

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123024\
 Data File : VU062633.D
 Acq On : 30 Dec 2024 09:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 31 00:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	104262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23341	3.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.901	69	20714	4.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.557	65	12183	3.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.618	46	65359	48.494	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.980%
24) Chloroform-d	5.052	84	70032	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.692	65	38852	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.718	84	118058	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	32729	4.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.888	98	114864	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.171	79	17832	5.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.624	63	58665	56.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29713	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	43392	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	40596	4.157	ug/L	98
3) Chloromethane	1.515	50	27084	3.538	ug/L	99
5) Vinyl chloride	1.596	62	32218	4.042	ug/L	99
6) Bromomethane	1.850	94	23099	4.348	ug/L	97
8) Chloroethane	1.924	64	20504	4.593	ug/L	100
9) Trichlorofluoromethane	2.129	101	71052	5.136	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37503	4.980	ug/L	92
12) 1,1-Dichloroethene	2.570	96	30248	4.297	ug/L	89
13) Acetone	2.628	43	46589	50.769	ug/L	98
14) Carbon disulfide	2.782	76	80446	3.614	ug/L	100
15) Methyl Acetate	2.946	43	10376	4.511	ug/L #	84
16) Methylene chloride	3.033	84	34072	4.611	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	91414	5.213	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	32962	4.557	ug/L	91
19) 1,1-Dichloroethane	3.856	63	62403	4.707	ug/L	98
21) 2-Butanone	4.695	43	67701	50.801	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	37503	4.626	ug/L	90
23) Bromochloromethane	4.965	128	17528	4.932	ug/L #	82
25) Chloroform	5.075	83	76086	5.095	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123024\
 Data File : VU062633.D
 Acq On : 30 Dec 2024 09:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 31 00:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

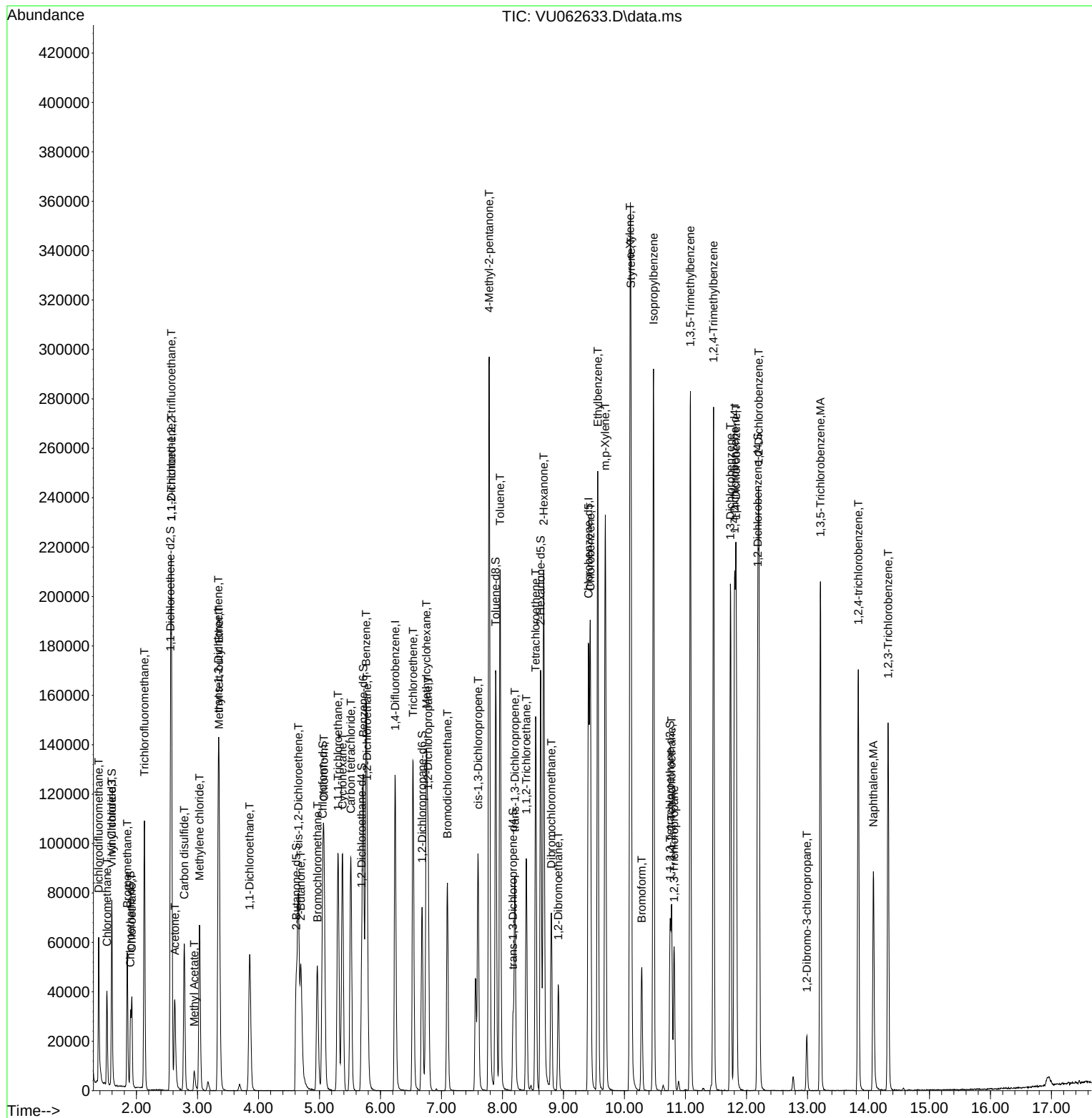
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	48685	5.130	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	74021	5.559	ug/L	95
30) Cyclohexane	5.377	56	45260	4.192	ug/L	89
31) Carbon tetrachloride	5.515	117	67699	5.545	ug/L	99
33) Benzene	5.763	78	137413	4.684	ug/L	100
34) Trichloroethene	6.534	95	47367	5.701	ug/L	98
35) Methylcyclohexane	6.753	83	53919	4.377	ug/L	94
37) 1,2-Dichloropropane	6.782	63	33728	4.722	ug/L	99
38) Bromodichloromethane	7.097	83	55148	5.472	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	58431	5.103	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	169347	50.583	ug/L #	92
42) Toluene	7.962	91	155764	4.924	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	53249	5.695	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	28952	5.369	ug/L	95
47) Tetrachloroethene	8.544	164	32387	5.048	ug/L	93
48) 2-Hexanone	8.676	43	120539	48.718	ug/L #	95
49) Dibromochloromethane	8.801	129	37705	5.787	ug/L	97
50) 1,2-Dibromoethane	8.914	107	26675	5.148	ug/L	95
51) Chlorobenzene	9.441	112	100458	4.957	ug/L	97
52) Ethylbenzene	9.563	91	178346	5.029	ug/L	100
53) m,p-Xylene	9.685	106	67921	5.187	ug/L	96
54) o-Xylene	10.090	106	64666	5.078	ug/L	96
55) Styrene	10.107	104	109572	5.220	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	32779	5.223	ug/L #	98
59) Bromoform	10.283	173	23216	5.947	ug/L	97
60) Isopropylbenzene	10.476	105	183986	5.127	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	24235	5.276	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	158550	5.221	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	154690	5.199	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	85216	5.170	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	83794	5.048	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80049	5.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	6414	6.402	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	65447	5.342	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	52051	5.381	ug/L	97
71) Naphthalene	14.081	128	77739	5.352	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	47138	5.525	ug/L	99

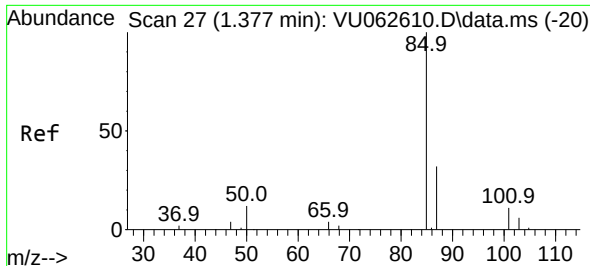
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123024\
Data File : VU062633.D
Acq On : 30 Dec 2024 09:04
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 31 00:12:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 27 21:56:24 2024
Response via : Initial Calibration

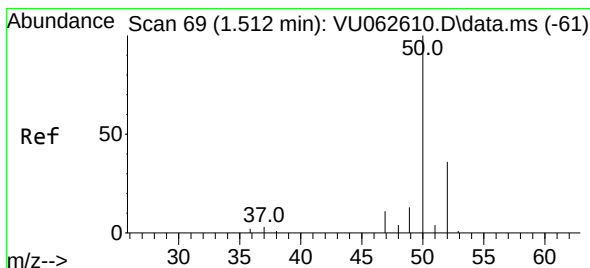
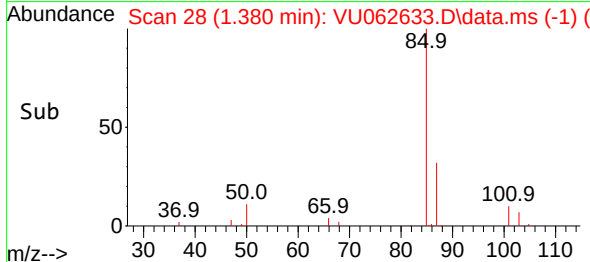
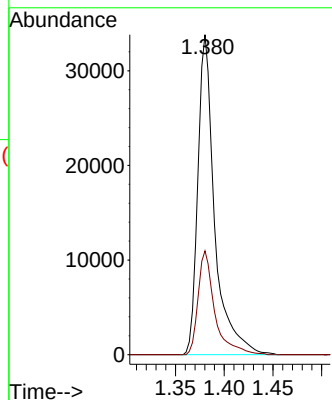
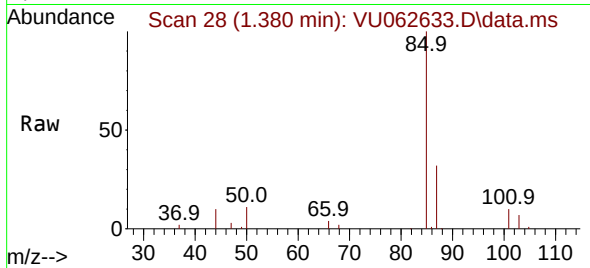




#2
Dichlorodifluoromethane
Concen: 4.157 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

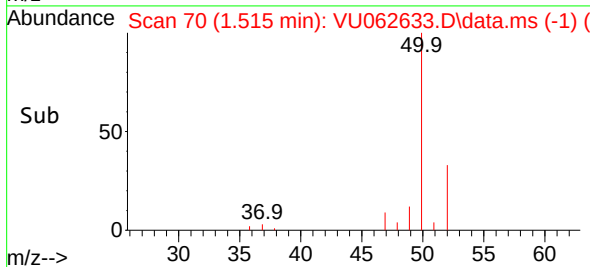
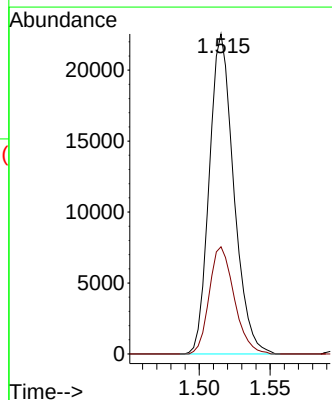
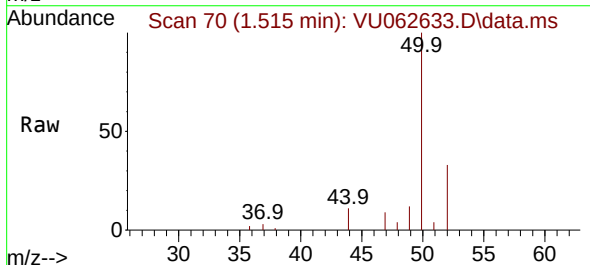
Instrument :
MSVOA_U
ClientSampleId :

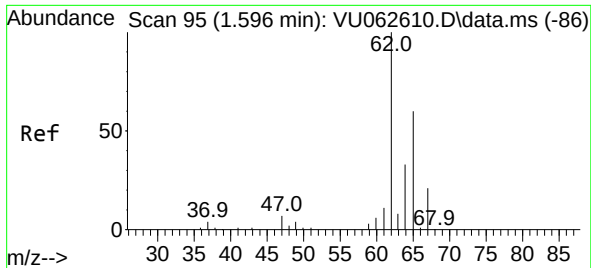
Tgt Ion: 85 Resp: 40596
Ion Ratio Lower Upper
85 100
87 32.3 26.6 40.0



#3
Chloromethane
Concen: 3.538 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion: 50 Resp: 27084
Ion Ratio Lower Upper
50 100
52 33.5 23.1 42.9

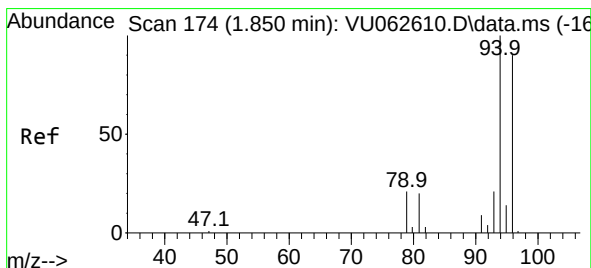
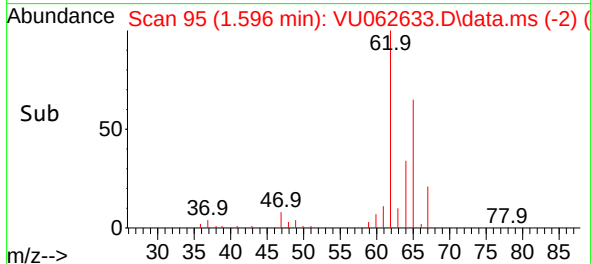
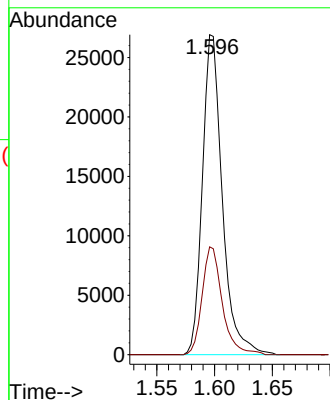
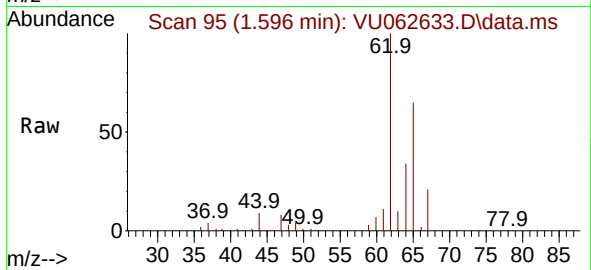




#5
 Vinyl chloride
 Concen: 4.042 ug/L
 RT: 1.596 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VU062633.D
 Acq: 30 Dec 2024 09:04

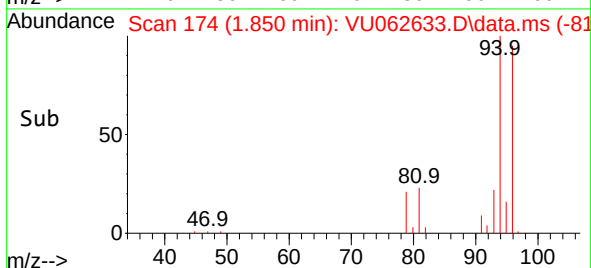
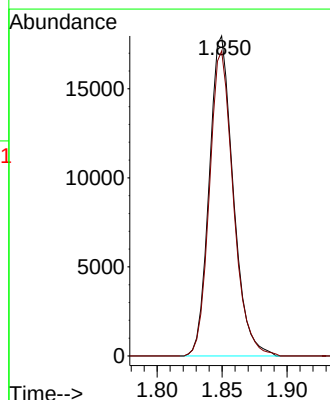
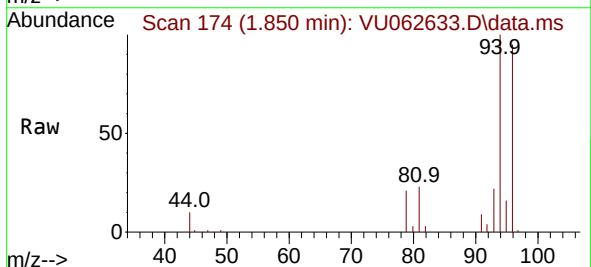
Instrument :
 MSVOA_U
 ClientSampleId :

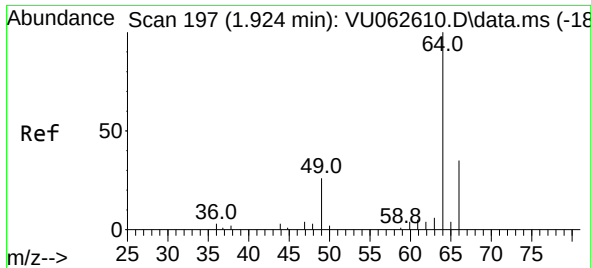
Tgt Ion: 62 Resp: 32218
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 4.348 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VU062633.D
 Acq: 30 Dec 2024 09:04

Tgt Ion: 94 Resp: 23099
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.5 119.9

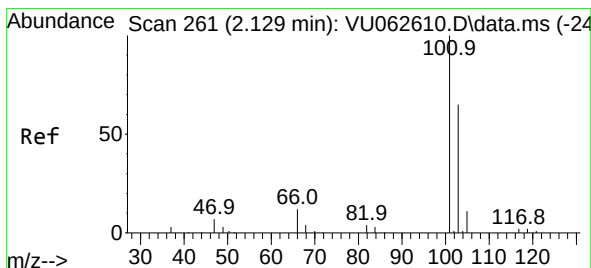
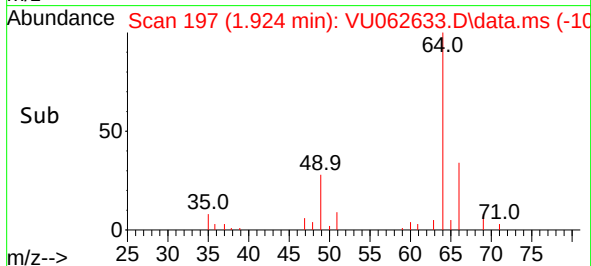
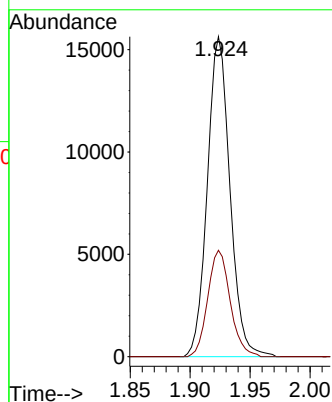
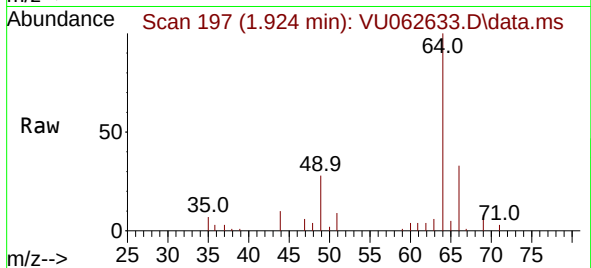




#8
Chloroethane
Concen: 4.593 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

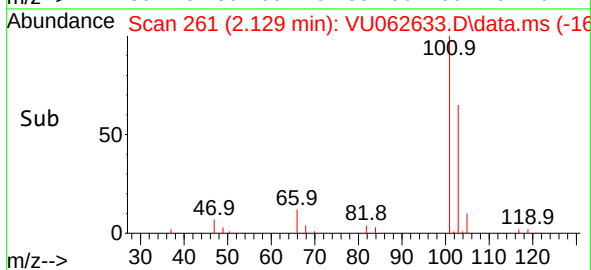
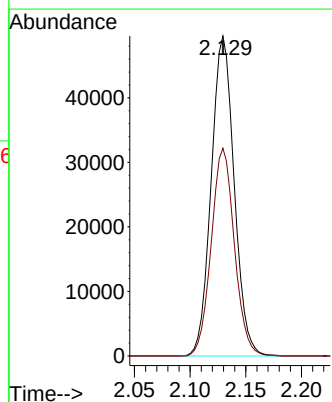
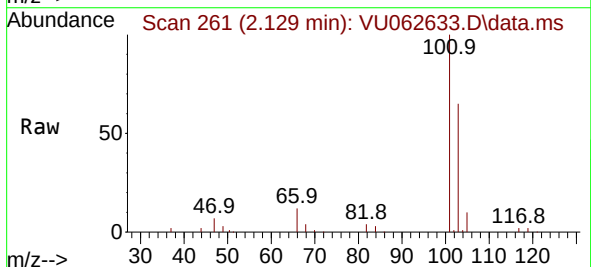
Instrument :
MSVOA_U
ClientSampleId :

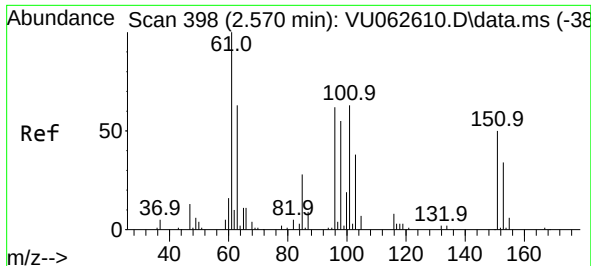
Tgt Ion: 64 Resp: 20504
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.136 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion:101 Resp: 71052
Ion Ratio Lower Upper
101 100
103 65.5 50.6 75.8

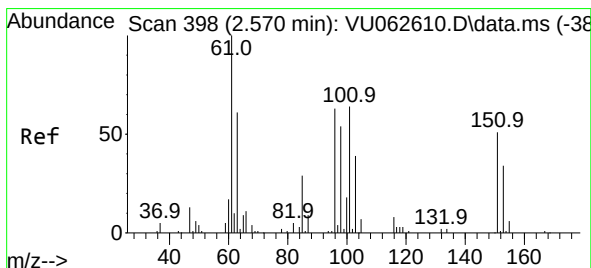
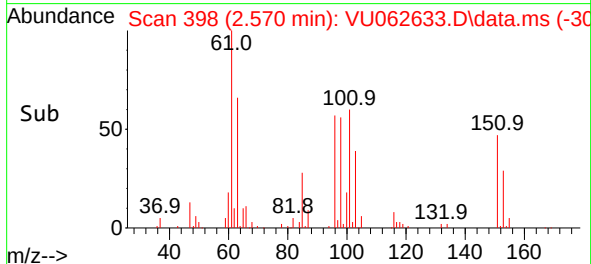
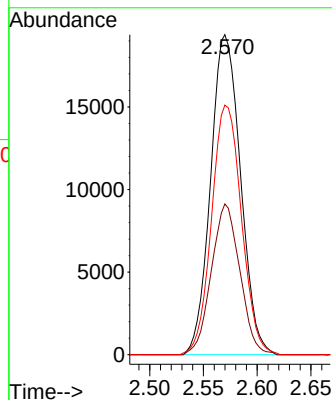
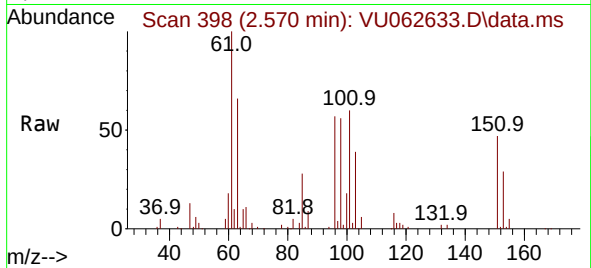




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.980 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

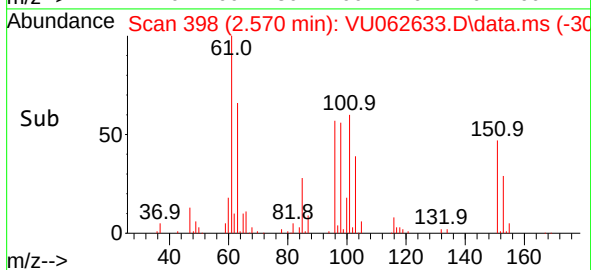
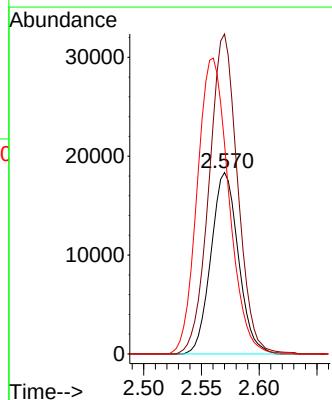
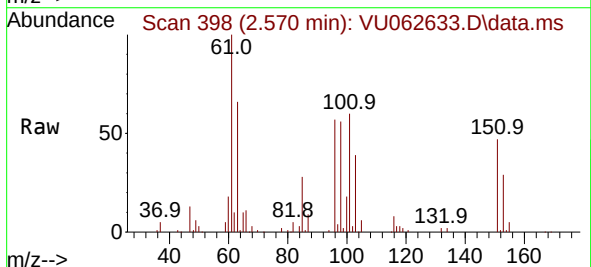
Instrument :
MSVOA_U
ClientSampleId :

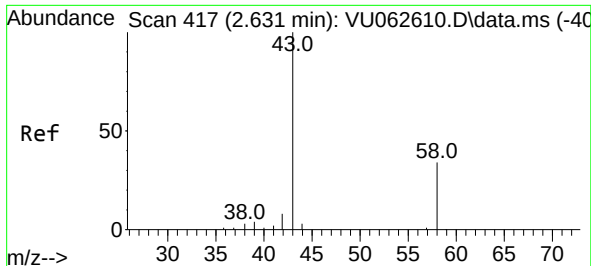
Tgt Ion:101 Resp: 37503
Ion Ratio Lower Upper
101 100
85 44.8 38.0 57.0
151 78.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.297 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion: 96 Resp: 30248
Ion Ratio Lower Upper
96 100
61 176.3 119.6 222.2
63 116.0 65.0 120.6





#13

Acetone

Concen: 50.769 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

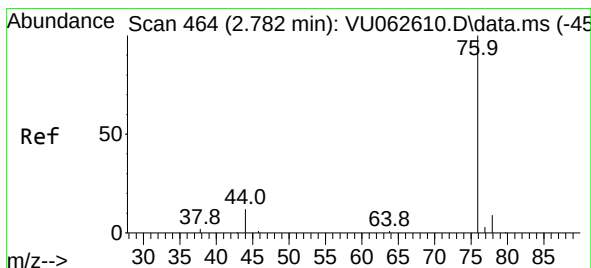
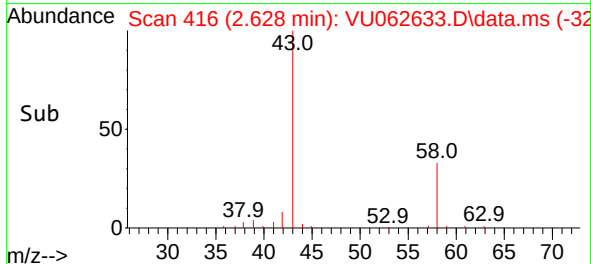
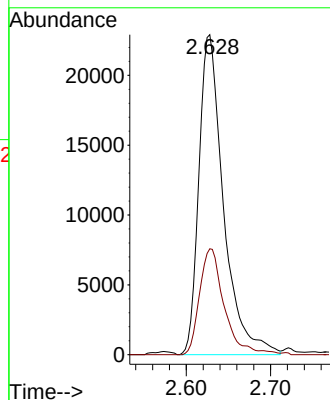
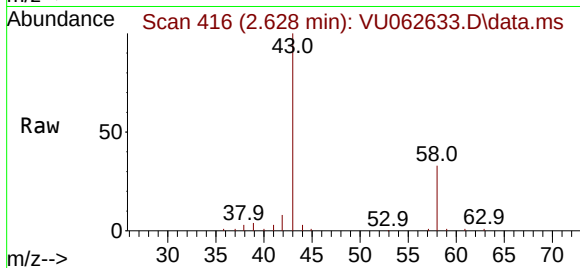
ClientSampleId :

Tgt Ion: 43 Resp: 46589

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.0



#14

Carbon disulfide

Concen: 3.614 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU062633.D

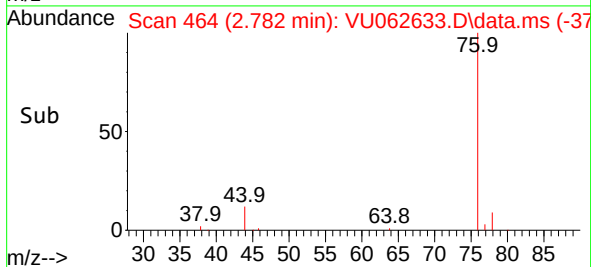
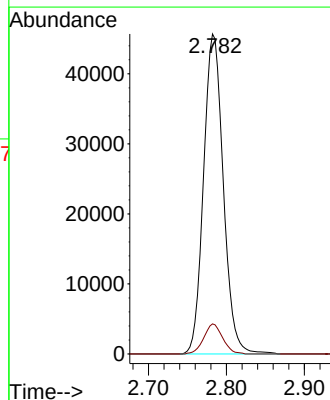
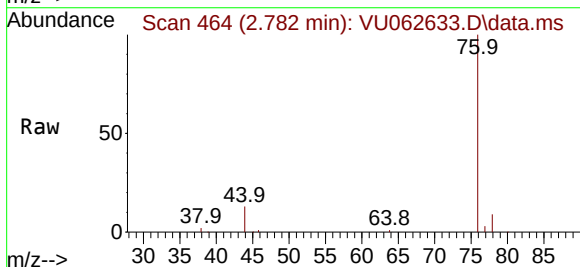
Acq: 30 Dec 2024 09:04

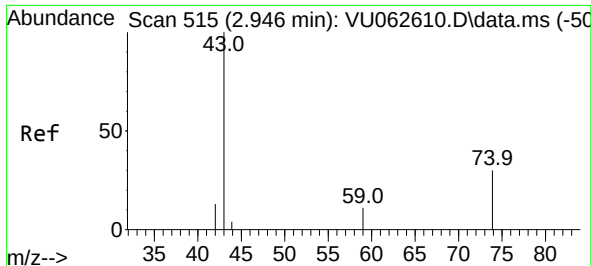
Tgt Ion: 76 Resp: 80446

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

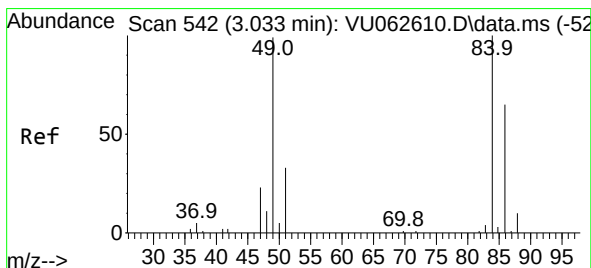
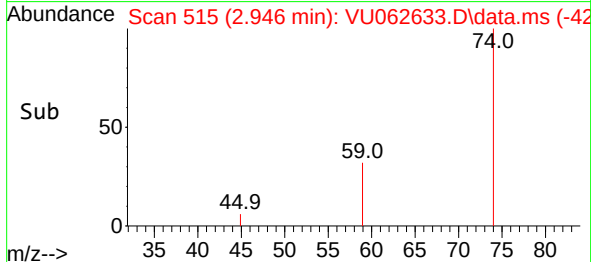
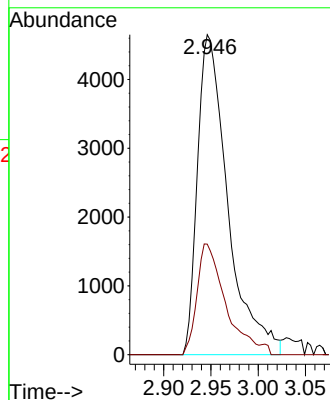
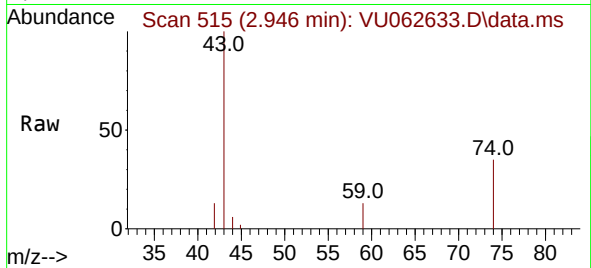




#15
Methyl Acetate
Concen: 4.511 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

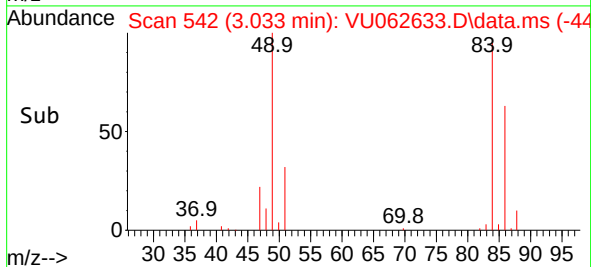
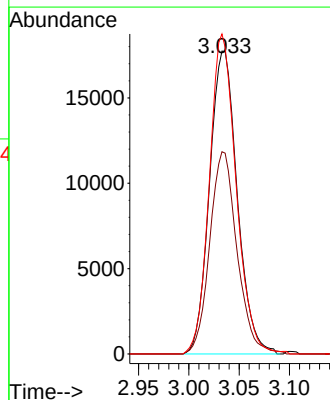
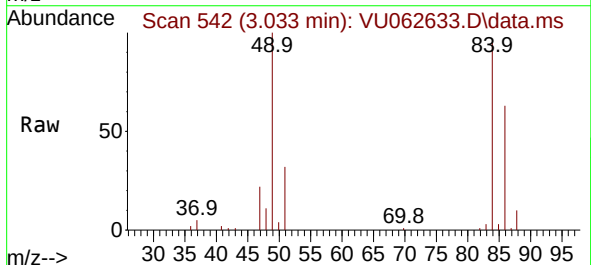
Instrument :
MSVOA_U
ClientSampleId :

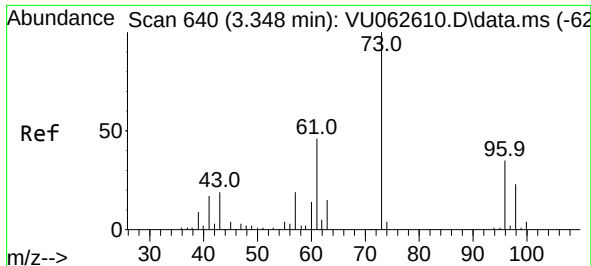
Tgt Ion: 43 Resp: 10376
Ion Ratio Lower Upper
43 100
74 32.1 19.4 29.2#



#16
Methylene chloride
Concen: 4.611 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

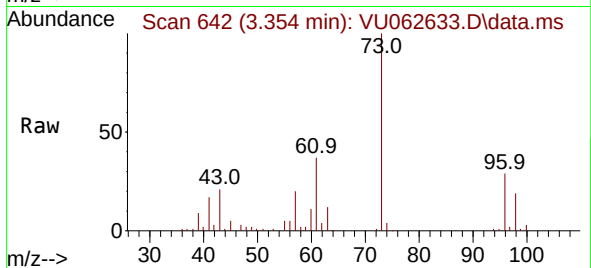
Tgt Ion: 84 Resp: 34072
Ion Ratio Lower Upper
84 100
86 66.8 43.5 80.7
49 105.6 81.9 152.1



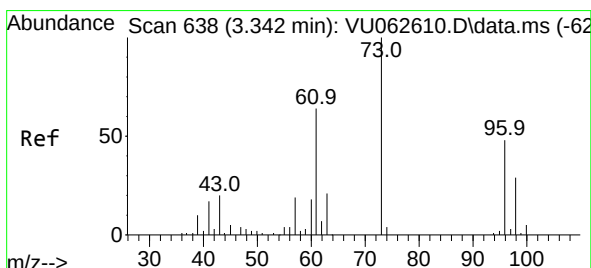
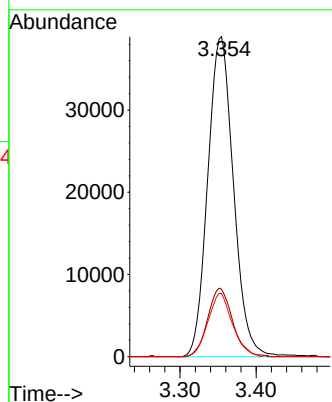
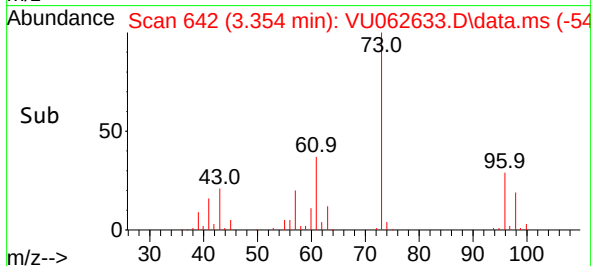


#17
Methyl tert-butyl Ether
Concen: 5.213 ug/L
RT: 3.354 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Instrument :
MSVOA_U
ClientSampleId :

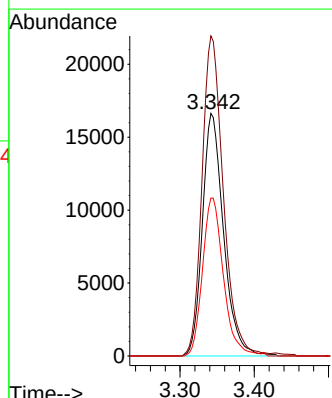
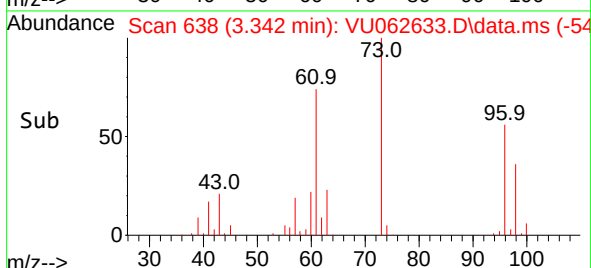
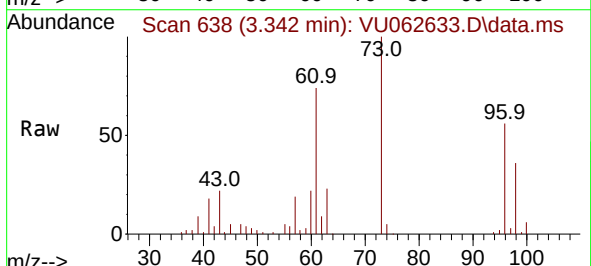


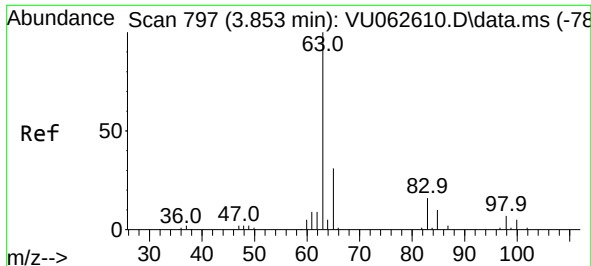
Tgt Ion: 73 Resp: 91414
Ion Ratio Lower Upper
73 100
43 20.8 16.3 24.5
57 18.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.557 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion: 96 Resp: 32962
Ion Ratio Lower Upper
96 100
61 131.9 104.2 193.4
98 65.1 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.707 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

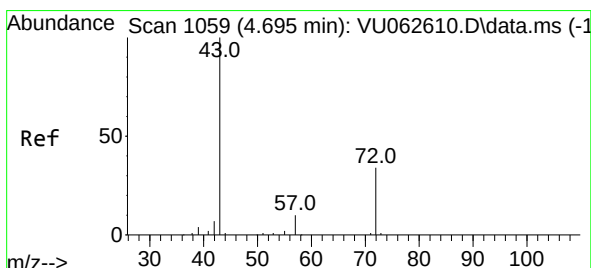
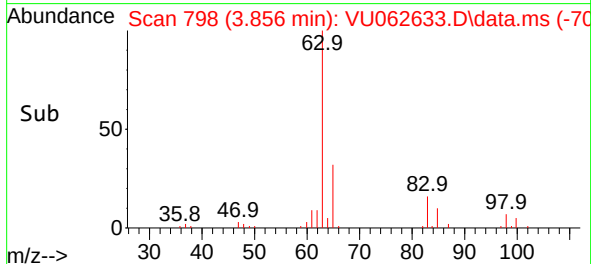
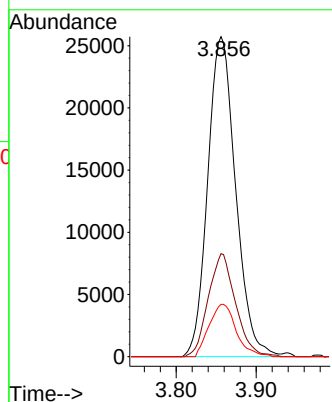
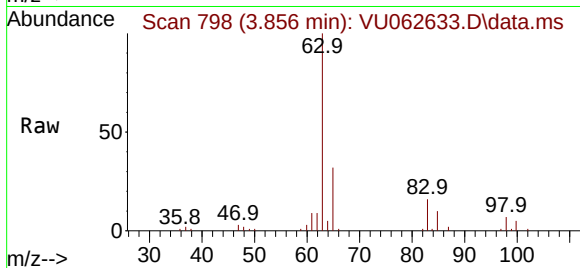
Tgt Ion: 63 Resp: 62403

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.3

83 16.4 9.9 18.3



#21

2-Butanone

Concen: 50.801 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VU062633.D

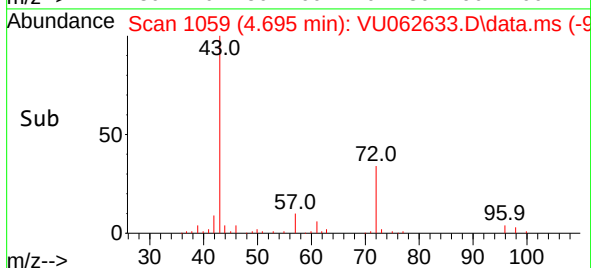
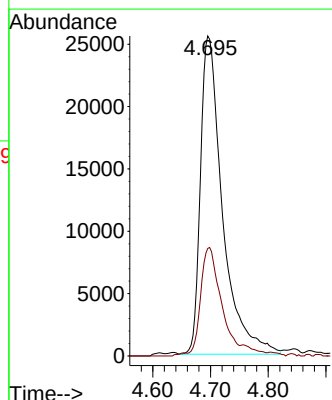
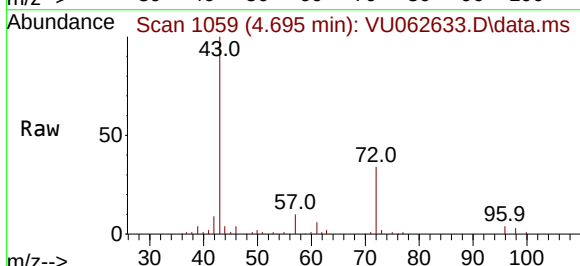
Acq: 30 Dec 2024 09:04

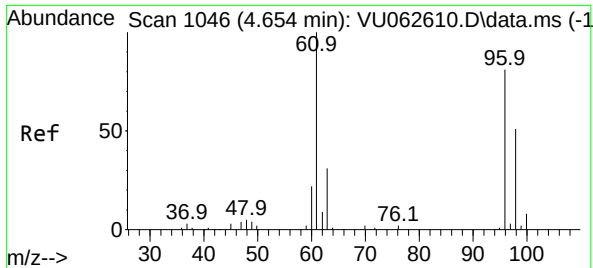
Tgt Ion: 43 Resp: 67701

Ion Ratio Lower Upper

43 100

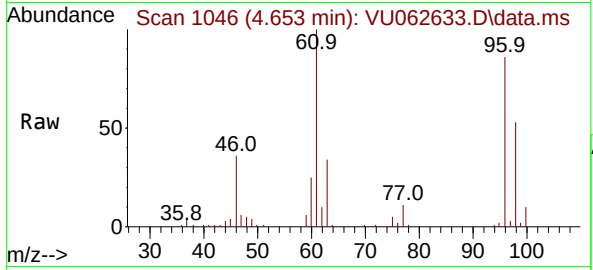
72 29.6 14.8 44.4





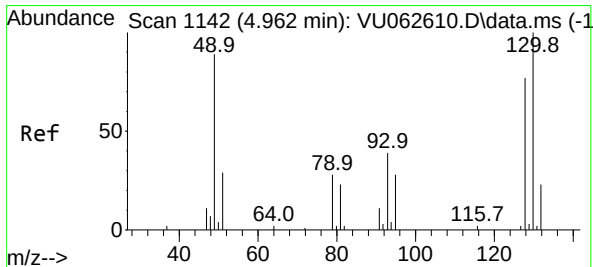
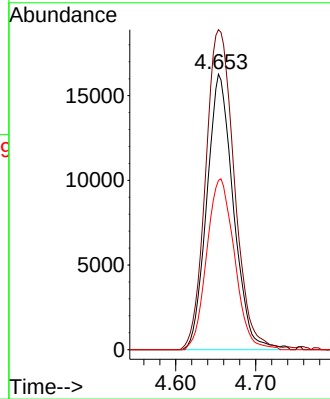
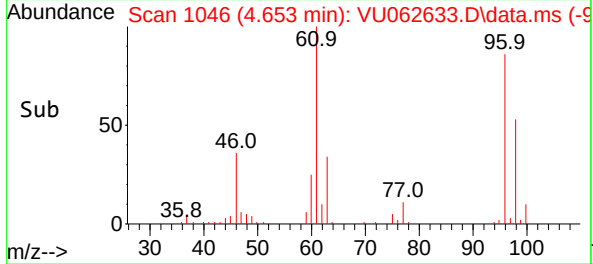
#22
 cis-1,2-Dichloroethene
 Concen: 4.626 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062633.D
 Acq: 30 Dec 2024 09:04

Instrument :
 MSVOA_U
 ClientSampleId :

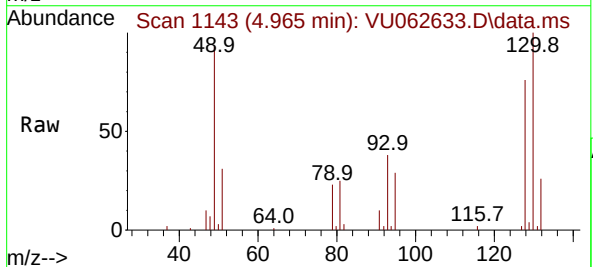


Tgt Ion: 96 Resp: 37503

Ion	Ratio	Lower	Upper
96	100		
61	116.1	92.0	170.8
98	61.4	44.5	82.7

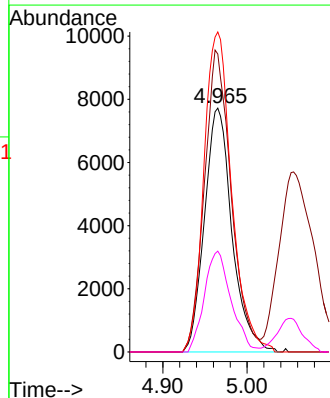
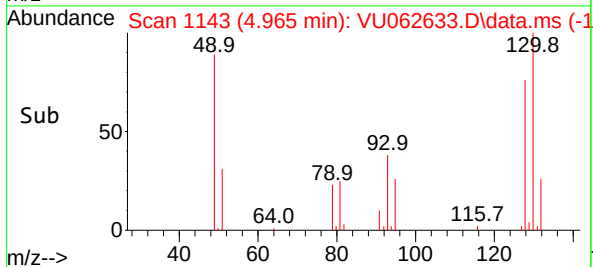


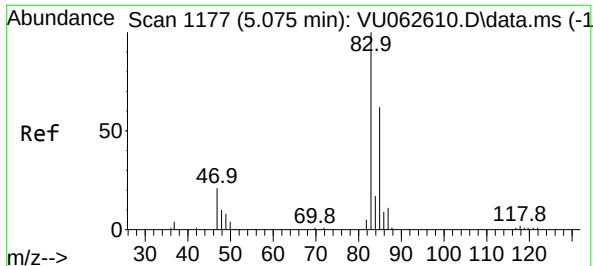
#23
 Bromochloromethane
 Concen: 4.932 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.003 min
 Lab File: VU062633.D
 Acq: 30 Dec 2024 09:04



Tgt Ion: 128 Resp: 17528

Ion	Ratio	Lower	Upper
128	100		
49	122.1	115.3	214.1
130	131.2	92.0	170.8
51	41.3	44.7	67.1





#25

Chloroform

Concen: 5.095 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

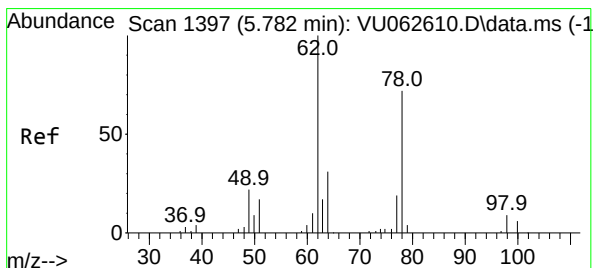
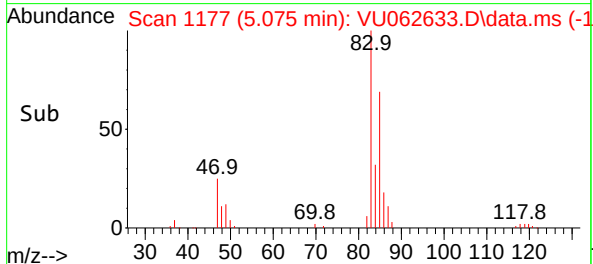
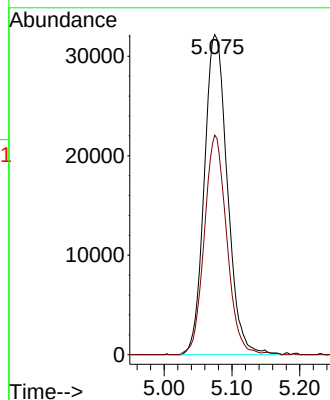
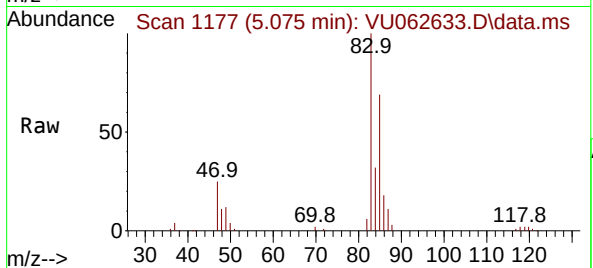
ClientSampleId :

Tgt Ion: 83 Resp: 76086

Ion Ratio Lower Upper

83 100

85 68.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.130 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU062633.D

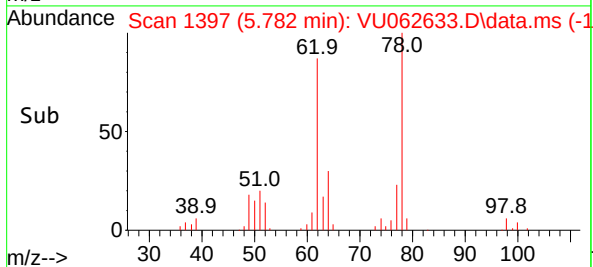
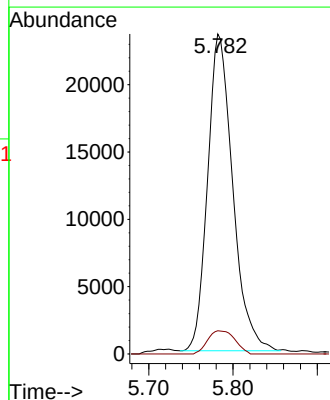
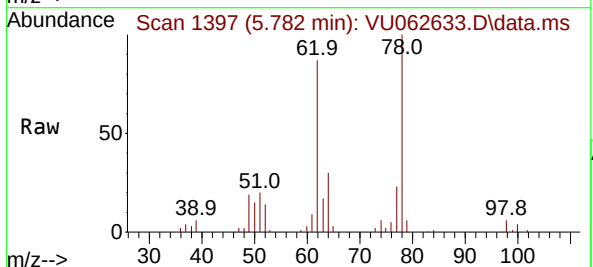
Acq: 30 Dec 2024 09:04

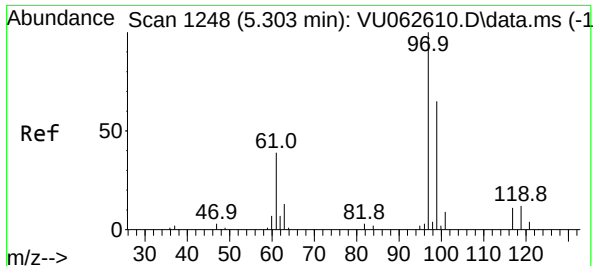
Tgt Ion: 62 Resp: 48685

Ion Ratio Lower Upper

62 100

98 7.2 7.4 11.0#

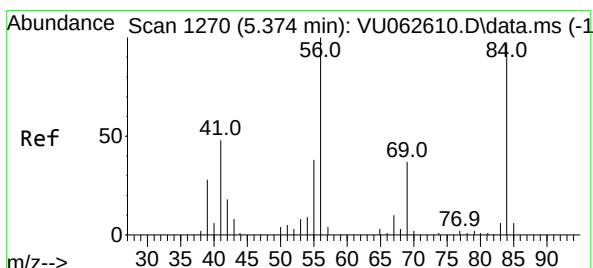
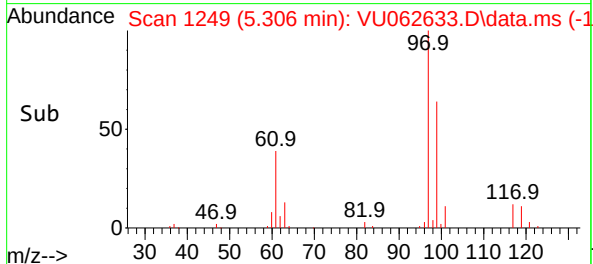
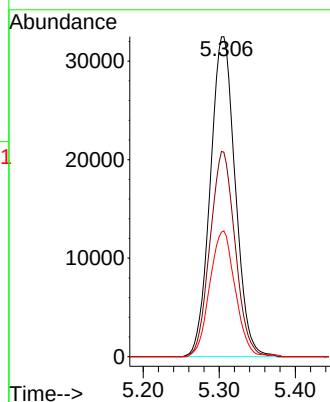
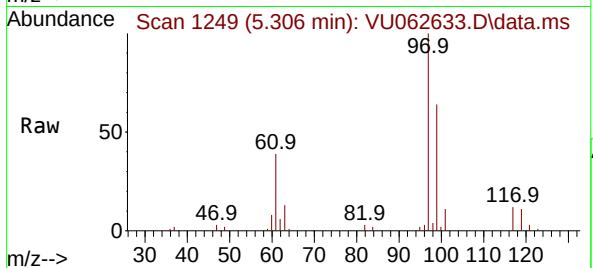




#29
1,1,1-Trichloroethane
Concen: 5.559 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

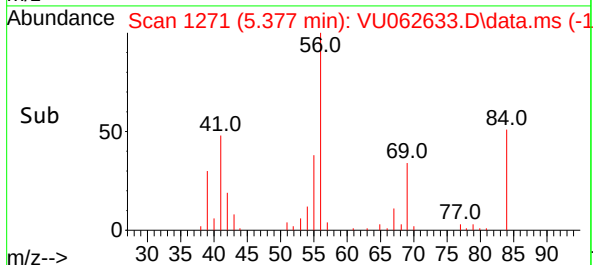
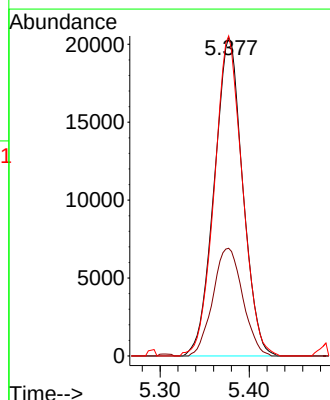
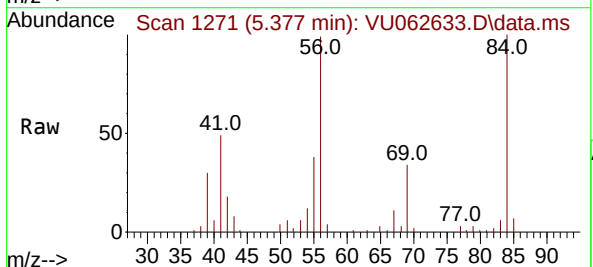
Instrument :
MSVOA_U
ClientSampleId :

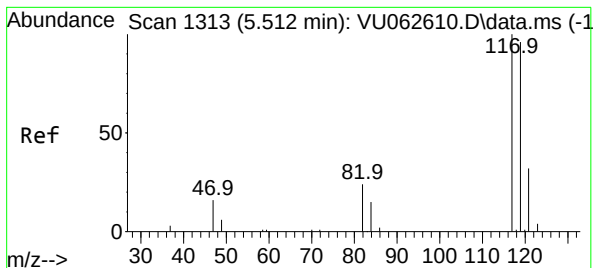
Tgt Ion: 97 Resp: 74021
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 40.0 37.8 56.6



#30
Cyclohexane
Concen: 4.192 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion: 56 Resp: 45260
Ion Ratio Lower Upper
56 100
69 35.5 25.1 37.7
84 99.1 70.6 105.8





#31

Carbon tetrachloride

Concen: 5.545 ug/L

RT: 5.515 min Scan# 117

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

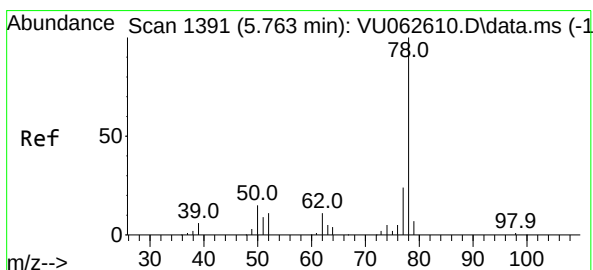
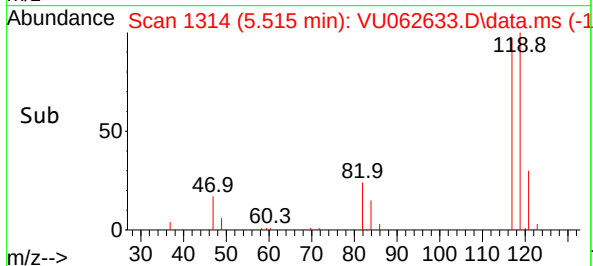
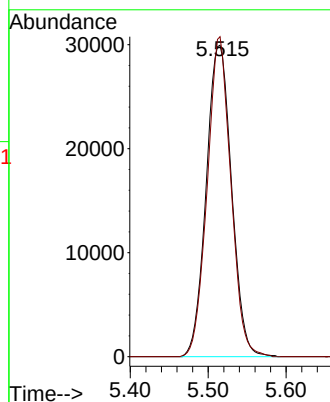
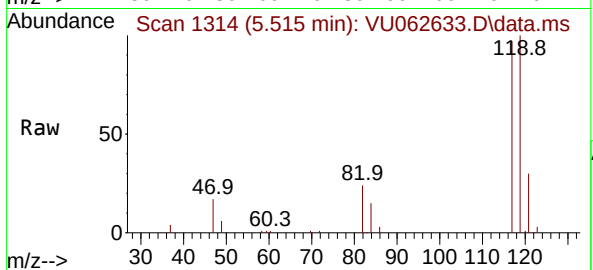
ClientSampleId :

Tgt Ion:117 Resp: 67699

Ion Ratio Lower Upper

117 100

119 95.6 77.5 116.3



#33

Benzene

Concen: 4.684 ug/L

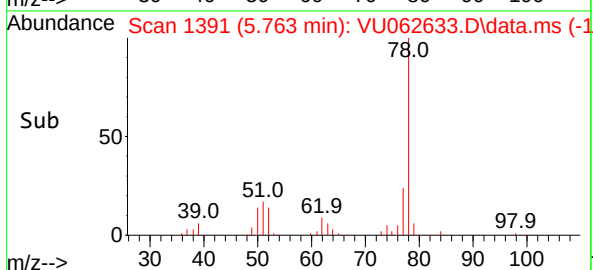
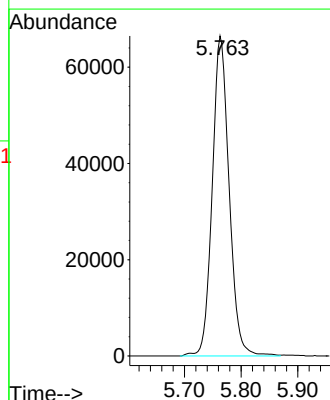
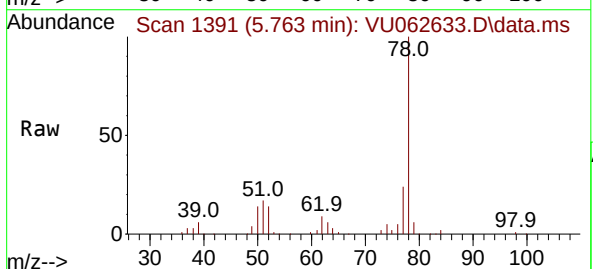
RT: 5.763 min Scan# 1391

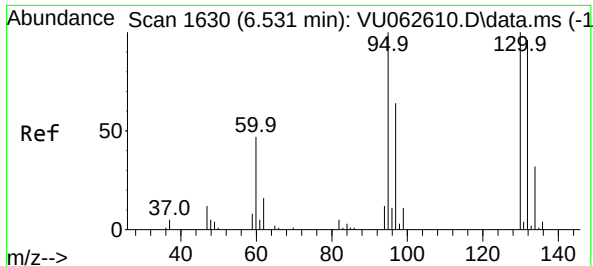
Delta R.T. -0.000 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Tgt Ion: 78 Resp: 137413





#34

Trichloroethene

Concen: 5.701 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 47367

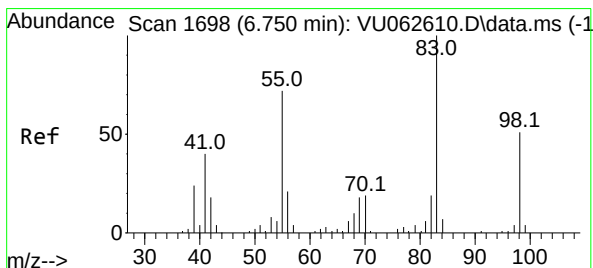
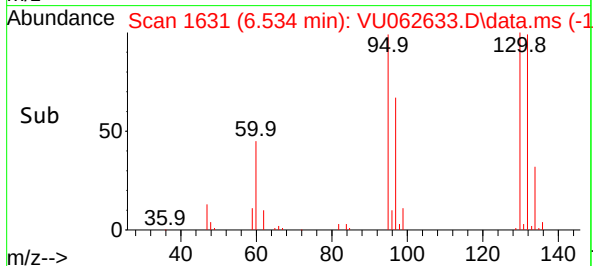
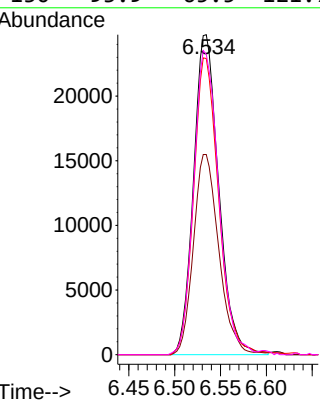
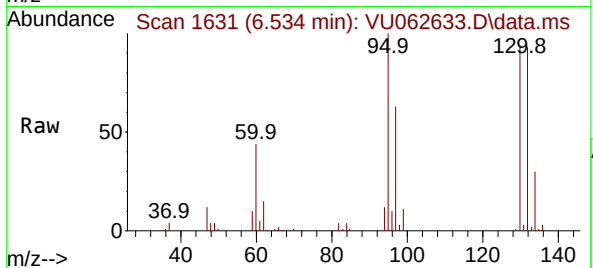
Ion Ratio Lower Upper

95 100

97 62.6 45.9 85.3

132 92.6 63.8 118.4

130 93.9 65.5 121.7



#35

Methylcyclohexane

Concen: 4.377 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

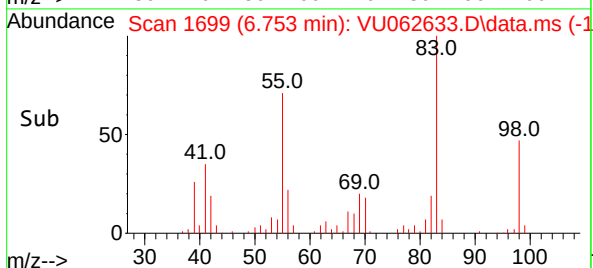
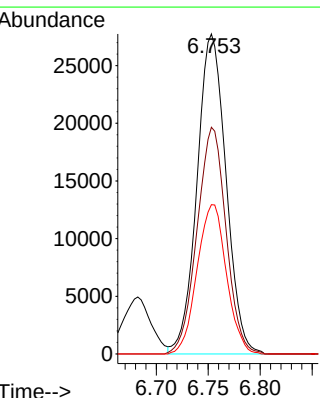
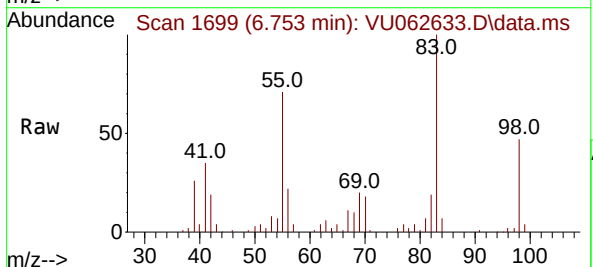
Tgt Ion: 83 Resp: 53919

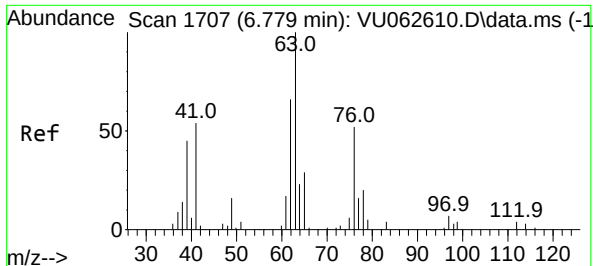
Ion Ratio Lower Upper

83 100

55 70.7 60.7 91.1

98 47.1 34.8 52.2

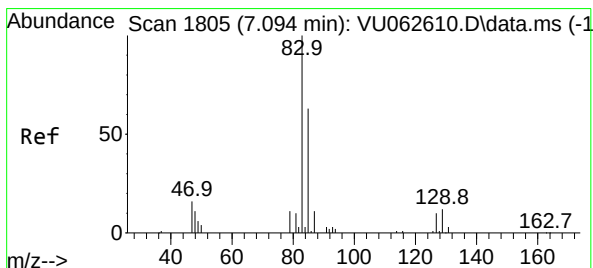
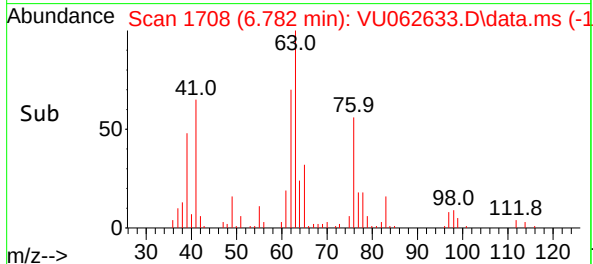
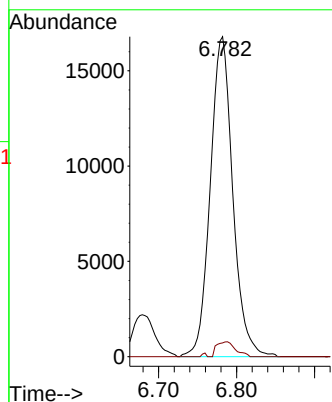
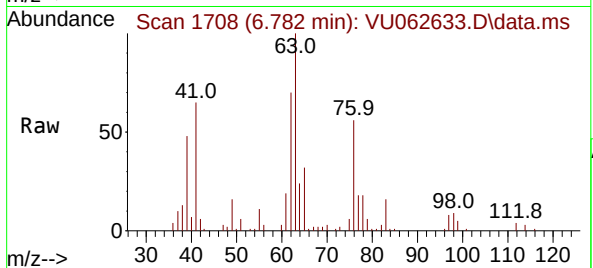




#37
1,2-Dichloropropane
Concen: 4.722 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

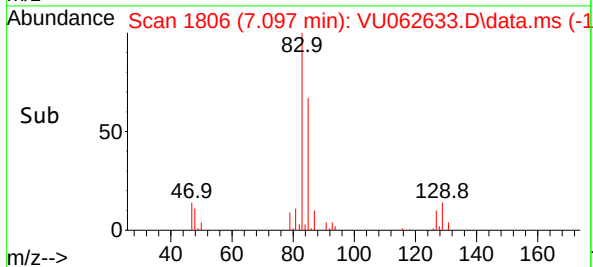
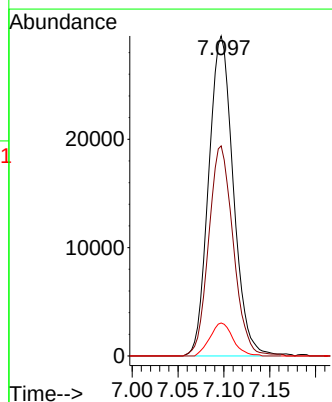
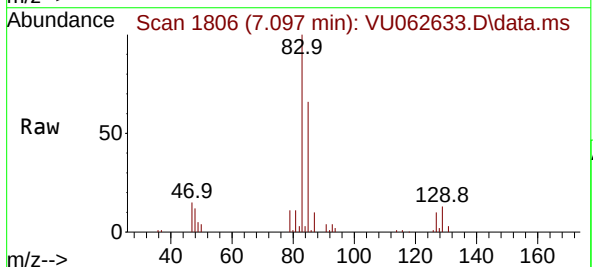
Instrument :
MSVOA_U
ClientSampleId :

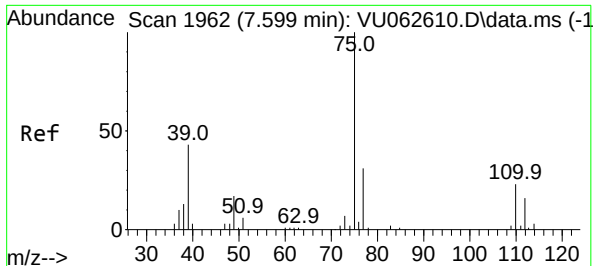
Tgt Ion: 63 Resp: 33728
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 5.472 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion: 83 Resp: 55148
Ion Ratio Lower Upper
83 100
85 65.6 44.1 81.9
127 10.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.103 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

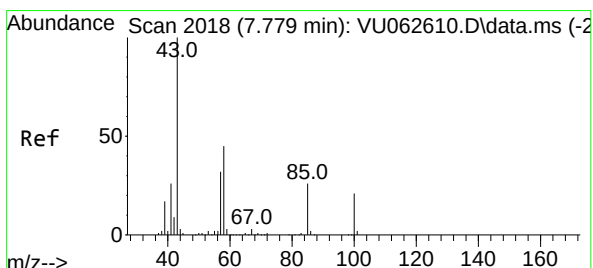
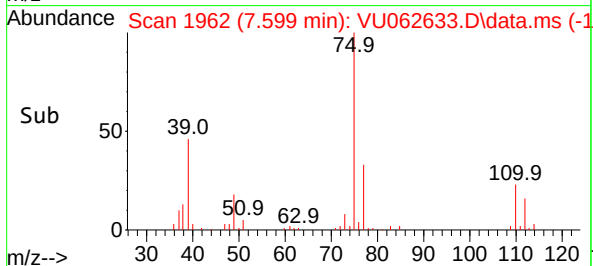
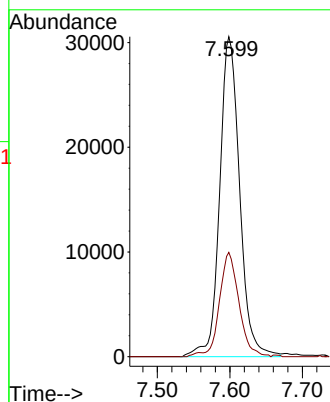
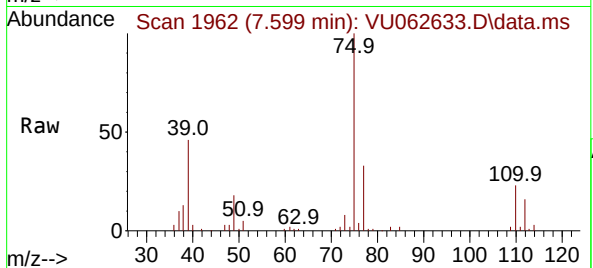
ClientSampleId :

Tgt Ion: 75 Resp: 58431

Ion Ratio Lower Upper

75 100

77 32.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 50.583 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

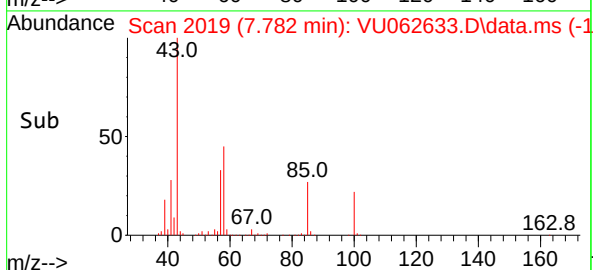
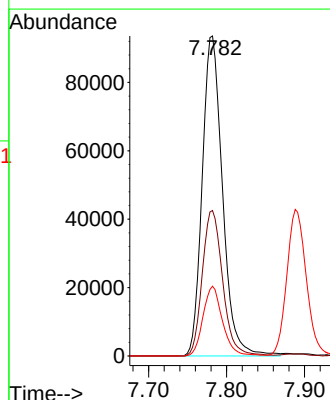
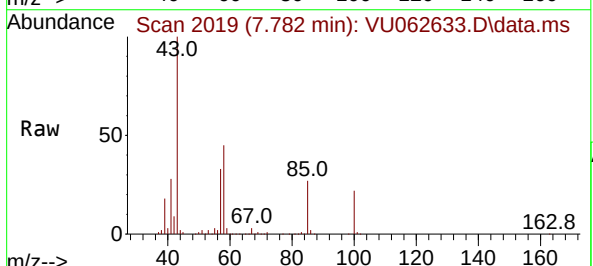
Tgt Ion: 43 Resp: 169347

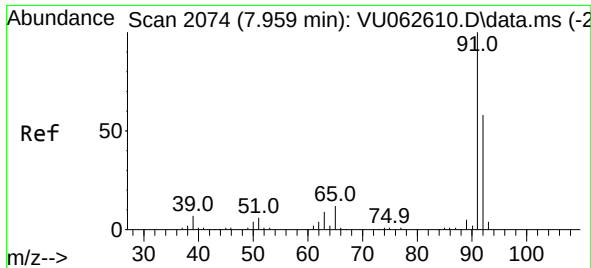
Ion Ratio Lower Upper

43 100

58 45.7 33.3 49.9

100 20.9 12.4 18.6#





#42

Toluene

Concen: 4.924 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

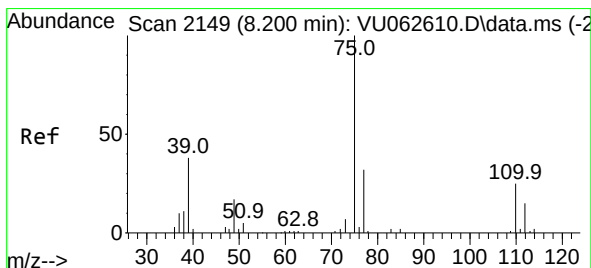
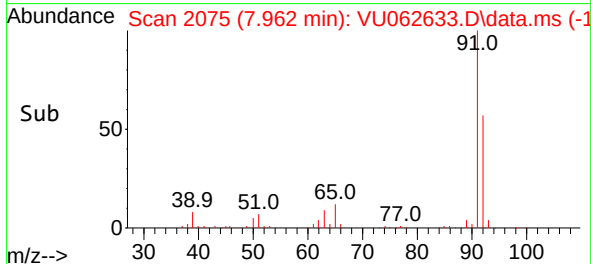
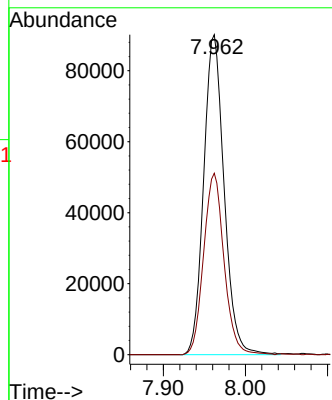
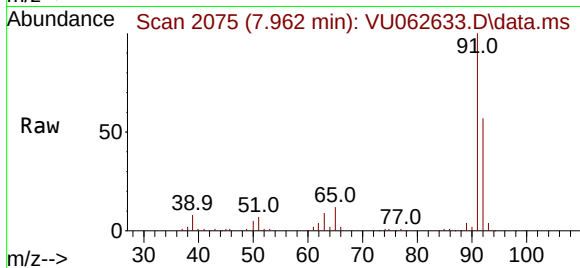
ClientSampleId :

Tgt Ion: 91 Resp: 155764

Ion Ratio Lower Upper

91 100

92 56.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.695 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU062633.D

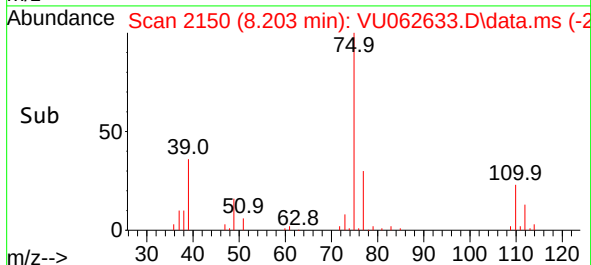
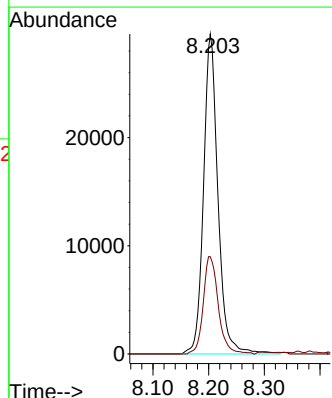
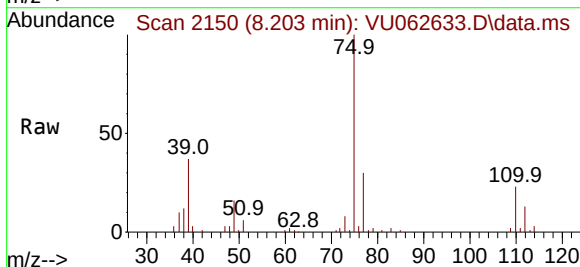
Acq: 30 Dec 2024 09:04

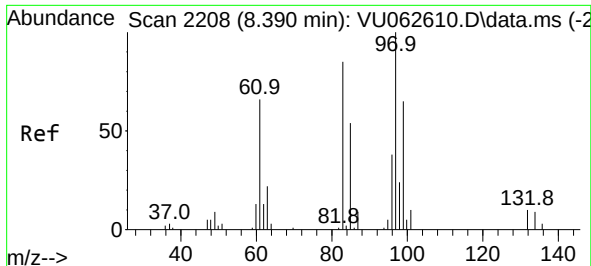
Tgt Ion: 75 Resp: 53249

Ion Ratio Lower Upper

75 100

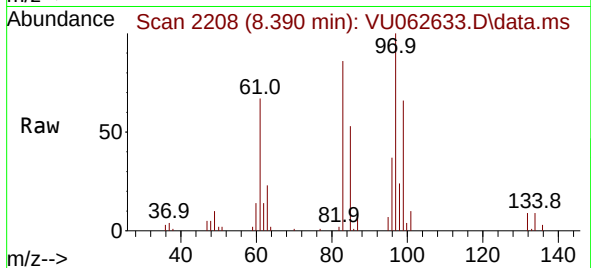
77 30.4 21.8 40.4



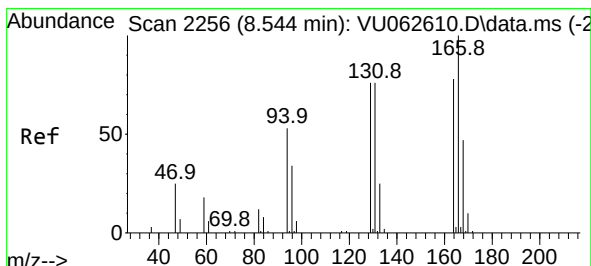
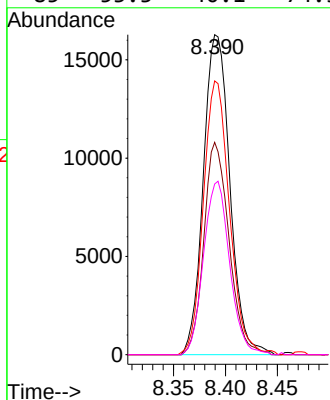
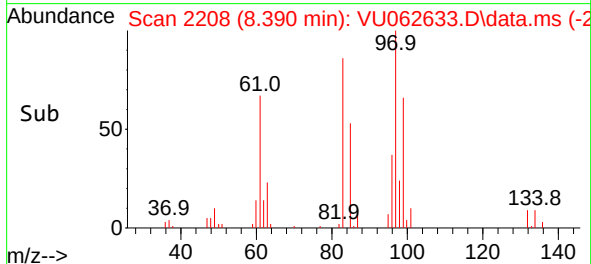


#45
1,1,2-Trichloroethane
Concen: 5.369 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

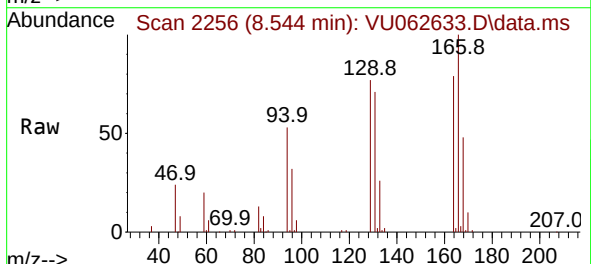
Instrument :
MSVOA_U
ClientSampleId :



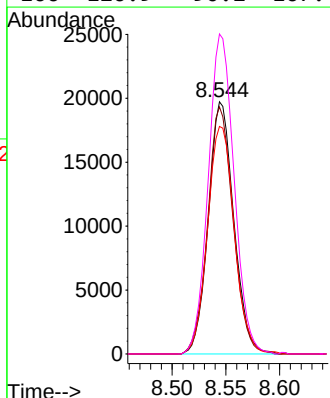
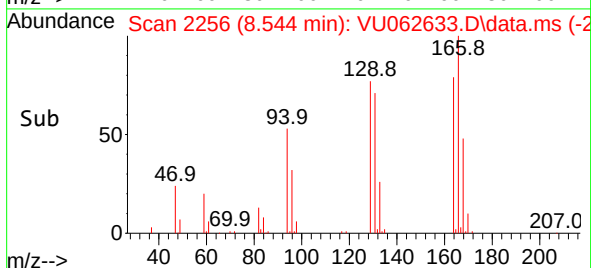
Tgt Ion:	97	Resp:	28952
Ion	Ratio	Lower	Upper
97	100		
99	66.4	43.0	79.8
83	85.5	61.7	114.5
85	53.3	40.1	74.5

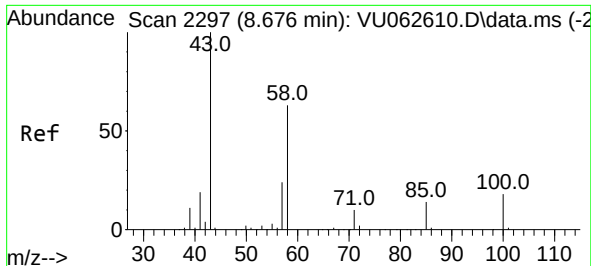


#47
Tetrachloroethene
Concen: 5.048 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04



Tgt Ion:	164	Resp:	32387
Ion	Ratio	Lower	Upper
164	100		
129	98.0	73.2	136.0
131	90.2	72.3	134.3
166	126.9	90.2	167.4

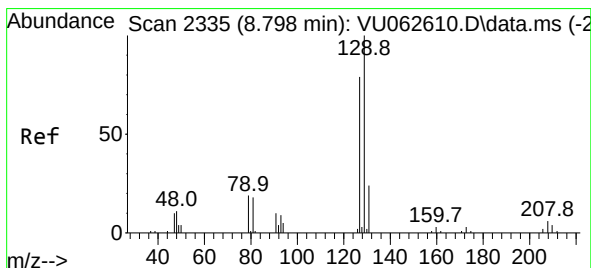
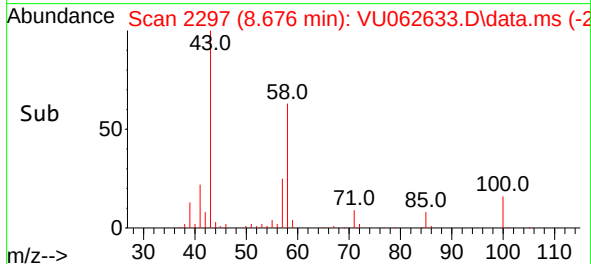
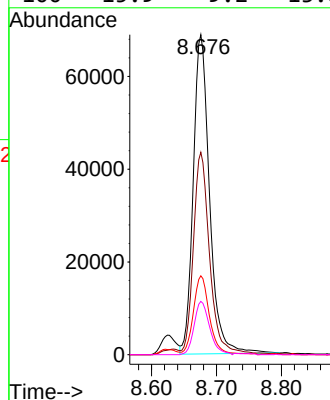
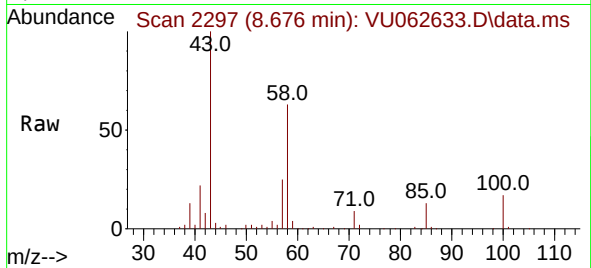




#48
2-Hexanone
Concen: 48.718 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

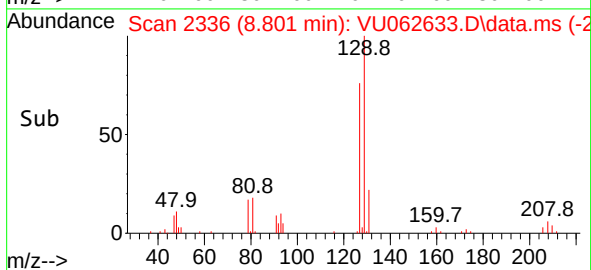
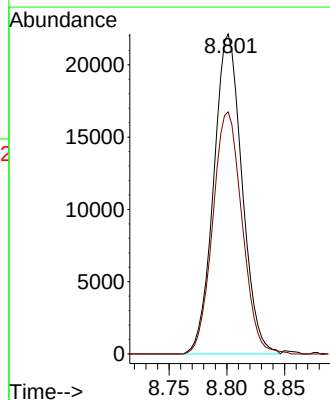
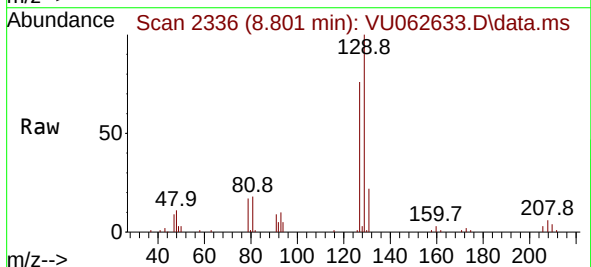
Instrument :
MSVOA_U
ClientSampleId :

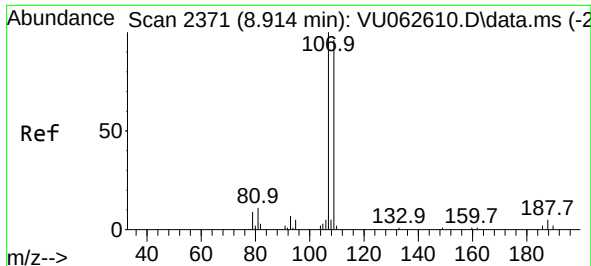
Tgt Ion:	43	Resp:	120539
Ion	Ratio	Lower	Upper
43	100		
58	61.6	47.5	71.3
57	23.8	15.6	23.4#
100	15.9	9.2	13.8#



#49
Dibromochloromethane
Concen: 5.787 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

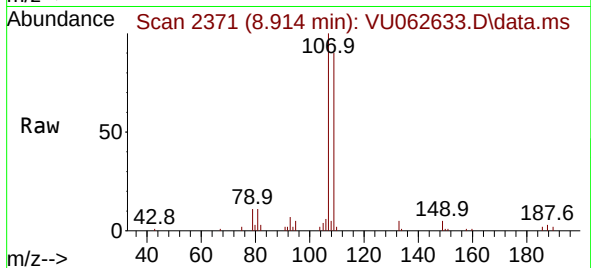
Tgt Ion:	129	Resp:	37705
Ion	Ratio	Lower	Upper
129	100		
127	75.6	51.1	94.9





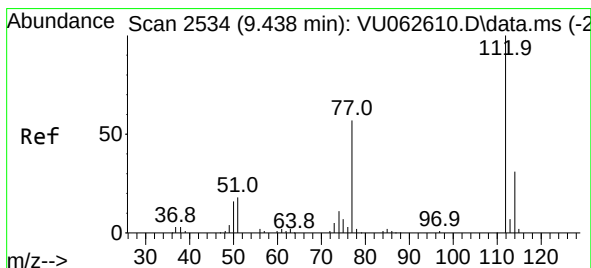
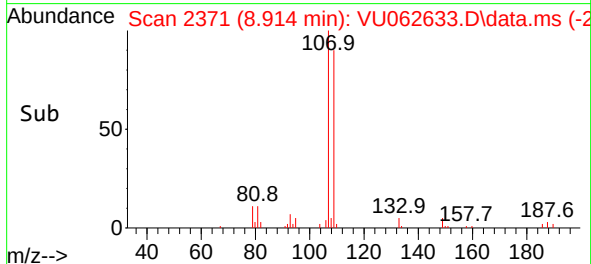
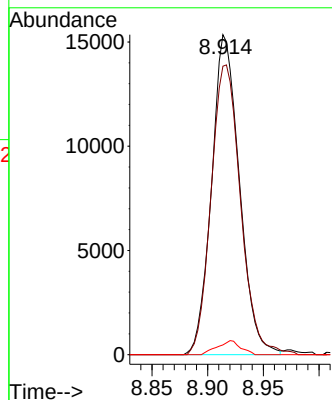
#50
 1,2-Dibromoethane
 Concen: 5.148 ug/L
 RT: 8.914 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU062633.D
 Acq: 30 Dec 2024 09:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:107 Resp: 26675

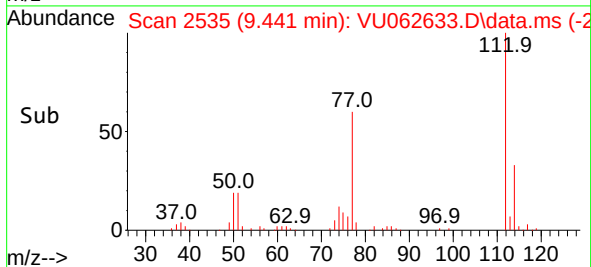
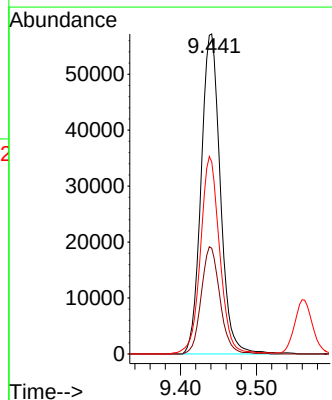
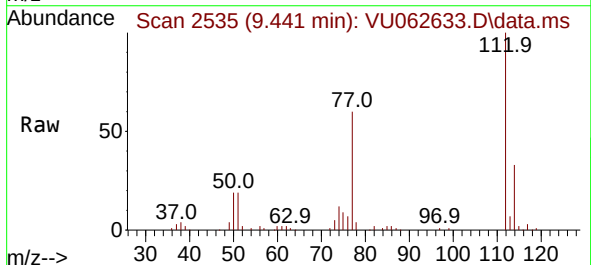
Ion	Ratio	Lower	Upper
107	100		
109	90.2	66.8	124.2
188	3.0	2.3	3.5

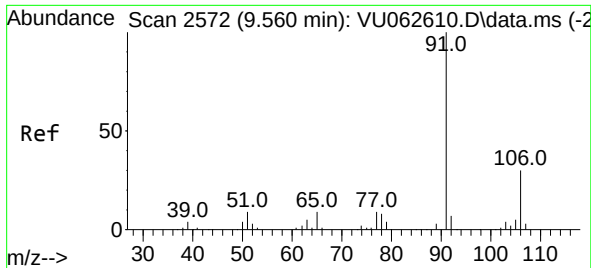


#51
 Chlorobenzene
 Concen: 4.957 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. 0.003 min
 Lab File: VU062633.D
 Acq: 30 Dec 2024 09:04

Tgt Ion:112 Resp: 100458

Ion	Ratio	Lower	Upper
112	100		
114	33.1	23.0	42.6
77	60.1	50.5	75.7

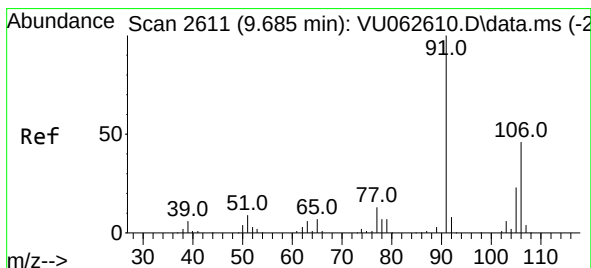
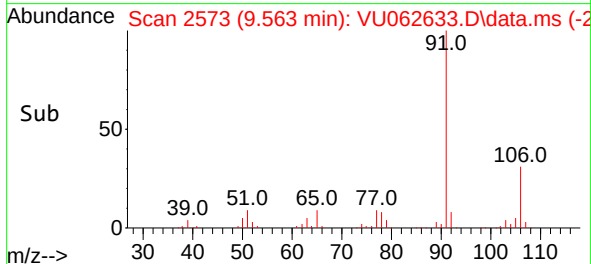
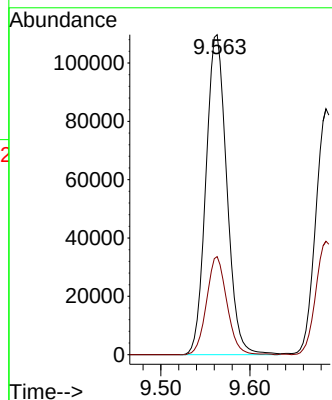
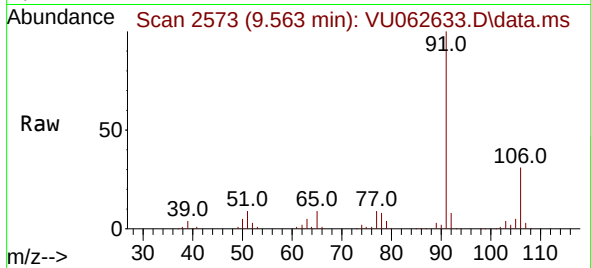




#52
Ethylbenzene
Concen: 5.029 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

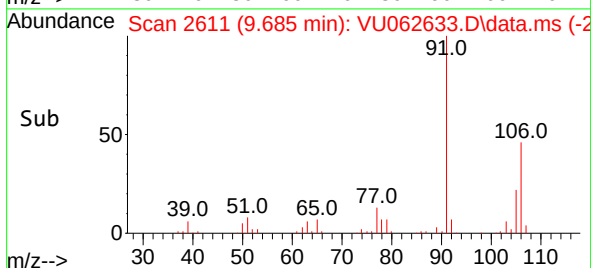
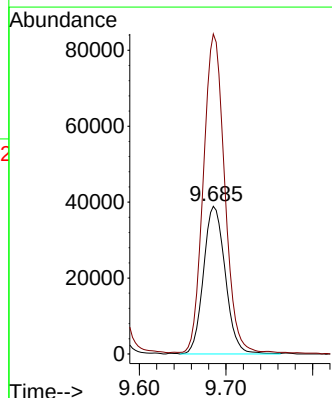
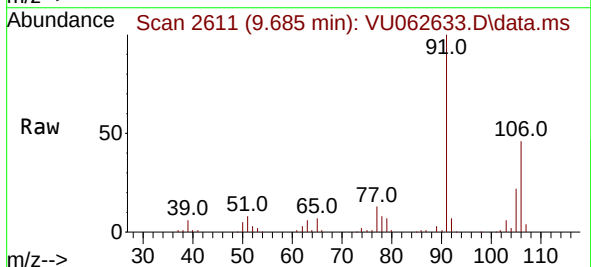
Instrument :
MSVOA_U
ClientSampleId :

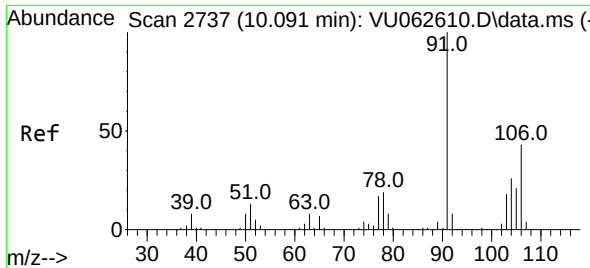
Tgt Ion: 91 Resp: 178346
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0



#53
m,p-Xylene
Concen: 5.187 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion: 106 Resp: 67921
Ion Ratio Lower Upper
106 100
91 216.6 147.6 274.0

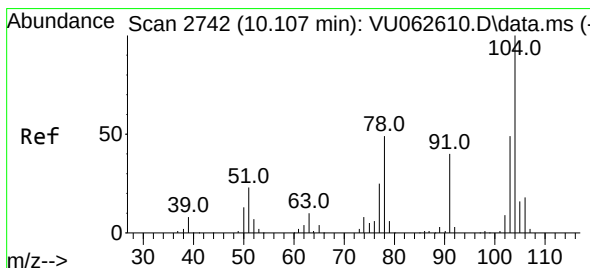
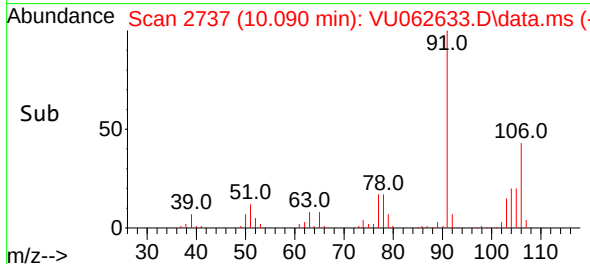
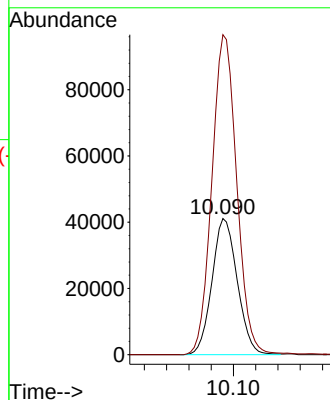
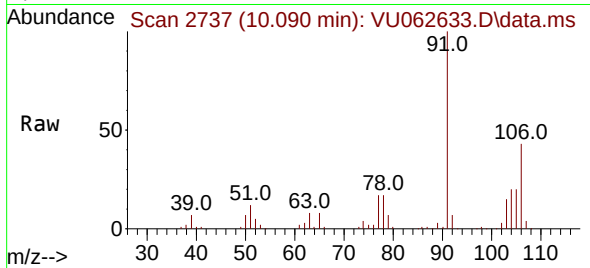




#54
o-Xylene
Concen: 5.078 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

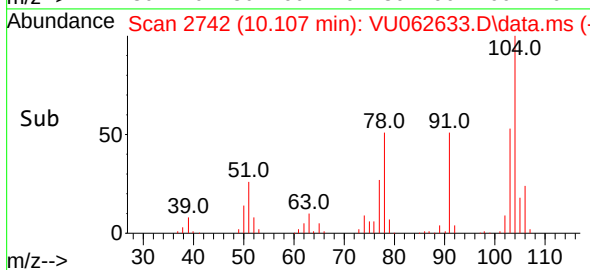
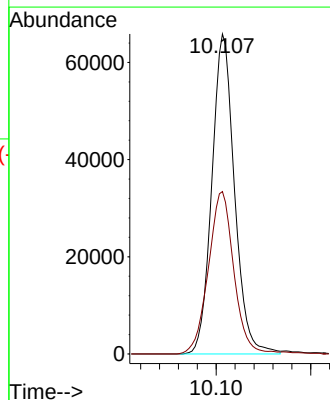
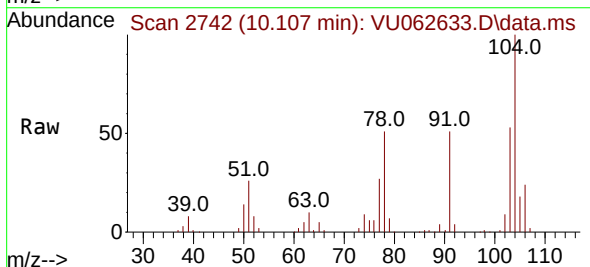
Instrument :
MSVOA_U
ClientSampleId :

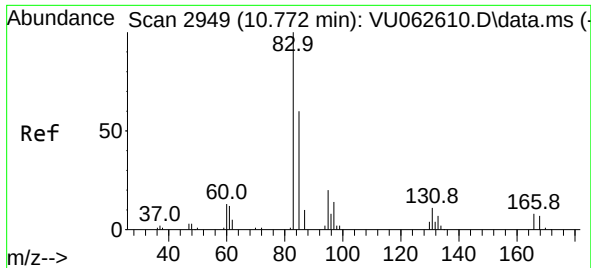
Tgt Ion:106 Resp: 64666
Ion Ratio Lower Upper
106 100
91 235.1 159.8 296.8



#55
Styrene
Concen: 5.220 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion:104 Resp: 109572
Ion Ratio Lower Upper
104 100
78 50.7 33.2 61.7

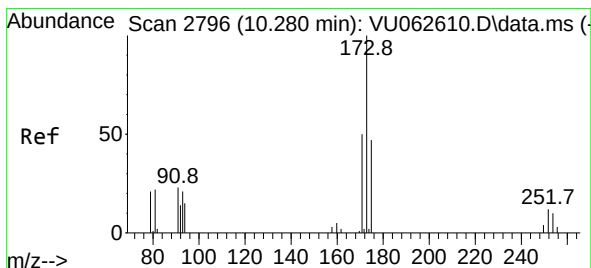
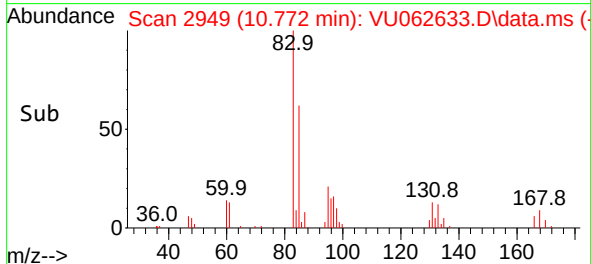
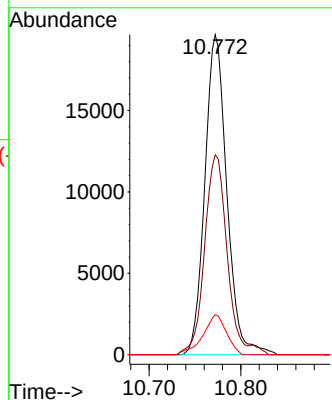
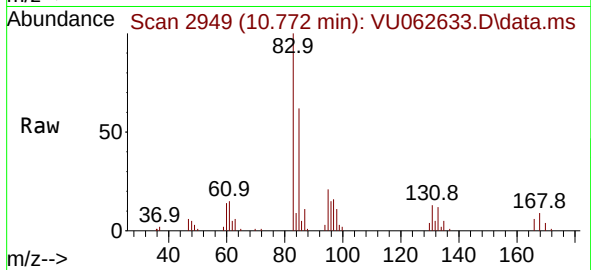




#57
1,1,2,2-Tetrachloroethane
Concen: 5.223 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

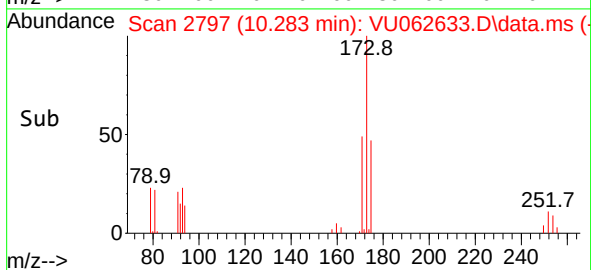
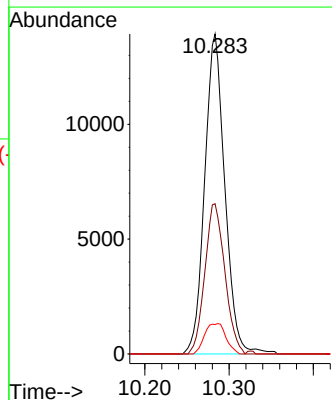
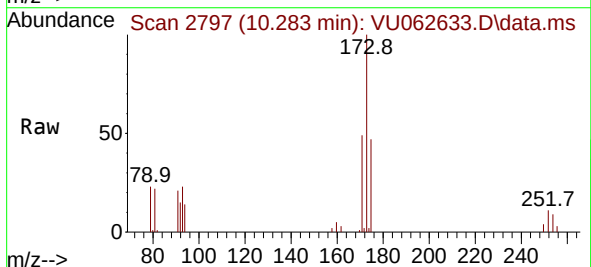
Instrument :
MSVOA_U
ClientSampleId :

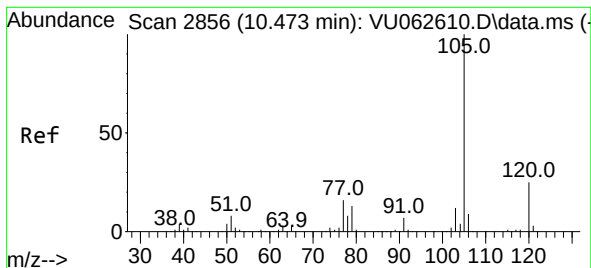
Tgt Ion: 83 Resp: 32779
Ion Ratio Lower Upper
83 100
85 62.4 44.4 82.4
131 12.5 7.3 10.9#



#59
Bromoform
Concen: 5.947 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion:173 Resp: 23216
Ion Ratio Lower Upper
173 100
175 46.5 39.0 58.4
254 10.0 7.4 11.0





#60

Isopropylbenzene

Concen: 5.127 ug/L

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

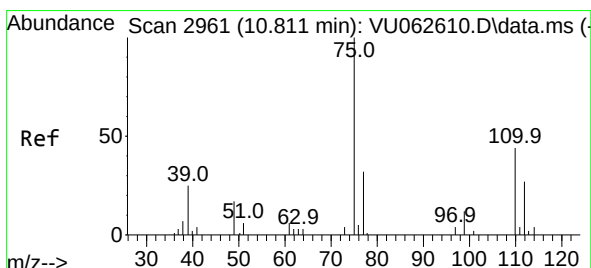
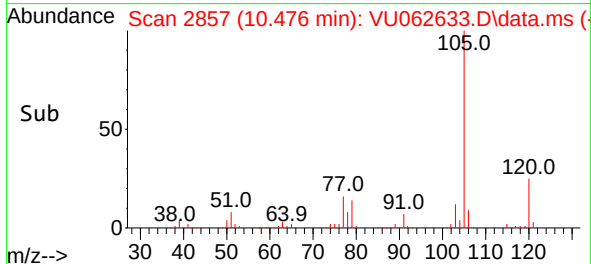
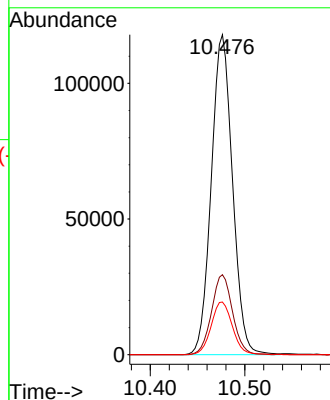
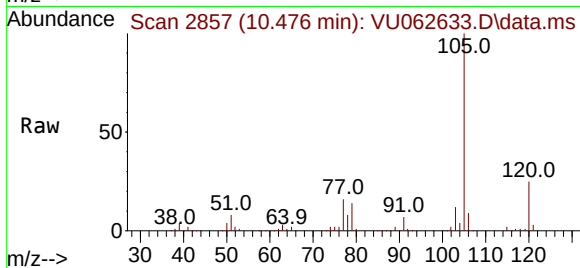
Tgt Ion:105 Resp: 183986

Ion Ratio Lower Upper

105 100

120 24.7 20.6 31.0

77 16.5 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.276 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

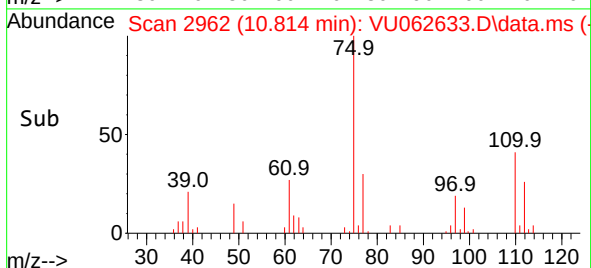
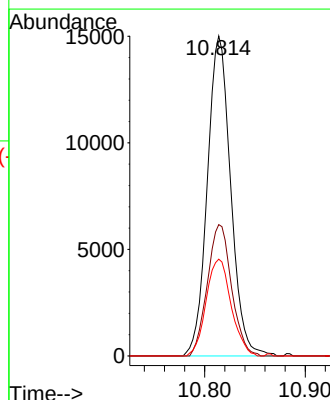
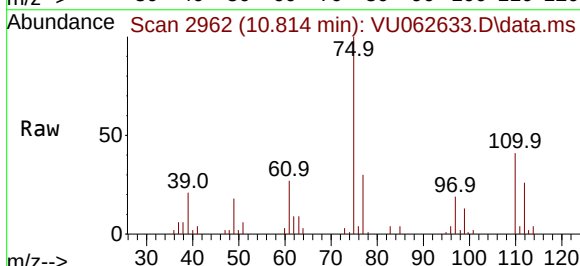
Tgt Ion: 75 Resp: 24235

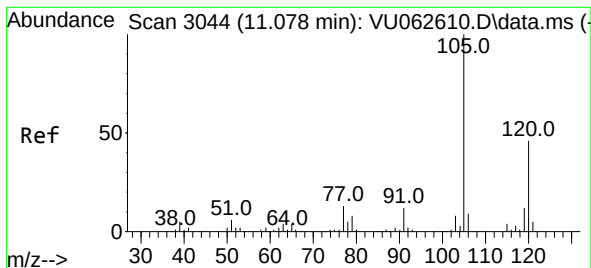
Ion Ratio Lower Upper

75 100

110 42.4 28.9 43.3

77 32.4 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.221 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

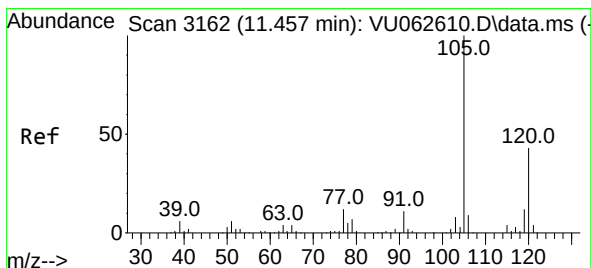
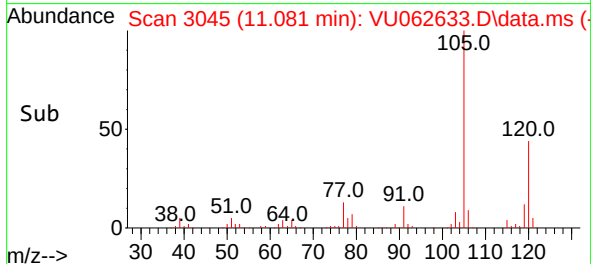
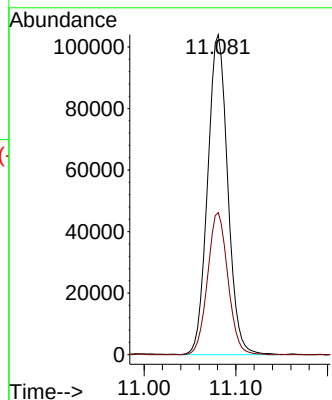
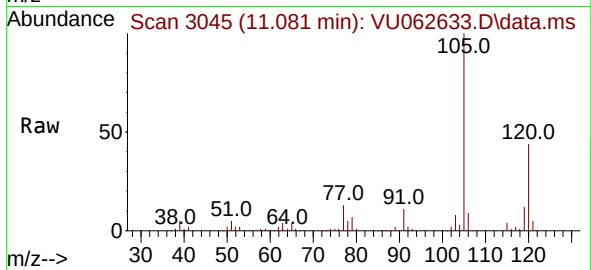
ClientSampleId :

Tgt Ion:105 Resp: 158550

Ion Ratio Lower Upper

105 100

120 45.0 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.199 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU062633.D

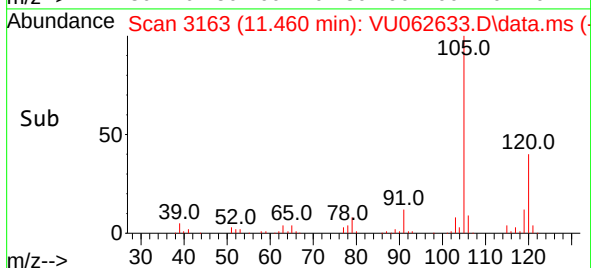
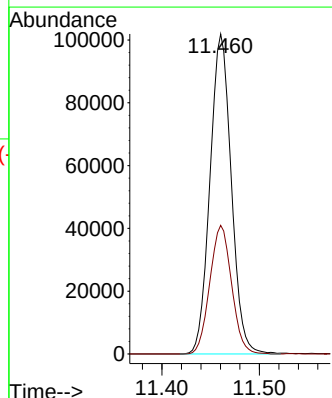
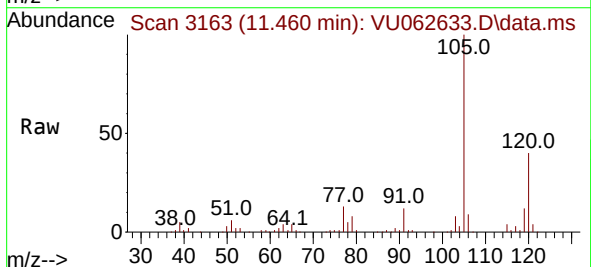
Acq: 30 Dec 2024 09:04

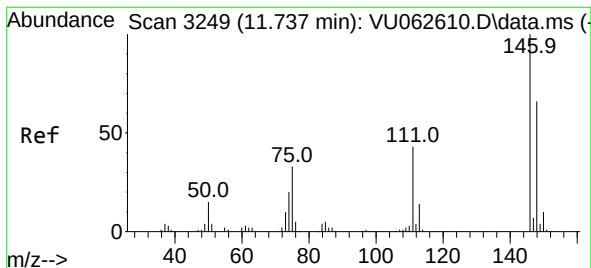
Tgt Ion:105 Resp: 154690

Ion Ratio Lower Upper

105 100

120 41.0 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.170 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

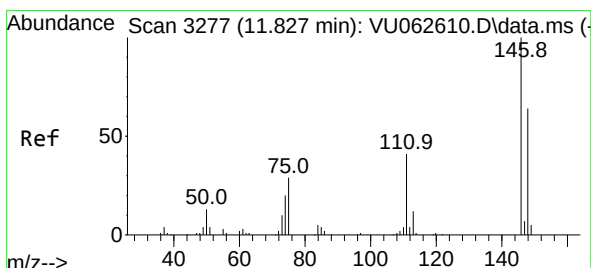
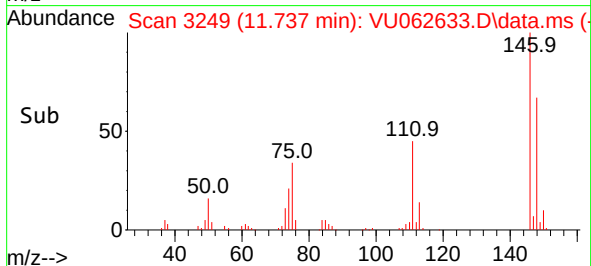
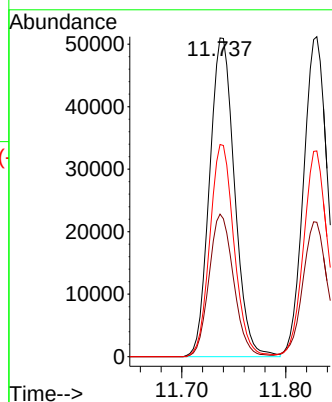
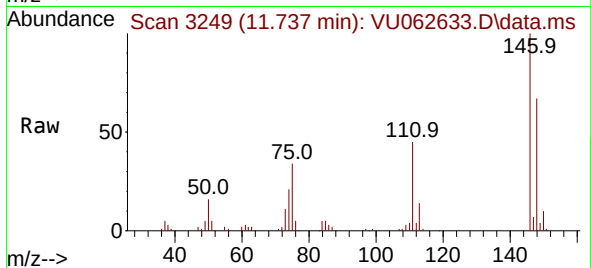
Tgt Ion:146 Resp: 85216

Ion Ratio Lower Upper

146 100

111 44.7 30.7 57.1

148 66.6 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.048 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU062633.D

Acq: 30 Dec 2024 09:04

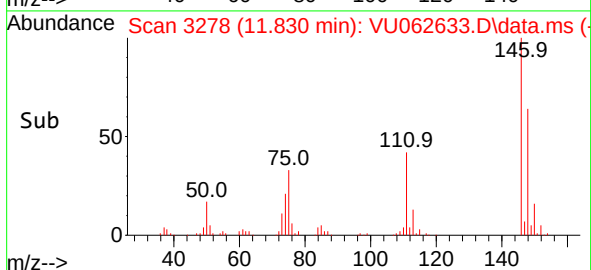
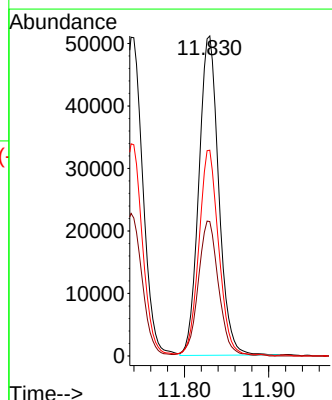
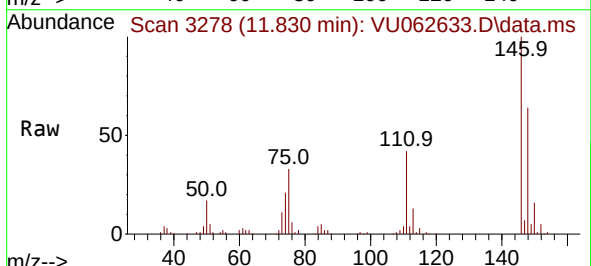
Tgt Ion:146 Resp: 83794

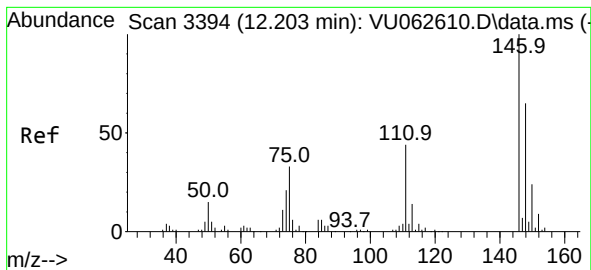
Ion Ratio Lower Upper

146 100

111 42.0 29.3 54.3

148 64.3 44.6 82.8

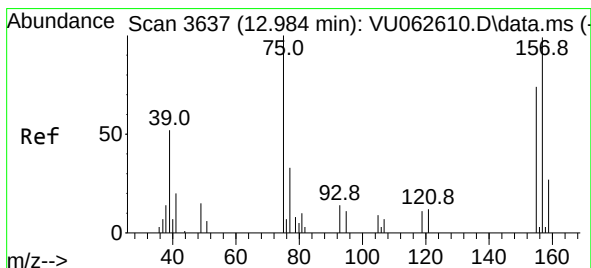
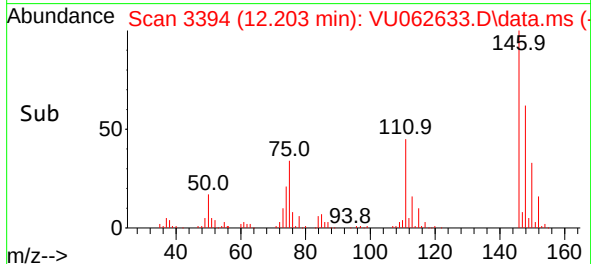
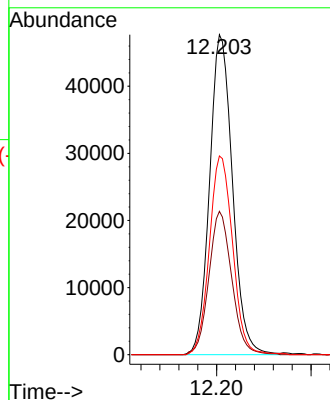
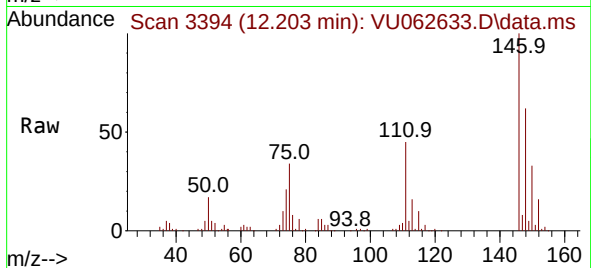




#67
1,2-Dichlorobenzene
Concen: 5.255 ug/L
RT: 12.203 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

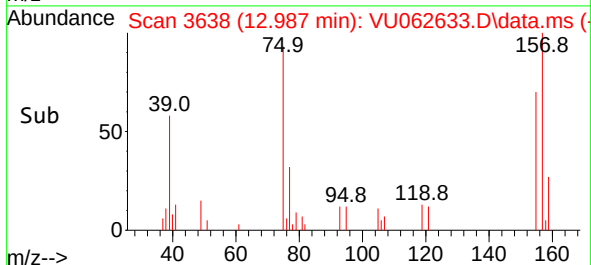
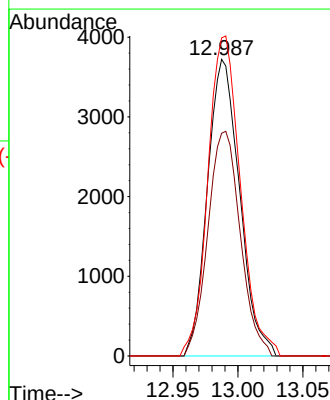
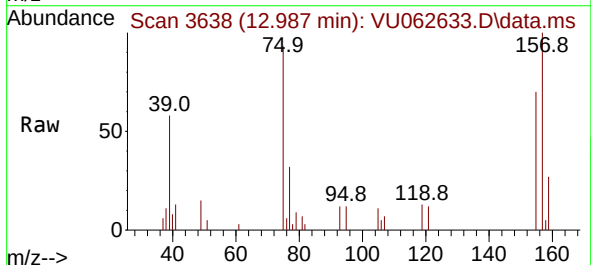
Instrument :
MSVOA_U
ClientSampleId :

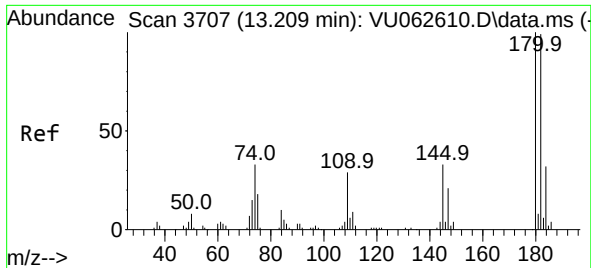
Tgt Ion:146 Resp: 80049
Ion Ratio Lower Upper
146 100
111 44.8 36.0 54.0
148 62.1 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 6.402 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

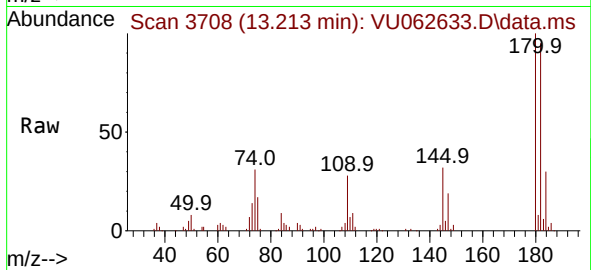
Tgt Ion: 75 Resp: 6414
Ion Ratio Lower Upper
75 100
155 75.1 55.2 82.8
157 107.2 73.5 110.3



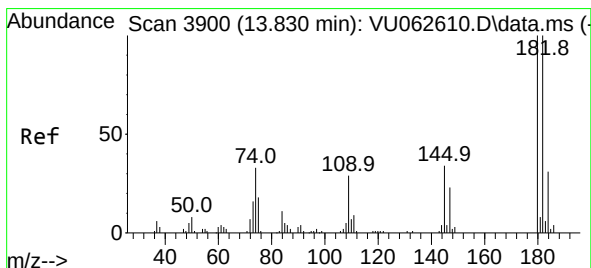
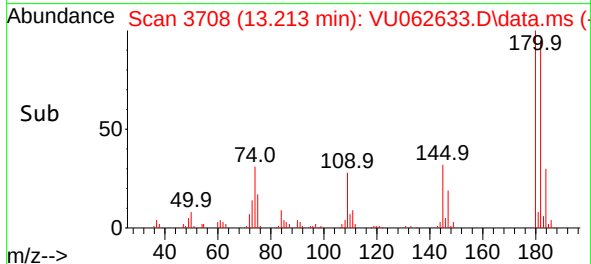
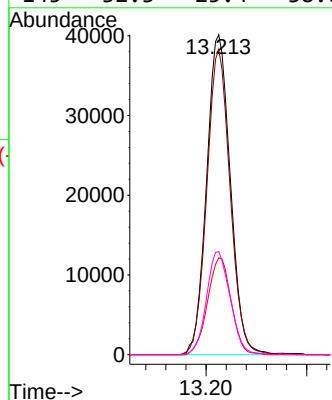


#69
1,3,5-Trichlorobenzene
Concen: 5.342 ug/L
RT: 13.213 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Instrument :
MSVOA_U
ClientSampleId :

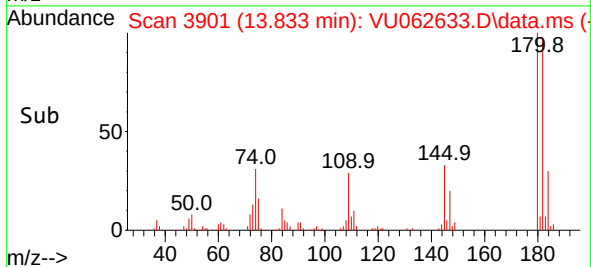
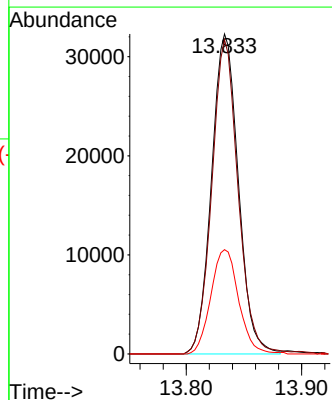
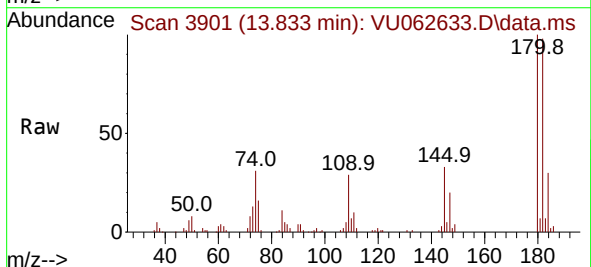


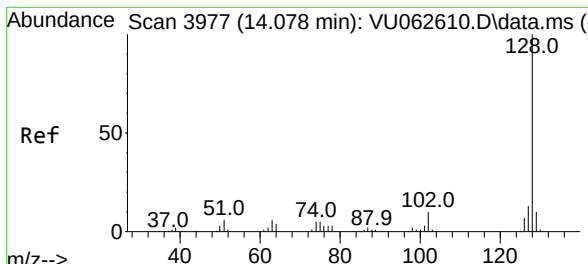
Tgt Ion:180 Resp: 65447
Ion Ratio Lower Upper
180 100
182 94.1 76.7 115.1
184 30.2 24.8 37.2
145 32.3 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 5.381 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion:180 Resp: 52051
Ion Ratio Lower Upper
180 100
182 96.2 74.5 111.7
145 33.9 25.6 38.4

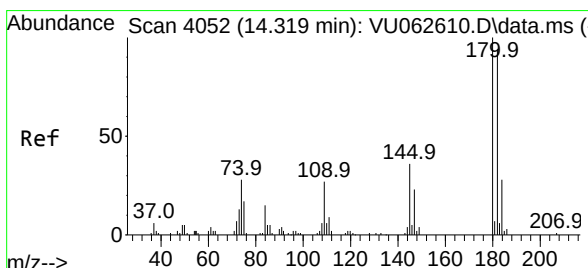
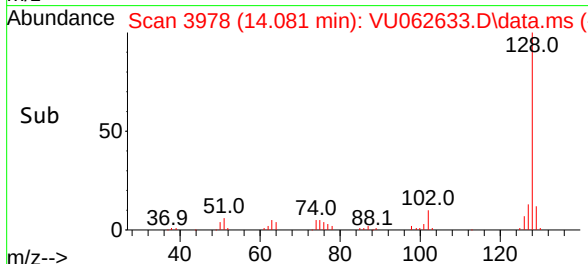
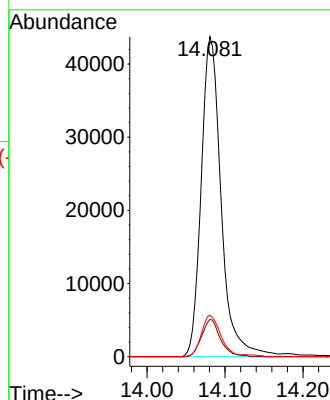
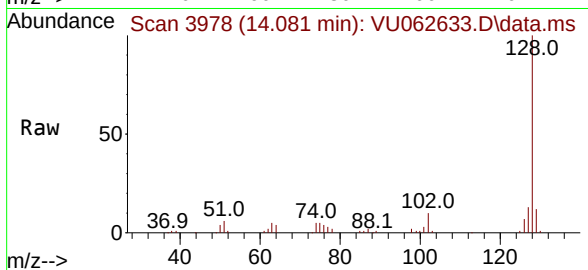




#71
Naphthalene
Concen: 5.352 ug/L
RT: 14.081 min Scan# 3977
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	77739
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.5 12.7
127	12.4	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.525 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU062633.D
Acq: 30 Dec 2024 09:04

Tgt Ion:180	Resp:	47138
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.1 114.1
145	34.9	27.4 41.0

