

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062932.D
 Acq On : 20 Jan 2025 20:25
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:45:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	96028	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	75794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	49781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17380	3.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.898	69	16662	3.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.550	65	9978	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.602	46	61337	56.429	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.860%
24) Chloroform-d	5.049	84	61046	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.689	65	34031	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.714	84	92823	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.676	67	27640	5.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.888	98	86468	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.171	79	11798	4.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.618	63	35396	43.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.900%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26481	6.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.200%#
66) 1,2-Dichlorobenzene-d4	12.184	152	37175	4.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	43757	4.783	ug/L	97
3) Chloromethane	1.515	50	28129	4.582	ug/L	97
5) Vinyl chloride	1.599	62	30888	4.468	ug/L	98
6) Bromomethane	1.837	94	20125	4.001	ug/L	94
8) Chloroethane	1.917	64	18677	4.497	ug/L	98
9) Trichlorofluoromethane	2.126	101	60509	4.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	33503	4.973	ug/L	98
12) 1,1-Dichloroethene	2.567	96	29652	4.974	ug/L	91
13) Acetone	2.612	43	41028	47.647	ug/L	100
14) Carbon disulfide	2.779	76	81983	4.306	ug/L	96
15) Methyl Acetate	2.939	43	10088	5.411	ug/L	96
16) Methylene chloride	3.030	84	32502	4.977	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	85557	5.222	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	30989	4.852	ug/L	99
19) 1,1-Dichloroethane	3.849	63	57304	5.018	ug/L	98
21) 2-Butanone	4.685	43	60474	52.733	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	34384	4.944	ug/L	95
23) Bromochloromethane	4.959	128	15941	4.855	ug/L	96
25) Chloroform	5.071	83	70352	5.006	ug/L	97

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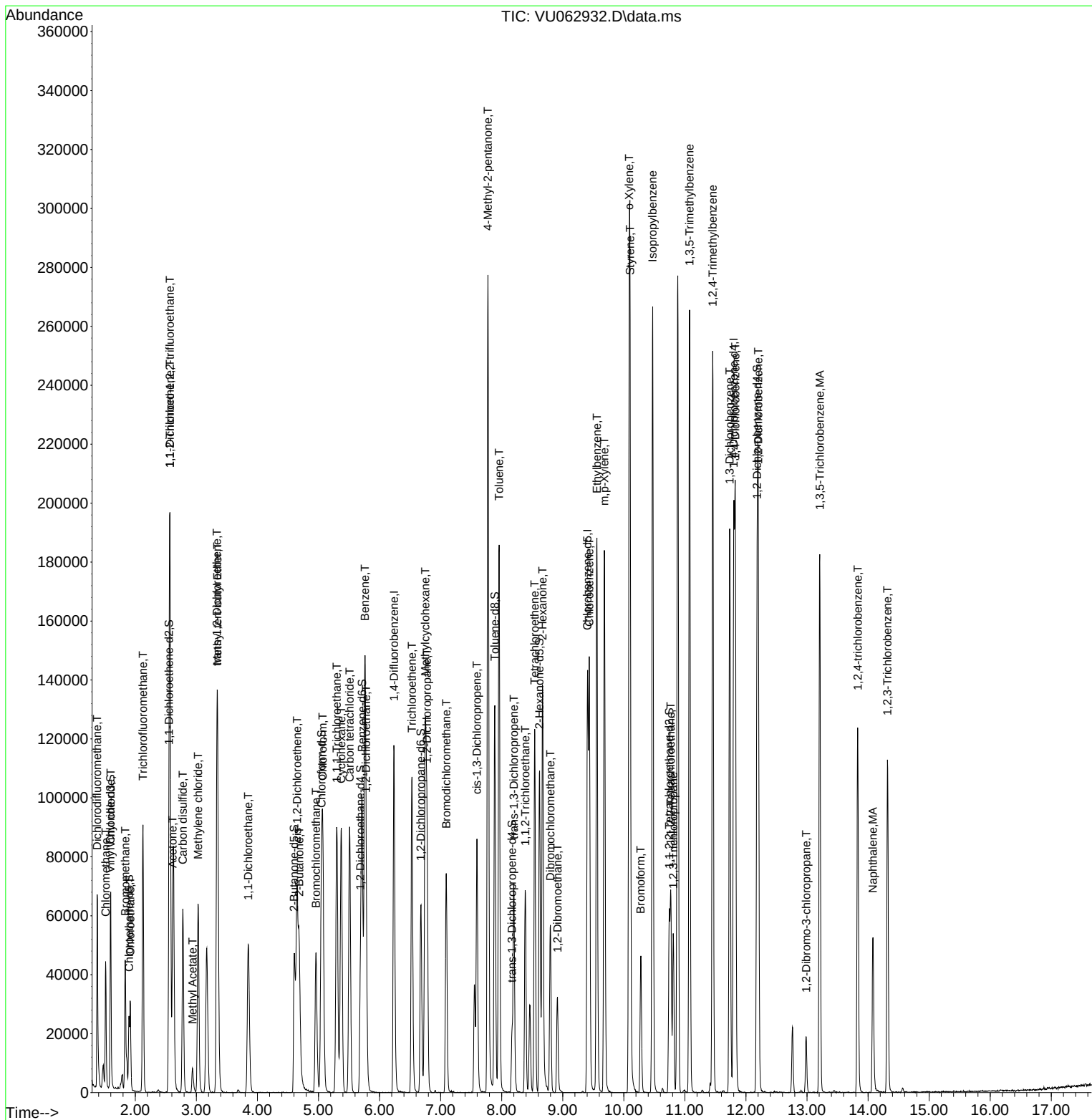
Instrument :
 MSVOA_U
 ClientSampleId :

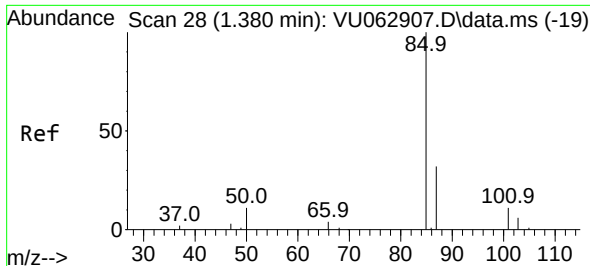
Quant Time: Jan 21 02:45:21 2025
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47801	5.202	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	69909	6.081	ug/L	98
30) Cyclohexane	5.373	56	42301	5.634	ug/L	96
31) Carbon tetrachloride	5.512	117	63194	5.981	ug/L	100
33) Benzene	5.759	78	126721	5.819	ug/L	100
34) Trichloroethene	6.531	95	37805	5.082	ug/L	97
35) Methylcyclohexane	6.750	83	49653	5.425	ug/L	98
37) 1,2-Dichloropropane	6.779	63	31697	6.170	ug/L	99
38) Bromodichloromethane	7.094	83	49619	6.006	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	52206	5.969	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	150314	62.640	ug/L	99
42) Toluene	7.959	91	134814	5.650	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	42037	5.575	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	20883	5.005	ug/L	94
47) Tetrachloroethene	8.541	164	26113	5.097	ug/L	98
48) 2-Hexanone	8.669	43	74082	42.942	ug/L	96
49) Dibromochloromethane	8.798	129	30410	5.429	ug/L	97
50) 1,2-Dibromoethane	8.914	107	20385	5.107	ug/L	99
51) Chlorobenzene	9.438	112	77589	4.972	ug/L	99
52) Ethylbenzene	9.560	91	133562	4.932	ug/L	99
53) m,p-Xylene	9.682	106	51750	5.110	ug/L	99
54) o-Xylene	10.090	106	54140	5.581	ug/L	98
55) Styrene	10.103	104	91182	5.619	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.769	83	29471	6.297	ug/L #	94
59) Bromoform	10.277	173	21092	4.857	ug/L	97
60) Isopropylbenzene	10.473	105	168571	4.914	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22411	5.075	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	147573	5.061	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	140635	4.986	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	78203	4.917	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	75347	4.698	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	71918	4.825	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5632	4.924	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	55399	4.625	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	39396	4.084	ug/L	99
71) Naphthalene	14.081	128	49902	3.535	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	35443	4.215	ug/L	95

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

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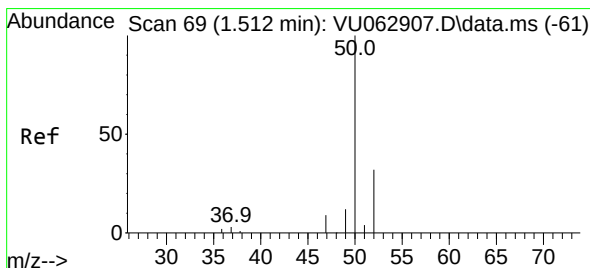
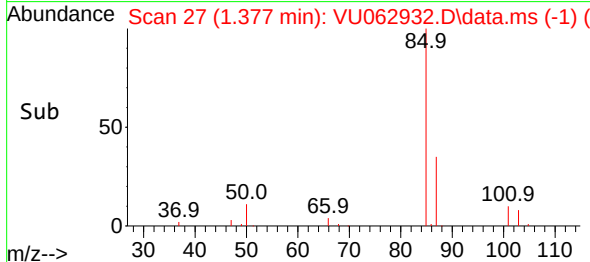
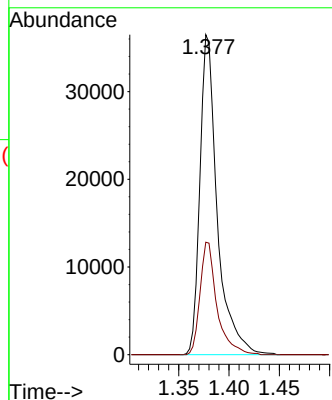
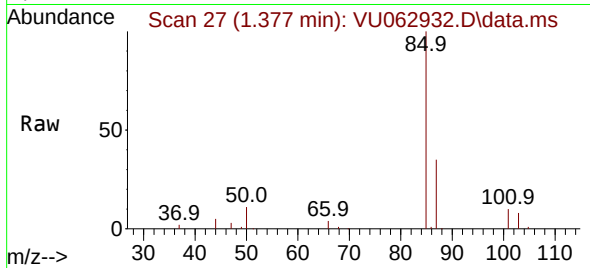




#2
 Dichlorodifluoromethane
 Concen: 4.783 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

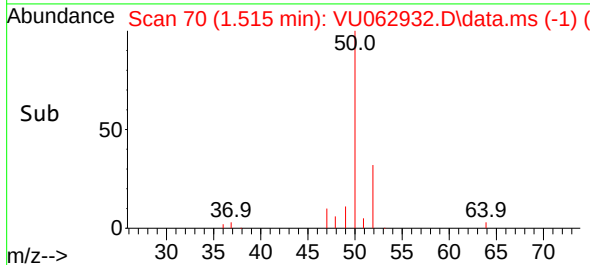
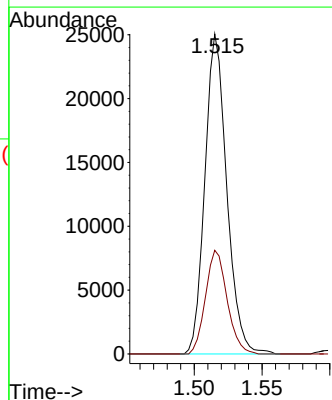
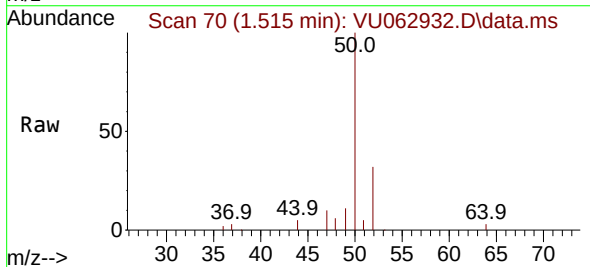
Instrument :
 MSVOA_U
 ClientSampleId :

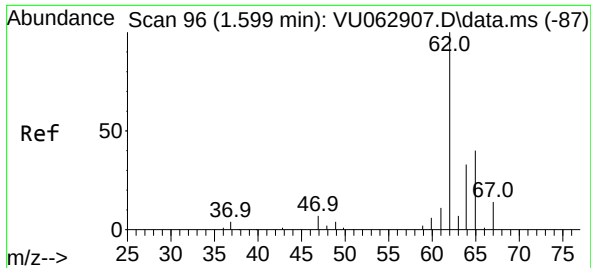
Tgt Ion: 85 Resp: 43757
 Ion Ratio Lower Upper
 85 100
 87 34.2 26.1 39.1



#3
 Chloromethane
 Concen: 4.582 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

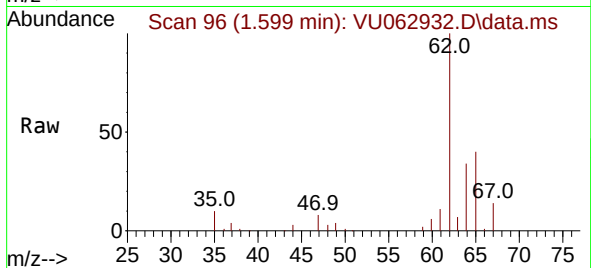
Tgt Ion: 50 Resp: 28129
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.1 44.7



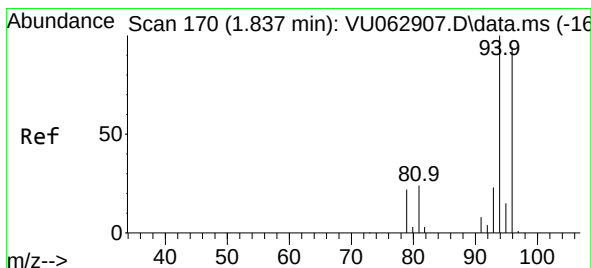
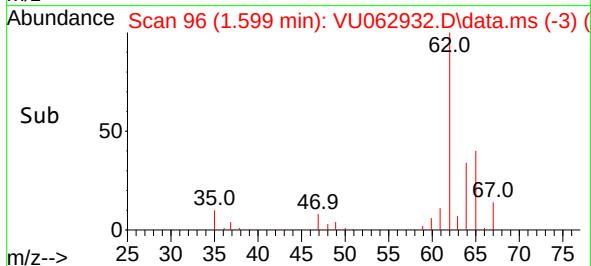
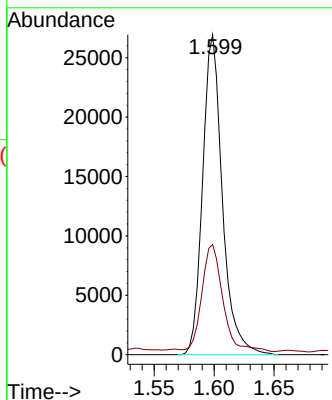


#5
 Vinyl chloride
 Concen: 4.468 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

Instrument :
 MSVOA_U
 ClientSampleId :

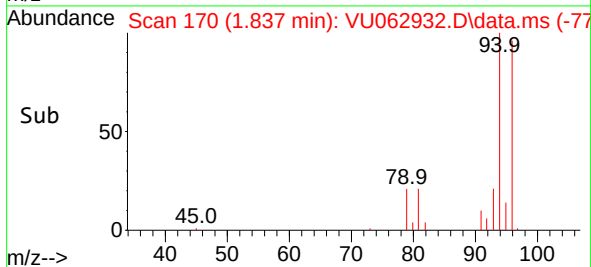
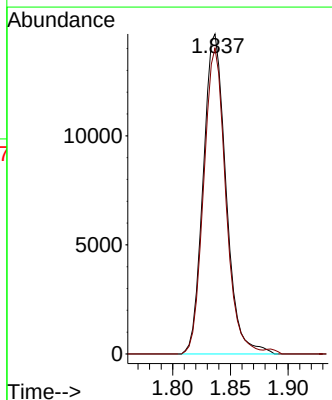
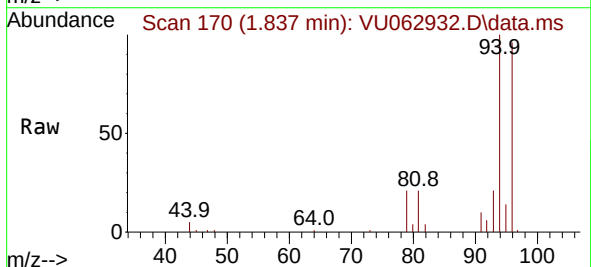


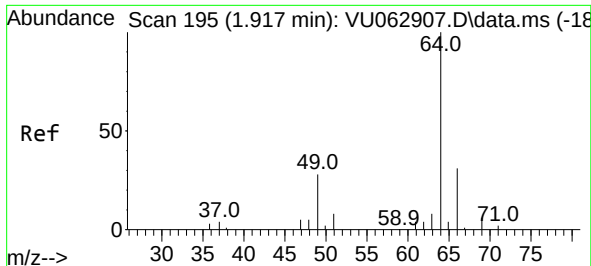
Tgt Ion: 62 Resp: 30888
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.4 43.4



#6
 Bromomethane
 Concen: 4.001 ug/L
 RT: 1.837 min Scan# 170
 Delta R.T. -0.000 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

Tgt Ion: 94 Resp: 20125
 Ion Ratio Lower Upper
 94 100
 96 95.6 62.9 116.7

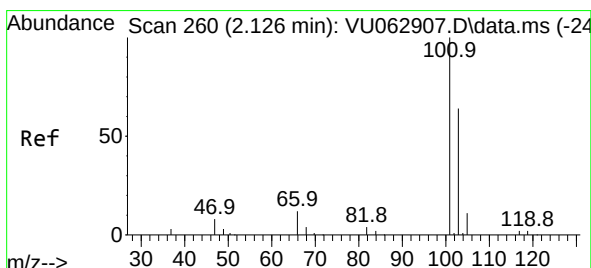
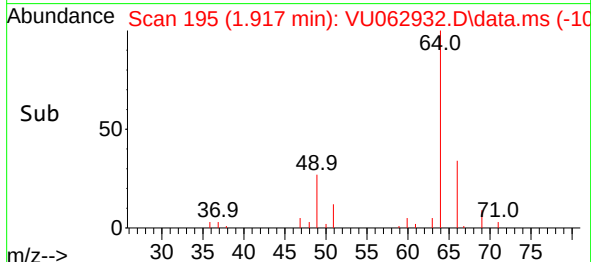
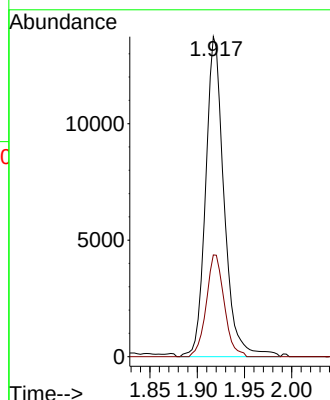
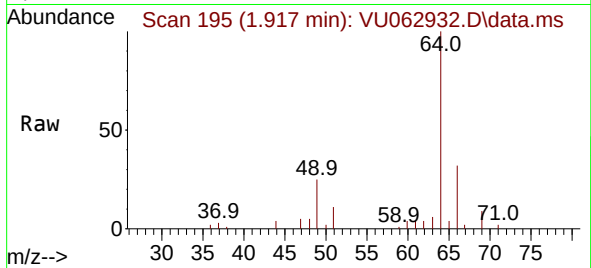




#8
Chloroethane
Concen: 4.497 ug/L
RT: 1.917 min Scan# 195
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

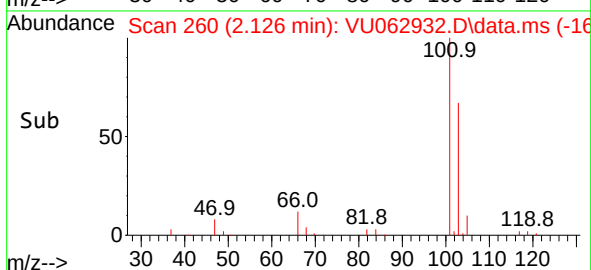
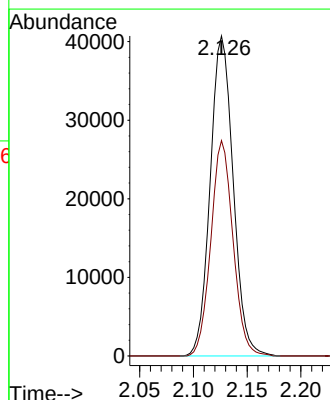
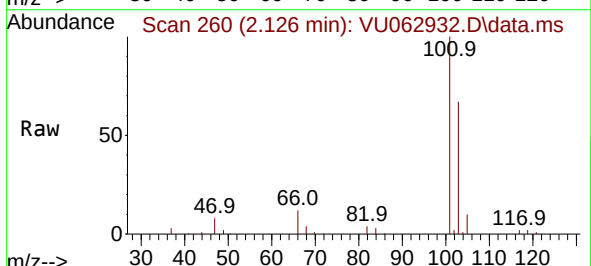
Instrument :
MSVOA_U
ClientSampleId :

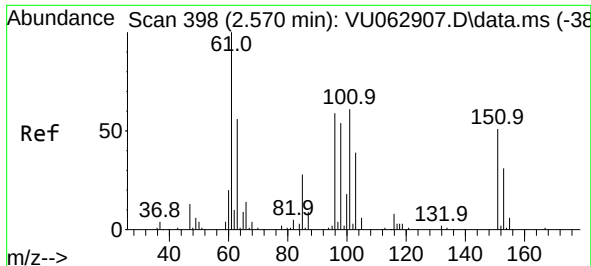
Tgt Ion: 64 Resp: 18677
Ion Ratio Lower Upper
64 100
66 31.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.339 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion:101 Resp: 60509
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

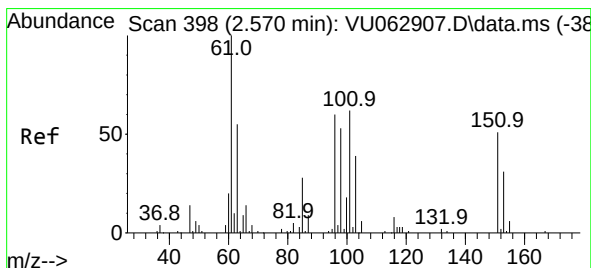
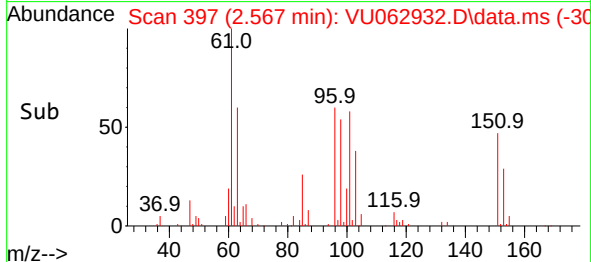
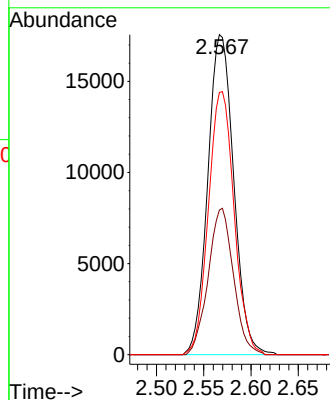
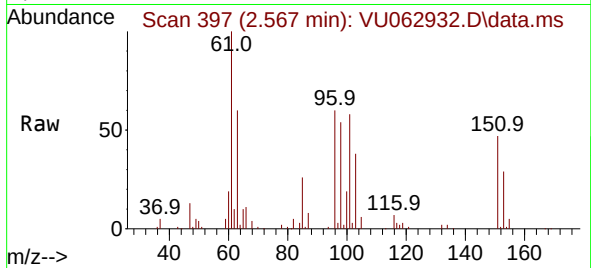




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.973 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

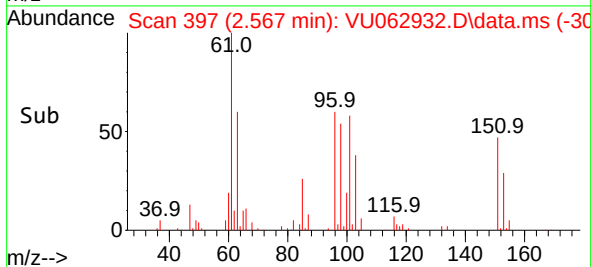
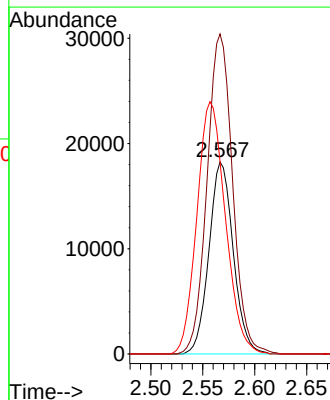
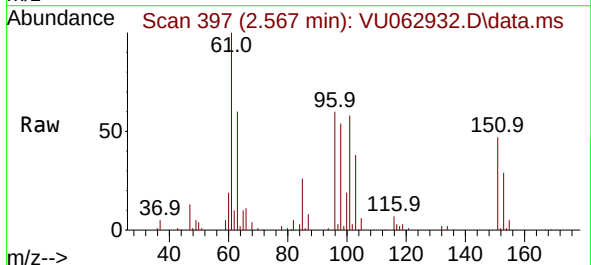
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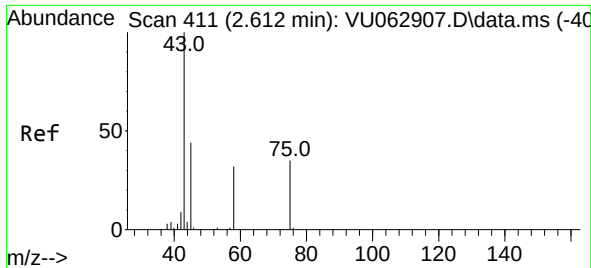
Tgt Ion:101 Resp: 33503
 Ion Ratio Lower Upper
 101 100
 85 44.5 37.0 55.6
 151 81.6 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.974 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

Tgt Ion: 96 Resp: 29652
 Ion Ratio Lower Upper
 96 100
 61 166.6 120.4 223.6
 63 100.2 82.3 152.9





#13

Acetone

Concen: 47.647 ug/L

RT: 2.612 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Instrument :

MSVOA_U

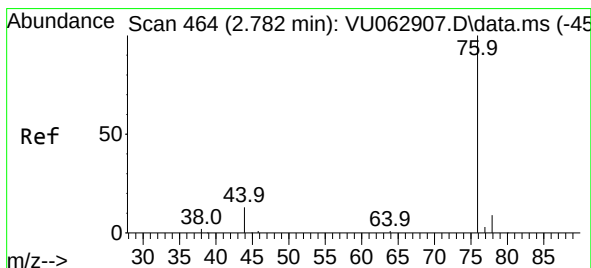
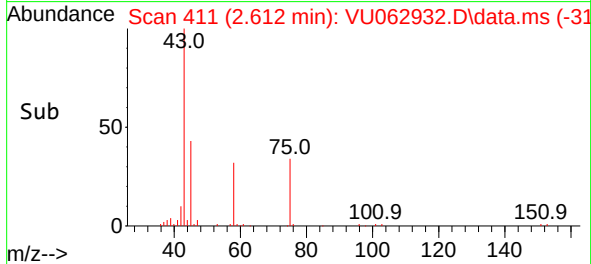
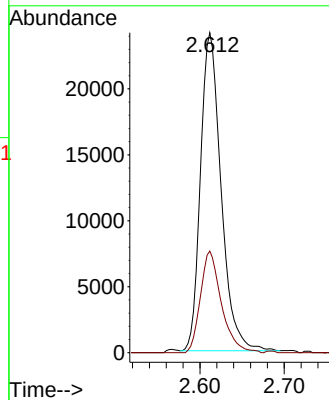
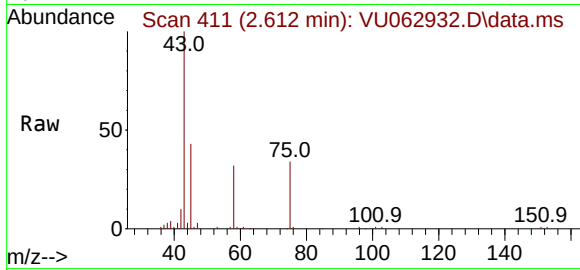
ClientSampleId :

Tgt Ion: 43 Resp: 41028

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.4



#14

Carbon disulfide

Concen: 4.306 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU062932.D

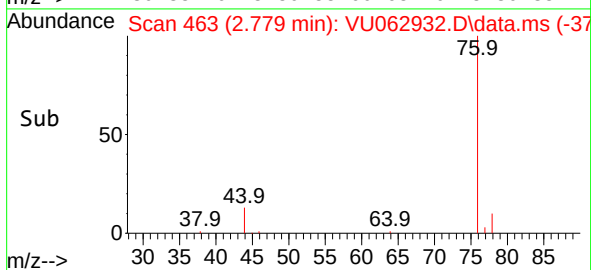
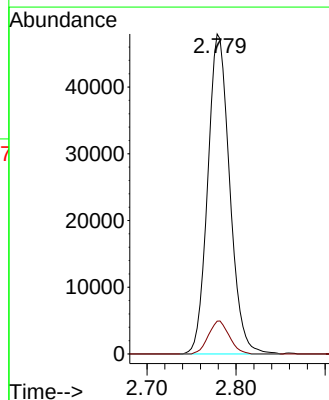
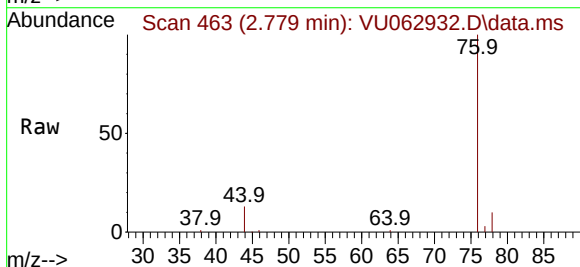
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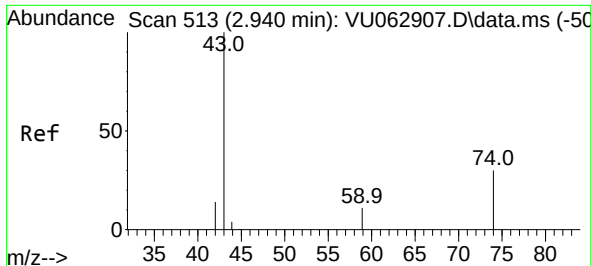
Tgt Ion: 76 Resp: 81983

Ion Ratio Lower Upper

76 100

78 10.2 7.0 10.6

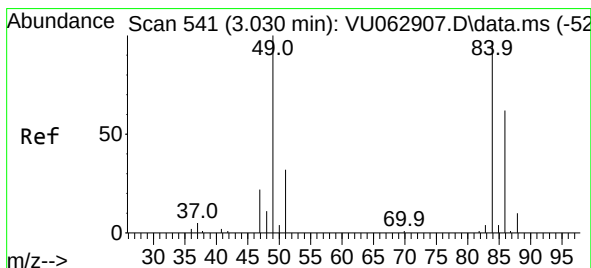
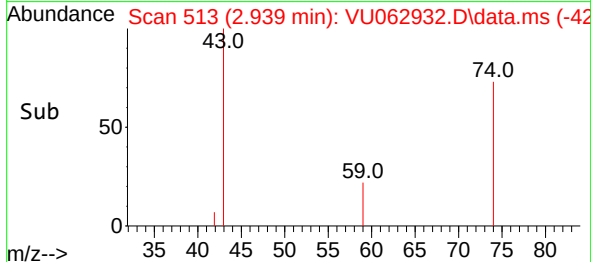
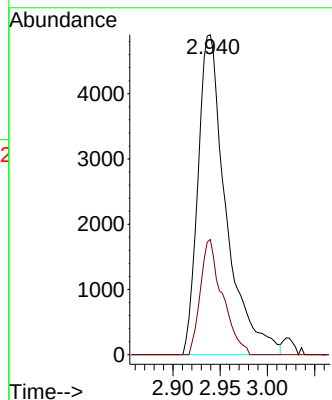
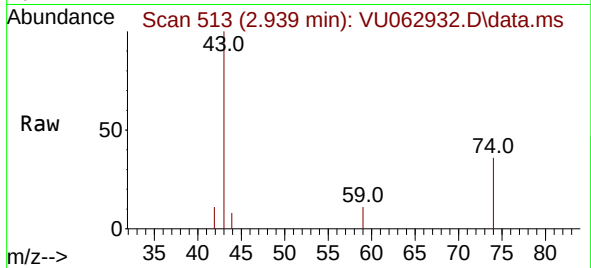




#15
Methyl Acetate
Concen: 5.411 ug/L
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

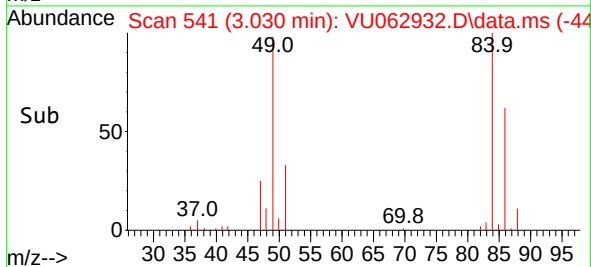
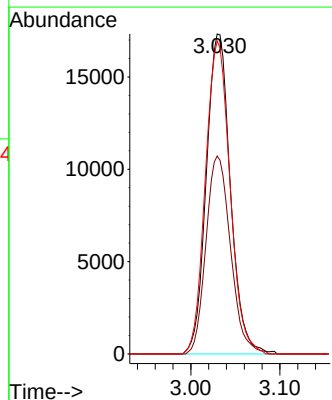
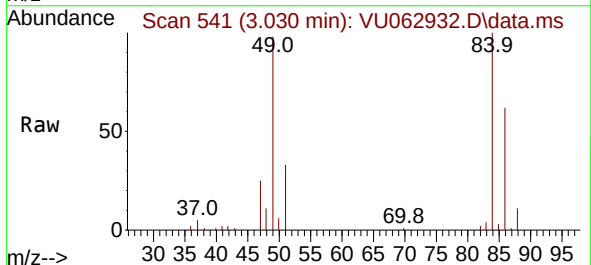
Instrument :
MSVOA_U
ClientSampleId :

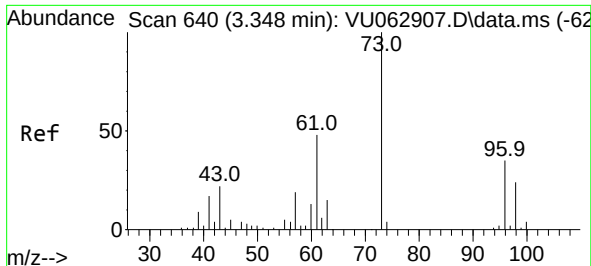
Tgt Ion: 43 Resp: 10088
Ion Ratio Lower Upper
43 100
74 28.3 24.4 36.6



#16
Methylene chloride
Concen: 4.977 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

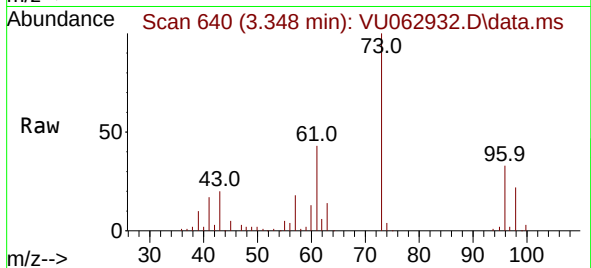
Tgt Ion: 84 Resp: 32502
Ion Ratio Lower Upper
84 100
86 61.9 44.7 83.1
49 97.8 68.3 126.9



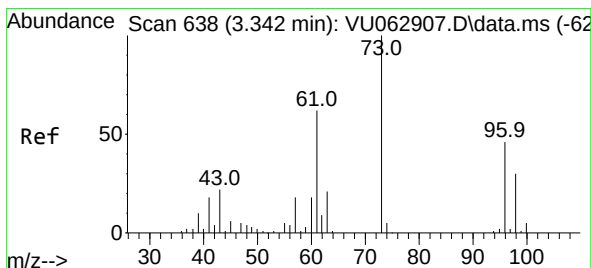
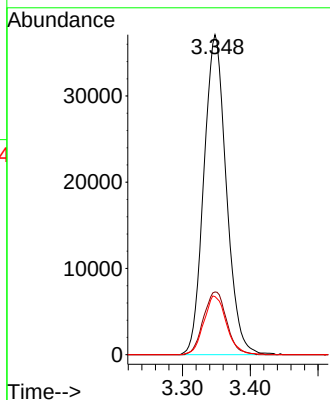
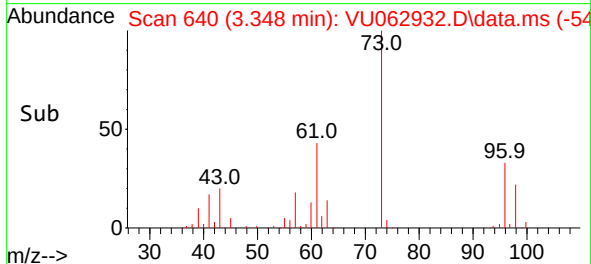


#17
Methyl tert-butyl Ether
Concen: 5.222 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

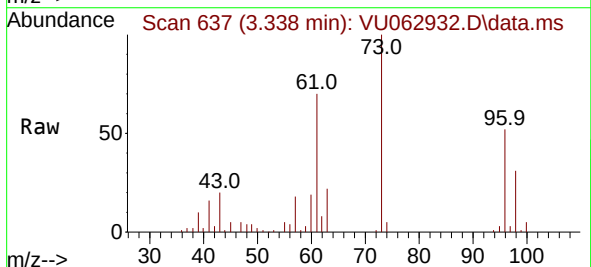
Instrument :
MSVOA_U
ClientSampleId :



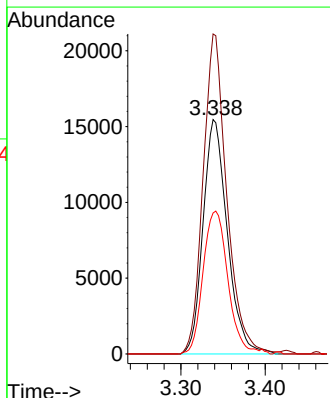
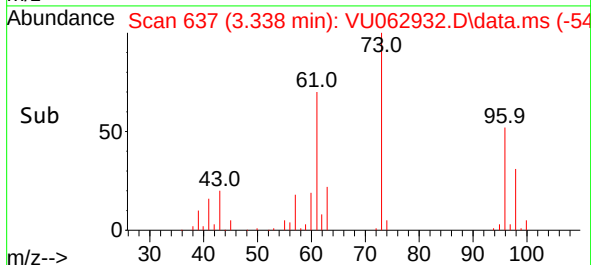
Tgt Ion: 73 Resp: 85557
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.4
57 18.5 14.6 22.0

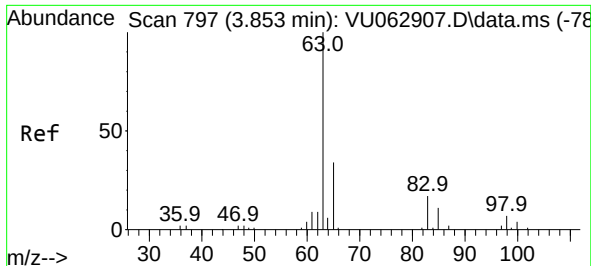


#18
trans-1,2-Dichloroethene
Concen: 4.852 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25



Tgt Ion: 96 Resp: 30989
Ion Ratio Lower Upper
96 100
61 136.6 94.4 175.2
98 60.2 42.8 79.4

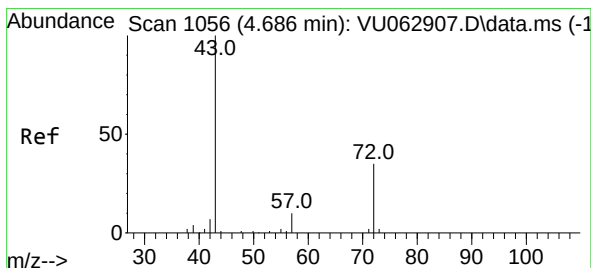
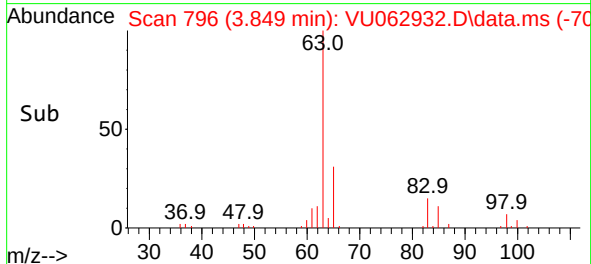
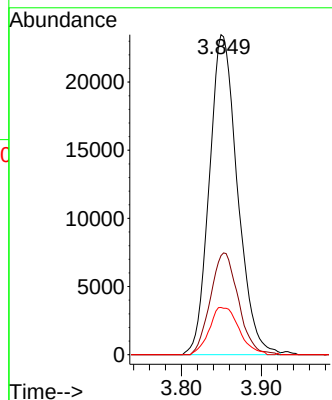
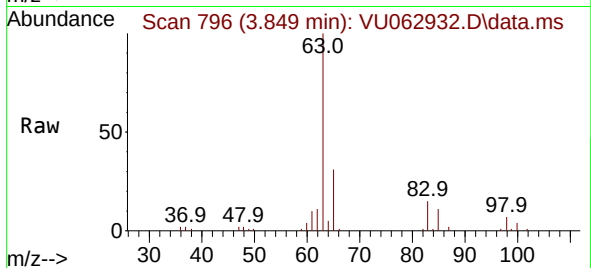




#19
1,1-Dichloroethane
Concen: 5.018 ug/L
RT: 3.849 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

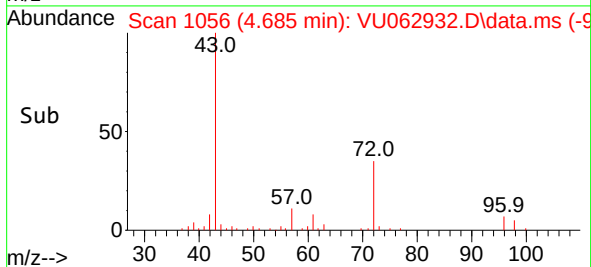
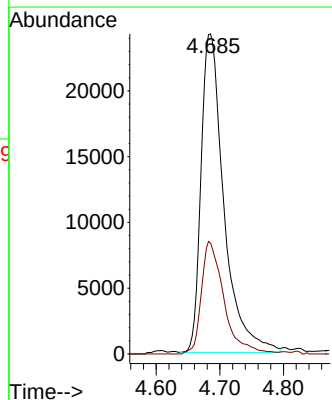
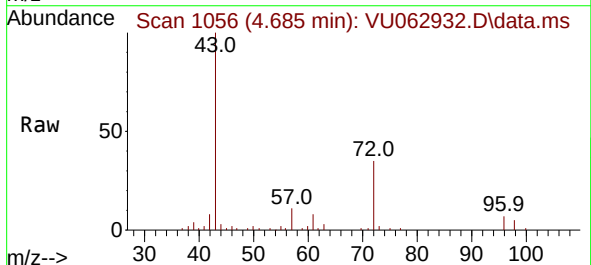
Instrument :
MSVOA_U
ClientSampleId :

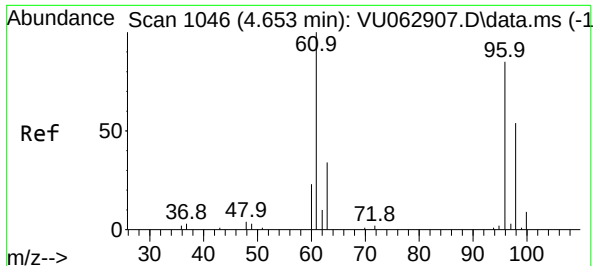
Tgt Ion: 63 Resp: 57304
Ion Ratio Lower Upper
63 100
65 30.9 20.7 38.5
83 14.8 10.5 19.5



#21
2-Butanone
Concen: 52.733 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion: 43 Resp: 60474
Ion Ratio Lower Upper
43 100
72 34.8 17.1 51.2

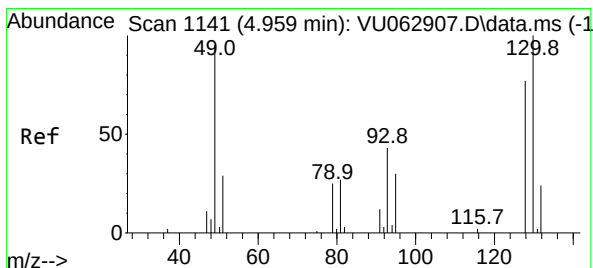
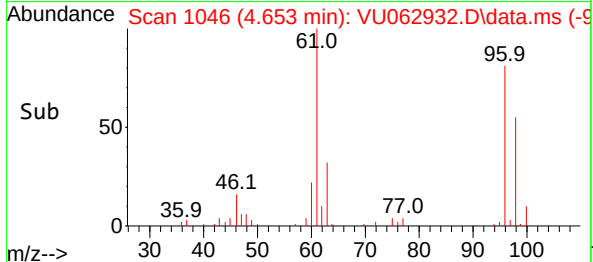
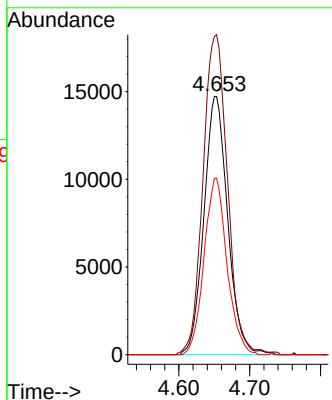
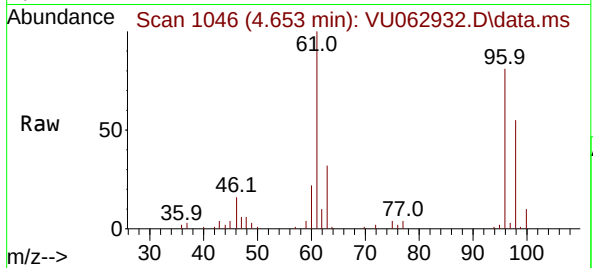




#22
 cis-1,2-Dichloroethene
 Concen: 4.944 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

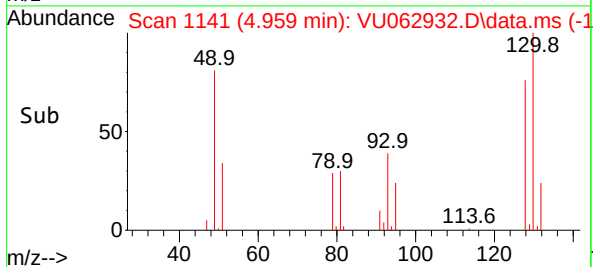
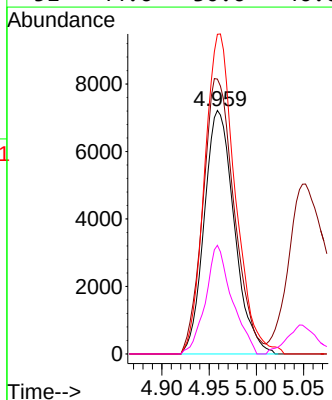
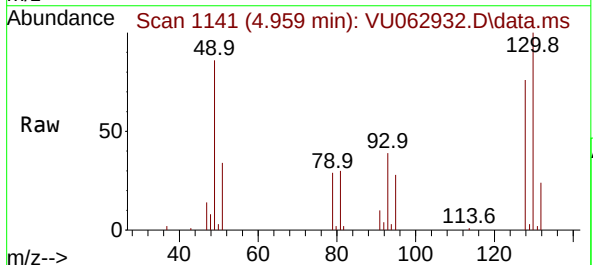
Instrument :
 MSVOA_U
 ClientSampleId :

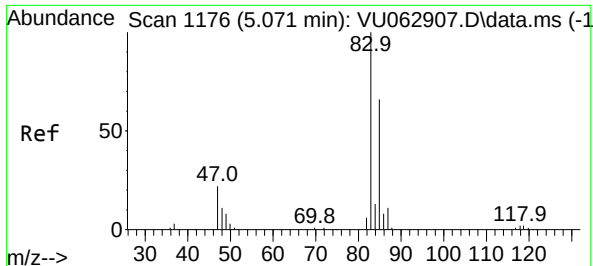
Tgt Ion: 96 Resp: 34384
 Ion Ratio Lower Upper
 96 100
 61 123.9 84.8 157.6
 98 68.3 43.1 80.1



#23
 Bromochloromethane
 Concen: 4.855 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

Tgt Ion: 128 Resp: 15941
 Ion Ratio Lower Upper
 128 100
 49 112.9 81.1 150.7
 130 131.3 94.9 176.3
 51 44.6 30.6 46.0

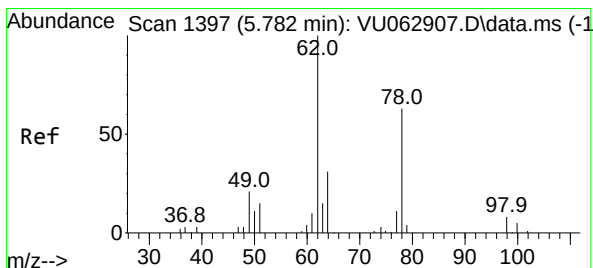
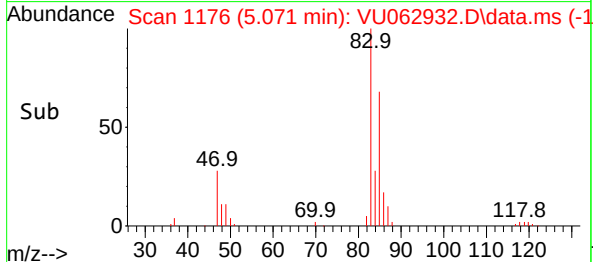
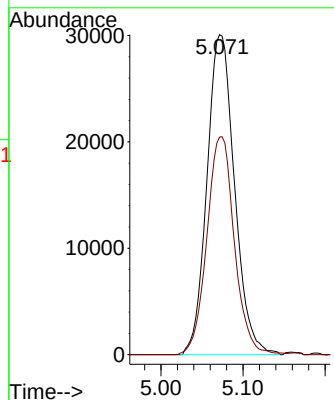
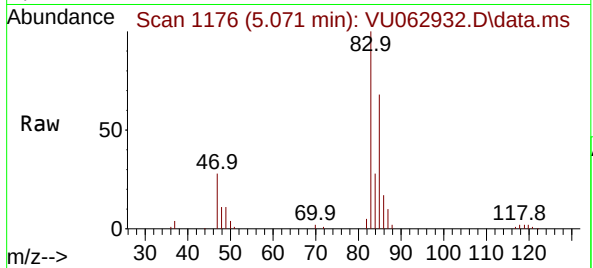




#25
Chloroform
Concen: 5.006 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

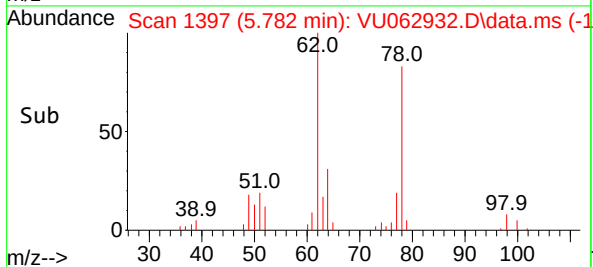
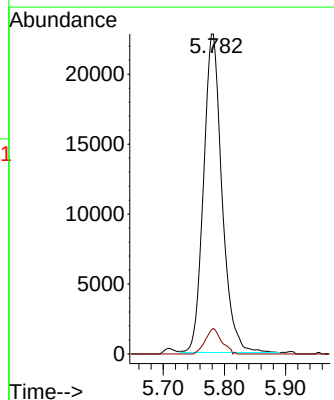
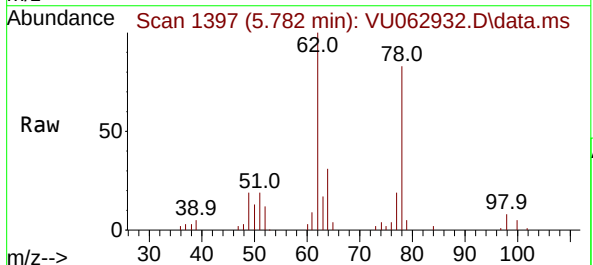
Instrument :
MSVOA_U
ClientSampleId :

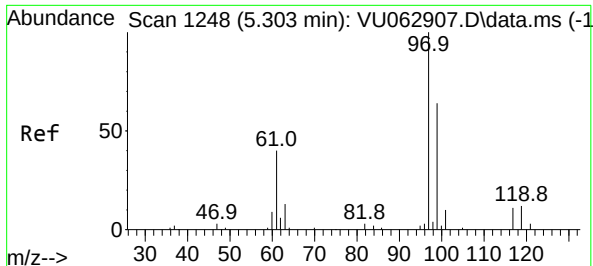
Tgt Ion: 83 Resp: 70352
Ion Ratio Lower Upper
83 100
85 68.0 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.202 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion: 62 Resp: 47801
Ion Ratio Lower Upper
62 100
98 8.0 5.8 8.6

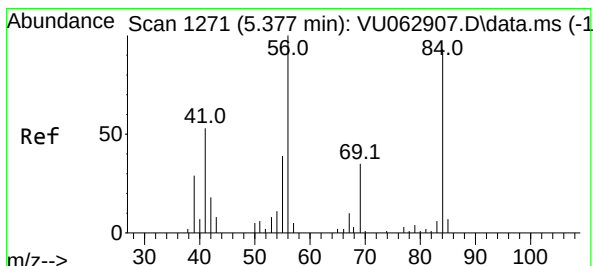
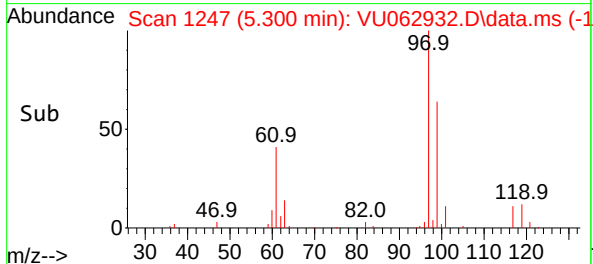
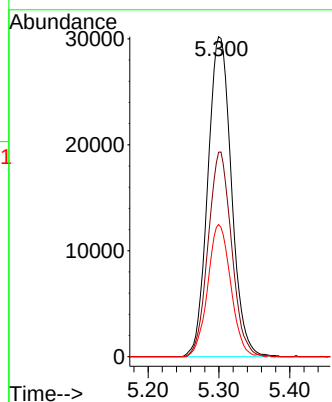
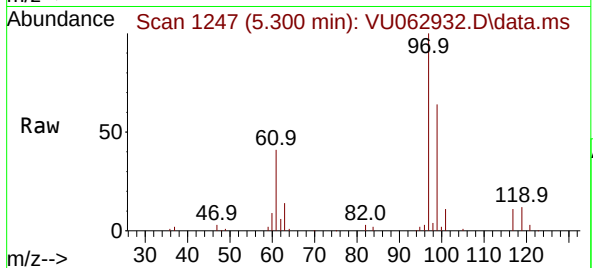




#29
1,1,1-Trichloroethane
Concen: 6.081 ug/L
RT: 5.300 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

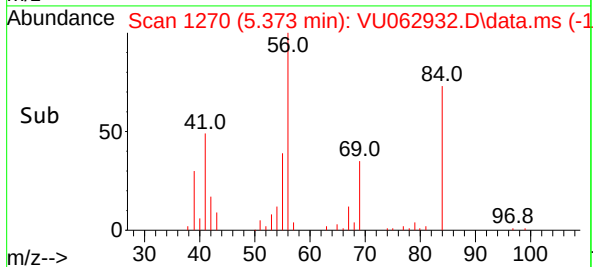
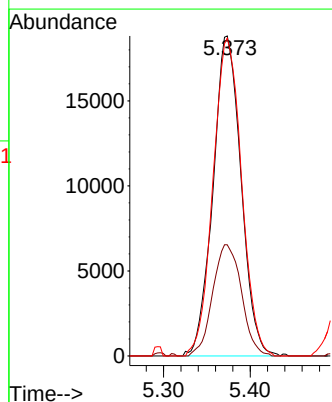
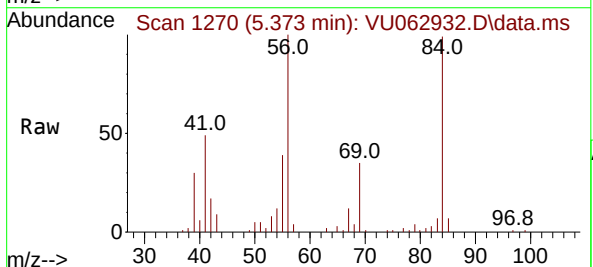
Instrument :
MSVOA_U
ClientSampleId :

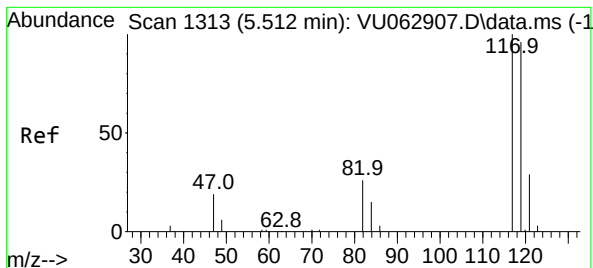
Tgt Ion: 97 Resp: 69909
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 40.1 32.2 48.4



#30
Cyclohexane
Concen: 5.634 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion: 56 Resp: 42301
Ion Ratio Lower Upper
56 100
69 35.7 28.3 42.5
84 100.9 76.5 114.7





#31

Carbon tetrachloride

Concen: 5.981 ug/L

RT: 5.512 min Scan# 117

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Instrument :

MSVOA_U

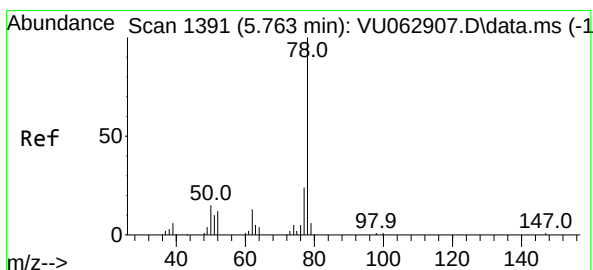
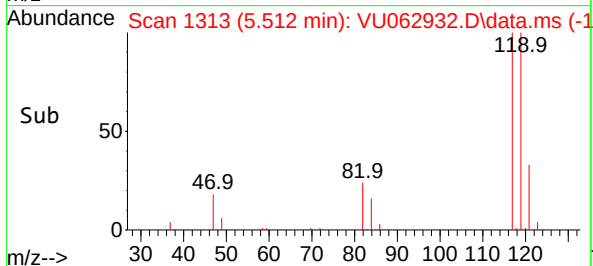
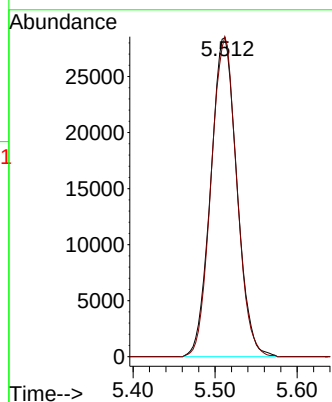
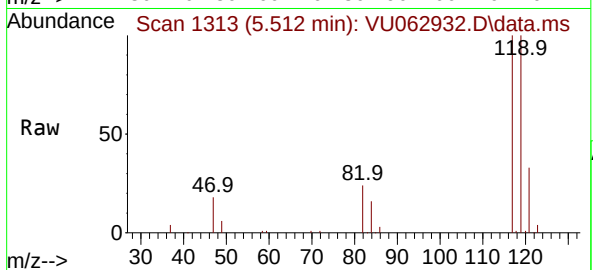
ClientSampleId :

Tgt Ion:117 Resp: 63194

Ion Ratio Lower Upper

117 100

119 97.9 78.6 118.0



#33

Benzene

Concen: 5.819 ug/L

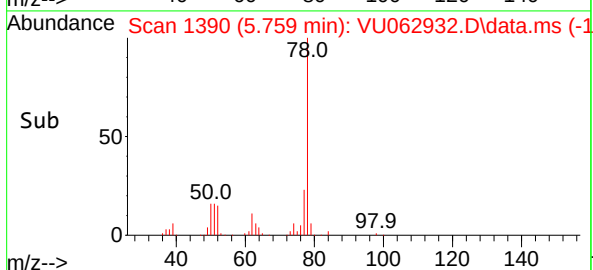
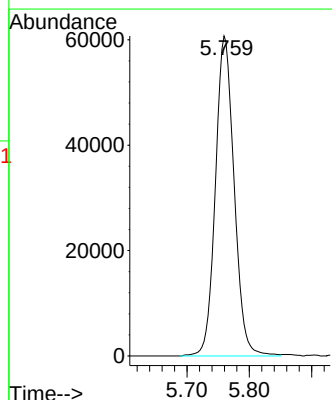
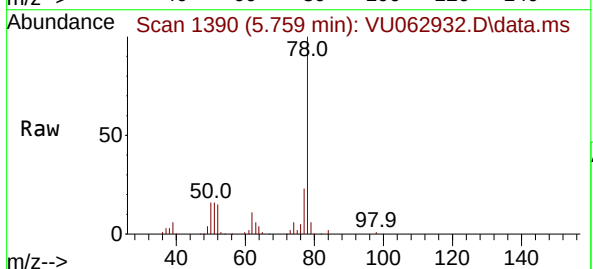
RT: 5.759 min Scan# 1390

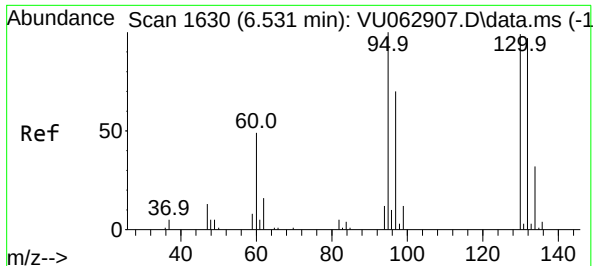
Delta R.T. -0.003 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Tgt Ion: 78 Resp: 126721

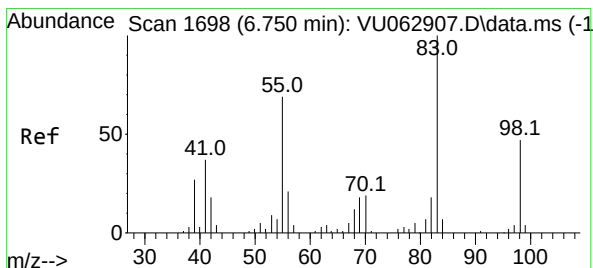
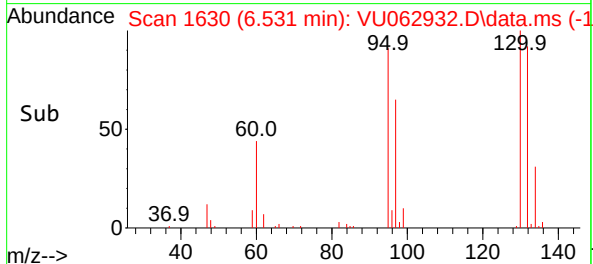
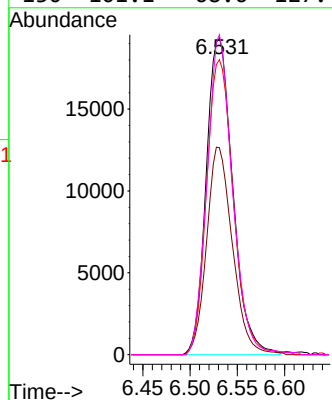
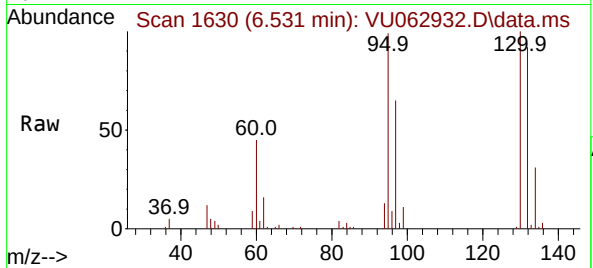




#34
Trichloroethene
Concen: 5.082 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

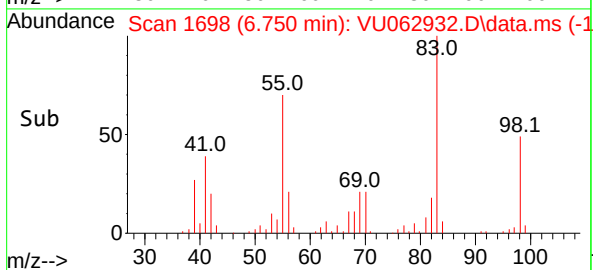
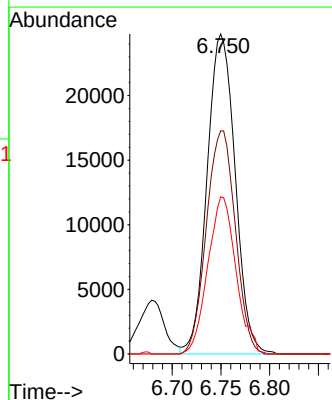
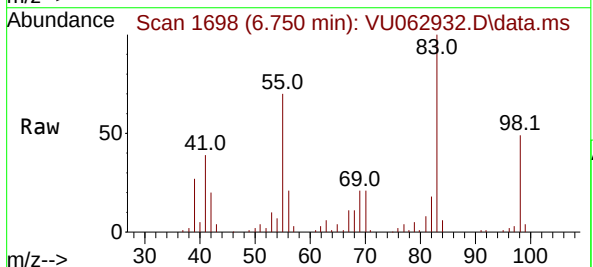
Instrument :
MSVOA_U
ClientSampleId :

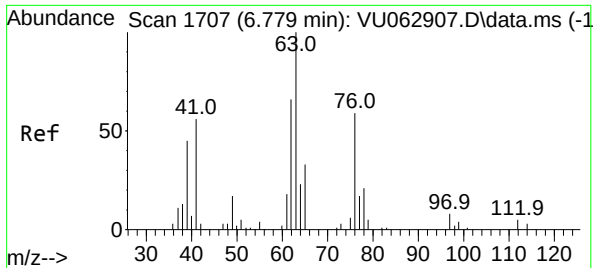
Tgt Ion: 95 Resp: 37805
Ion Ratio Lower Upper
95 100
97 65.4 47.5 88.3
132 93.2 66.9 124.3
130 101.1 68.6 127.4



#35
Methylcyclohexane
Concen: 5.425 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion: 83 Resp: 49653
Ion Ratio Lower Upper
83 100
55 71.8 57.2 85.8
98 49.3 36.6 55.0

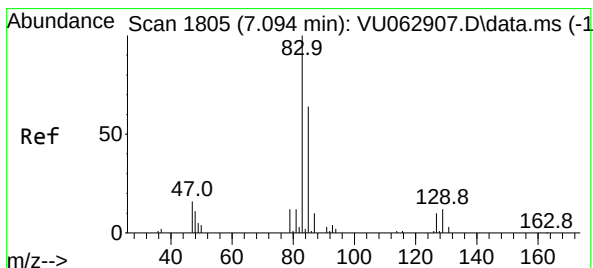
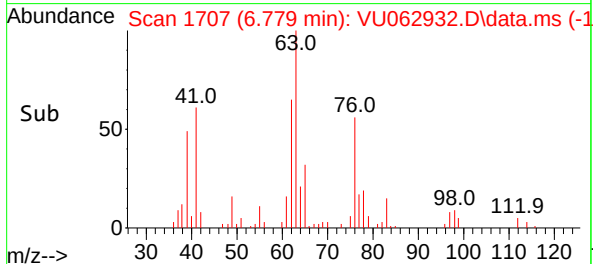
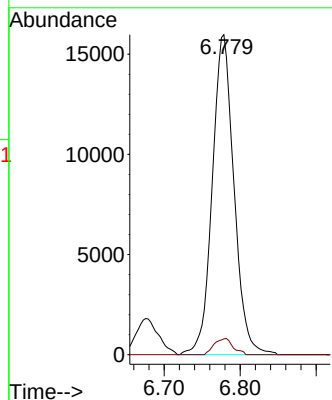
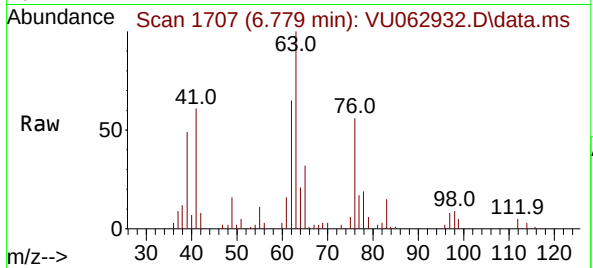




#37
1,2-Dichloropropane
Concen: 6.170 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

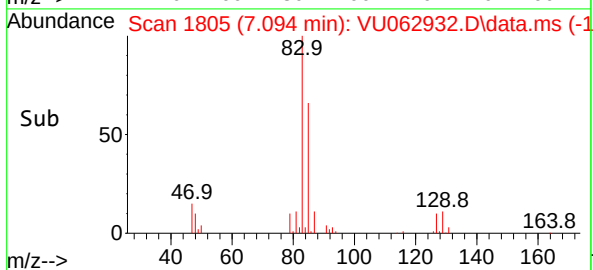
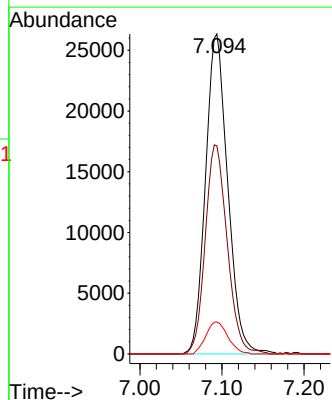
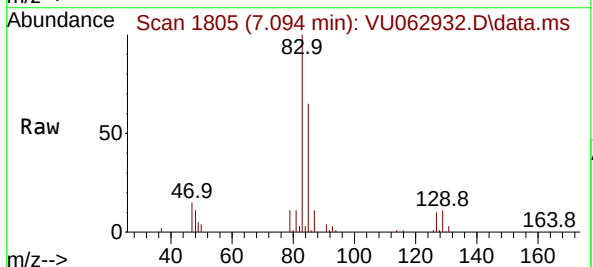
Instrument :
MSVOA_U
ClientSampleId :

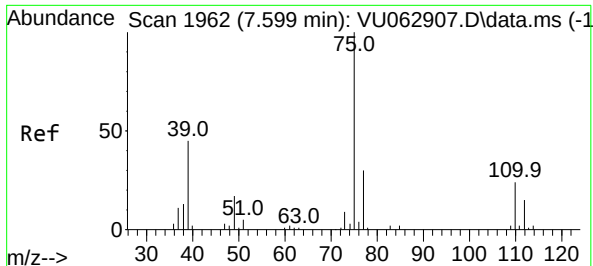
Tgt Ion: 63 Resp: 31697
Ion Ratio Lower Upper
63 100
112 4.4 3.8 5.8



#38
Bromodichloromethane
Concen: 6.006 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion: 83 Resp: 49619
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.0
127 10.0 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.969 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Instrument :

MSVOA_U

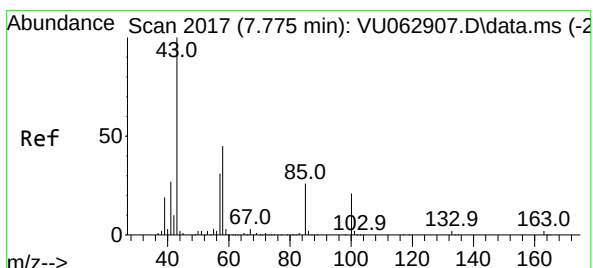
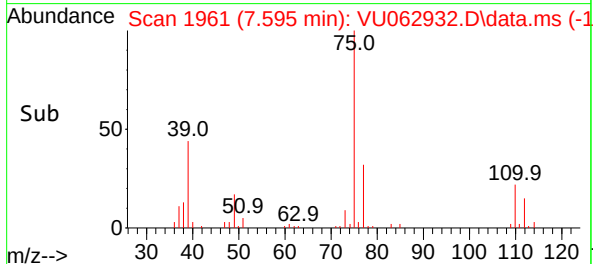
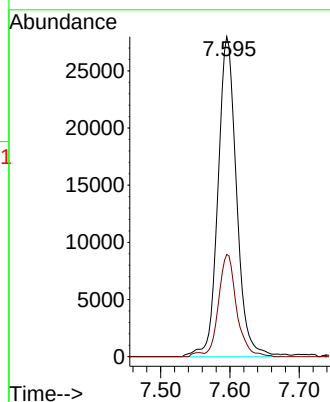
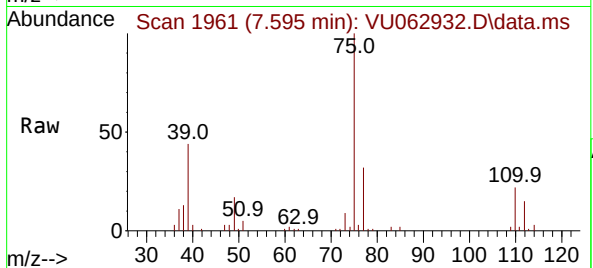
ClientSampleId :

Tgt Ion: 75 Resp: 52206

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 62.640 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

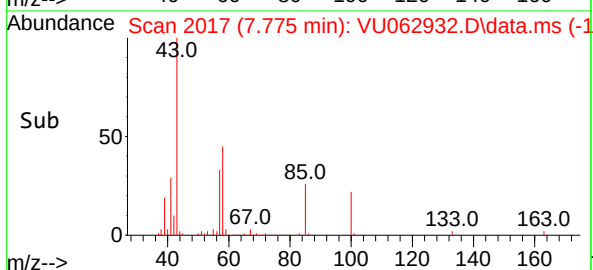
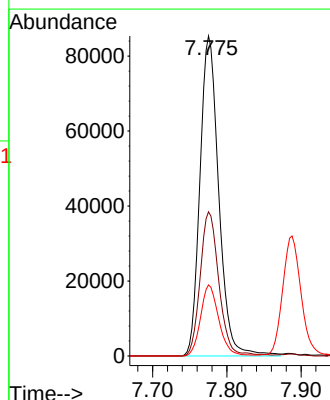
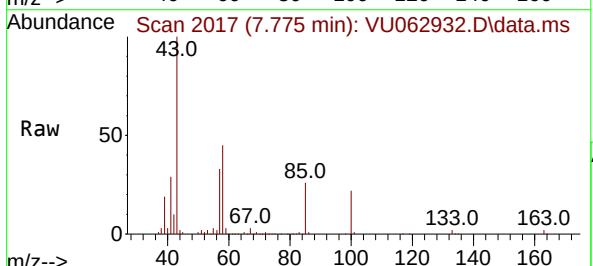
Tgt Ion: 43 Resp: 150314

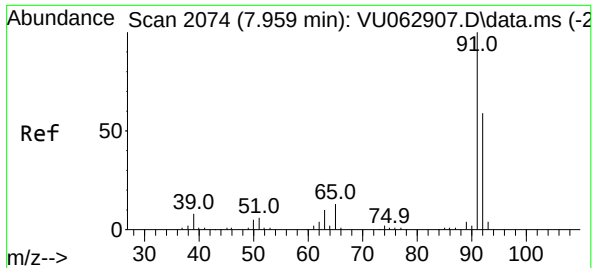
Ion Ratio Lower Upper

43 100

58 45.0 35.8 53.8

100 21.5 16.8 25.2





#42

Toluene

Concen: 5.650 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Instrument :

MSVOA_U

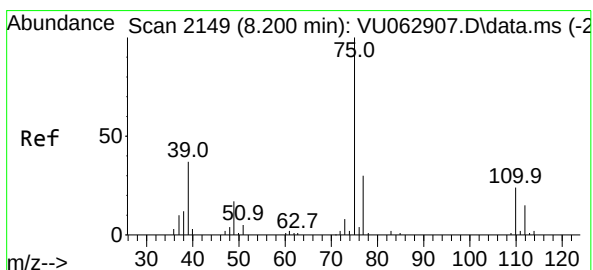
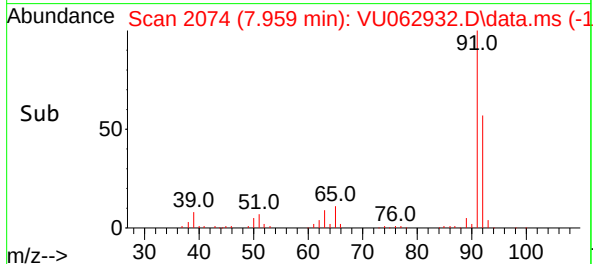
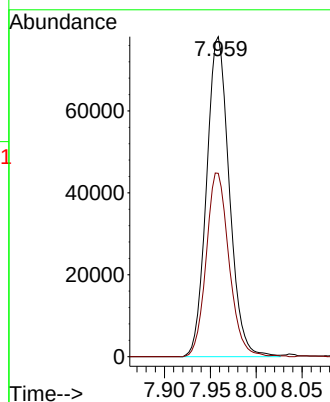
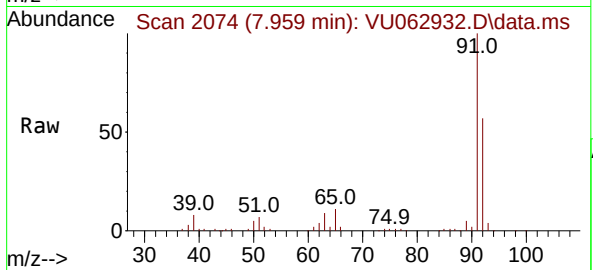
ClientSampleId :

Tgt Ion: 91 Resp: 134814

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.575 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU062932.D

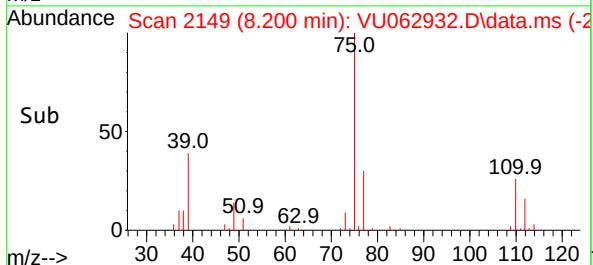
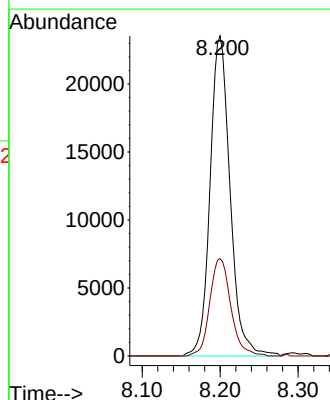
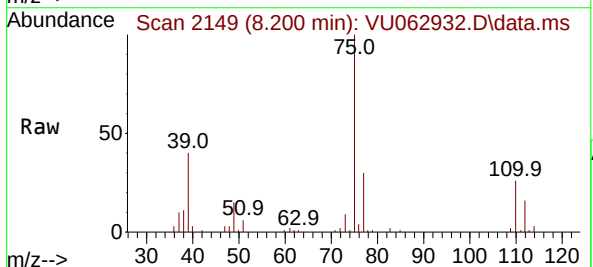
Acq: 20 Jan 2025 20:25

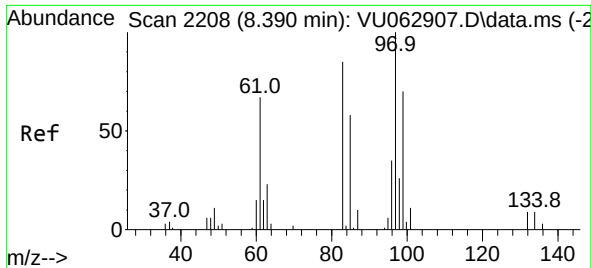
Tgt Ion: 75 Resp: 42037

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



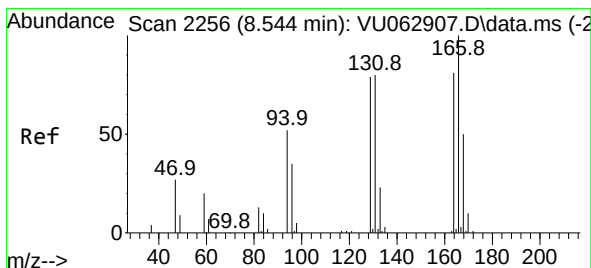
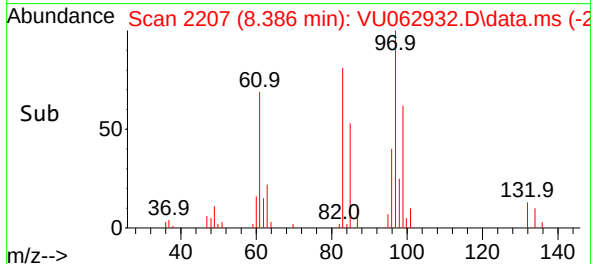
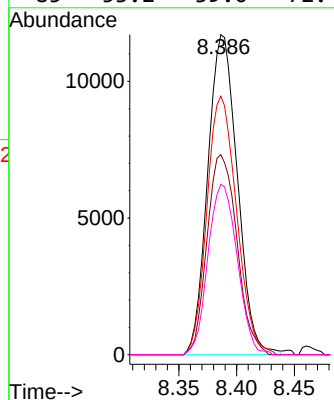
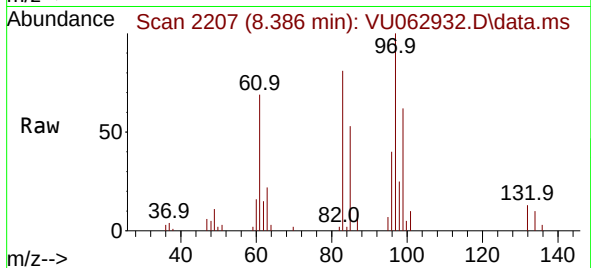


#45
1,1,2-Trichloroethane
Concen: 5.005 ug/L
RT: 8.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 20883

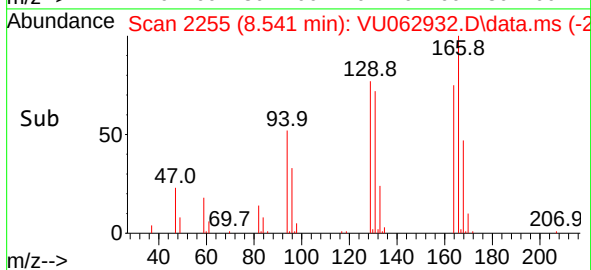
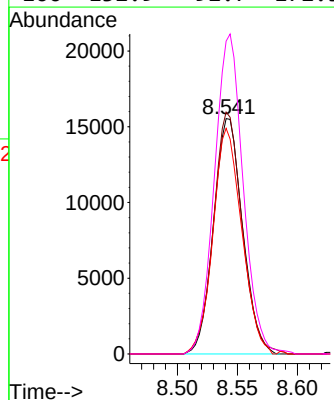
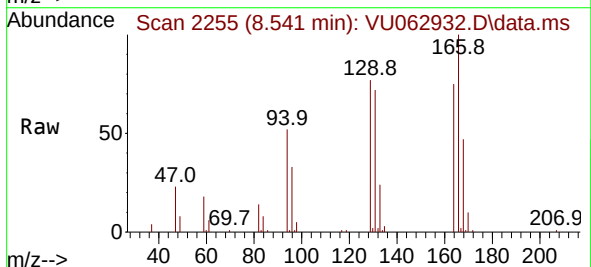
Ion	Ratio	Lower	Upper
97	100		
99	62.5	45.6	84.6
83	80.7	63.0	117.0
85	53.2	39.0	72.4

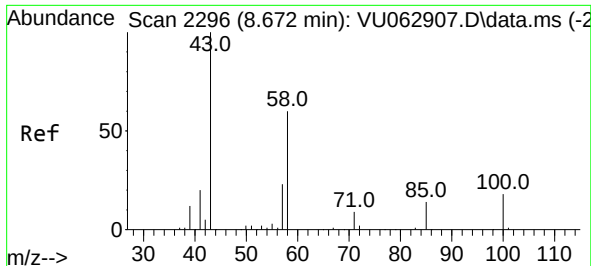


#47
Tetrachloroethene
Concen: 5.097 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion: 164 Resp: 26113

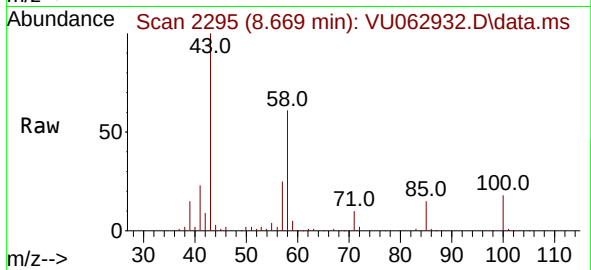
Ion	Ratio	Lower	Upper
164	100		
129	102.8	71.0	131.9
131	95.9	69.4	129.0
166	132.9	92.7	172.3



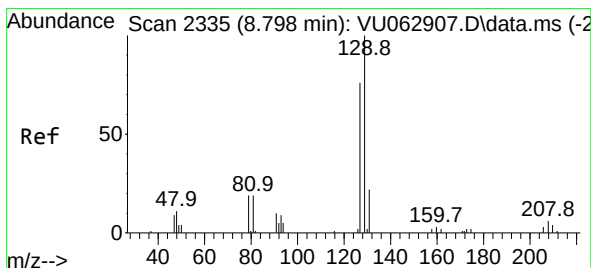
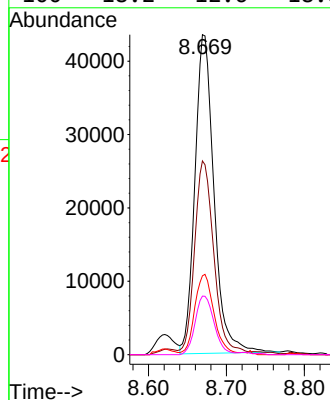
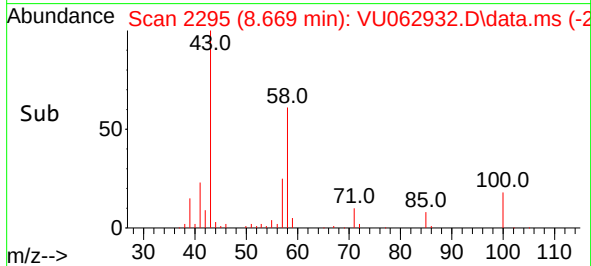


#48
2-Hexanone
Concen: 42.942 ug/L
RT: 8.669 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Instrument :
MSVOA_U
ClientSampleId :

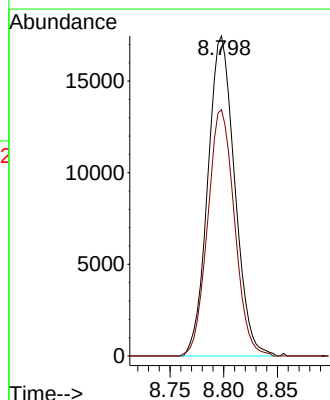
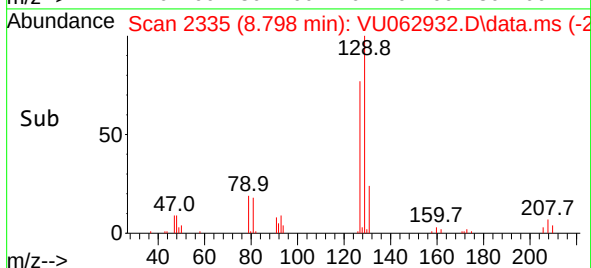
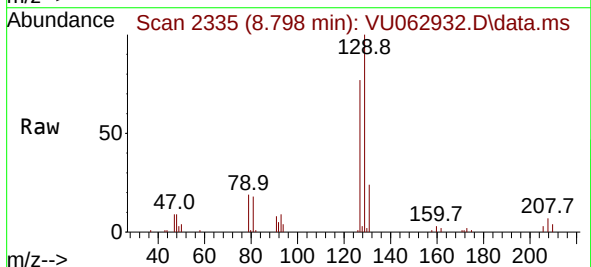


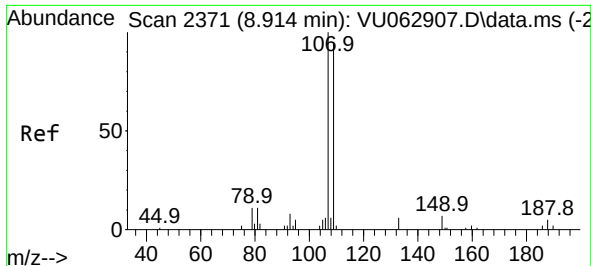
Tgt Ion: 43 Resp: 74082
Ion Ratio Lower Upper
43 100
58 59.6 50.2 75.4
57 24.3 19.9 29.9
100 18.2 12.6 18.8



#49
Dibromochloromethane
Concen: 5.429 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

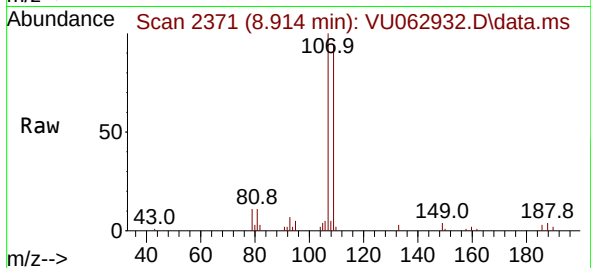
Tgt Ion: 129 Resp: 30410
Ion Ratio Lower Upper
129 100
127 76.9 52.1 96.9



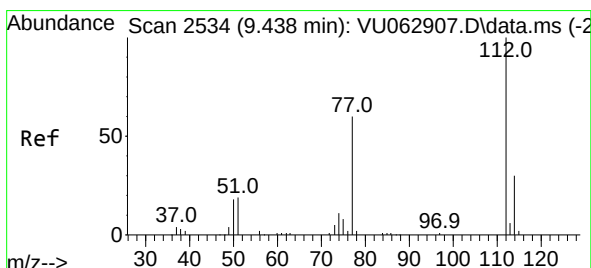
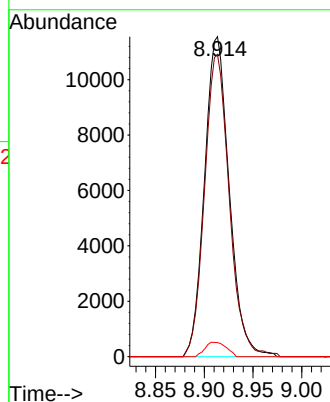
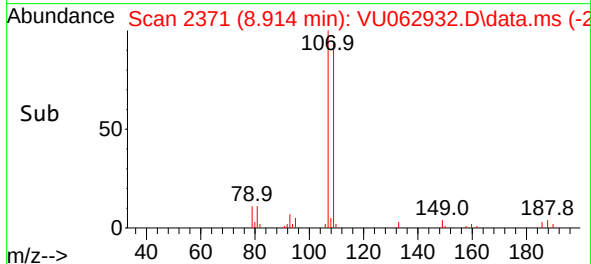


#50
1,2-Dibromoethane
Concen: 5.107 ug/L
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Instrument :
MSVOA_U
ClientSampleId :

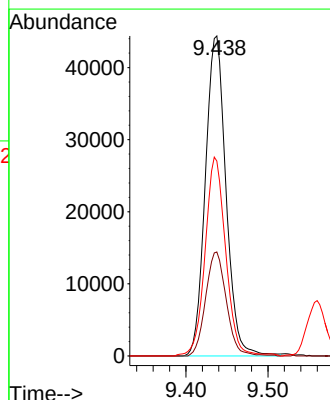
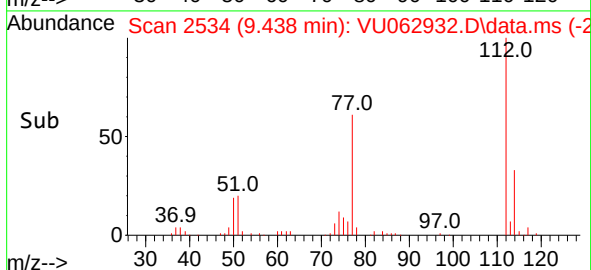
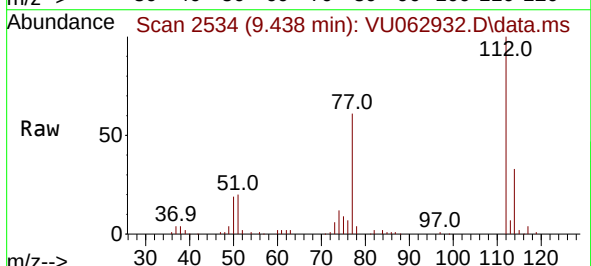


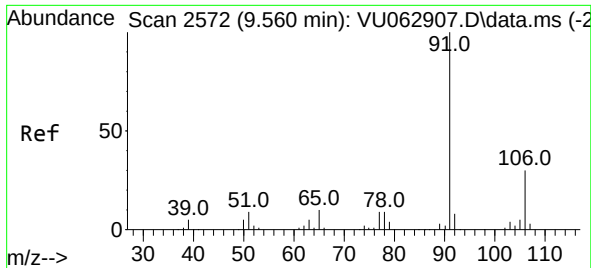
Tgt Ion:107 Resp: 20385
Ion Ratio Lower Upper
107 100
109 94.5 65.7 121.9
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 4.972 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion:112 Resp: 77589
Ion Ratio Lower Upper
112 100
114 32.5 21.7 40.3
77 60.9 48.6 73.0

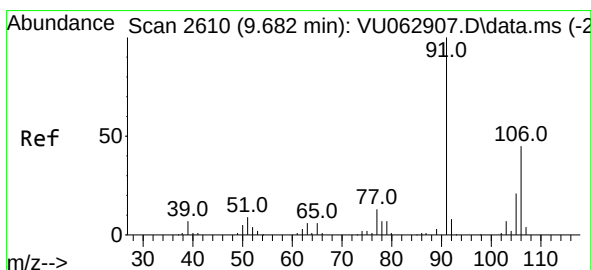
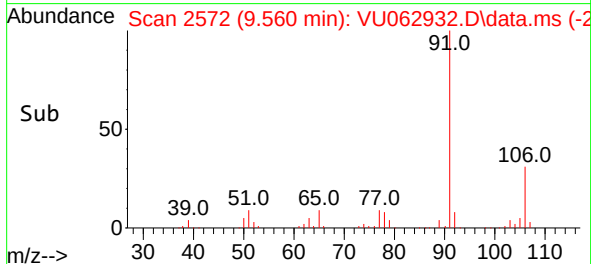
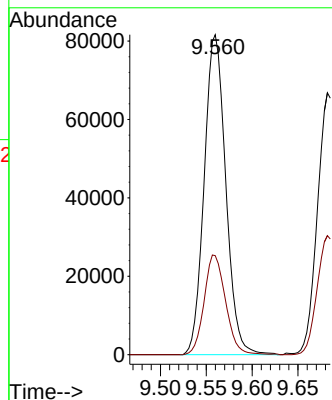
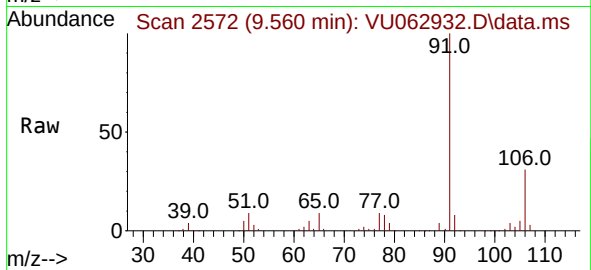




#52
Ethylbenzene
Concen: 4.932 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

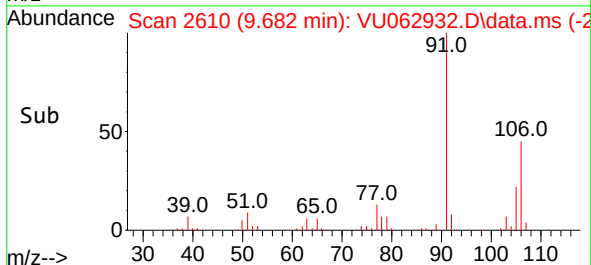
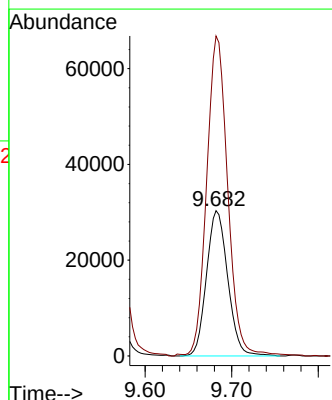
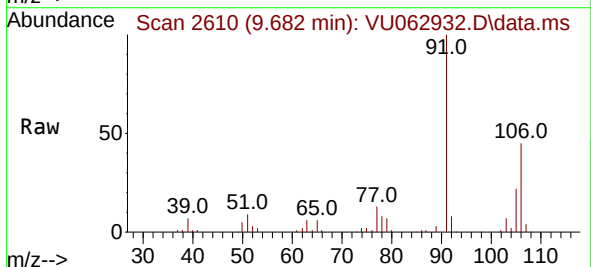
Instrument :
MSVOA_U
ClientSampleId :

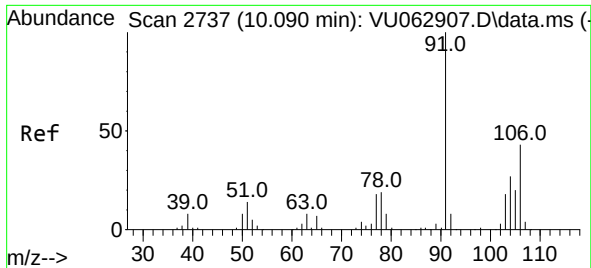
Tgt Ion: 91 Resp: 133562
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 5.110 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion:106 Resp: 51750
Ion Ratio Lower Upper
106 100
91 220.2 153.1 284.3

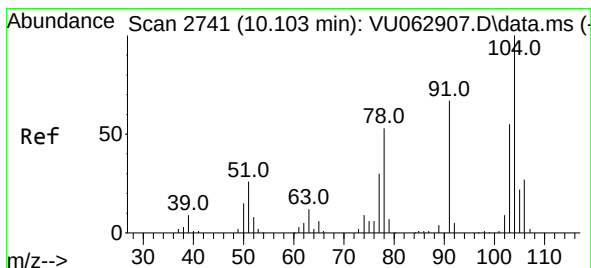
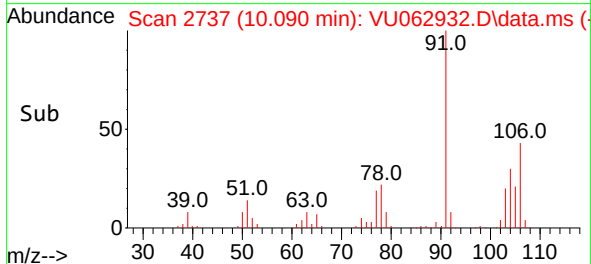
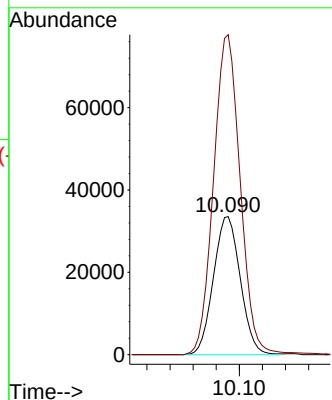
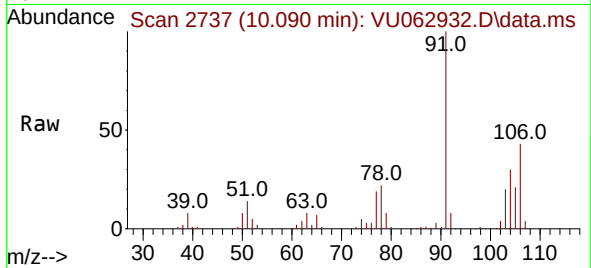




#54
o-Xylene
Concen: 5.581 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

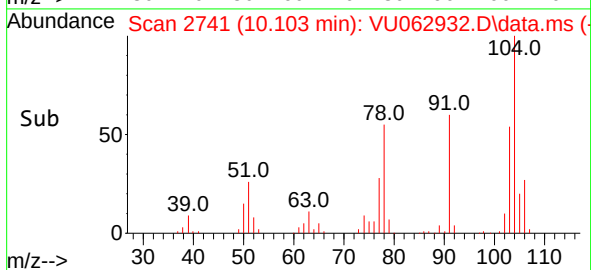
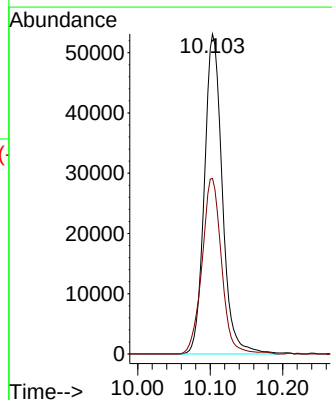
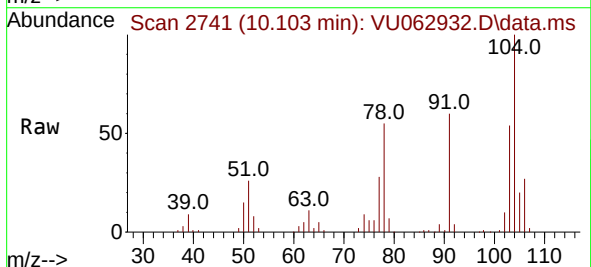
Instrument :
MSVOA_U
ClientSampleId :

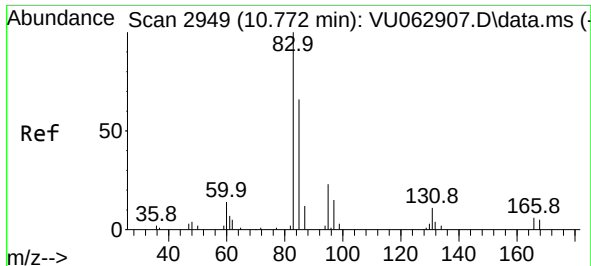
Tgt Ion:106 Resp: 54140
Ion Ratio Lower Upper
106 100
91 231.7 160.4 297.8



#55
Styrene
Concen: 5.619 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

Tgt Ion:104 Resp: 91182
Ion Ratio Lower Upper
104 100
78 54.8 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 6.297 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Instrument :

MSVOA_U

ClientSampleId :

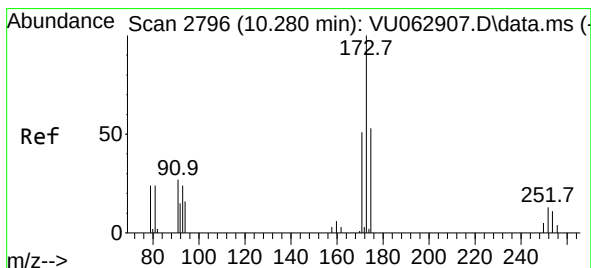
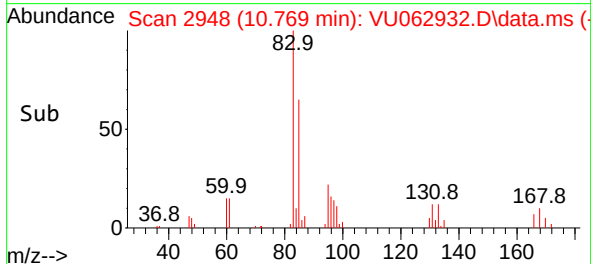
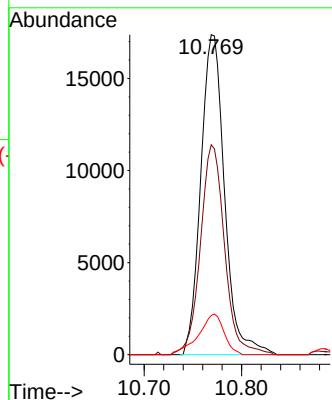
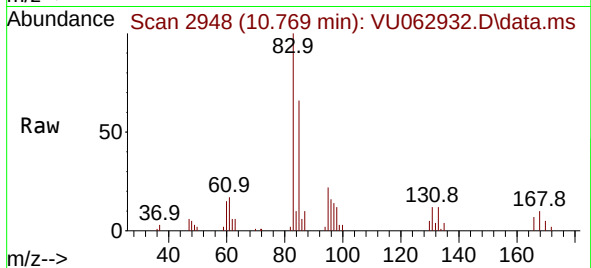
Tgt Ion: 83 Resp: 29471

Ion Ratio Lower Upper

83 100

85 65.6 43.0 79.8

131 12.3 7.4 11.0#



#59

Bromoform

Concen: 4.857 ug/L

RT: 10.277 min Scan# 2795

Delta R.T. -0.003 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

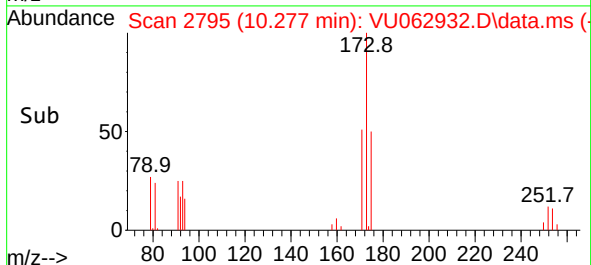
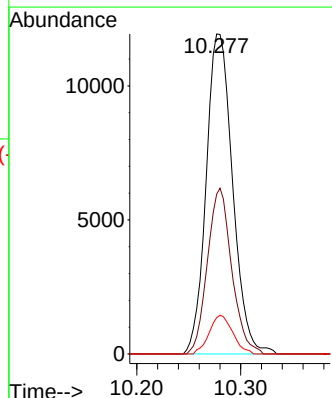
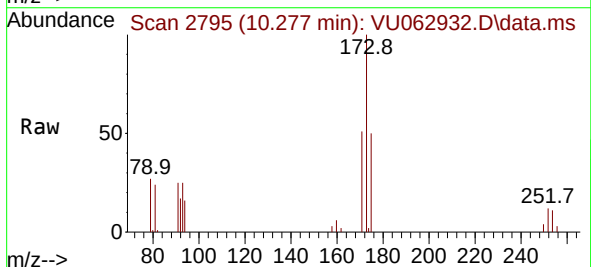
Tgt Ion:173 Resp: 21092

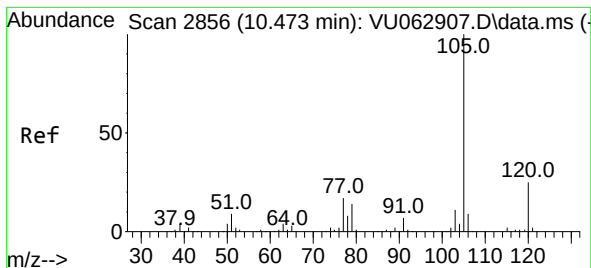
Ion Ratio Lower Upper

173 100

175 47.6 39.8 59.8

254 10.7 8.6 12.8





#60

Isopropylbenzene

Concen: 4.914 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Instrument :

MSVOA_U

ClientSampleId :

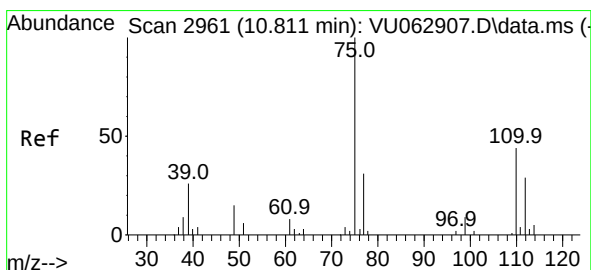
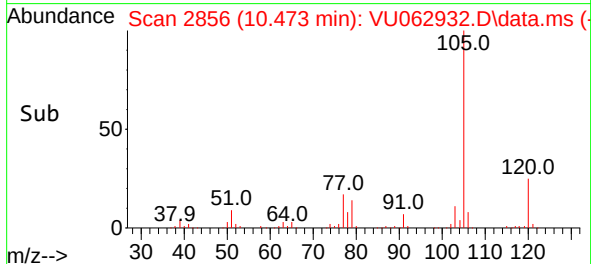
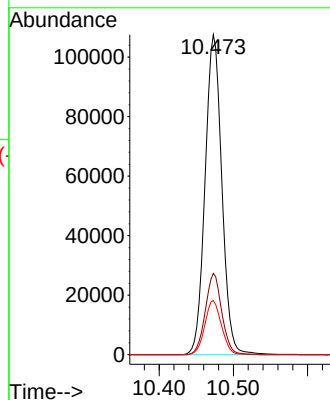
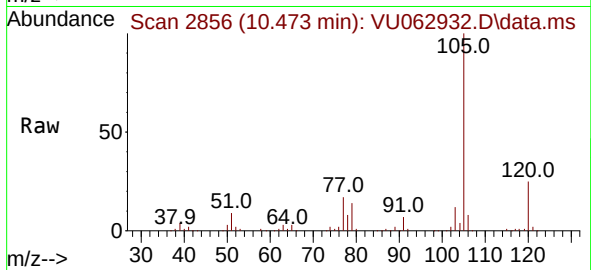
Tgt Ion:105 Resp: 168571

Ion Ratio Lower Upper

105 100

120 24.9 20.2 30.2

77 16.9 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.075 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

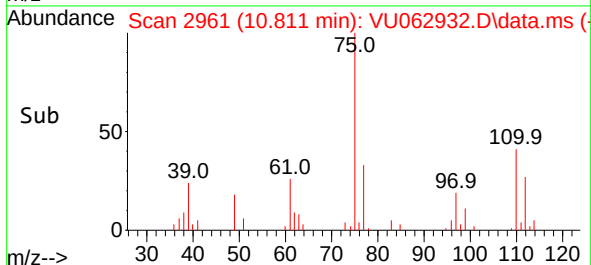
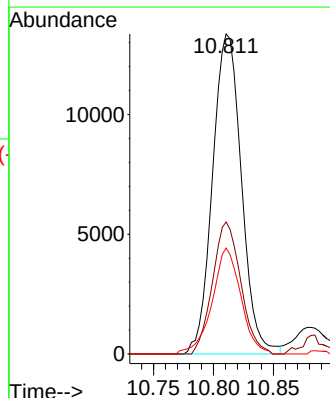
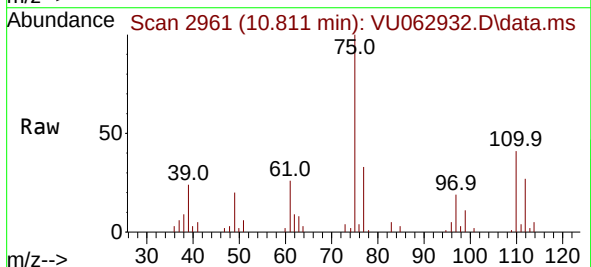
Tgt Ion: 75 Resp: 22411

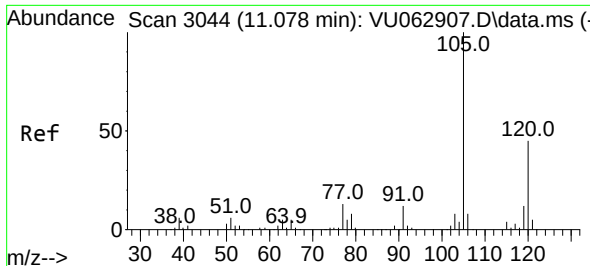
Ion Ratio Lower Upper

75 100

110 40.2 33.2 49.8

77 32.7 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.061 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Instrument :

MSVOA_U

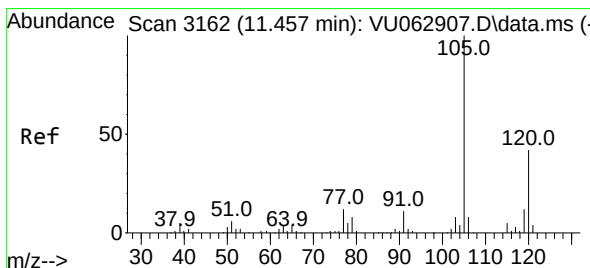
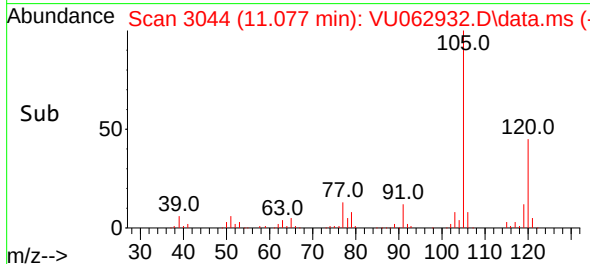
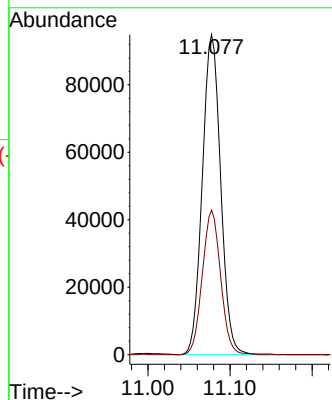
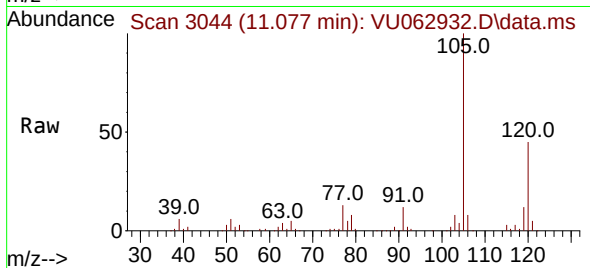
ClientSampleId :

Tgt Ion:105 Resp: 147573

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.986 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VU062932.D

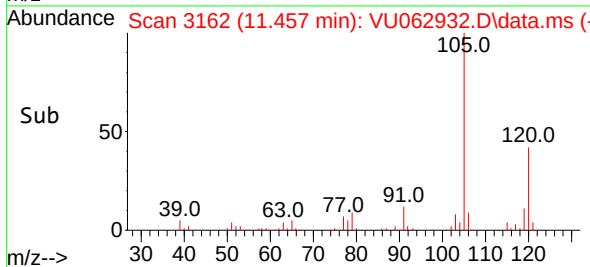
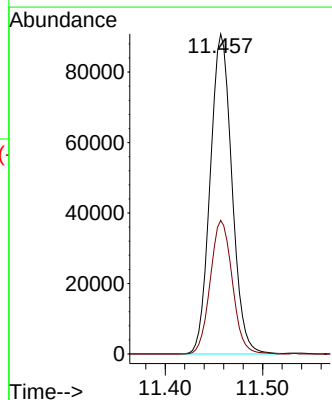
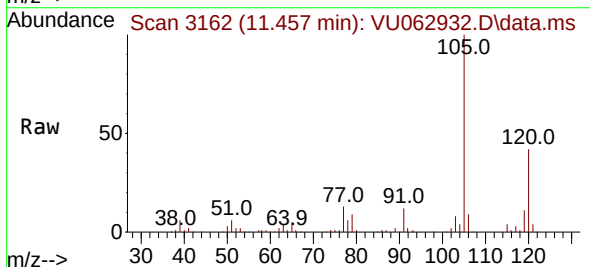
Acq: 20 Jan 2025 20:25

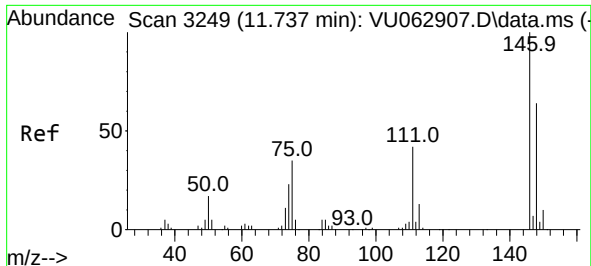
Tgt Ion:105 Resp: 140635

Ion Ratio Lower Upper

105 100

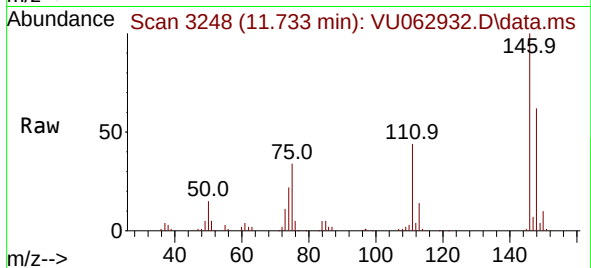
120 42.2 34.2 51.2



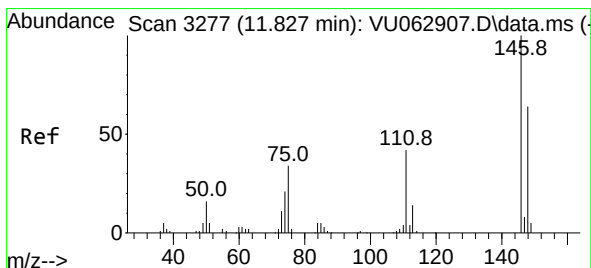
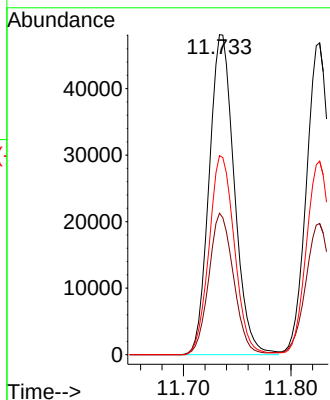
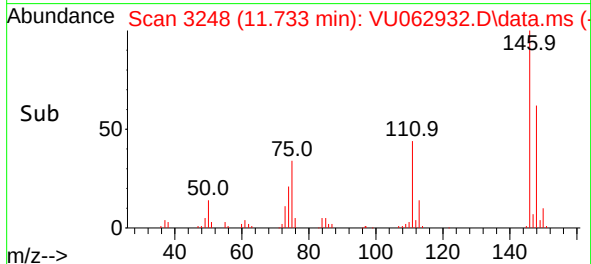


#64
1,3-Dichlorobenzene
Concen: 4.917 ug/L
RT: 11.733 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

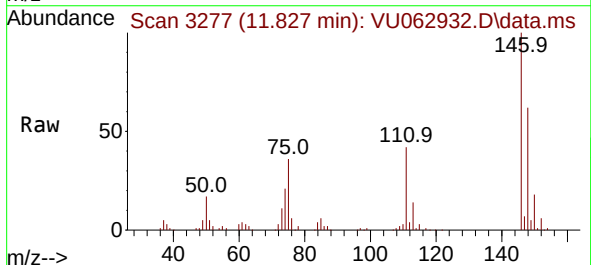
Instrument :
MSVOA_U
ClientSampleId :



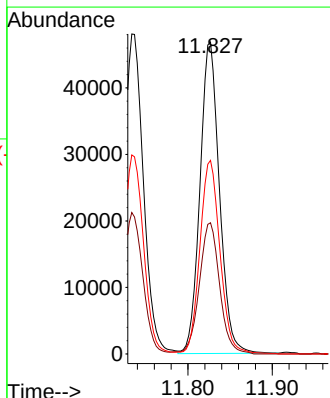
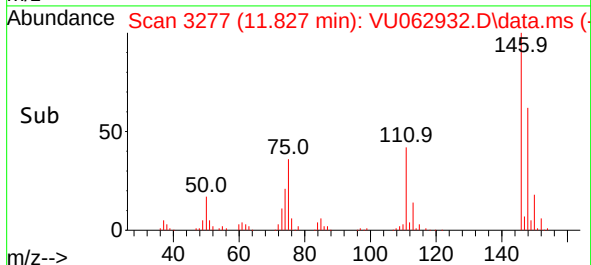
Tgt Ion:146 Resp: 78203
Ion Ratio Lower Upper
146 100
111 44.2 28.6 53.0
148 62.2 44.0 81.6

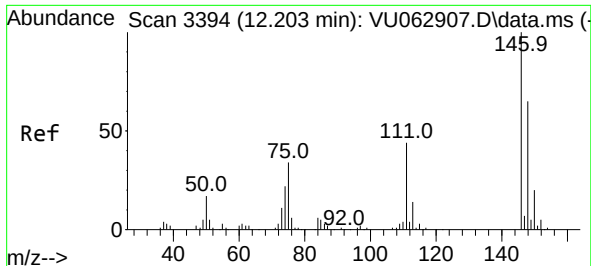


#65
1,4-Dichlorobenzene
Concen: 4.698 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25



Tgt Ion:146 Resp: 75347
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 62.1 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.825 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

Instrument :

MSVOA_U

ClientSampleId :

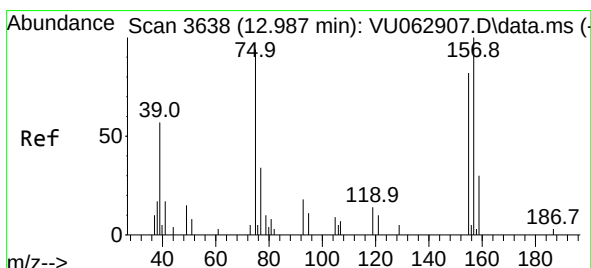
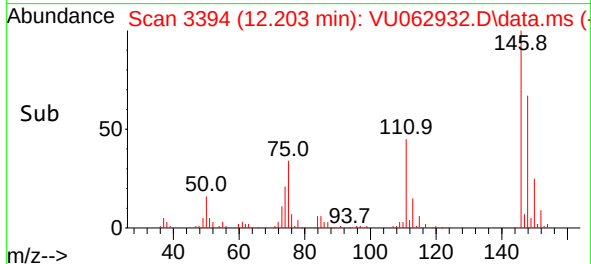
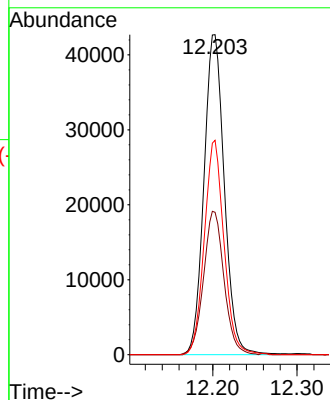
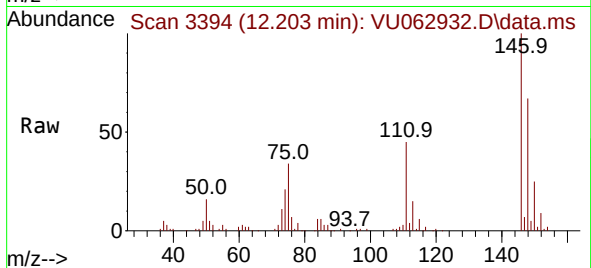
Tgt Ion:146 Resp: 71918

Ion Ratio Lower Upper

146 100

111 44.5 36.3 54.5

148 67.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.924 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062932.D

Acq: 20 Jan 2025 20:25

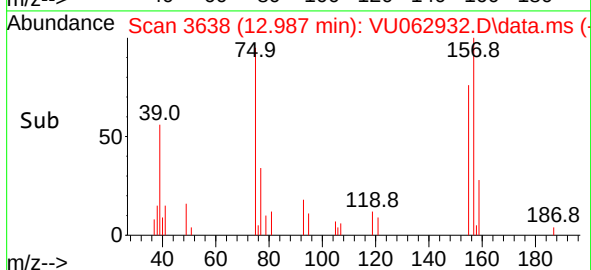
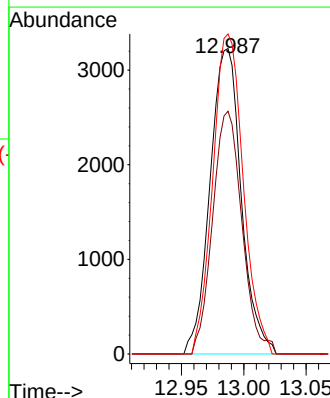
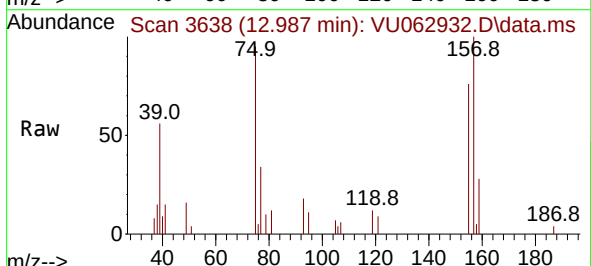
Tgt Ion: 75 Resp: 5632

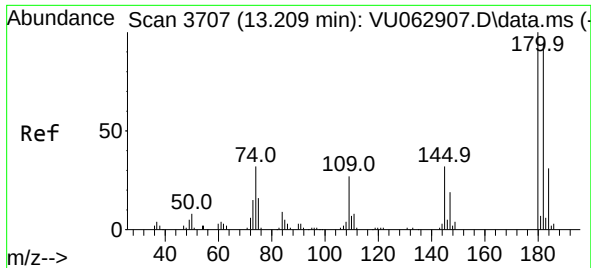
Ion Ratio Lower Upper

75 100

155 79.5 59.6 89.4

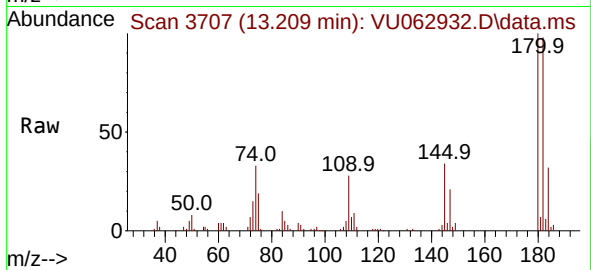
157 104.7 70.8 106.2



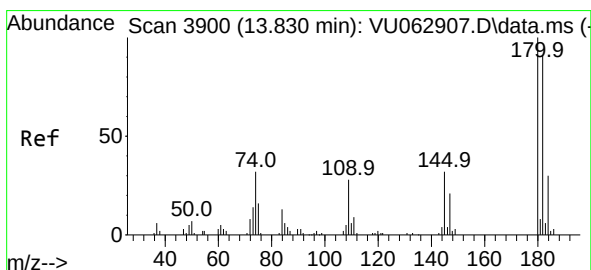
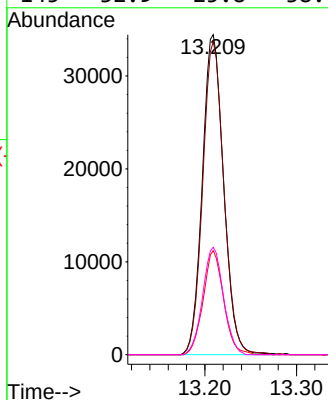
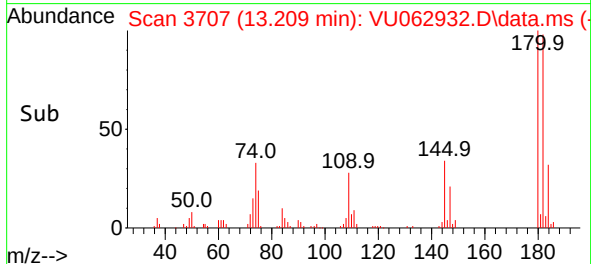


#69
 1,3,5-Trichlorobenzene
 Concen: 4.625 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25

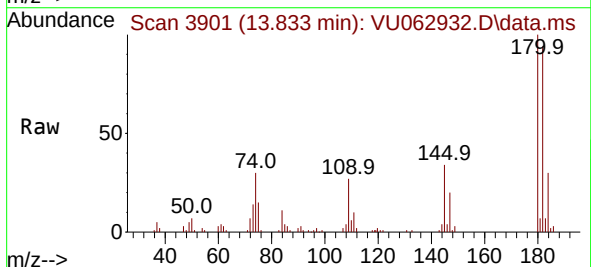
Instrument :
 MSVOA_U
 ClientSampleId :



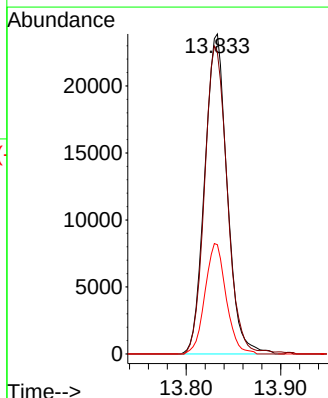
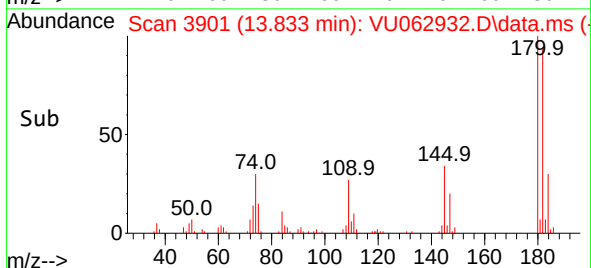
Tgt Ion:180 Resp: 55399
 Ion Ratio Lower Upper
 180 100
 182 97.6 75.8 113.8
 184 31.3 24.7 37.1
 145 32.9 25.8 38.6

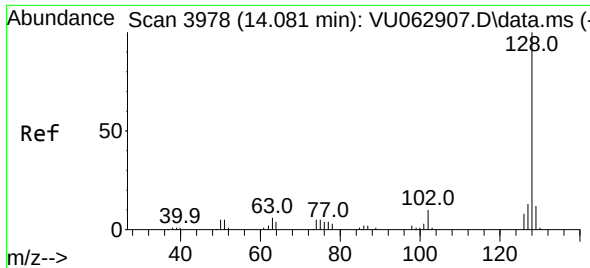


#70
 1,2,4-trichlorobenzene
 Concen: 4.084 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.003 min
 Lab File: VU062932.D
 Acq: 20 Jan 2025 20:25



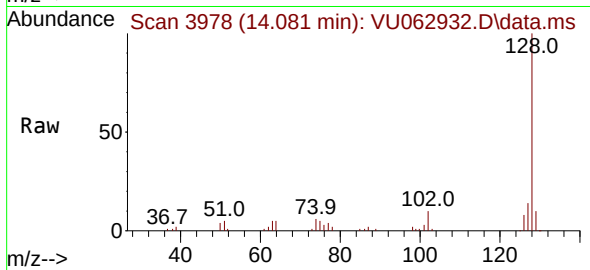
Tgt Ion:180 Resp: 39396
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.1 115.7
 145 32.5 26.9 40.3



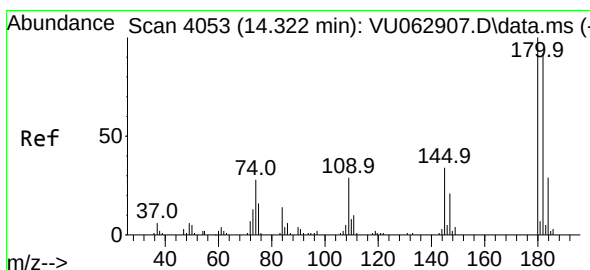
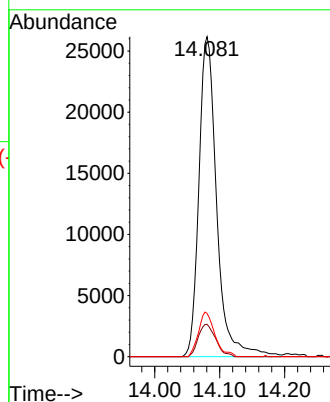
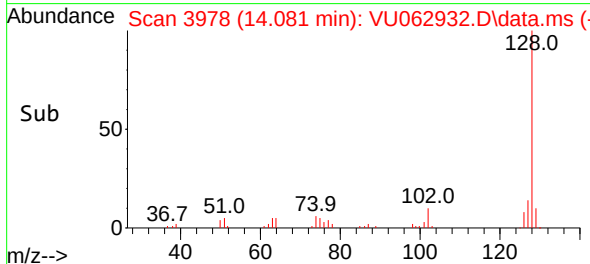


#71
Naphthalene
Concen: 3.535 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25

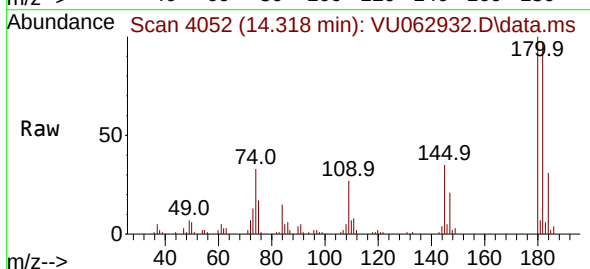
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 49902
Ion Ratio Lower Upper
128 100
129 9.9 8.5 12.7
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.215 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062932.D
Acq: 20 Jan 2025 20:25



Tgt Ion:180 Resp: 35443
Ion Ratio Lower Upper
180 100
182 94.1 79.8 119.6
145 35.1 29.2 43.8

