

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012225\
 Data File : VU062962.D
 Acq On : 22 Jan 2025 15:55
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 23 00:45:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 00:43:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87877	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86299	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46258	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19725	4.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.904	69	13862	3.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.560	65	10272	4.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.612	46	58015	58.323	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.640%
24) Chloroform-d	5.052	84	60413	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.692	65	29809	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.714	84	83188	3.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.679	67	21376	3.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.000%
41) Toluene-d8	7.888	98	81022	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.171	79	12441	4.267	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.624	63	38277	41.743	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	19306	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	35769	4.648	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	50249	6.002	ug/L	100
3) Chloromethane	1.515	50	33922	6.038	ug/L	94
5) Vinyl chloride	1.599	62	36733	5.807	ug/L	100
6) Bromomethane	1.846	94	18428	4.004	ug/L	94
8) Chloroethane	1.924	64	16935	4.456	ug/L	97
9) Trichlorofluoromethane	2.133	101	62519	4.899	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35429	5.746	ug/L	98
12) 1,1-Dichloroethene	2.570	96	30925	5.669	ug/L	97
13) Acetone	2.618	43	40024	50.792	ug/L	96
14) Carbon disulfide	2.785	76	95489	5.480	ug/L	99
15) Methyl Acetate	2.943	43	10229	5.995	ug/L	98
16) Methylene chloride	3.036	84	32646	5.463	ug/L	94
17) Methyl tert-butyl Ether	3.348	73	83401	5.563	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	31726	5.429	ug/L	98
19) 1,1-Dichloroethane	3.856	63	59688	5.712	ug/L	98
21) 2-Butanone	4.689	43	62352	59.414	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	35884	5.638	ug/L	99
23) Bromochloromethane	4.962	128	15802	5.259	ug/L	# 92
25) Chloroform	5.075	83	70207	5.459	ug/L	97

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Quant Time: Jan 23 00:45:52 2025
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

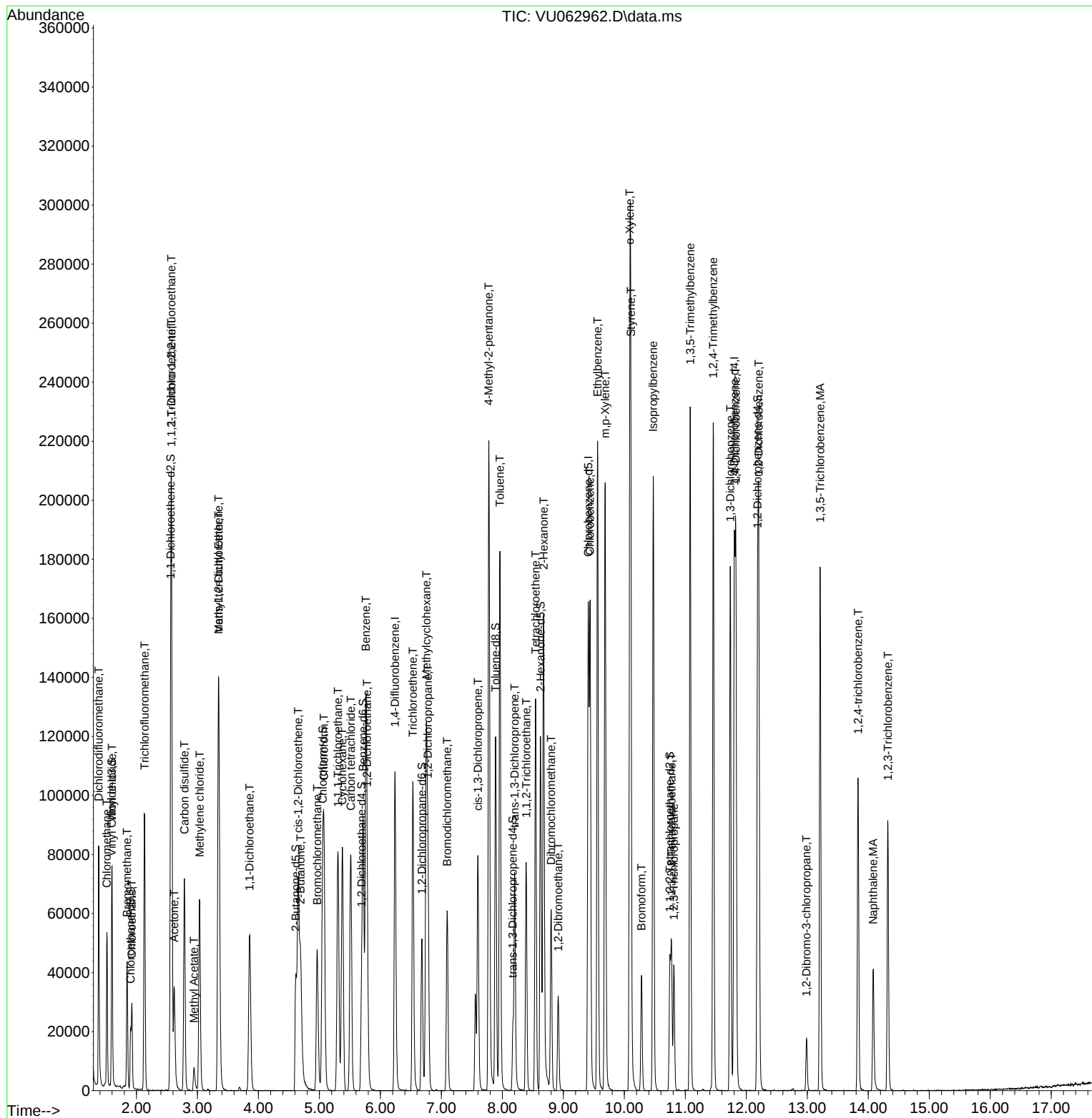
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	43285	5.148	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	64237	4.907	ug/L	97
30) Cyclohexane	5.374	56	37888	4.432	ug/L	92
31) Carbon tetrachloride	5.515	117	59599	4.954	ug/L	96
33) Benzene	5.763	78	116075	4.681	ug/L	100
34) Trichloroethene	6.531	95	36016	4.252	ug/L	97
35) Methylcyclohexane	6.753	83	48793	4.682	ug/L	99
37) 1,2-Dichloropropane	6.779	63	26479	4.527	ug/L	99
38) Bromodichloromethane	7.094	83	41412	4.403	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	48221	4.842	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	123202	45.092	ug/L	98
42) Toluene	7.959	91	134538	4.952	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	43422	5.058	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	23368	4.919	ug/L	96
47) Tetrachloroethene	8.544	164	28380	4.865	ug/L	97
48) 2-Hexanone	8.676	43	95741	48.741	ug/L	94
49) Dibromochloromethane	8.798	129	31384	4.921	ug/L	99
50) 1,2-Dibromoethane	8.914	107	21654	4.765	ug/L	99
51) Chlorobenzene	9.438	112	84236	4.741	ug/L	96
52) Ethylbenzene	9.560	91	155694	5.050	ug/L	97
53) m,p-Xylene	9.685	106	57673	5.002	ug/L	96
54) o-Xylene	10.090	106	53495	4.844	ug/L	95
55) Styrene	10.107	104	89410	4.840	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	21376	4.011	ug/L #	92
59) Bromoform	10.280	173	18315	4.539	ug/L	96
60) Isopropylbenzene	10.473	105	134494	4.219	ug/L	97
61) 1,2,3-Trichloropropane	10.811	75	16521	4.026	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	127551	4.708	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	126785	4.837	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	72229	4.887	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	69713	4.678	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	68622	4.955	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5311	4.997	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	55090	4.950	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	35070	3.912	ug/L	99
71) Naphthalene	14.081	128	37663	2.871	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	29589	3.787	ug/L	96

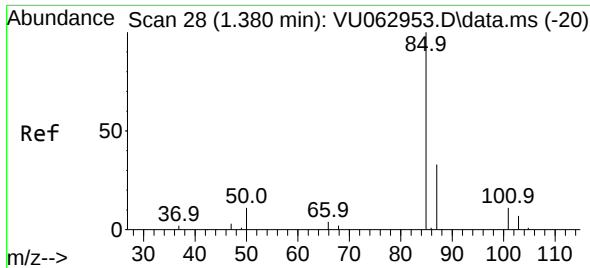
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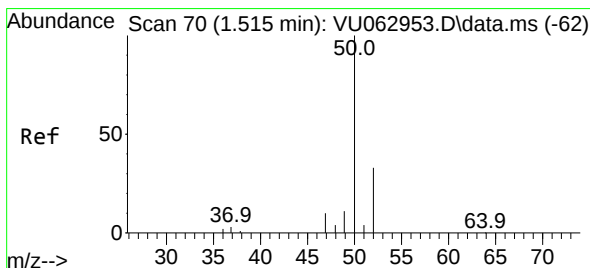
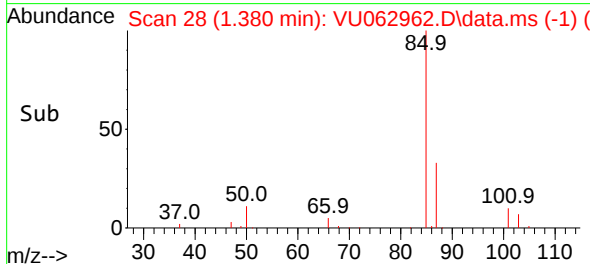
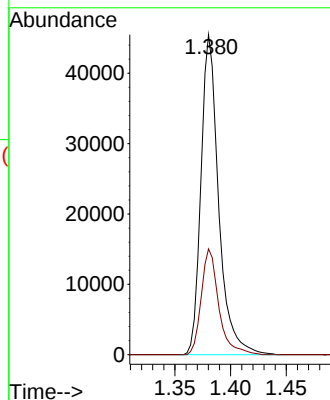
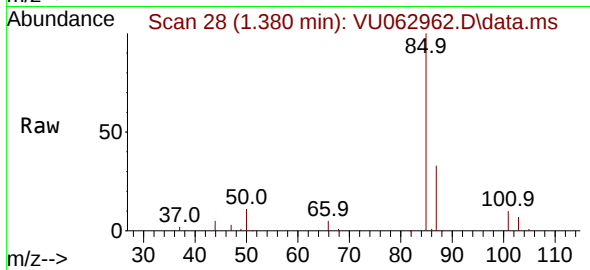




#2
 Dichlorodifluoromethane
 Concen: 6.002 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU062962.D
 Acq: 22 Jan 2025 15:55

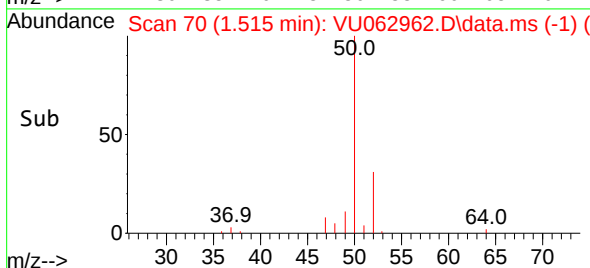
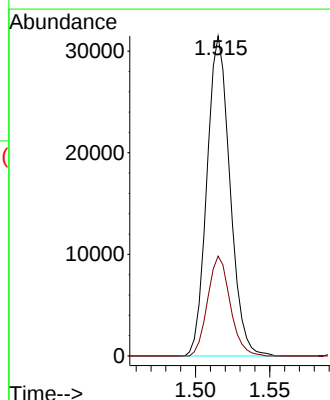
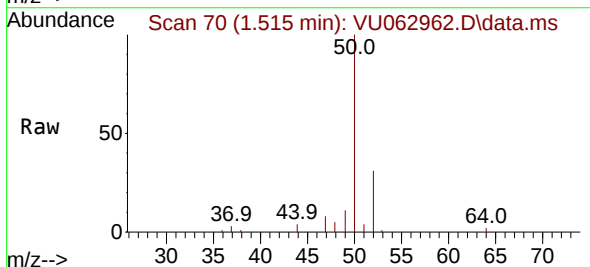
Instrument :
 MSVOA_U
 ClientSampleId :

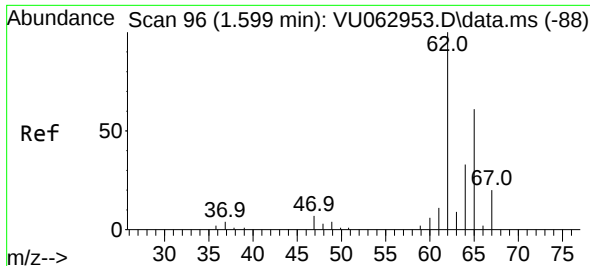
Tgt Ion: 85 Resp: 50249
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.1 39.1



#3
 Chloromethane
 Concen: 6.038 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062962.D
 Acq: 22 Jan 2025 15:55

Tgt Ion: 50 Resp: 33922
 Ion Ratio Lower Upper
 50 100
 52 31.2 24.1 44.7

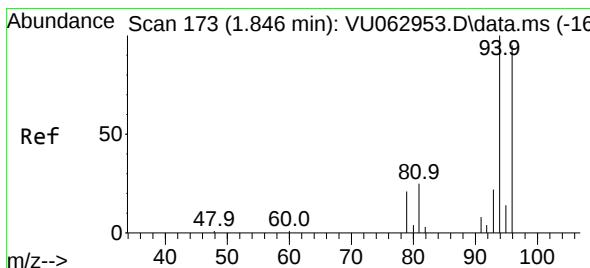
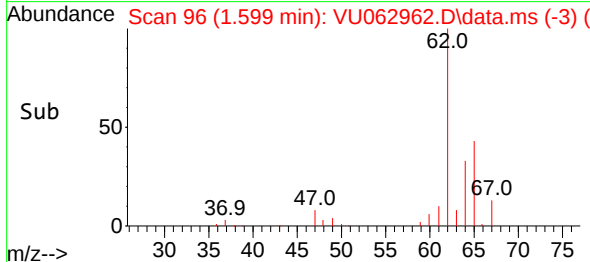
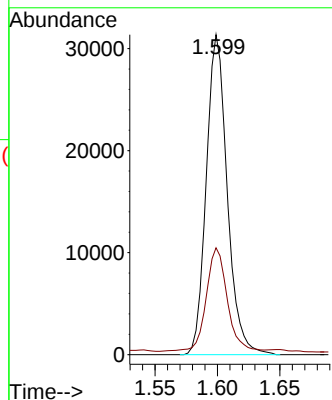
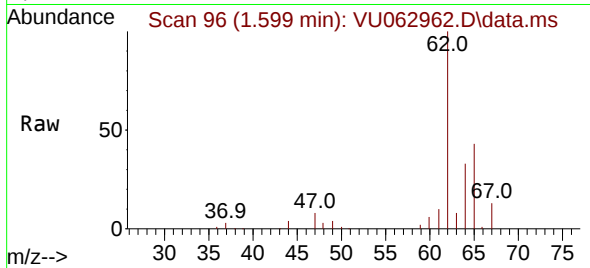




#5
 Vinyl chloride
 Concen: 5.807 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062962.D
 Acq: 22 Jan 2025 15:55

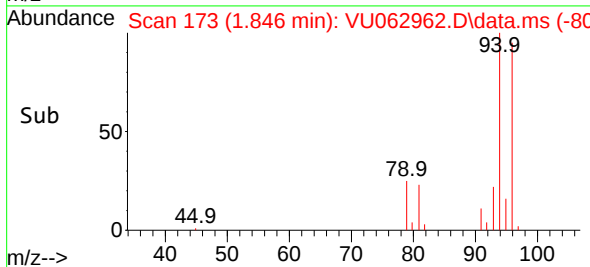
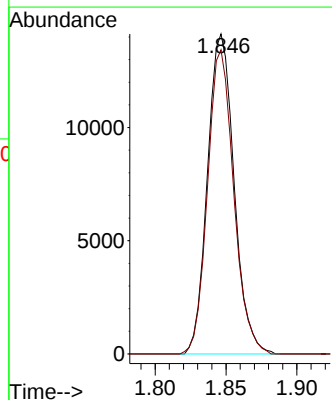
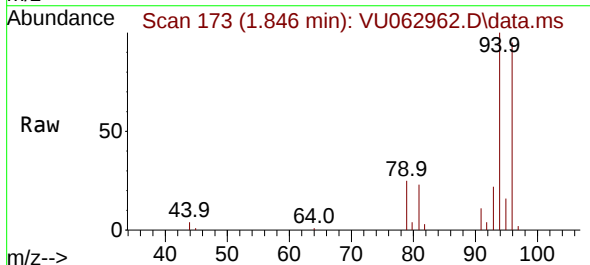
Instrument :
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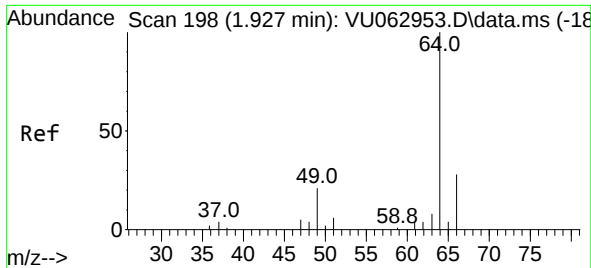
Tgt Ion: 62 Resp: 36733
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 4.004 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. 0.000 min
 Lab File: VU062962.D
 Acq: 22 Jan 2025 15:55

Tgt Ion: 94 Resp: 18428
 Ion Ratio Lower Upper
 94 100
 96 95.1 62.9 116.7

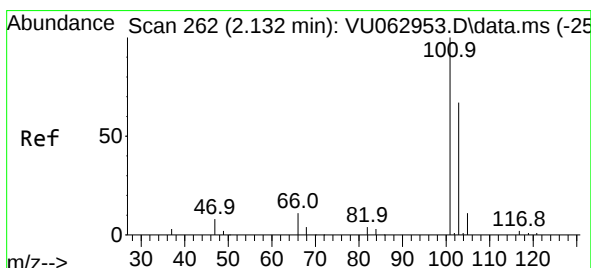
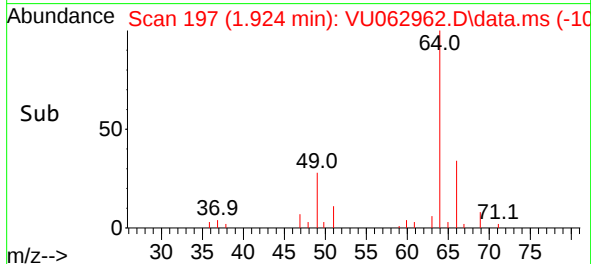
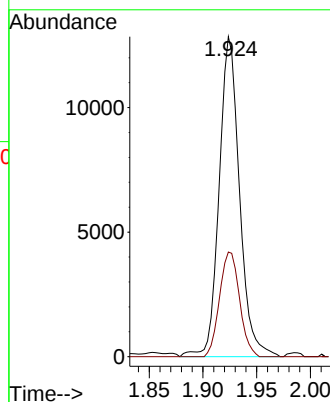
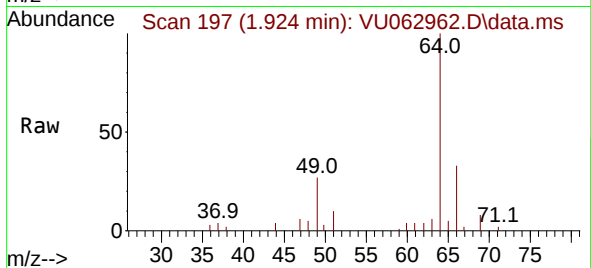




#8
Chloroethane
Concen: 4.456 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

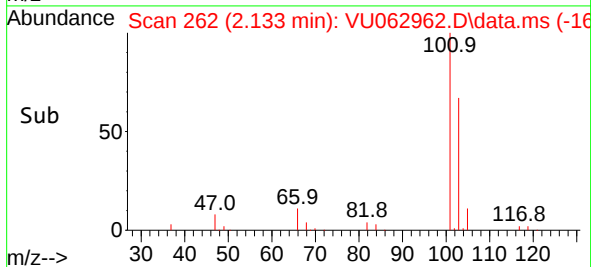
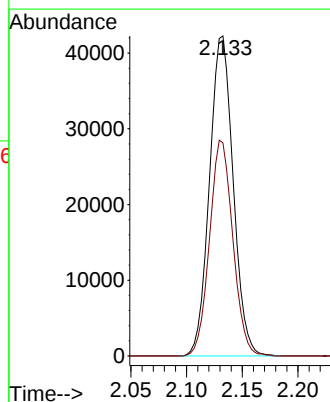
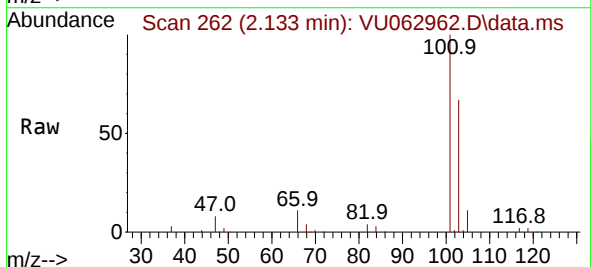
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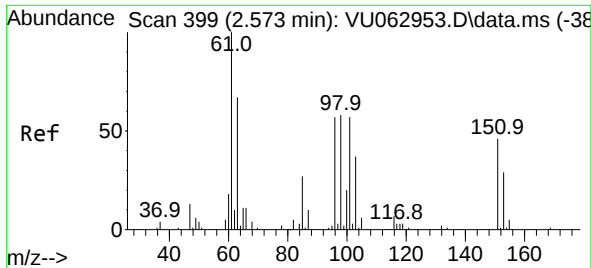
Tgt Ion: 64 Resp: 16935
Ion Ratio Lower Upper
64 100
66 32.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.899 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion:101 Resp: 62519
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.0

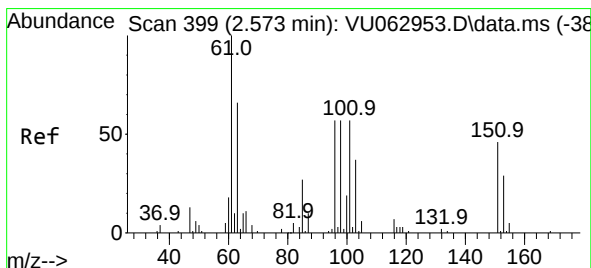
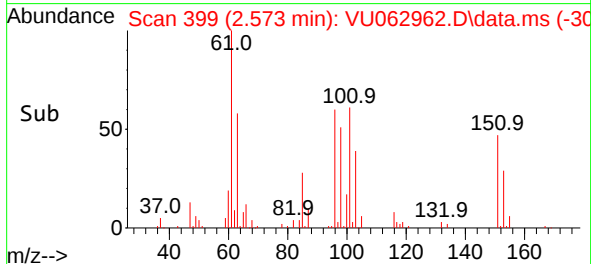
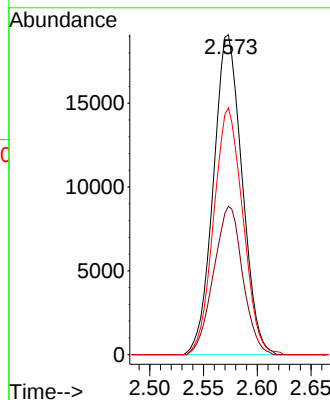
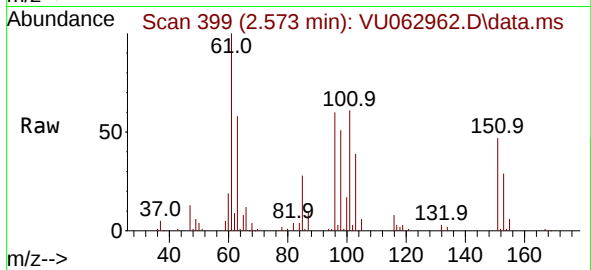




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.746 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062962.D
 Acq: 22 Jan 2025 15:55

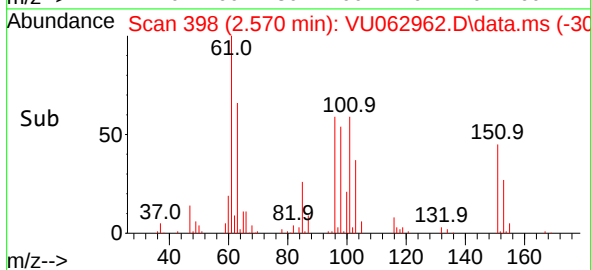
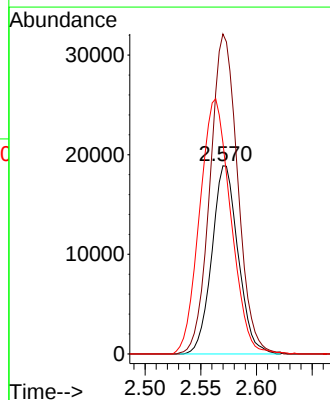
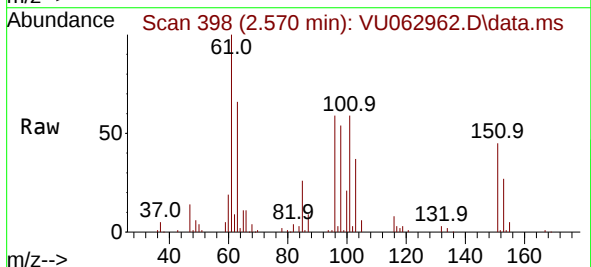
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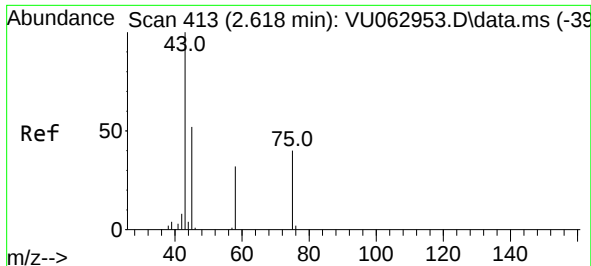
Tgt Ion:	101	Resp:	35429
Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.0	55.6
151	78.5	64.4	96.6



#12
 1,1-Dichloroethene
 Concen: 5.669 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU062962.D
 Acq: 22 Jan 2025 15:55

Tgt Ion:	96	Resp:	30925
Ion	Ratio	Lower	Upper
96	100		
61	170.1	120.4	223.6
63	112.3	82.3	152.9





#13

Acetone

Concen: 50.792 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

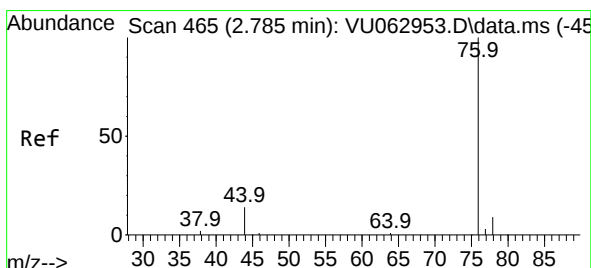
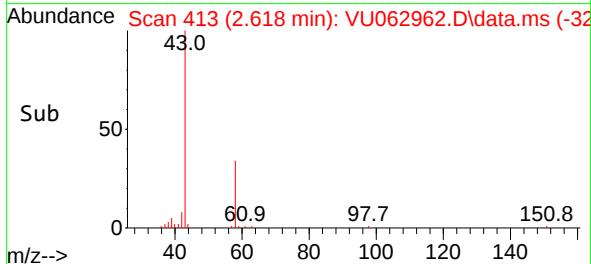
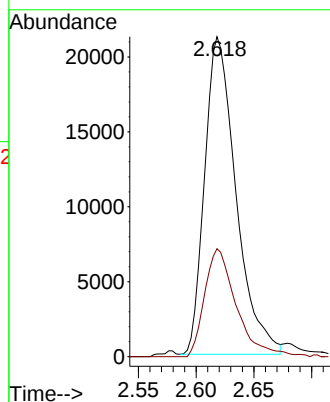
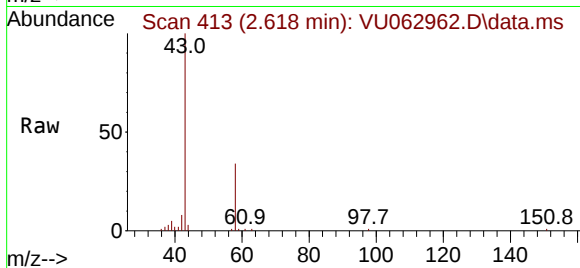
ClientSampleId :

Tgt Ion: 43 Resp: 40024

Ion Ratio Lower Upper

43 100

58 34.3 0.0 64.4



#14

Carbon disulfide

Concen: 5.480 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062962.D

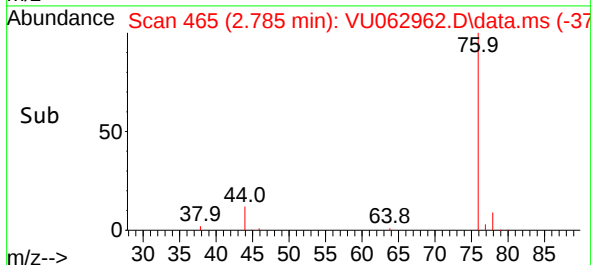
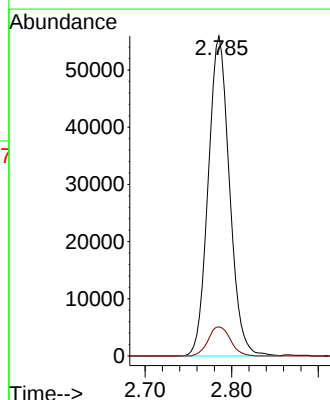
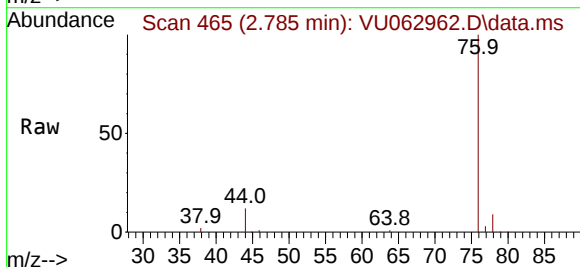
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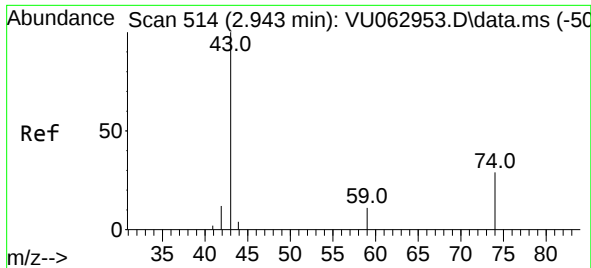
Tgt Ion: 76 Resp: 95489

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

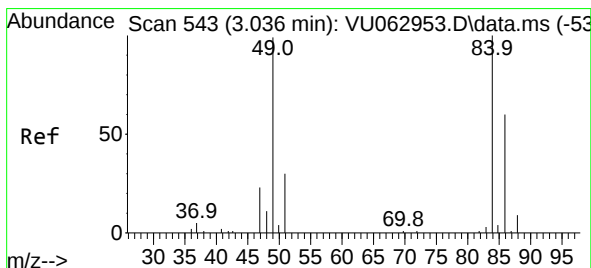
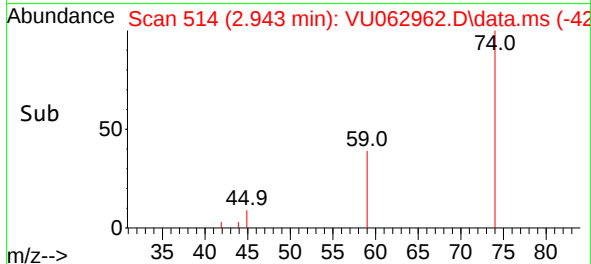
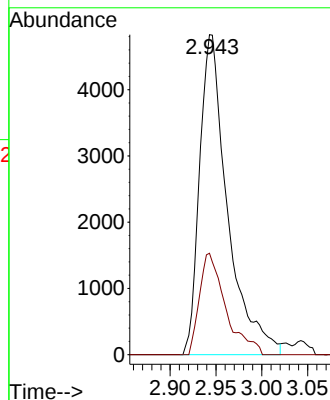
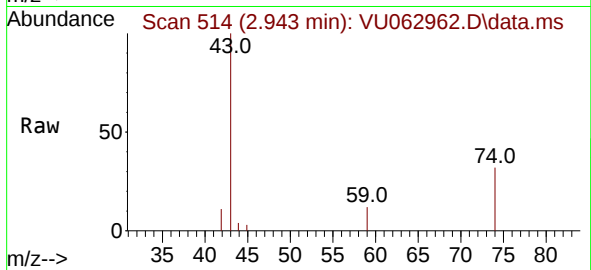




#15
Methyl Acetate
Concen: 5.995 ug/L
RT: 2.943 min Scan# 514
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

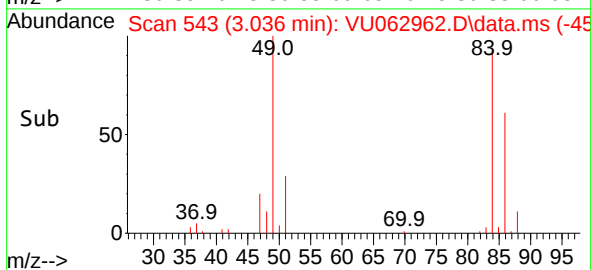
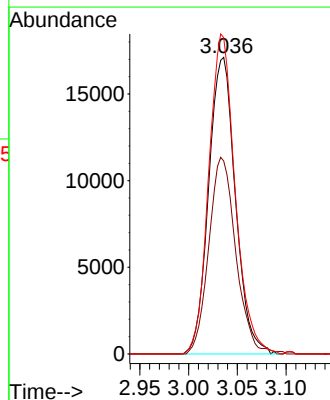
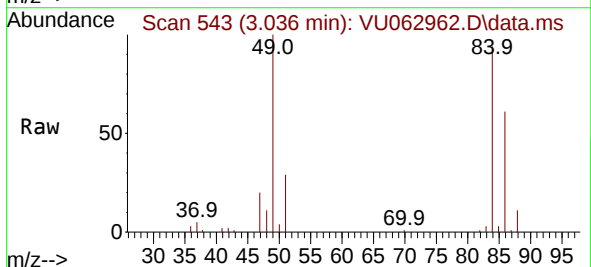
Instrument :
MSVOA_U
ClientSampleId :

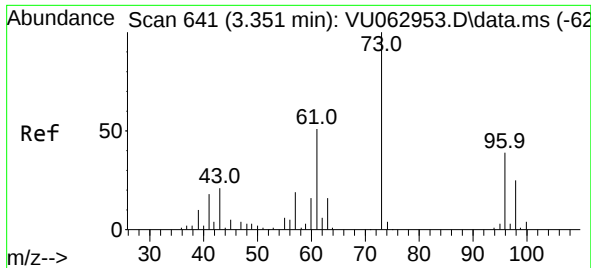
Tgt Ion: 43 Resp: 10229
Ion Ratio Lower Upper
43 100
74 29.7 24.4 36.6



#16
Methylene chloride
Concen: 5.463 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion: 84 Resp: 32646
Ion Ratio Lower Upper
84 100
86 65.0 44.7 83.1
49 106.6 68.3 126.9

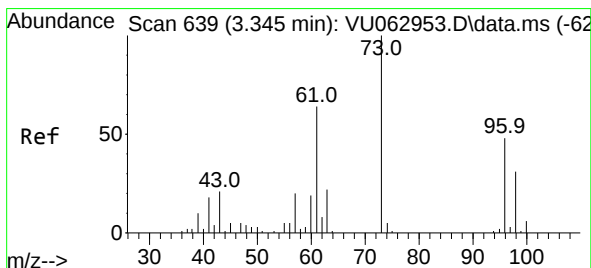
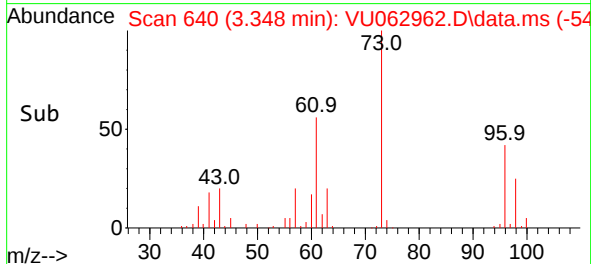
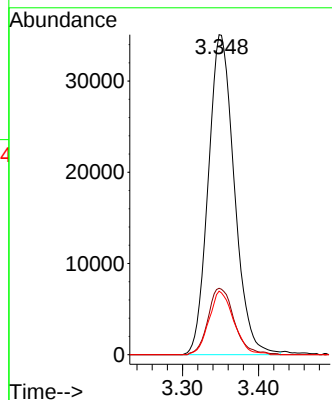
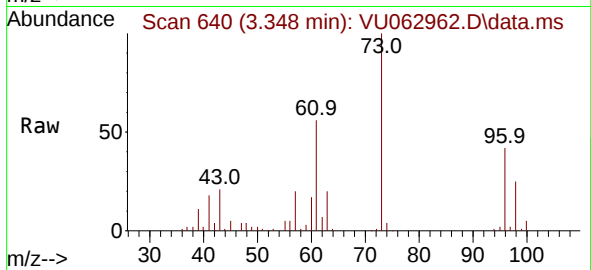




#17
Methyl tert-butyl Ether
Concen: 5.563 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

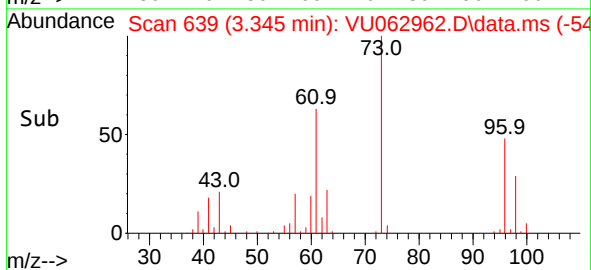
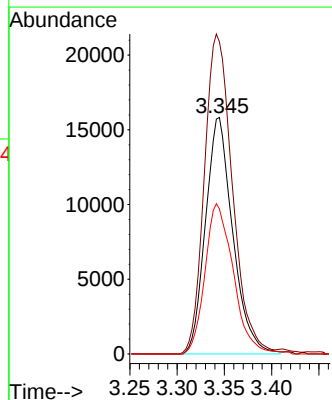
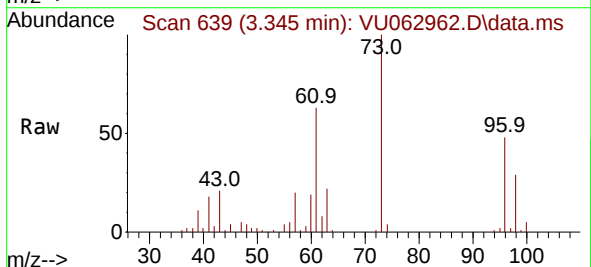
Instrument :
MSVOA_U
ClientSampleId :

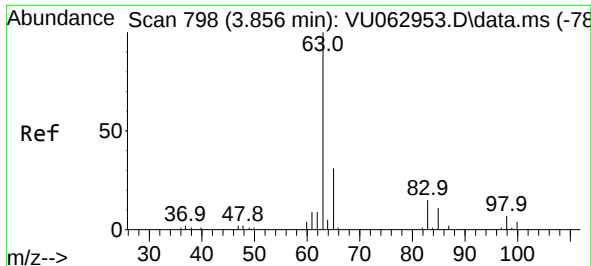
Tgt Ion: 73 Resp: 83401
Ion Ratio Lower Upper
73 100
43 20.9 16.2 24.4
57 18.9 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 5.429 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

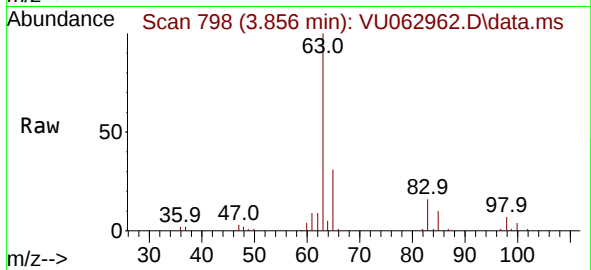
Tgt Ion: 96 Resp: 31726
Ion Ratio Lower Upper
96 100
61 132.0 94.4 175.2
98 61.4 42.8 79.4



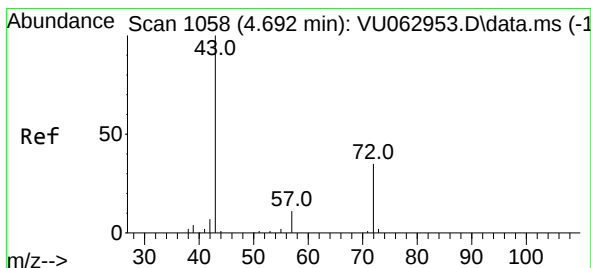
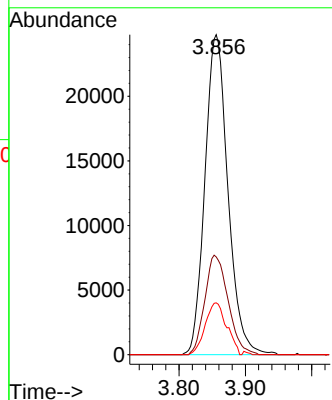
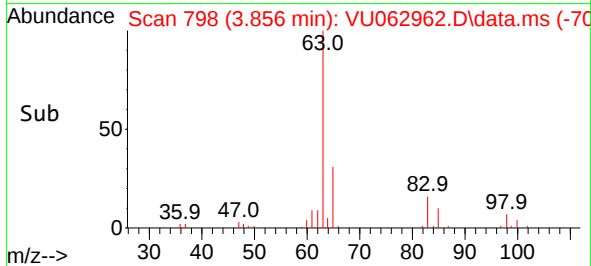


#19
1,1-Dichloroethane
Concen: 5.712 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Instrument :
MSVOA_U
ClientSampleId :

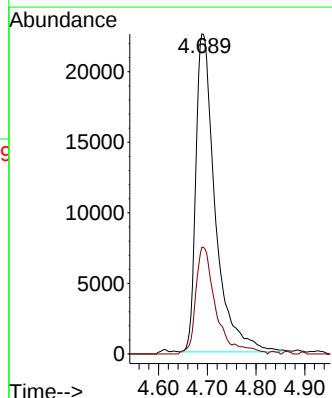
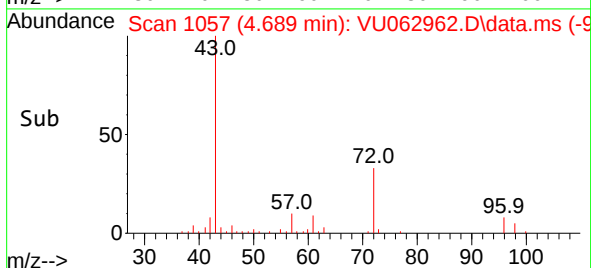
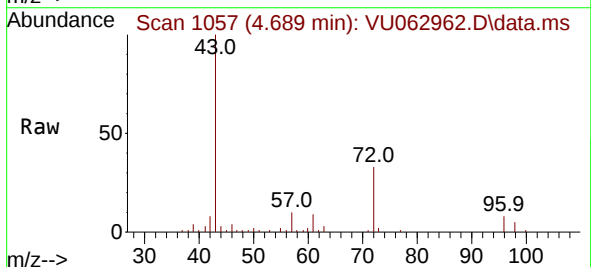


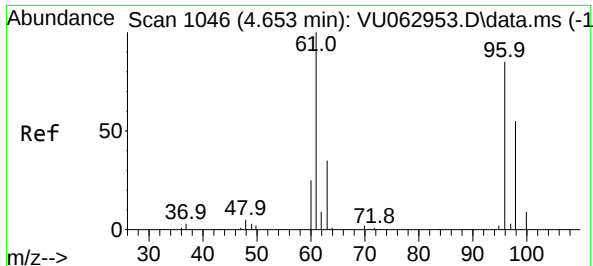
Tgt Ion: 63 Resp: 59688
Ion Ratio Lower Upper
63 100
65 30.6 20.7 38.5
83 16.2 10.5 19.5



#21
2-Butanone
Concen: 59.414 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.003 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion: 43 Resp: 62352
Ion Ratio Lower Upper
43 100
72 32.2 17.1 51.2

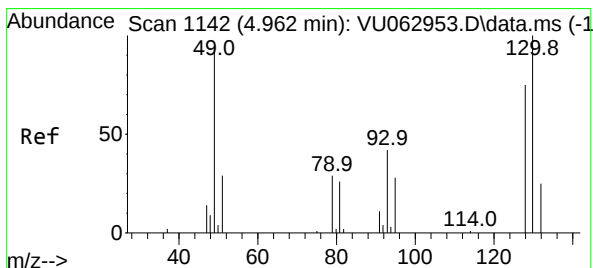
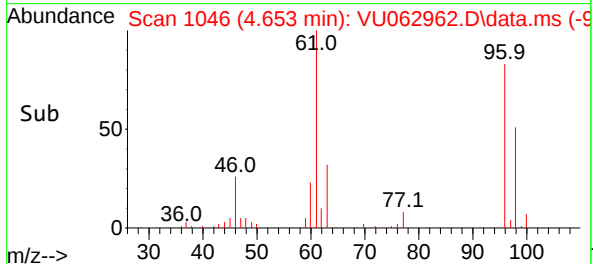
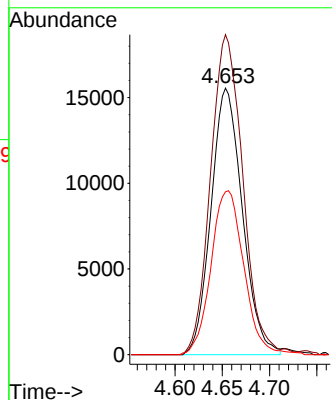
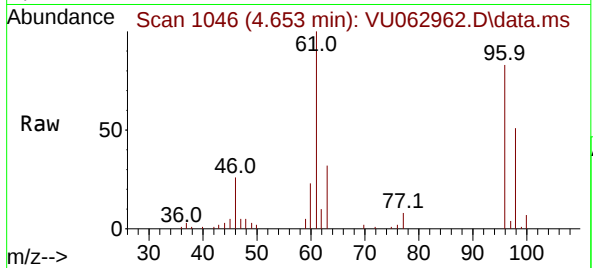




#22
 cis-1,2-Dichloroethene
 Concen: 5.638 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062962.D
 Acq: 22 Jan 2025 15:55

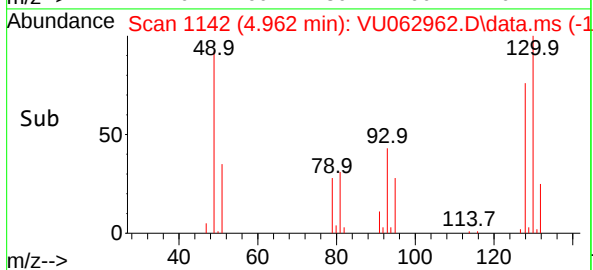
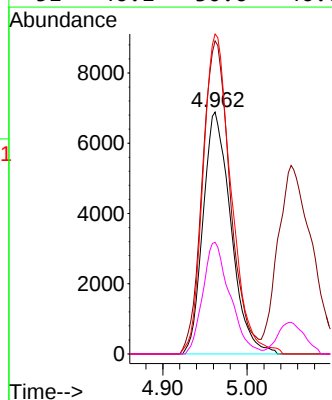
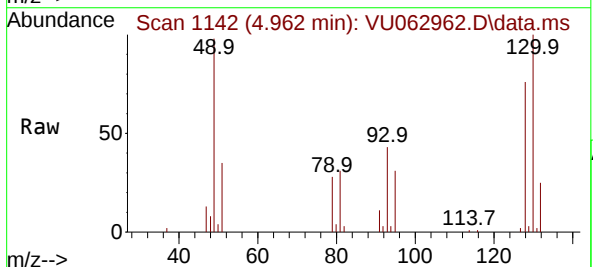
Instrument :
 MSVOA_U
 ClientSampleId :

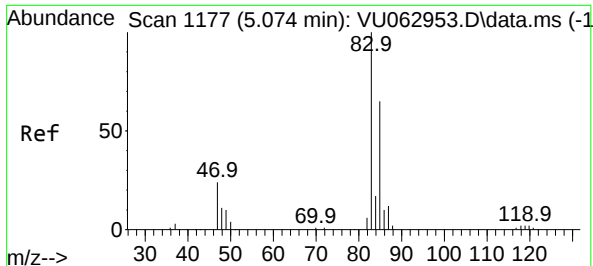
Tgt Ion: 96 Resp: 35884
 Ion Ratio Lower Upper
 96 100
 61 120.1 84.8 157.6
 98 61.1 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.259 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VU062962.D
 Acq: 22 Jan 2025 15:55

Tgt Ion: 128 Resp: 15802
 Ion Ratio Lower Upper
 128 100
 49 129.4 81.1 150.7
 130 132.3 94.9 176.3
 51 46.1 30.6 46.0#





#25

Chloroform

Concen: 5.459 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

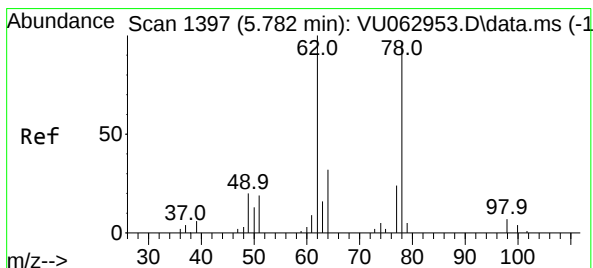
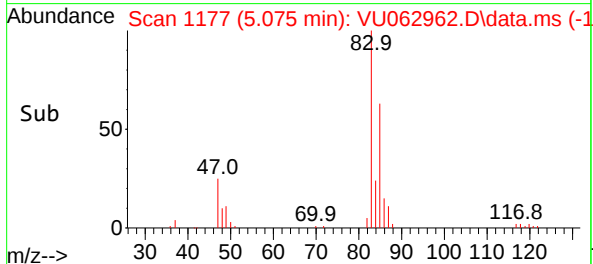
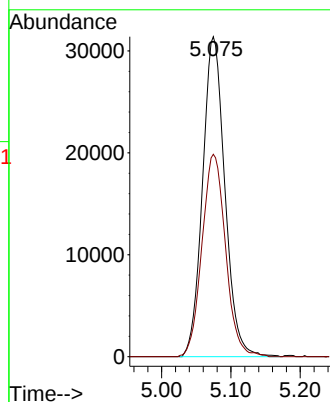
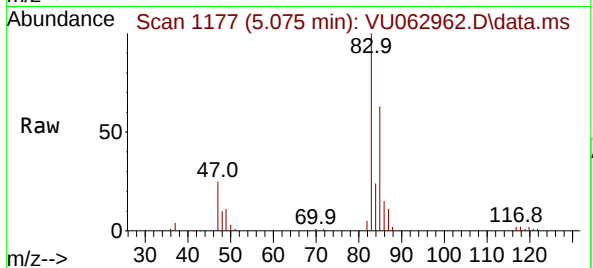
ClientSampleId :

Tgt Ion: 83 Resp: 70207

Ion Ratio Lower Upper

83 100

85 63.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.148 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU062962.D

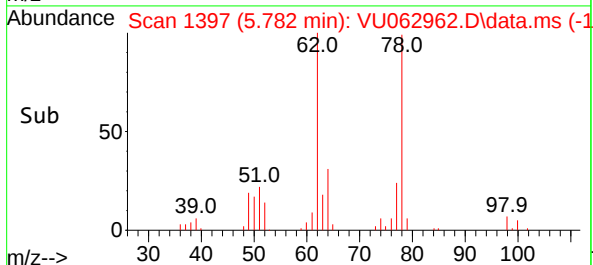
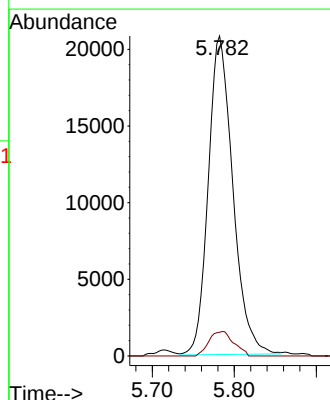
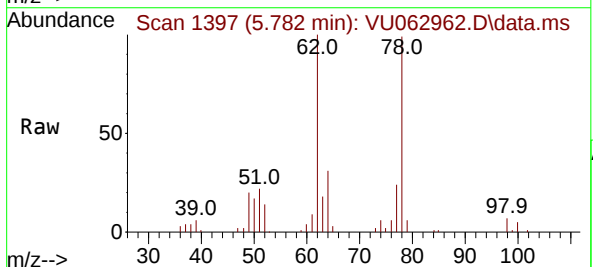
Acq: 22 Jan 2025 15:55

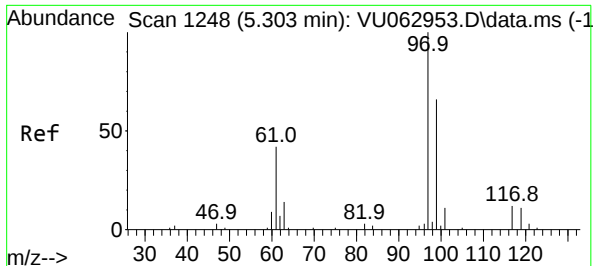
Tgt Ion: 62 Resp: 43285

Ion Ratio Lower Upper

62 100

98 7.4 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 4.907 ug/L

RT: 5.303 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

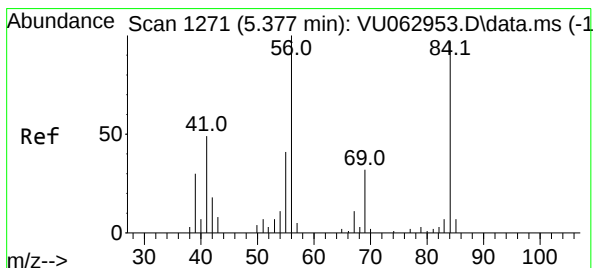
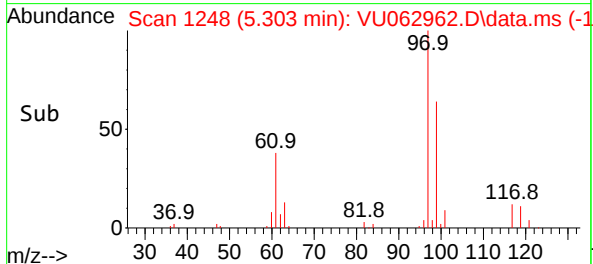
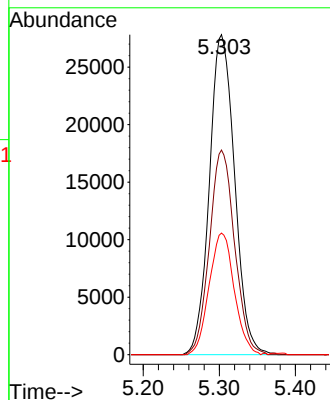
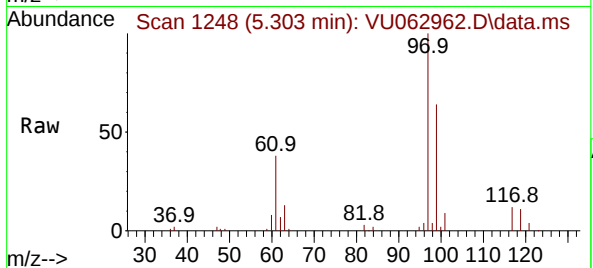
Tgt Ion: 97 Resp: 64237

Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 37.8 32.2 48.4



#30

Cyclohexane

Concen: 4.432 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

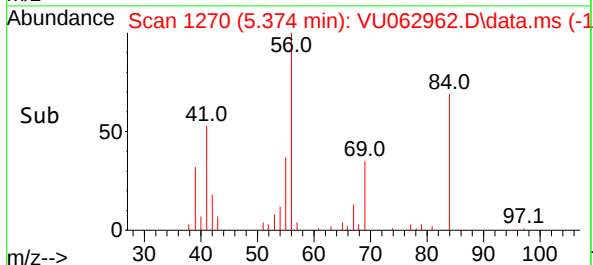
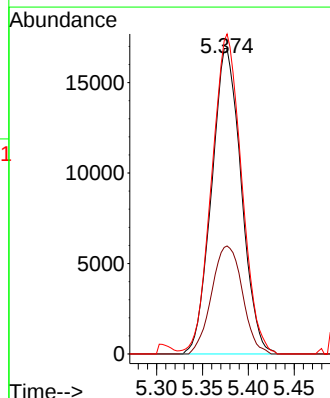
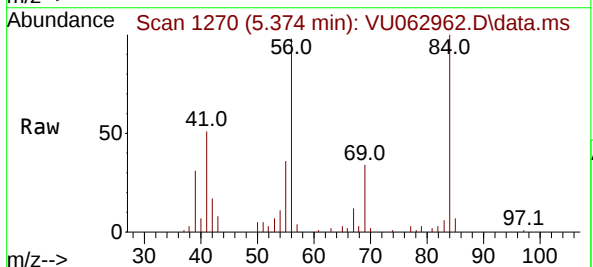
Tgt Ion: 56 Resp: 37888

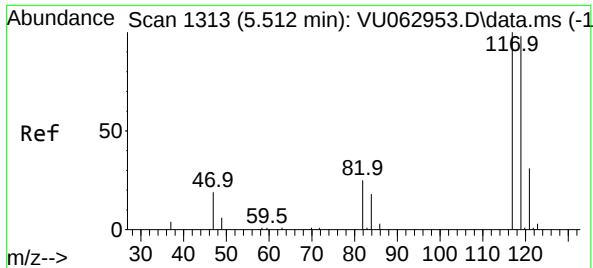
Ion Ratio Lower Upper

56 100

69 36.7 28.3 42.5

84 105.9 76.5 114.7

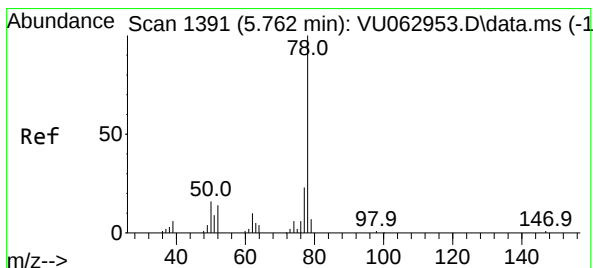
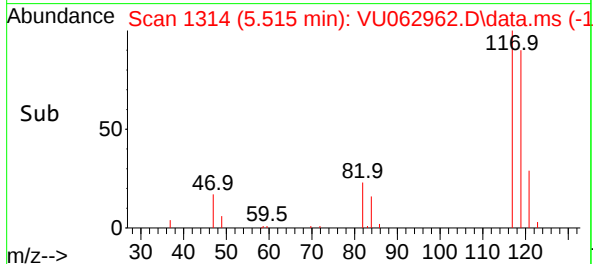
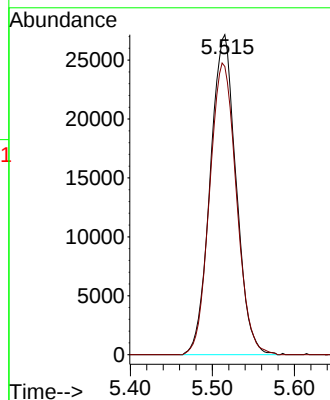
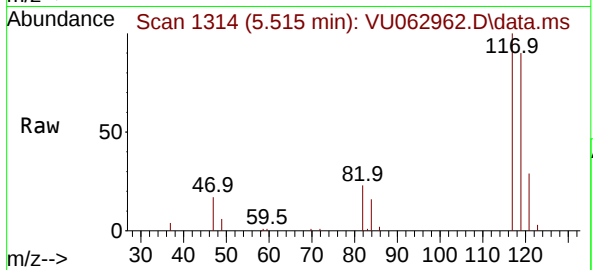




#31
Carbon tetrachloride
Concen: 4.954 ug/L
RT: 5.515 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

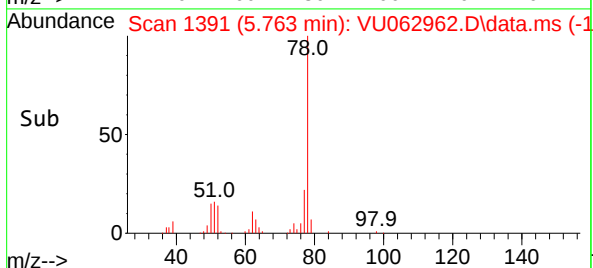
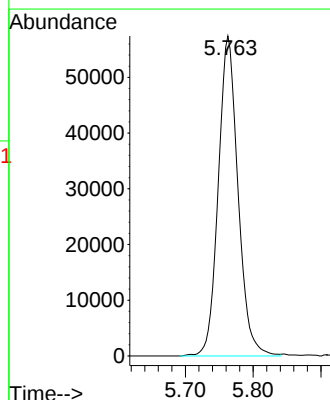
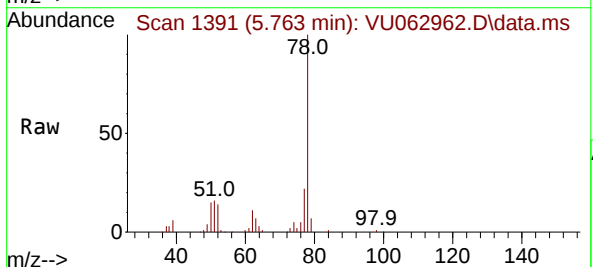
Instrument :
MSVOA_U
ClientSampleId :

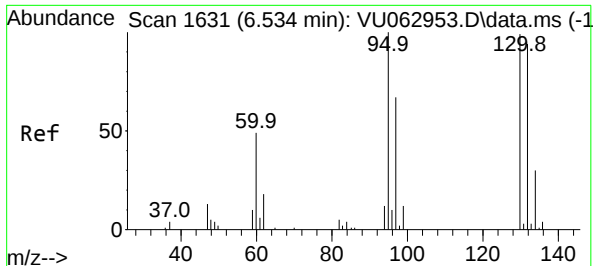
Tgt Ion:117 Resp: 59599
Ion Ratio Lower Upper
117 100
119 94.3 78.6 118.0



#33
Benzene
Concen: 4.681 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion: 78 Resp: 116075





#34

Trichloroethene

Concen: 4.252 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 36016

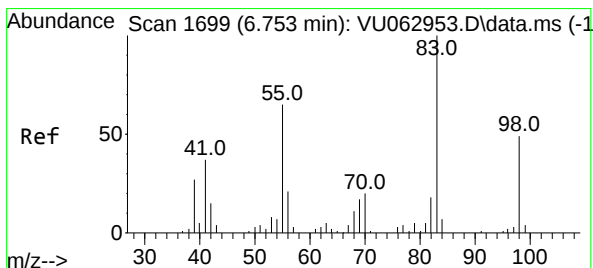
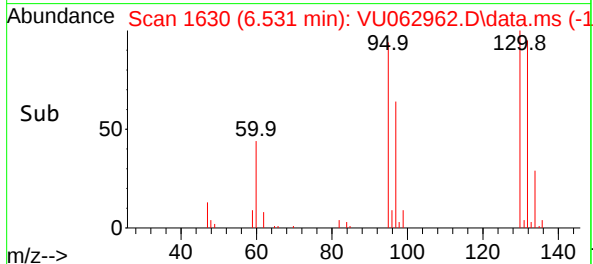
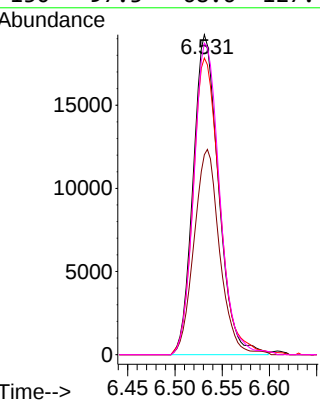
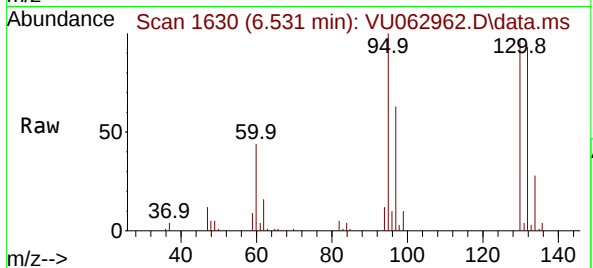
Ion Ratio Lower Upper

95 100

97 62.5 47.5 88.3

132 92.7 66.9 124.3

130 97.3 68.6 127.4



#35

Methylcyclohexane

Concen: 4.682 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

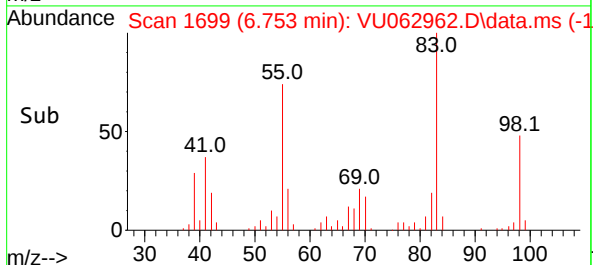
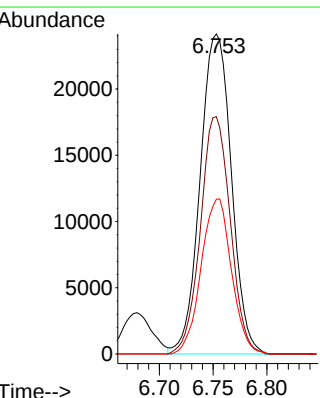
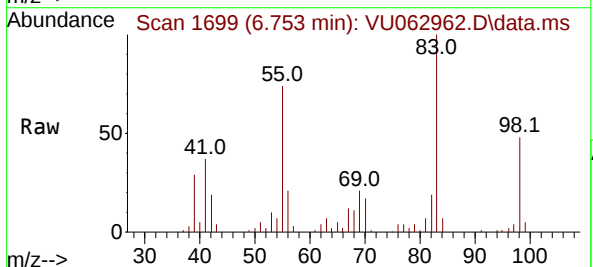
Tgt Ion: 83 Resp: 48793

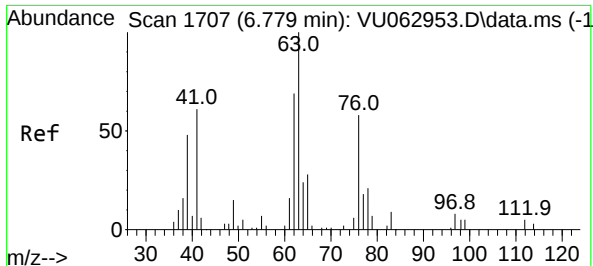
Ion Ratio Lower Upper

83 100

55 70.9 57.2 85.8

98 47.1 36.6 55.0

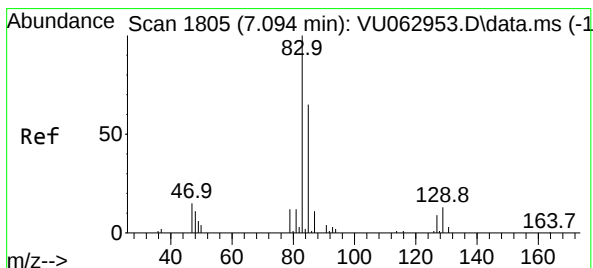
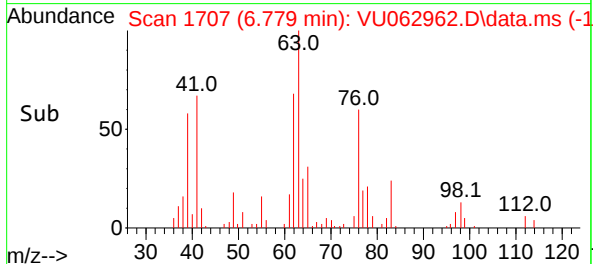
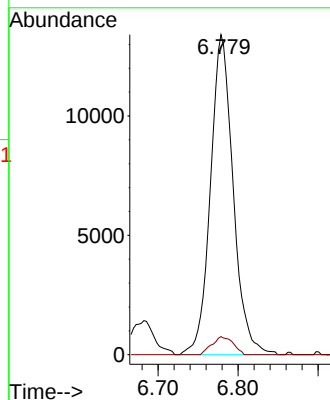
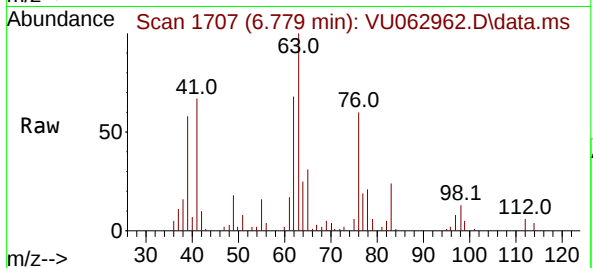




#37
1,2-Dichloropropane
Concen: 4.527 ug/L
RT: 6.779 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

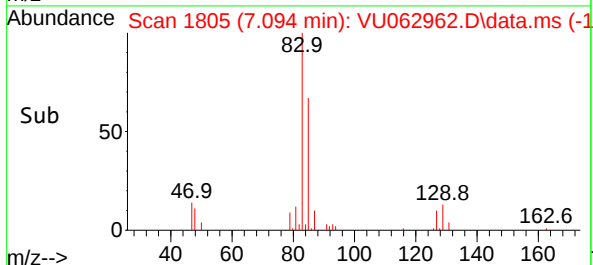
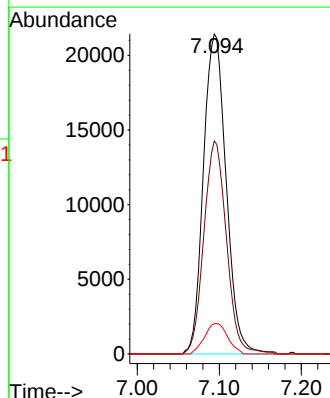
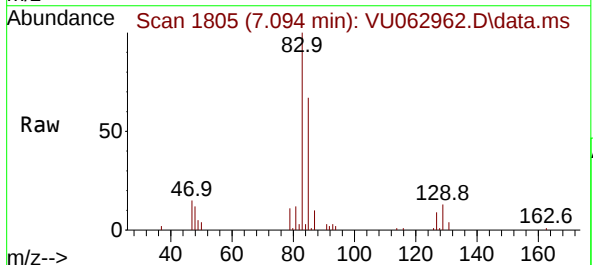
Instrument :
MSVOA_U
ClientSampleId :

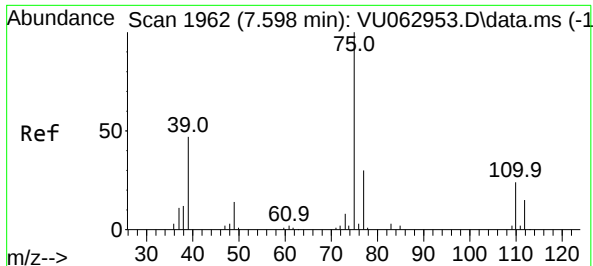
Tgt Ion: 63 Resp: 26479
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 4.403 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion: 83 Resp: 41412
Ion Ratio Lower Upper
83 100
85 66.6 44.2 82.0
127 9.4 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.842 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

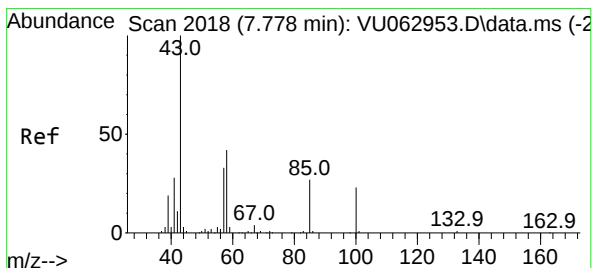
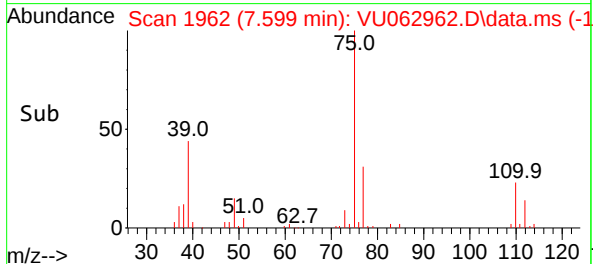
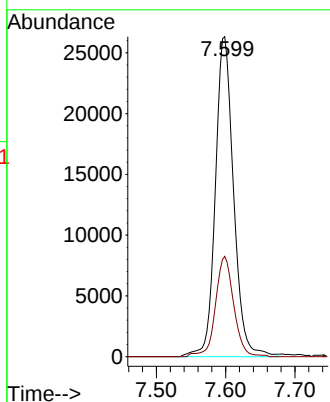
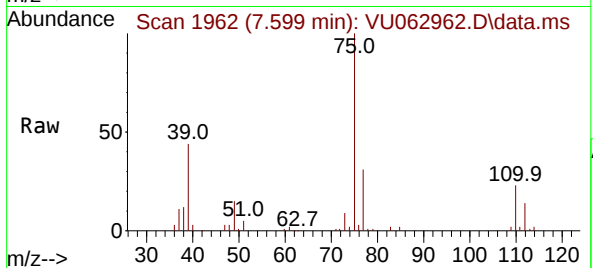
ClientSampleId :

Tgt Ion: 75 Resp: 48221

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 45.092 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. -0.003 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

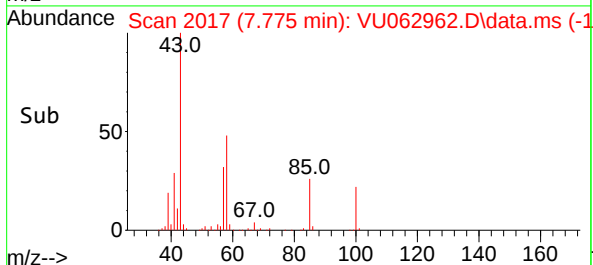
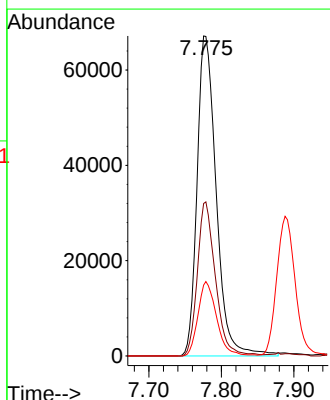
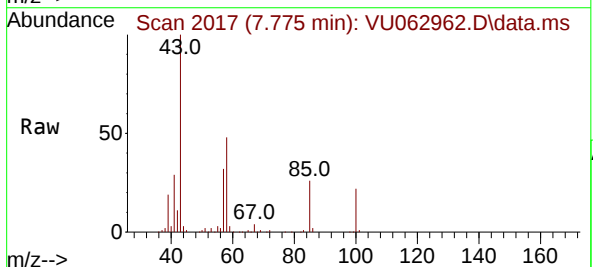
Tgt Ion: 43 Resp: 123202

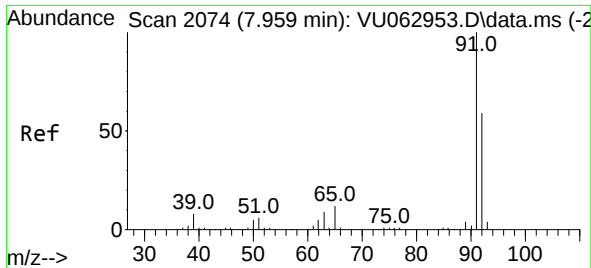
Ion Ratio Lower Upper

43 100

58 45.4 35.8 53.8

100 22.6 16.8 25.2





#42

Toluene

Concen: 4.952 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

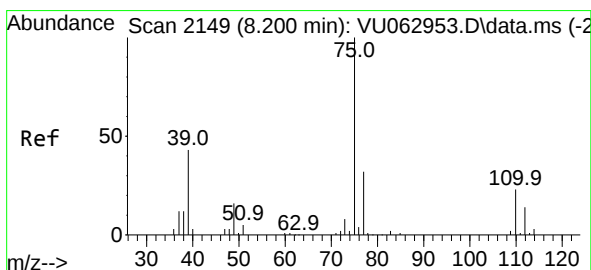
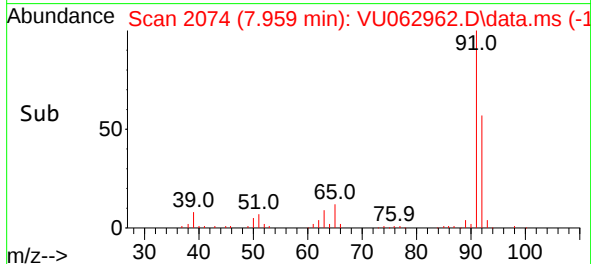
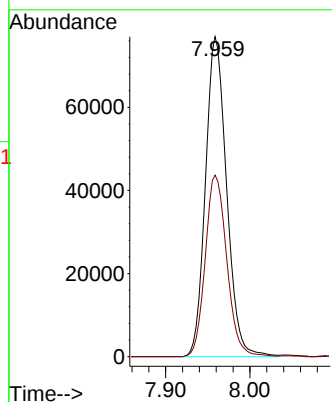
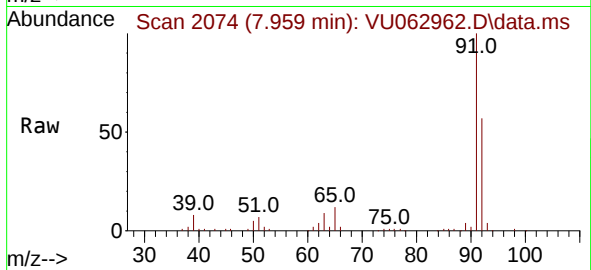
ClientSampleId :

Tgt Ion: 91 Resp: 134538

Ion Ratio Lower Upper

91 100

92 56.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.058 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU062962.D

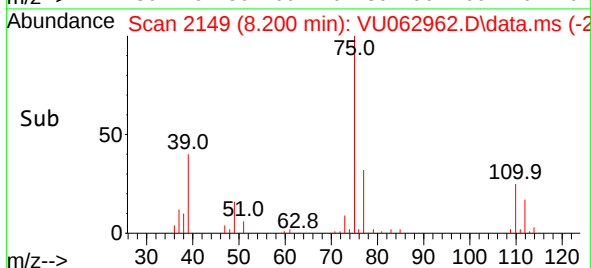
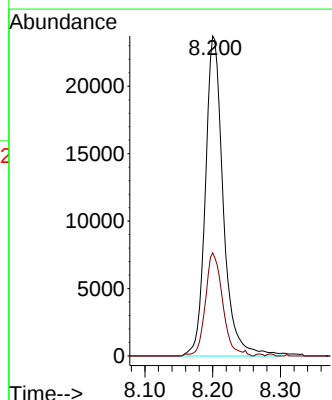
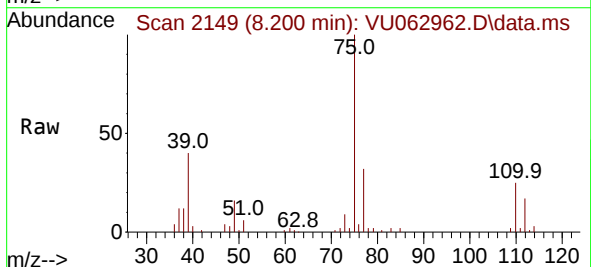
Acq: 22 Jan 2025 15:55

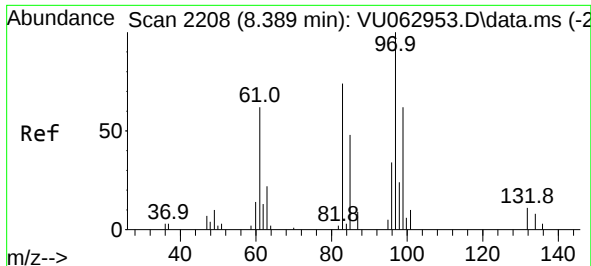
Tgt Ion: 75 Resp: 43422

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



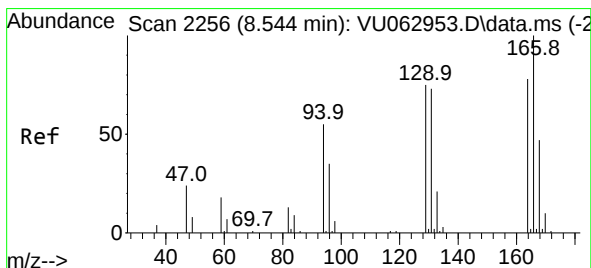
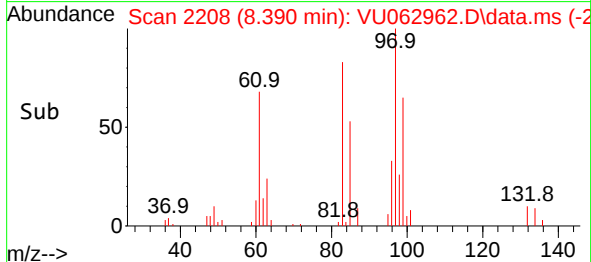
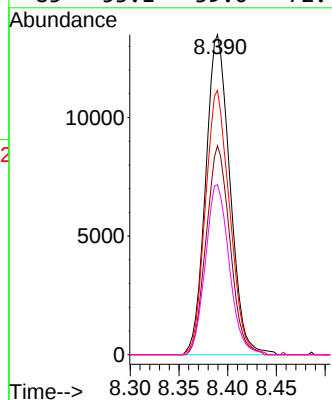
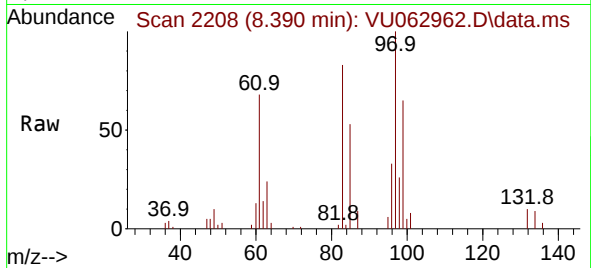


#45
1,1,2-Trichloroethane
Concen: 4.919 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 23368

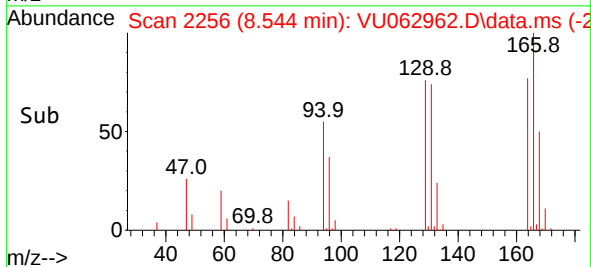
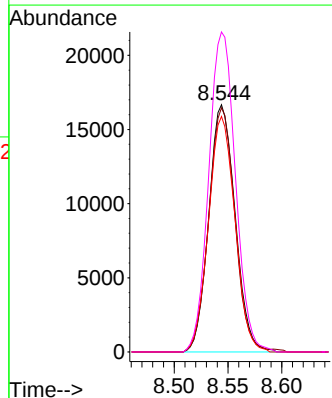
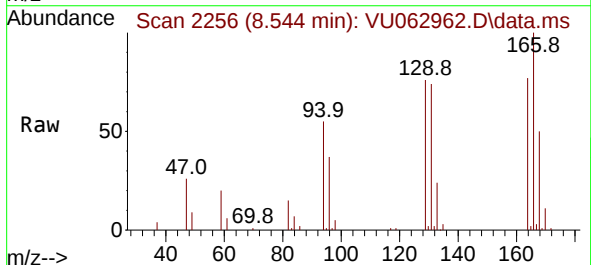
Ion	Ratio	Lower	Upper
97	100		
99	65.3	45.6	84.6
83	82.6	63.0	117.0
85	53.1	39.0	72.4

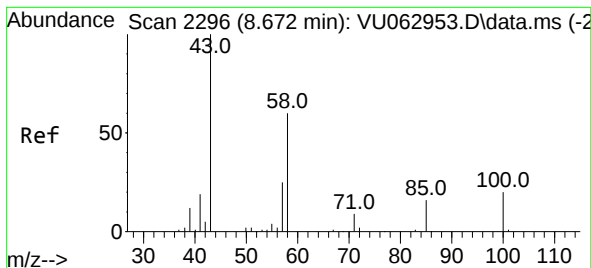


#47
Tetrachloroethene
Concen: 4.865 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion: 164 Resp: 28380

Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.0	131.9
131	95.3	69.4	129.0
166	129.5	92.7	172.3





#48

2-Hexanone

Concen: 48.741 ug/L

RT: 8.676 min Scan# 2296

Delta R.T. 0.003 min

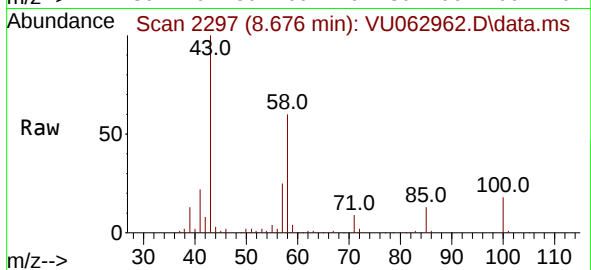
Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 95741

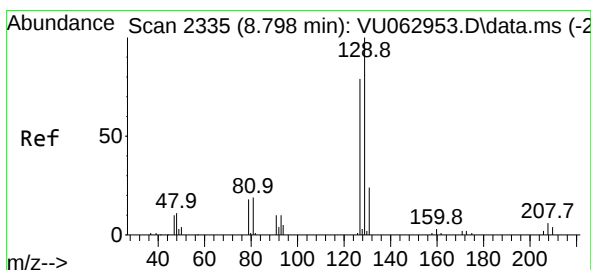
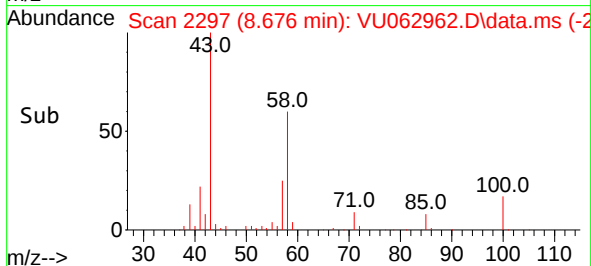
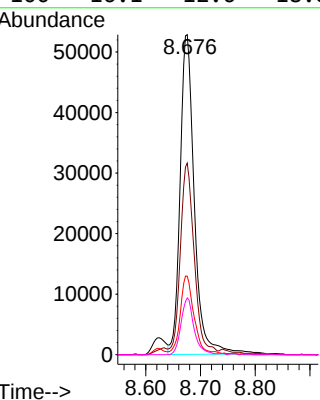
Ion Ratio Lower Upper

43 100

58 56.1 50.2 75.4

57 23.3 19.9 29.9

100 16.1 12.6 18.8



#49

Dibromochloromethane

Concen: 4.921 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU062962.D

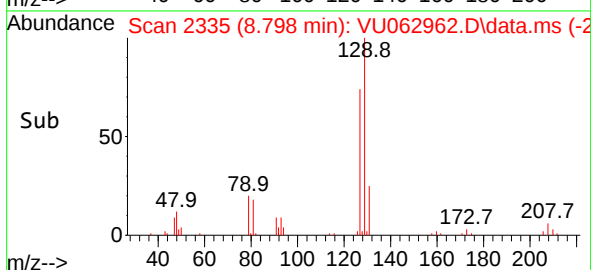
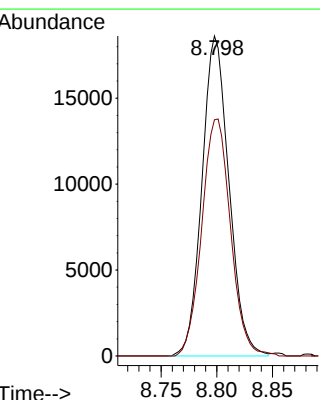
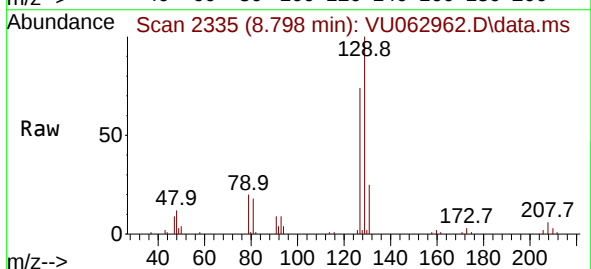
Acq: 22 Jan 2025 15:55

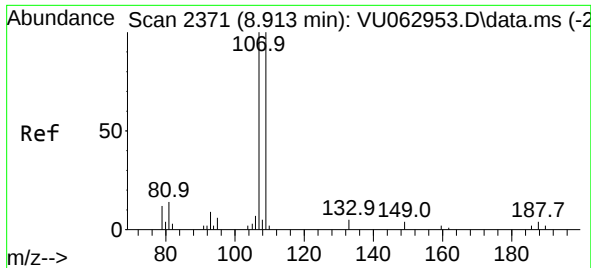
Tgt Ion: 129 Resp: 31384

Ion Ratio Lower Upper

129 100

127 73.8 52.1 96.9

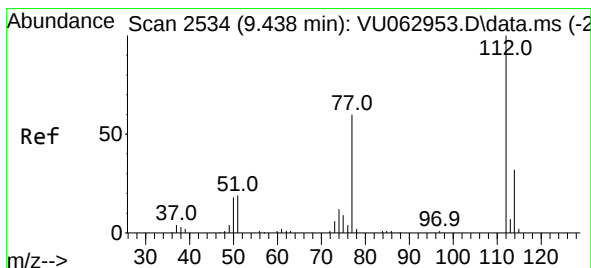
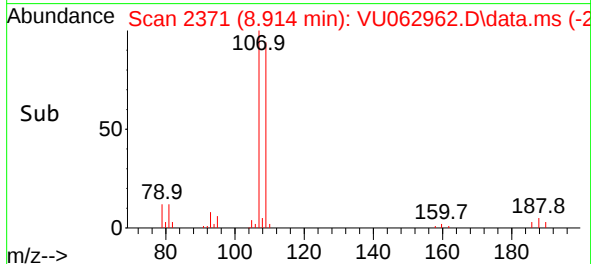
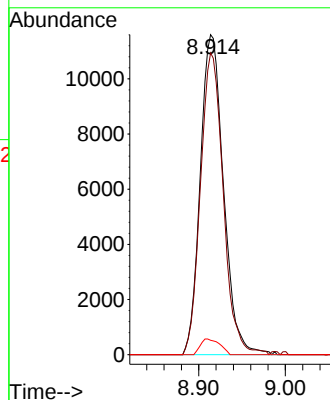
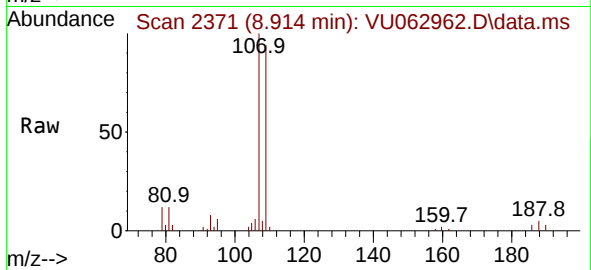




#50
1,2-Dibromoethane
Concen: 4.765 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

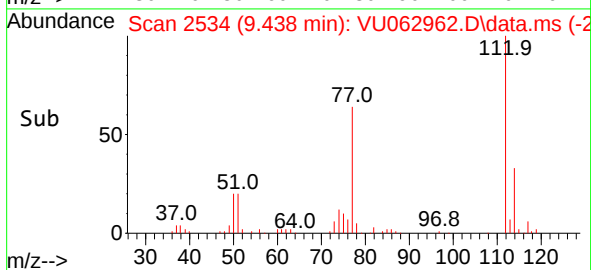
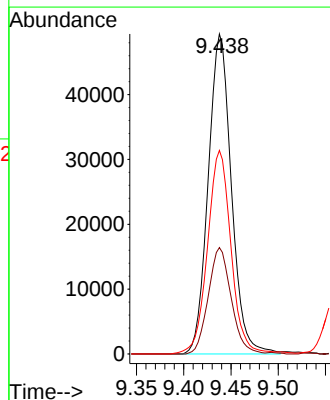
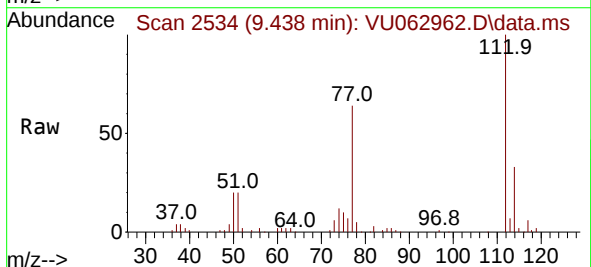
Instrument :
MSVOA_U
ClientSampleId :

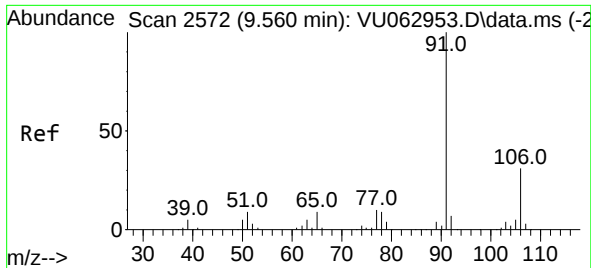
Tgt Ion:107 Resp: 21654
Ion Ratio Lower Upper
107 100
109 94.3 65.7 121.9
188 4.5 3.4 5.2



#51
Chlorobenzene
Concen: 4.741 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion:112 Resp: 84236
Ion Ratio Lower Upper
112 100
114 33.2 21.7 40.3
77 63.6 48.6 73.0

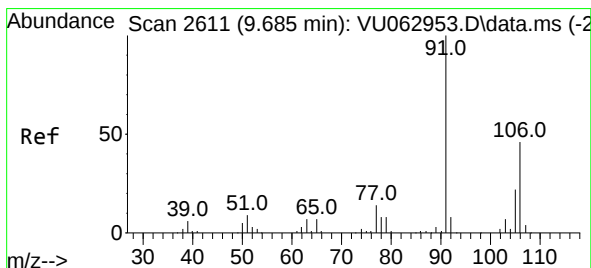
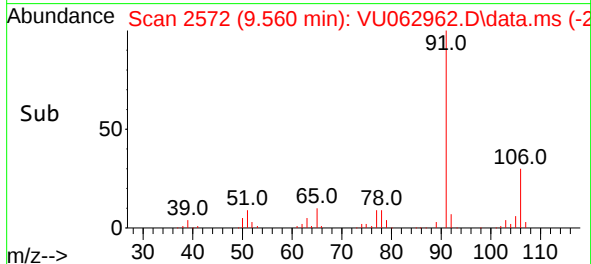
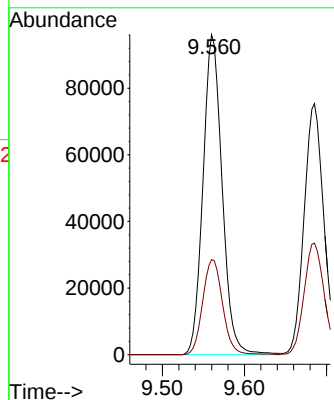
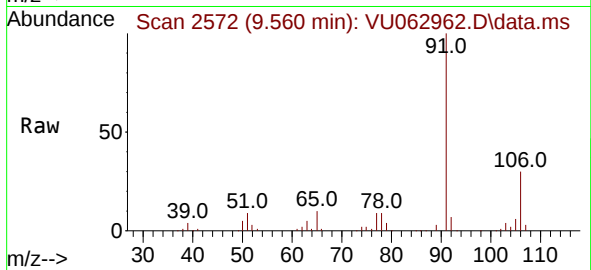




#52
Ethylbenzene
Concen: 5.050 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

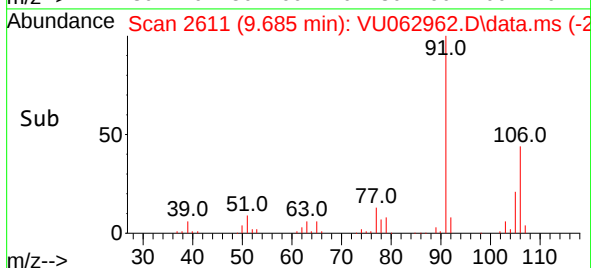
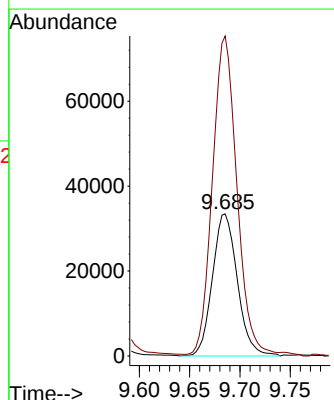
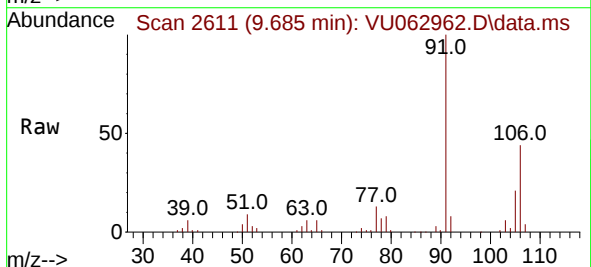
Instrument :
MSVOA_U
ClientSampleId :

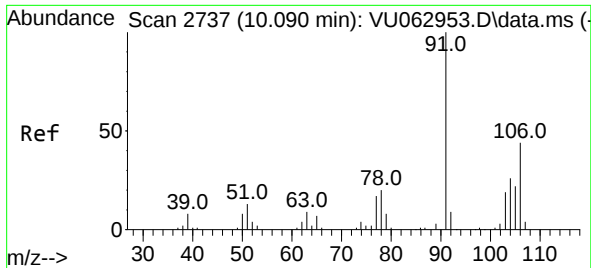
Tgt Ion: 91 Resp: 155694
Ion Ratio Lower Upper
91 100
106 29.7 21.9 40.7



#53
m,p-Xylene
Concen: 5.002 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion:106 Resp: 57673
Ion Ratio Lower Upper
106 100
91 225.1 153.1 284.3

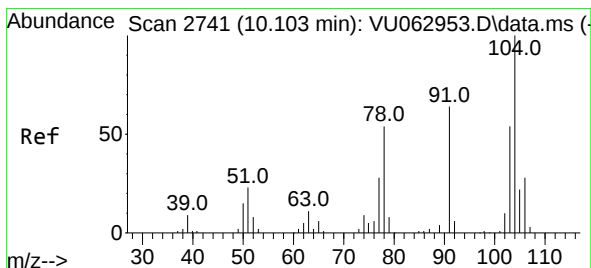
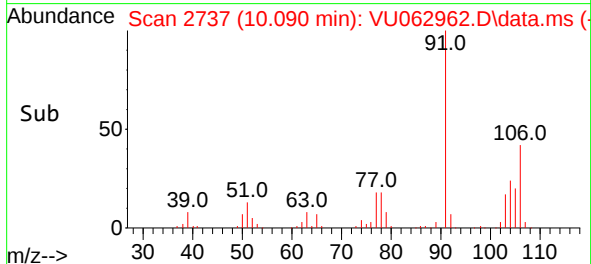
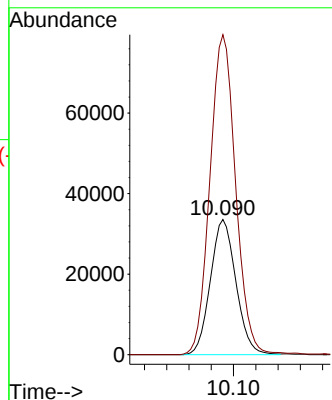
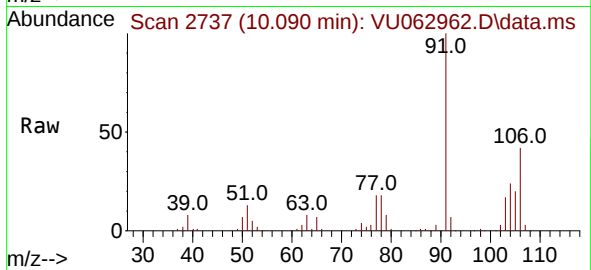




#54
o-Xylene
Concen: 4.844 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

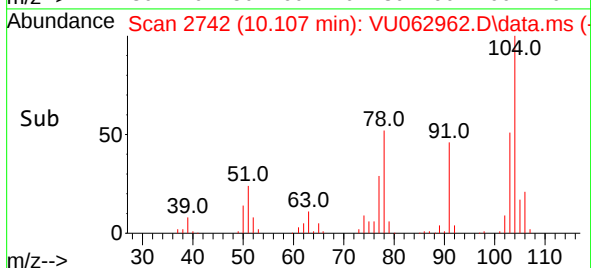
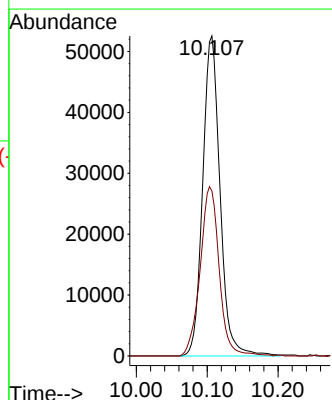
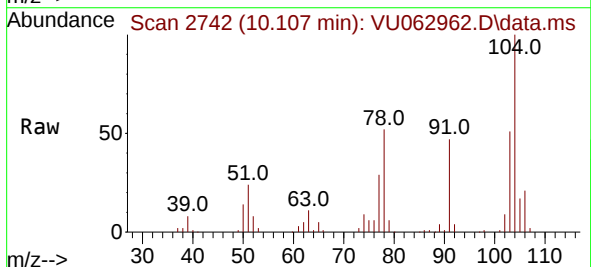
Instrument :
MSVOA_U
ClientSampleId :

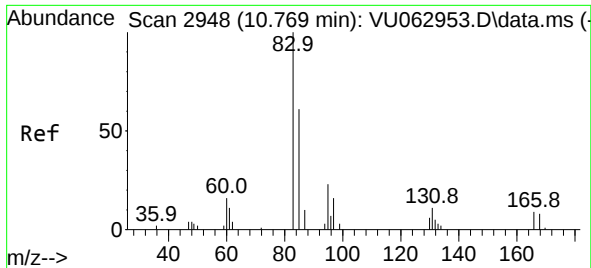
Tgt Ion:106 Resp: 53495
Ion Ratio Lower Upper
106 100
91 236.7 160.4 297.8



#55
Styrene
Concen: 4.840 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion:104 Resp: 89410
Ion Ratio Lower Upper
104 100
78 51.6 35.5 65.9

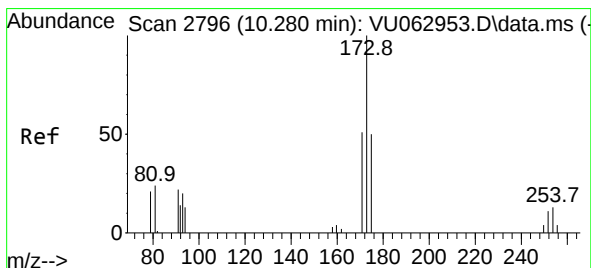
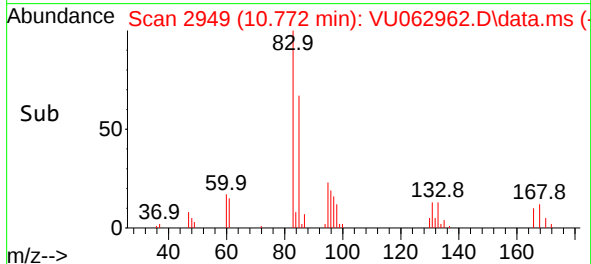
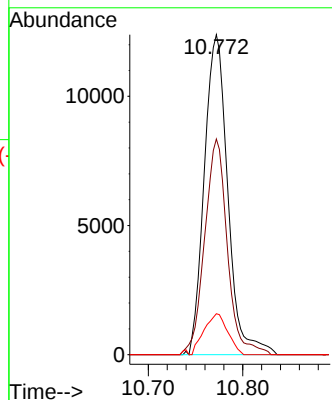
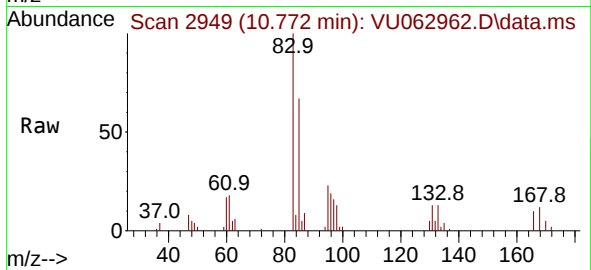




#57
1,1,2,2-Tetrachloroethane
Concen: 4.011 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

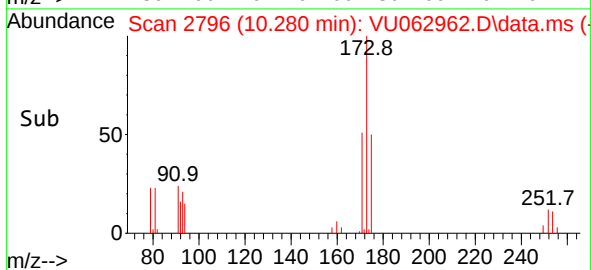
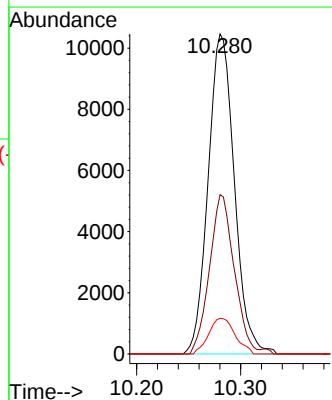
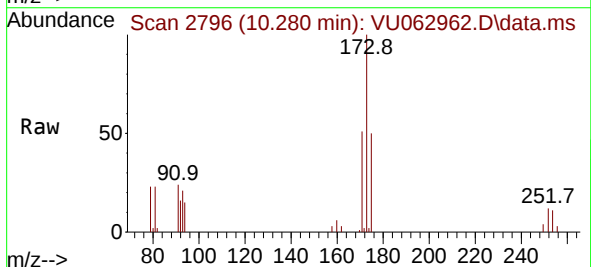
Instrument :
MSVOA_U
ClientSampleId :

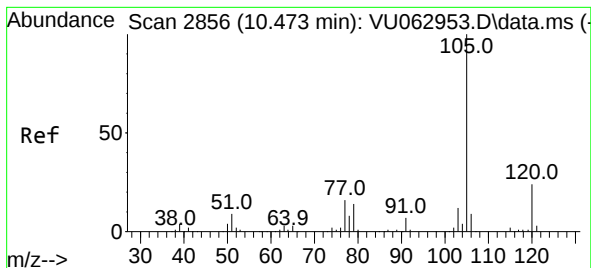
Tgt Ion: 83 Resp: 21376
Ion Ratio Lower Upper
83 100
85 67.4 43.0 79.8
131 12.8 7.4 11.0#



#59
Bromoform
Concen: 4.539 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion:173 Resp: 18315
Ion Ratio Lower Upper
173 100
175 47.0 39.8 59.8
254 11.2 8.6 12.8





#60

Isopropylbenzene

Concen: 4.219 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

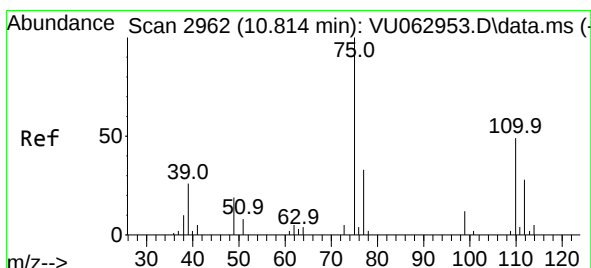
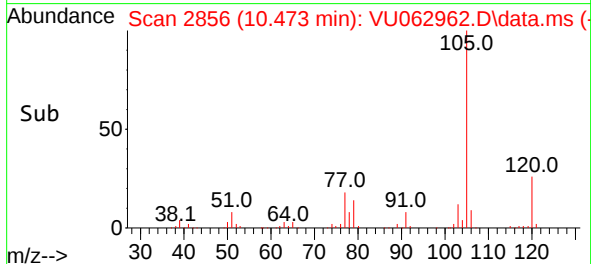
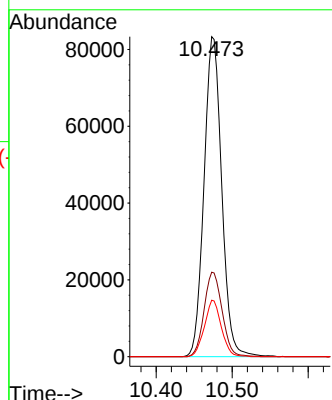
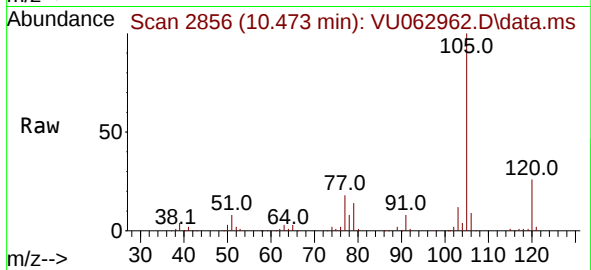
Tgt Ion:105 Resp: 134494

Ion Ratio Lower Upper

105 100

120 26.9 20.2 30.2

77 16.9 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.026 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

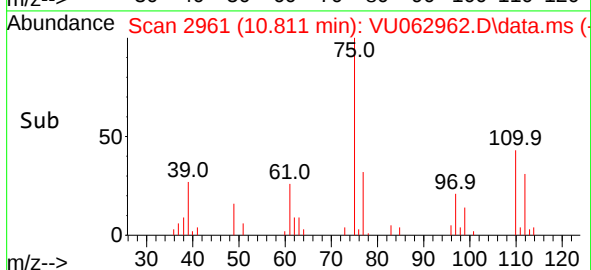
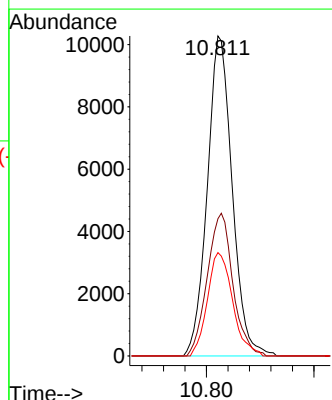
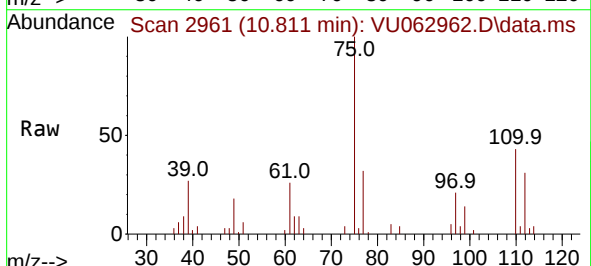
Tgt Ion: 75 Resp: 16521

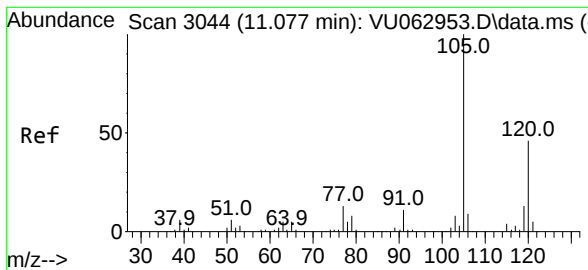
Ion Ratio Lower Upper

75 100

110 46.0 33.2 49.8

77 32.7 25.9 38.9

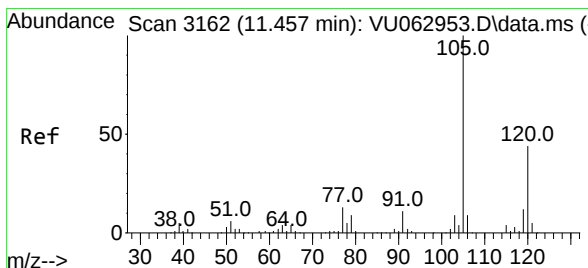
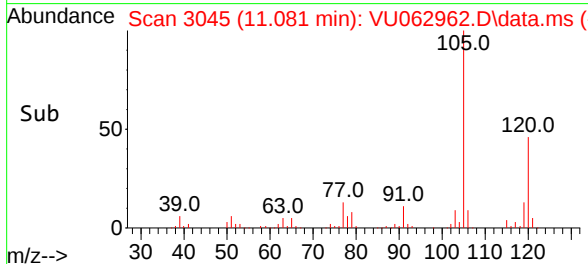
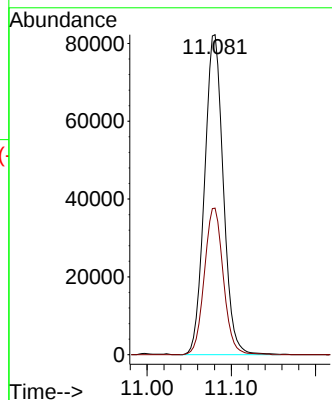
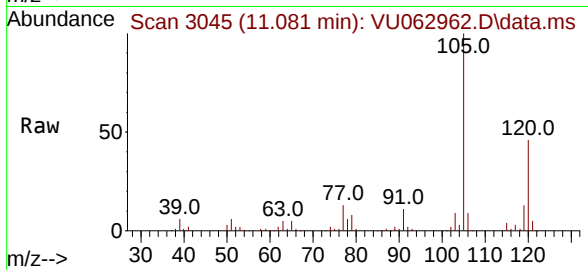




#62
1,3,5-Trimethylbenzene
Concen: 4.708 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

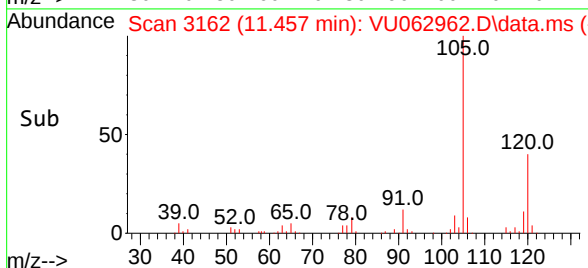
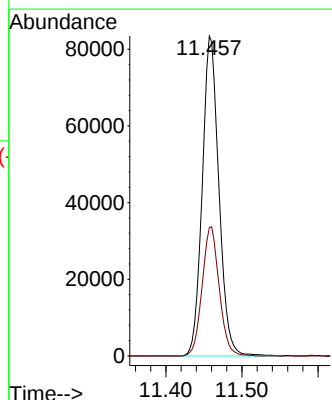
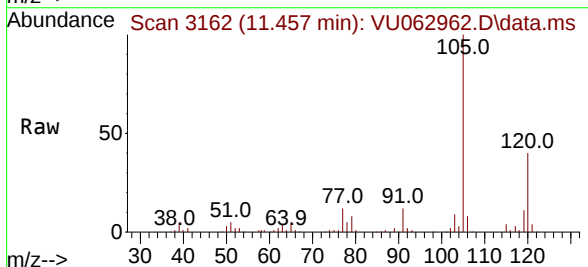
Instrument :
MSVOA_U
ClientSampleId :

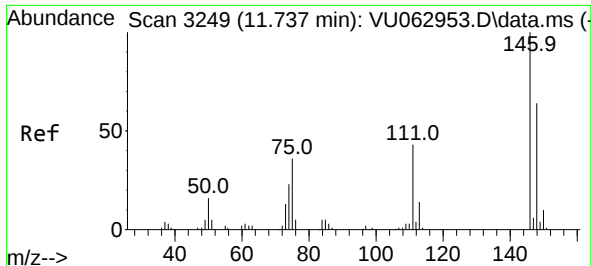
Tgt Ion:105 Resp: 127551
Ion Ratio Lower Upper
105 100
120 46.4 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.837 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

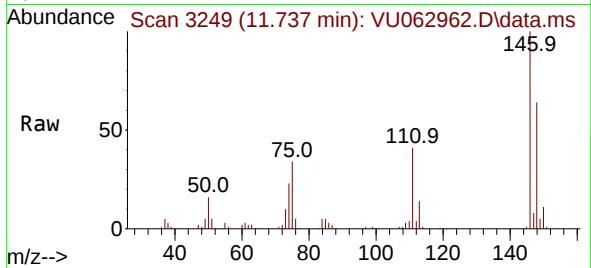
Tgt Ion:105 Resp: 126785
Ion Ratio Lower Upper
105 100
120 41.4 34.2 51.2



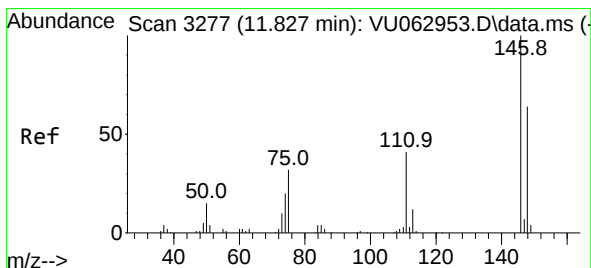
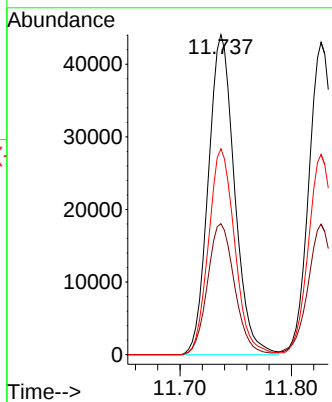
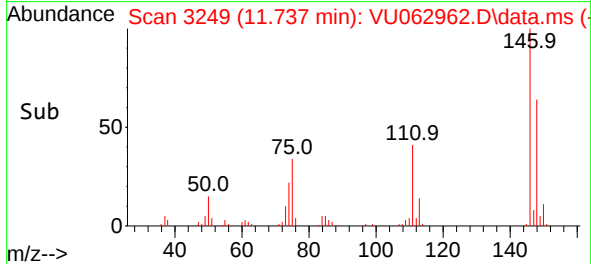


#64
1,3-Dichlorobenzene
Concen: 4.887 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

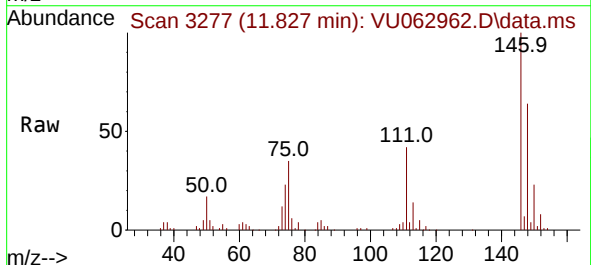
Instrument :
MSVOA_U
ClientSampleId :



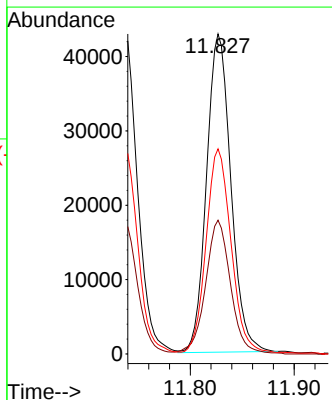
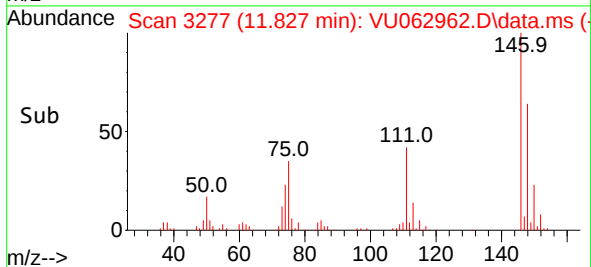
Tgt Ion:146 Resp: 72229
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.0
148 64.4 44.0 81.6

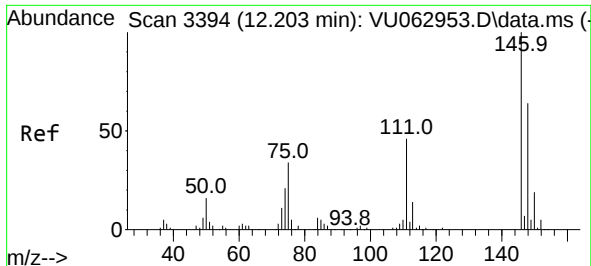


#65
1,4-Dichlorobenzene
Concen: 4.678 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55



Tgt Ion:146 Resp: 69713
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.9
148 64.1 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.955 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

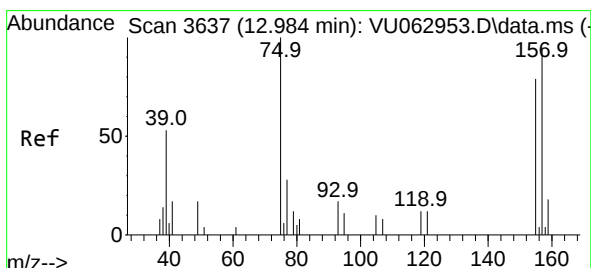
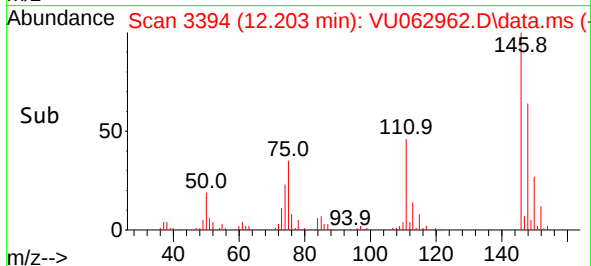
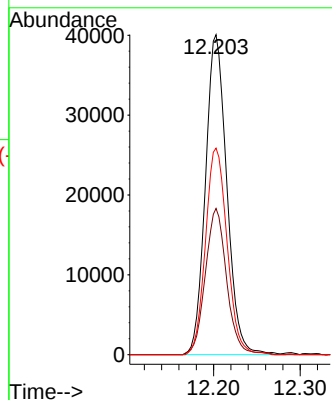
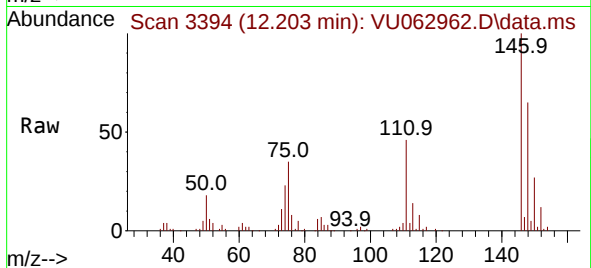
Tgt Ion:146 Resp: 68622

Ion Ratio Lower Upper

146 100

111 45.7 36.3 54.5

148 64.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.997 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

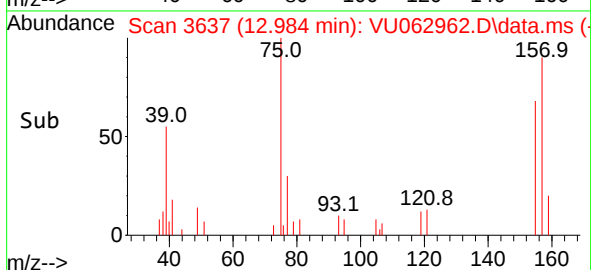
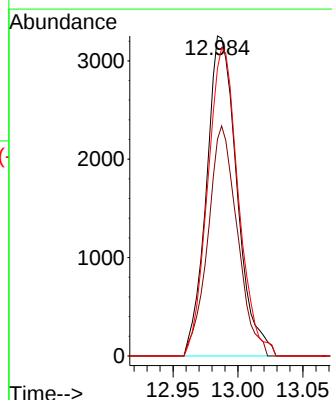
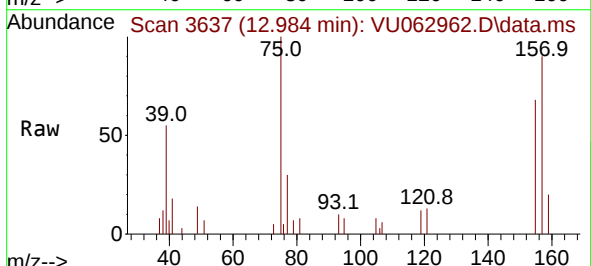
Tgt Ion: 75 Resp: 5311

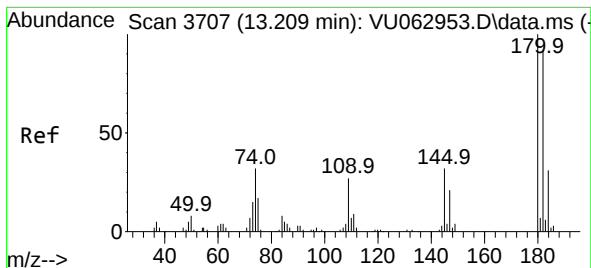
Ion Ratio Lower Upper

75 100

155 67.7 59.6 89.4

157 89.9 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 4.950 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 55090

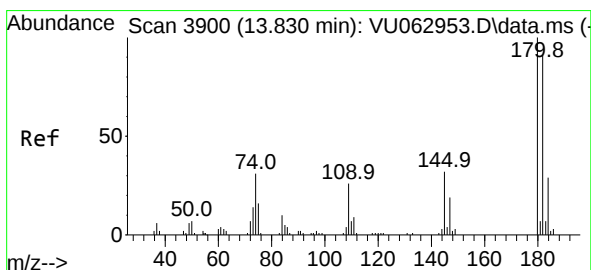
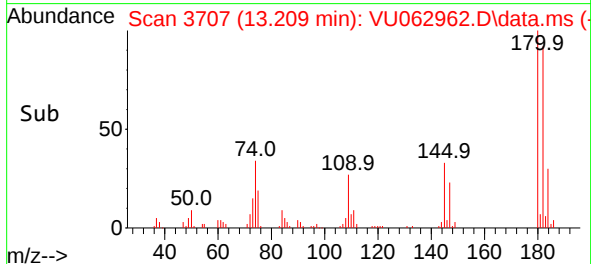
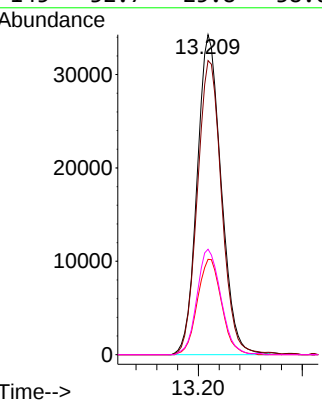
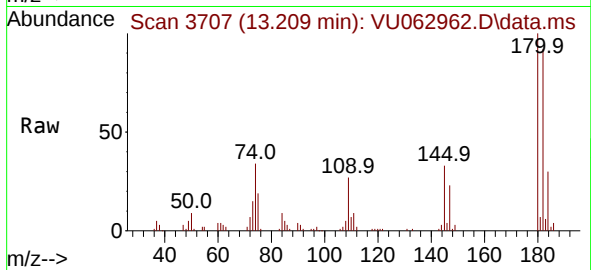
Ion Ratio Lower Upper

180 100

182 92.8 75.8 113.8

184 29.9 24.7 37.1

145 32.7 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 3.912 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU062962.D

Acq: 22 Jan 2025 15:55

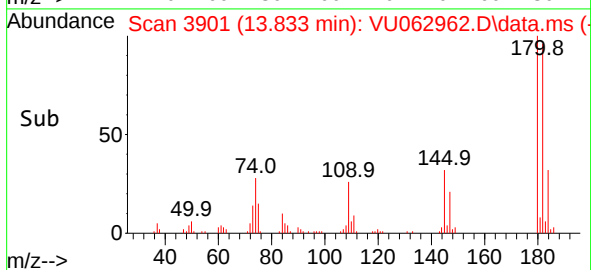
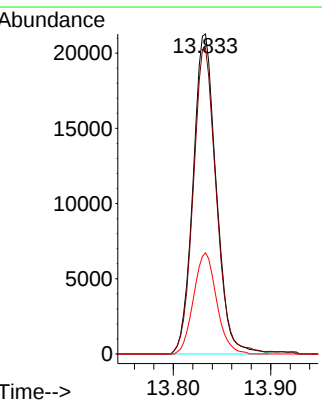
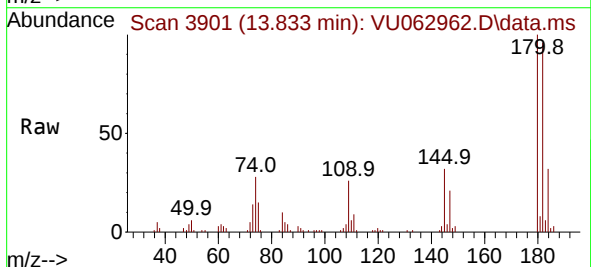
Tgt Ion:180 Resp: 35070

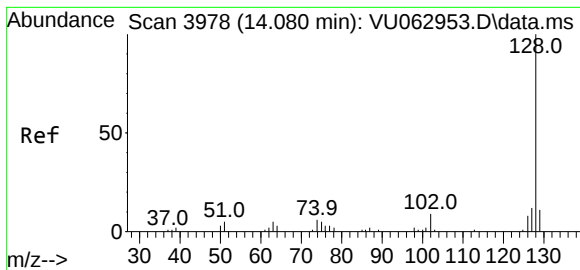
Ion Ratio Lower Upper

180 100

182 95.8 77.1 115.7

145 31.5 26.9 40.3

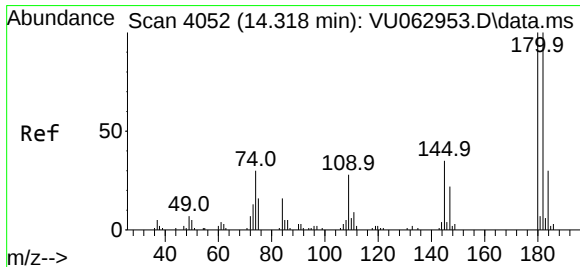
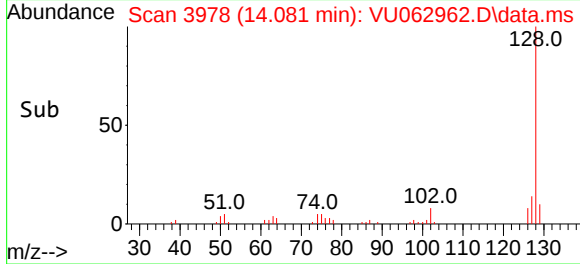
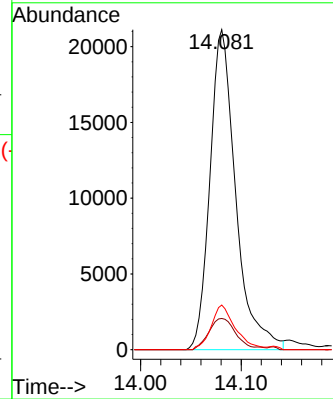
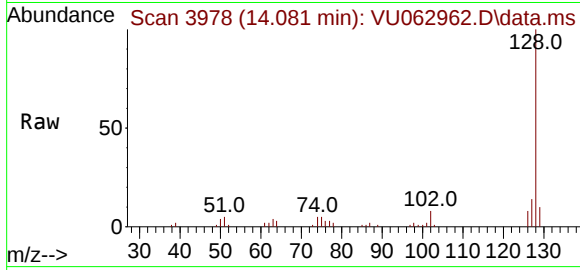




#71
Naphthalene
Concen: 2.871 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 37663
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 3.787 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU062962.D
Acq: 22 Jan 2025 15:55

Tgt Ion:180 Resp: 29589
Ion Ratio Lower Upper
180 100
182 95.3 79.8 119.6
145 34.8 29.2 43.8

