

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062537.D
 Acq On : 20 Dec 2024 20:21
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 22:38:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 22:32:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90235	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24840	4.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.907	69	19214	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	12569	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.627	46	50991	43.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.420%
24) Chloroform-d	5.052	84	65903	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.692	65	34593	5.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.717	84	106810	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.679	67	29936	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.888	98	105205	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	14093	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.624	63	39791	42.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25854	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	40914	4.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	38713	4.580	ug/L	99
3) Chloromethane	1.515	50	27118	4.093	ug/L	98
5) Vinyl chloride	1.599	62	32847	4.762	ug/L	99
6) Bromomethane	1.853	94	22483	4.890	ug/L	90
8) Chloroethane	1.927	64	17831	4.615	ug/L	98
9) Trichlorofluoromethane	2.129	101	66955	5.592	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31576	4.845	ug/L #	88
12) 1,1-Dichloroethene	2.570	96	28468	4.673	ug/L #	82
13) Acetone	2.640	43	41586	52.361	ug/L	100
14) Carbon disulfide	2.785	76	77260	4.010	ug/L	99
15) Methyl Acetate	2.952	43	9363	4.704	ug/L	95
16) Methylene chloride	3.036	84	32551	5.090	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	78478	5.171	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	30265	4.835	ug/L	85
19) 1,1-Dichloroethane	3.856	63	56083	4.888	ug/L	98
21) 2-Butanone	4.701	43	57161	49.559	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	34495	4.916	ug/L	98
23) Bromochloromethane	4.965	128	16638	5.410	ug/L #	74
25) Chloroform	5.074	83	70266	5.437	ug/L	99

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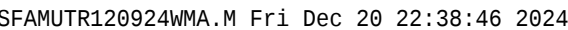
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 ClientSampleId :

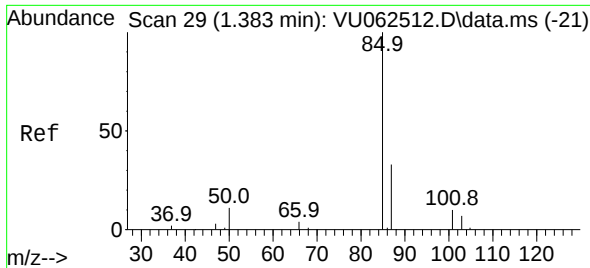
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	45528	5.543	ug/L	95
29) 1,1,1-Trichloroethane	5.303	97	65619	5.400	ug/L	95
30) Cyclohexane	5.377	56	39710	4.030	ug/L	87
31) Carbon tetrachloride	5.512	117	61110	5.485	ug/L	98
33) Benzene	5.762	78	124459	4.650	ug/L	100
34) Trichloroethene	6.531	95	37310	4.921	ug/L	98
35) Methylcyclohexane	6.753	83	47341	4.211	ug/L	92
37) 1,2-Dichloropropane	6.779	63	30526	4.683	ug/L #	97
38) Bromodichloromethane	7.097	83	49611	5.394	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	49434	4.731	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	147802	48.379	ug/L #	91
42) Toluene	7.959	91	139348	4.828	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	44416	5.206	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	25711	5.225	ug/L	94
47) Tetrachloroethene	8.544	164	29872	5.102	ug/L	98
48) 2-Hexanone	8.676	43	110697	49.028	ug/L #	92
49) Dibromochloromethane	8.798	129	33263	5.595	ug/L	96
50) 1,2-Dibromoethane	8.913	107	25097	5.307	ug/L #	95
51) Chlorobenzene	9.438	112	91782	4.963	ug/L	98
52) Ethylbenzene	9.563	91	155235	4.797	ug/L	99
53) m,p-Xylene	9.685	106	58683	4.911	ug/L	90
54) o-Xylene	10.090	106	57312	4.932	ug/L	95
55) Styrene	10.106	104	98017	5.117	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.772	83	28850	5.037	ug/L #	93
59) Bromoform	10.280	173	20453	5.501	ug/L #	99
60) Isopropylbenzene	10.476	105	160855	4.706	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	21960	5.020	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	132874	4.594	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	130789	4.615	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	77009	4.905	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	72909	4.612	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	69360	4.781	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	5726	6.000	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	55559	4.761	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	43034	4.671	ug/L	99
71) Naphthalene	14.080	128	57350	4.145	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	36400	4.480	ug/L	100

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

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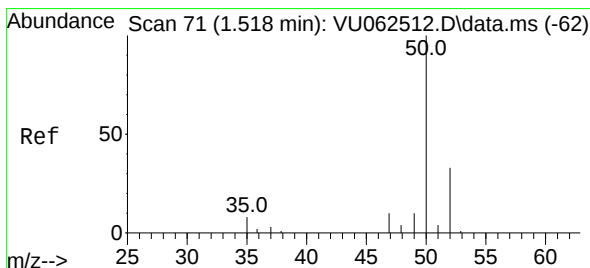
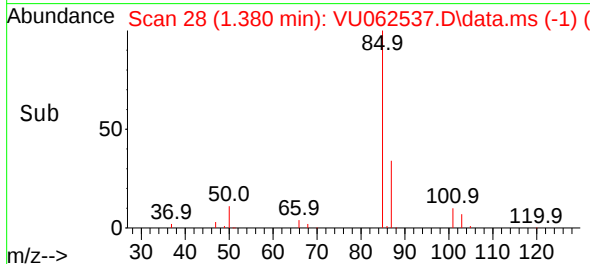
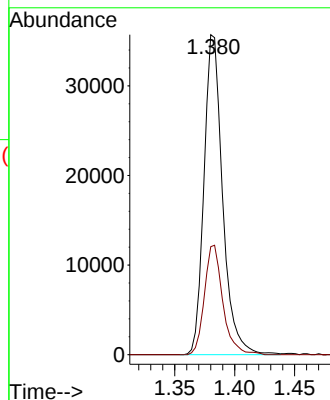
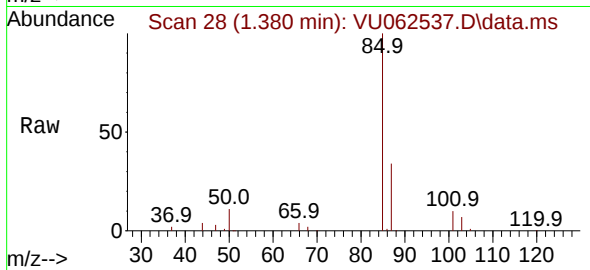




#2
Dichlorodifluoromethane
Concen: 4.580 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

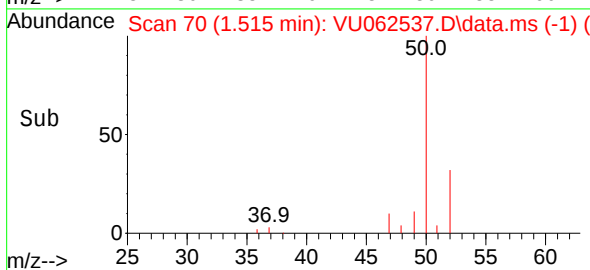
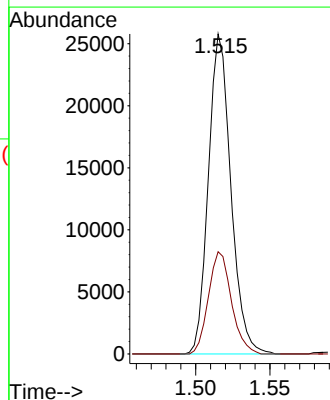
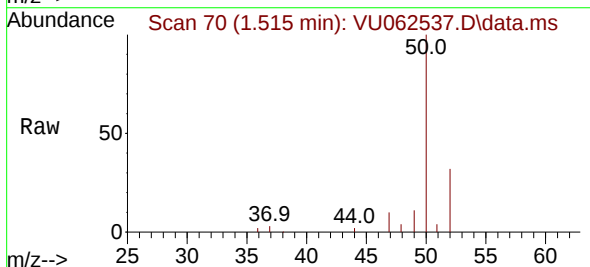
Instrument :
MSVOA_U
ClientSampleId :

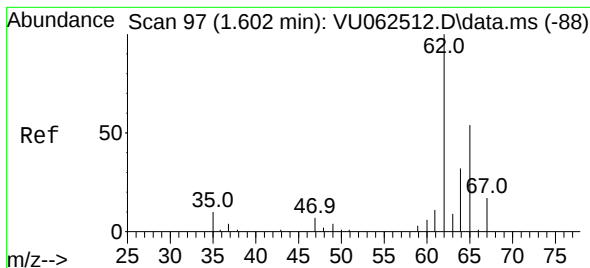
Tgt Ion: 85 Resp: 38713
Ion Ratio Lower Upper
85 100
87 33.8 26.6 40.0



#3
Chloromethane
Concen: 4.093 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion: 50 Resp: 27118
Ion Ratio Lower Upper
50 100
52 31.9 23.1 42.9





#5

Vinyl chloride

Concen: 4.762 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

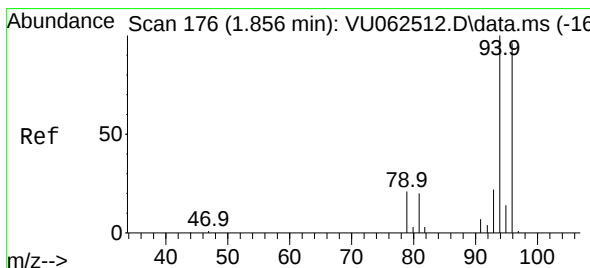
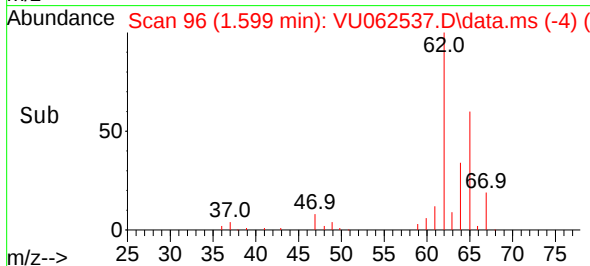
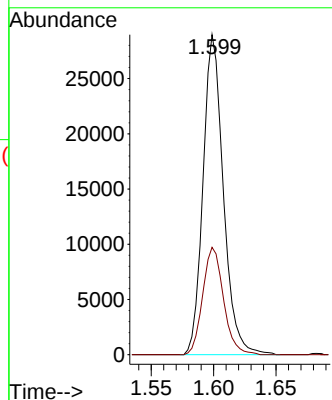
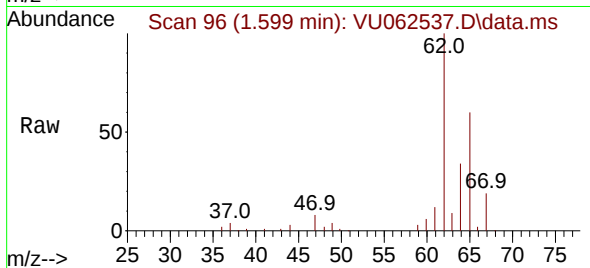
ClientSampleId :

Tgt Ion: 62 Resp: 32847

Ion Ratio Lower Upper

62 100

64 33.5 23.1 42.9



#6

Bromomethane

Concen: 4.890 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU062537.D

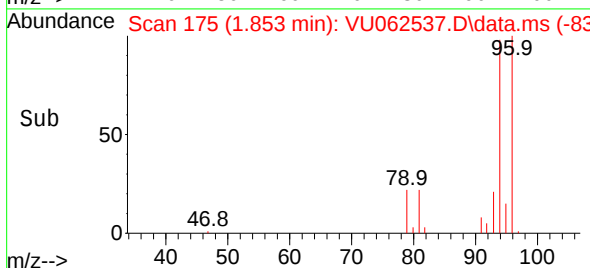
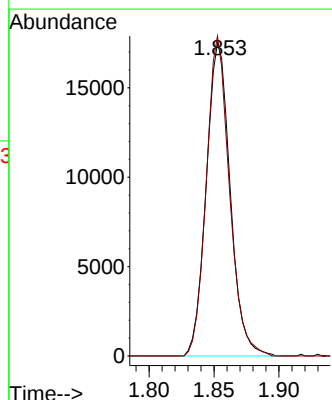
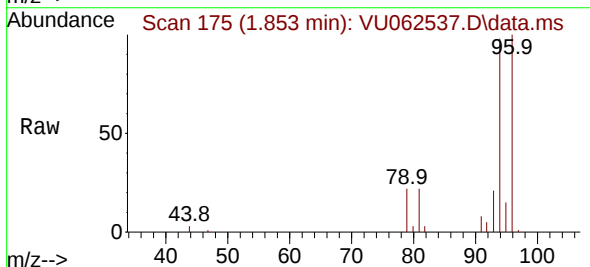
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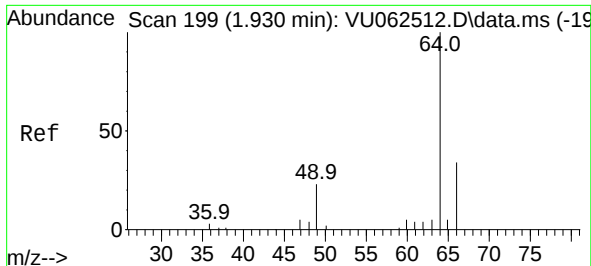
Tgt Ion: 94 Resp: 22483

Ion Ratio Lower Upper

94 100

96 102.2 64.5 119.9

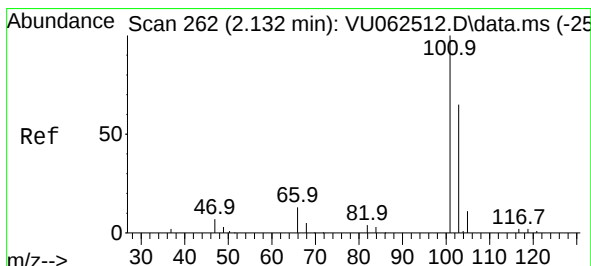
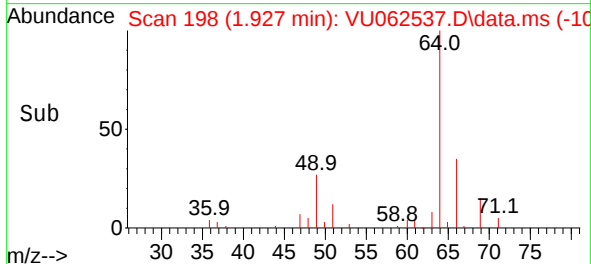
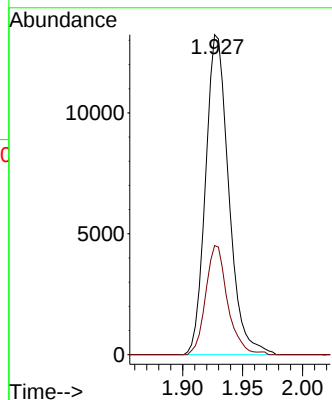
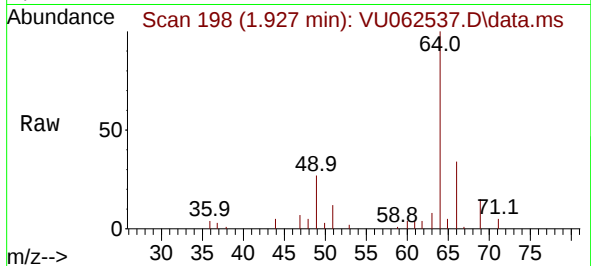




#8
Chloroethane
Concen: 4.615 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

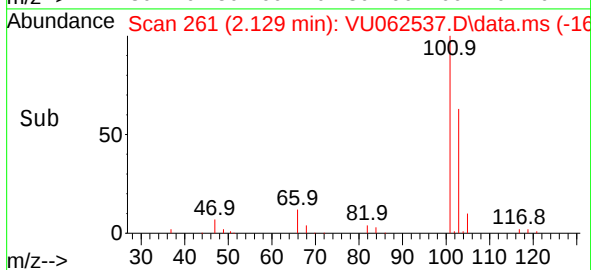
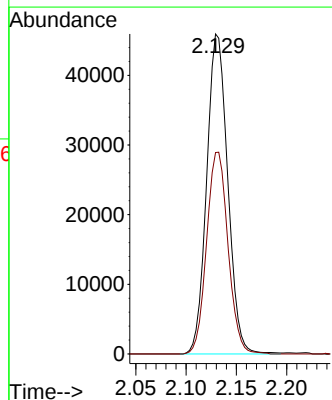
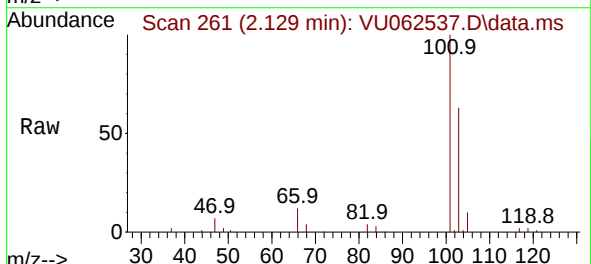
Instrument :
MSVOA_U
ClientSampleId :

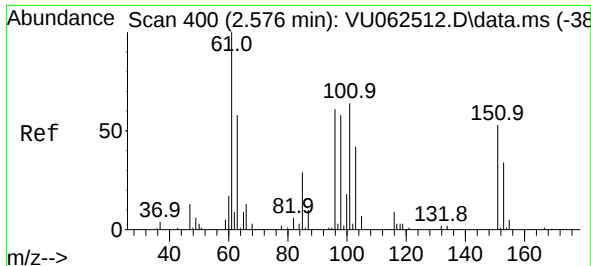
Tgt Ion: 64 Resp: 17831
Ion Ratio Lower Upper
64 100
66 34.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.592 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion:101 Resp: 66955
Ion Ratio Lower Upper
101 100
103 64.1 50.6 75.8

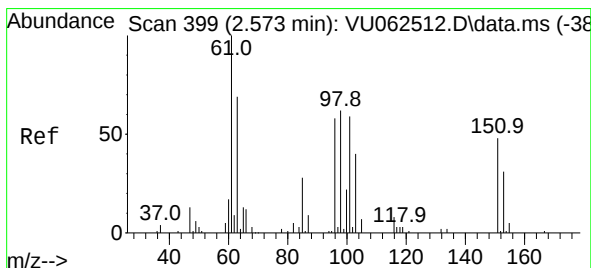
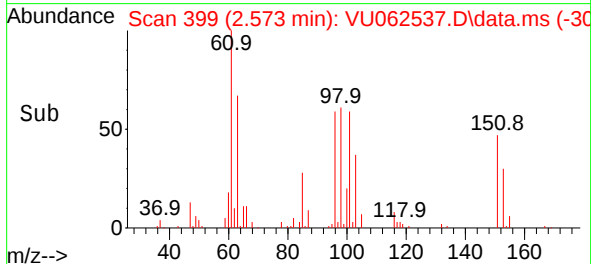
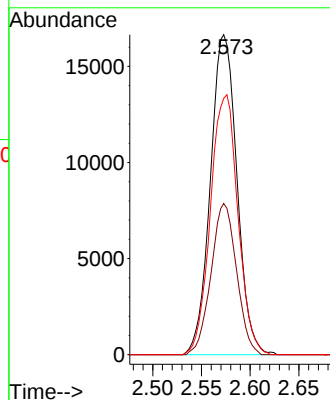
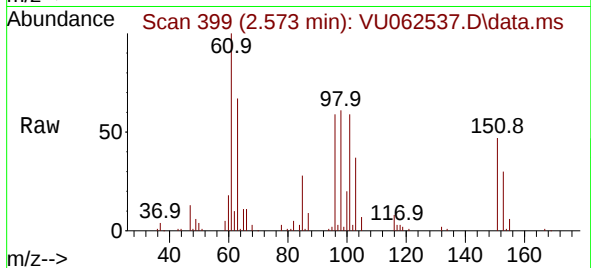




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.845 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

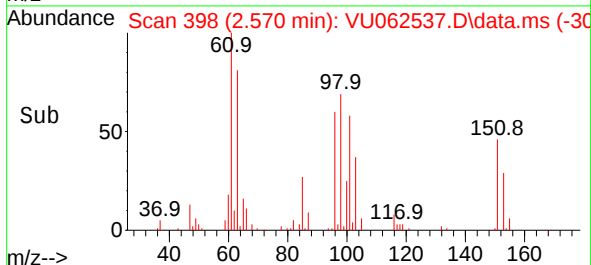
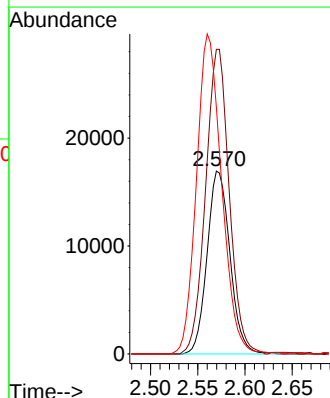
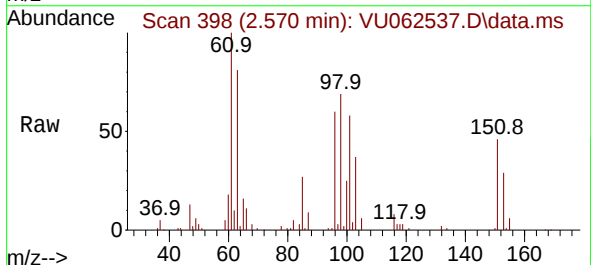
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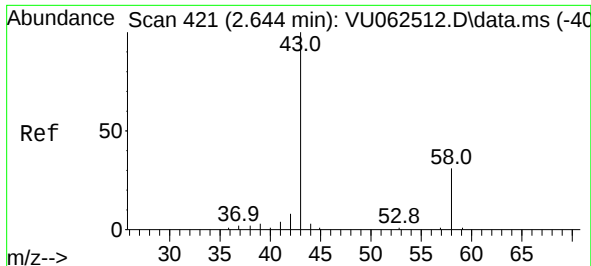
Tgt Ion:101 Resp: 31576
Ion Ratio Lower Upper
101 100
85 45.4 38.0 57.0
151 84.1 55.3 82.9#



#12
1,1-Dichloroethene
Concen: 4.673 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion: 96 Resp: 28468
Ion Ratio Lower Upper
96 100
61 166.6 119.6 222.2
63 135.0 65.0 120.6#





#13

Acetone

Concen: 52.361 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

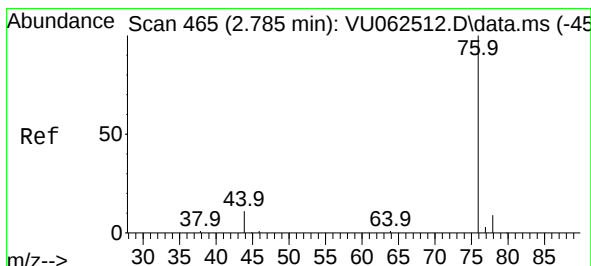
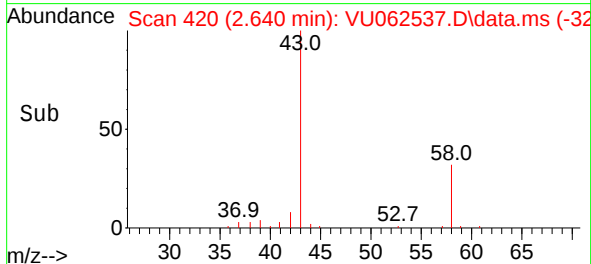
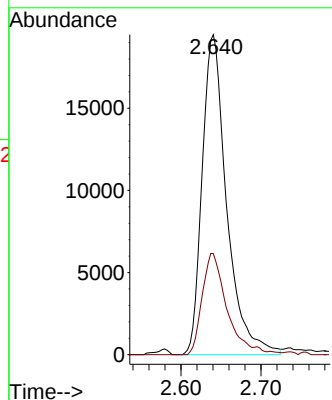
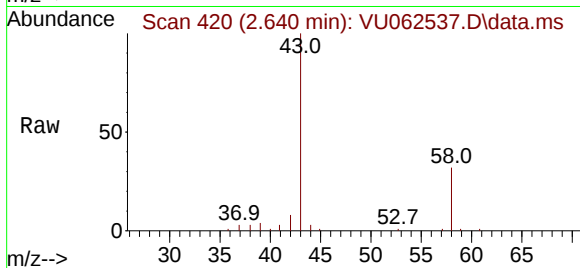
ClientSampleId :

Tgt Ion: 43 Resp: 41586

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.0



#14

Carbon disulfide

Concen: 4.010 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062537.D

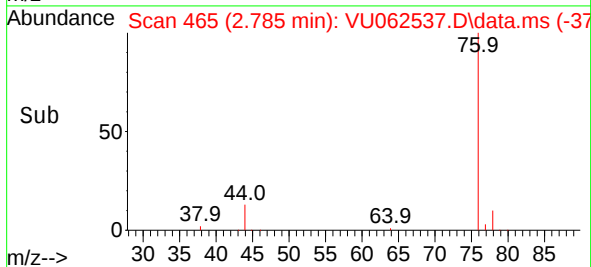
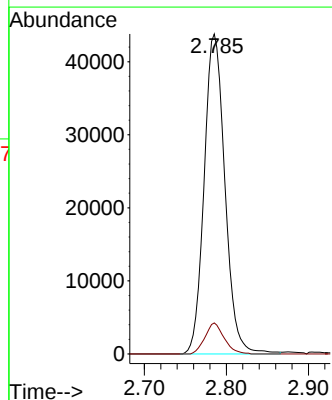
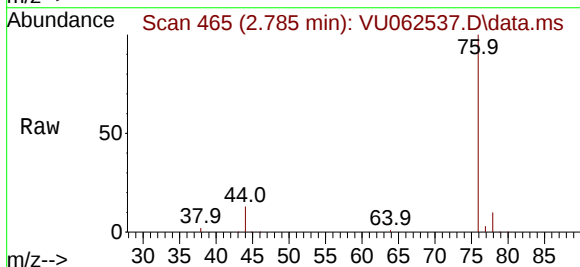
Acq: 20 Dec 2024 20:21

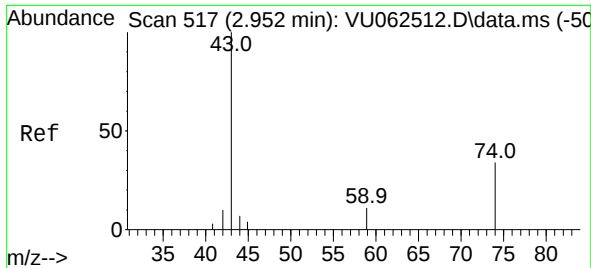
Tgt Ion: 76 Resp: 77260

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3





#15

Methyl Acetate

Concen: 4.704 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.000 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

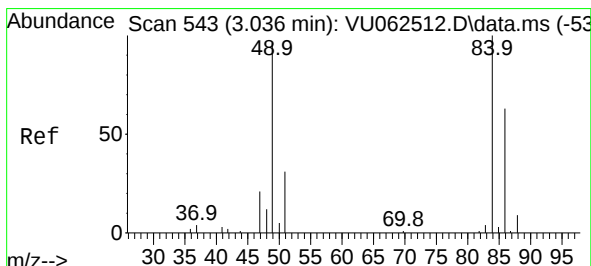
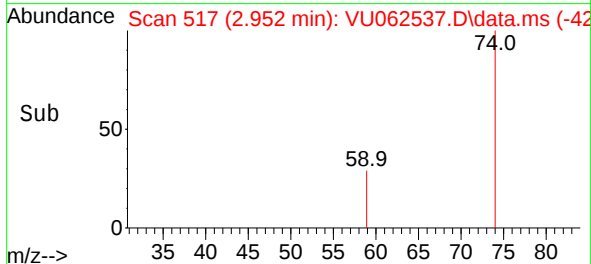
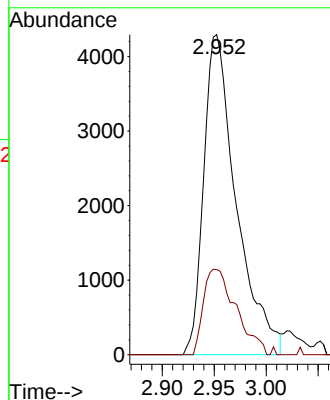
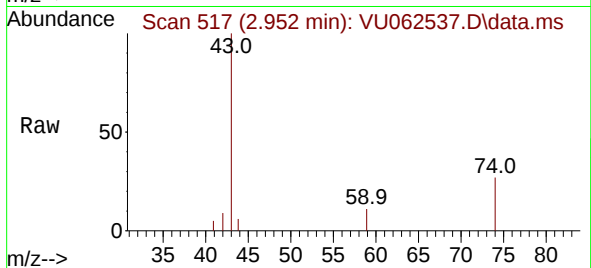
ClientSampleId :

Tgt Ion: 43 Resp: 9363

Ion Ratio Lower Upper

43 100

74 26.7 19.4 29.2



#16

Methylene chloride

Concen: 5.090 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

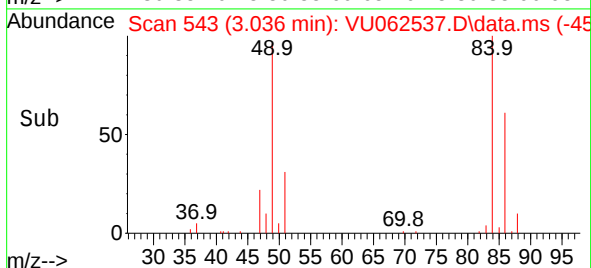
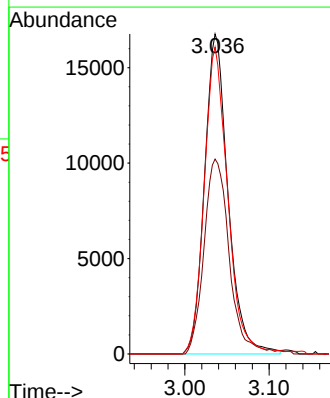
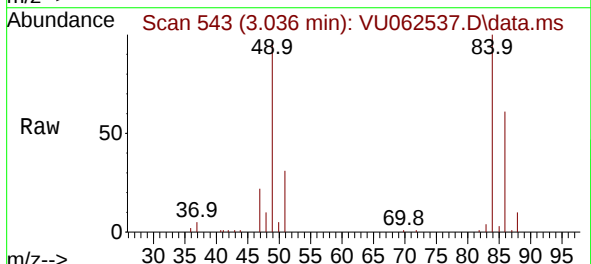
Tgt Ion: 84 Resp: 32551

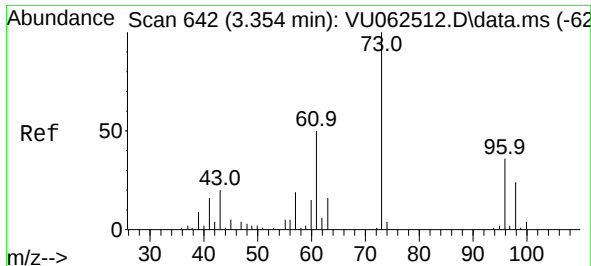
Ion Ratio Lower Upper

84 100

86 60.9 43.5 80.7

49 95.9 81.9 152.1

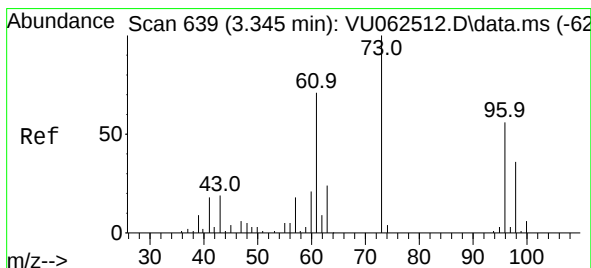
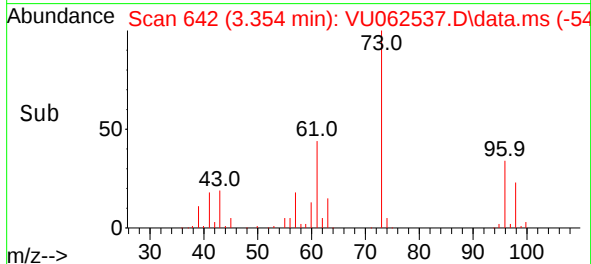
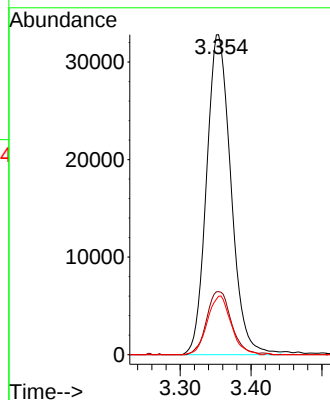
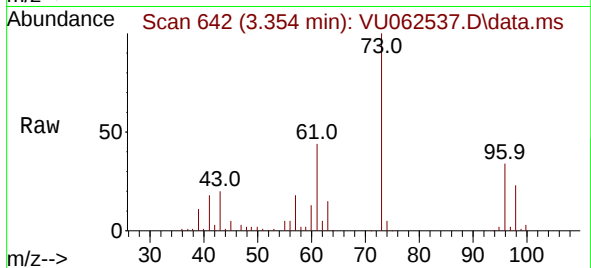




#17
Methyl tert-butyl Ether
Concen: 5.171 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

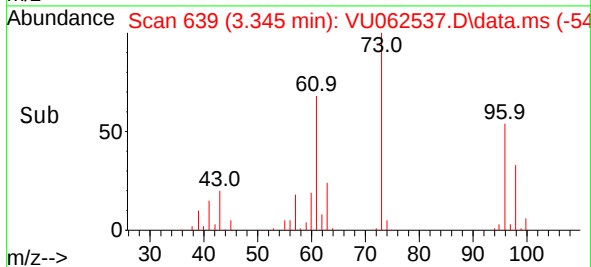
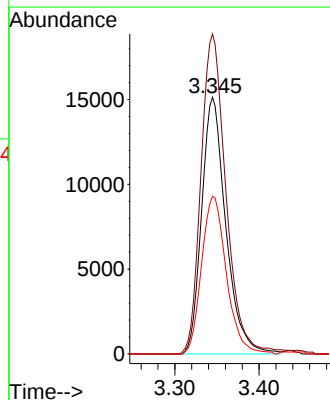
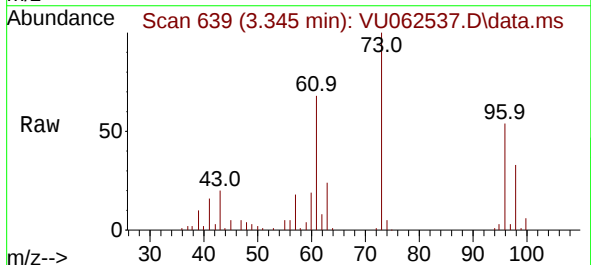
Instrument :
MSVOA_U
ClientSampleId :

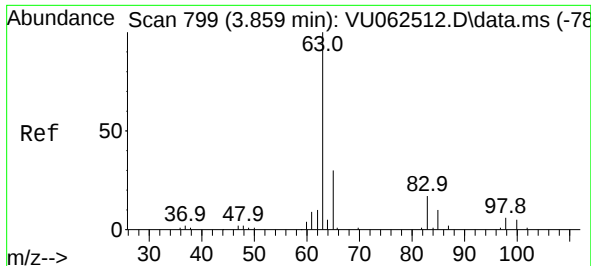
Tgt Ion: 73 Resp: 78478
Ion Ratio Lower Upper
73 100
43 20.0 16.3 24.5
57 17.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.835 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

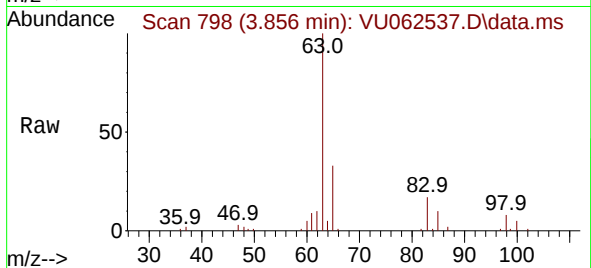
Tgt Ion: 96 Resp: 30265
Ion Ratio Lower Upper
96 100
61 124.7 104.2 193.4
98 61.5 45.7 84.9



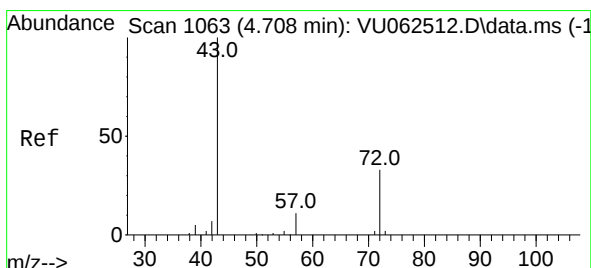
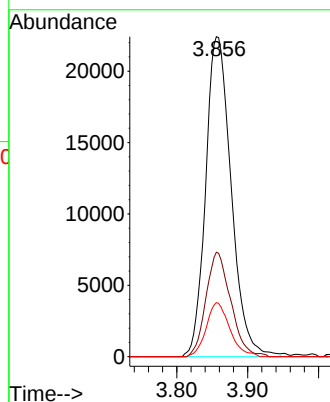
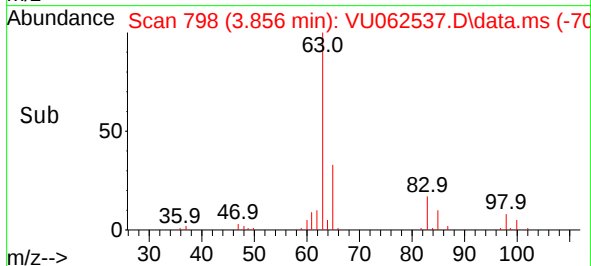


#19
1,1-Dichloroethane
Concen: 4.888 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Instrument :
MSVOA_U
ClientSampleId :

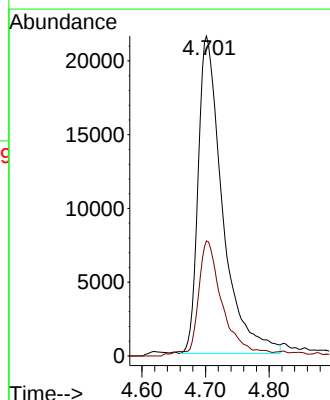
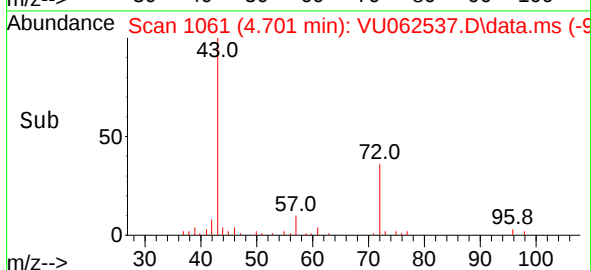
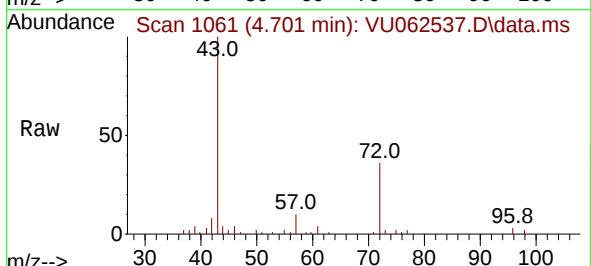


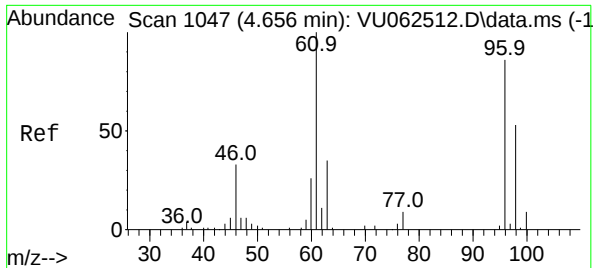
Tgt Ion: 63 Resp: 56083
Ion Ratio Lower Upper
63 100
65 32.7 22.7 42.3
83 16.9 9.9 18.3



#21
2-Butanone
Concen: 49.559 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion: 43 Resp: 57161
Ion Ratio Lower Upper
43 100
72 35.0 14.8 44.4

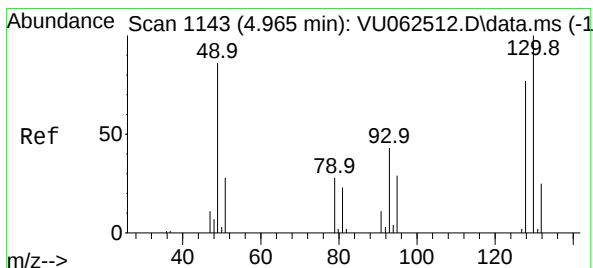
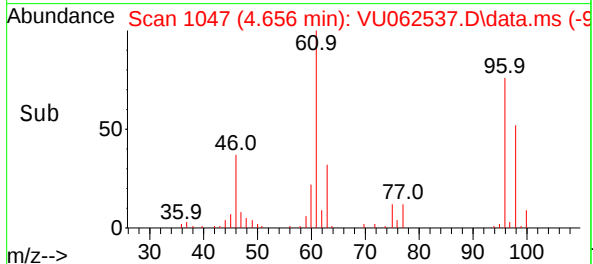
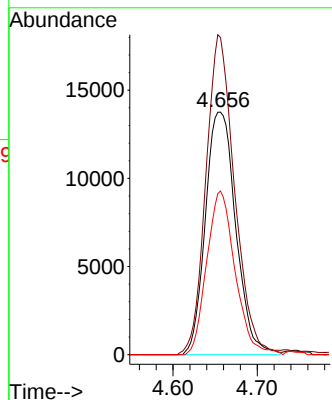
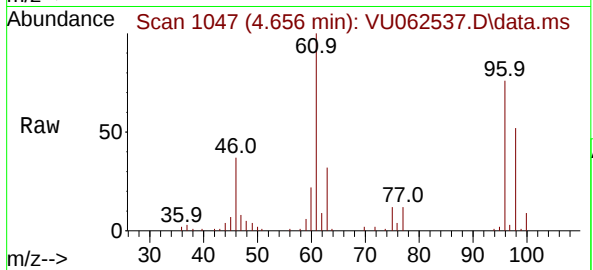




#22
cis-1,2-Dichloroethene
Concen: 4.916 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

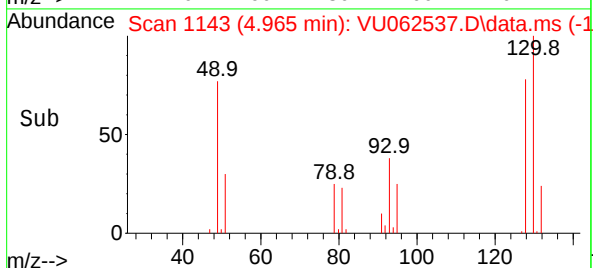
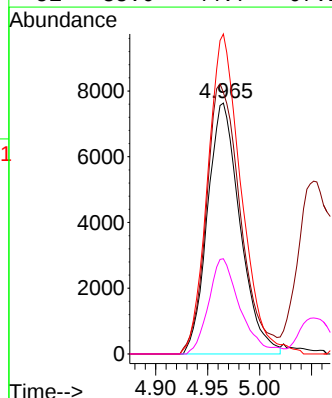
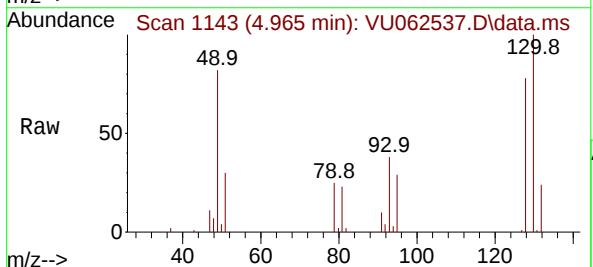
Instrument :
MSVOA_U
ClientSampleId :

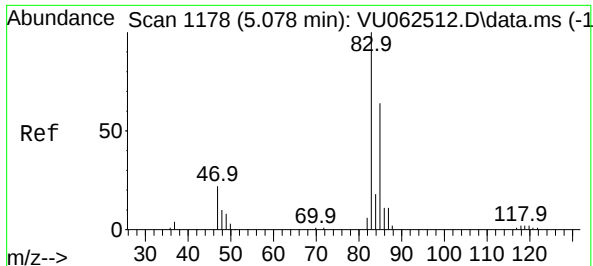
Tgt Ion: 96 Resp: 34495
Ion Ratio Lower Upper
96 100
61 130.8 92.0 170.8
98 67.5 44.5 82.7



#23
Bromochloromethane
Concen: 5.410 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion:128 Resp: 16638
Ion Ratio Lower Upper
128 100
49 104.2 115.3 214.1#
130 127.6 92.0 170.8
51 38.0 44.7 67.1#





#25

Chloroform

Concen: 5.437 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

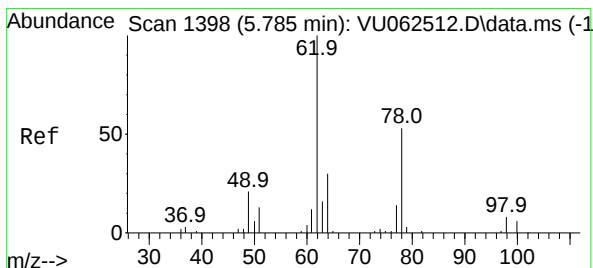
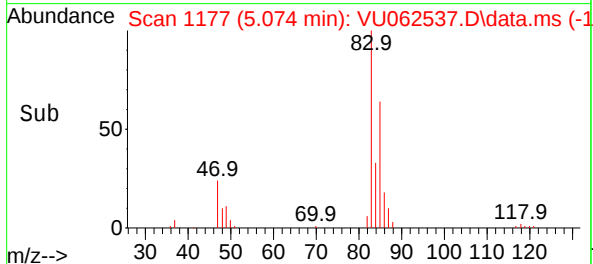
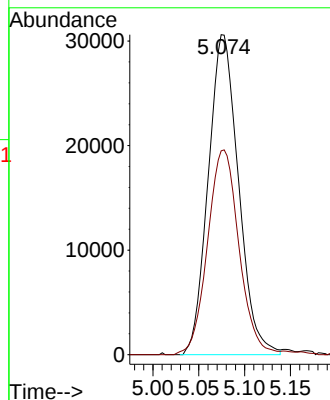
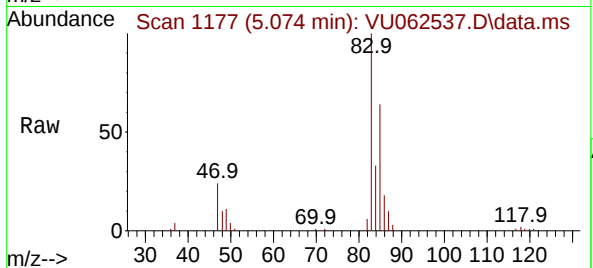
ClientSampleId :

Tgt Ion: 83 Resp: 70266

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.543 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062537.D

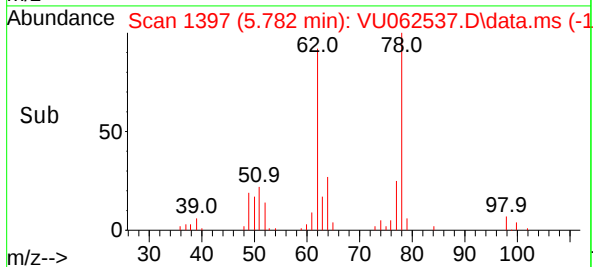
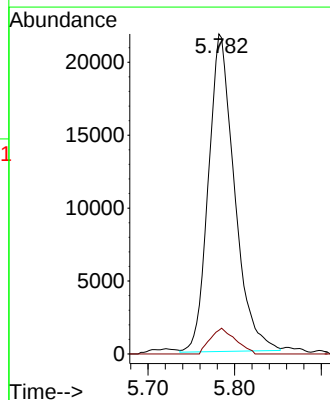
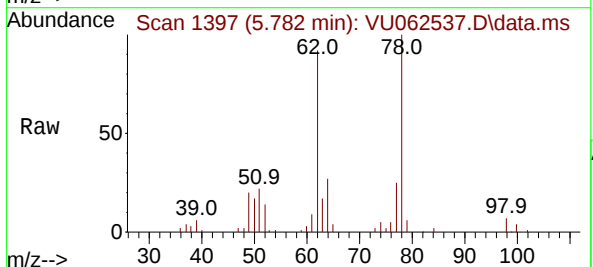
Acq: 20 Dec 2024 20:21

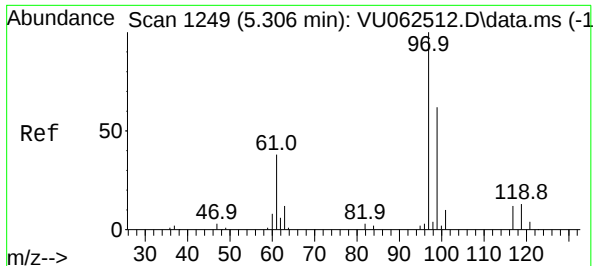
Tgt Ion: 62 Resp: 45528

Ion Ratio Lower Upper

62 100

98 7.4 7.4 11.0

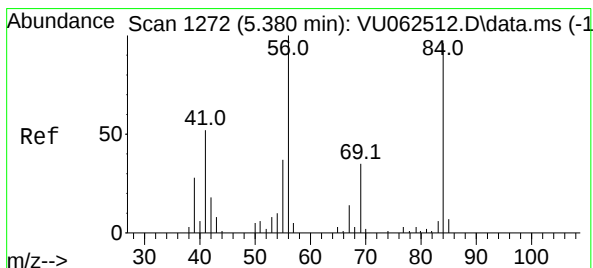
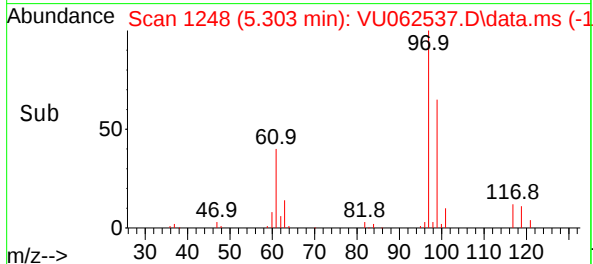
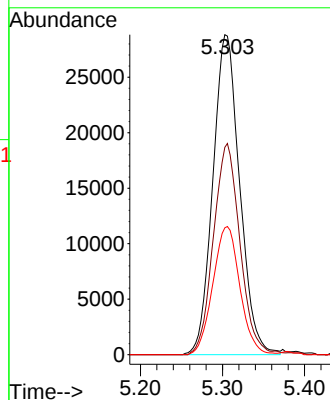
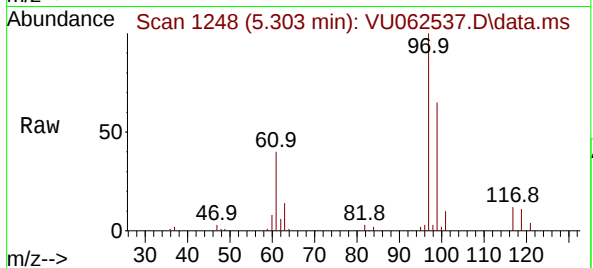




#29
1,1,1-Trichloroethane
Concen: 5.400 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

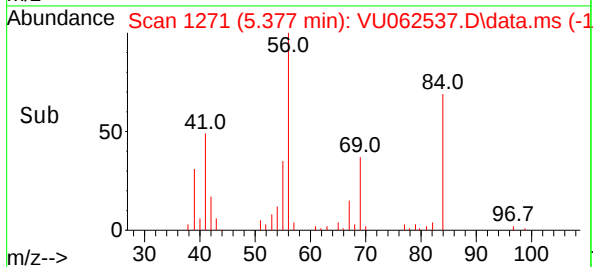
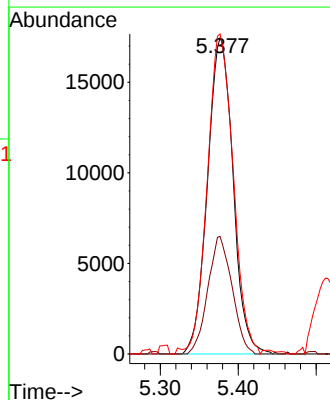
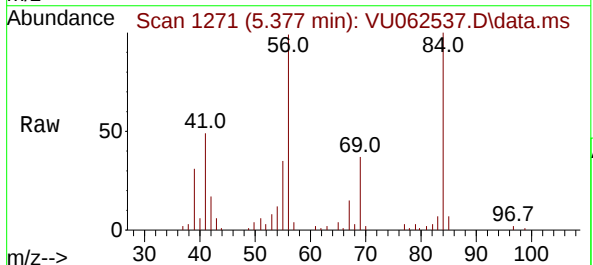
Instrument :
MSVOA_U
ClientSampleId :

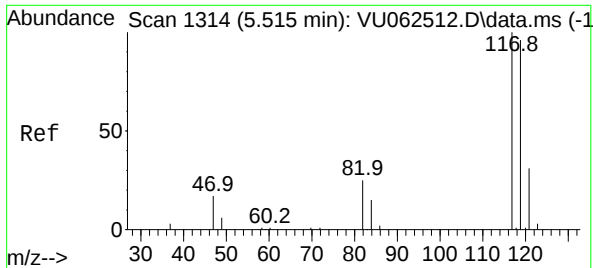
Tgt Ion: 97 Resp: 65619
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 40.3 37.8 56.6



#30
Cyclohexane
Concen: 4.030 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion: 56 Resp: 39710
Ion Ratio Lower Upper
56 100
69 35.2 25.1 37.7
84 102.3 70.6 105.8

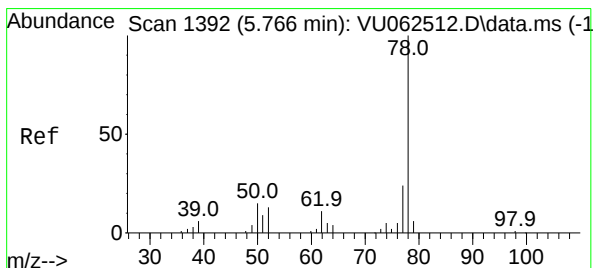
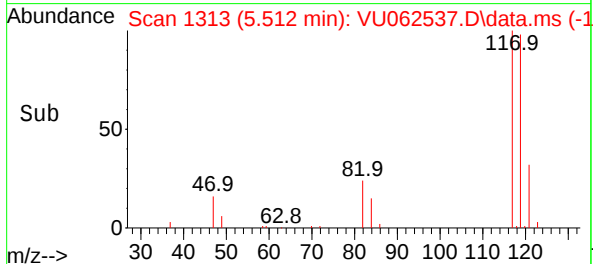
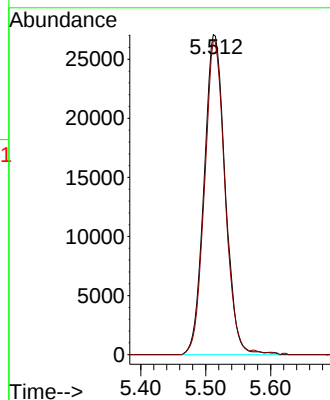
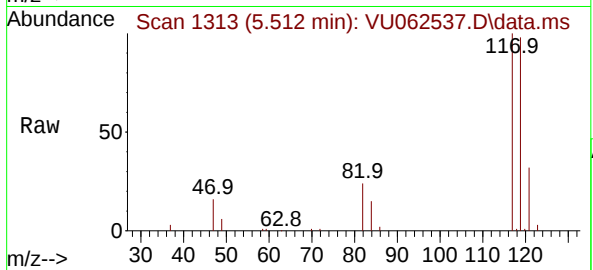




#31
Carbon tetrachloride
Concen: 5.485 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

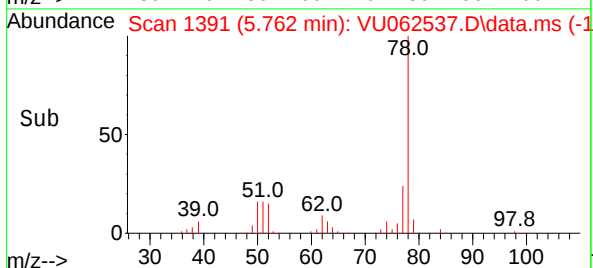
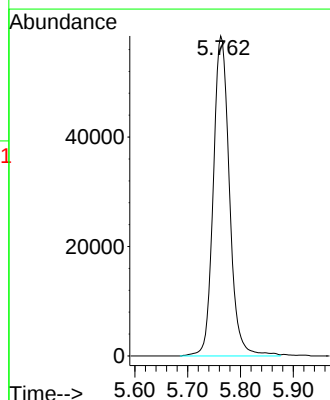
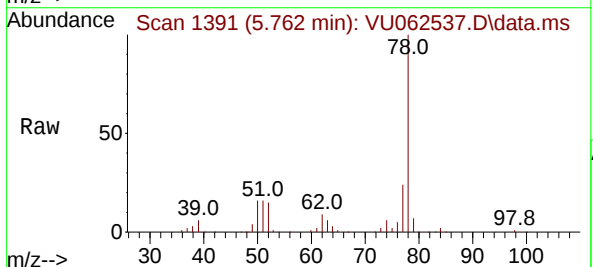
Instrument :
MSVOA_U
ClientSampleId :

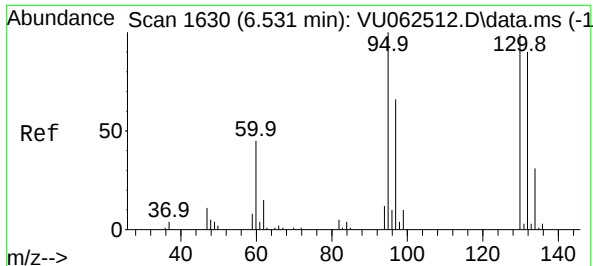
Tgt Ion:117 Resp: 61110
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#33
Benzene
Concen: 4.650 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion: 78 Resp: 124459

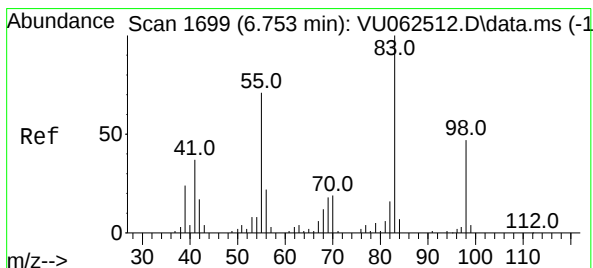
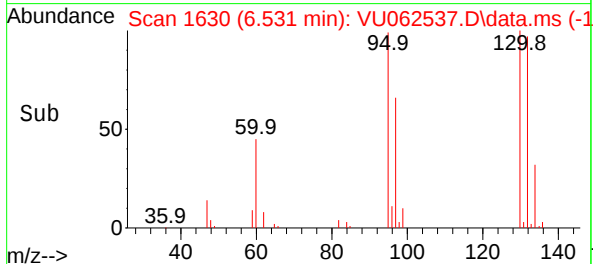
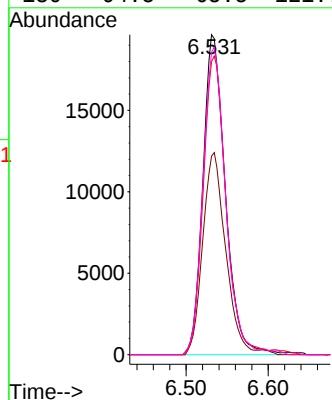
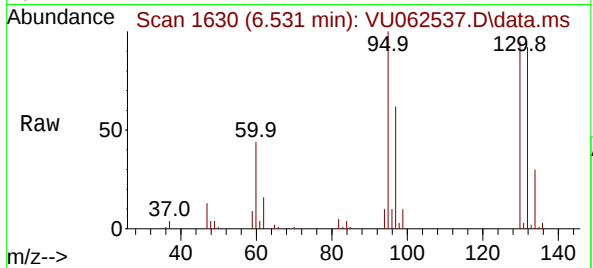




#34
Trichloroethene
Concen: 4.921 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

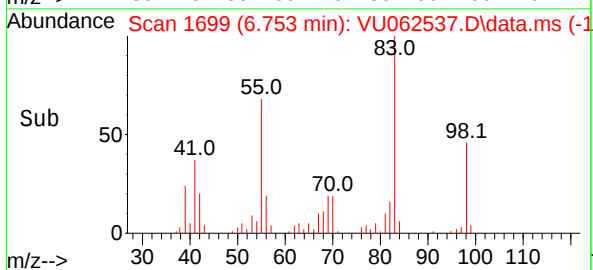
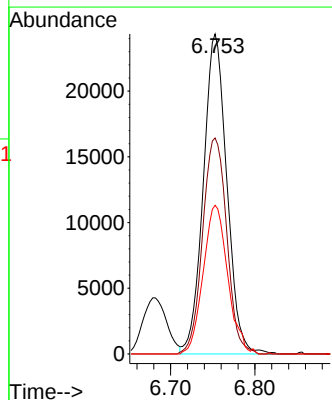
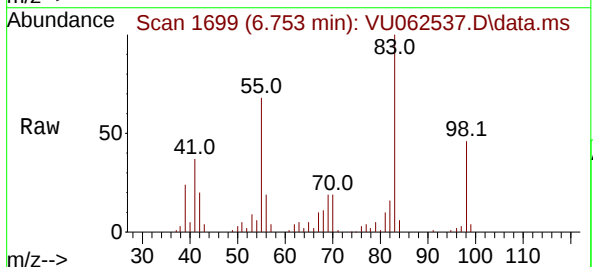
Instrument :
MSVOA_U
ClientSampleId :

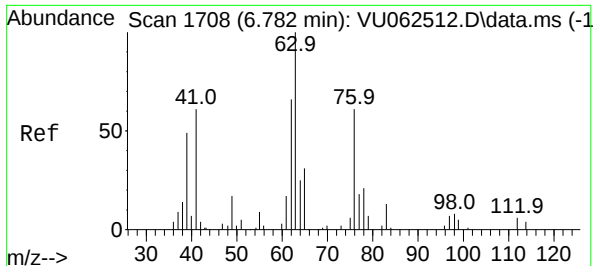
Tgt Ion: 95 Resp: 37310
Ion Ratio Lower Upper
95 100
97 62.0 45.9 85.3
132 91.6 63.8 118.4
130 94.5 65.5 121.7



#35
Methylcyclohexane
Concen: 4.211 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion: 83 Resp: 47341
Ion Ratio Lower Upper
83 100
55 69.1 60.7 91.1
98 48.5 34.8 52.2

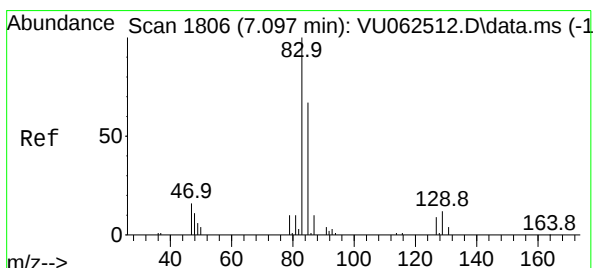
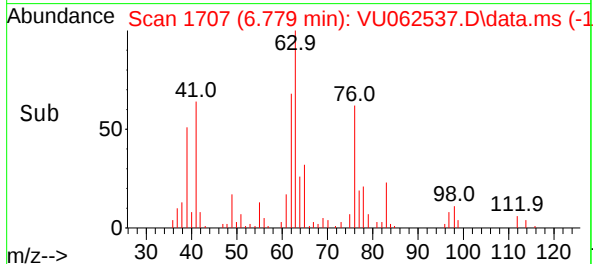
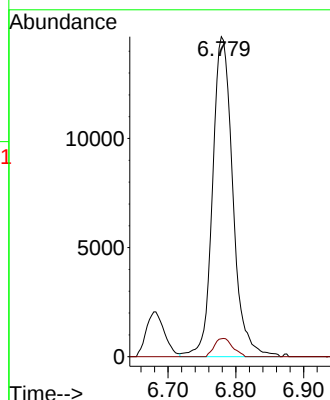
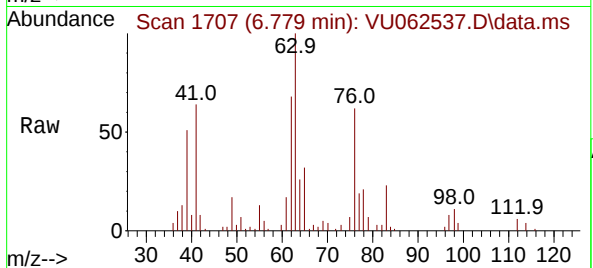




#37
1,2-Dichloropropane
Concen: 4.683 ug/L
RT: 6.779 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

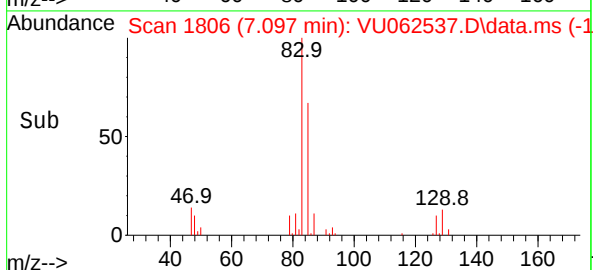
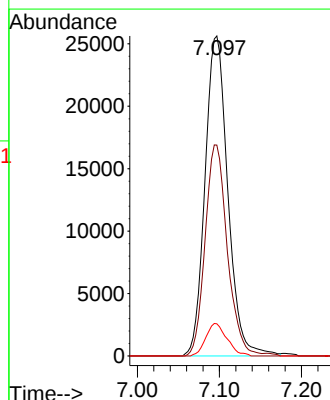
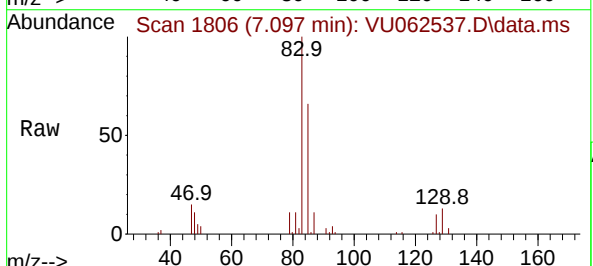
Instrument :
MSVOA_U
ClientSampleId :

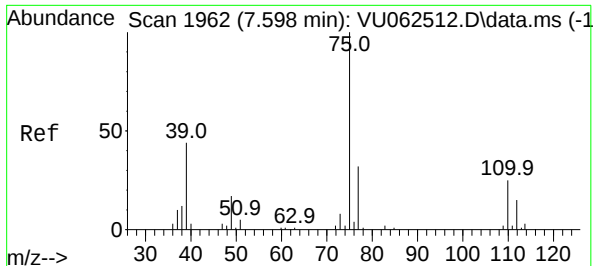
Tgt Ion: 63 Resp: 30526
Ion Ratio Lower Upper
63 100
112 5.1 3.4 5.0#



#38
Bromodichloromethane
Concen: 5.394 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion: 83 Resp: 49611
Ion Ratio Lower Upper
83 100
85 65.9 44.1 81.9
127 10.0 6.9 10.3

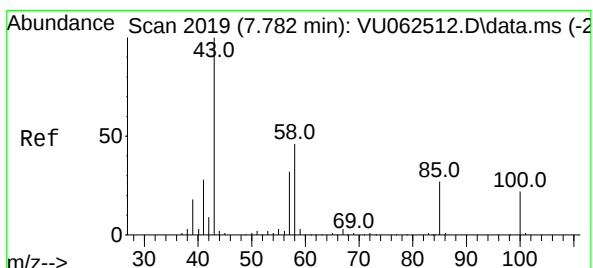
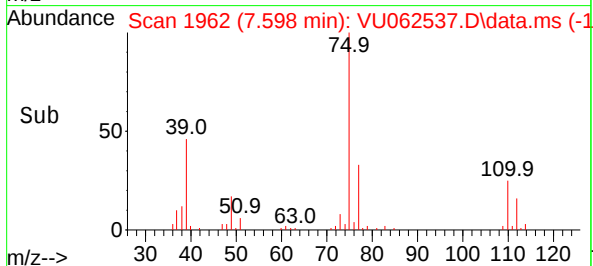
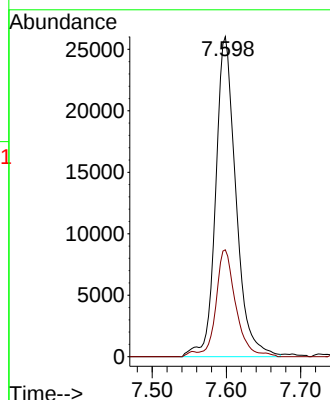
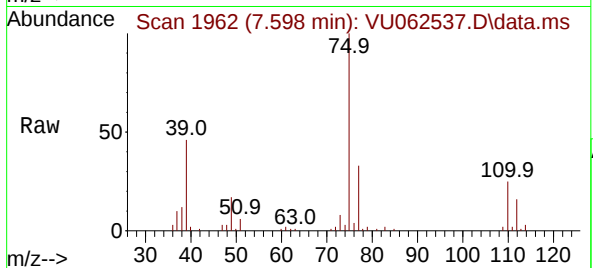




#39
 cis-1,3-Dichloropropene
 Concen: 4.731 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062537.D
 Acq: 20 Dec 2024 20:21

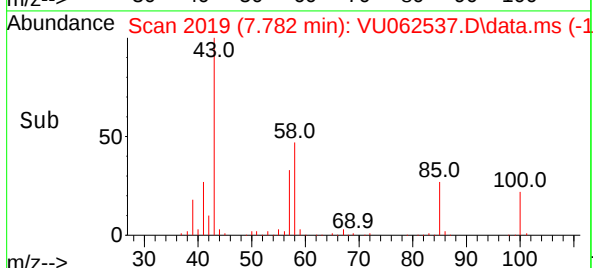
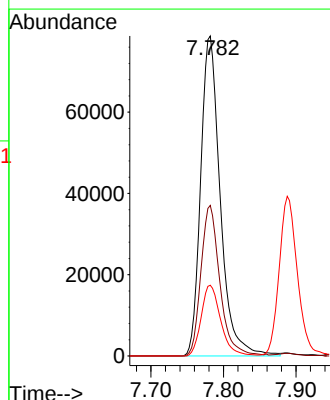
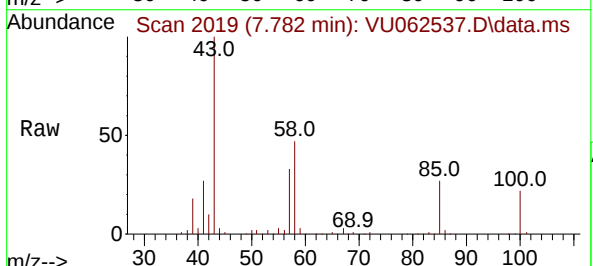
Instrument :
 MSVOA_U
 ClientSampleId :

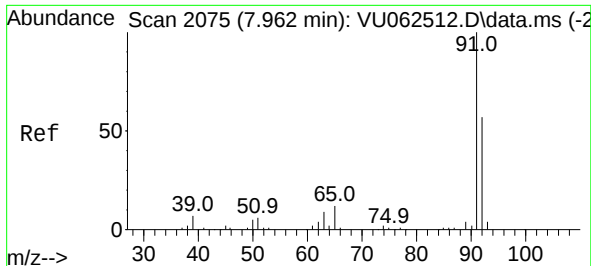
Tgt Ion: 75 Resp: 49434
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 48.379 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062537.D
 Acq: 20 Dec 2024 20:21

Tgt Ion: 43 Resp: 147802
 Ion Ratio Lower Upper
 43 100
 58 45.5 33.3 49.9
 100 22.0 12.4 18.6#





#42

Toluene

Concen: 4.828 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

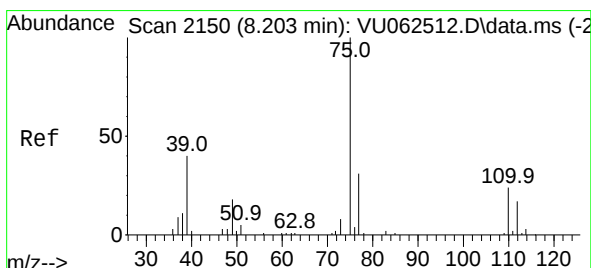
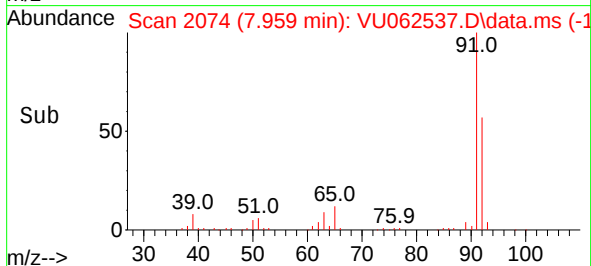
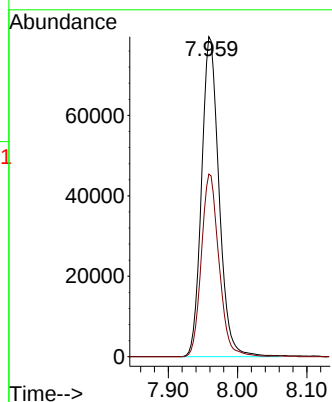
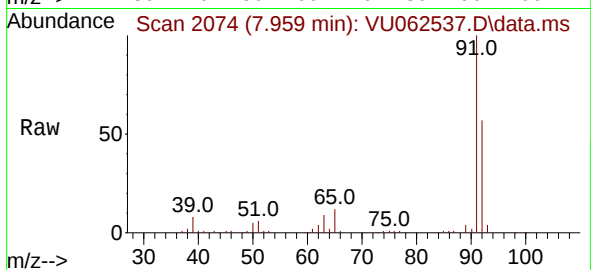
ClientSampleId :

Tgt Ion: 91 Resp: 139348

Ion Ratio Lower Upper

91 100

92 57.1 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.206 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062537.D

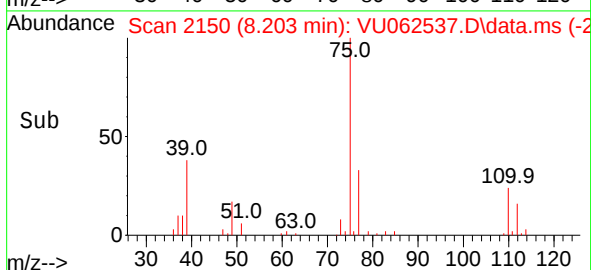
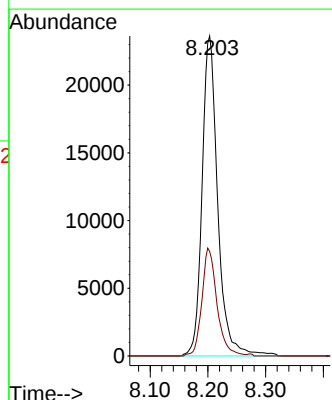
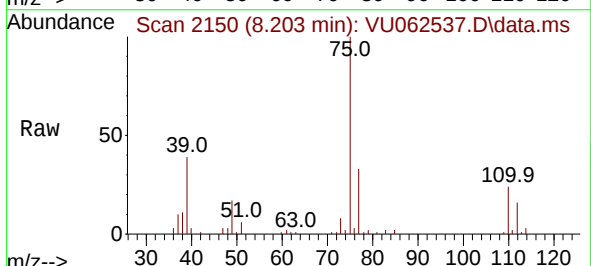
Acq: 20 Dec 2024 20:21

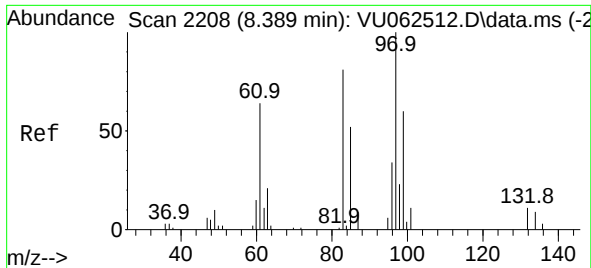
Tgt Ion: 75 Resp: 44416

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.4

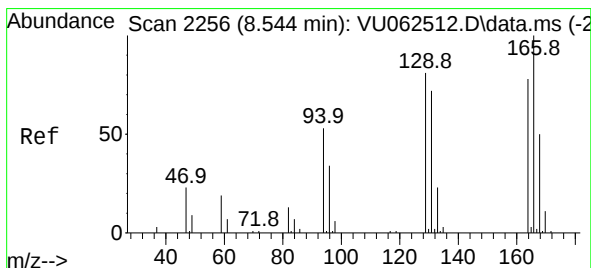
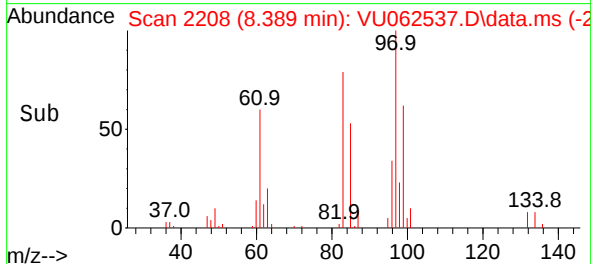
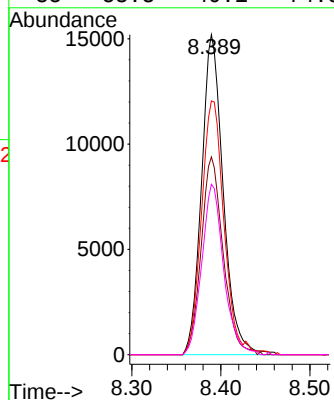
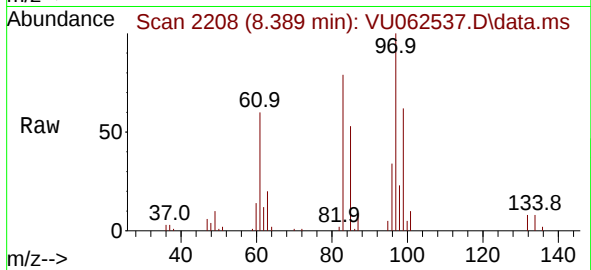




#45
1,1,2-Trichloroethane
Concen: 5.225 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

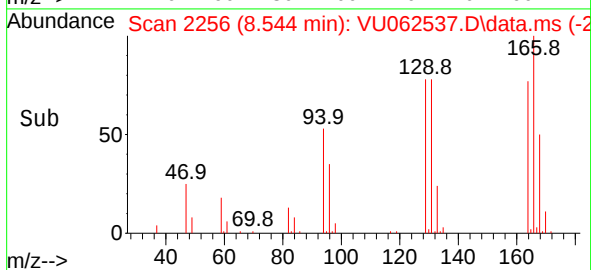
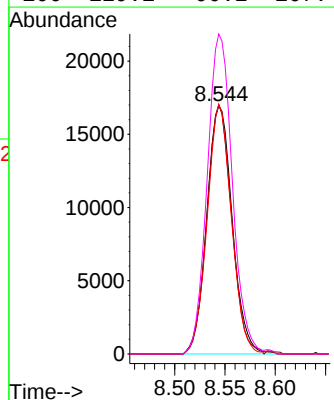
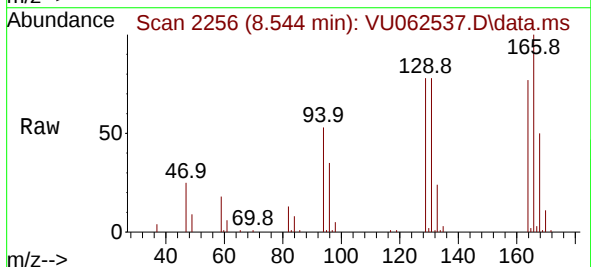
Instrument :
MSVOA_U
ClientSampleId :

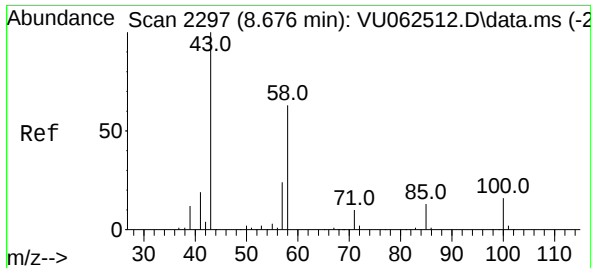
Tgt Ion: 97	Resp: 25711
Ion Ratio	Lower Upper
97 100	
99 61.8	43.0 79.8
83 79.3	61.7 114.5
85 53.3	40.1 74.5



#47
Tetrachloroethene
Concen: 5.102 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt	Ion:164	Resp:	29872
Ion	Ratio	Lower	Upper
164	100		
129	100.5	73.2	136.0
131	100.8	72.3	134.3
166	129.1	90.2	167.4

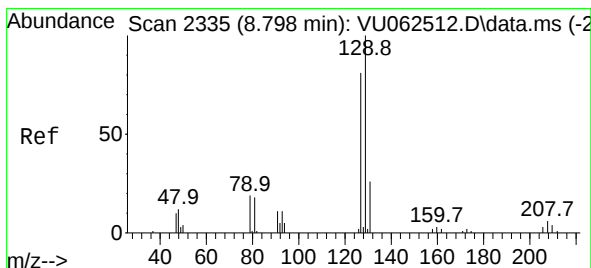
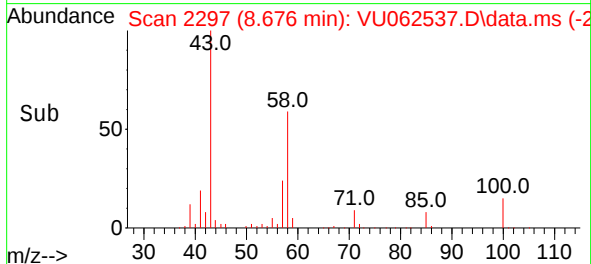
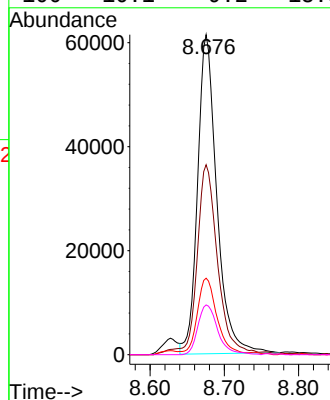
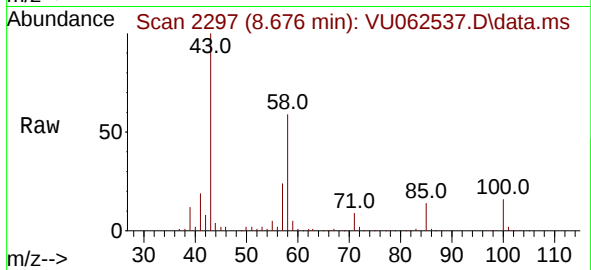




#48
2-Hexanone
Concen: 49.028 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

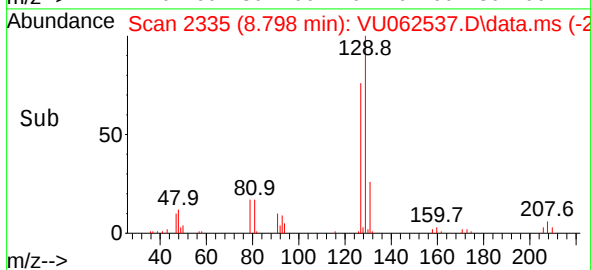
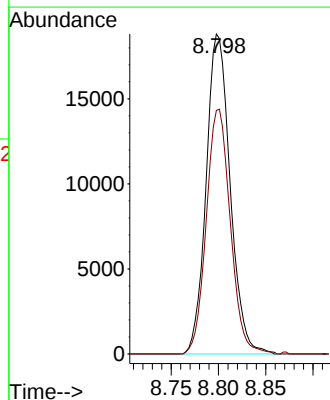
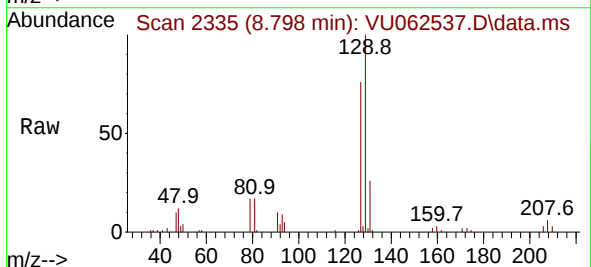
Instrument :
MSVOA_U
ClientSampleId :

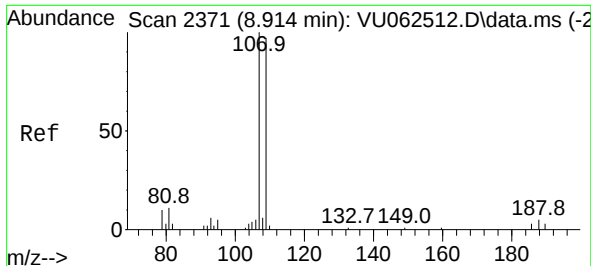
Tgt Ion:	43	Resp:	110697
Ion	Ratio	Lower	Upper
43	100		
58	63.7	47.5	71.3
57	24.7	15.6	23.4#
100	16.1	9.2	13.8#



#49
Dibromochloromethane
Concen: 5.595 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion:	129	Resp:	33263
Ion	Ratio	Lower	Upper
129	100		
127	76.1	51.1	94.9





#50

1,2-Dibromoethane

Concen: 5.307 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

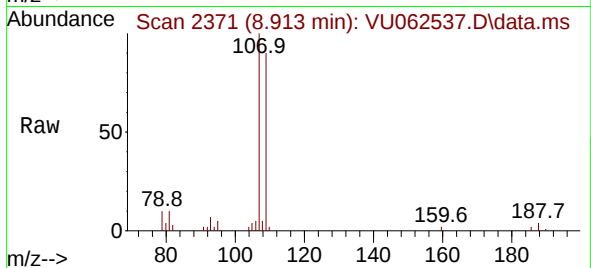
Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

ClientSampleId :



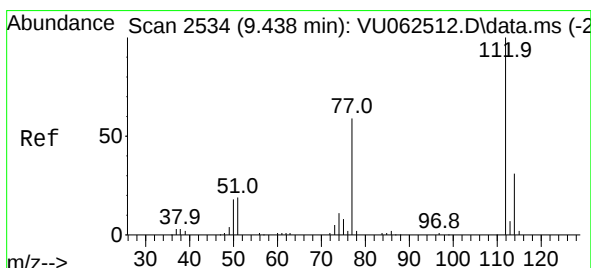
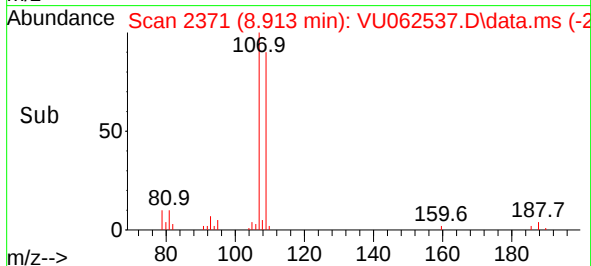
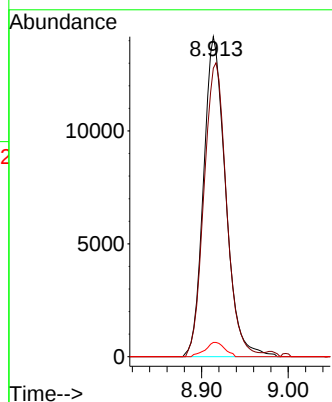
Tgt Ion:107 Resp: 25097

Ion Ratio Lower Upper

107 100

109 90.1 66.8 124.2

188 4.5 2.3 3.5#



#51

Chlorobenzene

Concen: 4.963 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

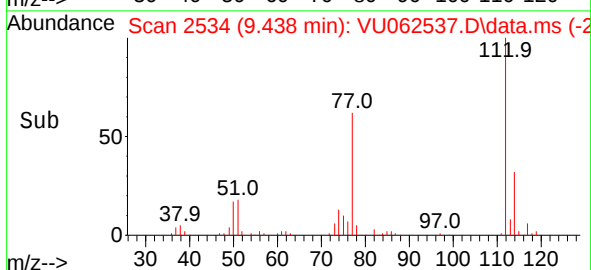
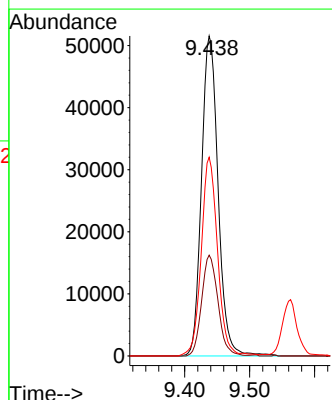
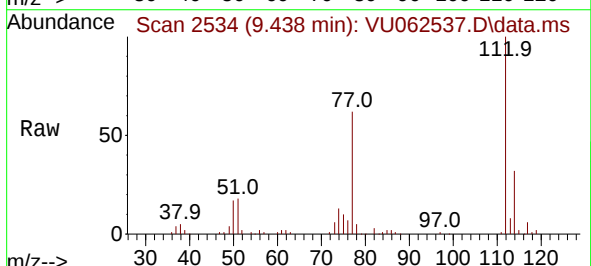
Tgt Ion:112 Resp: 91782

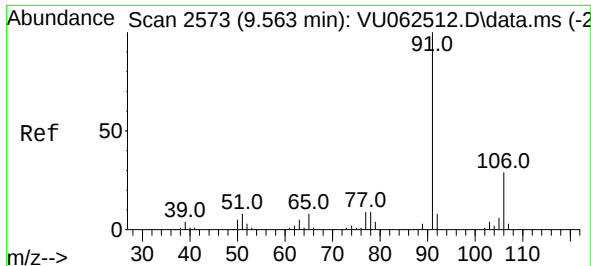
Ion Ratio Lower Upper

112 100

114 31.5 23.0 42.6

77 62.1 50.5 75.7





#52

Ethylbenzene

Concen: 4.797 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

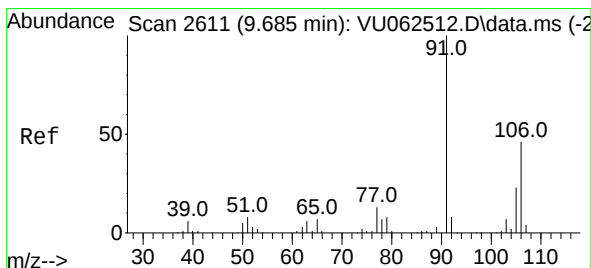
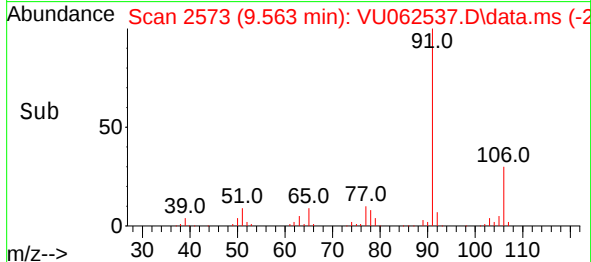
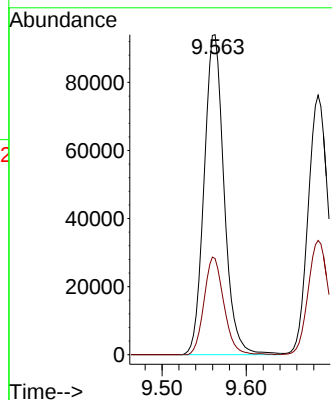
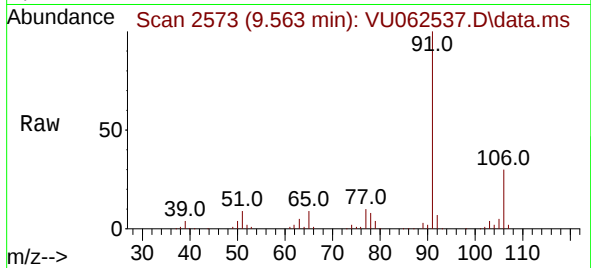
ClientSampleId :

Tgt Ion: 91 Resp: 155235

Ion Ratio Lower Upper

91 100

106 30.1 21.6 40.0



#53

m,p-Xylene

Concen: 4.911 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU062537.D

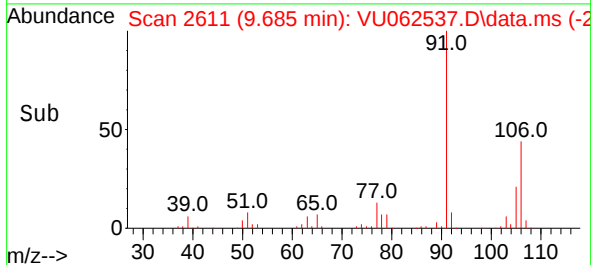
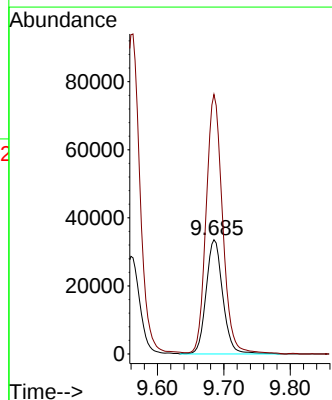
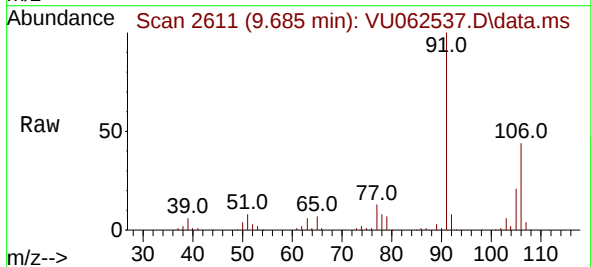
Acq: 20 Dec 2024 20:21

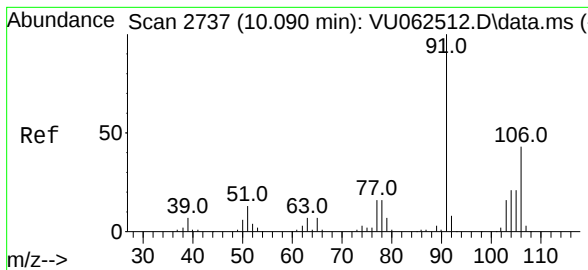
Tgt Ion:106 Resp: 58683

Ion Ratio Lower Upper

106 100

91 227.2 147.6 274.0

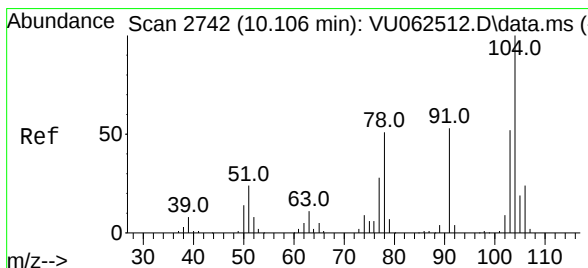
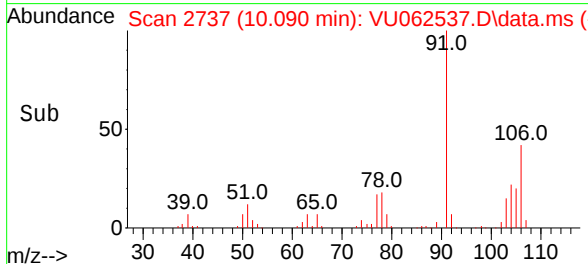
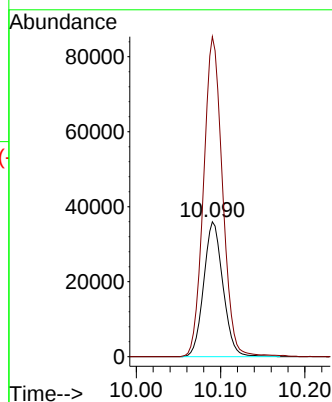
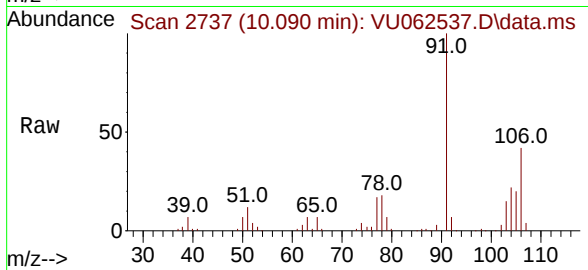




#54
o-Xylene
Concen: 4.932 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

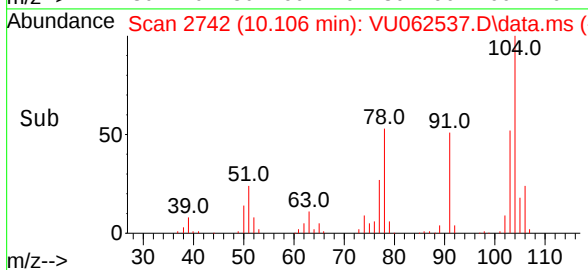
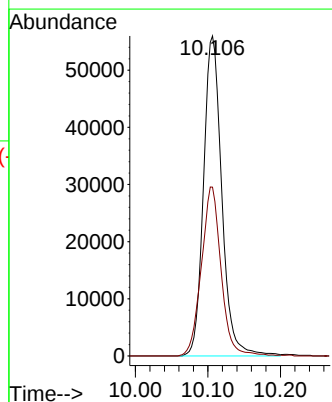
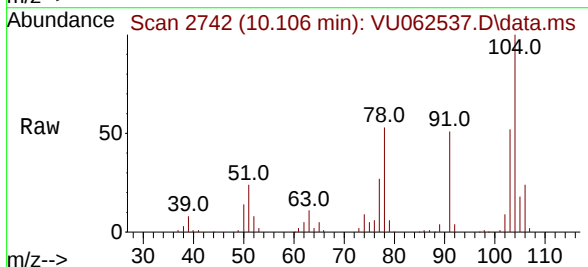
Instrument :
MSVOA_U
ClientSampleId :

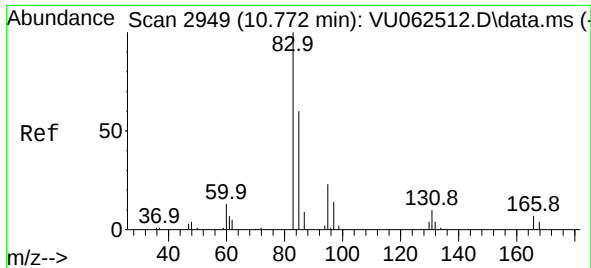
Tgt Ion:106 Resp: 57312
Ion Ratio Lower Upper
106 100
91 237.3 159.8 296.8



#55
Styrene
Concen: 5.117 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion:104 Resp: 98017
Ion Ratio Lower Upper
104 100
78 52.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.037 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062537.D

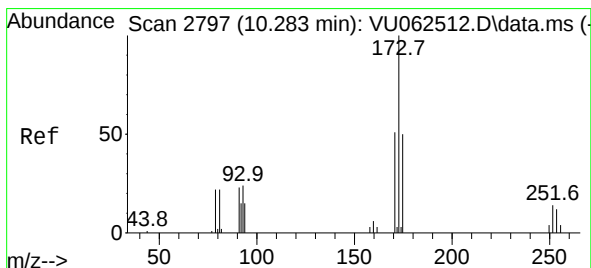
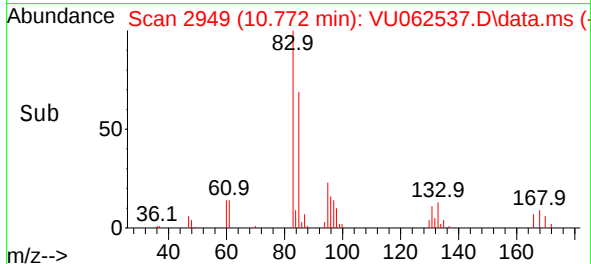
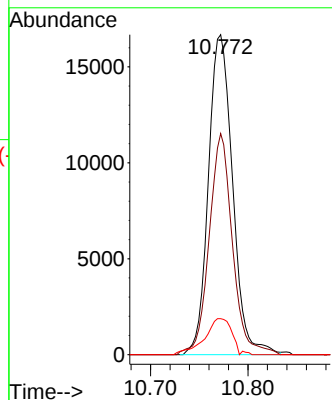
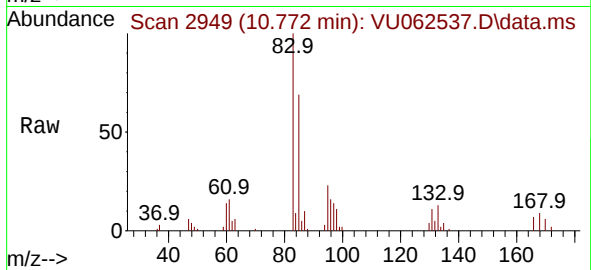
Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	28850
Ion Ratio	Lower	Upper	
83	100		
85	69.1	44.4	82.4
131	11.3	7.3	10.9#



#59

Bromoform

Concen: 5.501 ug/L

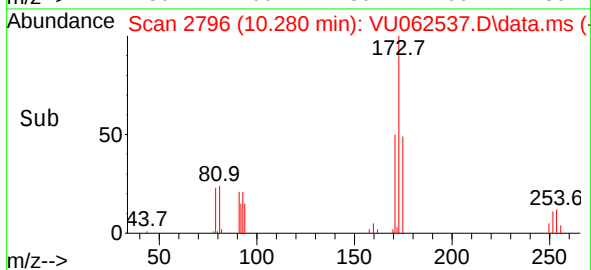
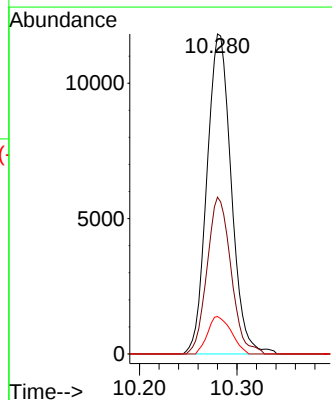
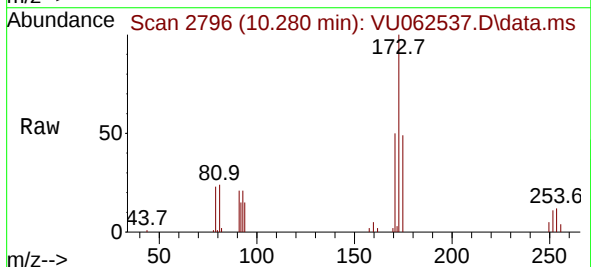
RT: 10.280 min Scan# 2796

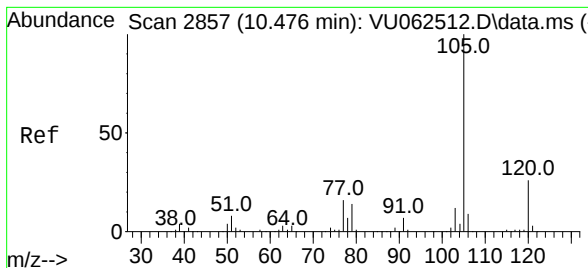
Delta R.T. -0.003 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Tgt Ion:	173	Resp:	20453
Ion Ratio	Lower	Upper	
173	100		
175	48.3	39.0	58.4
254	11.3	7.4	11.0#





#60

Isopropylbenzene

Concen: 4.706 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

ClientSampleId :

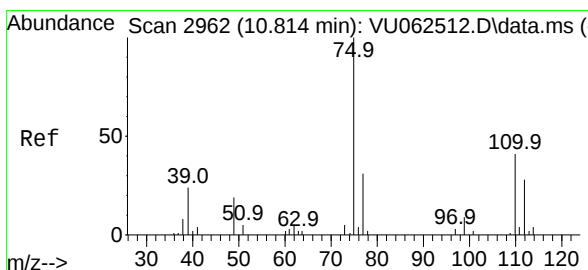
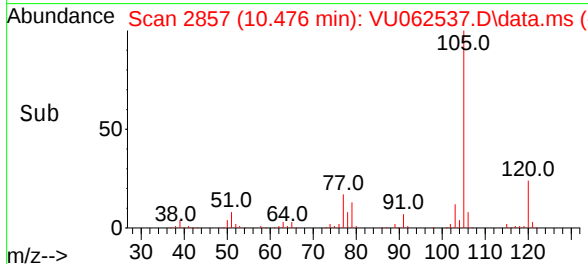
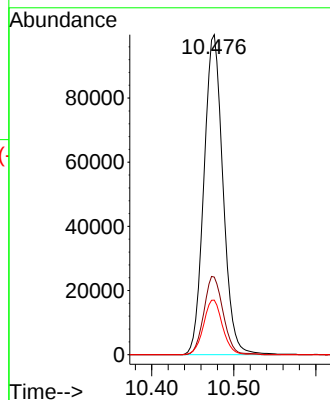
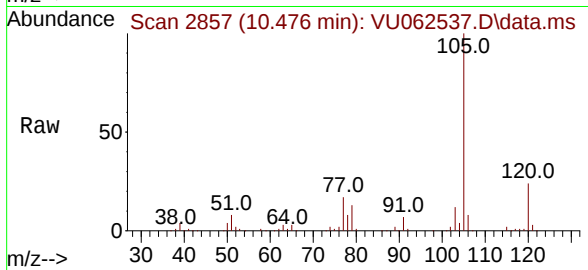
Tgt Ion:105 Resp: 160855

Ion Ratio Lower Upper

105 100

120 24.7 20.6 31.0

77 16.9 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.020 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

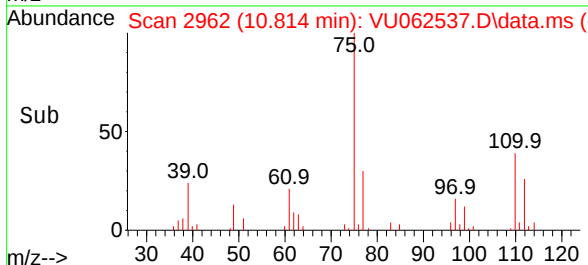
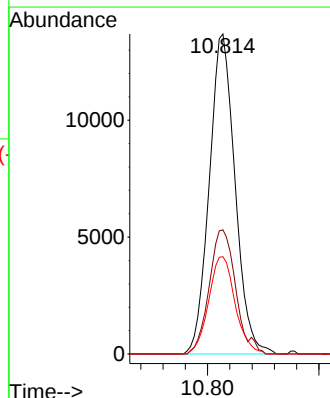
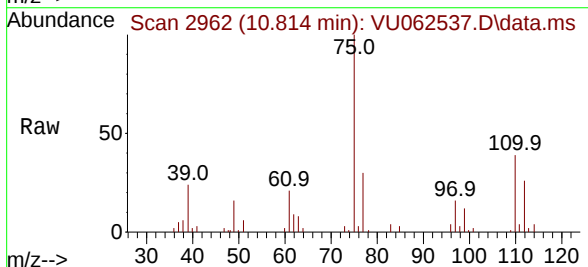
Tgt Ion: 75 Resp: 21960

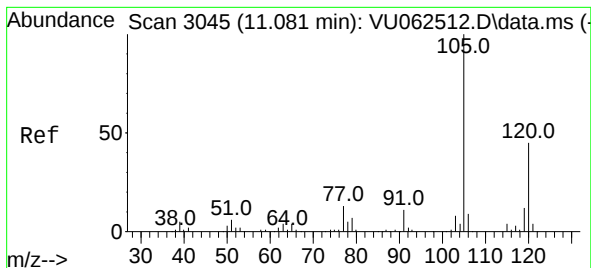
Ion Ratio Lower Upper

75 100

110 39.8 28.9 43.3

77 31.2 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.594 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

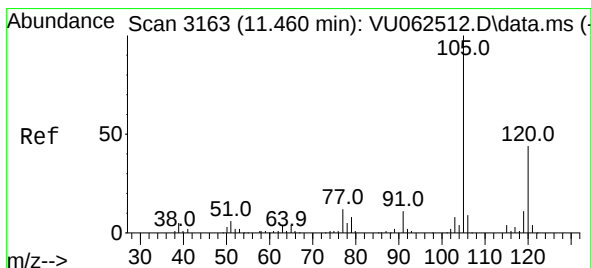
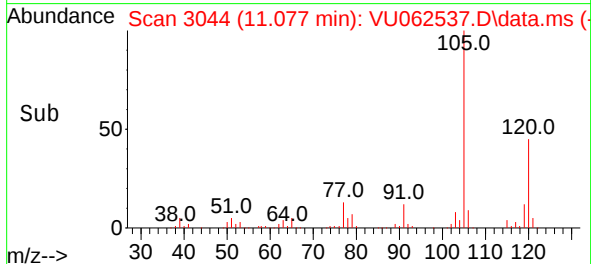
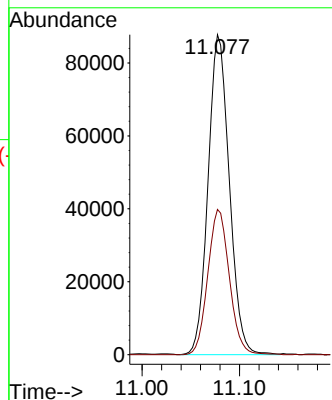
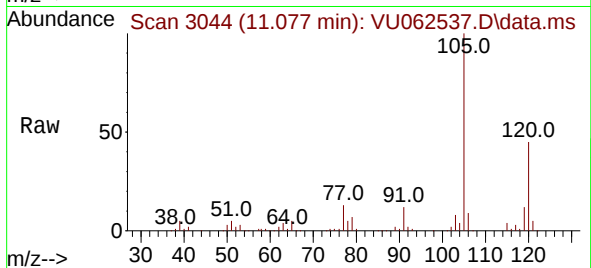
ClientSampleId :

Tgt Ion:105 Resp: 132874

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.615 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062537.D

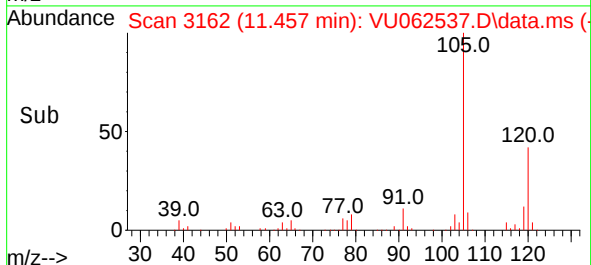
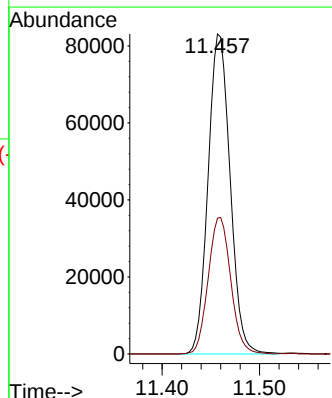
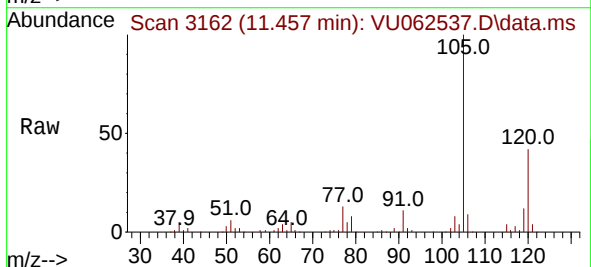
Acq: 20 Dec 2024 20:21

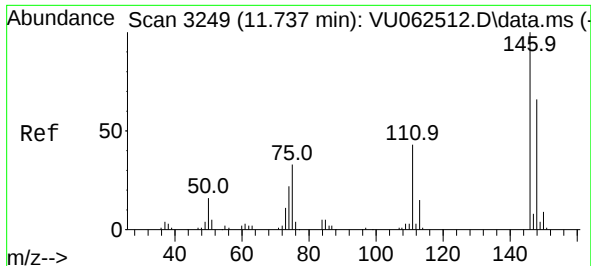
Tgt Ion:105 Resp: 130789

Ion Ratio Lower Upper

105 100

120 43.6 34.7 52.1

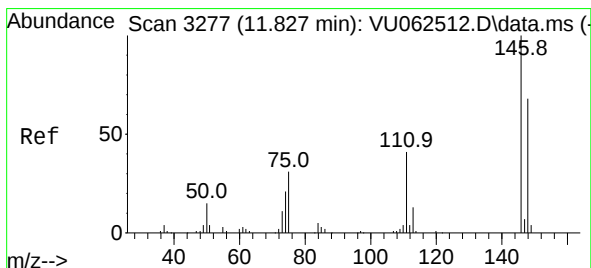
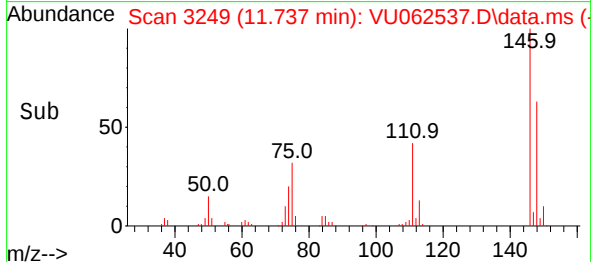
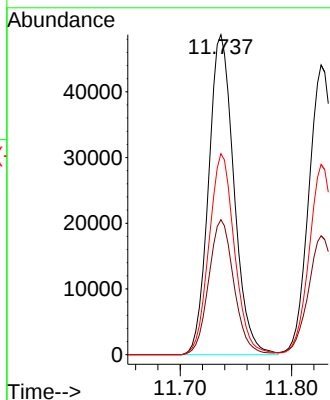
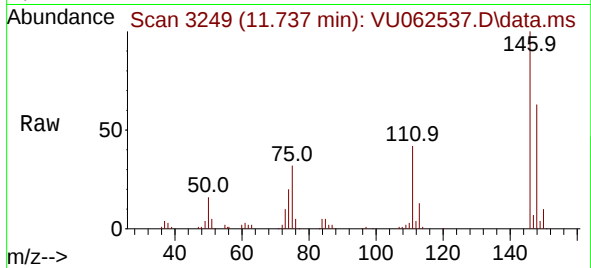




#64
1,3-Dichlorobenzene
Concen: 4.905 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

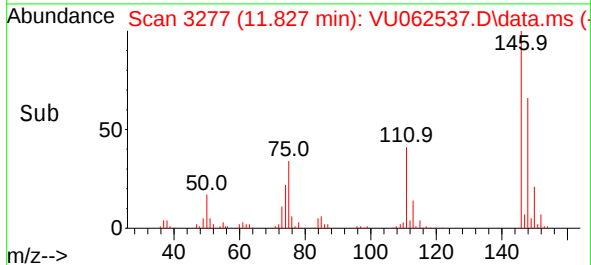
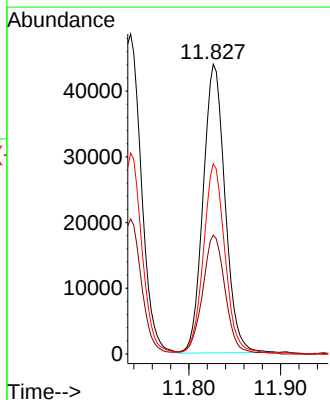
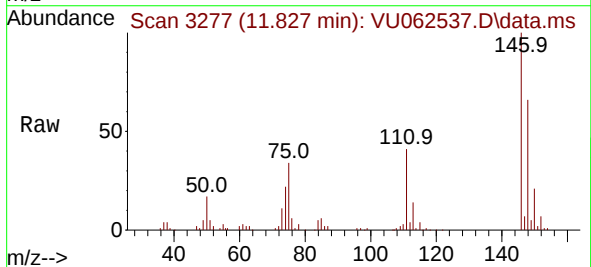
Instrument :
MSVOA_U
ClientSampleId :

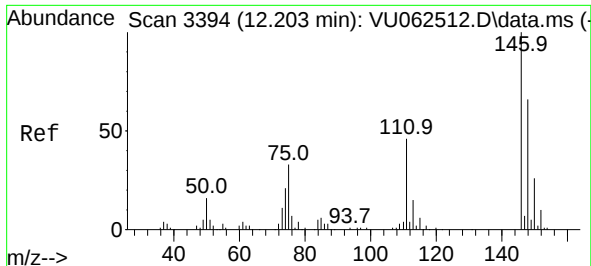
Tgt Ion:146 Resp: 77009
Ion Ratio Lower Upper
146 100
111 42.2 30.7 57.1
148 62.8 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.612 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion:146 Resp: 72909
Ion Ratio Lower Upper
146 100
111 41.0 29.3 54.3
148 65.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.781 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

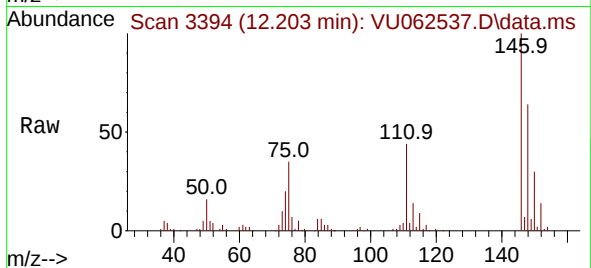
Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

ClientSampleId :



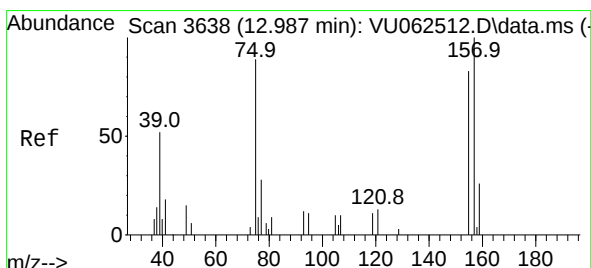
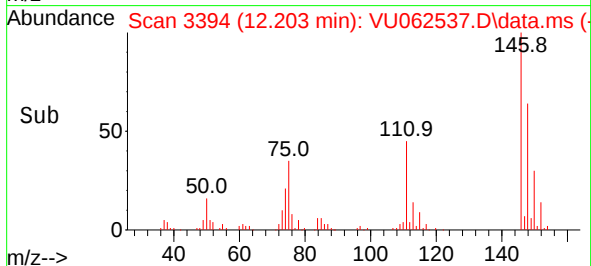
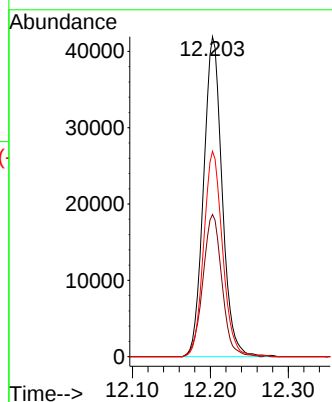
Tgt Ion:146 Resp: 69360

Ion Ratio Lower Upper

146 100

111 44.4 36.0 54.0

148 64.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.000 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

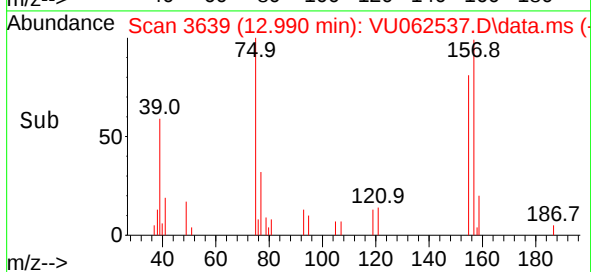
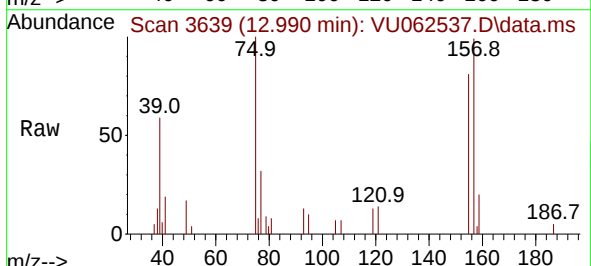
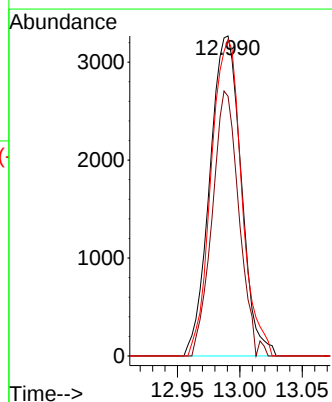
Tgt Ion: 75 Resp: 5726

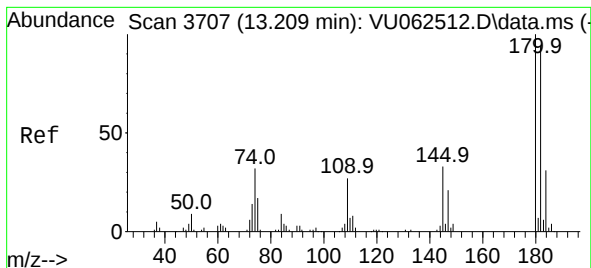
Ion Ratio Lower Upper

75 100

155 81.2 55.2 82.8

157 98.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.761 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

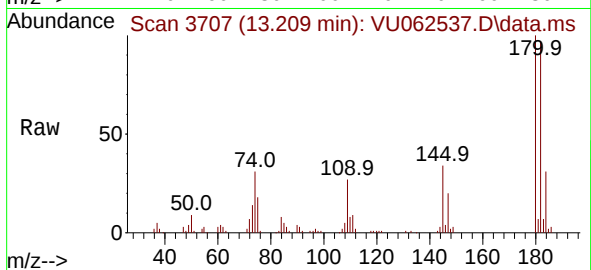
Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 55559

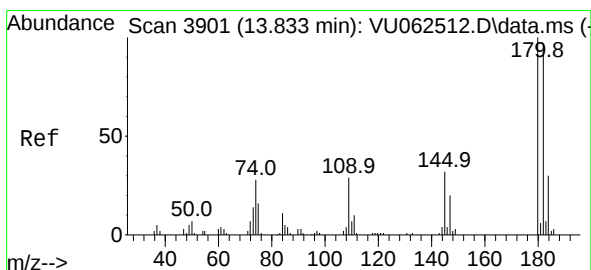
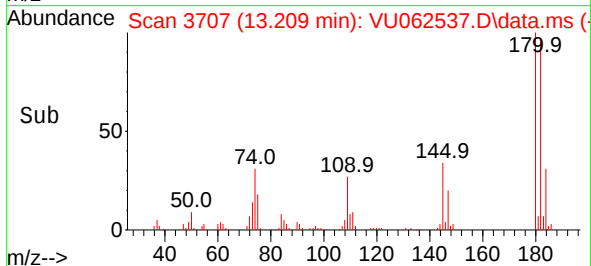
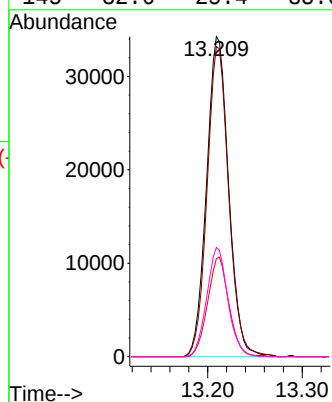
Ion Ratio Lower Upper

180 100

182 94.8 76.7 115.1

184 30.1 24.8 37.2

145 32.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.671 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062537.D

Acq: 20 Dec 2024 20:21

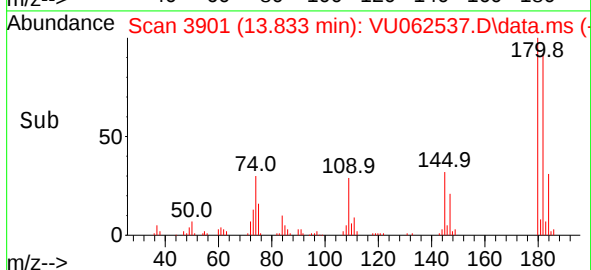
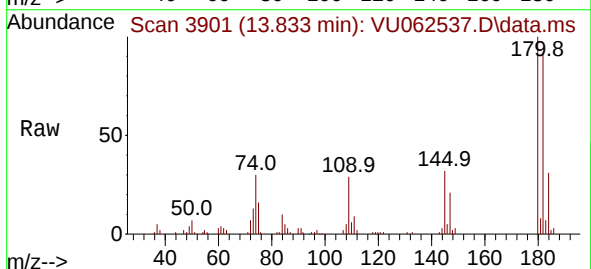
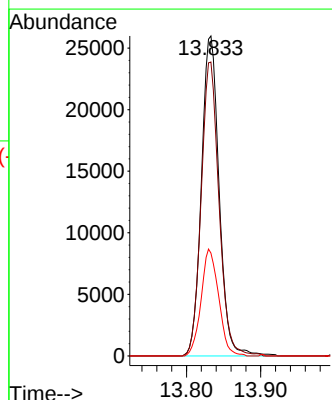
Tgt Ion:180 Resp: 43034

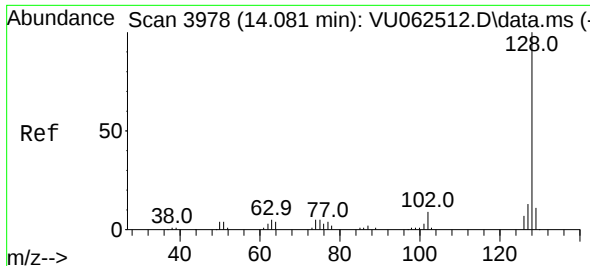
Ion Ratio Lower Upper

180 100

182 92.3 74.5 111.7

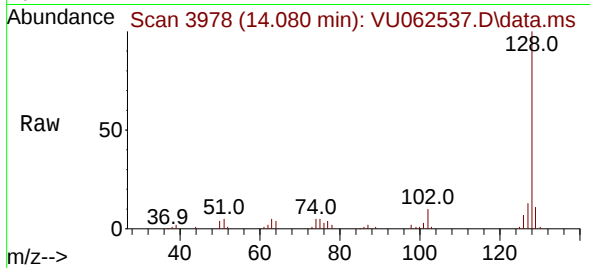
145 33.0 25.6 38.4



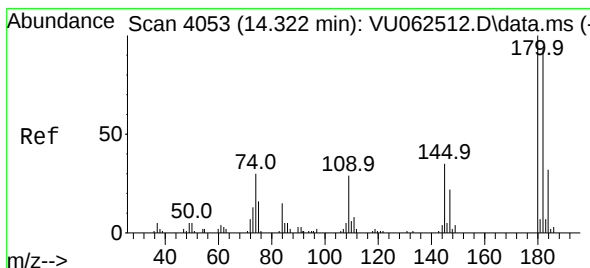
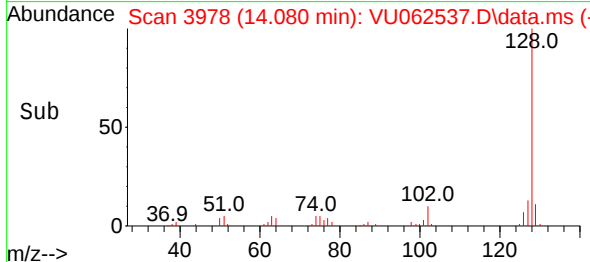
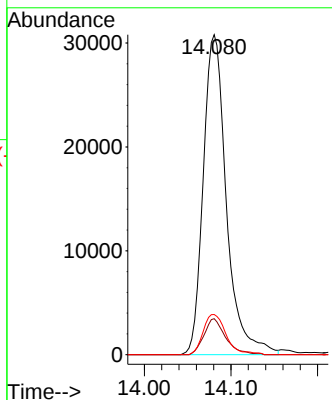


#71
Naphthalene
Concen: 4.145 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 57350
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.480 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062537.D
Acq: 20 Dec 2024 20:21

Tgt Ion:180 Resp: 36400
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
145 34.8 27.4 41.0

