

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062329.D
 Acq On : 13 Dec 2024 23:05
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 04:46:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	86075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	41964	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17304	2.980	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.911	69	15511	3.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.560	65	8805	3.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	4.631	46	55303	49.703	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.400%
24) Chloroform-d	5.052	84	53253	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.692	65	27329	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.718	84	83968	3.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	6.679	67	25870	3.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.888	98	74952	3.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	8.174	79	10744	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.624	63	43656	49.120	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24328	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	30716	3.972	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	42076	5.218	ug/L	97
3) Chloromethane	1.518	50	35014	5.540	ug/L	100
5) Vinyl chloride	1.602	62	36034	5.476	ug/L #	38
6) Bromomethane	1.856	94	23311	5.315	ug/L	92
8) Chloroethane	1.930	64	21699	5.888	ug/L	90
9) Trichlorofluoromethane	2.133	101	62347	5.459	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	30175	4.854	ug/L	91
12) 1,1-Dichloroethene	2.573	96	30515	5.251	ug/L	94
13) Acetone	2.653	43	45103	59.534	ug/L	95
14) Carbon disulfide	2.789	76	89644	4.878	ug/L	98
15) Methyl Acetate	2.959	43	10079	5.308	ug/L #	86
16) Methylene chloride	3.039	84	36429	5.971	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	84382	5.828	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	32156	5.385	ug/L	91
19) 1,1-Dichloroethane	3.859	63	62750	5.733	ug/L	99
21) 2-Butanone	4.708	43	66278	60.241	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	37591	5.616	ug/L	90
23) Bromochloromethane	4.965	128	17668	6.022	ug/L #	83
25) Chloroform	5.078	83	72595	5.888	ug/L	100

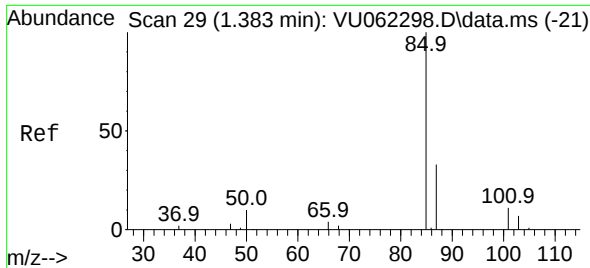
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	43470	5.548	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	64793	5.671	ug/L	95
30) Cyclohexane	5.377	56	40327	4.353	ug/L	95
31) Carbon tetrachloride	5.515	117	55053	5.255	ug/L	98
33) Benzene	5.763	78	137360	5.458	ug/L	100
34) Trichloroethene	6.534	95	38233	5.363	ug/L	96
35) Methylcyclohexane	6.753	83	44768	4.235	ug/L	96
37) 1,2-Dichloropropane	6.779	63	34899	5.694	ug/L	99
38) Bromodichloromethane	7.094	83	50529	5.843	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	53088	5.404	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	172169	59.936	ug/L #	93
42) Toluene	7.959	91	148222	5.462	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	44812	5.586	ug/L	96
45) 1,1,2-Trichloroethane	8.390	97	26977	5.830	ug/L	97
47) Tetrachloroethene	8.544	164	27963	5.080	ug/L	94
48) 2-Hexanone	8.676	43	121686	57.321	ug/L #	94
49) Dibromochloromethane	8.798	129	34186	6.115	ug/L	95
50) 1,2-Dibromoethane	8.914	107	26832	6.035	ug/L	96
51) Chlorobenzene	9.438	112	93100	5.354	ug/L	98
52) Ethylbenzene	9.560	91	155877	5.123	ug/L	97
53) m,p-Xylene	9.685	106	59343	5.282	ug/L	98
54) o-Xylene	10.090	106	58893	5.390	ug/L	95
55) Styrene	10.107	104	97731	5.426	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	32367	6.011	ug/L #	98
59) Bromoform	10.280	173	20075	6.087	ug/L	100
60) Isopropylbenzene	10.473	105	153928	5.078	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23392	6.028	ug/L	95
62) 1,3,5-Trimethylbenzene	11.078	105	129957	5.066	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	129085	5.136	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	73796	5.299	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	72749	5.188	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	70327	5.465	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.987	75	5065	5.984	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	54549	5.270	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	41657	5.097	ug/L	99
71) Naphthalene	14.081	128	56668	4.618	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	36254	5.030	ug/L	100

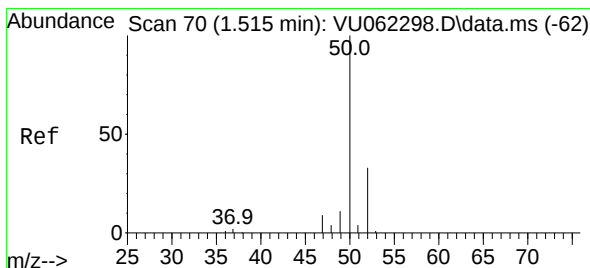
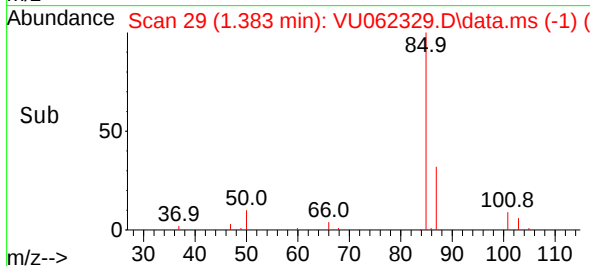
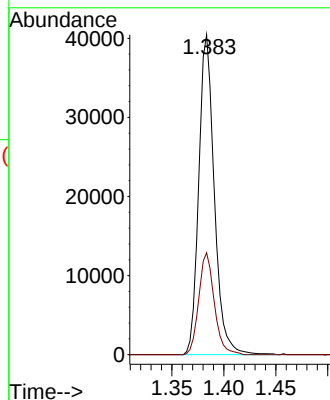
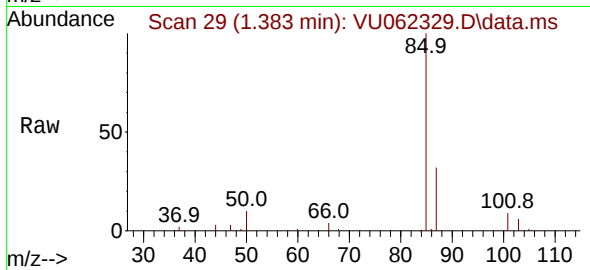
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#2
 Dichlorodifluoromethane
 Concen: 5.218 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU062329.D
 Acq: 13 Dec 2024 23:05

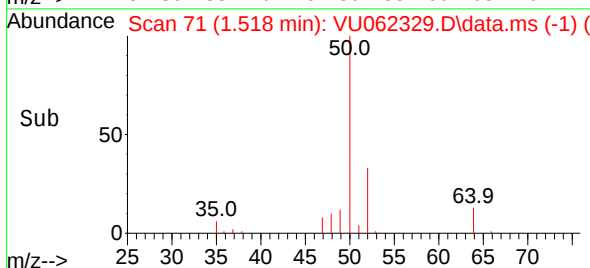
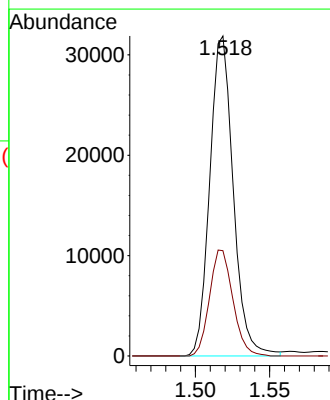
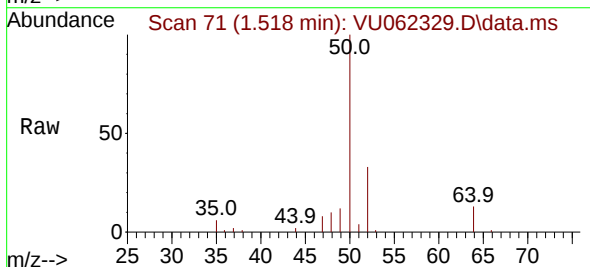
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 MSVOA_U
 ClientSampleId :

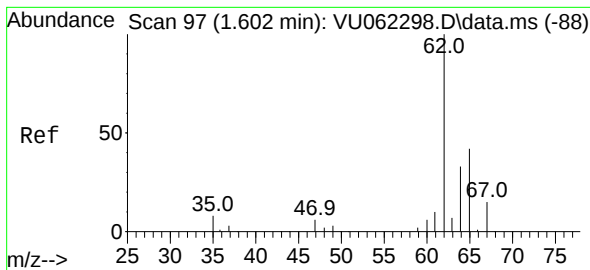
Tgt Ion: 85 Resp: 42076
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 40.0



#3
 Chloromethane
 Concen: 5.540 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062329.D
 Acq: 13 Dec 2024 23:05

Tgt Ion: 50 Resp: 35014
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9





#5

Vinyl chloride

Concen: 5.476 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

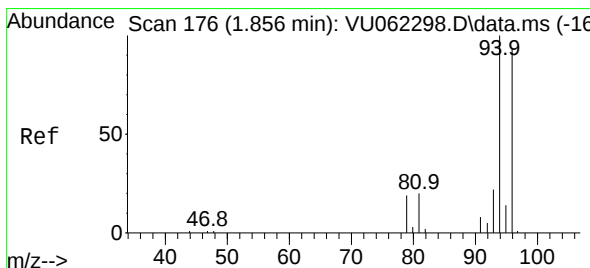
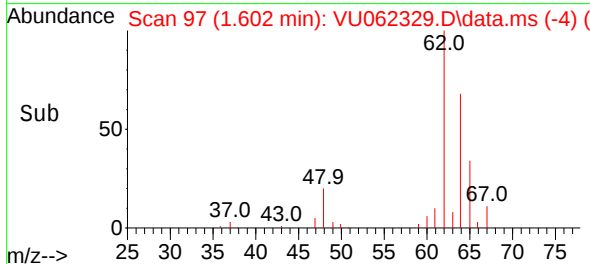
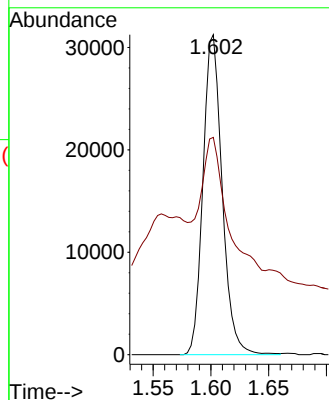
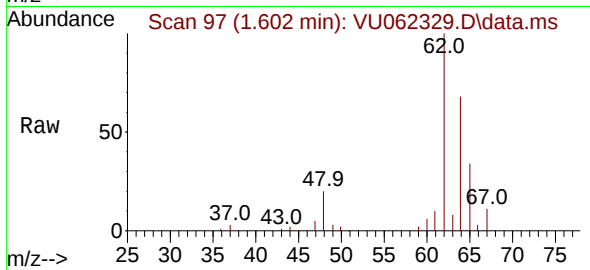
ClientSampleId :

Tgt Ion: 62 Resp: 36034

Ion Ratio Lower Upper

62 100

64 67.9 23.1 42.9#



#6

Bromomethane

Concen: 5.315 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU062329.D

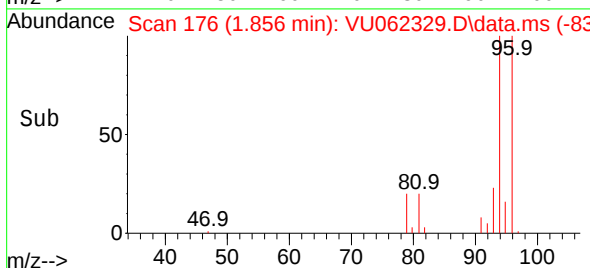
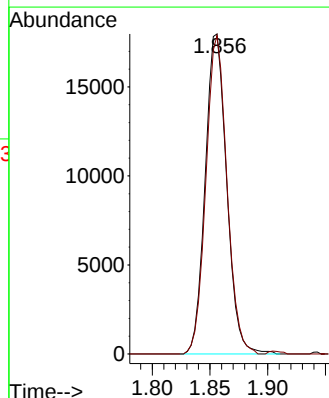
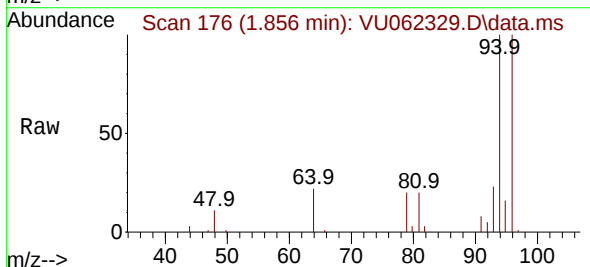
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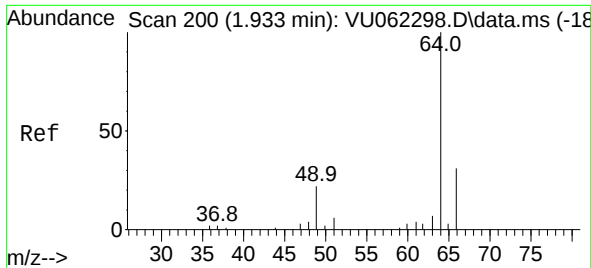
Tgt Ion: 94 Resp: 23311

Ion Ratio Lower Upper

94 100

96 99.5 64.5 119.9

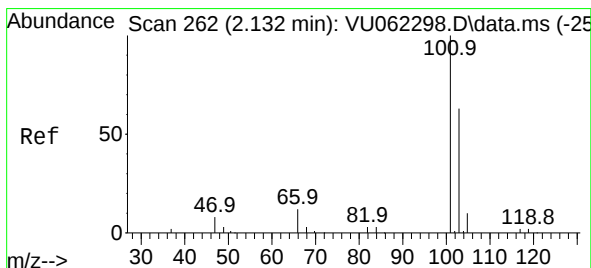
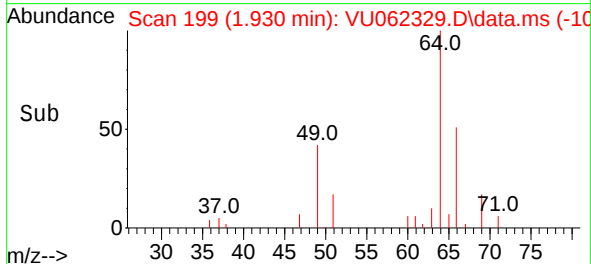
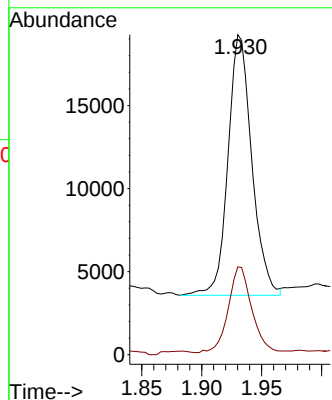
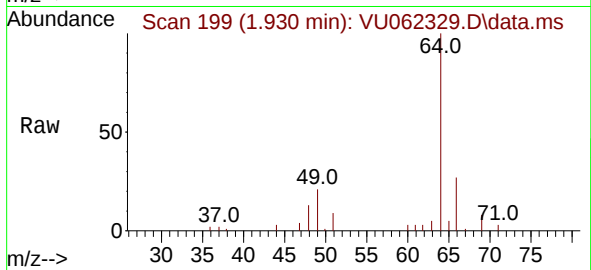




#8
Chloroethane
Concen: 5.888 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

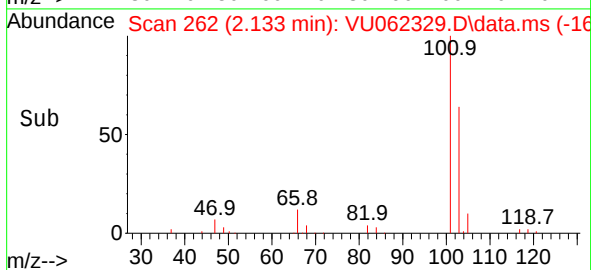
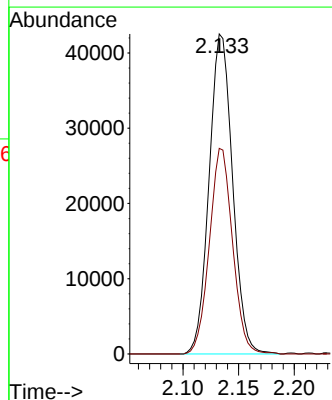
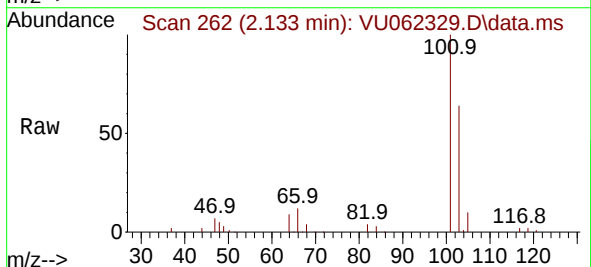
Instrument :
MSVOA_U
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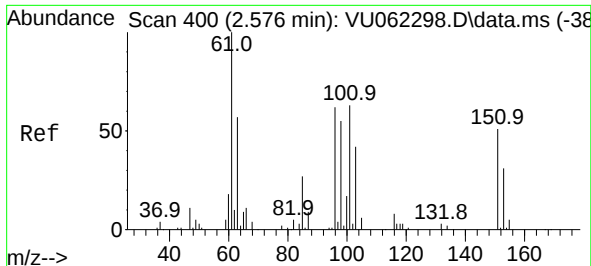
Tgt Ion: 64 Resp: 21699
Ion Ratio Lower Upper
64 100
66 27.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.459 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion:101 Resp: 62347
Ion Ratio Lower Upper
101 100
103 63.5 50.6 75.8

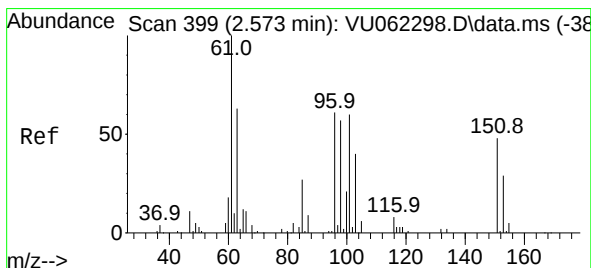
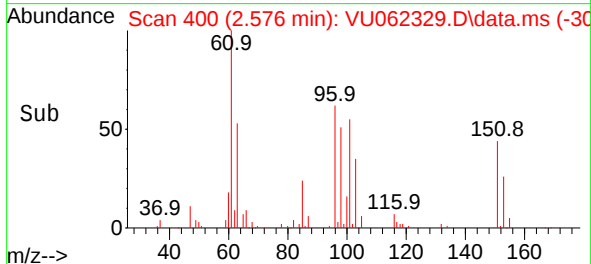
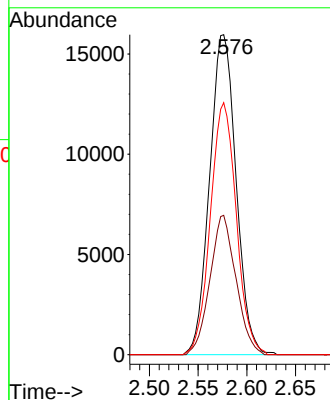
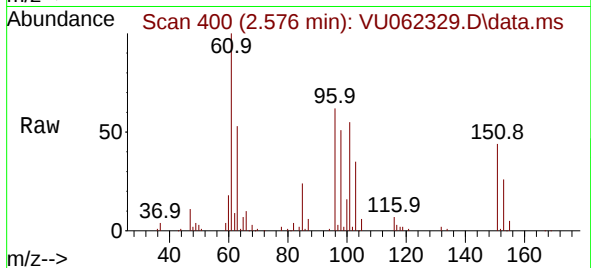




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.854 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

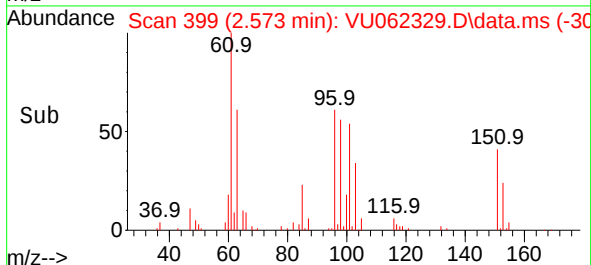
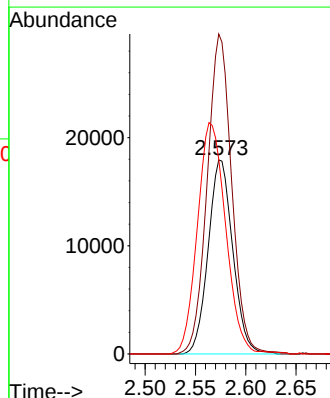
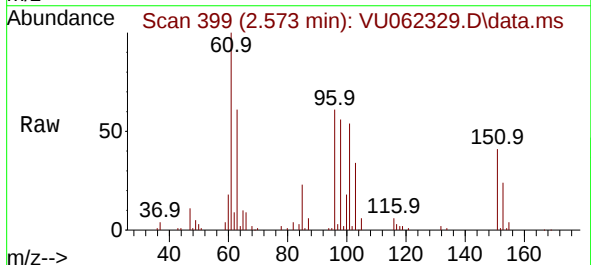
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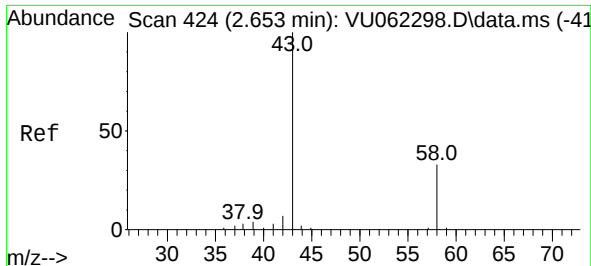
Tgt Ion:101 Resp: 30175
Ion Ratio Lower Upper
101 100
85 42.8 38.0 57.0
151 77.2 55.3 82.9



#12
1,1-Dichloroethene
Concen: 5.251 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion: 96 Resp: 30515
Ion Ratio Lower Upper
96 100
61 164.9 119.6 222.2
63 100.4 65.0 120.6





#13

Acetone

Concen: 59.534 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

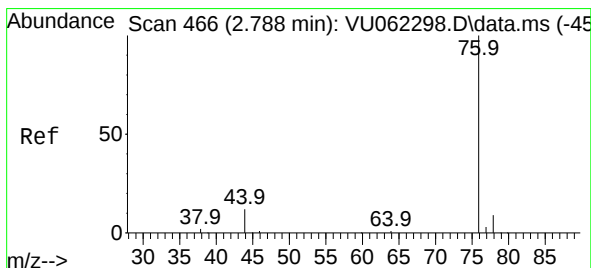
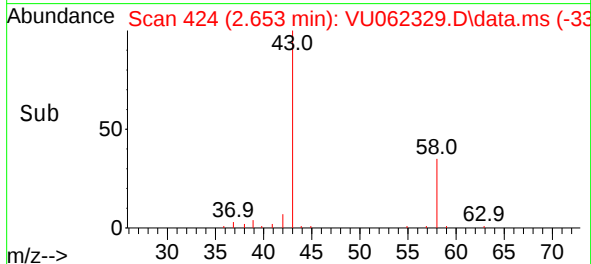
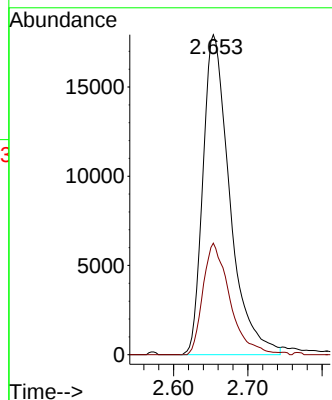
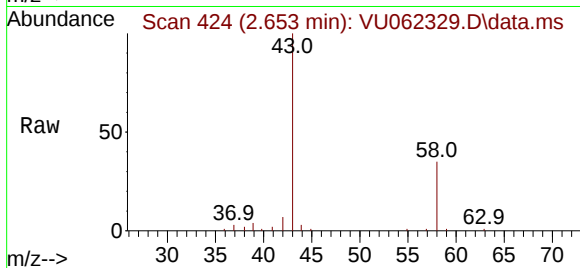
ClientSampleId :

Tgt Ion: 43 Resp: 45103

Ion Ratio Lower Upper

43 100

58 34.9 0.0 64.0



#14

Carbon disulfide

Concen: 4.878 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU062329.D

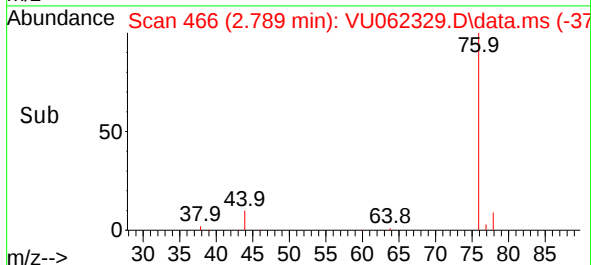
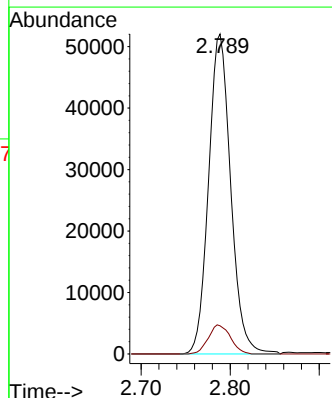
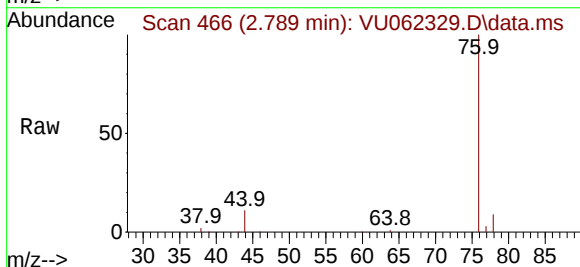
Acq: 13 Dec 2024 23:05

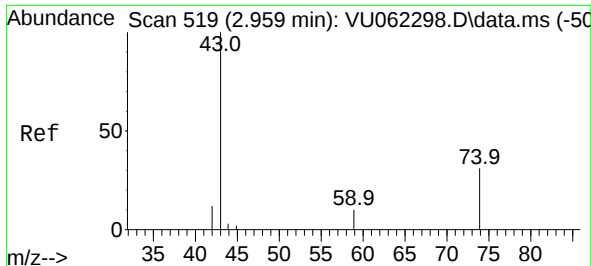
Tgt Ion: 76 Resp: 89644

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#15

Methyl Acetate

Concen: 5.308 ug/L

RT: 2.959 min Scan# 519

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

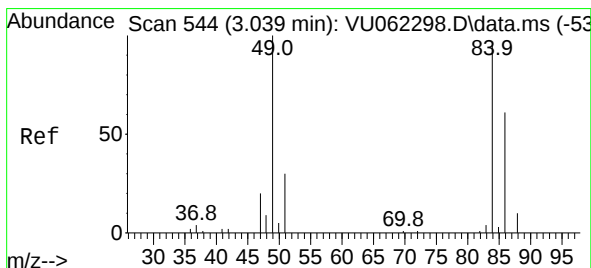
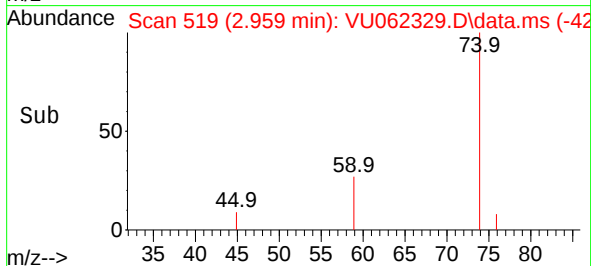
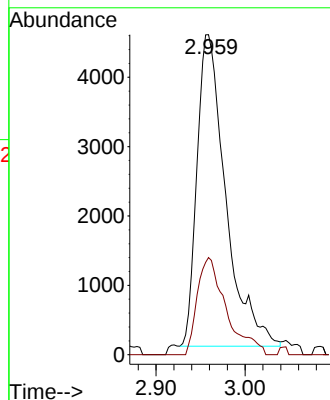
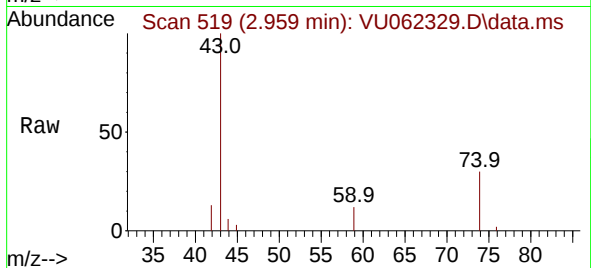
ClientSampleId :

Tgt Ion: 43 Resp: 10079

Ion Ratio Lower Upper

43 100

74 31.4 19.4 29.2#



#16

Methylene chloride

Concen: 5.971 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

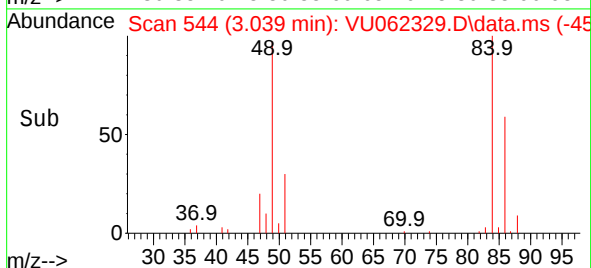
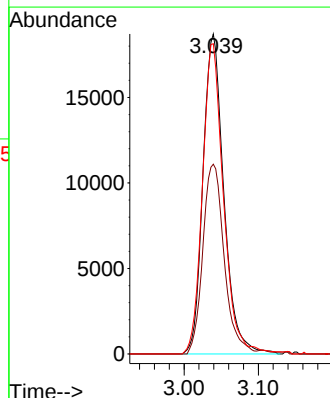
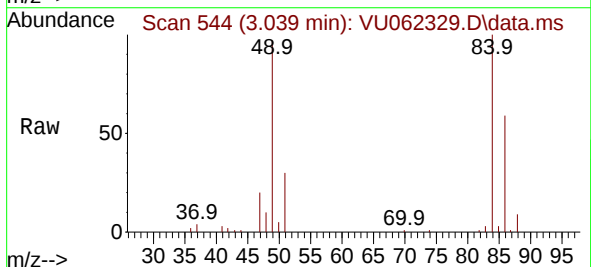
Tgt Ion: 84 Resp: 36429

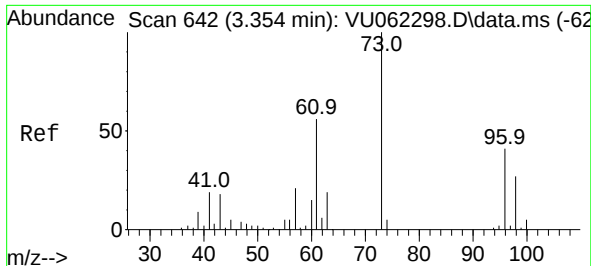
Ion Ratio Lower Upper

84 100

86 59.3 43.5 80.7

49 97.0 81.9 152.1





#17

Methyl tert-butyl Ether

Concen: 5.828 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

ClientSampleId :

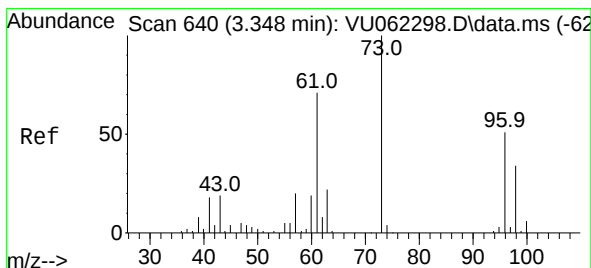
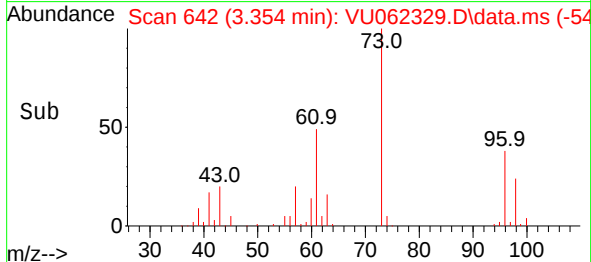
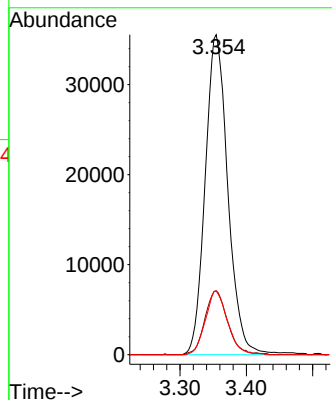
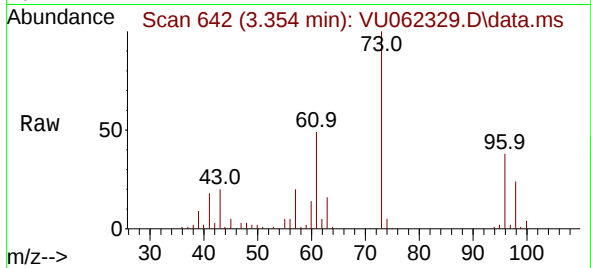
Tgt Ion: 73 Resp: 84382

Ion Ratio Lower Upper

73 100

43 20.1 16.3 24.5

57 19.4 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 5.385 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

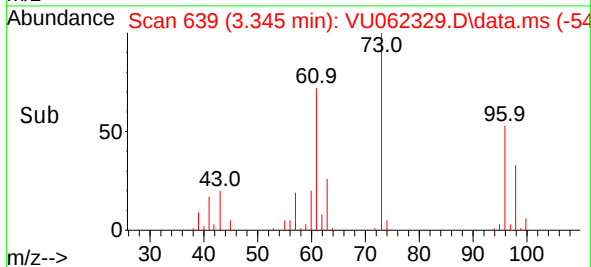
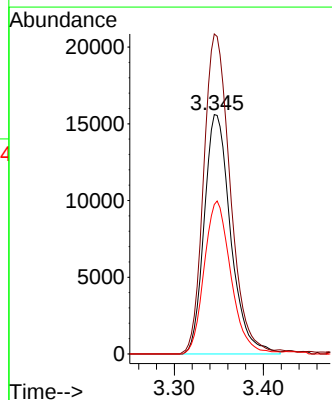
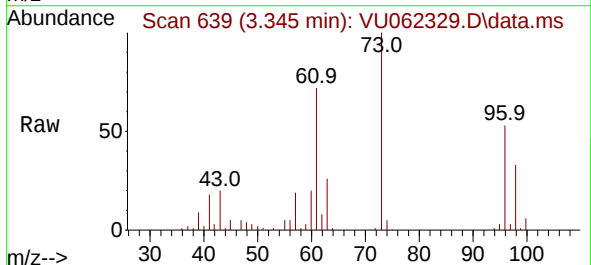
Tgt Ion: 96 Resp: 32156

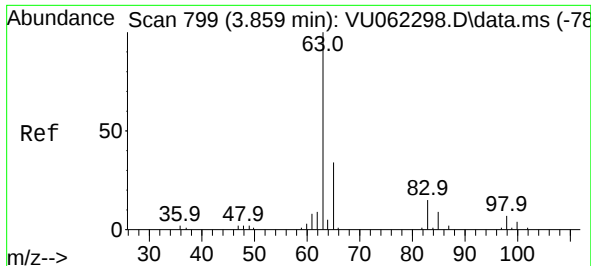
Ion Ratio Lower Upper

96 100

61 133.7 104.2 193.4

98 62.4 45.7 84.9

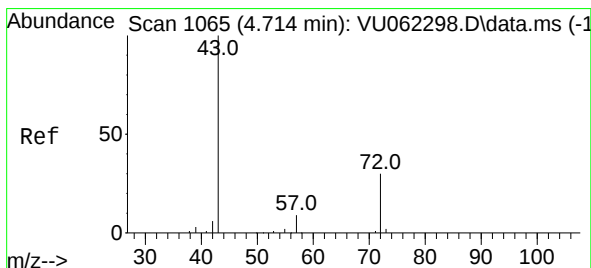
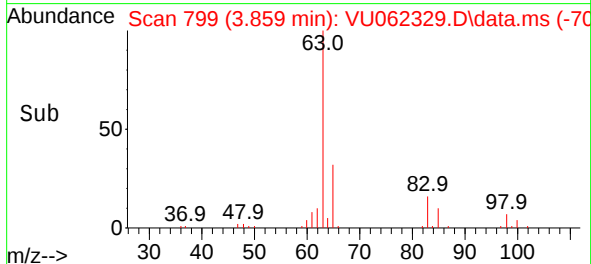
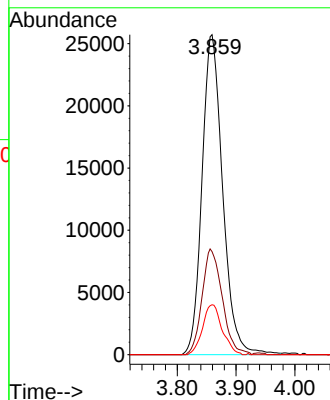
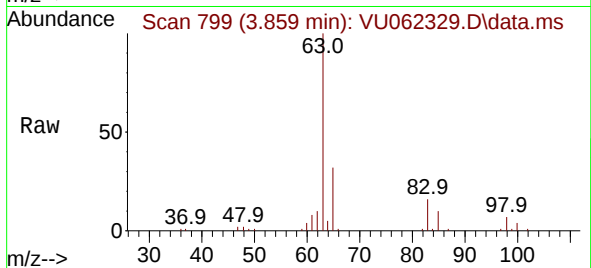




#19
1,1-Dichloroethane
Concen: 5.733 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

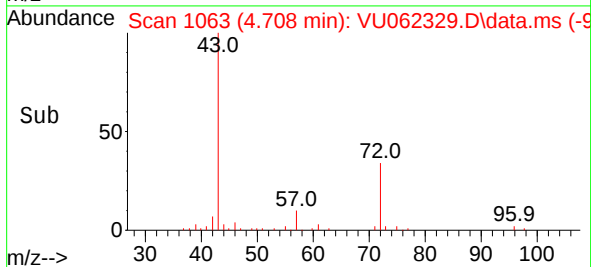
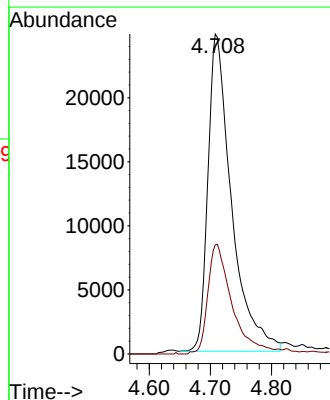
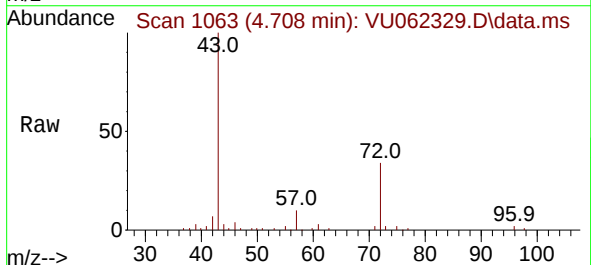
Instrument :
MSVOA_U
ClientSampleId :

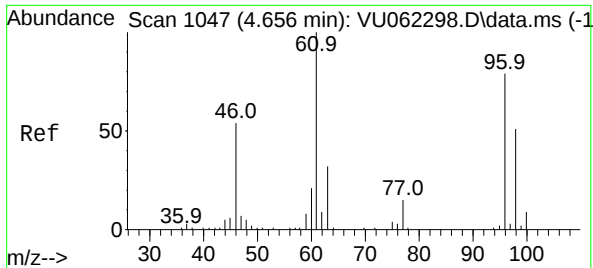
Tgt Ion: 63 Resp: 62750
Ion Ratio Lower Upper
63 100
65 32.2 22.7 42.3
83 15.6 9.9 18.3



#21
2-Butanone
Concen: 60.241 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion: 43 Resp: 66278
Ion Ratio Lower Upper
43 100
72 35.3 14.8 44.4

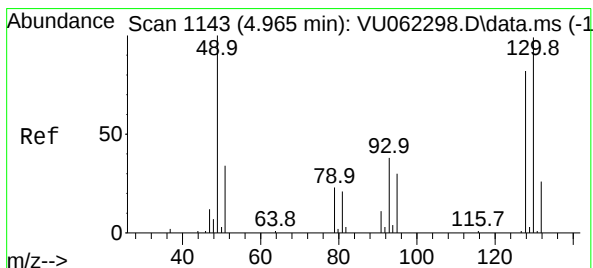
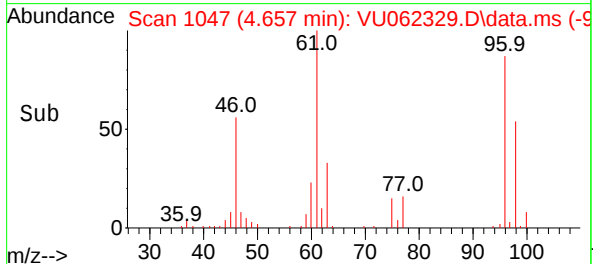
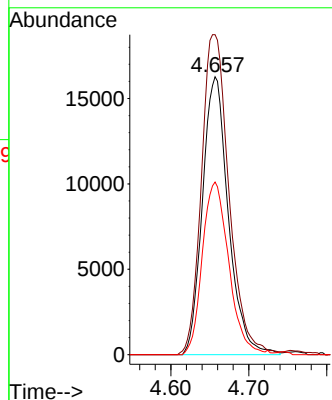
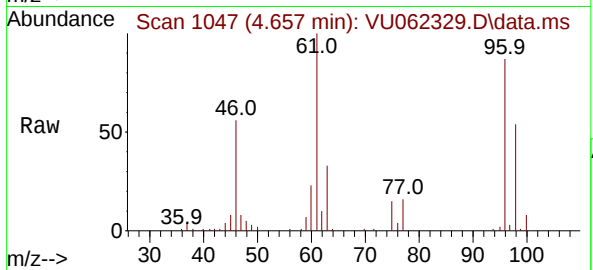




#22
cis-1,2-Dichloroethene
Concen: 5.616 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

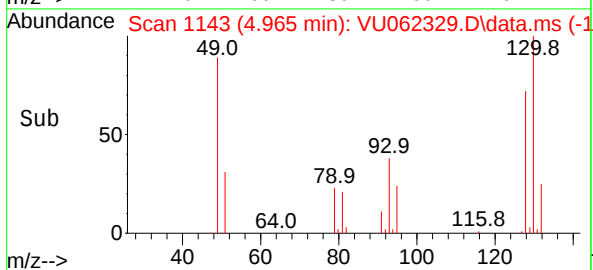
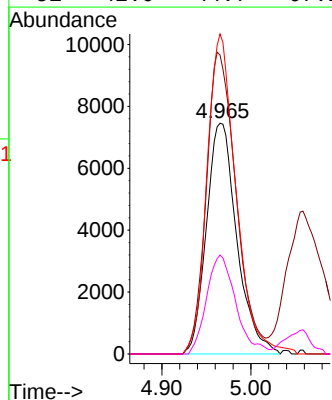
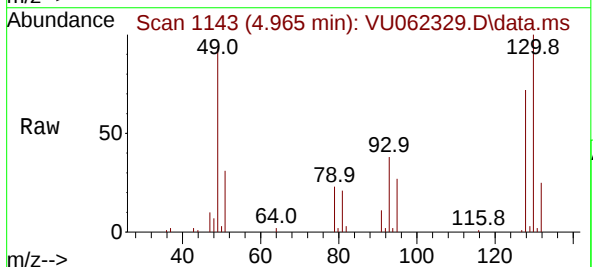
Instrument :
MSVOA_U
ClientSampleId :

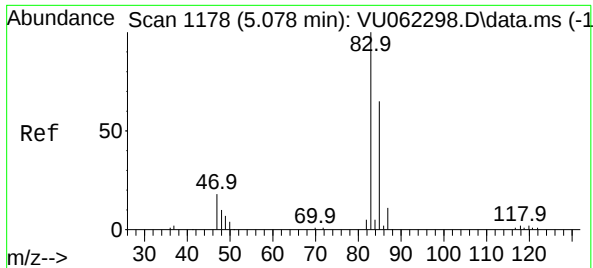
Tgt Ion: 96 Resp: 37591
Ion Ratio Lower Upper
96 100
61 115.1 92.0 170.8
98 62.1 44.5 82.7



#23
Bromochloromethane
Concen: 6.022 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion:128 Resp: 17668
Ion Ratio Lower Upper
128 100
49 129.5 115.3 214.1
130 138.7 92.0 170.8
51 42.9 44.7 67.1#

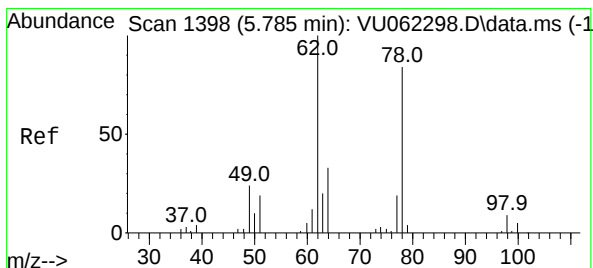
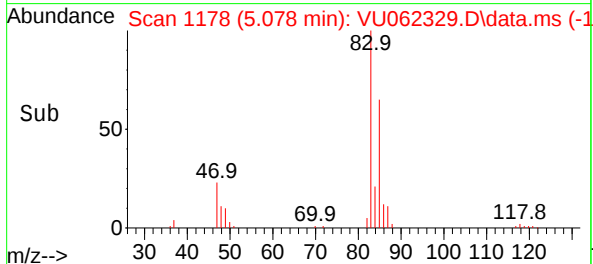
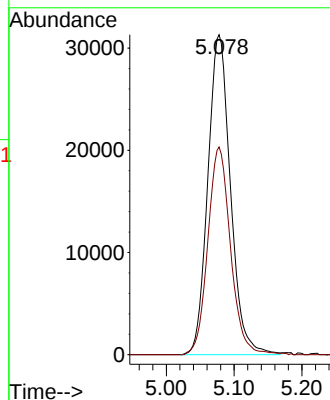
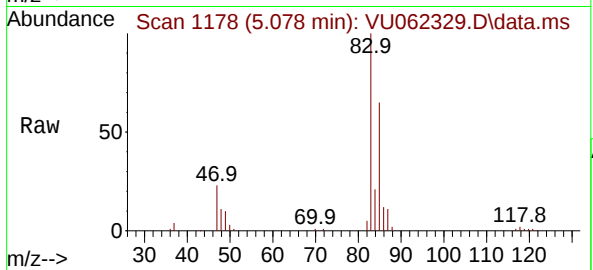




#25
Chloroform
Concen: 5.888 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

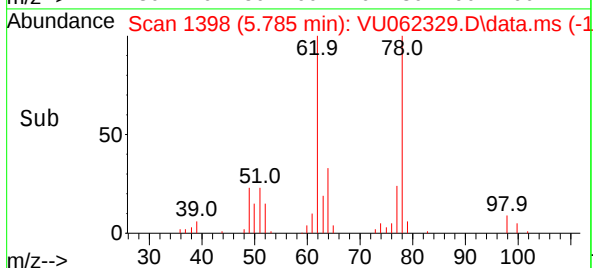
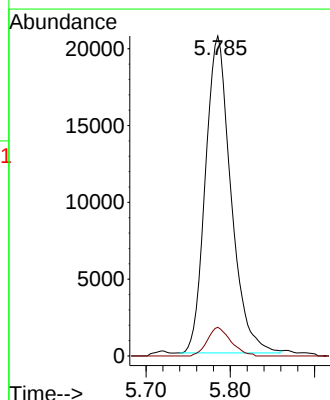
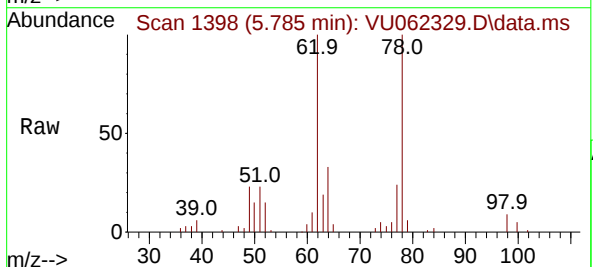
Instrument :
MSVOA_U
ClientSampleId :

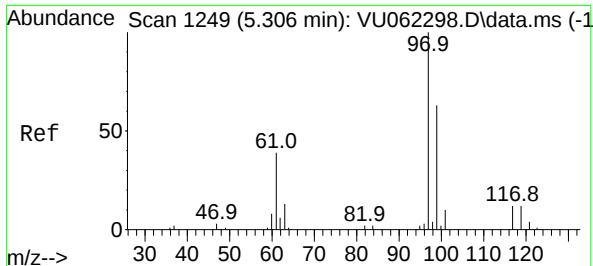
Tgt Ion: 83 Resp: 72595
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.548 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion: 62 Resp: 43470
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0

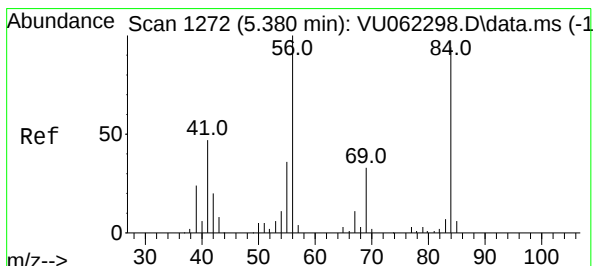
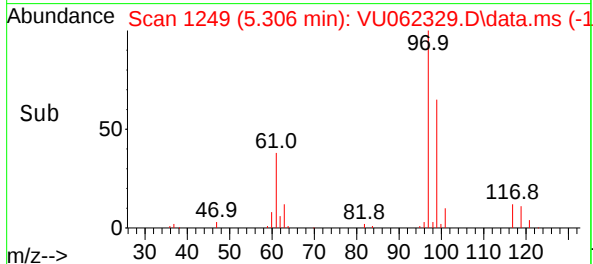
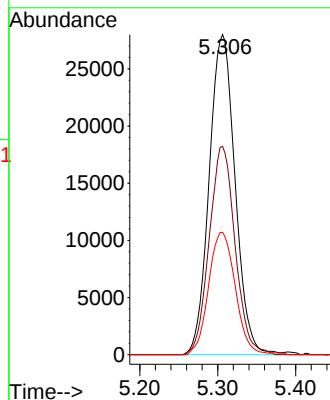
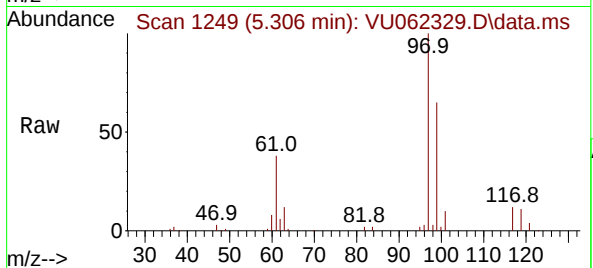




#29
1,1,1-Trichloroethane
Concen: 5.671 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

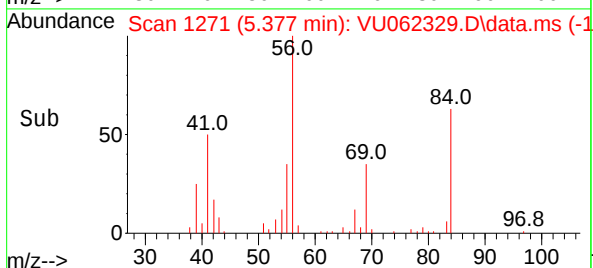
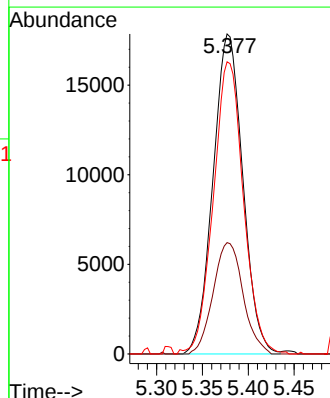
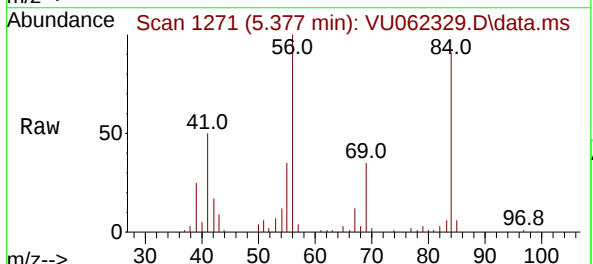
Instrument :
MSVOA_U
ClientSampleId :

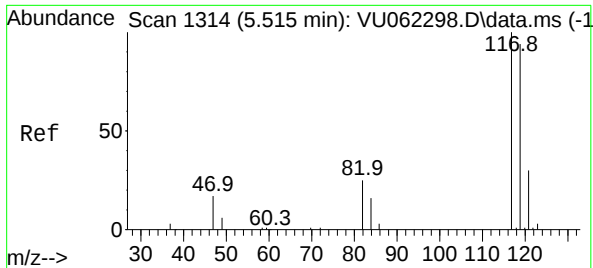
Tgt Ion: 97	Resp: 64793
Ion Ratio	Lower Upper
97 100	
99 64.8	51.4 77.2
61 39.3	37.8 56.6



#30
Cyclohexane
Concen: 4.353 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion: 56	Resp: 40327
Ion Ratio	Lower Upper
56 100	
69 34.9	25.1 37.7
84 92.2	70.6 105.8

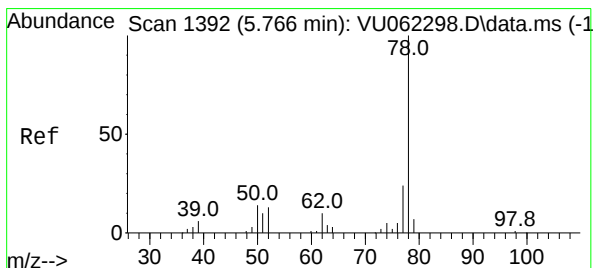
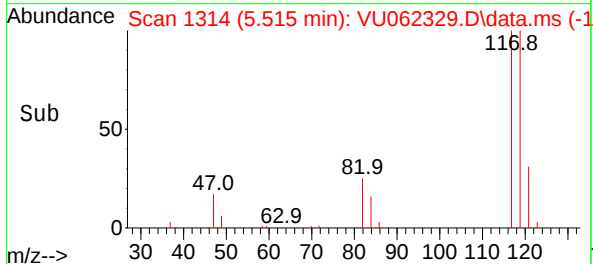
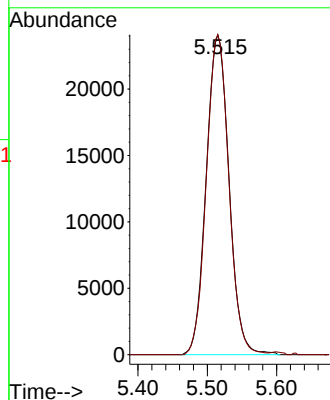
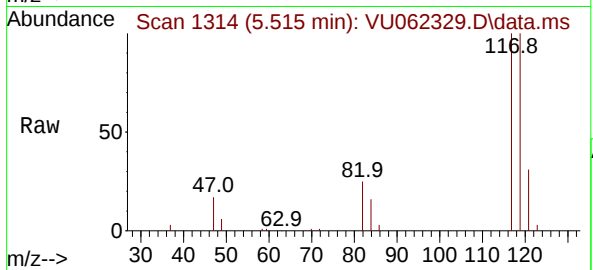




#31
Carbon tetrachloride
Concen: 5.255 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

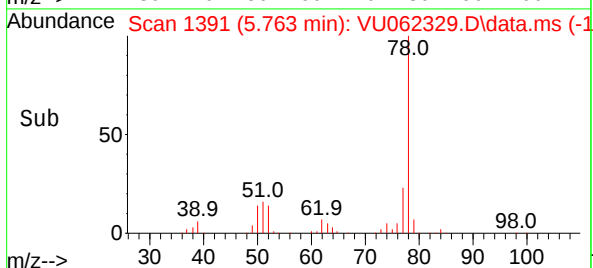
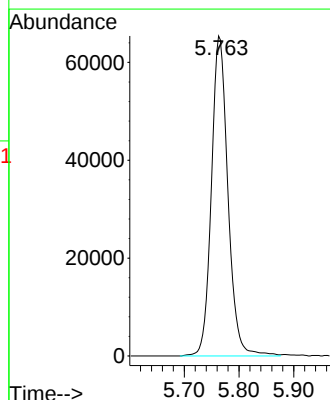
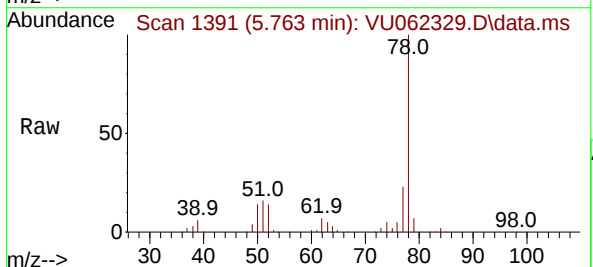
Instrument :
MSVOA_U
ClientSampleId :

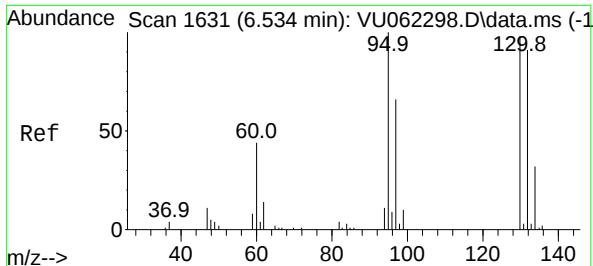
Tgt Ion:117 Resp: 55053
Ion Ratio Lower Upper
117 100
119 98.6 77.5 116.3



#33
Benzene
Concen: 5.458 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion: 78 Resp: 137360





#34

Trichloroethene

Concen: 5.363 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 38233

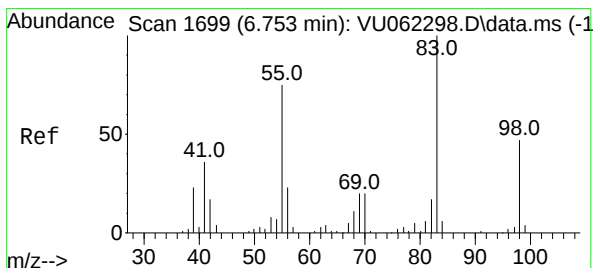
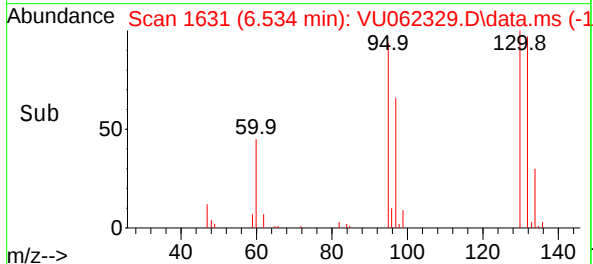
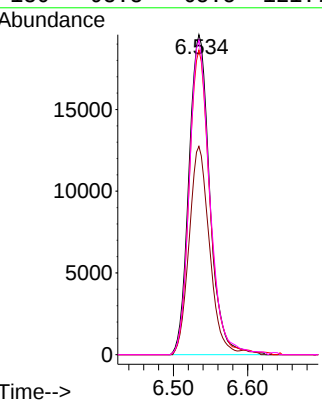
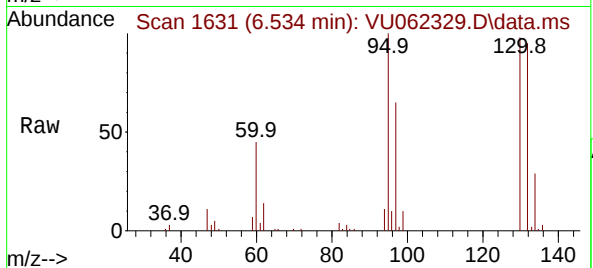
Ion Ratio Lower Upper

95 100

97 65.1 45.9 85.3

132 95.2 63.8 118.4

130 98.3 65.5 121.7



#35

Methylcyclohexane

Concen: 4.235 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

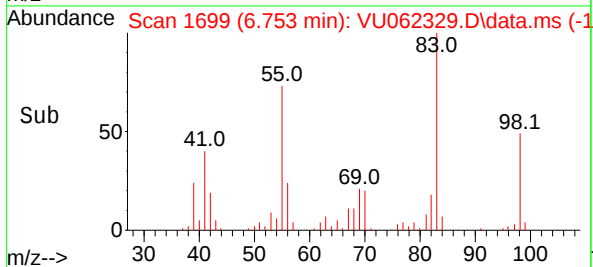
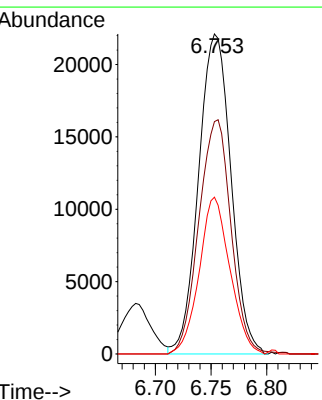
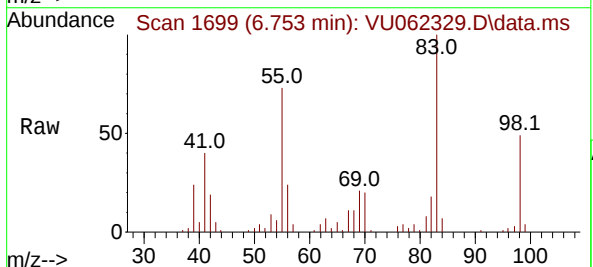
Tgt Ion: 83 Resp: 44768

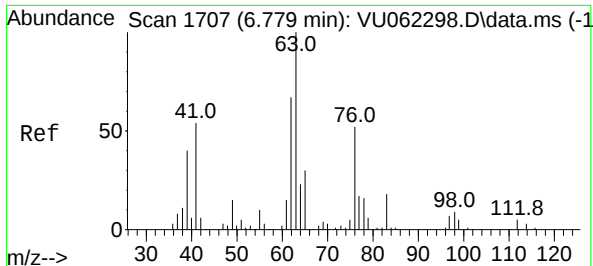
Ion Ratio Lower Upper

83 100

55 72.6 60.7 91.1

98 46.5 34.8 52.2

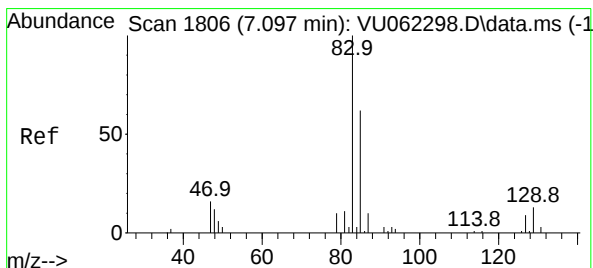
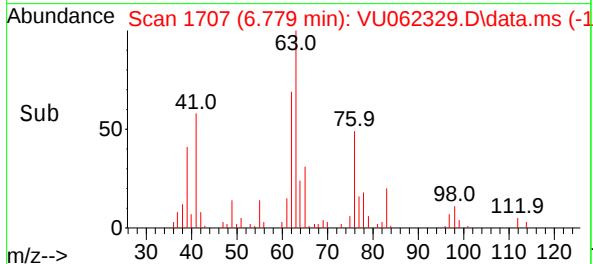
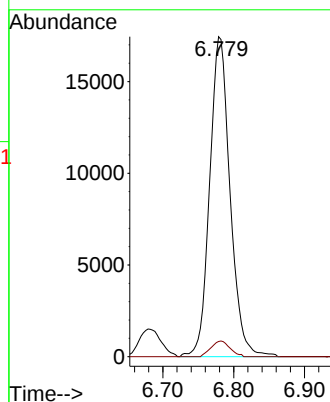
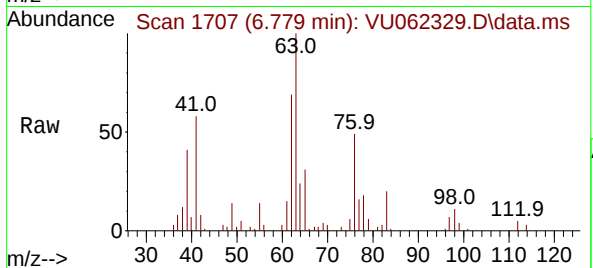




#37
1,2-Dichloropropane
Concen: 5.694 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

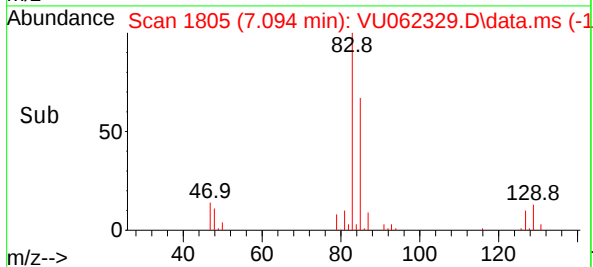
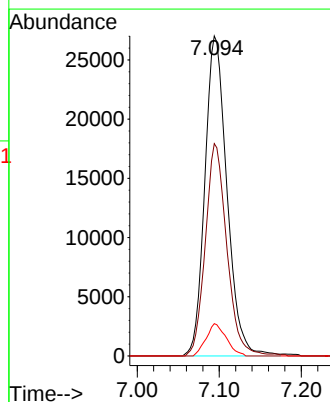
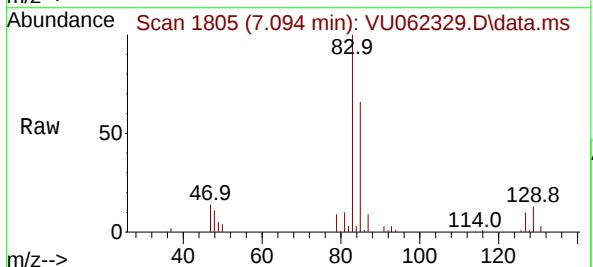
Instrument :
MSVOA_U
ClientSampleId :

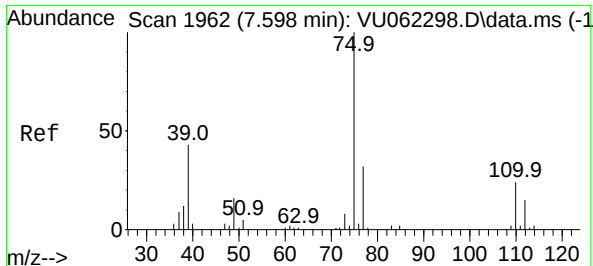
Tgt Ion: 63 Resp: 34899
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.843 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion: 83 Resp: 50529
Ion Ratio Lower Upper
83 100
85 66.4 44.1 81.9
127 10.1 6.9 10.3

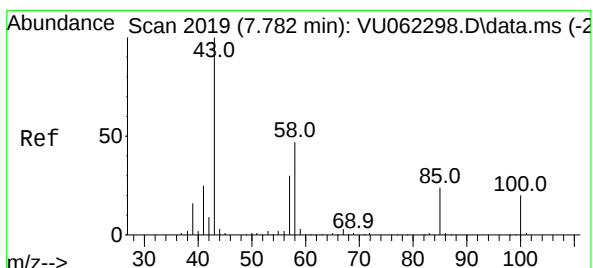
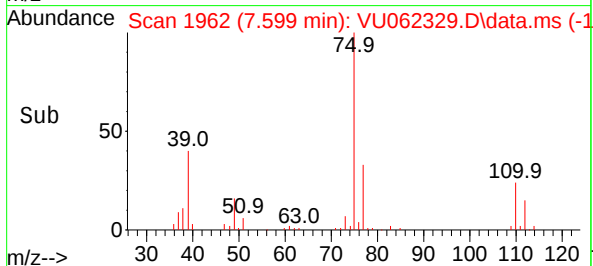
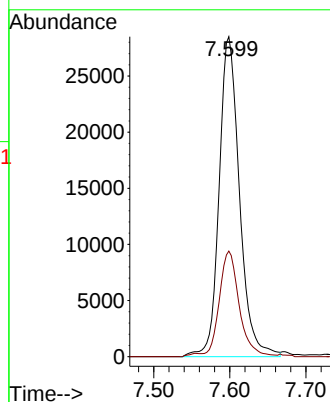
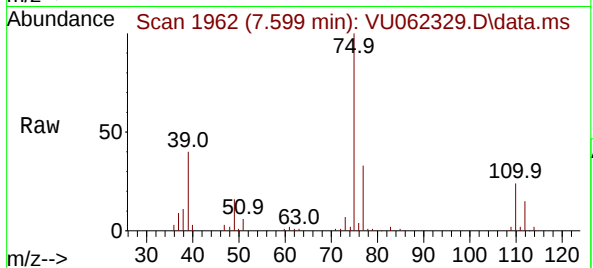




#39
 cis-1,3-Dichloropropene
 Concen: 5.404 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062329.D
 Acq: 13 Dec 2024 23:05

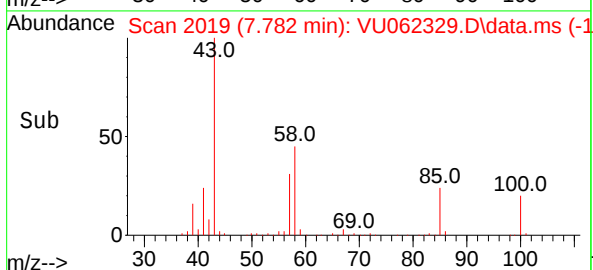
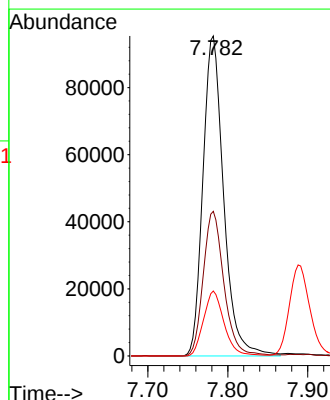
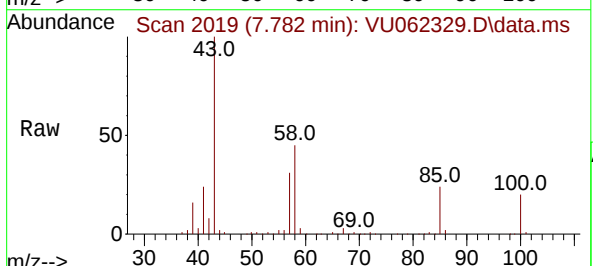
Instrument :
 MSVOA_U
 ClientSampleId :

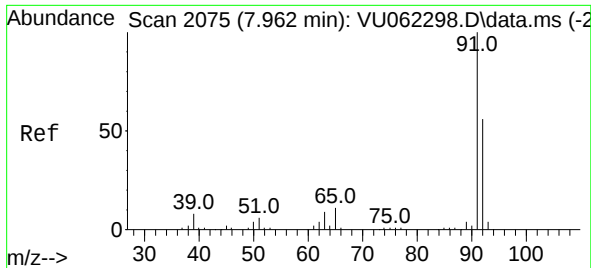
Tgt Ion: 75 Resp: 53088
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 59.936 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062329.D
 Acq: 13 Dec 2024 23:05

Tgt Ion: 43 Resp: 172169
 Ion Ratio Lower Upper
 43 100
 58 45.2 33.3 49.9
 100 20.2 12.4 18.6#





#42

Toluene

Concen: 5.462 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

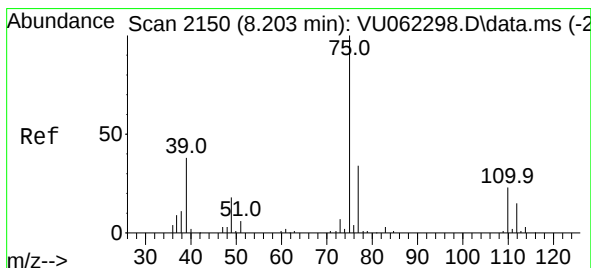
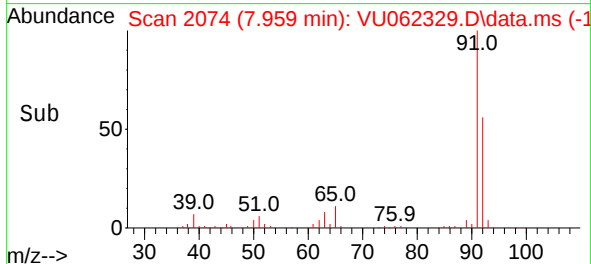
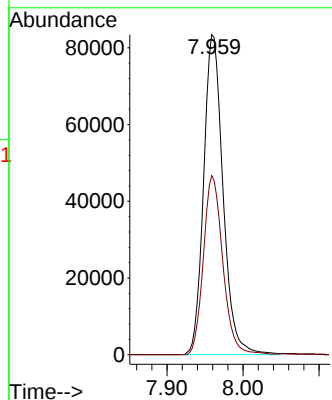
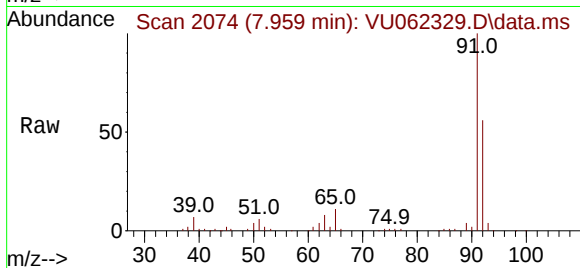
ClientSampleId :

Tgt Ion: 91 Resp: 148222

Ion Ratio Lower Upper

91 100

92 56.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.586 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062329.D

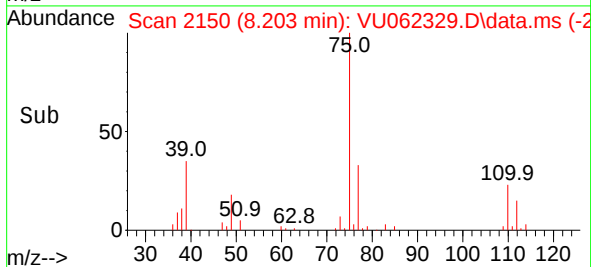
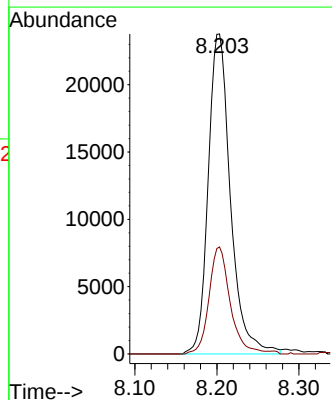
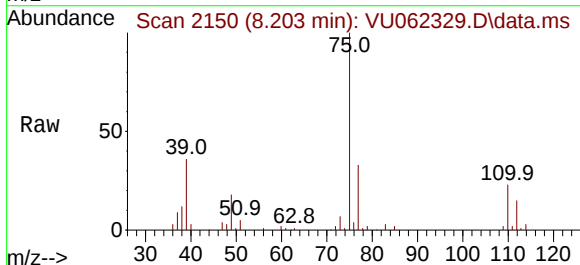
Acq: 13 Dec 2024 23:05

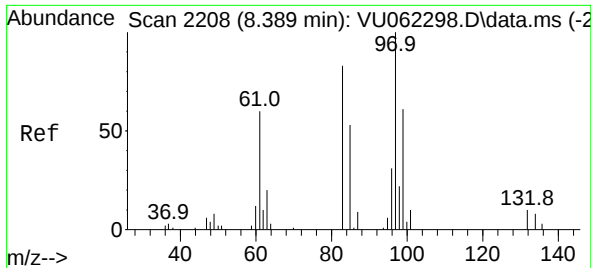
Tgt Ion: 75 Resp: 44812

Ion Ratio Lower Upper

75 100

77 33.4 21.8 40.4



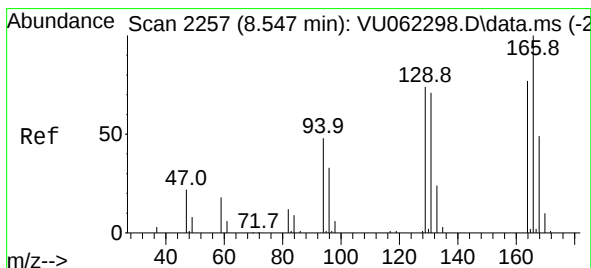
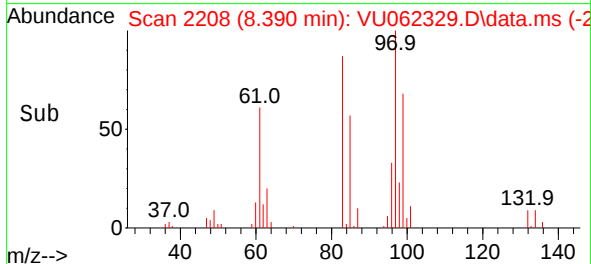
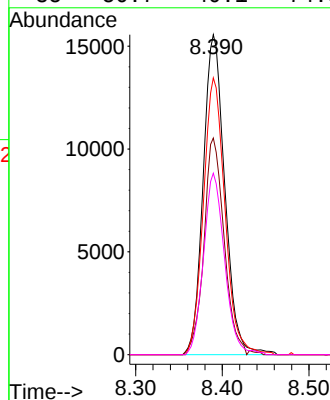
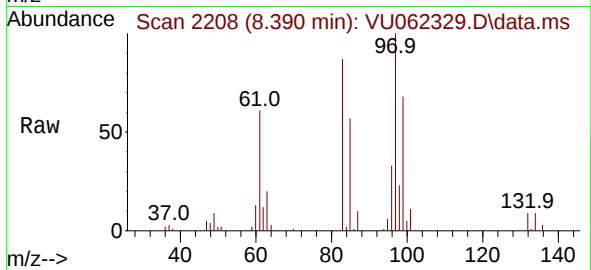


#45
1,1,2-Trichloroethane
Concen: 5.830 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 26977

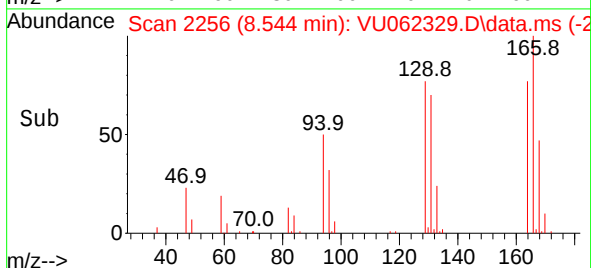
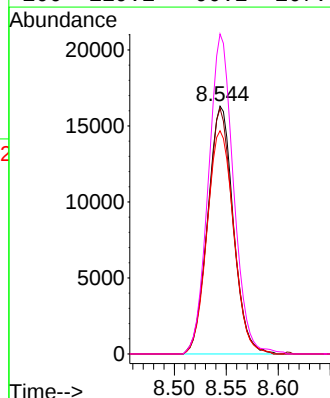
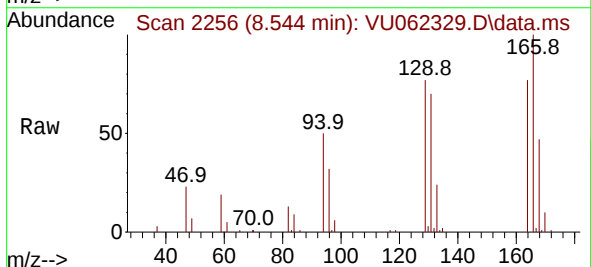
Ion	Ratio	Lower	Upper
97	100		
99	67.7	43.0	79.8
83	86.5	61.7	114.5
85	56.7	40.1	74.5

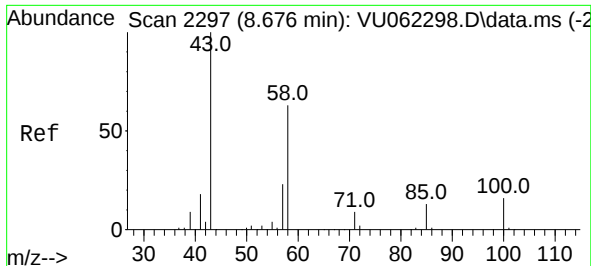


#47
Tetrachloroethene
Concen: 5.080 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion: 164 Resp: 27963

Ion	Ratio	Lower	Upper
164	100		
129	99.1	73.2	136.0
131	90.0	72.3	134.3
166	129.1	90.2	167.4

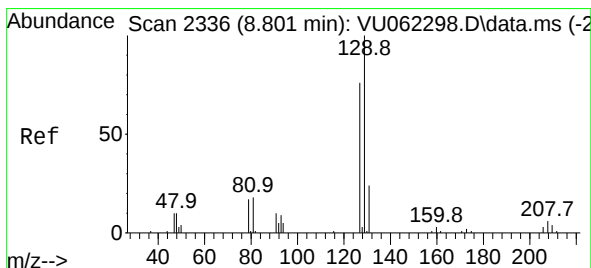
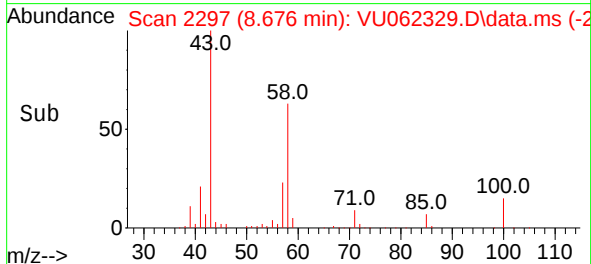
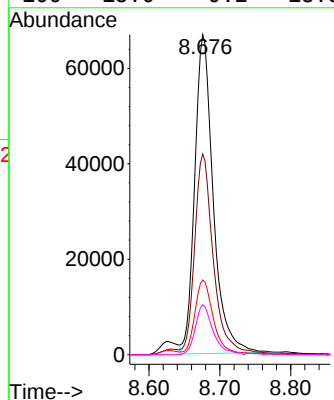
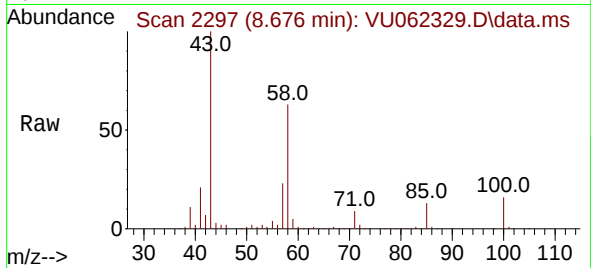




#48
2-Hexanone
Concen: 57.321 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

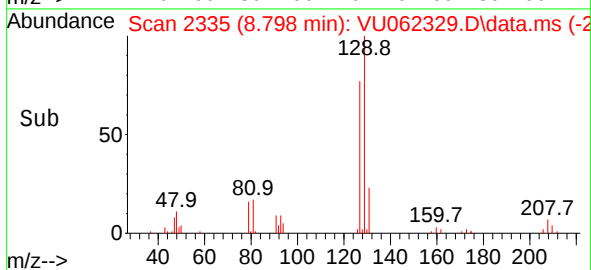
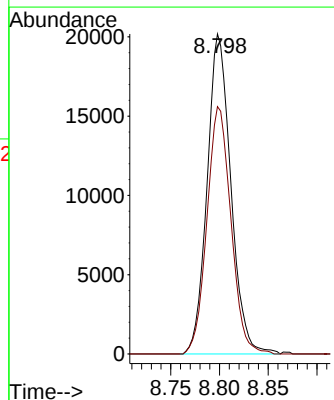
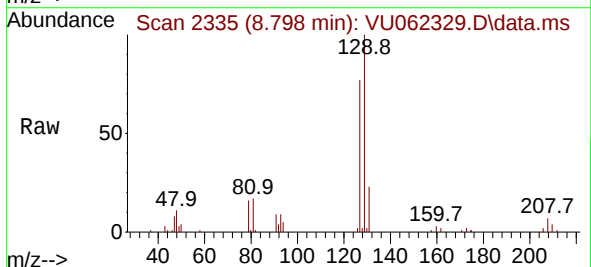
Instrument :
MSVOA_U
ClientSampleId :

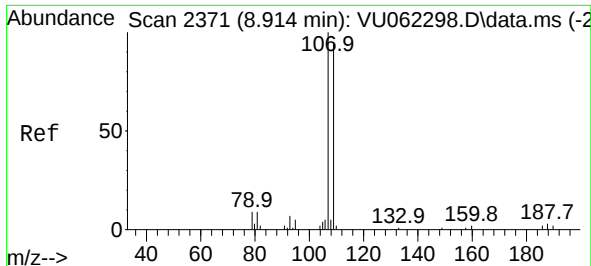
Tgt Ion: 43 Resp: 121686
Ion Ratio Lower Upper
43 100
58 63.3 47.5 71.3
57 23.3 15.6 23.4
100 15.0 9.2 13.8#



#49
Dibromochloromethane
Concen: 6.115 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion:129 Resp: 34186
Ion Ratio Lower Upper
129 100
127 77.3 51.1 94.9

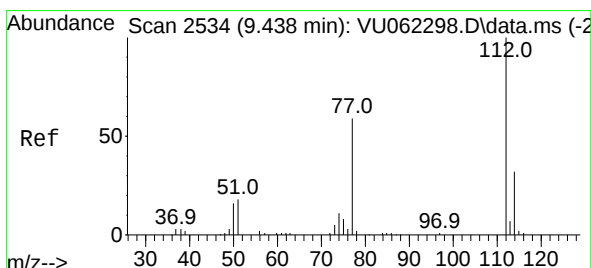
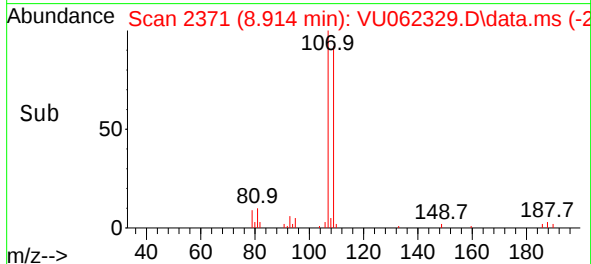
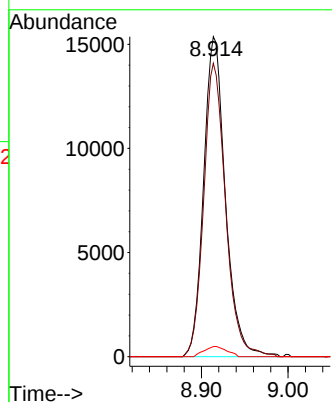
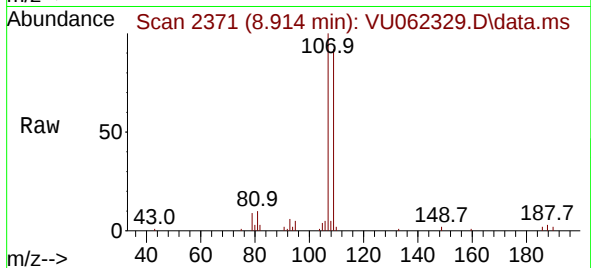




#50
1,2-Dibromoethane
Concen: 6.035 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

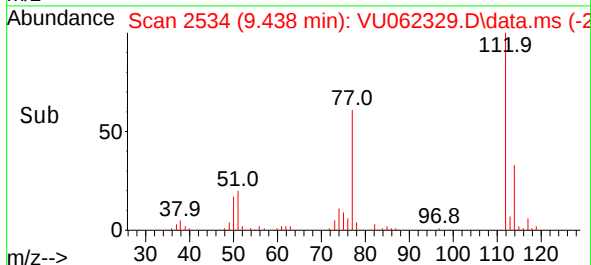
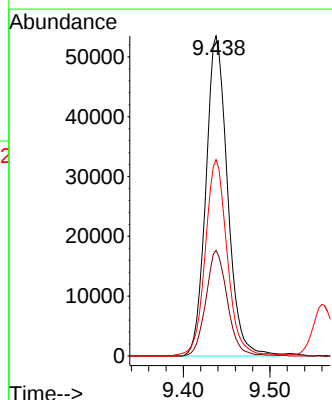
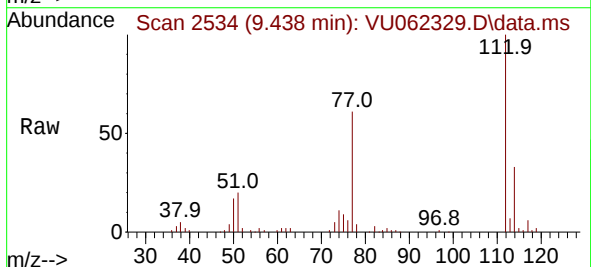
Instrument :
MSVOA_U
ClientSampleId :

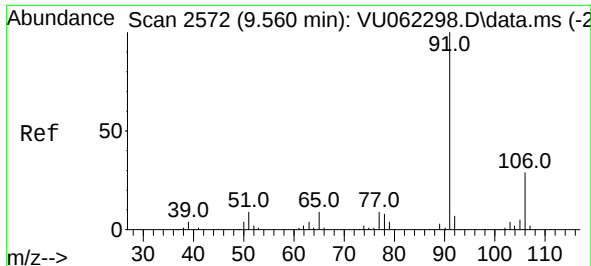
Tgt Ion:107 Resp: 26832
Ion Ratio Lower Upper
107 100
109 91.7 66.8 124.2
188 3.2 2.3 3.5



#51
Chlorobenzene
Concen: 5.354 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion:112 Resp: 93100
Ion Ratio Lower Upper
112 100
114 33.0 23.0 42.6
77 61.4 50.5 75.7

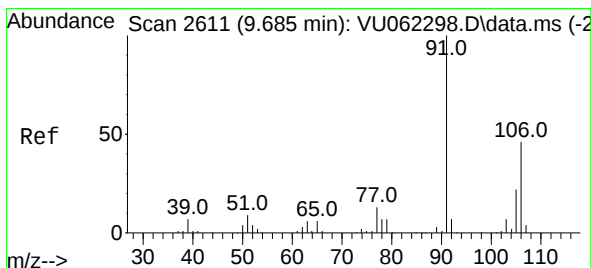
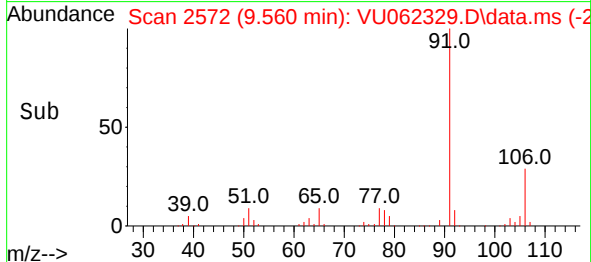
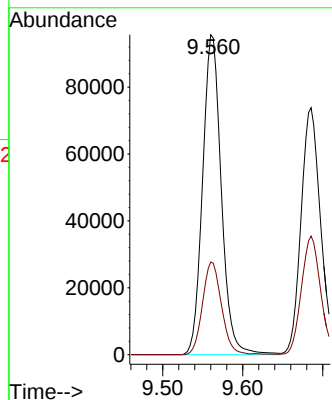
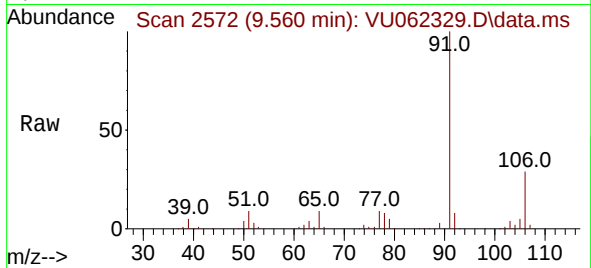




#52
Ethylbenzene
Concen: 5.123 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

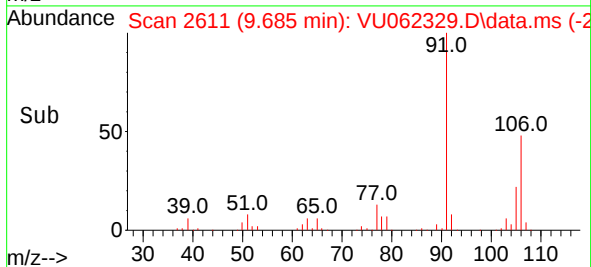
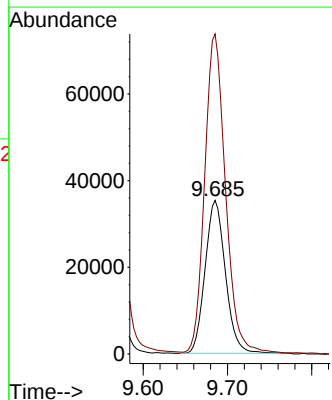
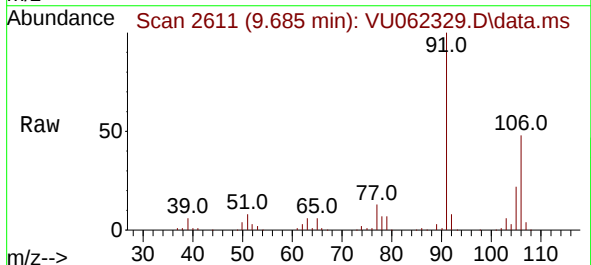
Instrument :
MSVOA_U
ClientSampleId :

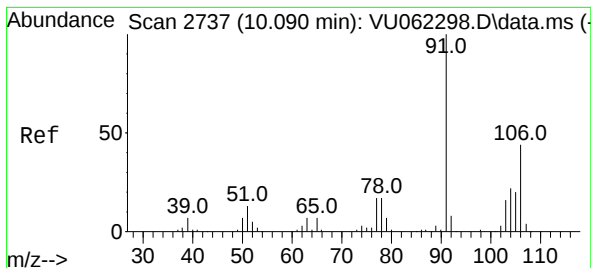
Tgt Ion: 91 Resp: 155877
Ion Ratio Lower Upper
91 100
106 28.9 21.6 40.0



#53
m,p-Xylene
Concen: 5.282 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion: 106 Resp: 59343
Ion Ratio Lower Upper
106 100
91 208.4 147.6 274.0





#54

o-Xylene

Concen: 5.390 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

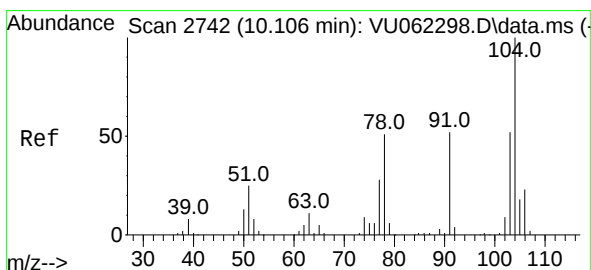
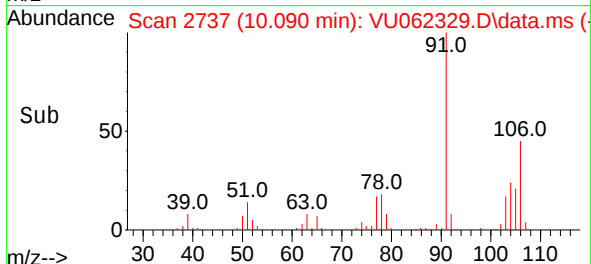
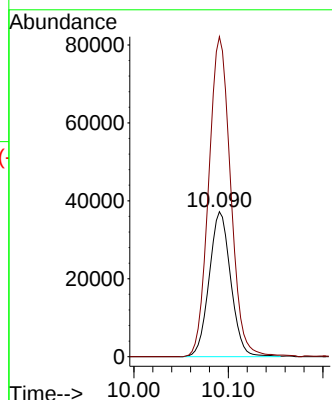
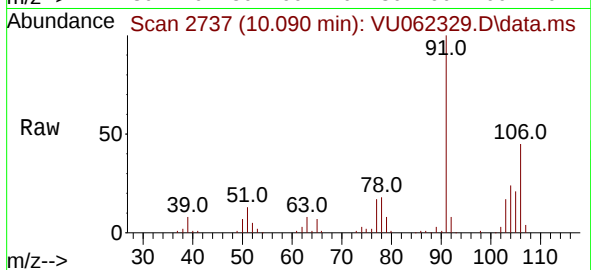
ClientSampleId :

Tgt Ion:106 Resp: 58893

Ion Ratio Lower Upper

106 100

91 220.8 159.8 296.8



#55

Styrene

Concen: 5.426 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU062329.D

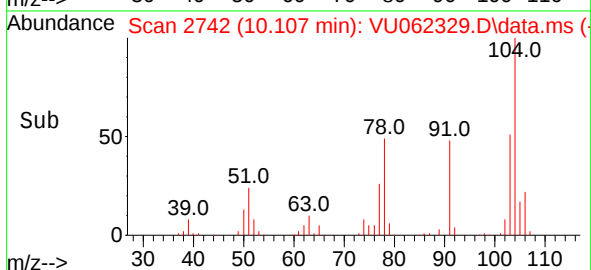
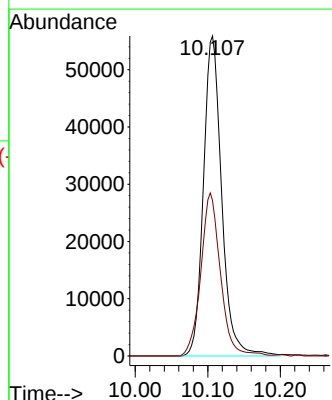
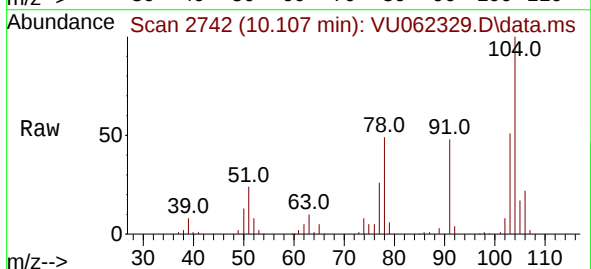
Acq: 13 Dec 2024 23:05

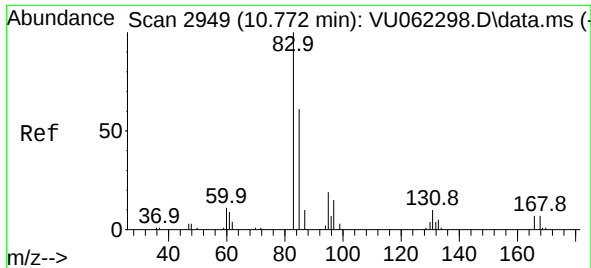
Tgt Ion:104 Resp: 97731

Ion Ratio Lower Upper

104 100

78 48.5 33.2 61.7

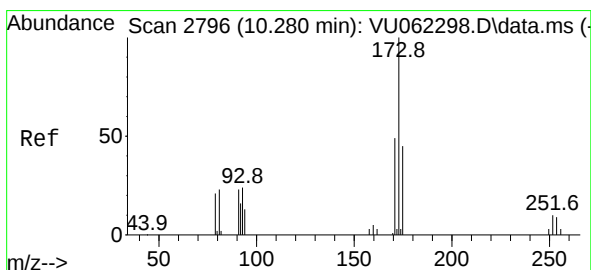
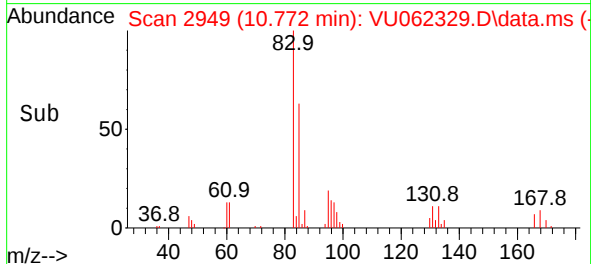
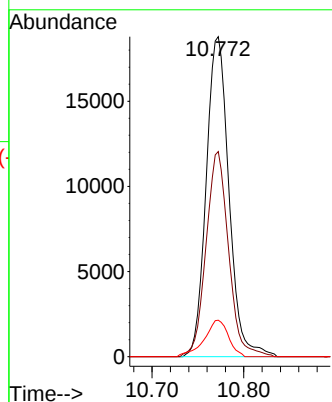
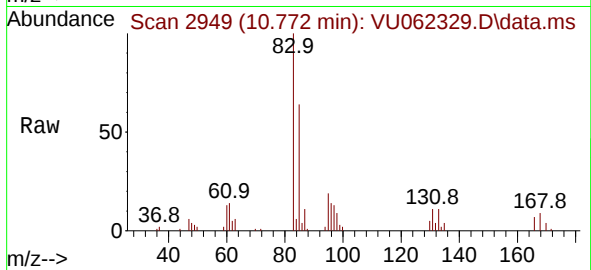




#57
1,1,2,2-Tetrachloroethane
Concen: 6.011 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

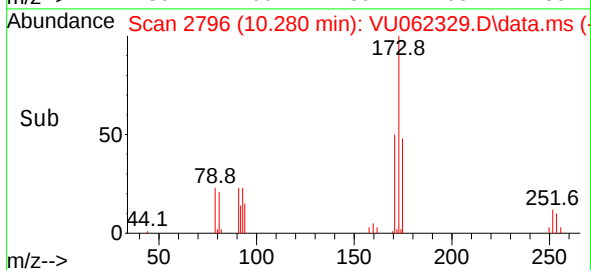
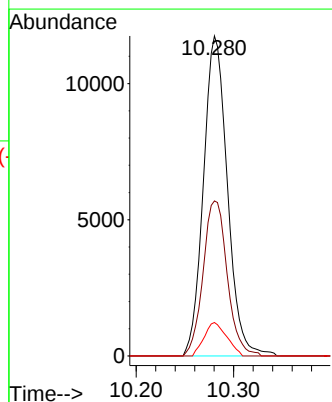
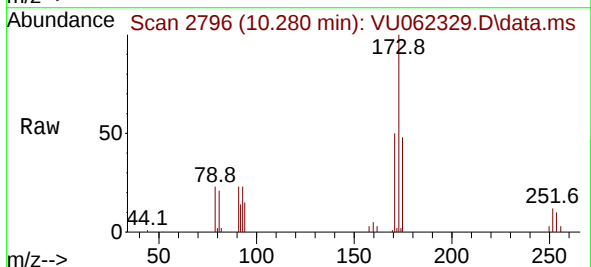
Instrument :
MSVOA_U
ClientSampleId :

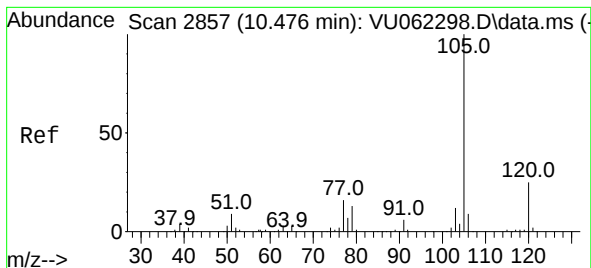
Tgt Ion: 83 Resp: 32367
Ion Ratio Lower Upper
83 100
85 64.1 44.4 82.4
131 11.4 7.3 10.9#



#59
Bromoform
Concen: 6.087 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion:173 Resp: 20075
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 9.8 7.4 11.0





#60

Isopropylbenzene

Concen: 5.078 ug/L

RT: 10.473 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

ClientSampleId :

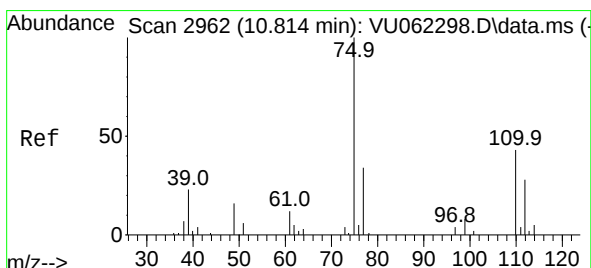
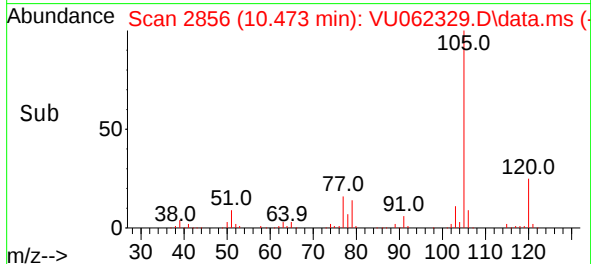
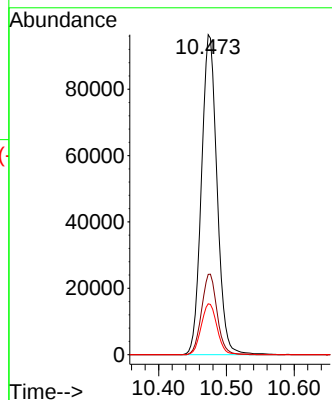
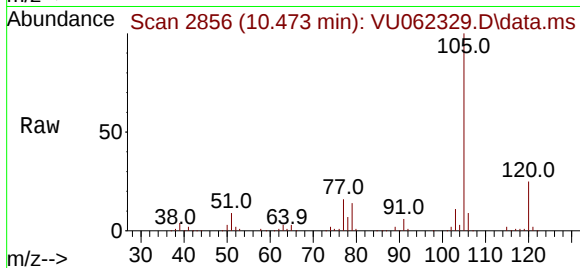
Tgt Ion:105 Resp: 153928

Ion Ratio Lower Upper

105 100

120 25.0 20.6 31.0

77 16.1 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 6.028 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

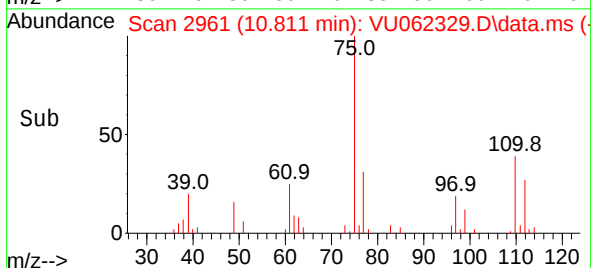
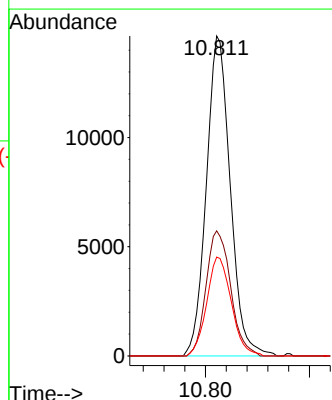
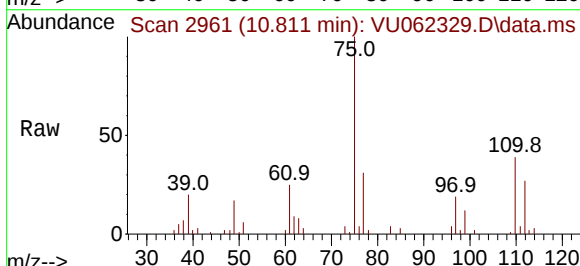
Tgt Ion: 75 Resp: 23392

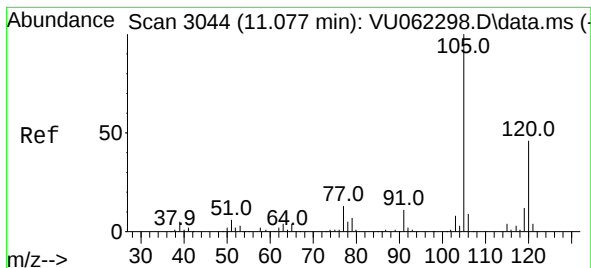
Ion Ratio Lower Upper

75 100

110 40.3 28.9 43.3

77 31.8 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.066 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

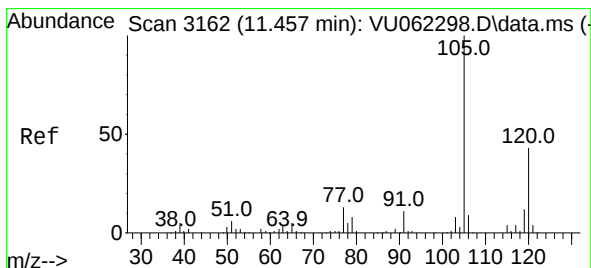
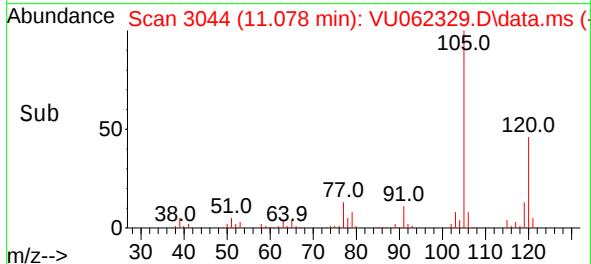
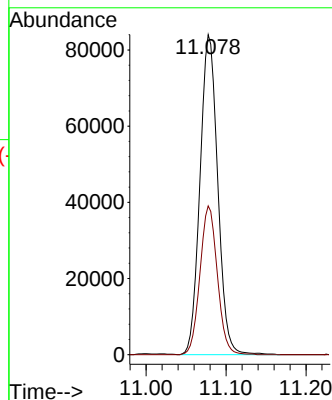
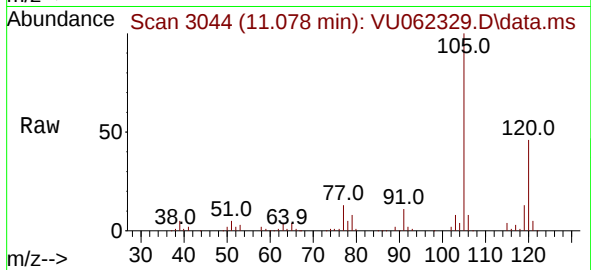
ClientSampleId :

Tgt Ion:105 Resp: 129957

Ion Ratio Lower Upper

105 100

120 45.5 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.136 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU062329.D

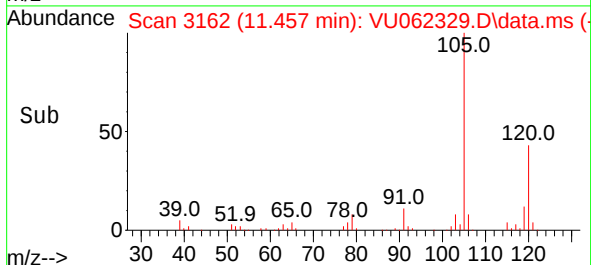
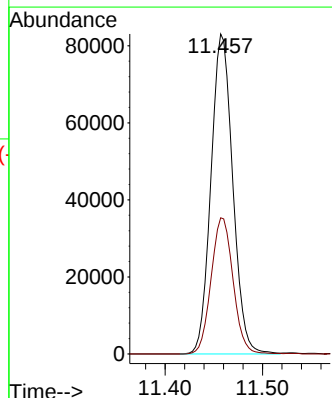
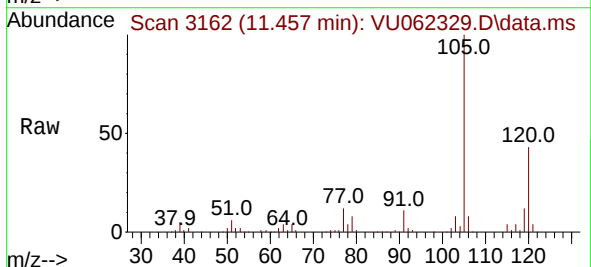
Acq: 13 Dec 2024 23:05

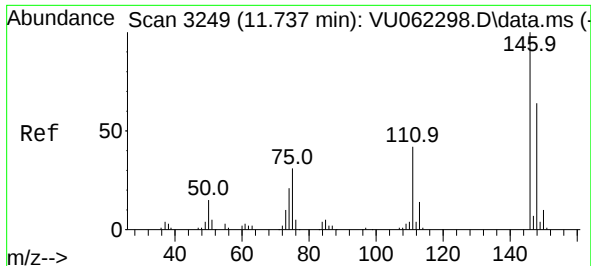
Tgt Ion:105 Resp: 129085

Ion Ratio Lower Upper

105 100

120 42.9 34.7 52.1

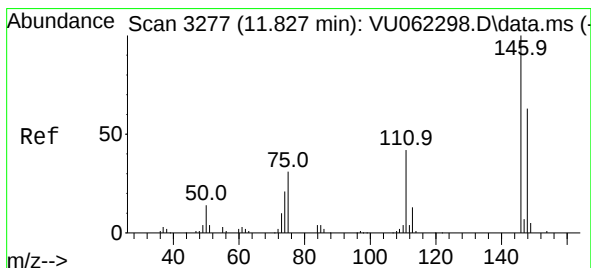
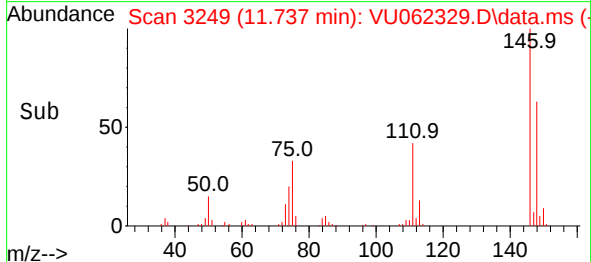
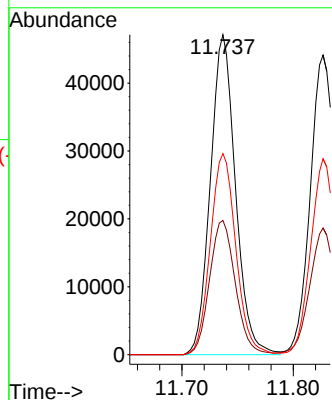
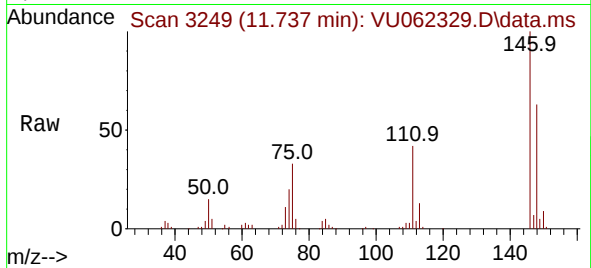




#64
1,3-Dichlorobenzene
Concen: 5.299 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

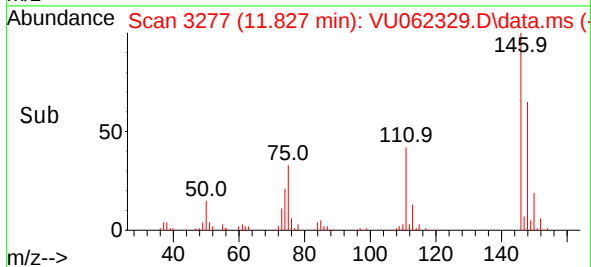
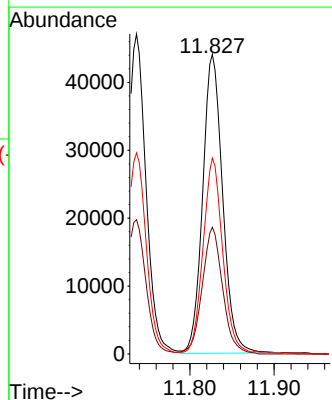
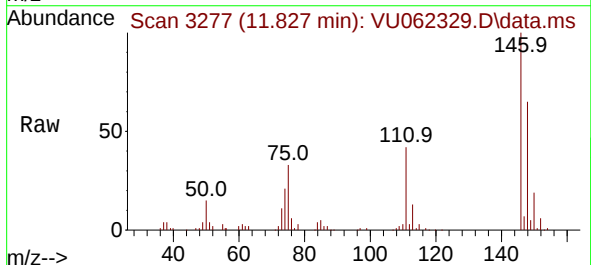
Instrument :
MSVOA_U
ClientSampleId :

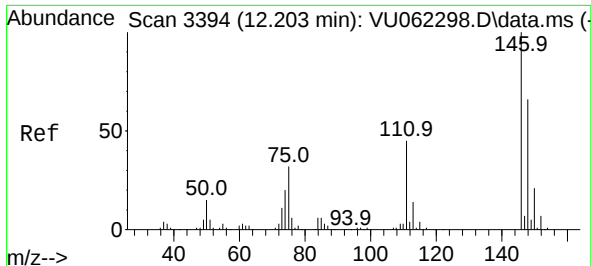
Tgt Ion:146 Resp: 73796
Ion Ratio Lower Upper
146 100
111 41.9 30.7 57.1
148 62.8 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 5.188 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion:146 Resp: 72749
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.3
148 65.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.465 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

ClientSampleId :

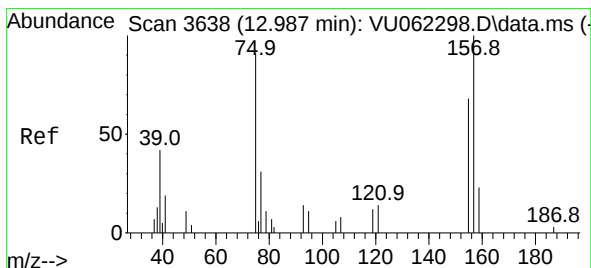
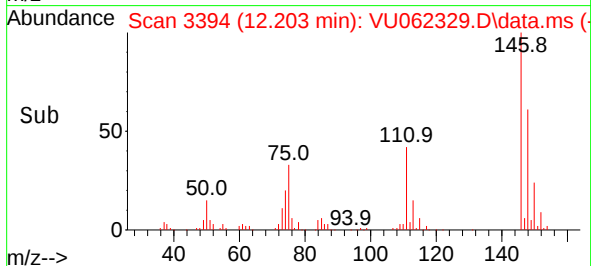
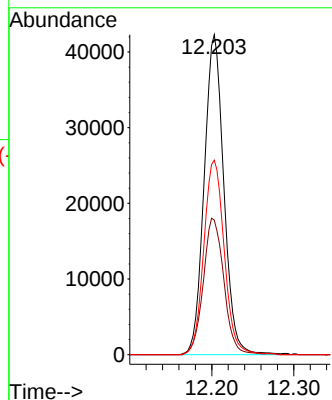
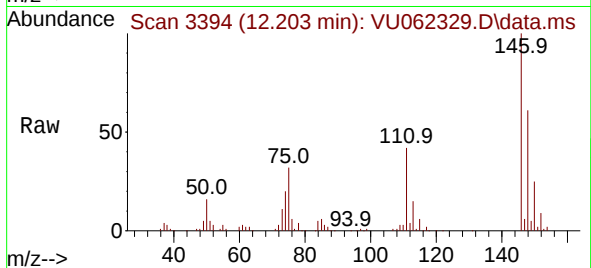
Tgt Ion:146 Resp: 70327

Ion Ratio Lower Upper

146 100

111 42.1 36.0 54.0

148 60.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.984 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

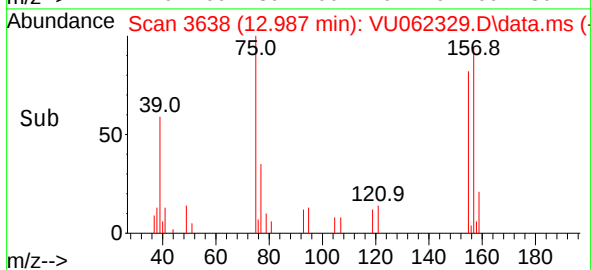
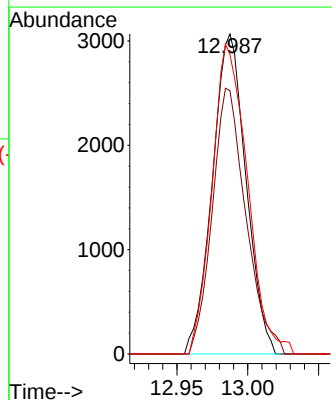
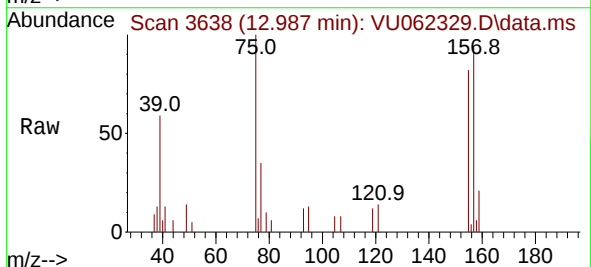
Tgt Ion: 75 Resp: 5065

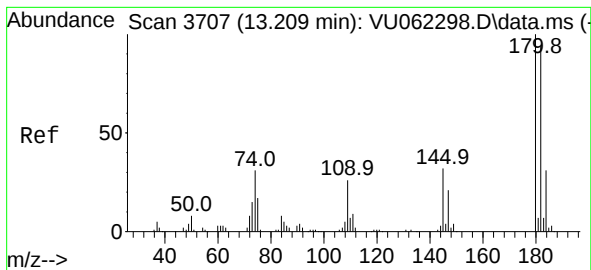
Ion Ratio Lower Upper

75 100

155 82.2 55.2 82.8

157 93.5 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.270 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

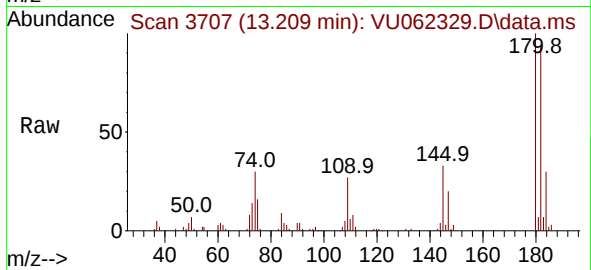
Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 54549

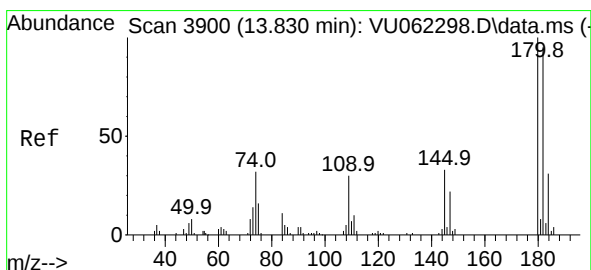
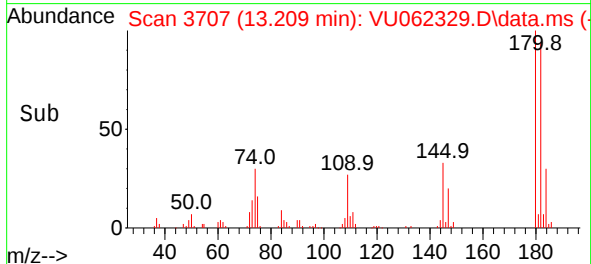
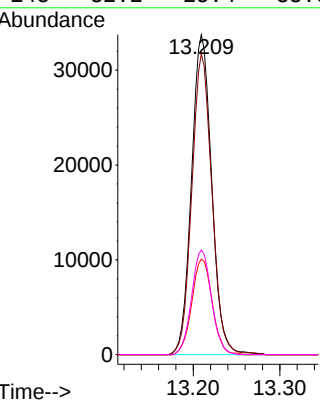
Ion Ratio Lower Upper

180 100

182 93.7 76.7 115.1

184 30.3 24.8 37.2

145 32.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.097 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU062329.D

Acq: 13 Dec 2024 23:05

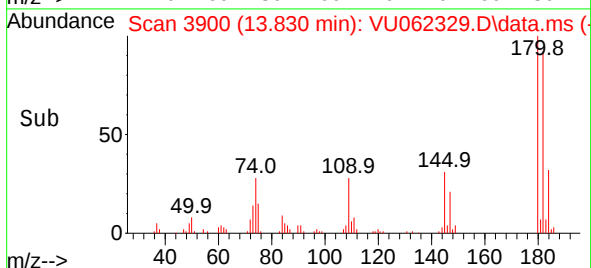
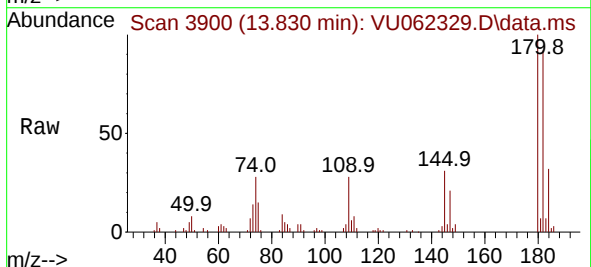
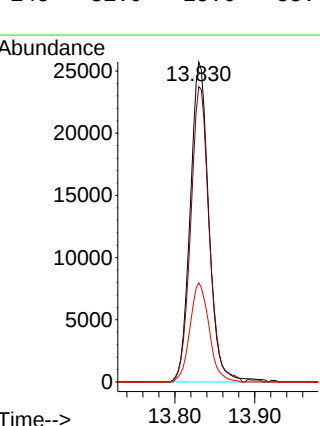
Tgt Ion:180 Resp: 41657

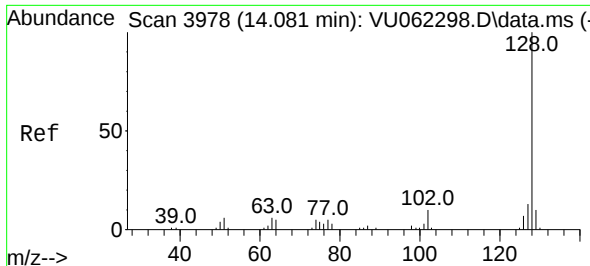
Ion Ratio Lower Upper

180 100

182 92.2 74.5 111.7

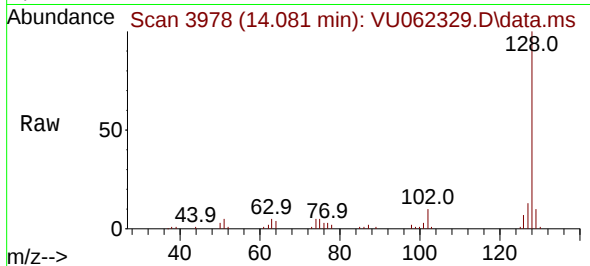
145 31.9 25.6 38.4



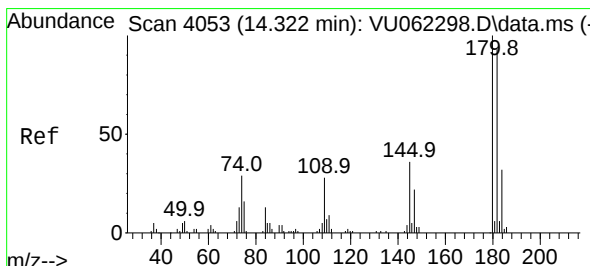
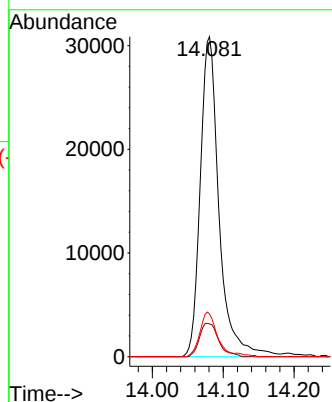
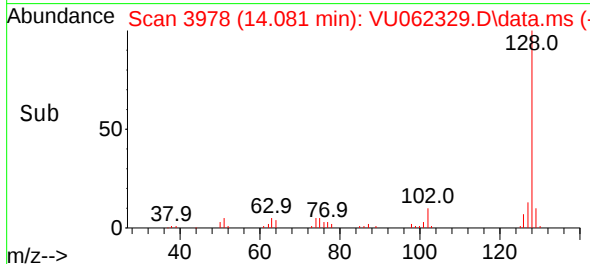


#71
Naphthalene
Concen: 4.618 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 56668
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.030 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062329.D
Acq: 13 Dec 2024 23:05

Tgt Ion:180 Resp: 36254
Ion Ratio Lower Upper
180 100
182 95.0 76.1 114.1
145 33.9 27.4 41.0

