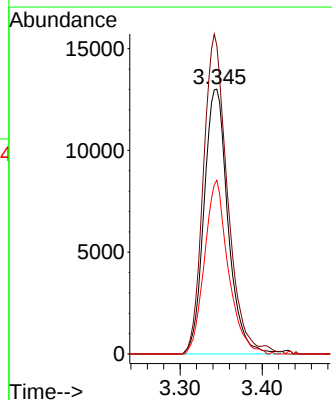
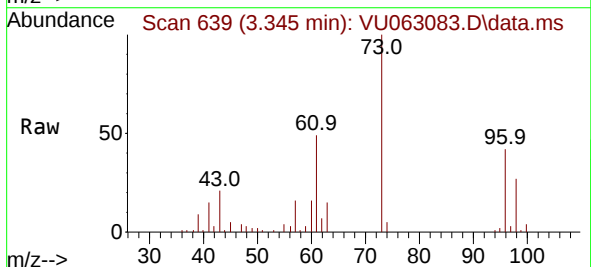
Instrument :
MSVOA_U
ClientSampleId :

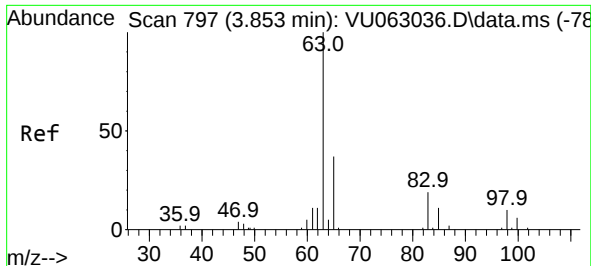
Tgt Ion: 73	Resp: 73571
Ion Ratio	Lower Upper
73 100	
43 22.5	16.2 24.4
57 16.4	14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 4.920 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion: 96	Resp: 26436
Ion Ratio	Lower Upper
96 100	
61 116.5	94.4 175.2
98 65.6	42.8 79.4

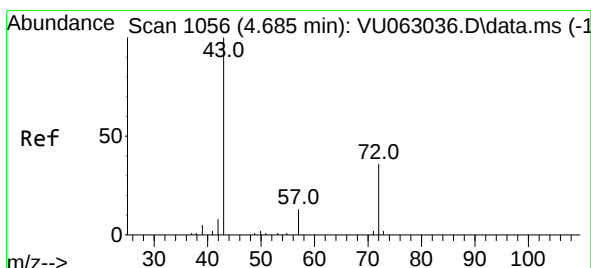
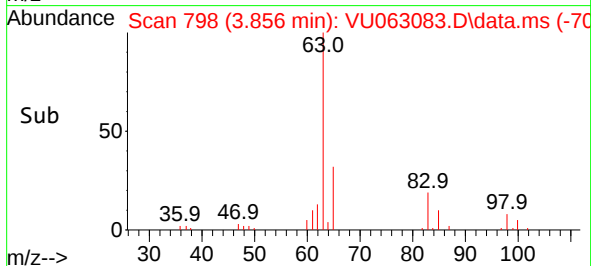
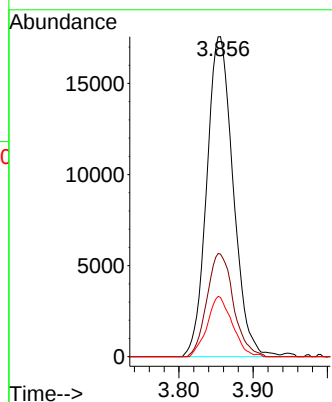
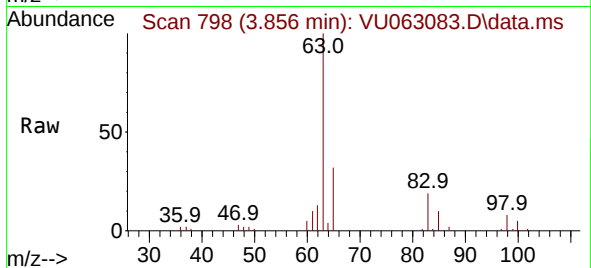




#19
1,1-Dichloroethane
Concen: 4.662 ug/L
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

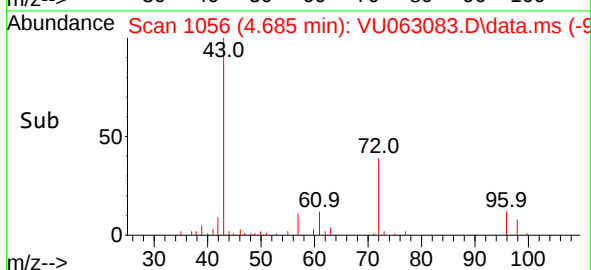
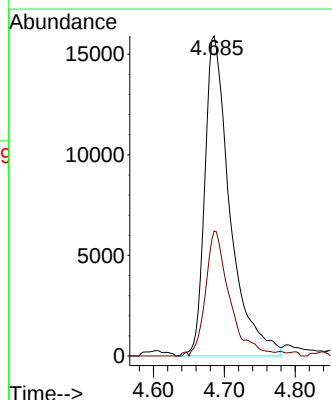
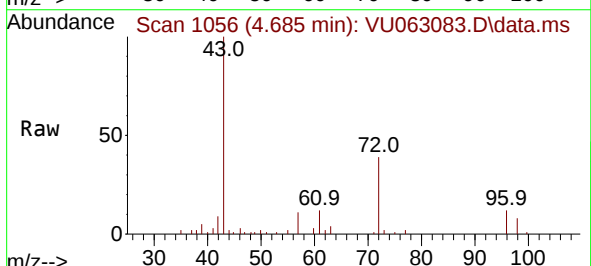
Instrument :
MSVOA_U
ClientSampleId :

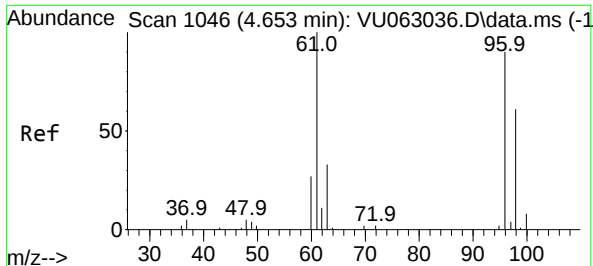
Tgt Ion: 63 Resp: 43416
Ion Ratio Lower Upper
63 100
65 32.1 20.7 38.5
83 18.5 10.5 19.5



#21
2-Butanone
Concen: 44.096 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

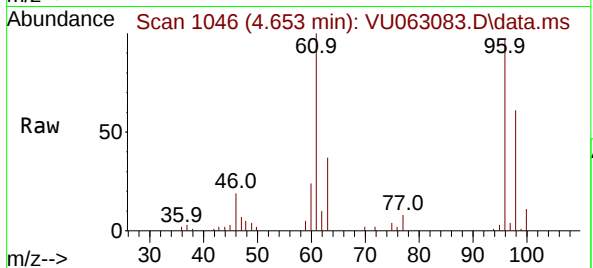
Tgt Ion: 43 Resp: 39213
Ion Ratio Lower Upper
43 100
72 37.1 17.1 51.2





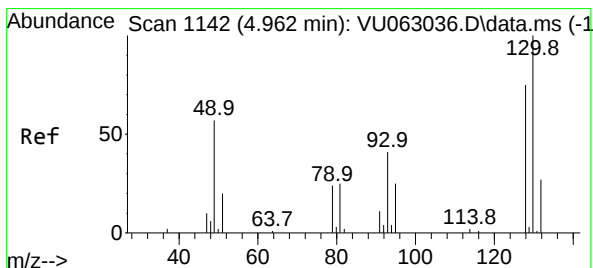
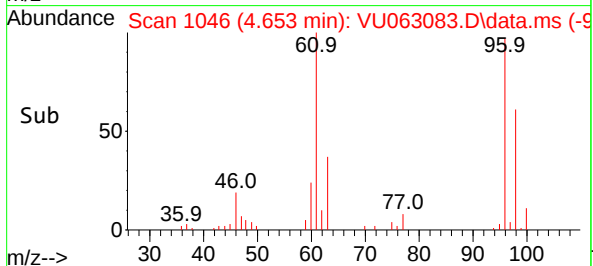
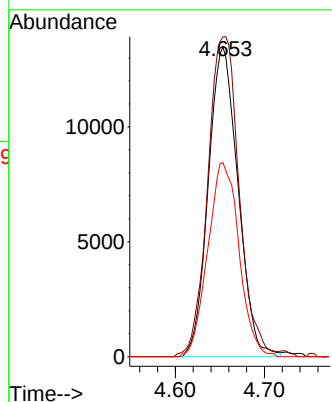
#22
 cis-1,2-Dichloroethene
 Concen: 4.860 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU063083.D
 Acq: 29 Jan 2025 09:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 31206

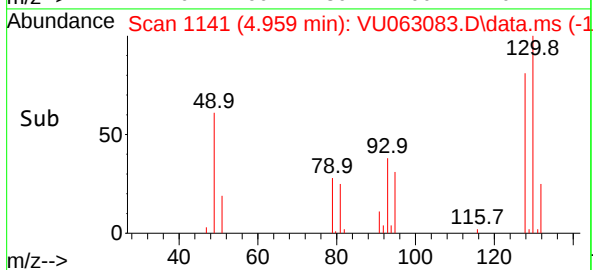
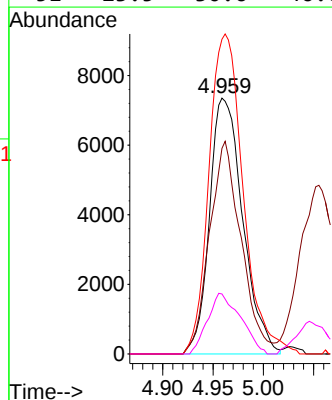
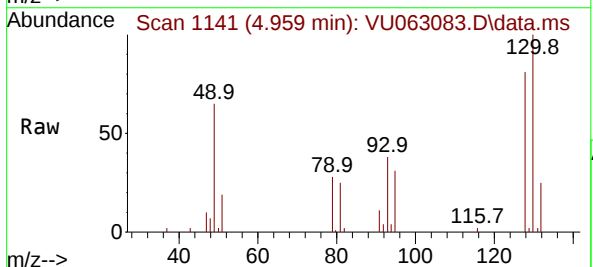
Ion	Ratio	Lower	Upper
96	100		
61	103.2	84.8	157.6
98	62.7	43.1	80.1

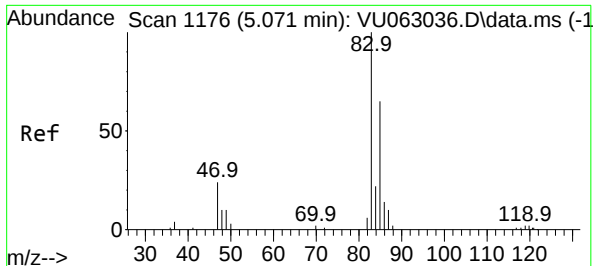


#23
 Bromochloromethane
 Concen: 5.234 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU063083.D
 Acq: 29 Jan 2025 09:02

Tgt Ion: 128 Resp: 16867

Ion	Ratio	Lower	Upper
128	100		
49	80.4	81.1	150.7#
130	123.0	94.9	176.3
51	23.5	30.6	46.0#





#25

Chloroform

Concen: 4.748 ug/L

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Instrument :

MSVOA_U

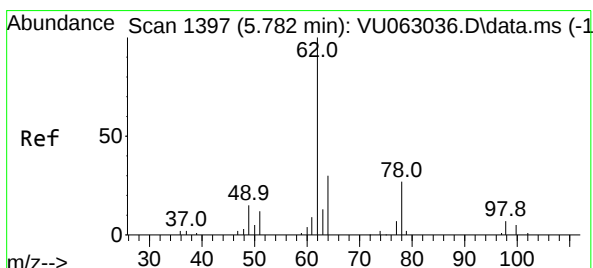
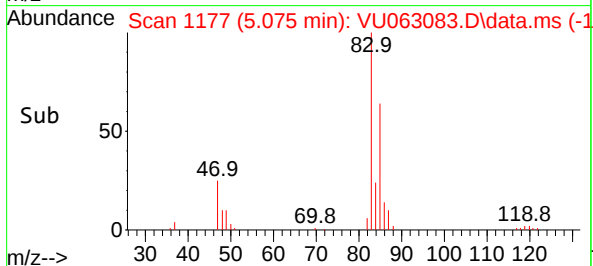
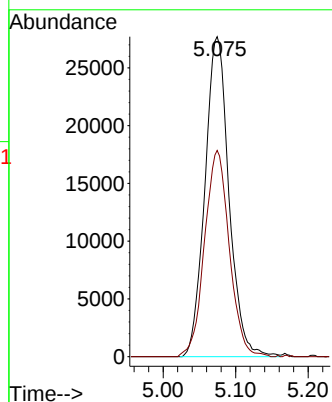
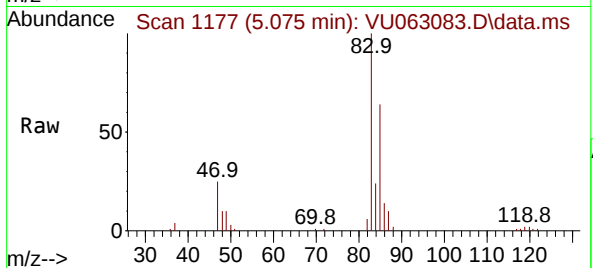
ClientSampleId :

Tgt Ion: 83 Resp: 63890

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.724 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU063083.D

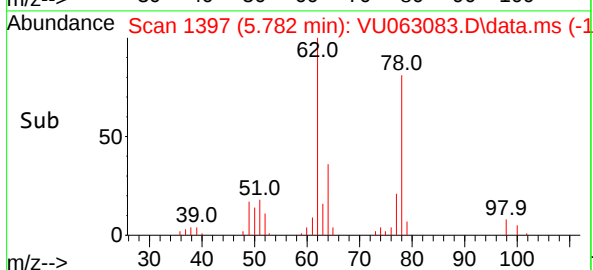
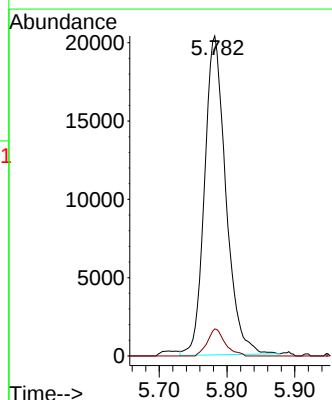
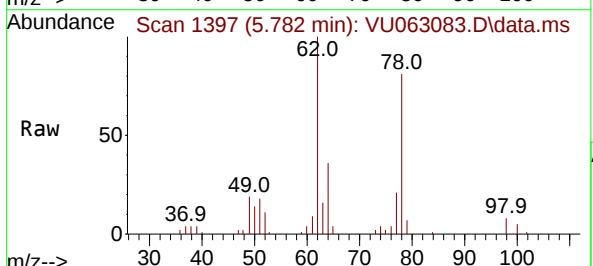
Acq: 29 Jan 2025 09:02

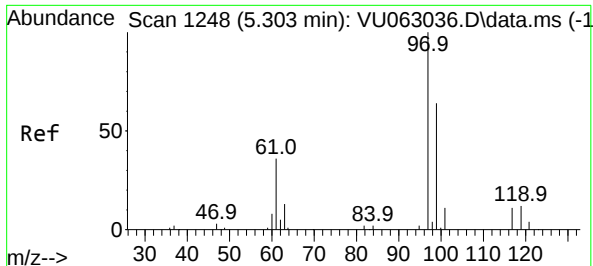
Tgt Ion: 62 Resp: 44554

Ion Ratio Lower Upper

62 100

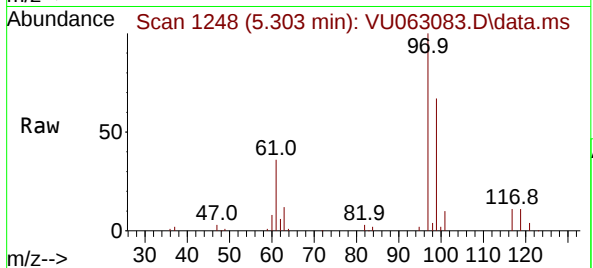
98 8.5 5.8 8.6



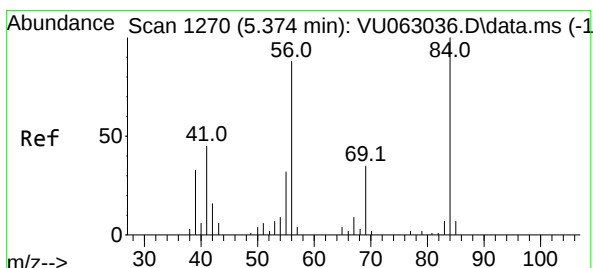
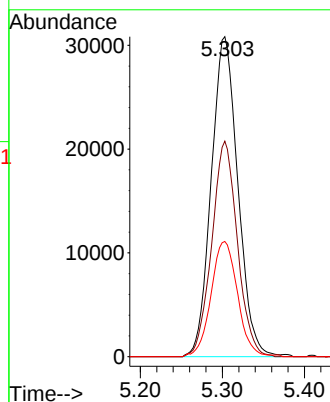
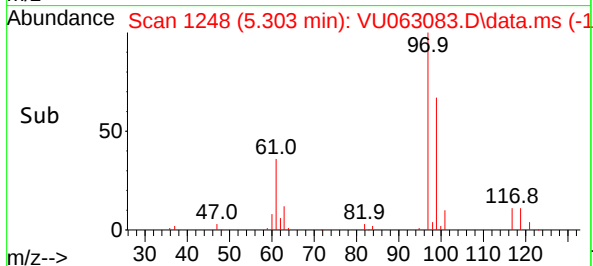


#29
1,1,1-Trichloroethane
Concen: 4.749 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

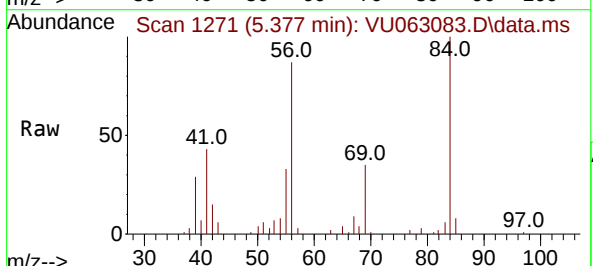
Instrument :
MSVOA_U
ClientSampleId :



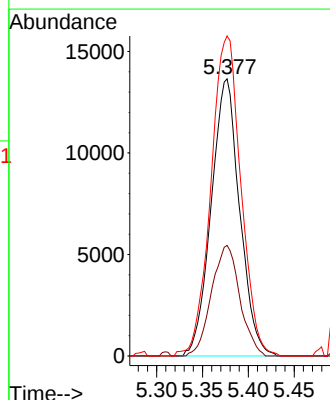
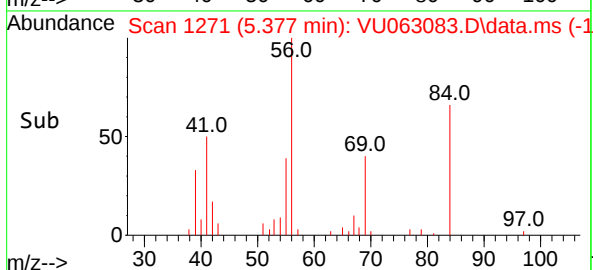
Tgt Ion: 97 Resp: 69623
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 35.8 32.2 48.4

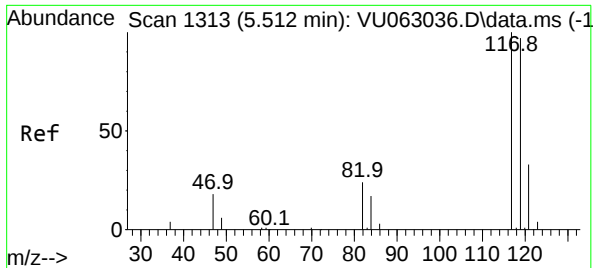


#30
Cyclohexane
Concen: 4.316 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02



Tgt Ion: 56 Resp: 29472
Ion Ratio Lower Upper
56 100
69 39.7 28.3 42.5
84 121.5 76.5 114.7#

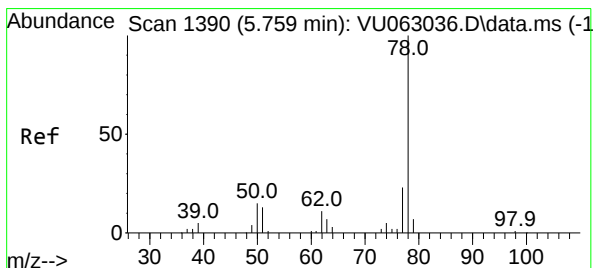
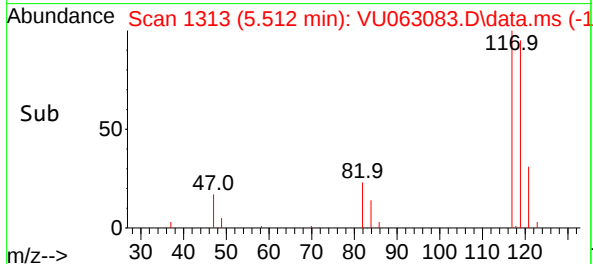
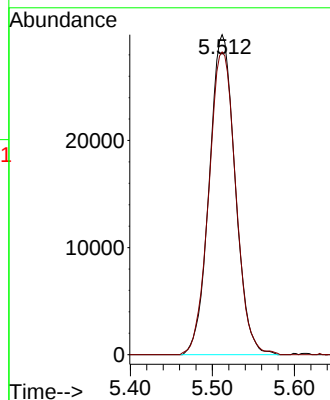
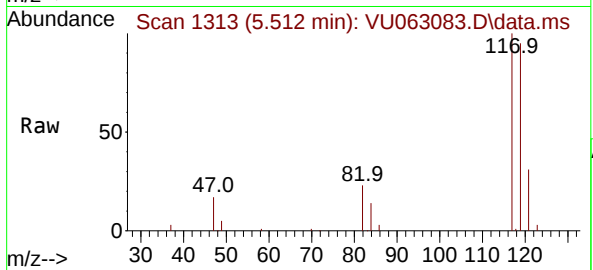




#31
Carbon tetrachloride
Concen: 4.641 ug/L
RT: 5.512 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

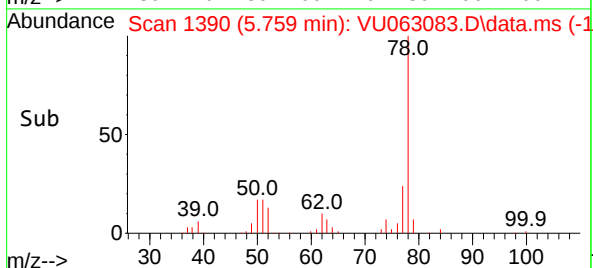
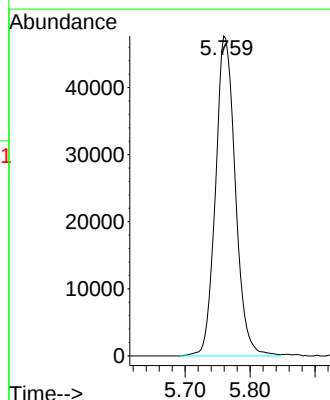
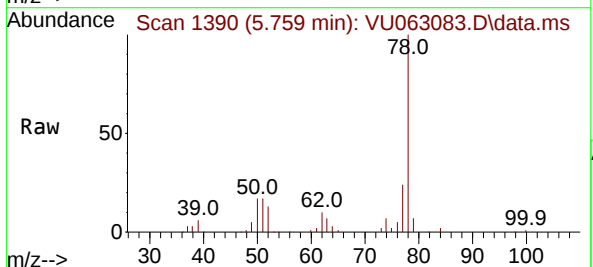
Instrument :
MSVOA_U
ClientSampleId :

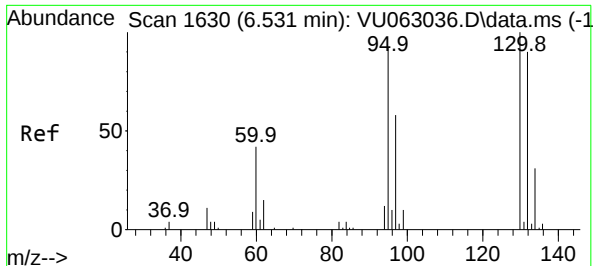
Tgt Ion:117 Resp: 65503
Ion Ratio Lower Upper
117 100
119 98.3 78.6 118.0



#33
Benzene
Concen: 4.405 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion: 78 Resp: 100905

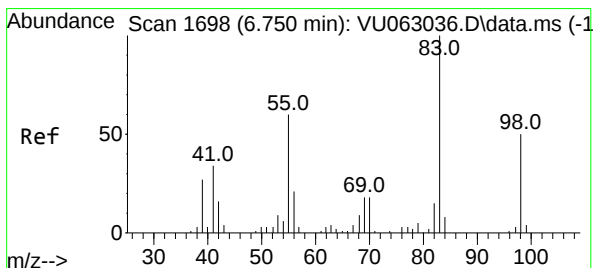
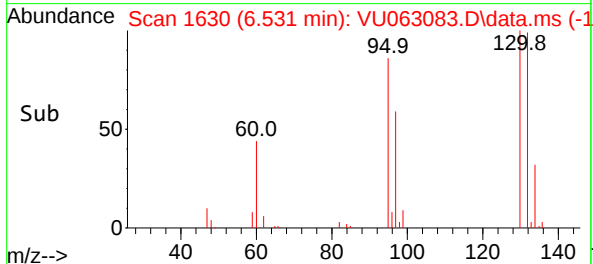
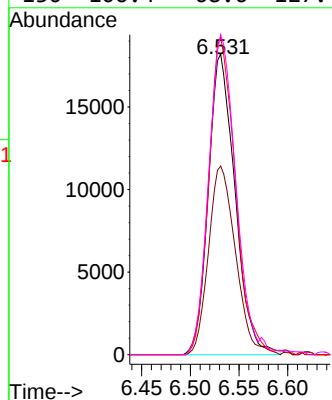
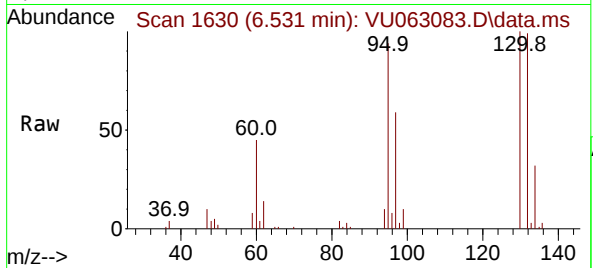




#34
Trichloroethene
Concen: 4.454 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

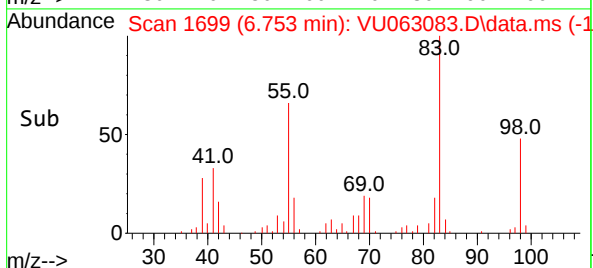
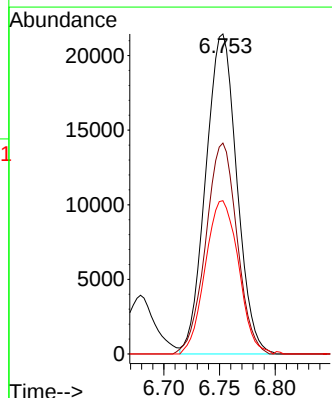
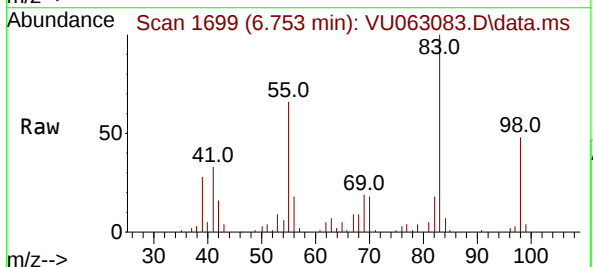
Instrument :
MSVOA_U
ClientSampleId :

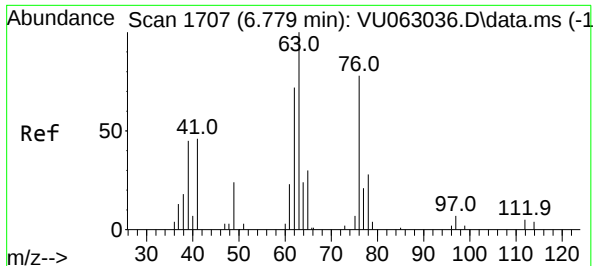
Tgt Ion: 95 Resp: 34667
Ion Ratio Lower Upper
95 100
97 62.7 47.5 88.3
132 105.5 66.9 124.3
130 106.4 68.6 127.4



#35
Methylcyclohexane
Concen: 4.255 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion: 83 Resp: 41729
Ion Ratio Lower Upper
83 100
55 66.2 57.2 85.8
98 51.1 36.6 55.0

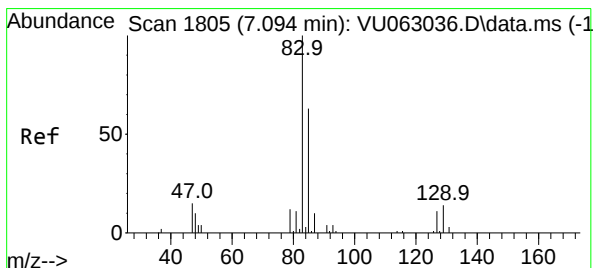
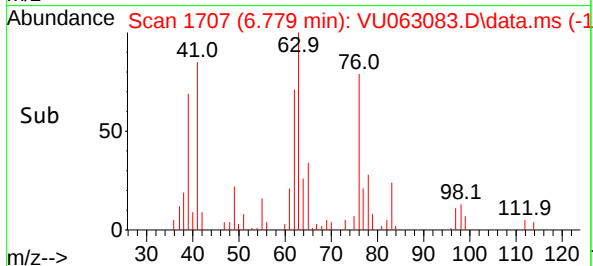
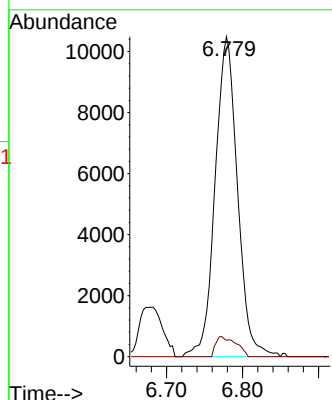
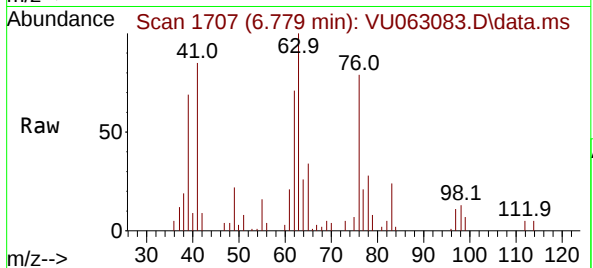




#37
1,2-Dichloropropane
Concen: 4.164 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

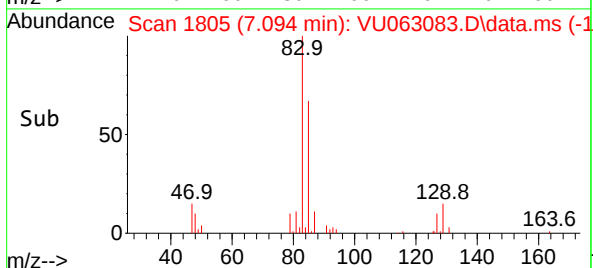
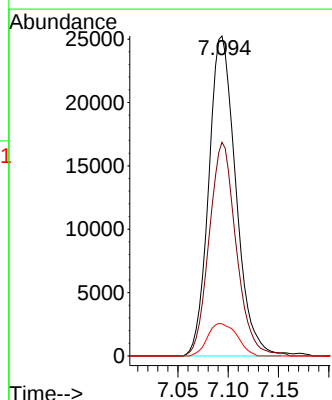
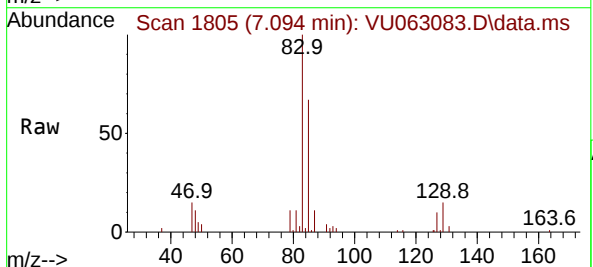
Instrument :
MSVOA_U
ClientSampleId :

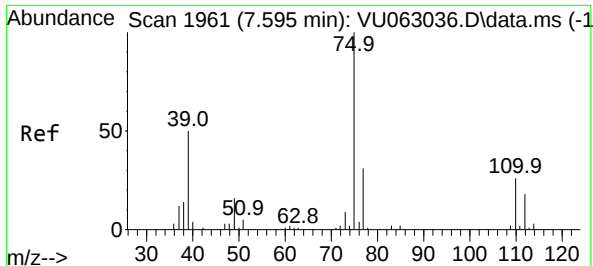
Tgt Ion: 63 Resp: 21449
Ion Ratio Lower Upper
63 100
112 5.7 3.8 5.8



#38
Bromodichloromethane
Concen: 4.575 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion: 83 Resp: 47224
Ion Ratio Lower Upper
83 100
85 66.8 44.2 82.0
127 10.0 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.475 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Instrument :

MSVOA_U

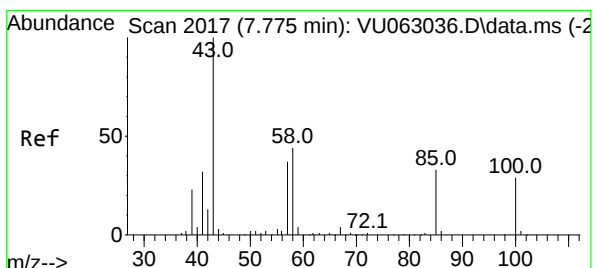
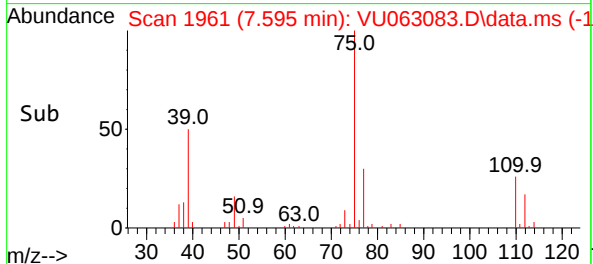
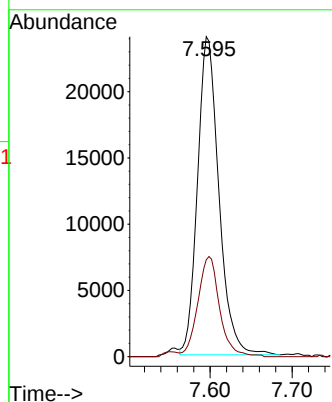
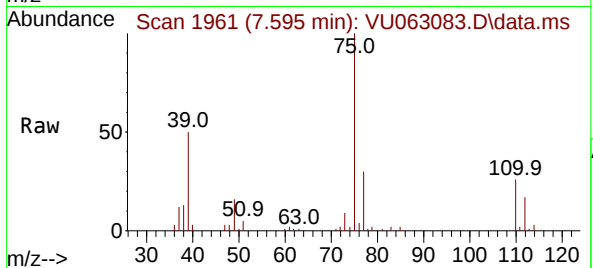
ClientSampleId :

Tgt Ion: 75 Resp: 43406

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 45.613 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

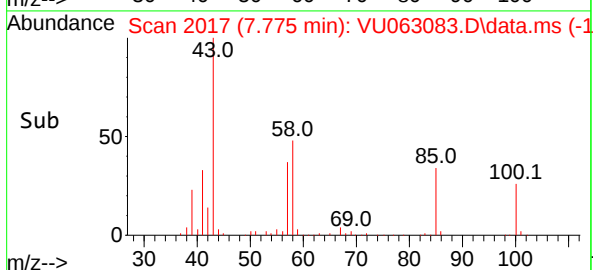
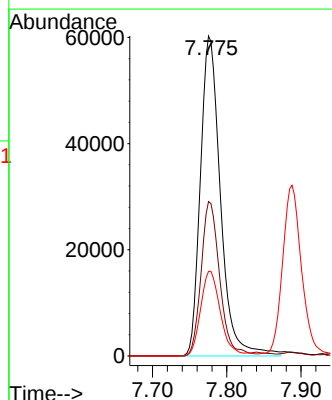
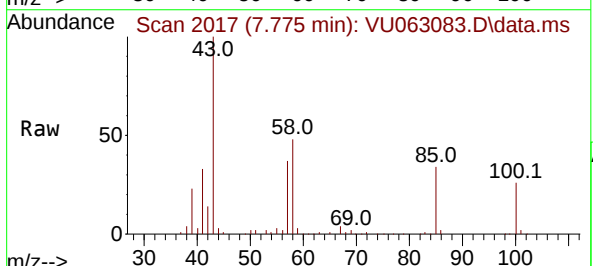
Tgt Ion: 43 Resp: 113358

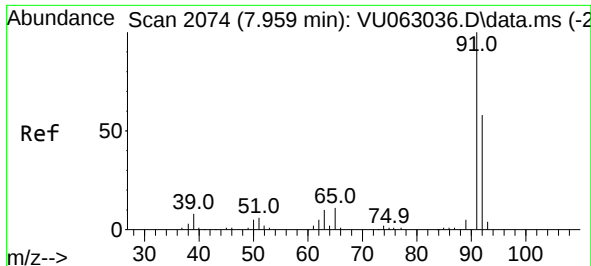
Ion Ratio Lower Upper

43 100

58 44.5 35.8 53.8

100 26.4 16.8 25.2#





#42

Toluene

Concen: 4.715 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Instrument :

MSVOA_U

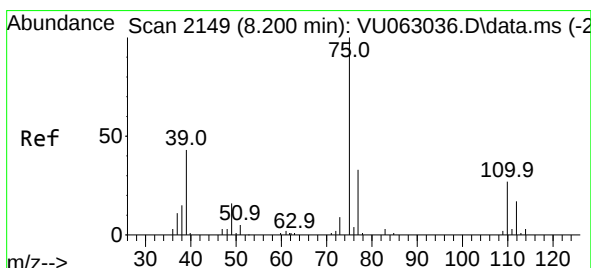
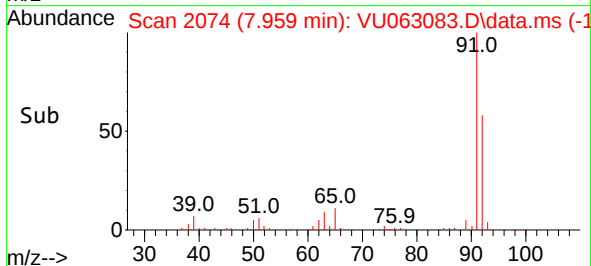
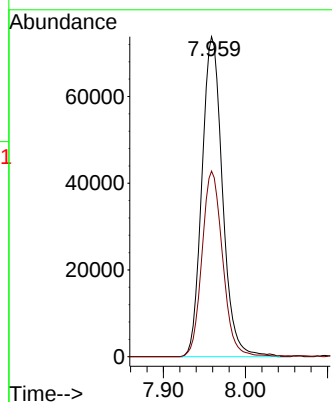
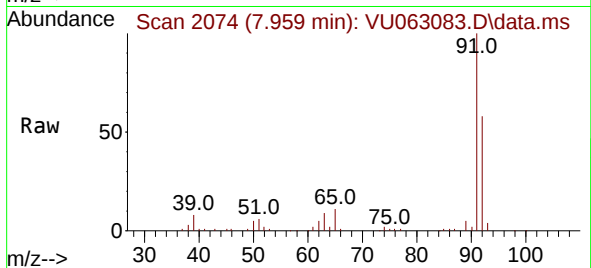
ClientSampleId :

Tgt Ion: 91 Resp: 128376

Ion Ratio Lower Upper

91 100

92 58.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.587 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063083.D

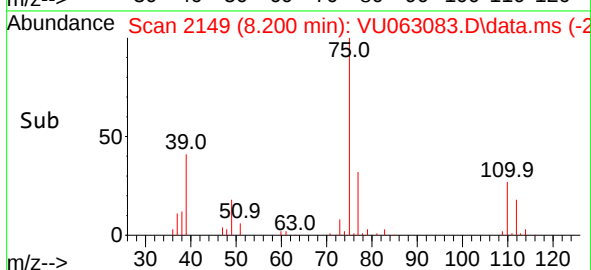
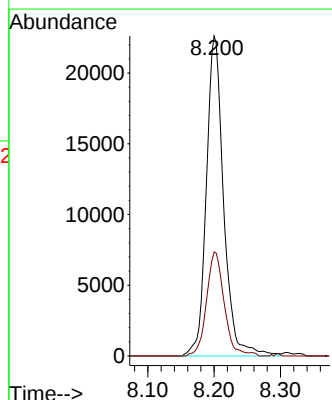
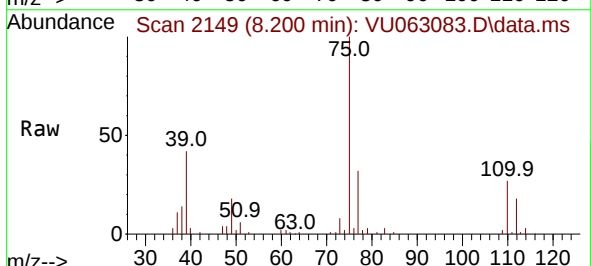
Acq: 29 Jan 2025 09:02

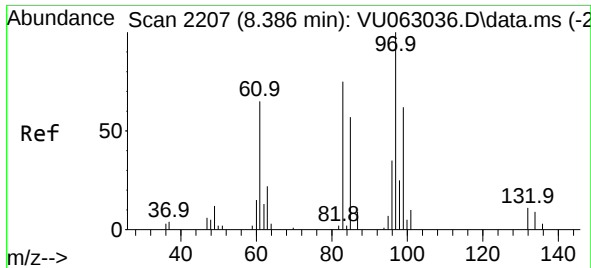
Tgt Ion: 75 Resp: 40985

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6

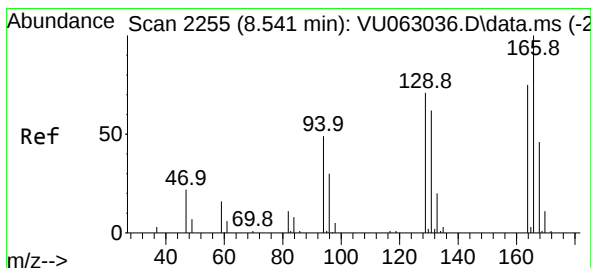
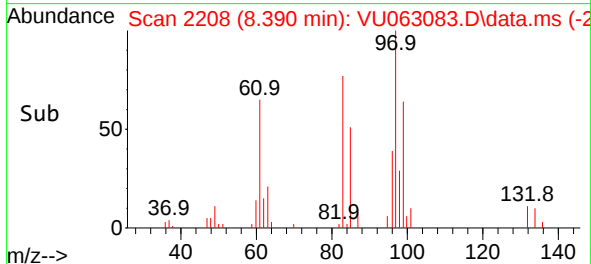
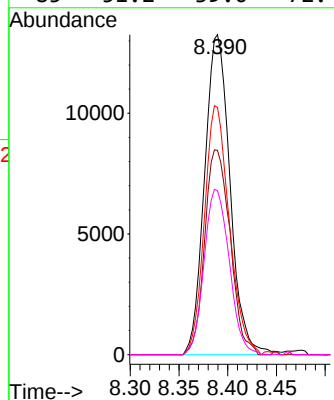
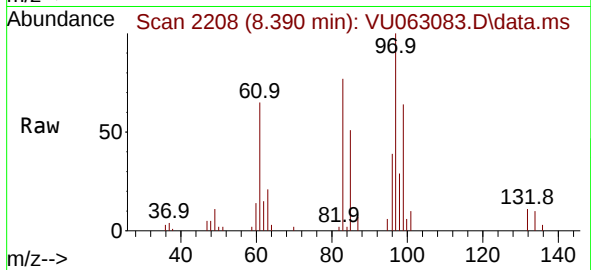




#45
1,1,2-Trichloroethane
Concen: 4.976 ug/L
RT: 8.390 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

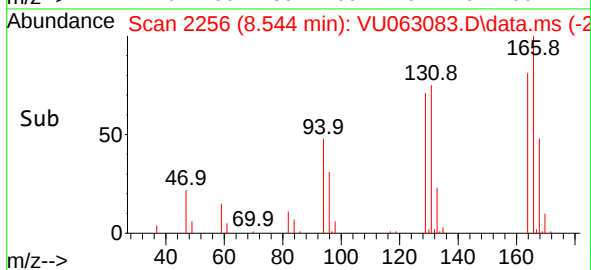
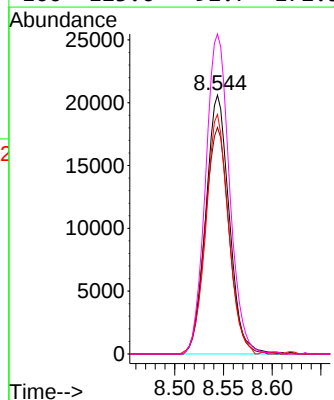
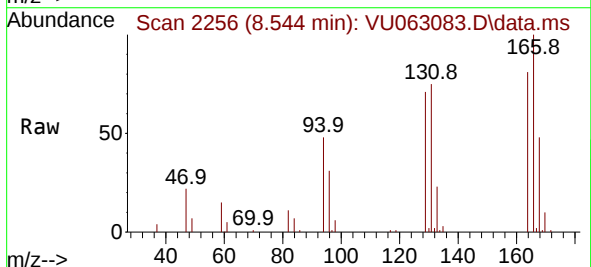
Instrument :
MSVOA_U
ClientSampleId :

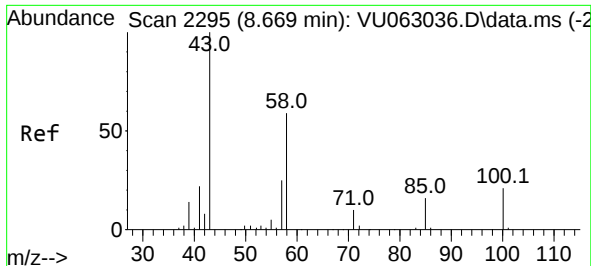
Tgt Ion:	97	Resp:	24125
Ion	Ratio	Lower	Upper
97	100		
99	63.8	45.6	84.6
83	77.3	63.0	117.0
85	51.2	39.0	72.4



#47
Tetrachloroethene
Concen: 5.101 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

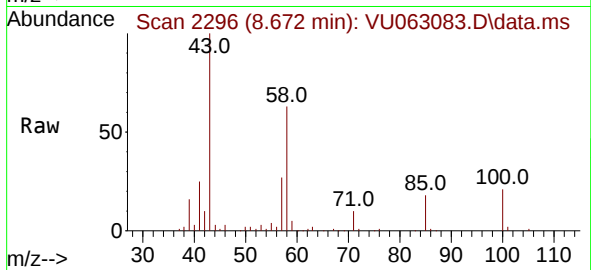
Tgt Ion:	164	Resp:	34532
Ion	Ratio	Lower	Upper
164	100		
129	87.5	71.0	131.9
131	92.5	69.4	129.0
166	123.6	92.7	172.3



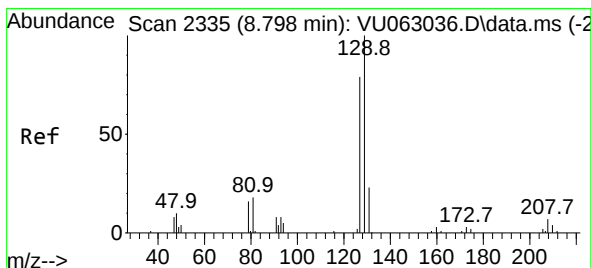
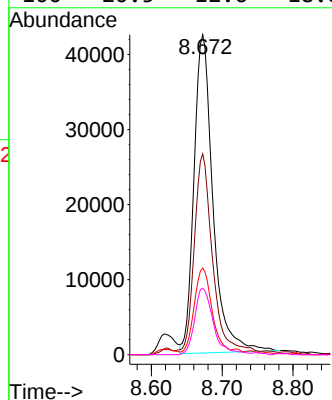
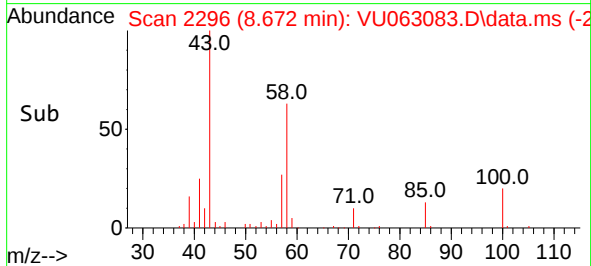


#48
2-Hexanone
Concen: 45.841 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Instrument :
MSVOA_U
ClientSampleId :

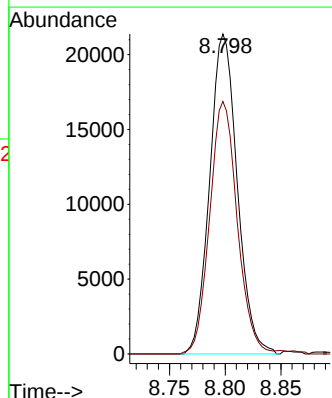
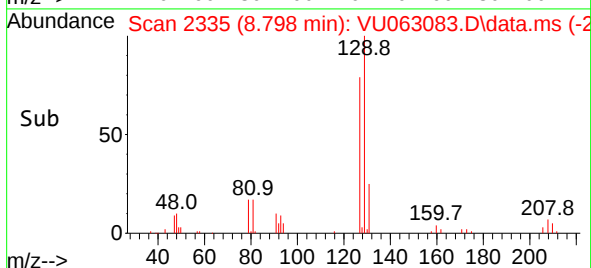
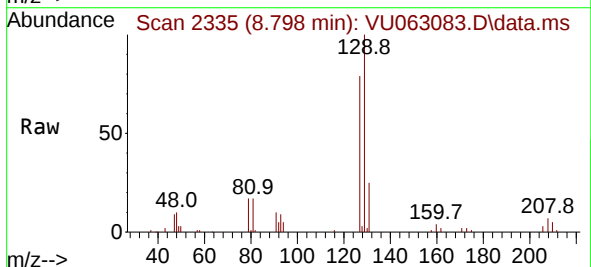


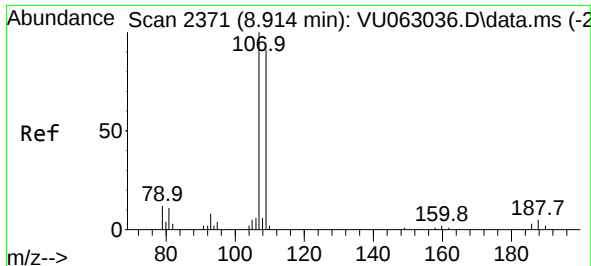
Tgt Ion: 43 Resp: 79021
Ion Ratio Lower Upper
43 100
58 59.5 50.2 75.4
57 24.3 19.9 29.9
100 20.5 12.6 18.8#



#49
Dibromochloromethane
Concen: 4.862 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion: 129 Resp: 36788
Ion Ratio Lower Upper
129 100
127 78.9 52.1 96.9





#50

1,2-Dibromoethane

Concen: 5.150 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

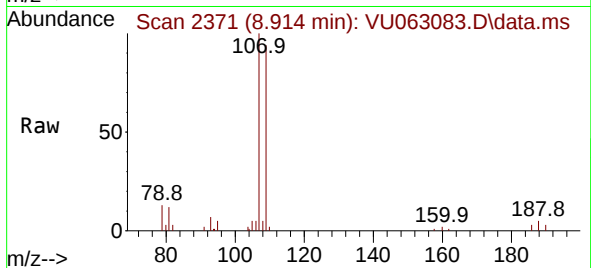
Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

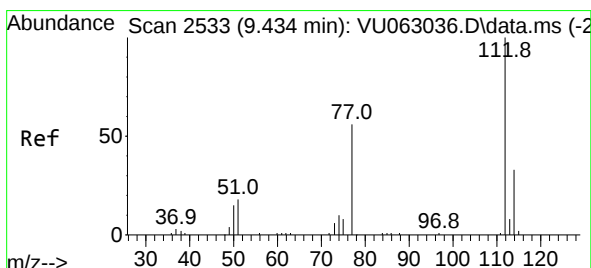
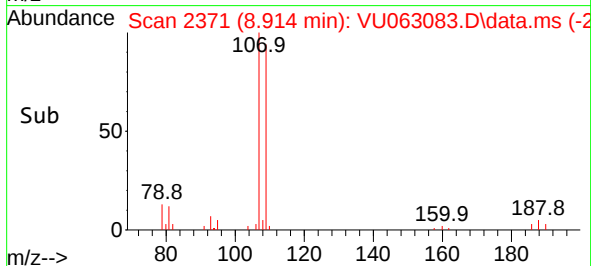
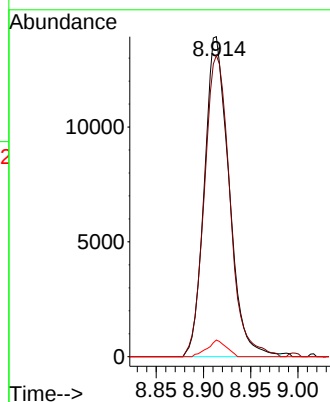
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	25226
Ion	Ratio	Lower	Upper
107	100		
109	94.1	65.7	121.9
188	5.2	3.4	5.2#



#51

Chlorobenzene

Concen: 4.914 ug/L

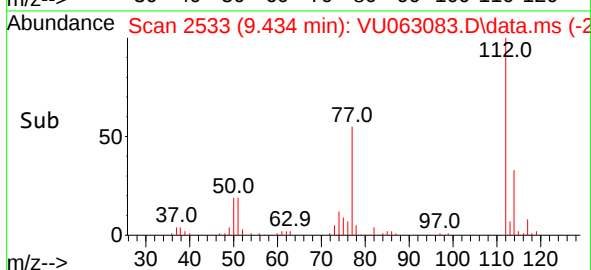
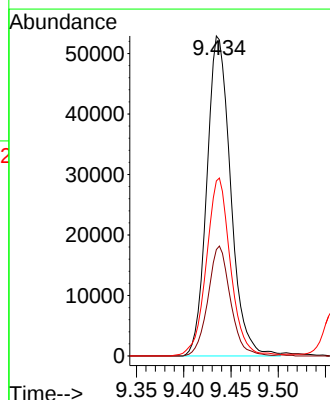
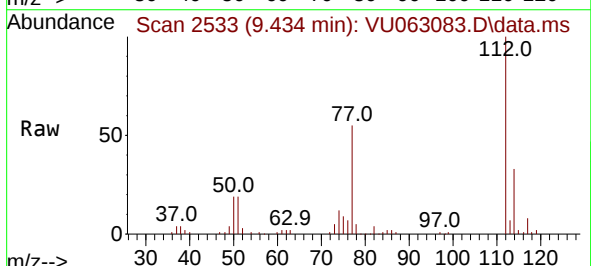
RT: 9.434 min Scan# 2533

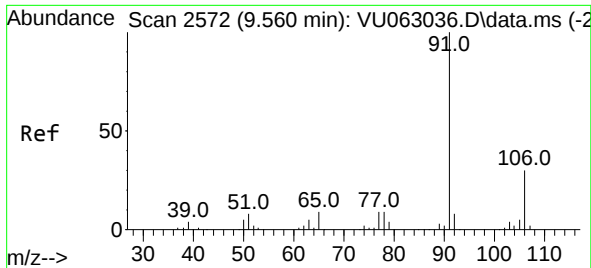
Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Tgt Ion:	112	Resp:	92762
Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.7	40.3
77	54.7	48.6	73.0

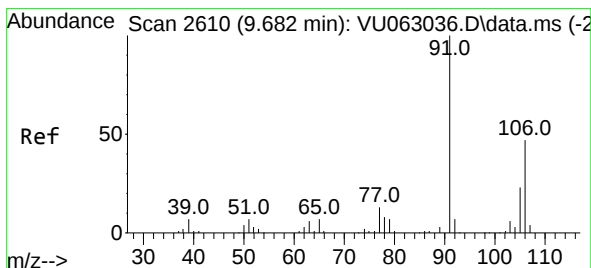
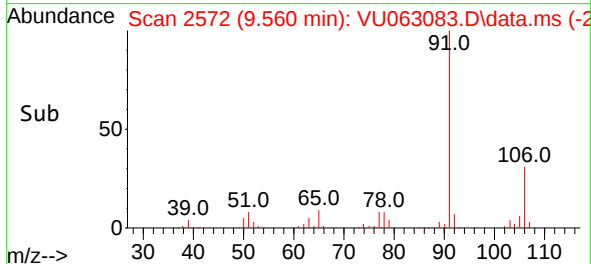
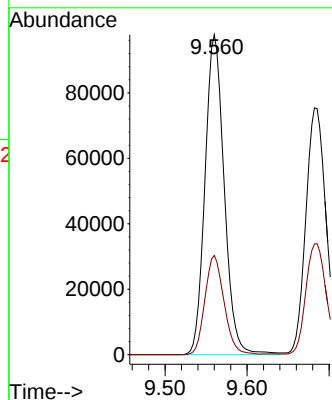
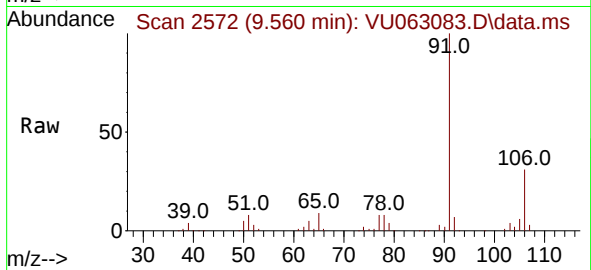




#52
Ethylbenzene
Concen: 5.004 ug/L
RT: 9.560 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

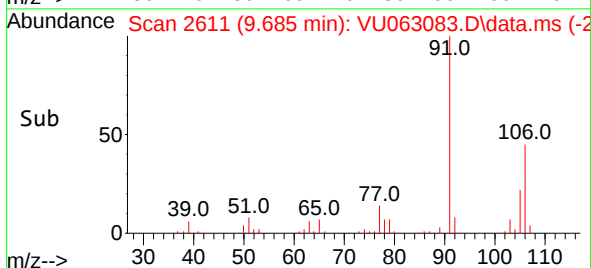
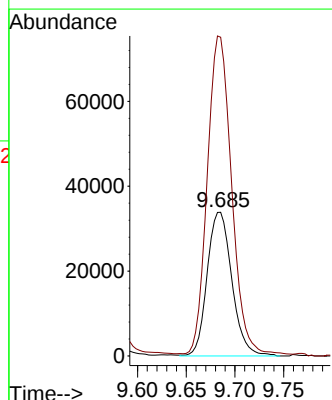
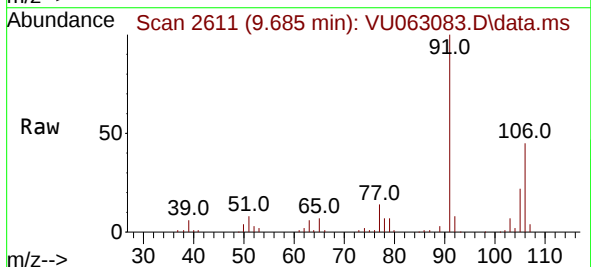
Instrument :
MSVOA_U
ClientSampleId :

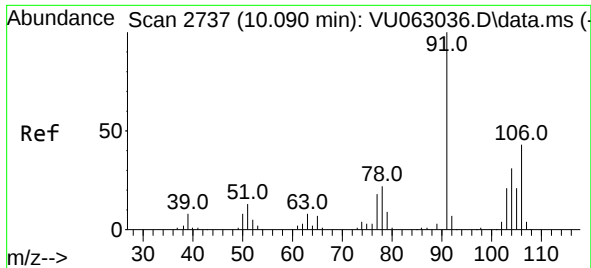
Tgt Ion: 91 Resp: 158770
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 4.870 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion:106 Resp: 59679
Ion Ratio Lower Upper
106 100
91 221.8 153.1 284.3

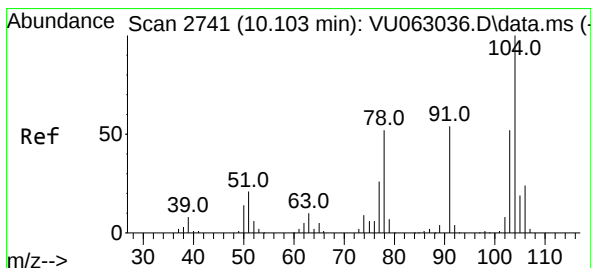
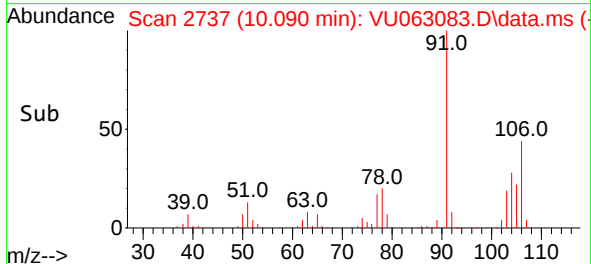
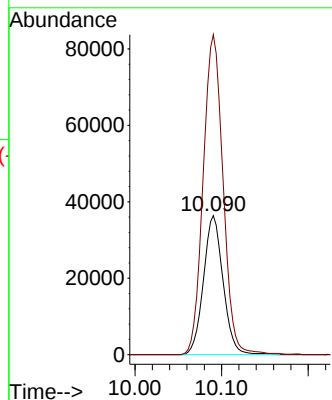
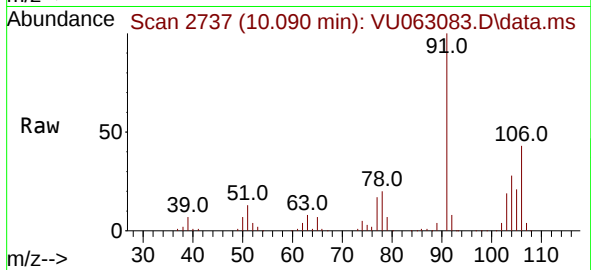




#54
o-Xylene
Concen: 5.092 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

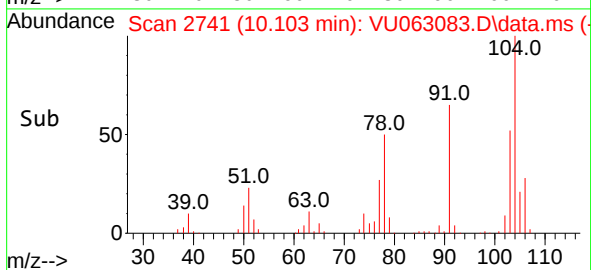
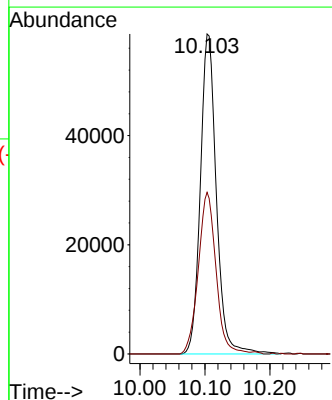
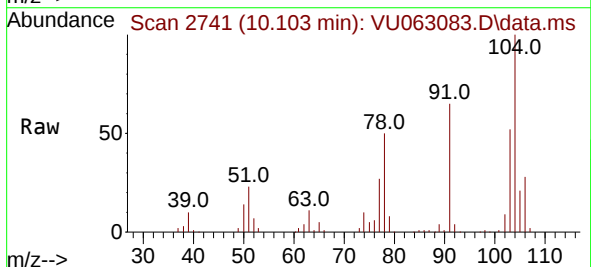
Instrument :
MSVOA_U
ClientSampleId :

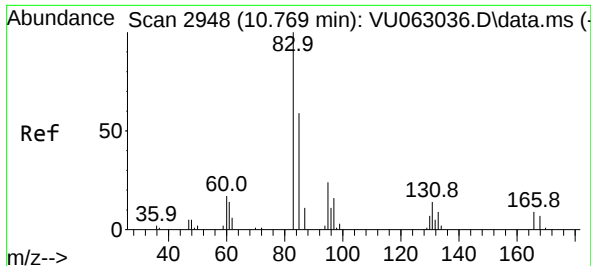
Tgt Ion:106 Resp: 57163
Ion Ratio Lower Upper
106 100
91 230.2 160.4 297.8



#55
Styrene
Concen: 5.311 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion:104 Resp: 100784
Ion Ratio Lower Upper
104 100
78 50.5 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.739 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Instrument :

MSVOA_U

ClientSampleId :

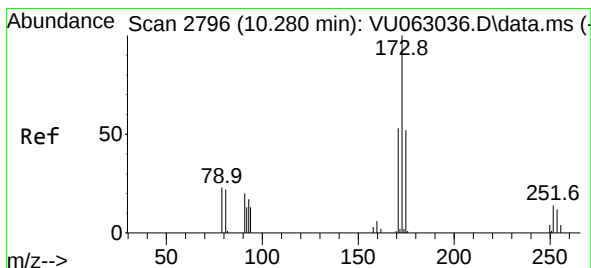
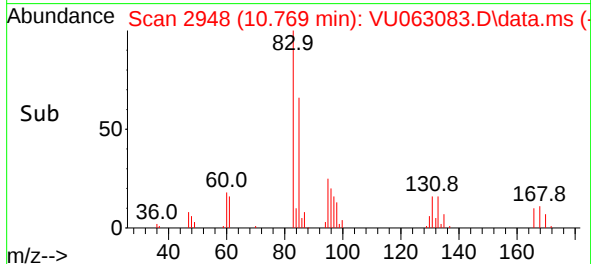
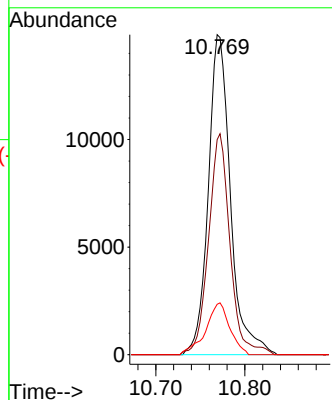
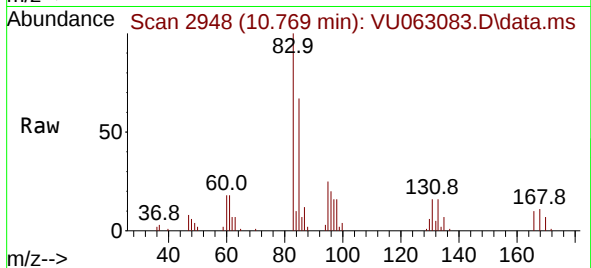
Tgt Ion: 83 Resp: 25706

Ion Ratio Lower Upper

83 100

85 67.2 43.0 79.8

131 15.8 7.4 11.0#



#59

Bromoform

Concen: 4.848 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

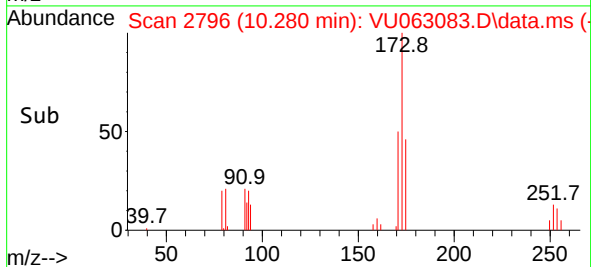
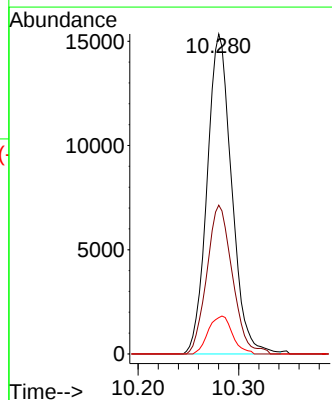
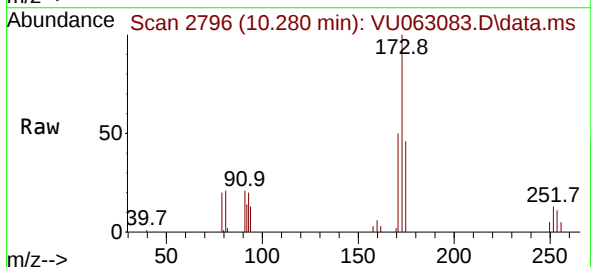
Tgt Ion:173 Resp: 26020

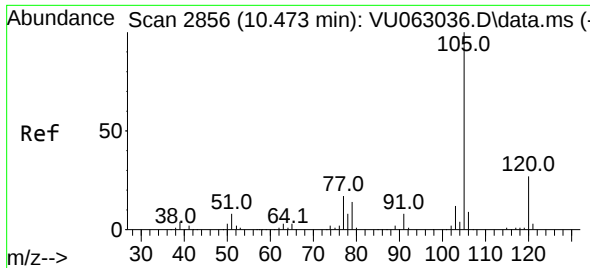
Ion Ratio Lower Upper

173 100

175 48.4 39.8 59.8

254 11.6 8.6 12.8

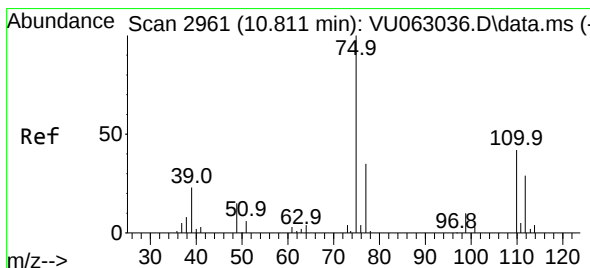
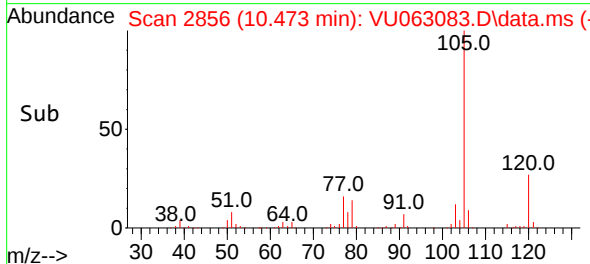
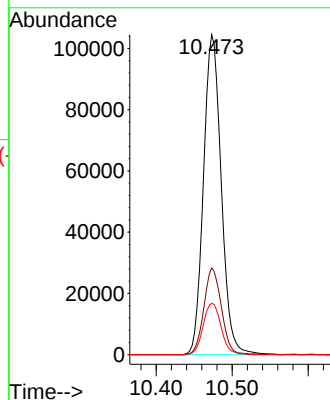
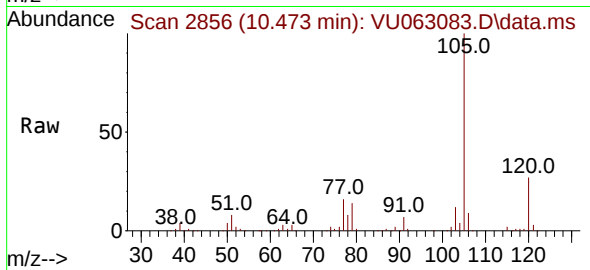




#60
Isopropylbenzene
Concen: 4.748 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

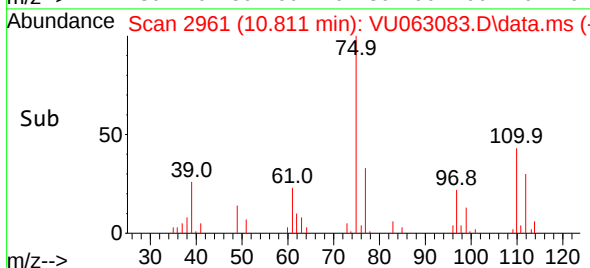
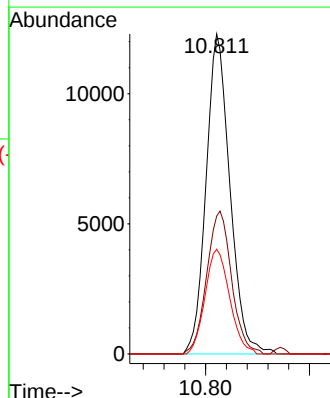
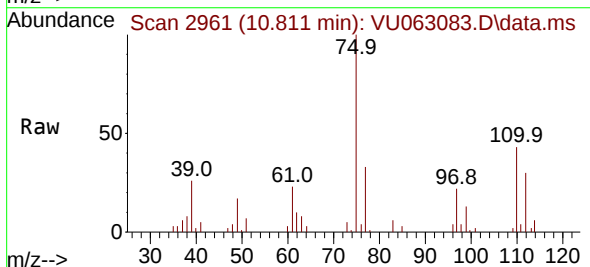
Instrument :
MSVOA_U
ClientSampleId :

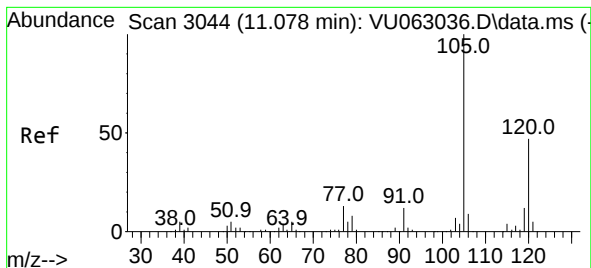
Tgt Ion:105 Resp: 169940
Ion Ratio Lower Upper
105 100
120 26.7 20.2 30.2
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.309 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

Tgt Ion: 75 Resp: 19585
Ion Ratio Lower Upper
75 100
110 46.6 33.2 49.8
77 33.8 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.775 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Instrument :

MSVOA_U

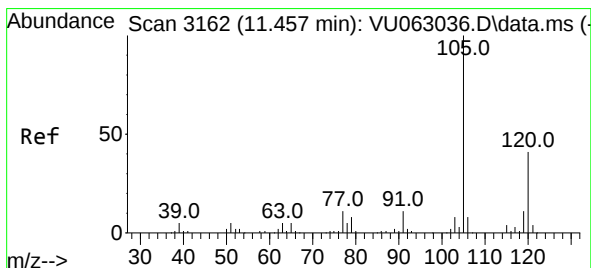
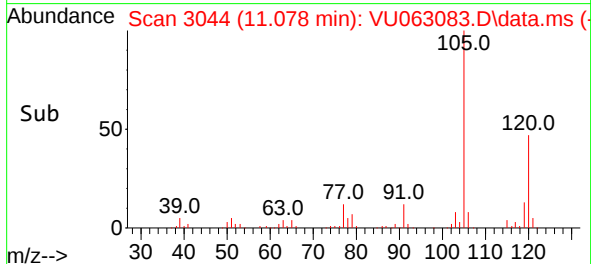
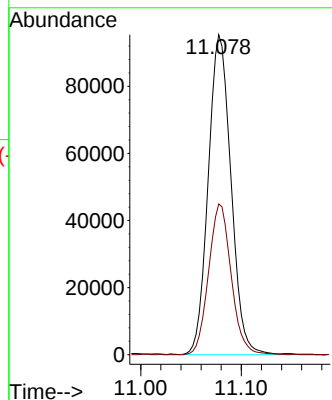
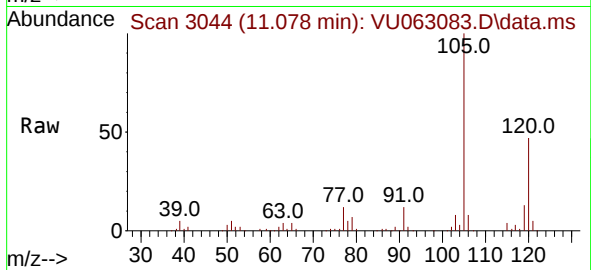
ClientSampleId :

Tgt Ion:105 Resp: 149834

Ion Ratio Lower Upper

105 100

120 46.8 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.997 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063083.D

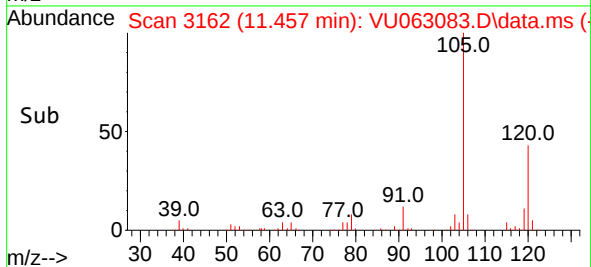
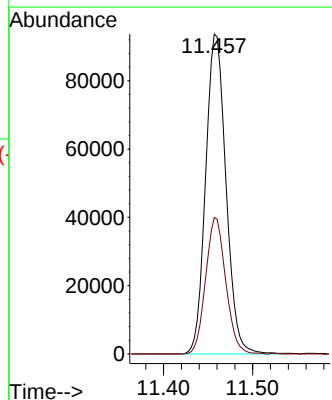
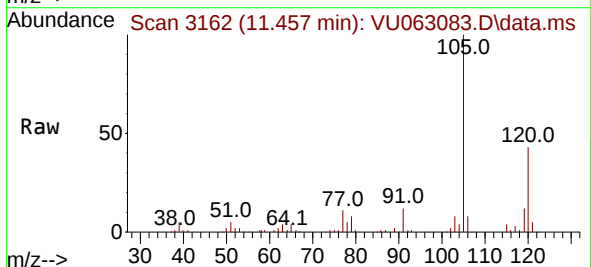
Acq: 29 Jan 2025 09:02

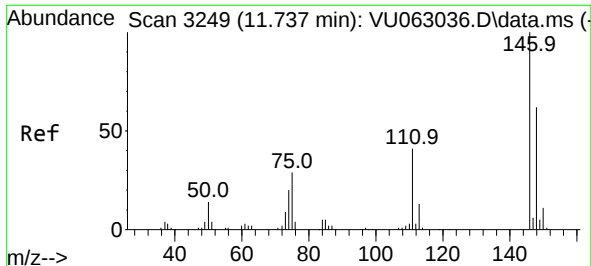
Tgt Ion:105 Resp: 148302

Ion Ratio Lower Upper

105 100

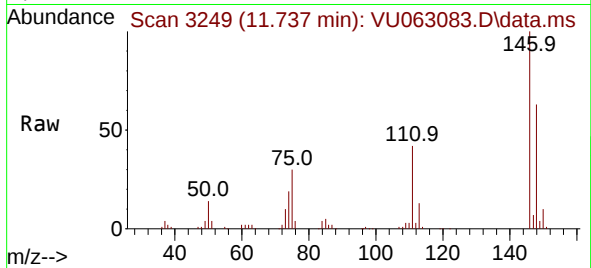
120 42.2 34.2 51.2



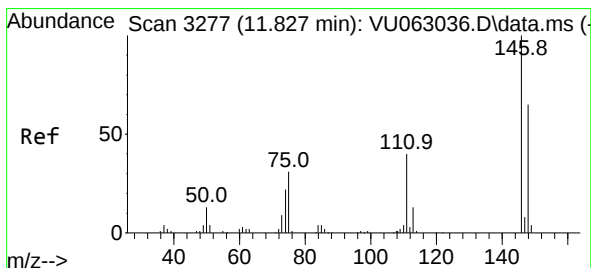
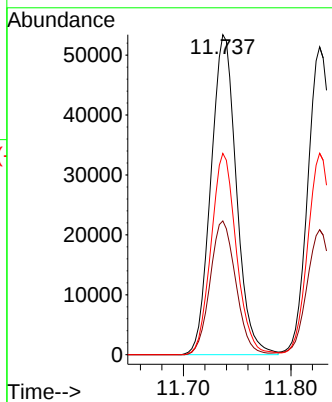
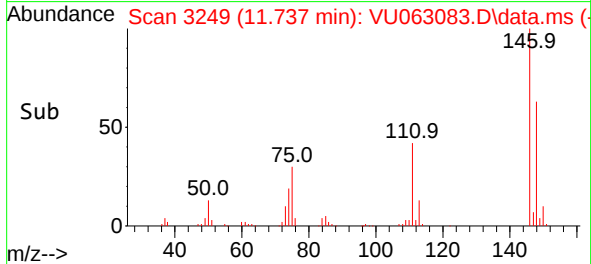


#64
1,3-Dichlorobenzene
Concen: 4.835 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

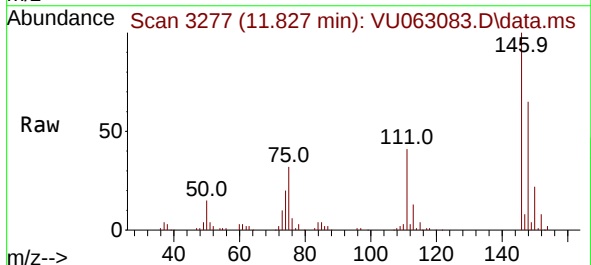
Instrument :
MSVOA_U
ClientSampleId :



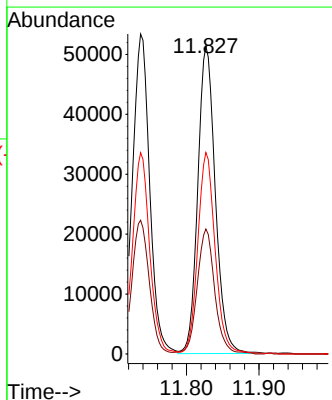
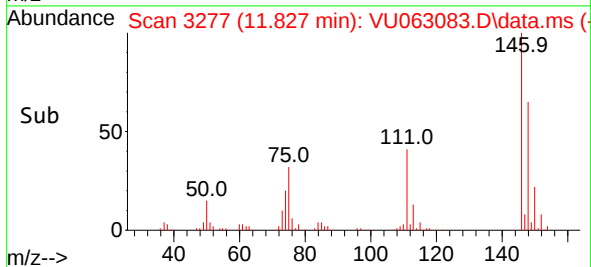
Tgt Ion:146 Resp: 87859
Ion Ratio Lower Upper
146 100
111 41.8 28.6 53.0
148 62.9 44.0 81.6

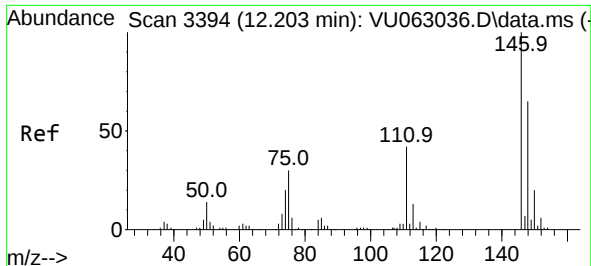


#65
1,4-Dichlorobenzene
Concen: 4.732 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02



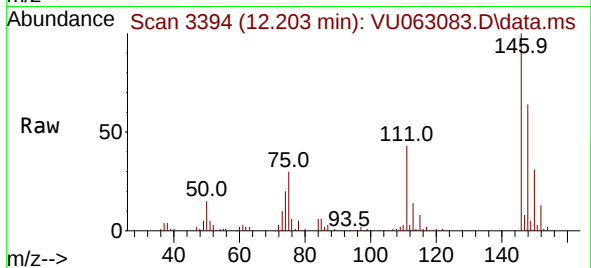
Tgt Ion:146 Resp: 86259
Ion Ratio Lower Upper
146 100
111 40.6 29.5 54.9
148 65.4 45.1 83.9



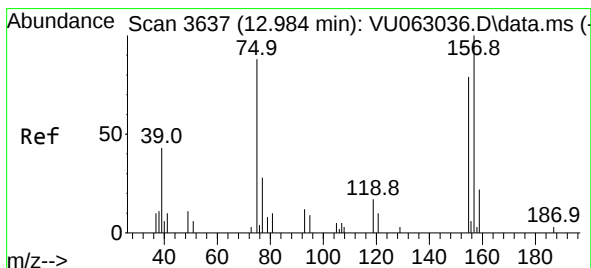
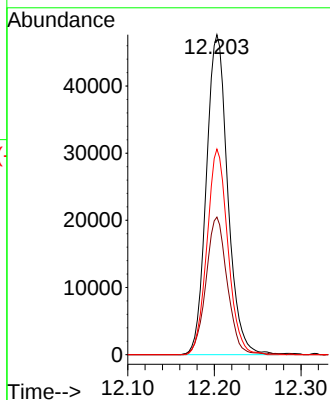
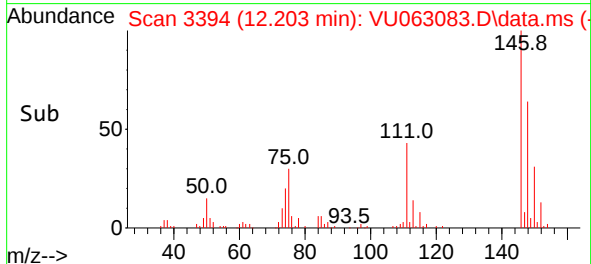


#67
1,2-Dichlorobenzene
Concen: 4.780 ug/L
RT: 12.203 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02

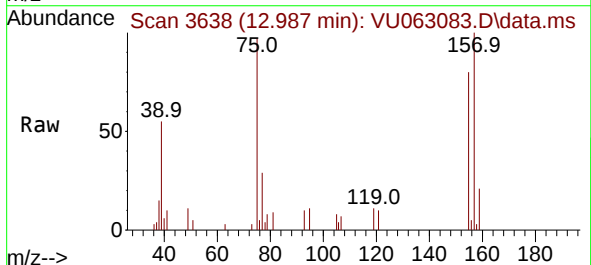
Instrument :
MSVOA_U
ClientSampleId :



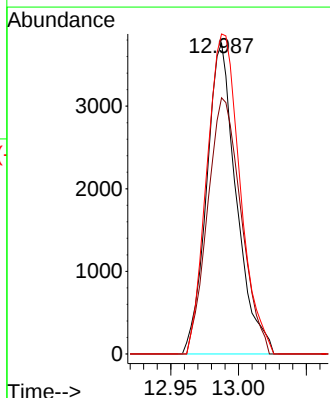
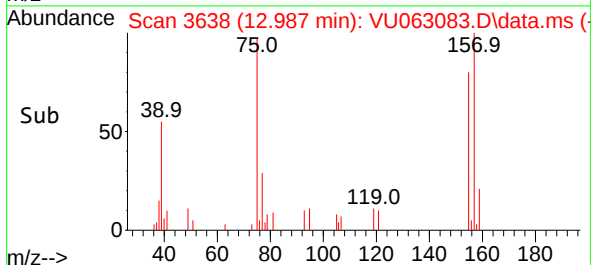
Tgt Ion:146 Resp: 81712
Ion Ratio Lower Upper
146 100
111 43.0 36.3 54.5
148 64.3 52.0 78.0

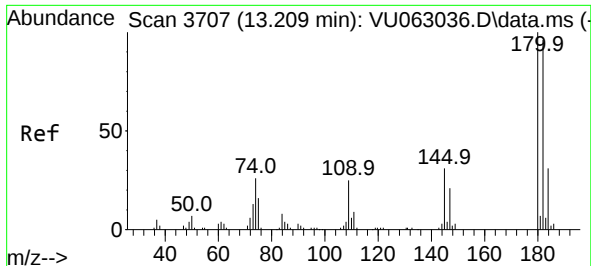


#68
1,2-Dibromo-3-chloropropane
Concen: 4.784 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VU063083.D
Acq: 29 Jan 2025 09:02



Tgt Ion: 75 Resp: 5750
Ion Ratio Lower Upper
75 100
155 82.5 59.6 89.4
157 103.0 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 4.792 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

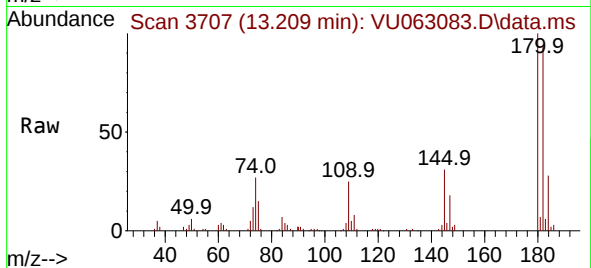
Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 69560

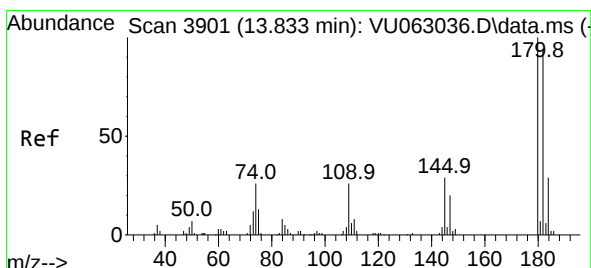
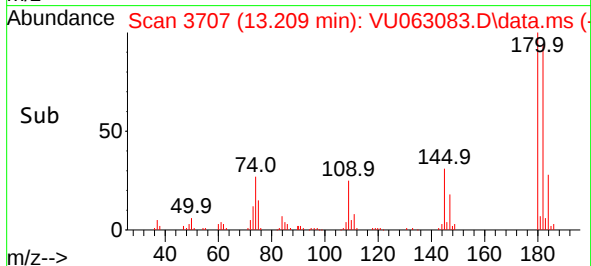
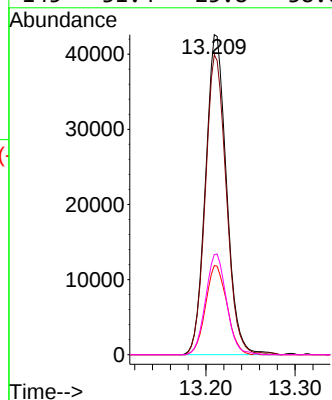
Ion Ratio Lower Upper

180 100

182 93.5 75.8 113.8

184 28.4 24.7 37.1

145 31.4 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.503 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

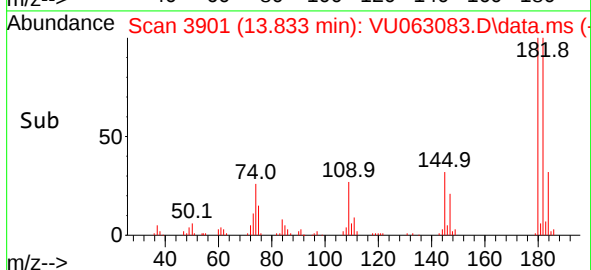
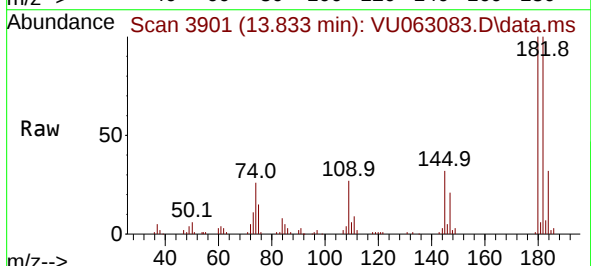
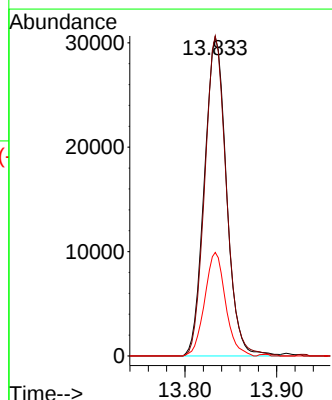
Tgt Ion:180 Resp: 51158

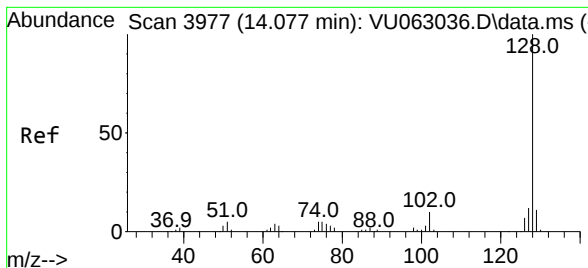
Ion Ratio Lower Upper

180 100

182 98.0 77.1 115.7

145 30.6 26.9 40.3





#71

Naphthalene

Concen: 3.891 ug/L

RT: 14.081 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Instrument :

MSVOA_U

ClientSampleId :

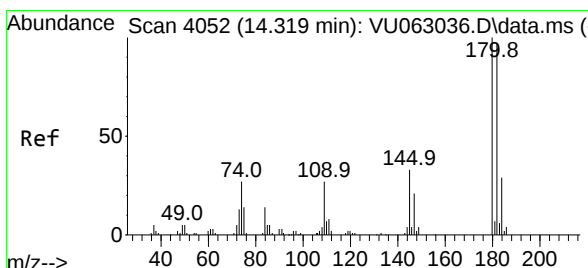
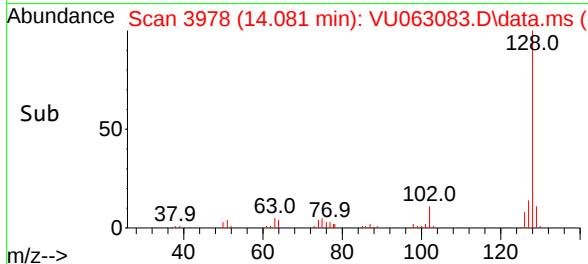
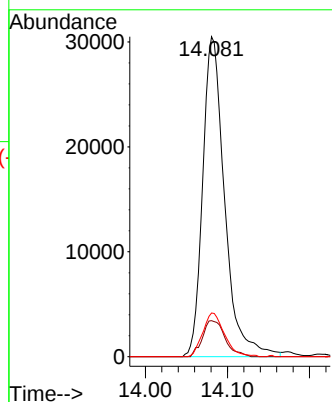
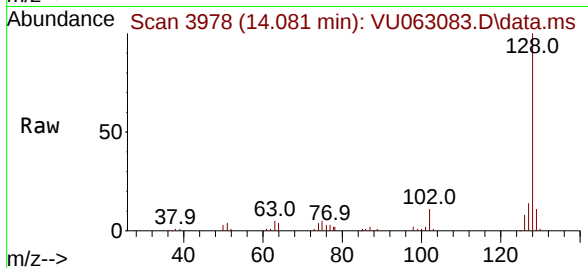
Tgt Ion:128 Resp: 56726

Ion Ratio Lower Upper

128 100

129 11.6 8.5 12.7

127 13.5 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.237 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU063083.D

Acq: 29 Jan 2025 09:02

Tgt Ion:180 Resp: 41586

Ion Ratio Lower Upper

180 100

182 96.0 79.8 119.6

145 34.0 29.2 43.8

