

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057429.D
 Acq On : 09 Jan 2024 10:23
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 11:37:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	283585	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	280614	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137650	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78985	40.467	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.940%
7) Chloroethane-d5	1.914	69	63519	42.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.100%
11) 1,1-Dichloroethene-d2	2.560	63	178404	43.124	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
21) 2-Butanone-d5	4.634	46	99113	104.796	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.800%
24) Chloroform-d	5.055	84	204152	44.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
26) 1,2-Dichloroethane-d4	5.692	65	135851	44.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.100%
32) Benzene-d6	5.721	84	350517	46.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
36) 1,2-Dichloropropane-d6	6.682	67	97816	46.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.020%
41) Toluene-d8	7.891	98	333257	47.211	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.420%
43) trans-1,3-Dichloroprop...	8.174	79	61774	48.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.360%
47) 2-Hexanone-d5	8.647	63	75941	109.267	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.270%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	149329	47.001	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	127281	47.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	150692	46.579	ug/L	98
3) Chloromethane	1.518	50	94968	46.781	ug/L	99
5) Vinyl chloride	1.605	62	106503	49.006	ug/L	100
6) Bromomethane	1.859	94	68945	47.931	ug/L	100
8) Chloroethane	1.933	64	58774	46.235	ug/L	95
9) Trichlorofluoromethane	2.129	101	212804	46.929	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	104280	47.885	ug/L	97
12) 1,1-Dichloroethene	2.570	96	91631	47.687	ug/L	94
13) Acetone	2.644	43	112013	97.256	ug/L	95
14) Carbon disulfide	2.785	76	285943	48.045	ug/L	100
15) Methyl Acetate	2.949	43	74512	49.592	ug/L	97
16) Methylene chloride	3.039	84	104034	47.618	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	94302	47.972	ug/L	95
18) Methyl tert-butyl Ether	3.357	73	327591	52.062	ug/L	99
19) 1,1-Dichloroethane	3.859	63	175333	48.178	ug/L	98
20) cis-1,2-Dichloroethene	4.656	96	106635	50.711	ug/L	99
22) 2-Butanone	4.714	43	117613	103.638	ug/L	100
23) Bromochloromethane	4.968	128	57399	47.552	ug/L	97
25) Chloroform	5.078	83	215162	48.715	ug/L	100

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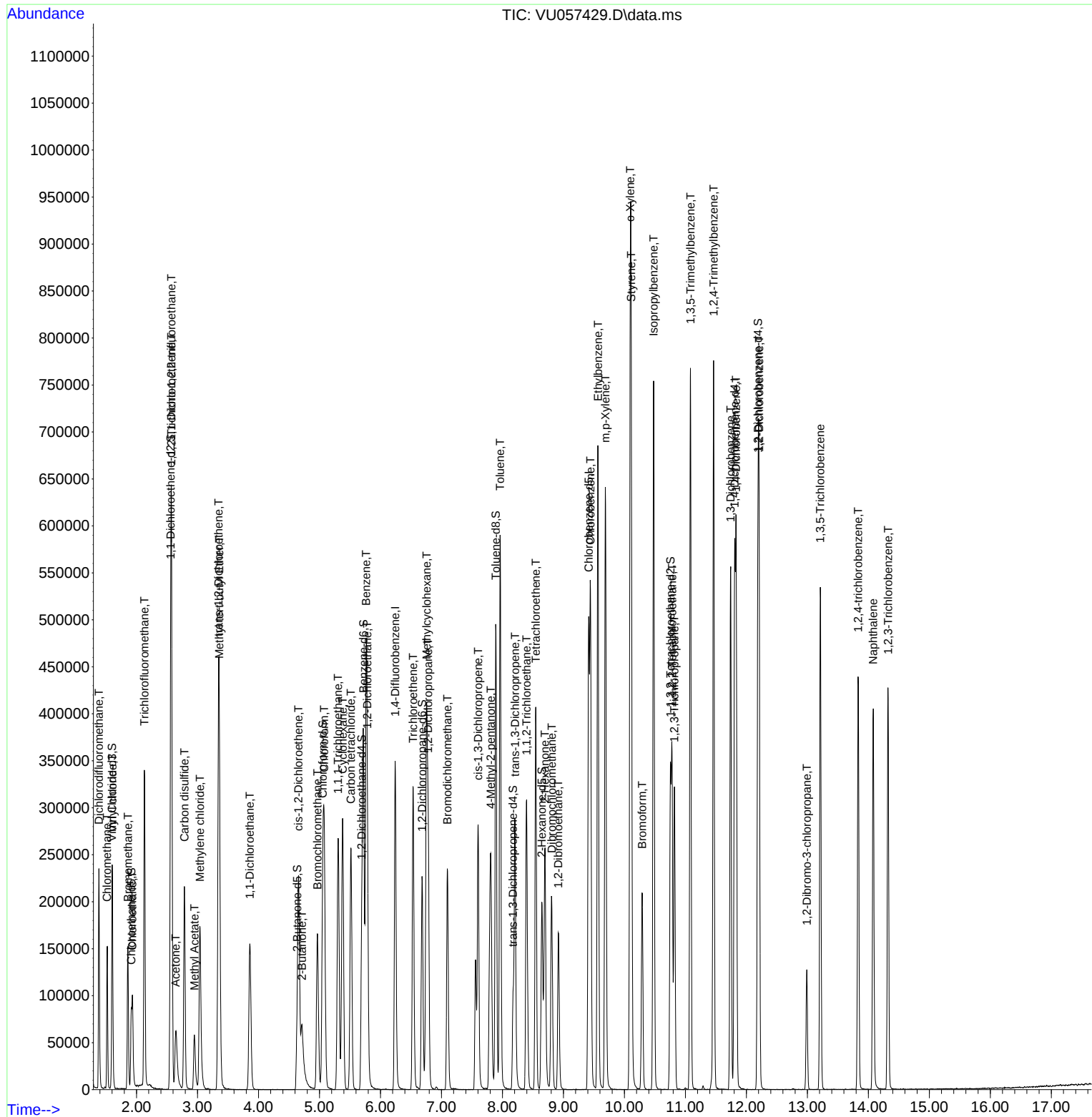
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	181798	48.865	ug/L	98
29) Cyclohexane	5.380	56	139110	52.398	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	207153	47.980	ug/L	100
31) Carbon tetrachloride	5.515	117	183250	47.855	ug/L	99
33) Benzene	5.766	78	394886	50.074	ug/L	100
34) Trichloroethene	6.537	95	114255	49.625	ug/L	97
35) Methylcyclohexane	6.756	83	161786	51.648	ug/L	99
37) 1,2-Dichloropropane	6.782	63	95579	49.115	ug/L	99
38) Bromodichloromethane	7.097	83	159761	48.462	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	173399	50.885	ug/L	99
40) 4-Methyl-2-pentanone	7.807	43	218355	110.122	ug/L	99
42) Toluene	7.962	91	428365	50.515	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	176248	51.517	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	107831	50.359	ug/L	99
46) Tetrachloroethene	8.547	164	87753	50.386	ug/L	97
48) 2-Hexanone	8.698	43	173448	108.727	ug/L	98
49) Dibromochloromethane	8.807	129	126804	48.594	ug/L	96
50) 1,2-Dibromoethane	8.917	107	115756	50.965	ug/L	100
51) Chlorobenzene	9.444	112	290680	51.016	ug/L	100
52) Ethylbenzene	9.566	91	498084	52.747	ug/L	99
53) m,p-Xylene	9.688	106	187144	53.017	ug/L	96
54) o-Xylene	10.097	106	181297	52.592	ug/L	95
55) Styrene	10.113	104	305729	52.373	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	159823	49.501	ug/L	96
59) Bromoform	10.293	173	99266	49.736	ug/L	100
60) 1,2,3-Trichloropropane	10.820	75	134470	51.575	ug/L	99
61) Isopropylbenzene	10.479	105	492188	54.599	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	429334	55.690	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	429323	56.729	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	219714	51.718	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	220957	50.667	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	218062	50.925	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	36156	51.934	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	158990	52.281	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	130158	56.217	ug/L	99
71) Naphthalene	14.080	128	327521	60.541	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	124899	57.043	ug/L	100

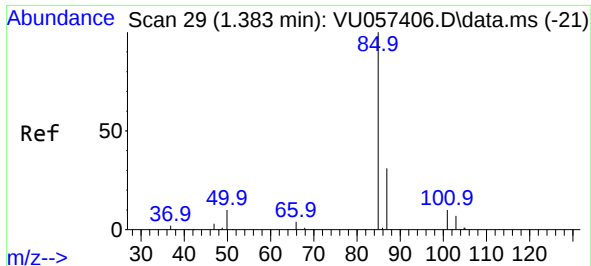
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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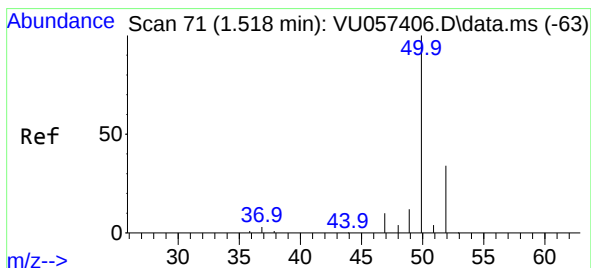
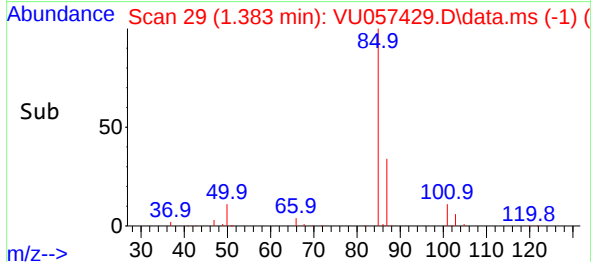
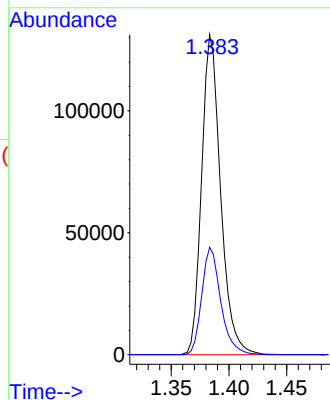
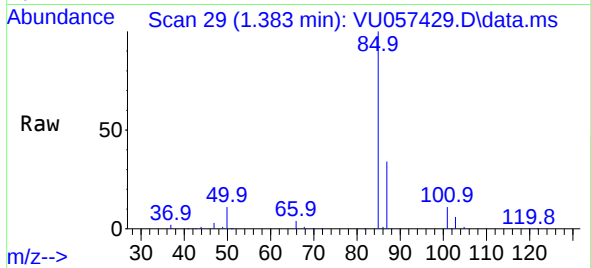




#2
Dichlorodifluoromethane
Concen: 46.579 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

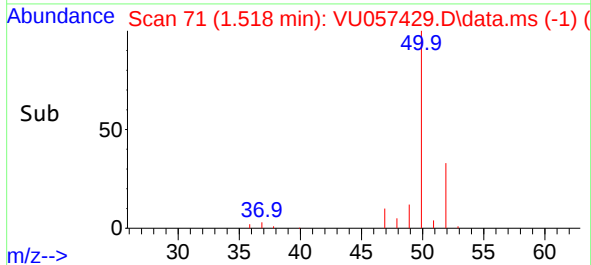
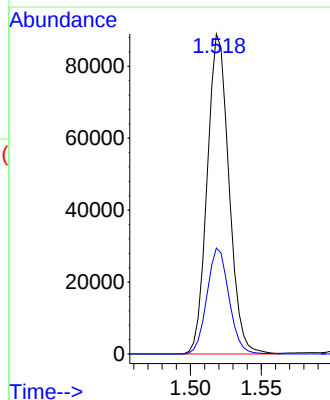
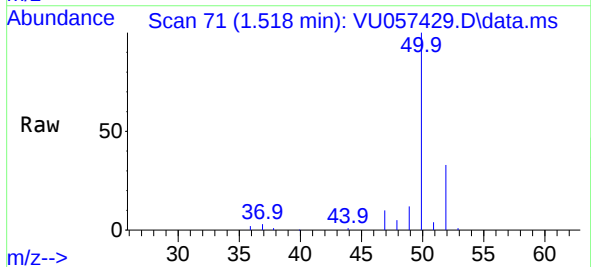
Instrument :
MSVOA_U
ClientSampleId :

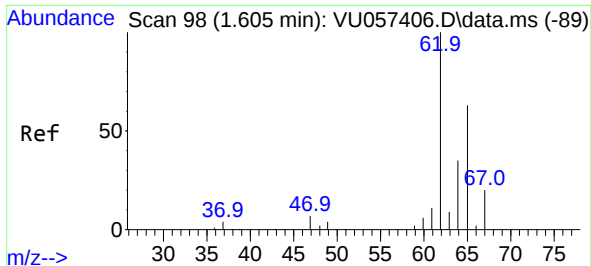
Tgt Ion: 85 Resp: 150692
Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.6



#3
Chloromethane
Concen: 46.781 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

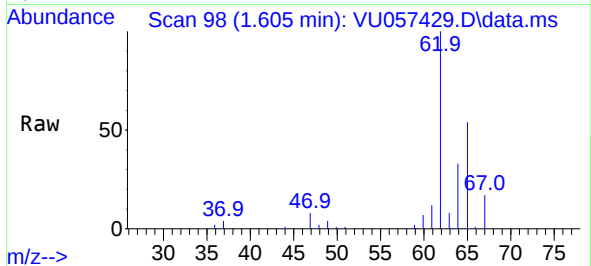
Tgt Ion: 50 Resp: 94968
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9



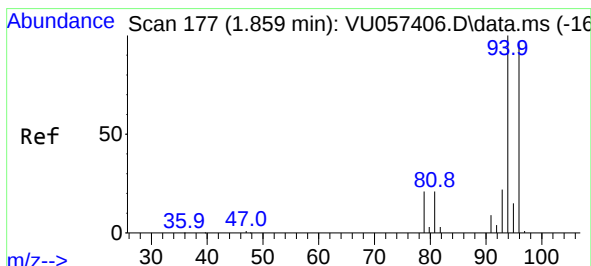
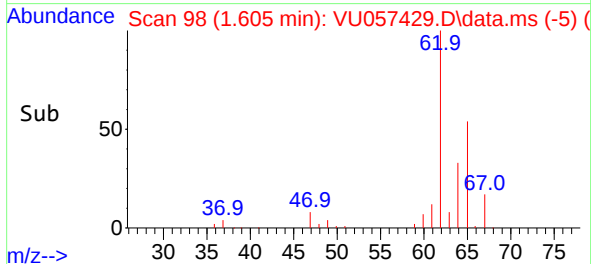
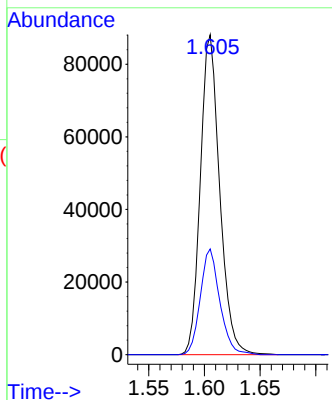


#5
Vinyl chloride
Concen: 49.006 ug/L
RT: 1.605 min Scan# 98
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

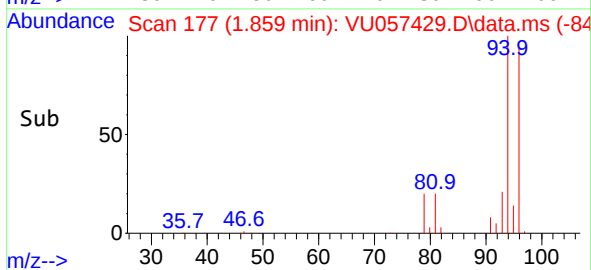
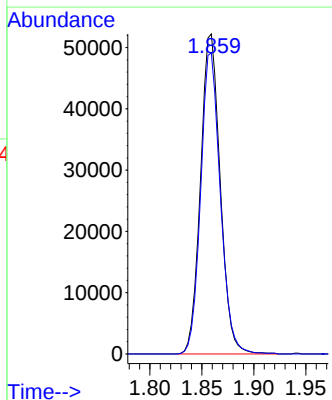
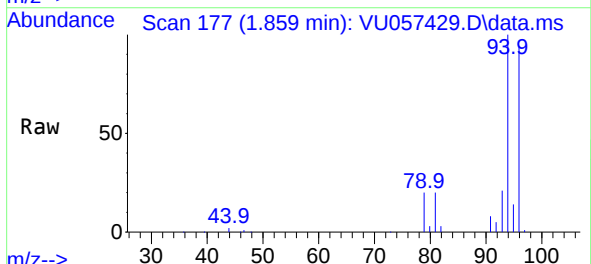


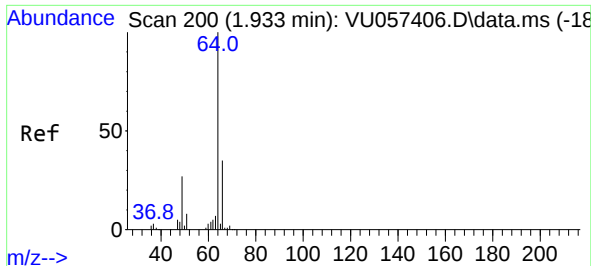
Tgt Ion: 62 Resp: 106503
Ion Ratio Lower Upper
62 100
64 33.0 23.3 43.3



#6
Bromomethane
Concen: 47.931 ug/L
RT: 1.859 min Scan# 177
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

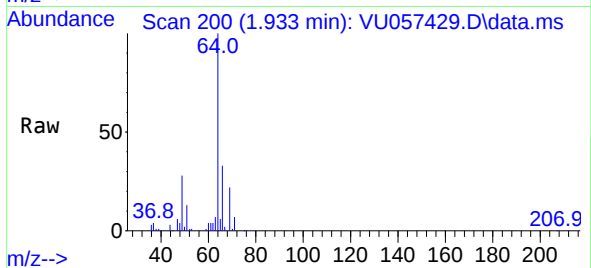
Tgt Ion: 94 Resp: 68945
Ion Ratio Lower Upper
94 100
96 94.1 65.9 122.5



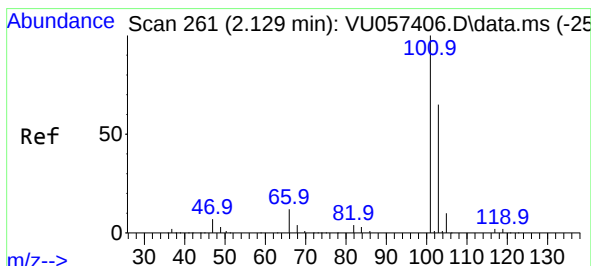
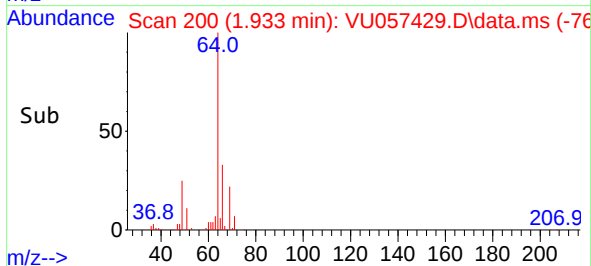
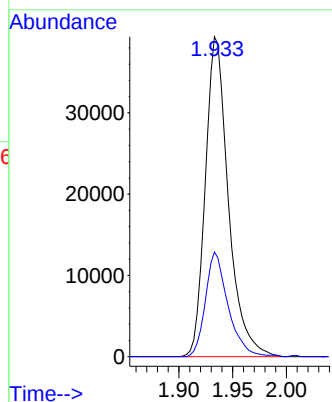


#8
Chloroethane
Concen: 46.235 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

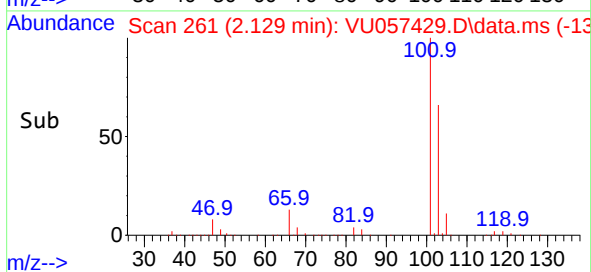
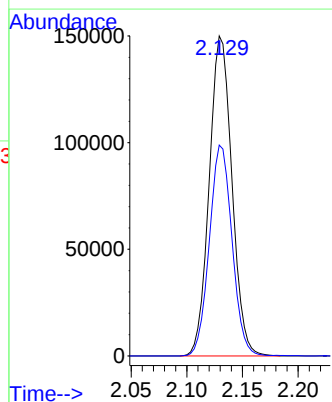
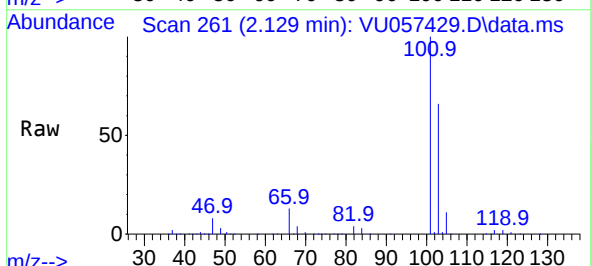


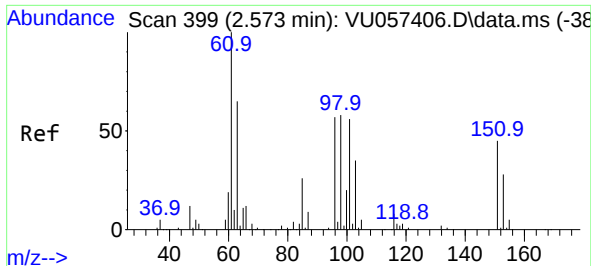
Tgt Ion: 64 Resp: 58774
Ion Ratio Lower Upper
64 100
66 32.7 20.9 38.9



#9
Trichlorofluoromethane
Concen: 46.929 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion:101 Resp: 212804
Ion Ratio Lower Upper
101 100
103 65.7 53.4 80.0

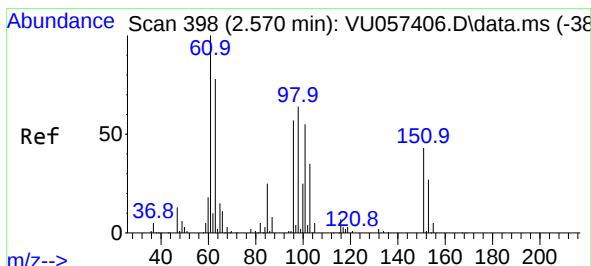
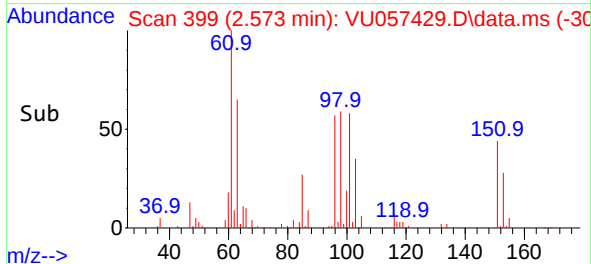
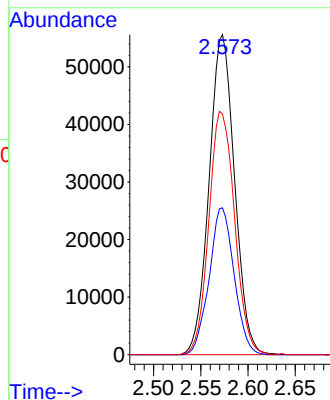
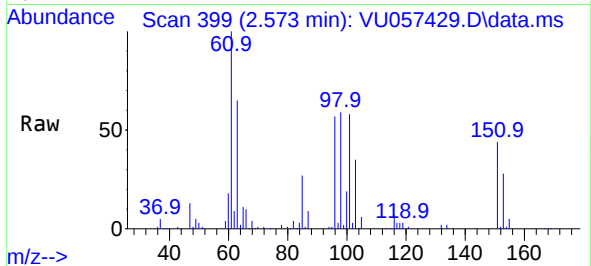




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.885 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

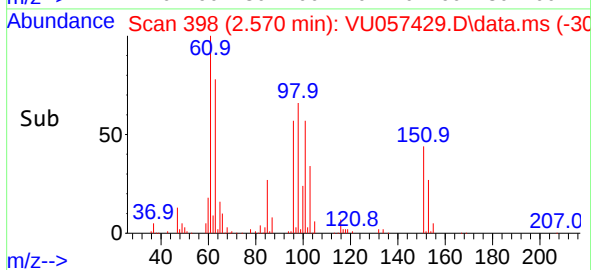
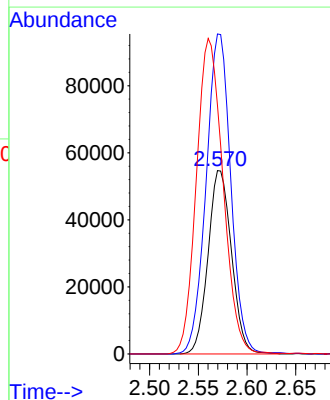
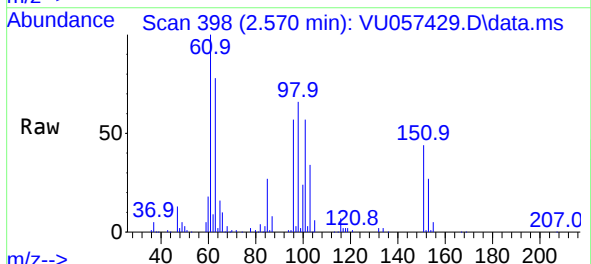
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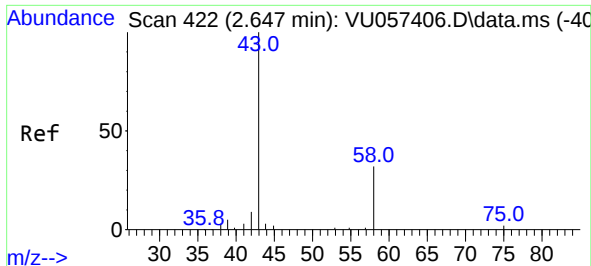
Tgt Ion:101 Resp: 104280
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.4
151 76.9 63.7 95.5



#12
1,1-Dichloroethene
Concen: 47.687 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 96 Resp: 91631
Ion Ratio Lower Upper
96 100
61 174.5 128.3 238.3
63 135.6 90.4 168.0

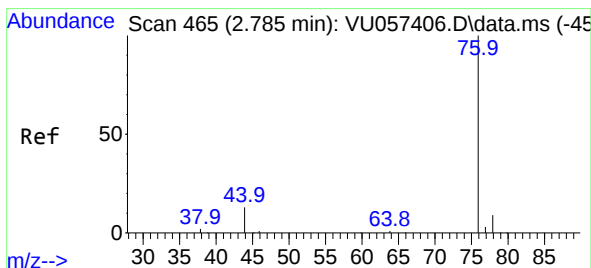
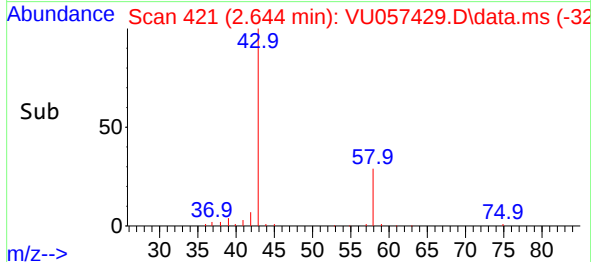
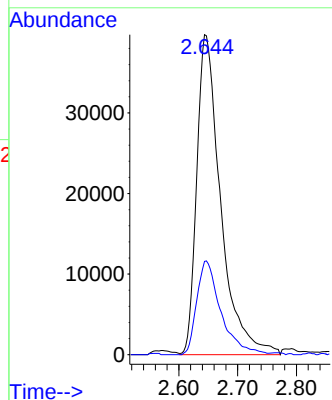
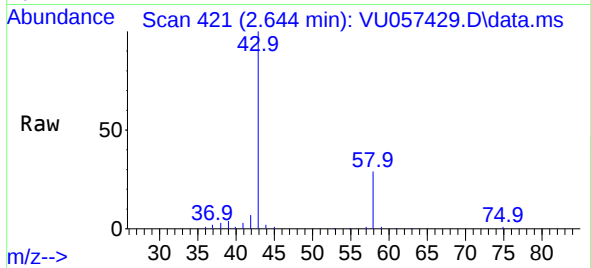




#13
Acetone
Concen: 97.256 ug/L
RT: 2.644 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

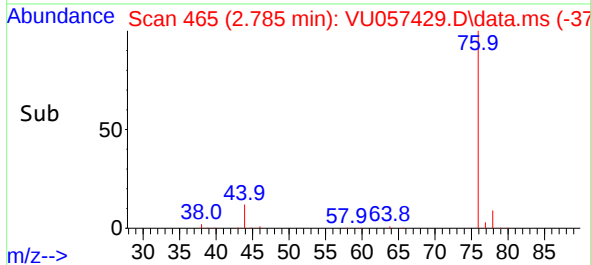
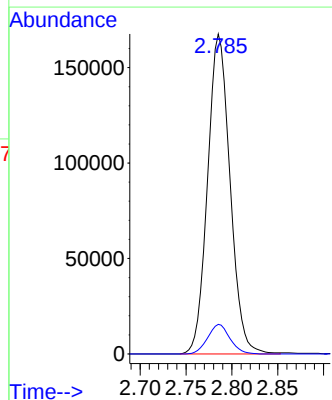
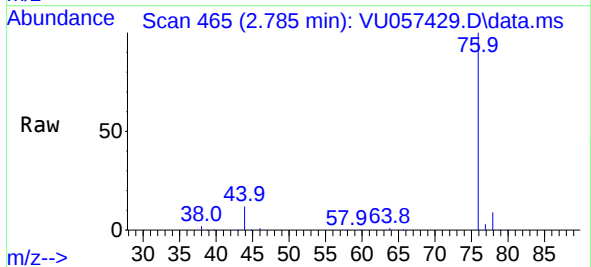
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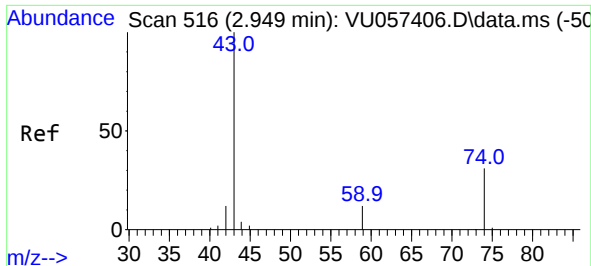
Tgt Ion: 43 Resp: 112013
Ion Ratio Lower Upper
43 100
58 29.6 0.0 65.2



#14
Carbon disulfide
Concen: 48.045 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 76 Resp: 285943
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

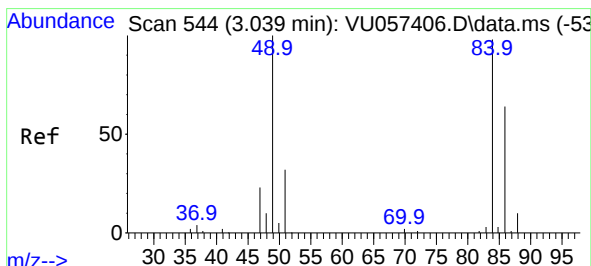
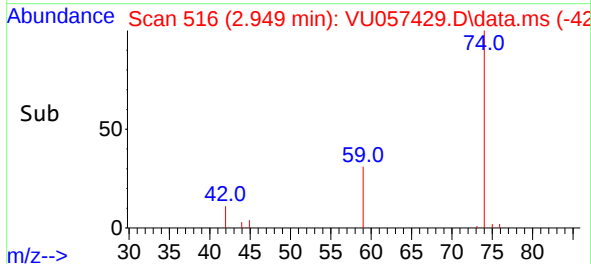
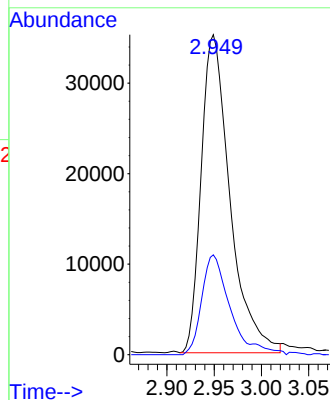
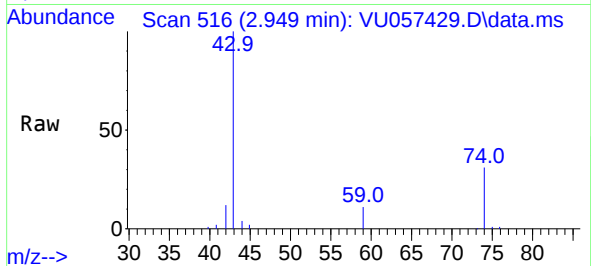




#15
Methyl Acetate
Concen: 49.592 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

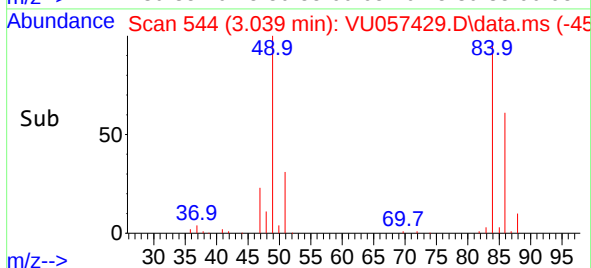
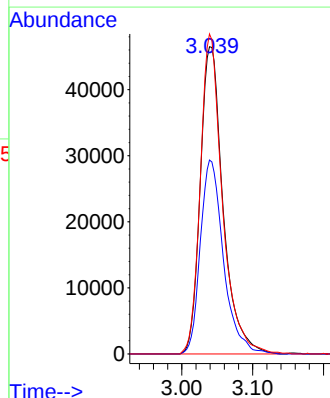
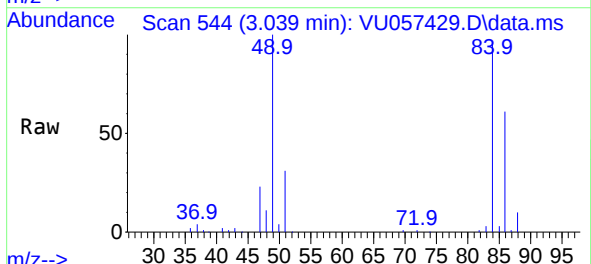
Instrument :
MSVOA_U
ClientSampleId :

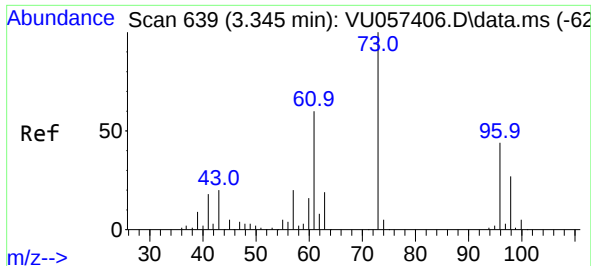
Tgt Ion: 43 Resp: 74512
Ion Ratio Lower Upper
43 100
74 28.8 24.6 36.8



#16
Methylene chloride
Concen: 47.618 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

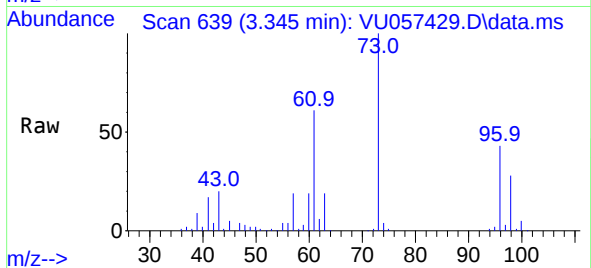
Tgt Ion: 84 Resp: 104034
Ion Ratio Lower Upper
84 100
86 63.1 44.3 82.3
49 104.1 72.2 134.2



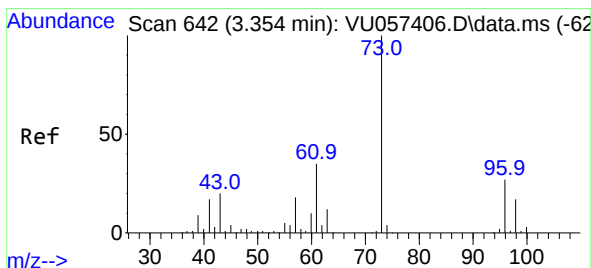
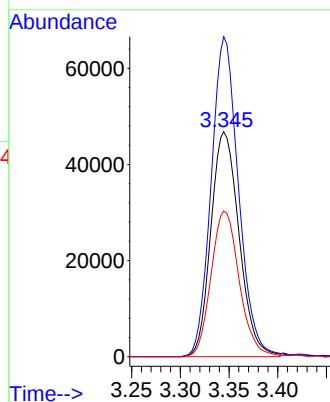
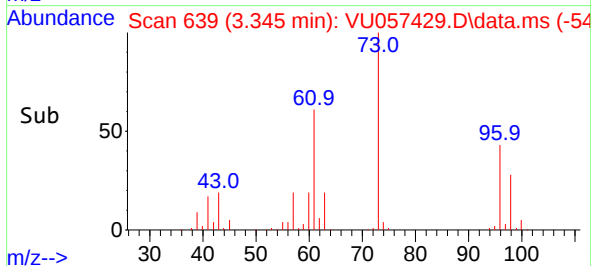


#17
trans-1,2-Dichloroethene
Concen: 47.972 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

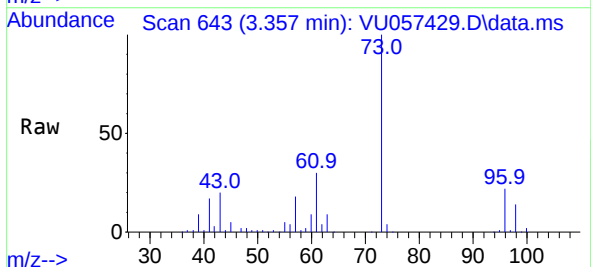
Instrument :
MSVOA_U
ClientSampleId :



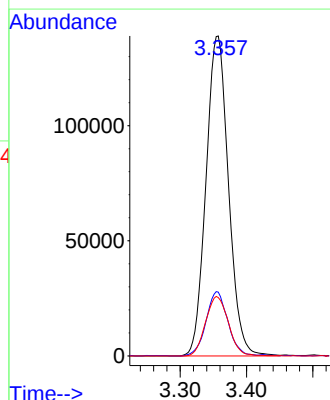
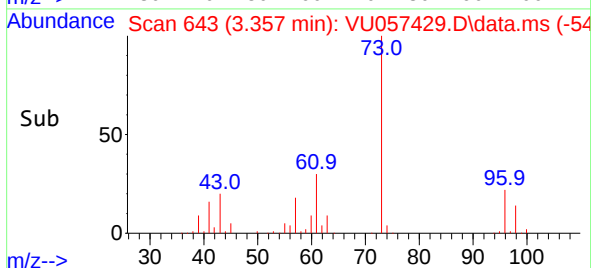
Tgt Ion: 96 Resp: 94302
Ion Ratio Lower Upper
96 100
61 142.2 93.9 174.5
98 64.8 44.8 83.2

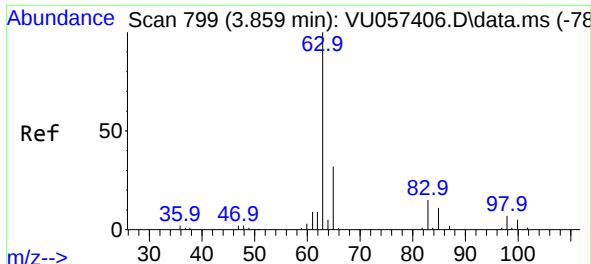


#18
Methyl tert-butyl Ether
Concen: 52.062 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23



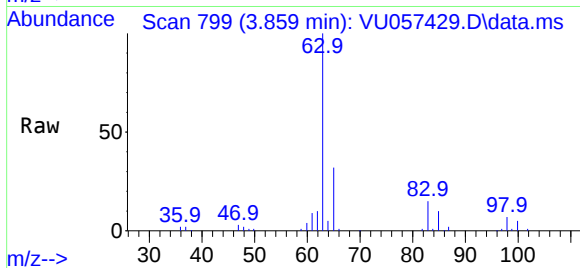
Tgt Ion: 73 Resp: 327591
Ion Ratio Lower Upper
73 100
43 19.5 16.3 24.5
57 18.8 15.0 22.6



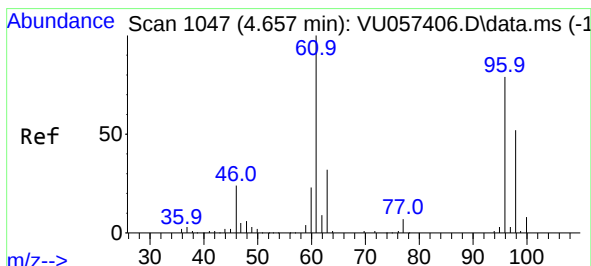
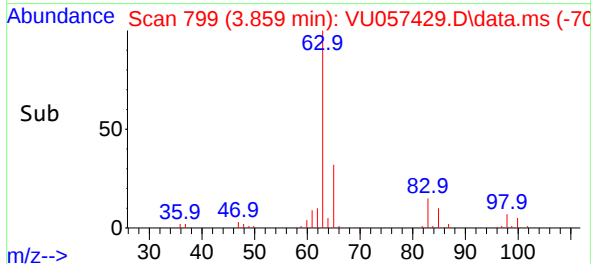
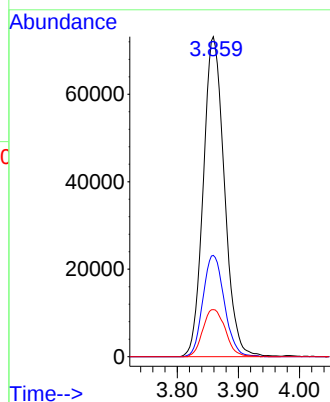


#19
1,1-Dichloroethane
Concen: 48.178 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

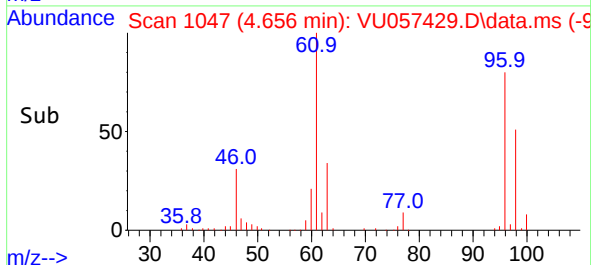
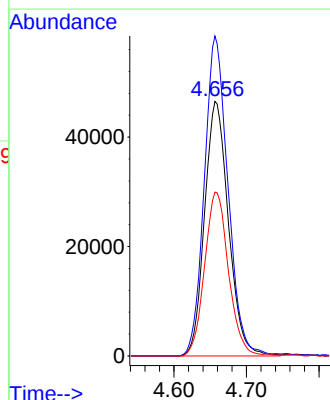
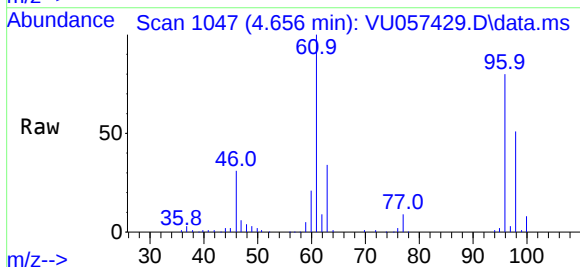


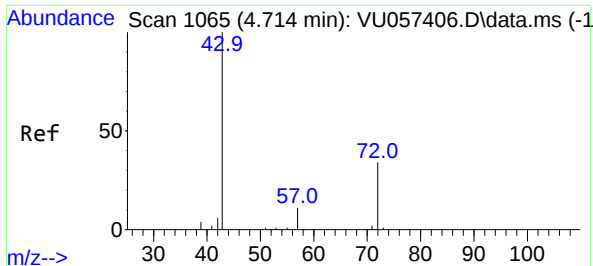
Tgt Ion: 63 Resp: 175333
Ion Ratio Lower Upper
63 100
65 31.7 22.4 41.6
83 14.7 11.3 21.1



#20
cis-1,2-Dichloroethene
Concen: 50.711 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 96 Resp: 106635
Ion Ratio Lower Upper
96 100
61 125.7 88.0 163.4
98 64.4 43.4 80.6

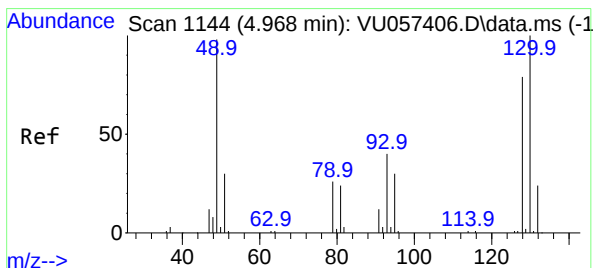
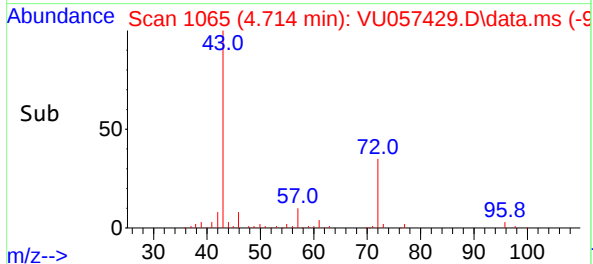
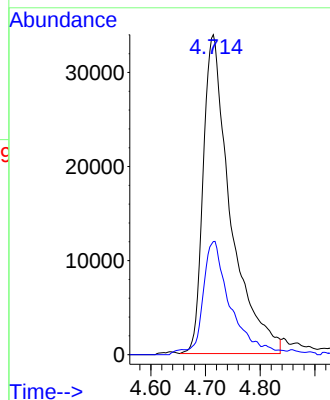
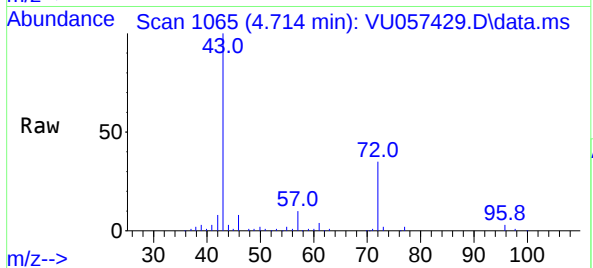




#22
2-Butanone
Concen: 103.638 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

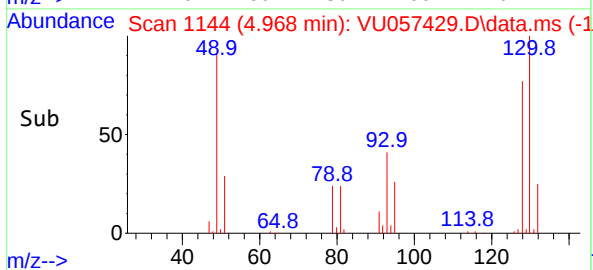
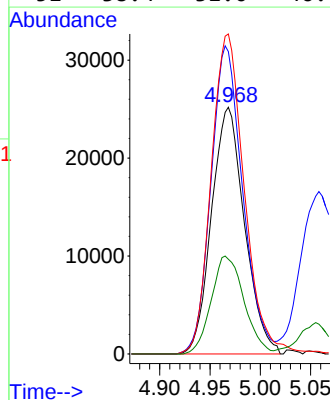
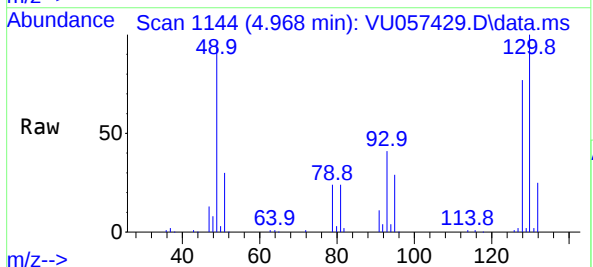
Instrument :
MSVOA_U
ClientSampleId :

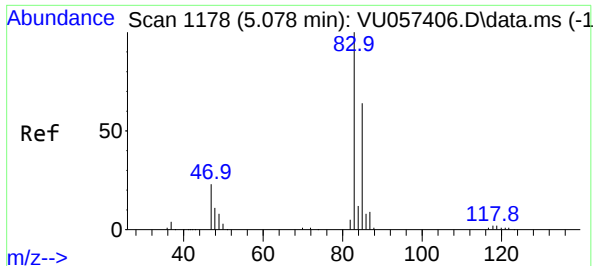
Tgt Ion: 43 Resp: 117613
Ion Ratio Lower Upper
43 100
72 30.2 15.2 45.6



#23
Bromochloromethane
Concen: 47.552 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion:128 Resp: 57399
Ion Ratio Lower Upper
128 100
49 122.6 83.4 154.8
130 129.7 87.6 162.6
51 38.4 31.0 46.6

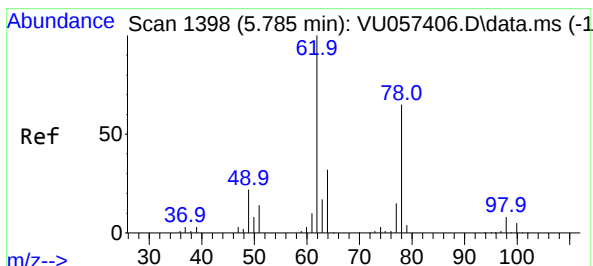
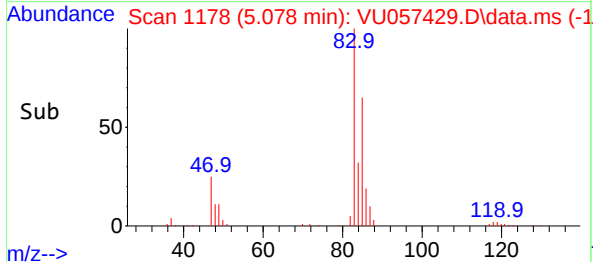
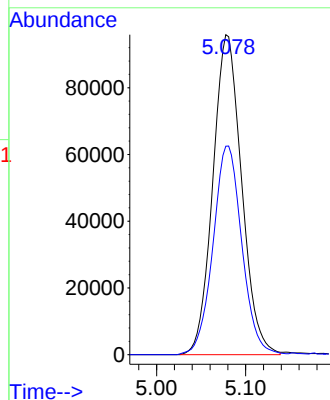
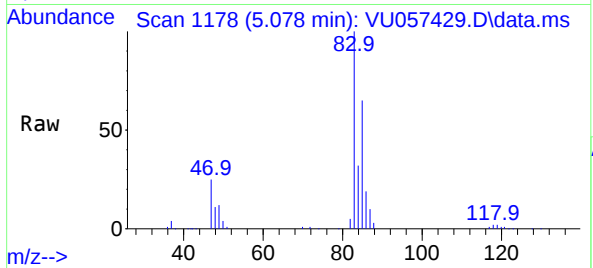




#25
Chloroform
Concen: 48.715 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

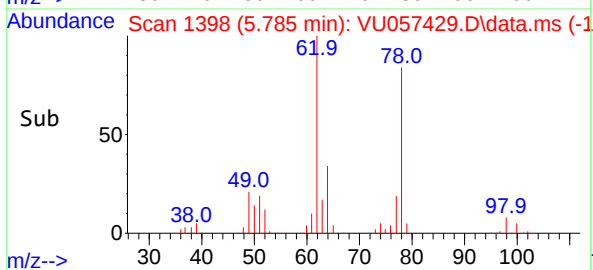
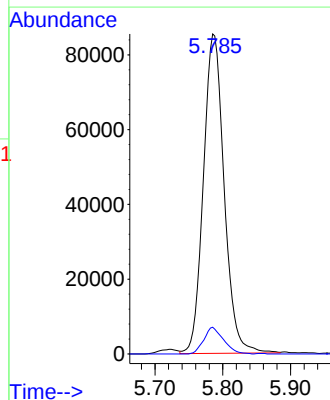
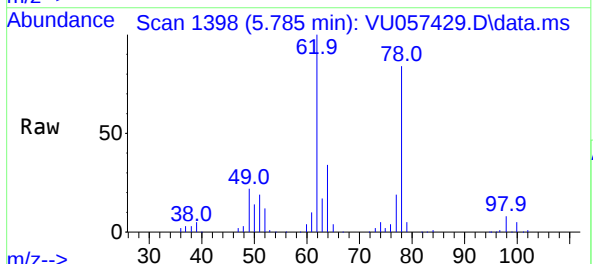
Instrument :
MSVOA_U
ClientSampleId :

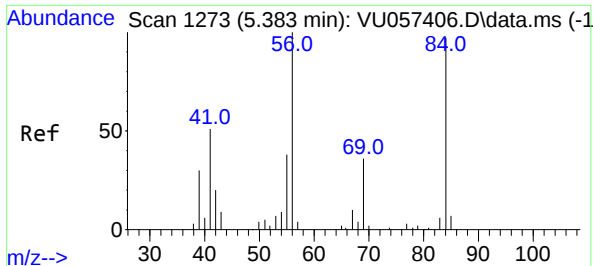
Tgt Ion: 83 Resp: 215162
Ion Ratio Lower Upper
83 100
85 65.2 45.5 84.5



#27
1,2-Dichloroethane
Concen: 48.865 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 62 Resp: 181798
Ion Ratio Lower Upper
62 100
98 8.3 6.1 9.1





#29

Cyclohexane

Concen: 52.398 ug/L

RT: 5.380 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU057429.D

Acq: 09 Jan 2024 10:23

Instrument :

MSVOA_U

ClientSampleId :

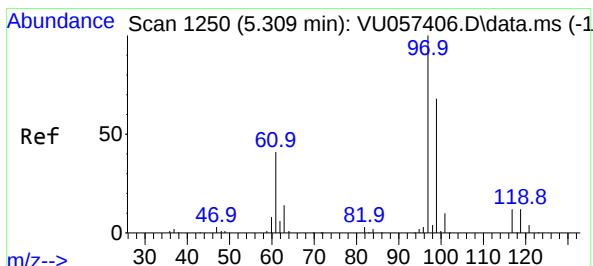
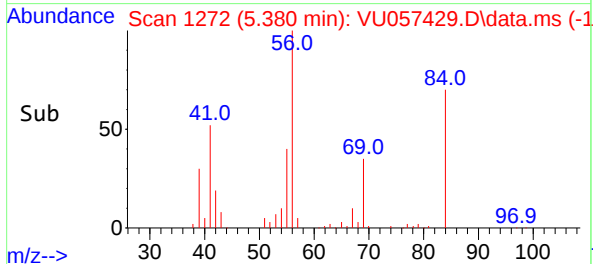
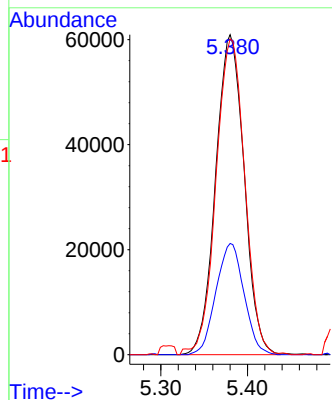
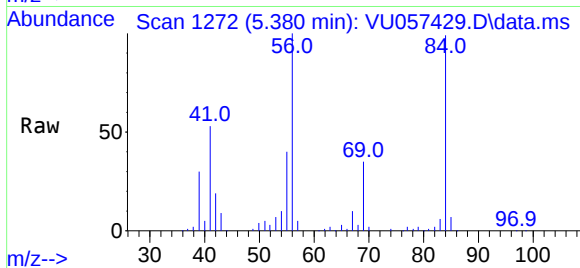
Tgt Ion: 56 Resp: 139110

Ion Ratio Lower Upper

56 100

69 34.2 27.8 41.8

84 99.0 79.3 118.9



#30

1,1,1-Trichloroethane

Concen: 47.980 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU057429.D

Acq: 09 Jan 2024 10:23

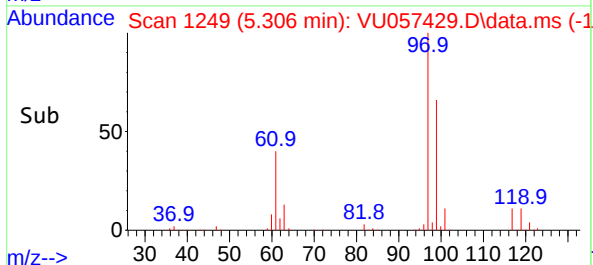
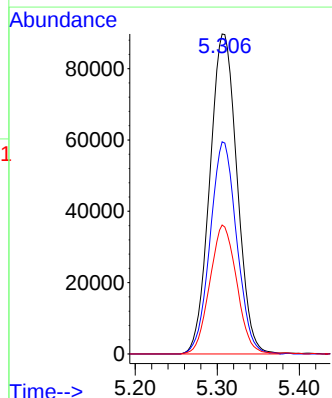
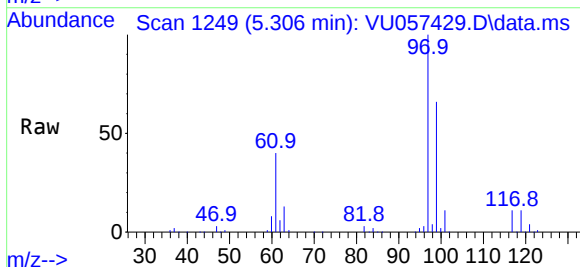
Tgt Ion: 97 Resp: 207153

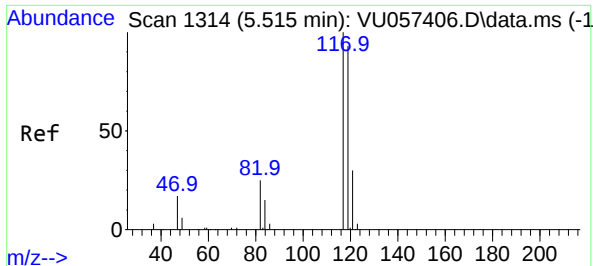
Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

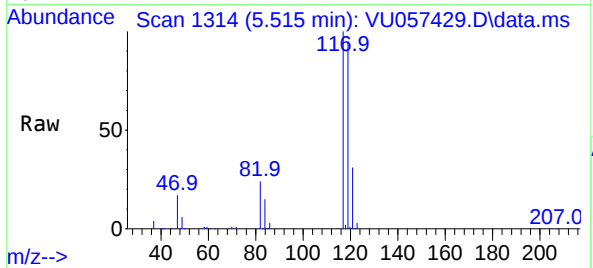
61 39.8 31.9 47.9



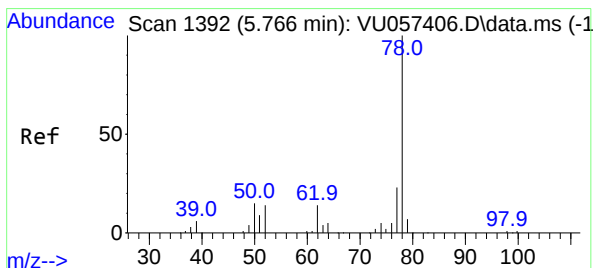
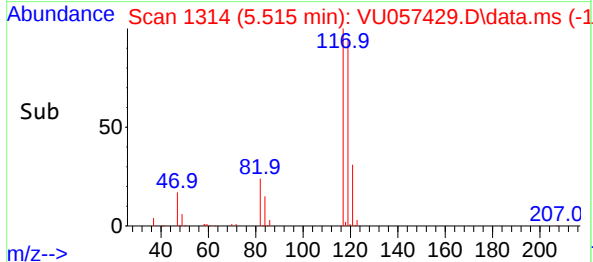
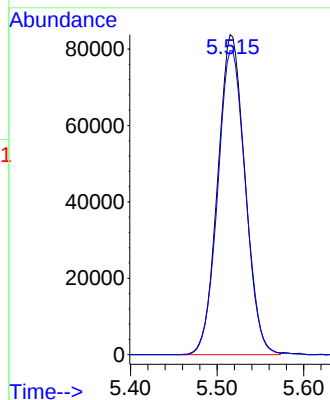


#31
Carbon tetrachloride
Concen: 47.855 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

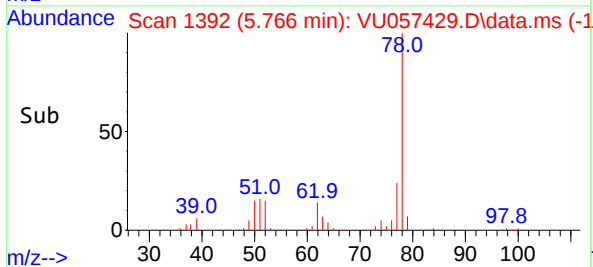
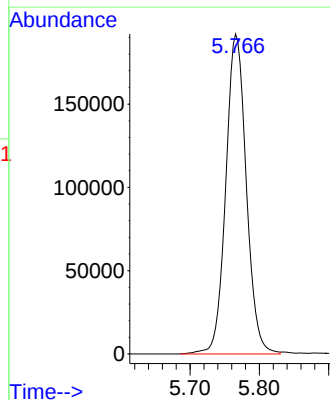
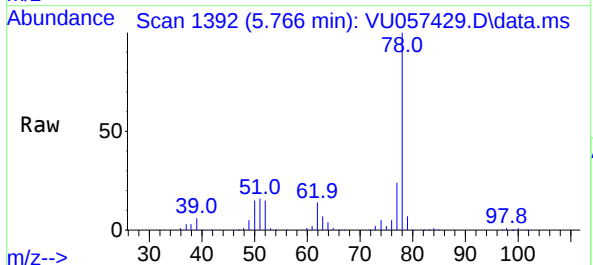


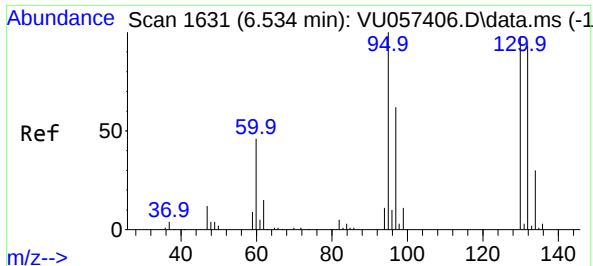
Tgt Ion:117 Resp: 183250
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7



#33
Benzene
Concen: 50.074 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

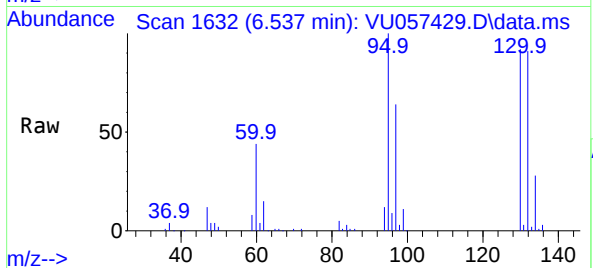
Tgt Ion: 78 Resp: 394886



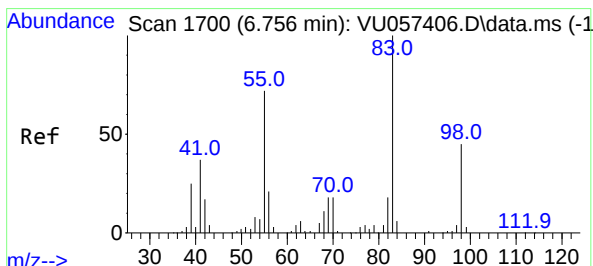
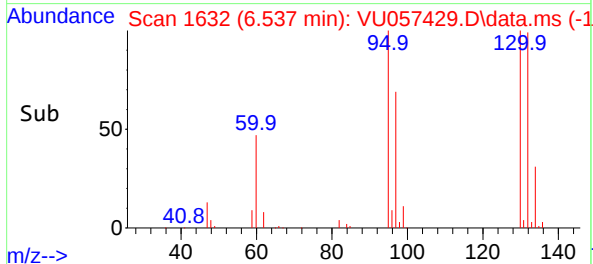
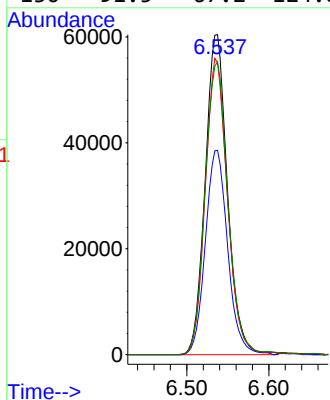


#34
Trichloroethene
Concen: 49.625 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

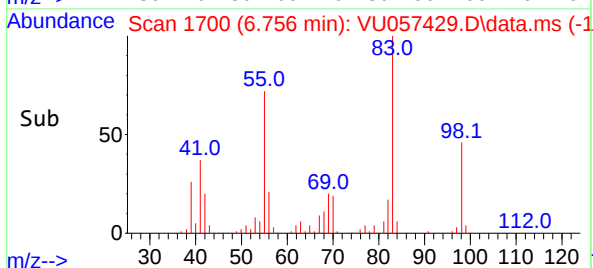
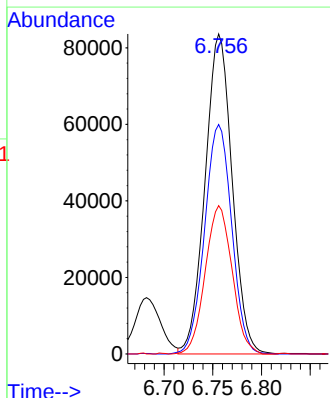
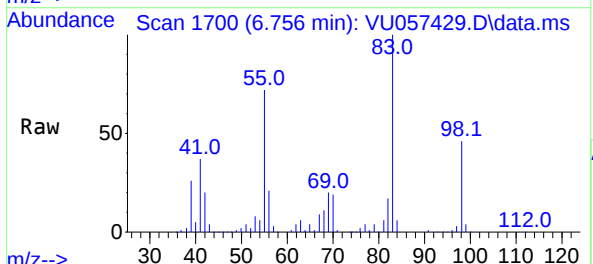


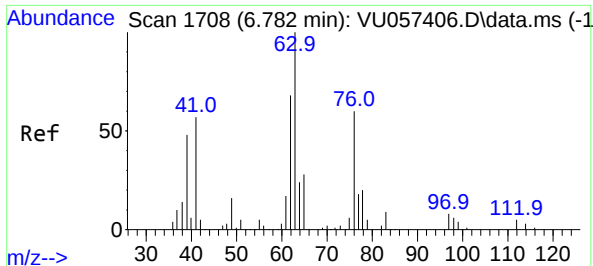
Tgt Ion: 95 Resp: 114255
Ion Ratio Lower Upper
95 100
97 63.8 46.2 85.8
132 91.2 64.3 119.5
130 91.5 67.2 124.8



#35
Methylcyclohexane
Concen: 51.648 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 83 Resp: 161786
Ion Ratio Lower Upper
83 100
55 71.8 58.0 87.0
98 46.0 36.6 55.0

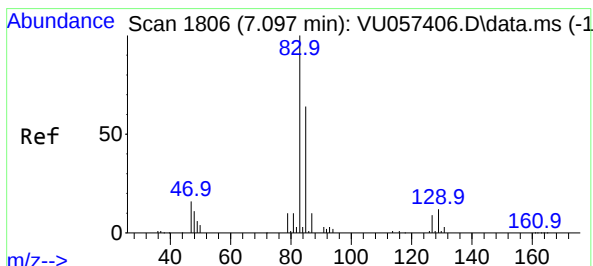
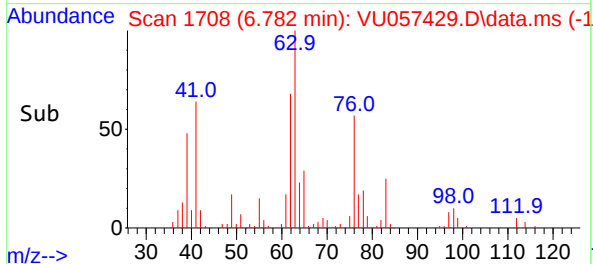
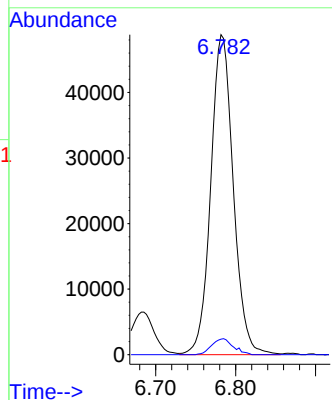
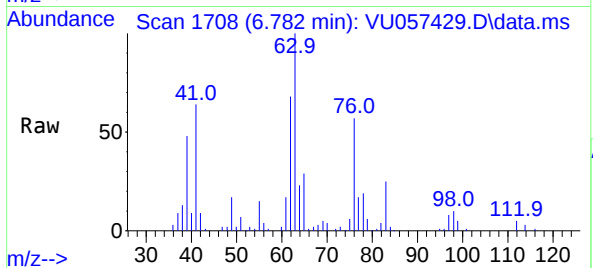




#37
1,2-Dichloropropane
Concen: 49.115 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

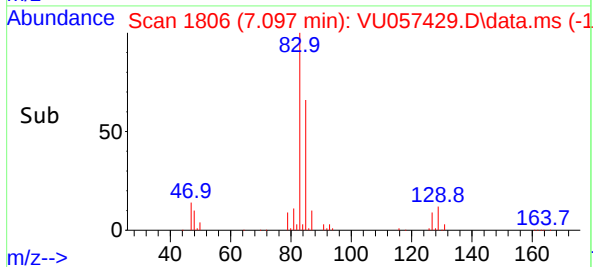
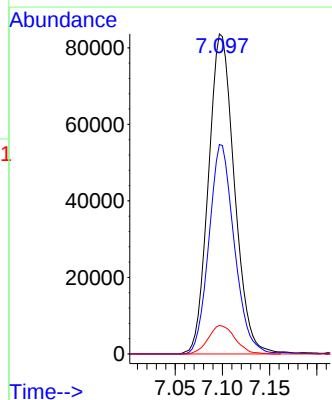
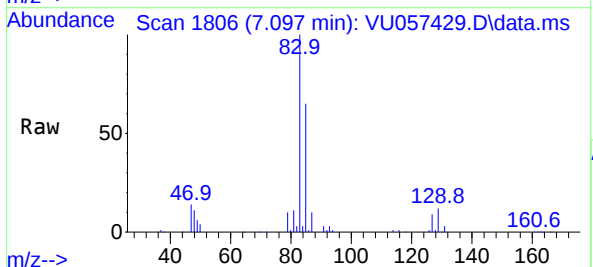
Instrument :
MSVOA_U
ClientSampleId :

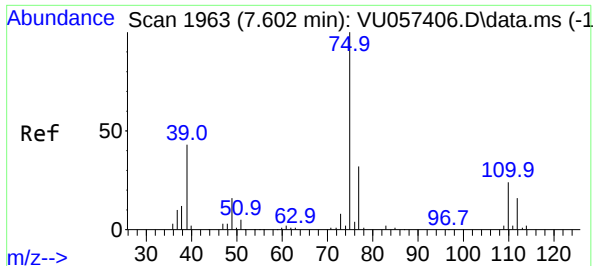
Tgt Ion: 63 Resp: 95579
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.8



#38
Bromodichloromethane
Concen: 48.462 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 83 Resp: 159761
Ion Ratio Lower Upper
83 100
85 65.5 44.7 83.1
127 8.9 7.7 11.5

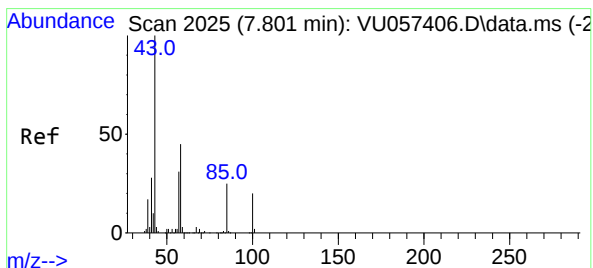
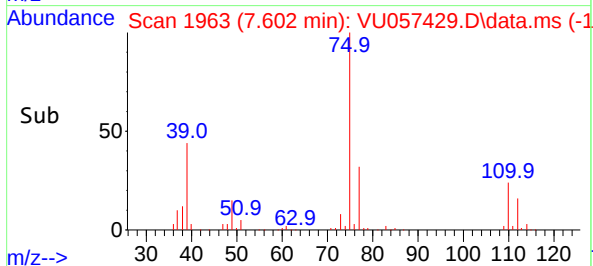
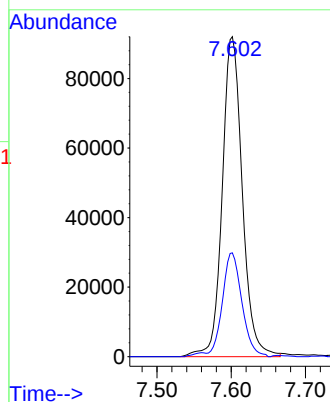
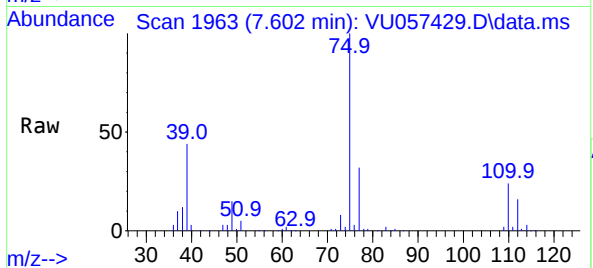




#39
cis-1,3-Dichloropropene
Concen: 50.885 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

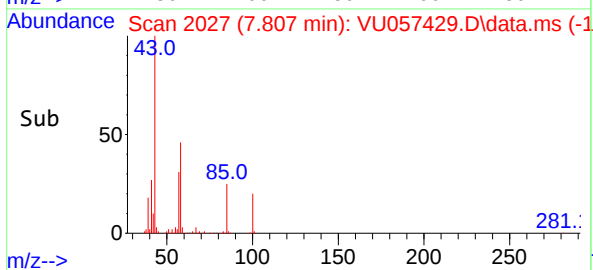
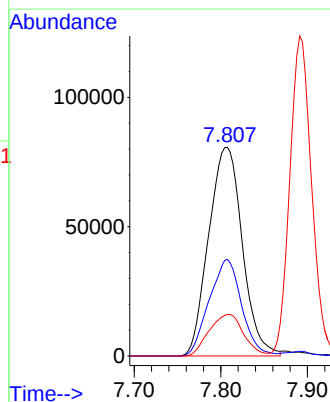
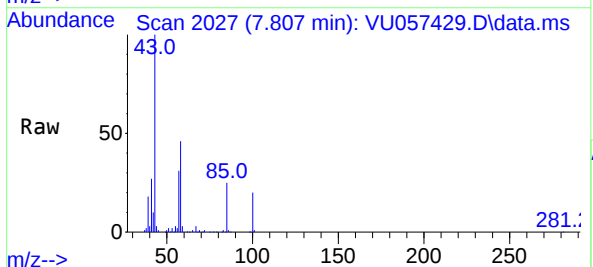
Instrument :
MSVOA_U
ClientSampleId :

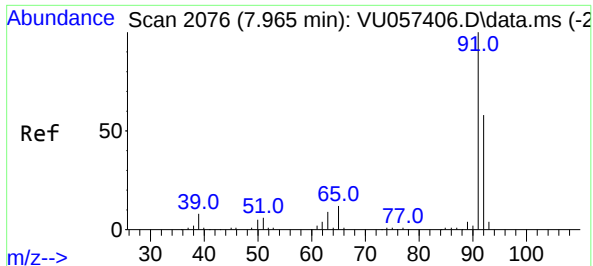
Tgt Ion: 75 Resp: 173399
Ion Ratio Lower Upper
75 100
77 32.4 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 110.122 ug/L
RT: 7.807 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 43 Resp: 218355
Ion Ratio Lower Upper
43 100
58 44.4 36.2 54.4
100 20.4 16.6 24.8

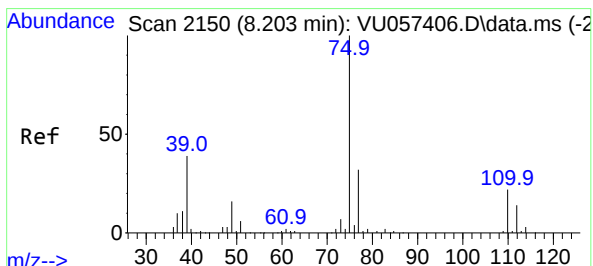
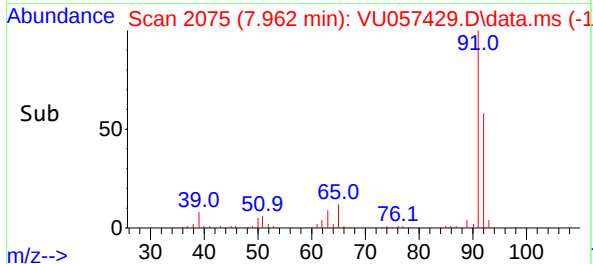
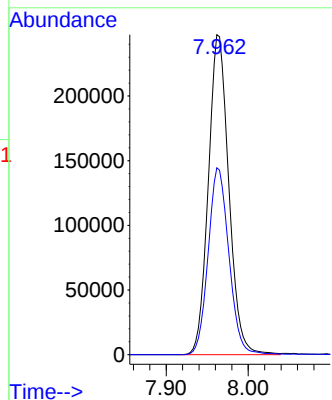
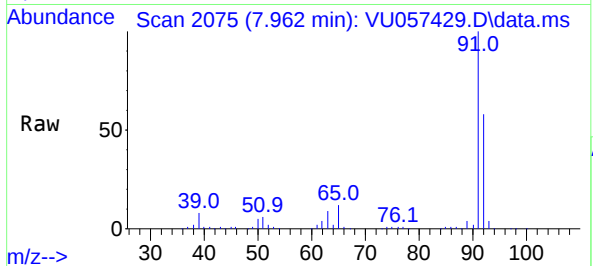




#42
Toluene
Concen: 50.515 ug/L
RT: 7.962 min Scan# 2076
Delta R.T. -0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

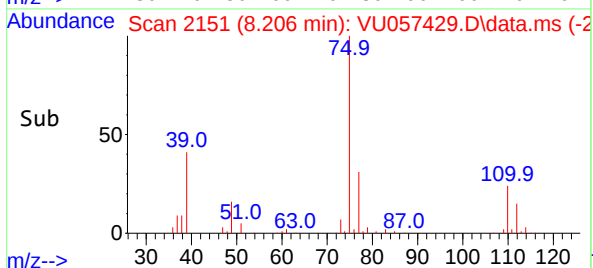
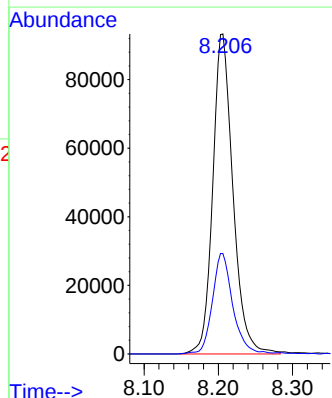
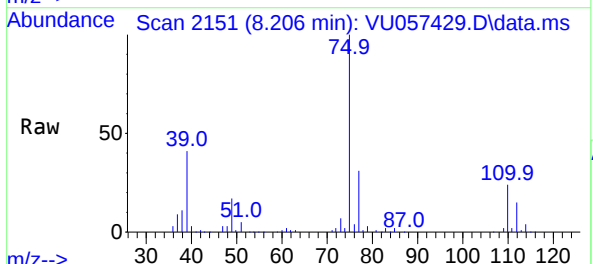
Instrument :
MSVOA_U
ClientSampleId :

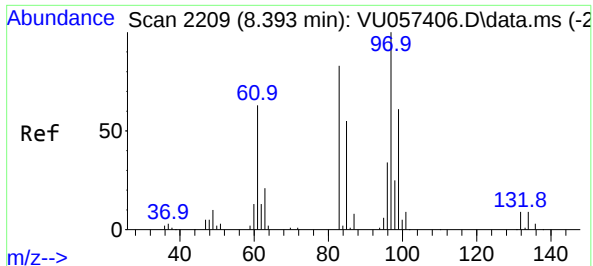
Tgt Ion: 91 Resp: 428365
Ion Ratio Lower Upper
91 100
92 58.4 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 51.517 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 75 Resp: 176248
Ion Ratio Lower Upper
75 100
77 31.4 21.3 39.5



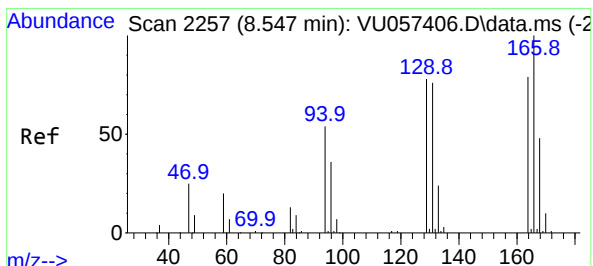
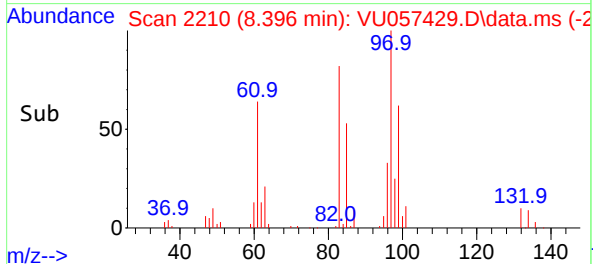
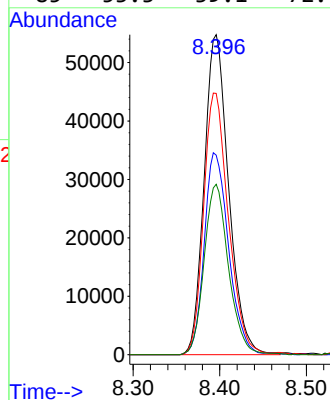
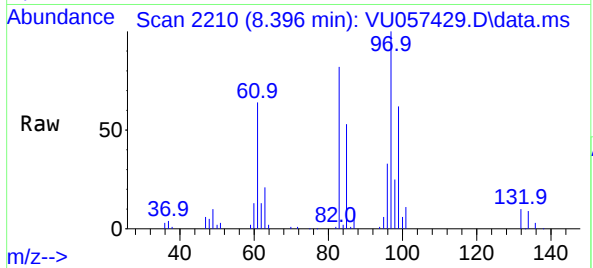


#45
1,1,2-Trichloroethane
Concen: 50.359 ug/L
RT: 8.396 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 107831

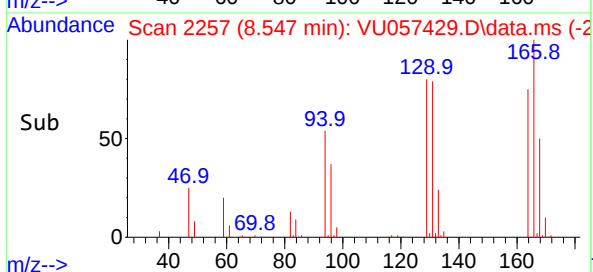
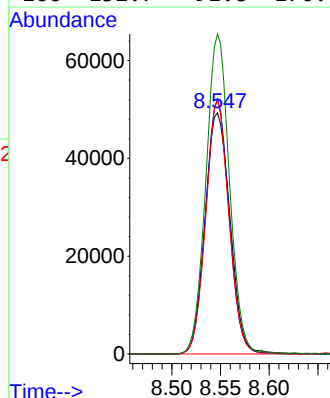
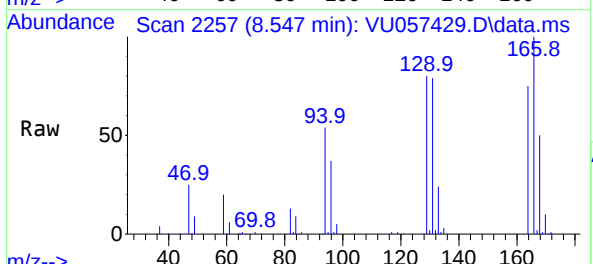
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.5
83	81.7	56.9	105.7
85	53.3	39.1	72.7

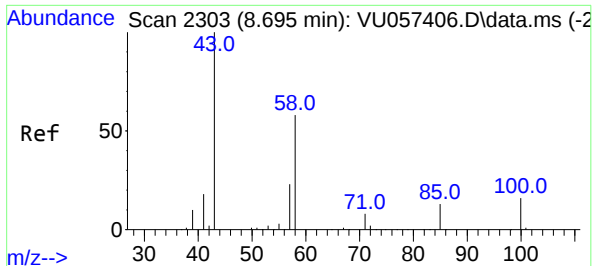


#46
Tetrachloroethene
Concen: 50.386 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 164 Resp: 87753

Ion	Ratio	Lower	Upper
164	100		
129	105.7	72.3	134.3
131	105.3	68.8	127.8
166	132.7	91.8	170.4

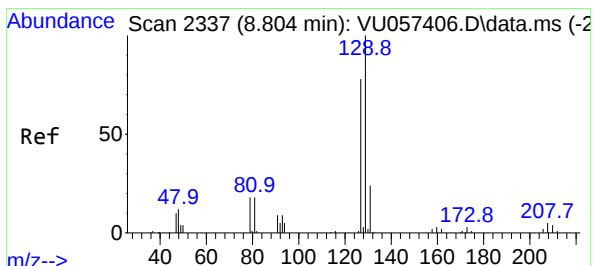
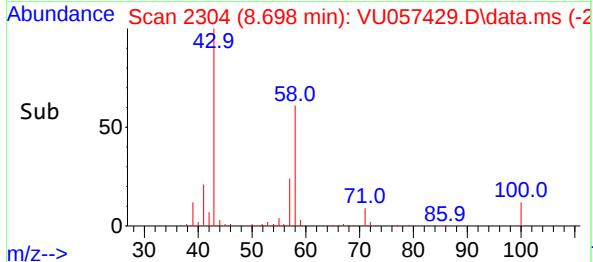
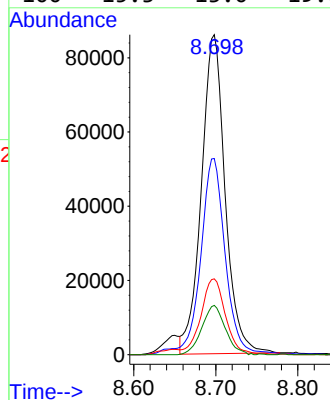
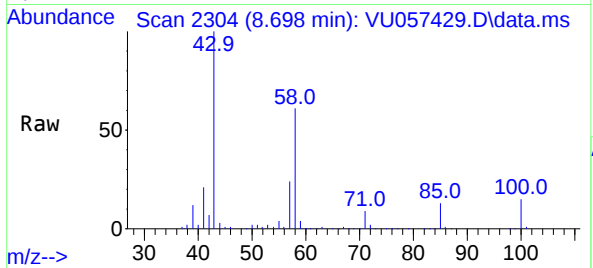




#48
2-Hexanone
Concen: 108.727 ug/L
RT: 8.698 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

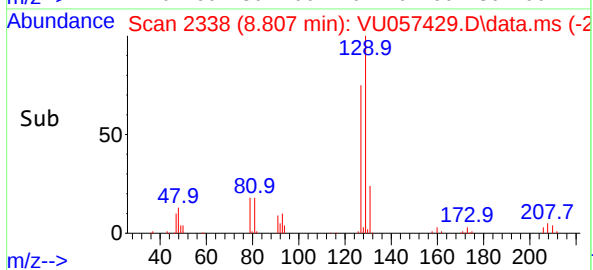
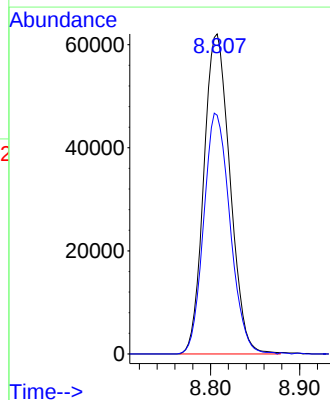
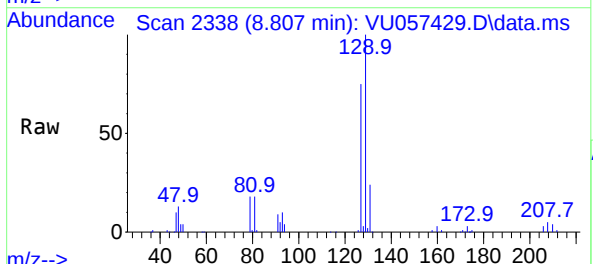
Instrument :
MSVOA_U
ClientSampleId :

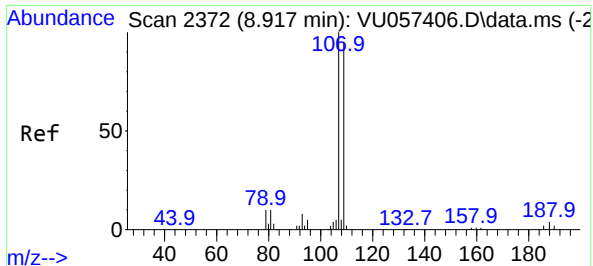
Tgt Ion: 43 Resp: 173448
Ion Ratio Lower Upper
43 100
58 64.1 49.4 74.2
57 24.0 19.1 28.7
100 15.3 13.0 19.6



#49
Dibromochloromethane
Concen: 48.594 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

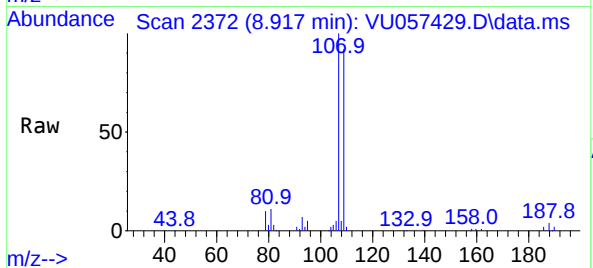
Tgt Ion:129 Resp: 126804
Ion Ratio Lower Upper
129 100
127 74.6 54.5 101.1



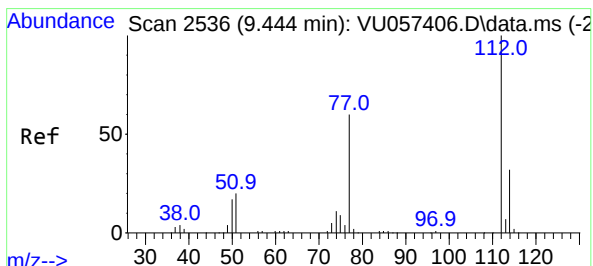
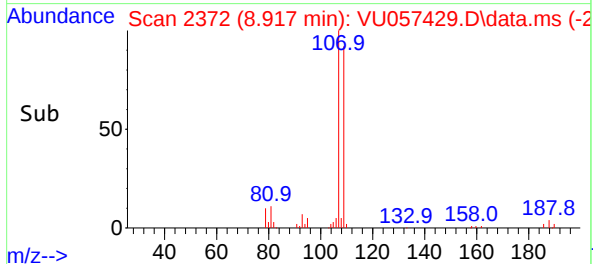
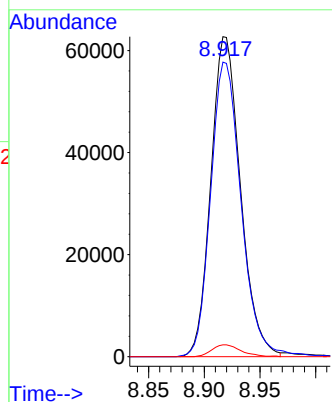


#50
1,2-Dibromoethane
Concen: 50.965 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

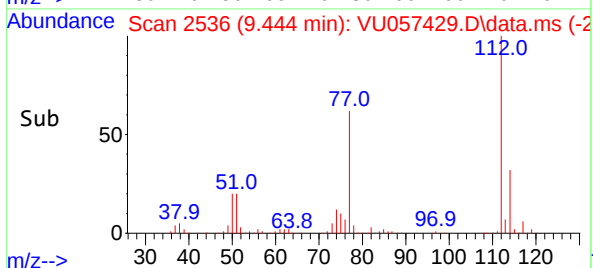
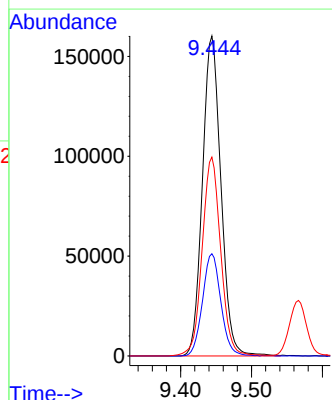
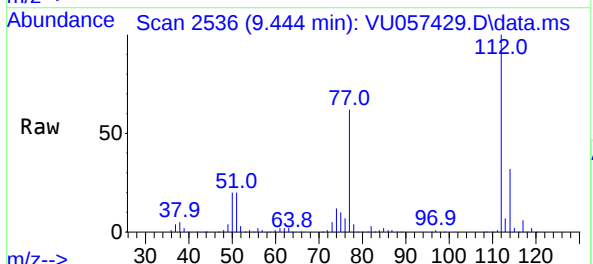


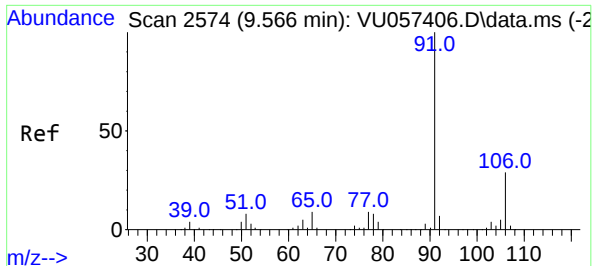
Tgt Ion:107 Resp: 115756
Ion Ratio Lower Upper
107 100
109 92.0 64.4 119.6
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 51.016 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion:112 Resp: 290680
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 62.1 50.1 75.1

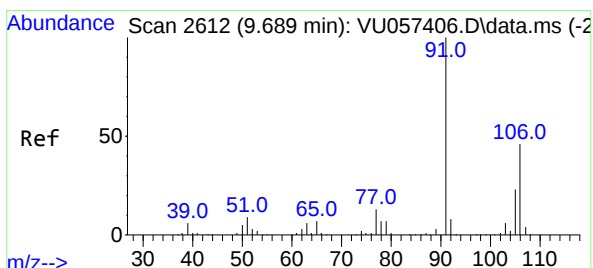
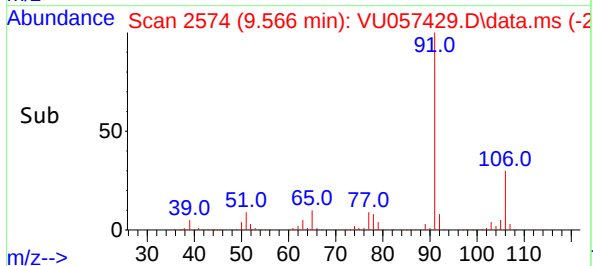
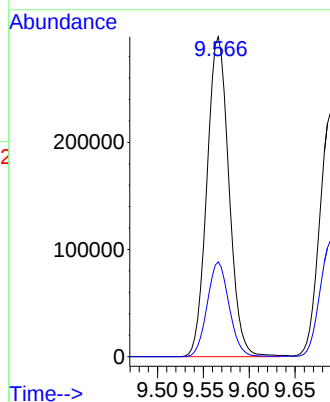
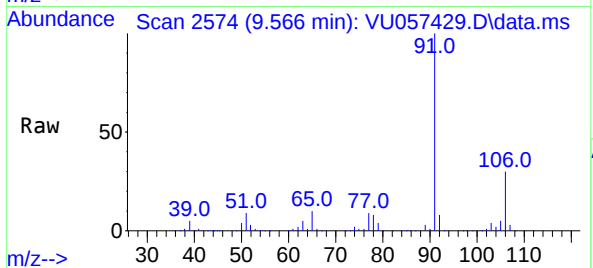




#52
Ethylbenzene
Concen: 52.747 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

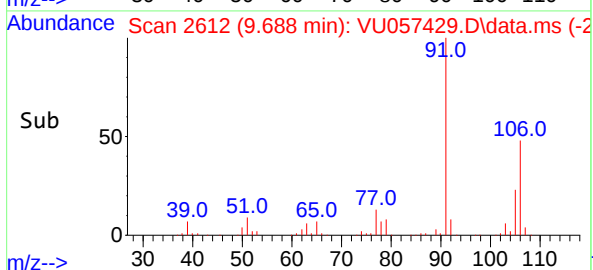
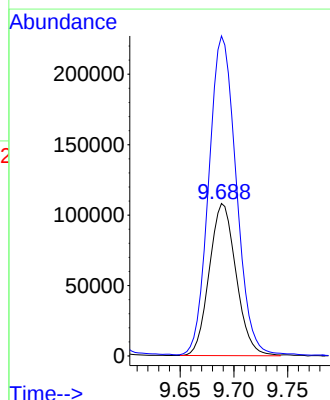
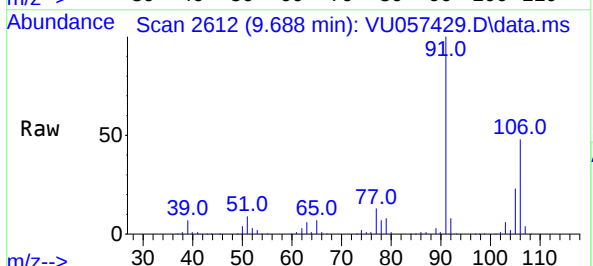
Instrument :
MSVOA_U
ClientSampleId :

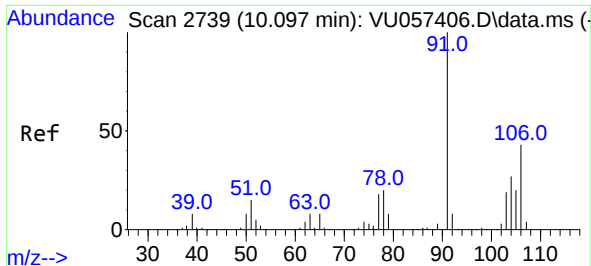
Tgt Ion: 91 Resp: 498084
Ion Ratio Lower Upper
91 100
106 29.7 21.0 39.0



#53
m,p-Xylene
Concen: 53.017 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion: 106 Resp: 187144
Ion Ratio Lower Upper
106 100
91 209.9 151.8 281.8

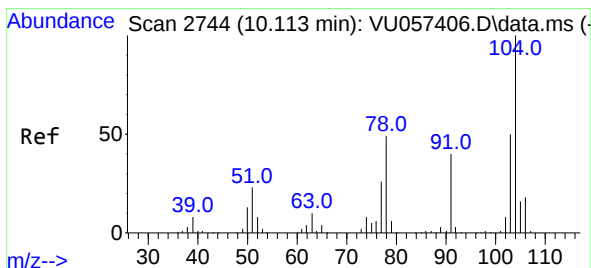
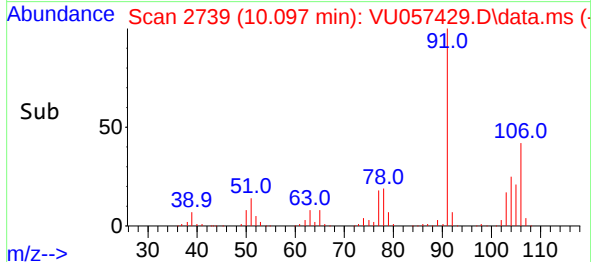
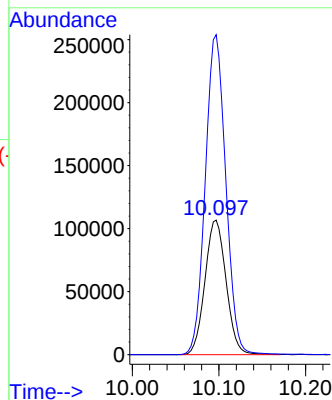
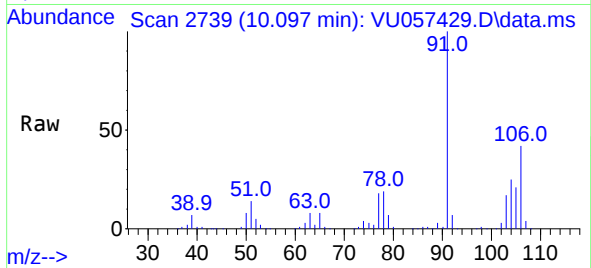




#54
o-Xylene
Concen: 52.592 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

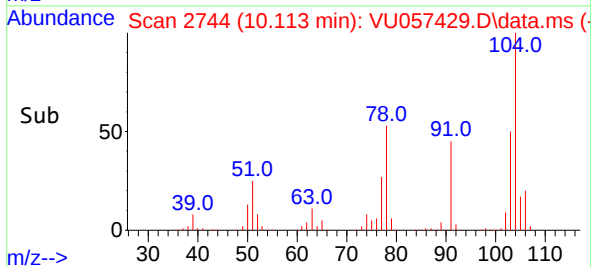
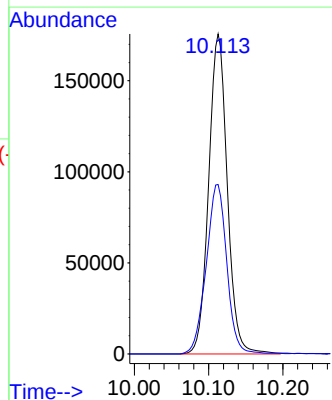
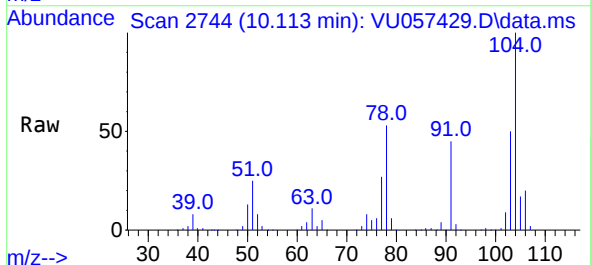
Instrument :
MSVOA_U
ClientSampleId :

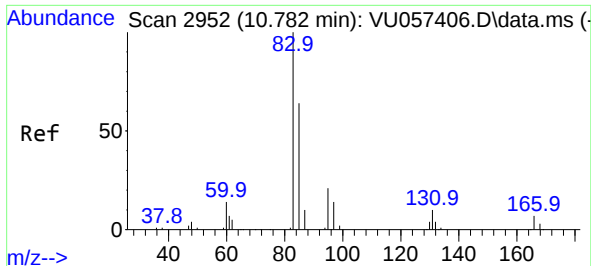
Tgt Ion:106 Resp: 181297
Ion Ratio Lower Upper
106 100
91 237.8 160.4 297.8



#55
Styrene
Concen: 52.373 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion:104 Resp: 305729
Ion Ratio Lower Upper
104 100
78 52.9 35.8 66.6

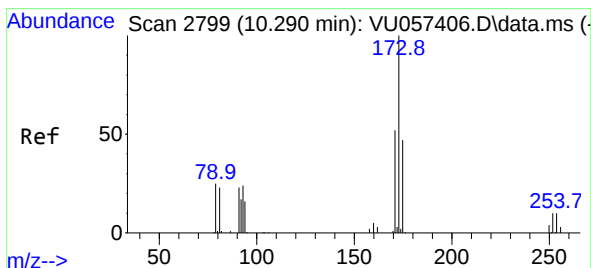
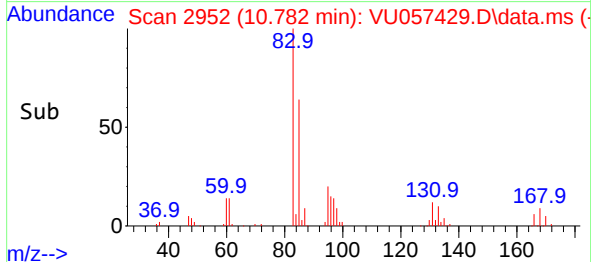
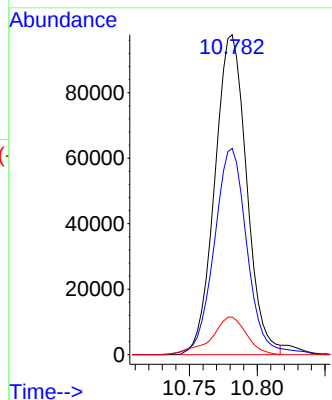
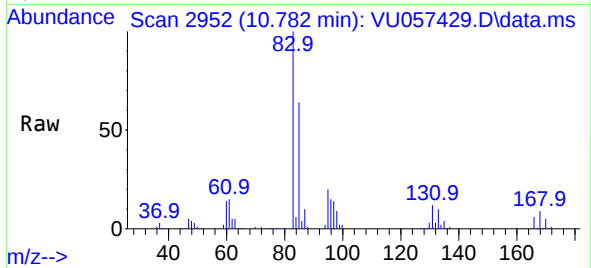




#57
1,1,2,2-Tetrachloroethane
Concen: 49.501 ug/L
RT: 10.782 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

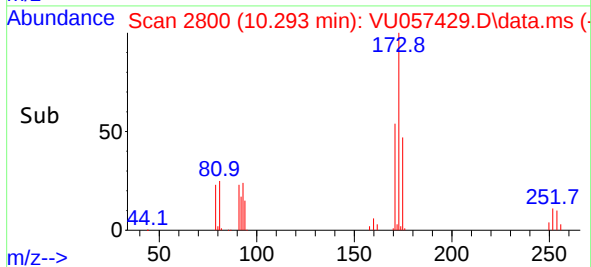
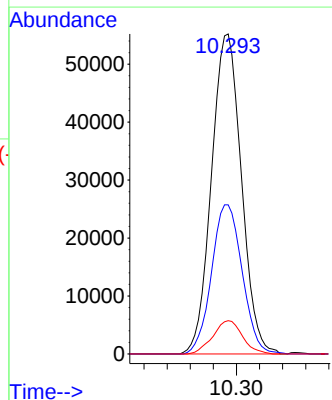
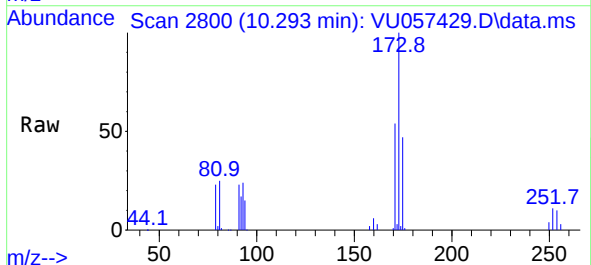
Instrument :
MSVOA_U
ClientSampleId :

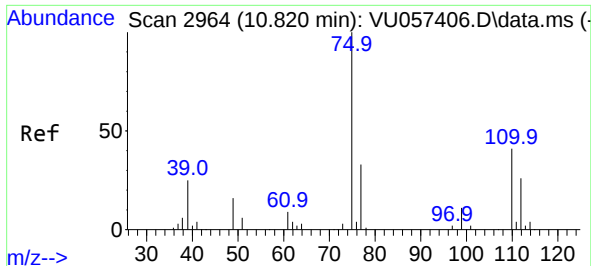
Tgt Ion: 83 Resp: 159823
Ion Ratio Lower Upper
83 100
85 64.5 47.9 88.9
131 11.7 9.8 14.8



#59
Bromoform
Concen: 49.736 ug/L
RT: 10.293 min Scan# 2800
Delta R.T. 0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion:173 Resp: 99266
Ion Ratio Lower Upper
173 100
175 47.8 38.4 57.6
254 10.3 7.9 11.9

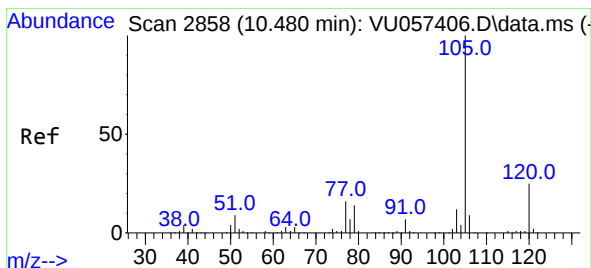
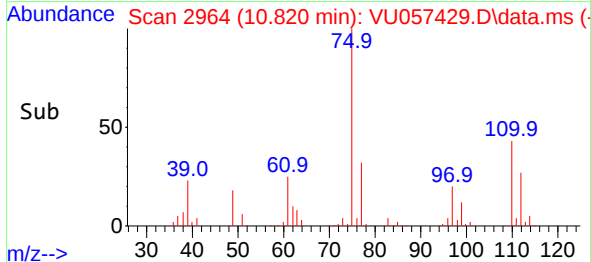
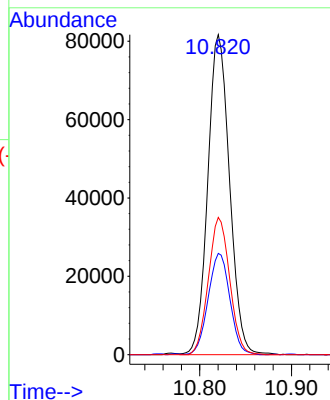
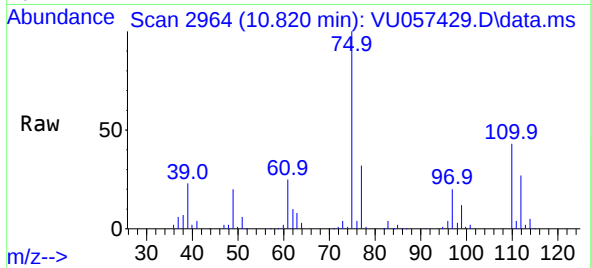




#60
1,2,3-Trichloropropane
Concen: 51.575 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

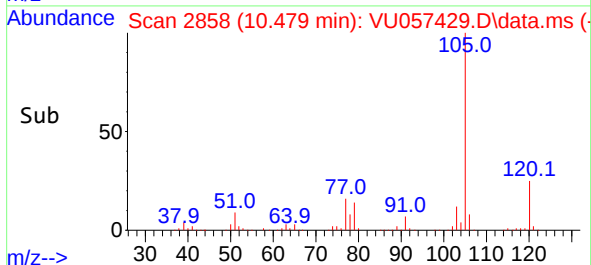
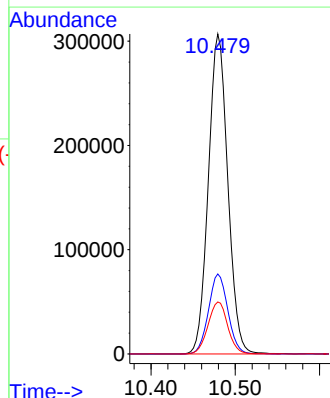
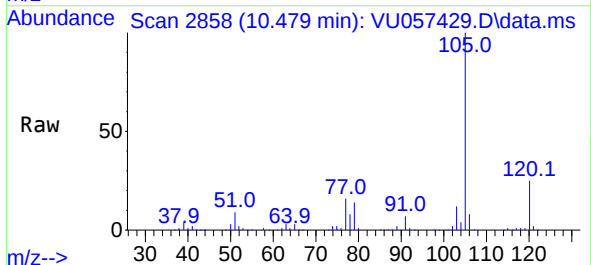
Instrument :
MSVOA_U
ClientSampleId :

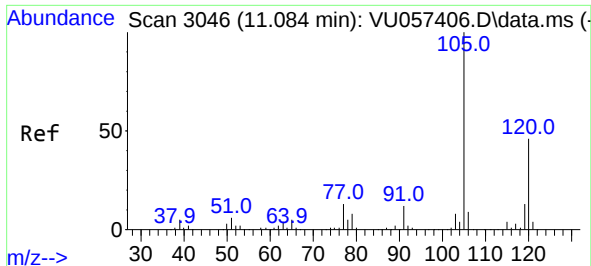
Tgt Ion: 75 Resp: 134470
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 42.1 33.6 50.4



#61
Isopropylbenzene
Concen: 54.599 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion:105 Resp: 492188
Ion Ratio Lower Upper
105 100
120 25.0 19.9 29.9
77 16.5 13.3 19.9

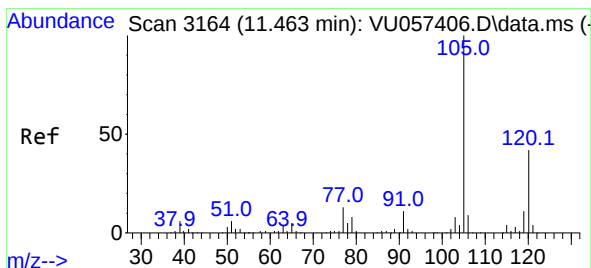
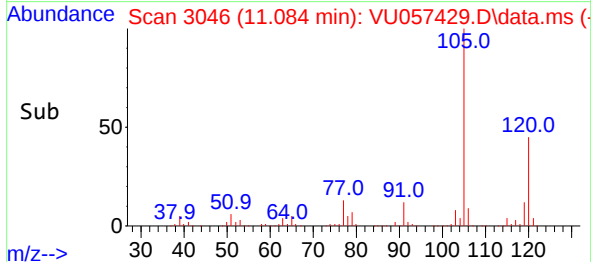
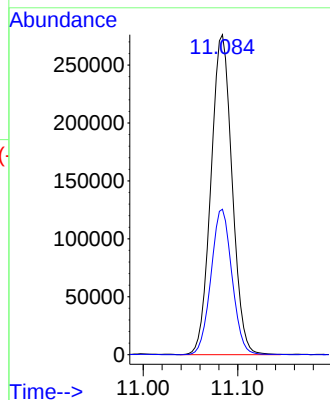
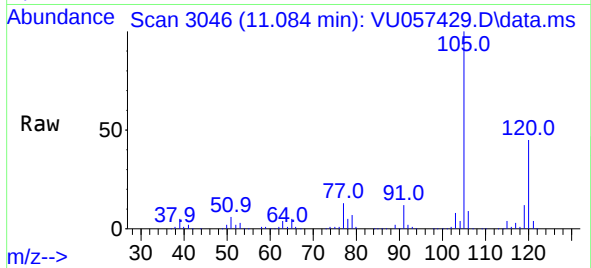




#62
1,3,5-Trimethylbenzene
Concen: 55.690 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

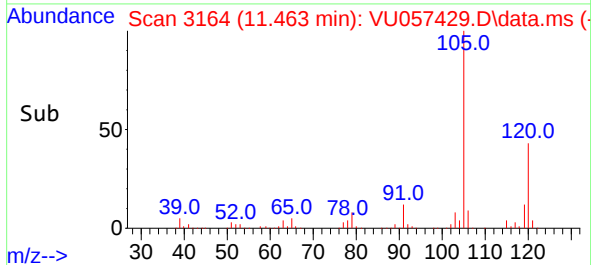
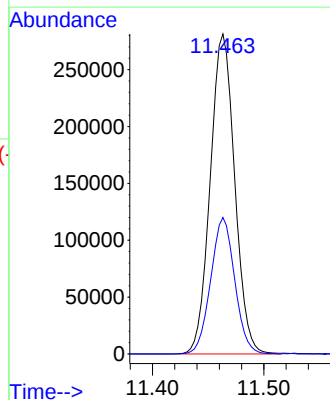
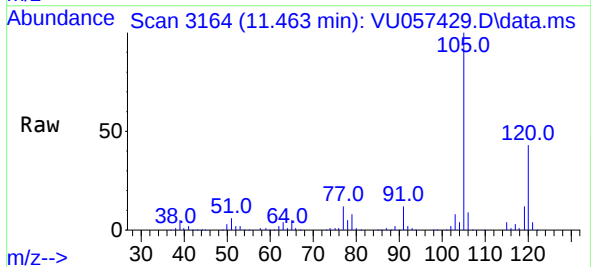
Instrument :
MSVOA_U
ClientSampleId :

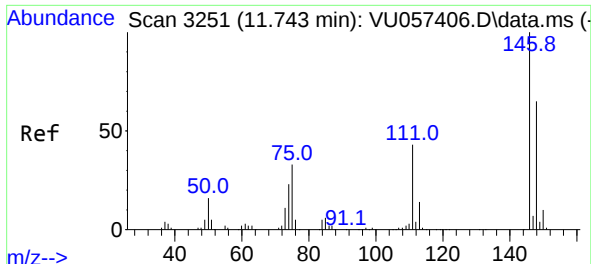
Tgt Ion:105 Resp: 429334
Ion Ratio Lower Upper
105 100
120 45.1 36.1 54.1



#63
1,2,4-Trimethylbenzene
Concen: 56.729 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

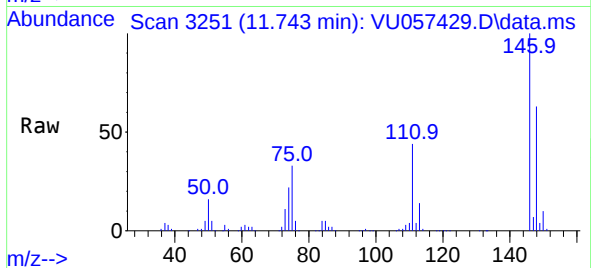
Tgt Ion:105 Resp: 429323
Ion Ratio Lower Upper
105 100
120 41.9 33.4 50.2



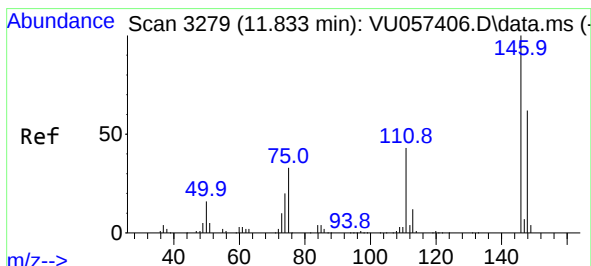
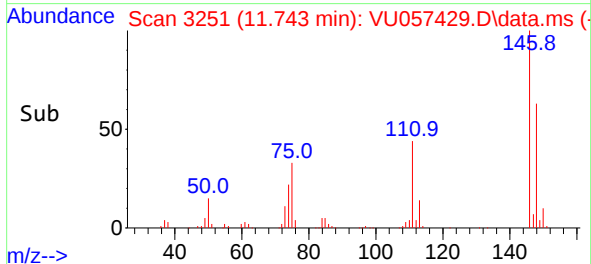
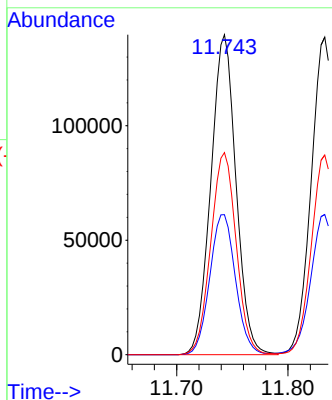


#64
1,3-Dichlorobenzene
Concen: 51.718 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

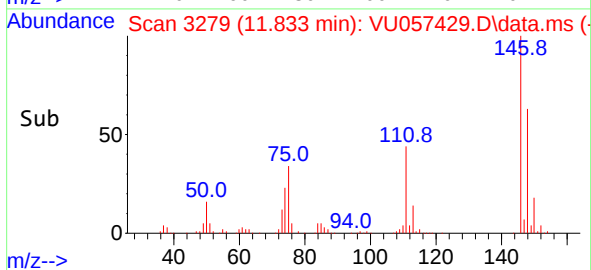
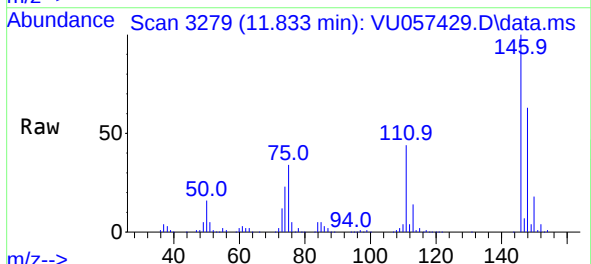
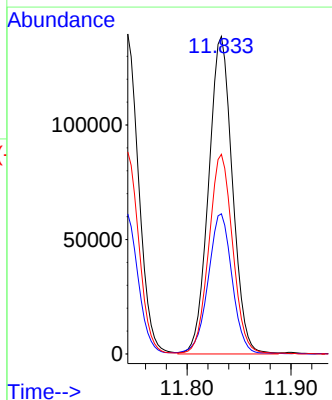


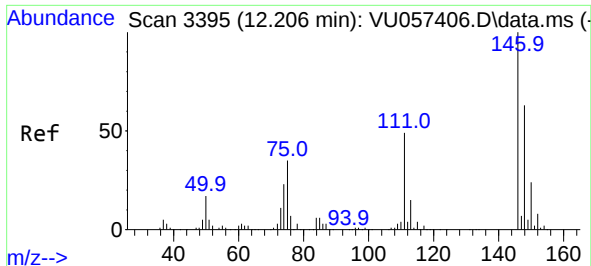
Tgt Ion:146 Resp: 219714
Ion Ratio Lower Upper
146 100
111 43.8 31.6 58.8
148 63.2 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 50.667 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion:146 Resp: 220957
Ion Ratio Lower Upper
146 100
111 44.1 30.3 56.3
148 62.8 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 50.925 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057429.D

Acq: 09 Jan 2024 10:23

Instrument :

MSVOA_U

ClientSampleId :

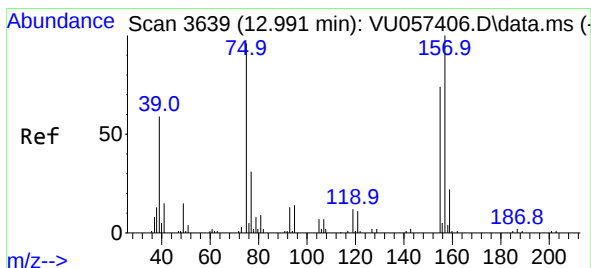
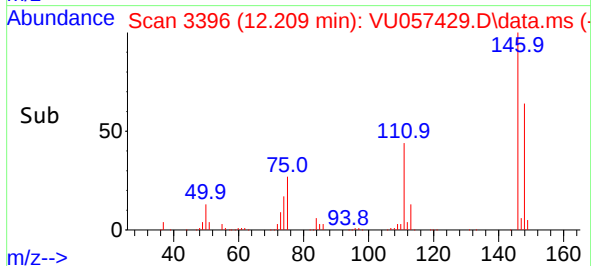
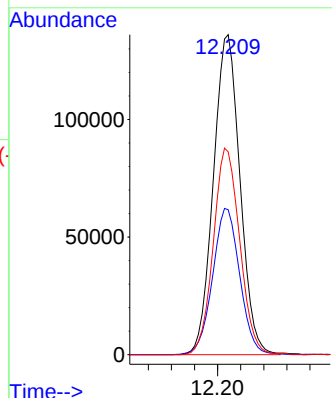
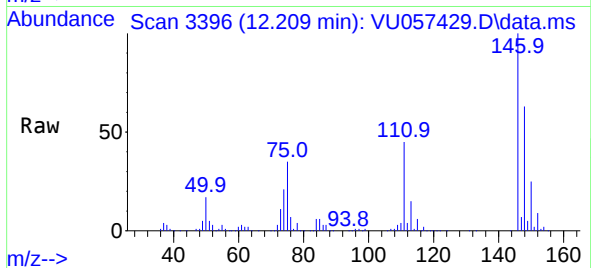
Tgt Ion:146 Resp: 218062

Ion Ratio Lower Upper

146 100

111 45.3 36.9 55.3

148 63.4 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 51.934 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057429.D

Acq: 09 Jan 2024 10:23

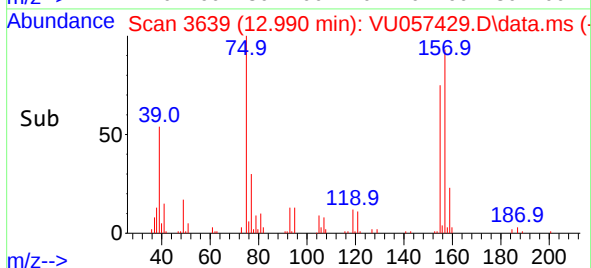
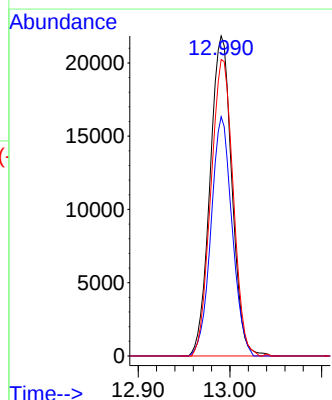
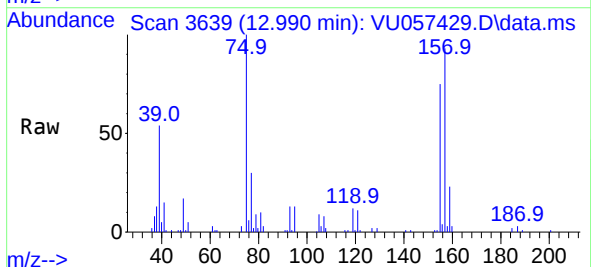
Tgt Ion: 75 Resp: 36156

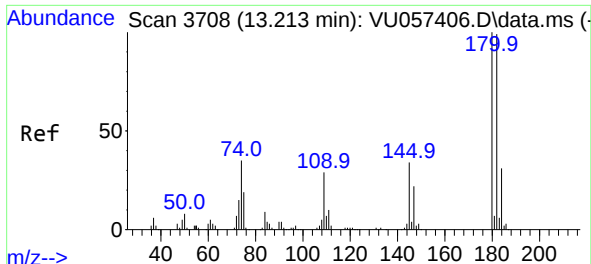
Ion Ratio Lower Upper

75 100

155 78.5 64.3 96.5

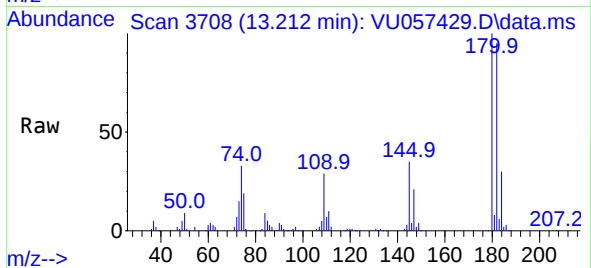
157 92.7 73.8 110.6



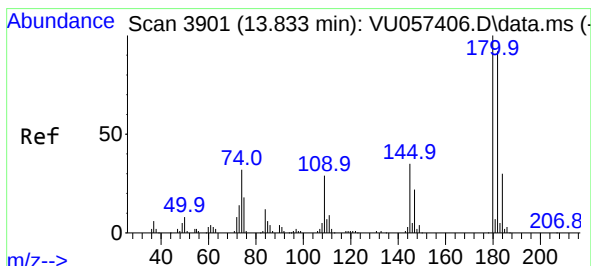
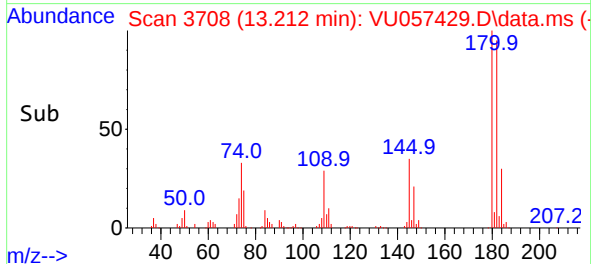
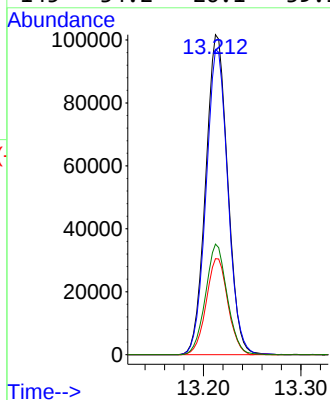


#69
1,3,5-Trichlorobenzene
Concen: 52.281 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

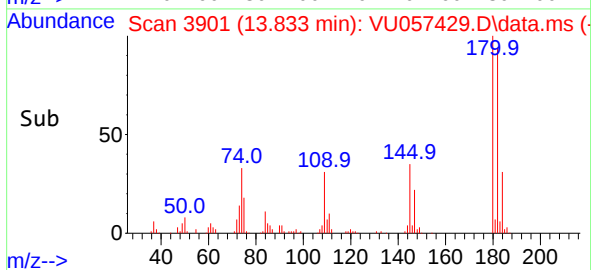
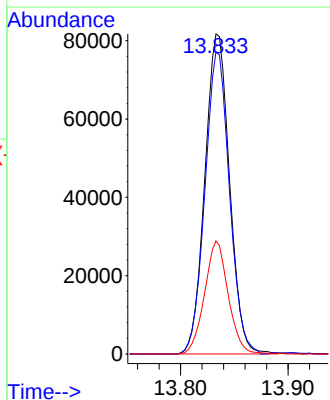
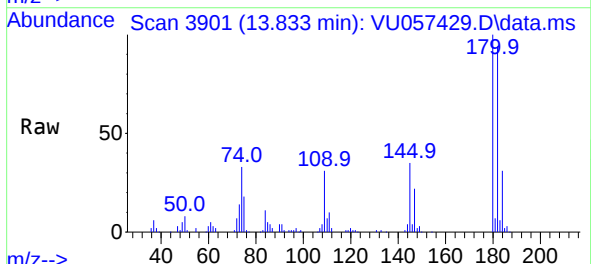


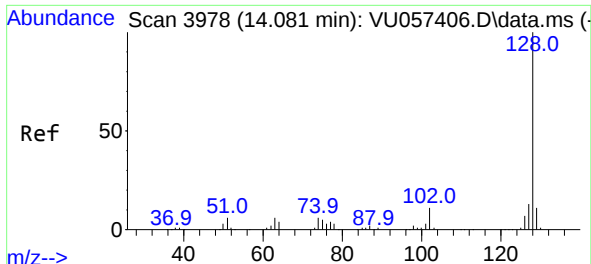
Tgt Ion:180 Resp: 158990
Ion Ratio Lower Upper
180 100
182 94.8 75.6 113.4
184 29.7 23.9 35.9
145 34.2 26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 56.217 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

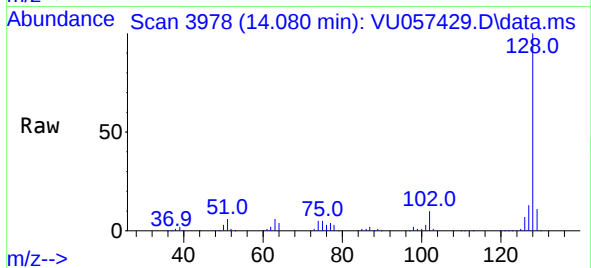
Tgt Ion:180 Resp: 130158
Ion Ratio Lower Upper
180 100
182 93.8 75.8 113.8
145 33.8 27.4 41.0



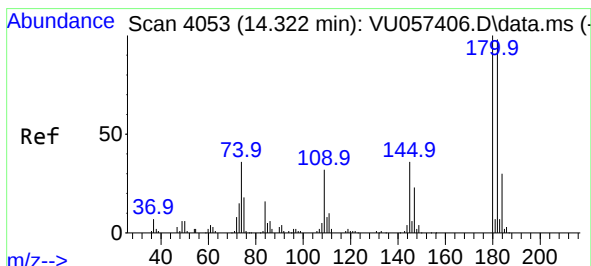
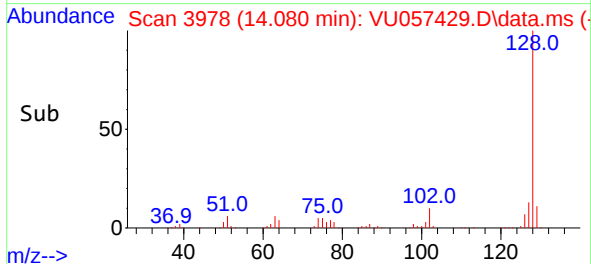
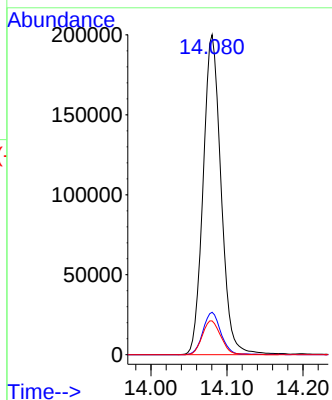


#71
Naphthalene
Concen: 60.541 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 327521
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 57.043 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU057429.D
Acq: 09 Jan 2024 10:23

Tgt Ion:180 Resp: 124899
Ion Ratio Lower Upper
180 100
182 96.8 77.5 116.3
145 35.8 28.2 42.4

