

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054513.D
 Acq On : 15 Jun 2023 09:21
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Jun 16 01:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	277225	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	77301	4.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.914	69	89929	5.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.566	65	36420	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.628	46	256374	51.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.360%
24) Chloroform-d	5.062	84	197110	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.698	65	93079	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.724	84	375333	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.685	67	129165	5.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.894	98	333117	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.177	79	37177	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.631	63	174371	47.591	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94408	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	126938	5.479	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	120065	4.635	ug/L	98
3) Chloromethane	1.518	50	138008	4.638	ug/L	100
5) Vinyl chloride	1.602	62	148601	4.865	ug/L	98
6) Bromomethane	1.856	94	79343	4.725	ug/L	97
8) Chloroethane	1.933	64	89298	4.878	ug/L	99
9) Trichlorofluoromethane	2.139	101	194007	5.167	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	110566	5.033	ug/L	97
12) 1,1-Dichloroethene	2.579	96	101357	5.041	ug/L	97
13) Acetone	2.637	43	161824	34.600	ug/L	98
14) Carbon disulfide	2.792	76	286890	4.811	ug/L	99
15) Methyl Acetate	2.952	43	42756	4.933	ug/L	97
16) Methylene chloride	3.046	84	118661	4.197	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	249436	5.026	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	103920	5.006	ug/L	97
19) 1,1-Dichloroethane	3.865	63	221648	5.159	ug/L	99
21) 2-Butanone	4.705	43	270494	44.563	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	119101	5.038	ug/L	98
23) Bromochloromethane	4.972	128	51104	5.195	ug/L	93
25) Chloroform	5.084	83	219476	5.182	ug/L	96

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 Acq On : 15 Jun 2023 09:21
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Jun 16 01:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

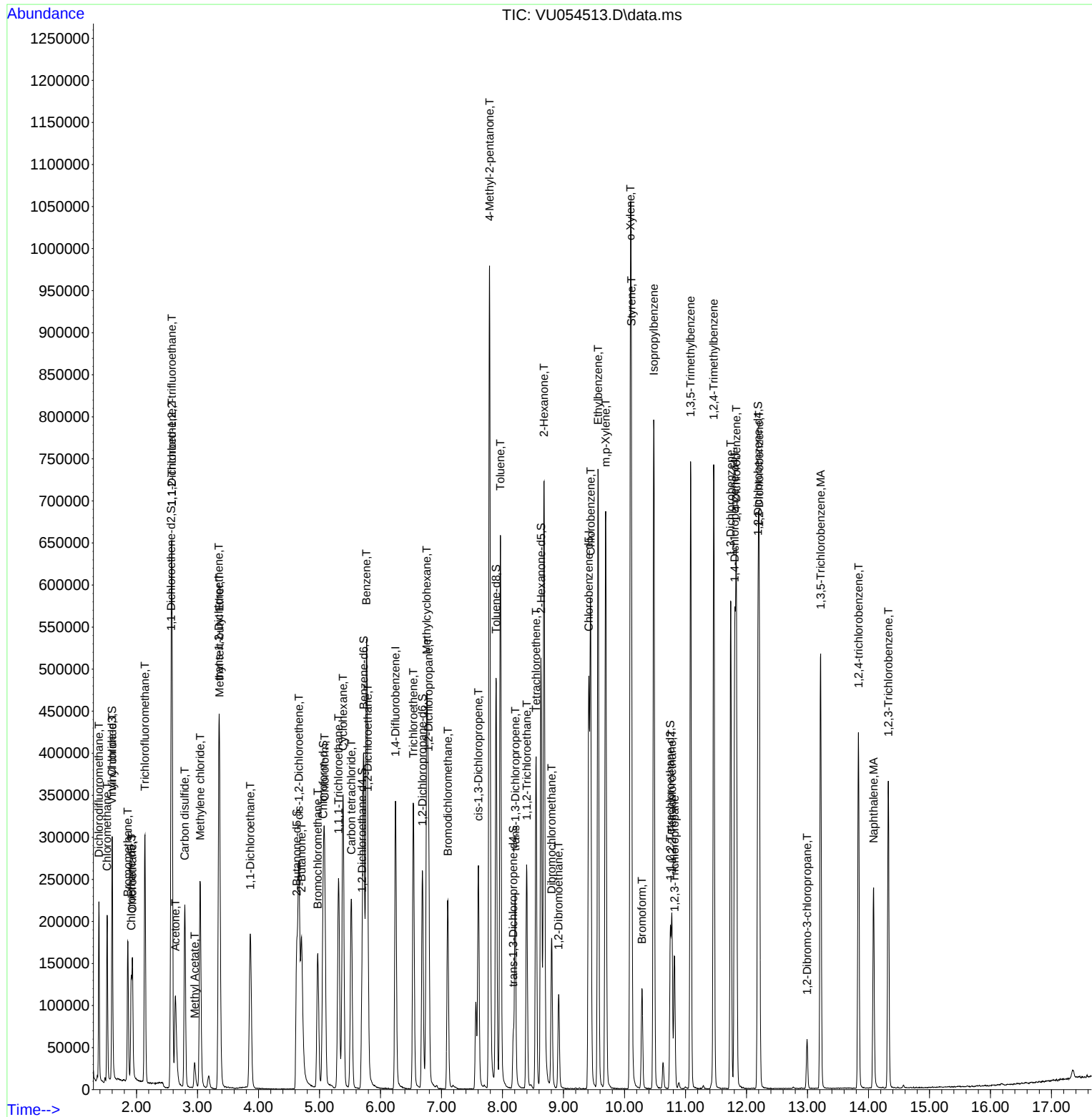
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	125658	5.061	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	182446	4.974	ug/L	98
30) Cyclohexane	5.386	56	177437	4.441	ug/L	98
31) Carbon tetrachloride	5.521	117	159312	5.040	ug/L	100
33) Benzene	5.769	78	469543	4.829	ug/L	100
34) Trichloroethene	6.537	95	121397	4.722	ug/L	97
35) Methylcyclohexane	6.759	83	166831	4.293	ug/L	99
37) 1,2-Dichloropropane	6.788	63	124389	4.732	ug/L	100
38) Bromodichloromethane	7.103	83	150311	5.051	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	166814	4.648	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	666566	47.515	ug/L	100
42) Toluene	7.965	91	493953	4.933	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	134664	4.623	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	83069	4.967	ug/L	99
47) Tetrachloroethene	8.550	164	89085	4.527	ug/L	96
48) 2-Hexanone	8.682	43	474195	45.366	ug/L	100
49) Dibromochloromethane	8.804	129	93361	5.317	ug/L	98
50) 1,2-Dibromoethane	8.920	107	76162	4.961	ug/L	96
51) Chlorobenzene	9.444	112	302563	4.848	ug/L	99
52) Ethylbenzene	9.566	91	520629	4.761	ug/L	98
53) m,p-Xylene	9.692	106	193883	4.827	ug/L	99
54) o-Xylene	10.097	106	187870	4.836	ug/L	98
55) Styrene	10.113	104	323476	4.961	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	102731	4.836	ug/L	99
59) Bromoform	10.286	173	55598	5.638	ug/L	99
60) Isopropylbenzene	10.479	105	507429	5.050	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	67967	4.897	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	399609	4.875	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	403612	4.848	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	241836	5.149	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	237640	5.042	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	218644	5.062	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	15608	5.117	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	166148	4.689	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	134181	4.579	ug/L	98
71) Naphthalene	14.084	128	191134	4.011	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	114350	4.542	ug/L	99

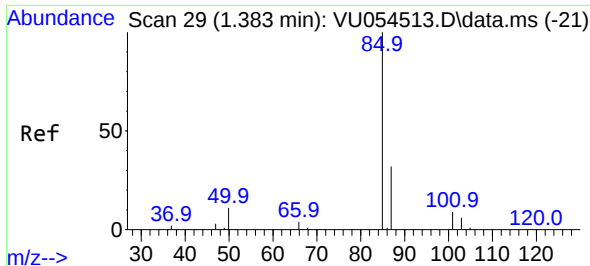
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Data File : VU054513.D
Acq On : 15 Jun 2023 09:21
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Quant Time: Jun 16 01:30:26 2023
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QLast Update : Wed Jun 14 00:05:43 2023
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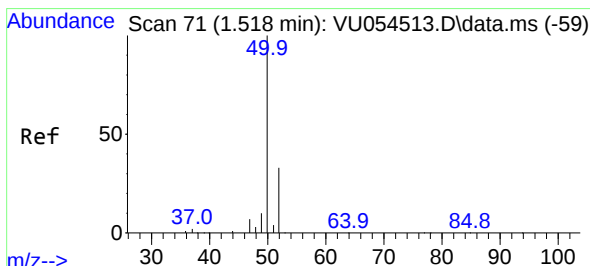
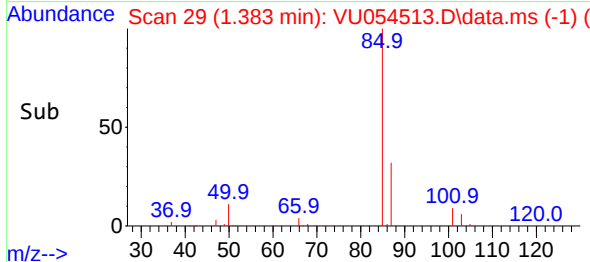
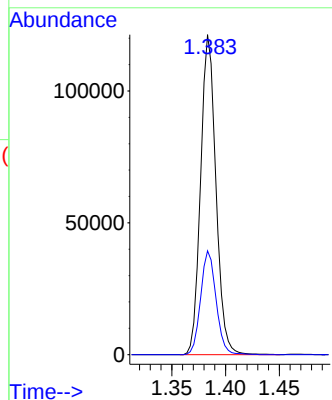
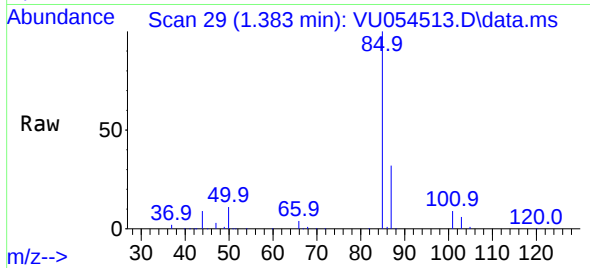




#2
 Dichlorodifluoromethane
 Concen: 4.635 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054513.D
 Acq: 15 Jun 2023 09:21

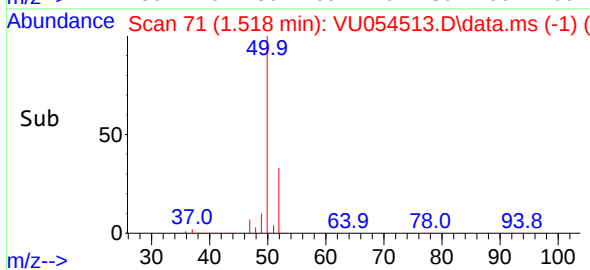
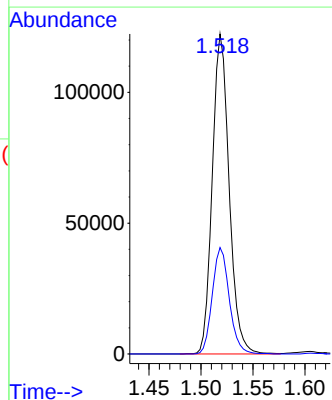
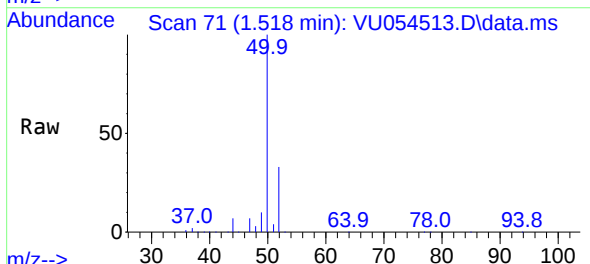
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

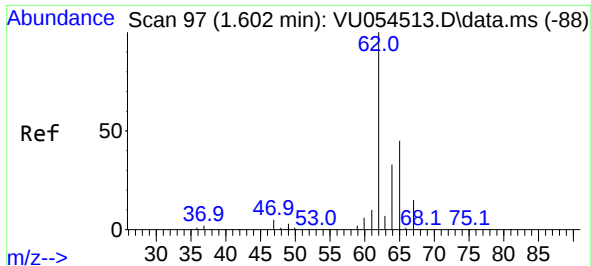
Tgt Ion: 85 Resp: 120065
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.4 38.2



#3
 Chloromethane
 Concen: 4.638 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054513.D
 Acq: 15 Jun 2023 09:21

Tgt Ion: 50 Resp: 138008
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.4

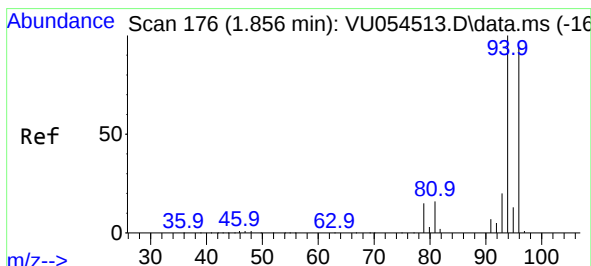
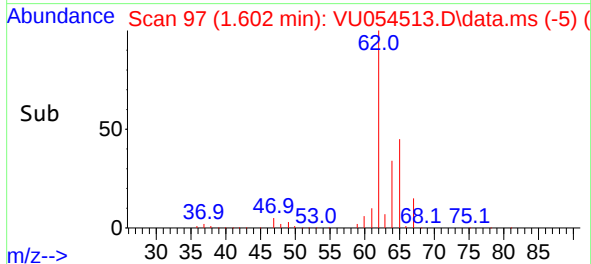
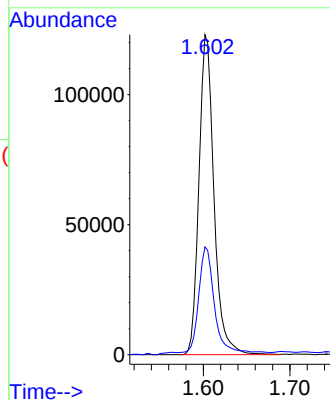
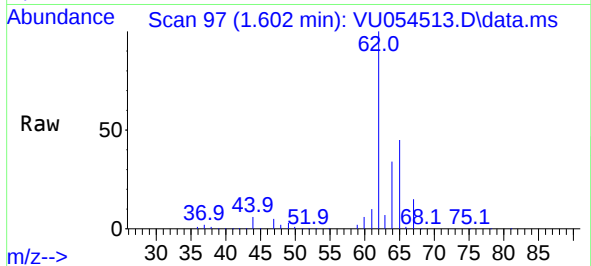




#5
 Vinyl chloride
 Concen: 4.865 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054513.D
 Acq: 15 Jun 2023 09:21

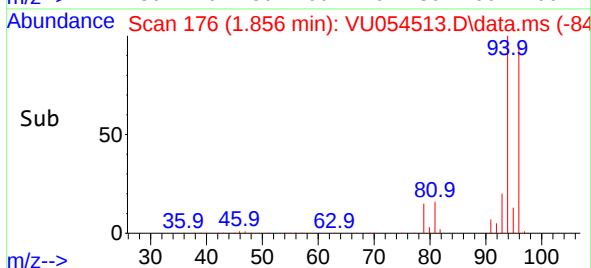
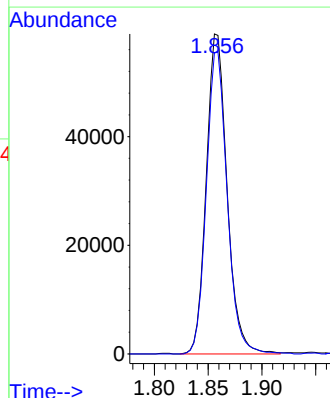
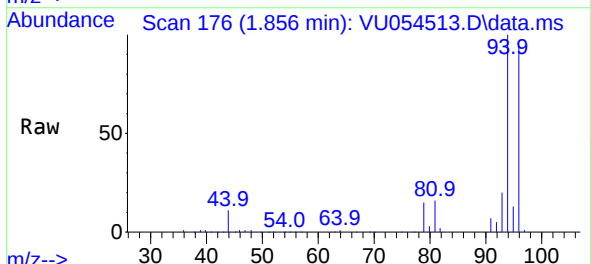
Instrument :
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 ClientSampleId :
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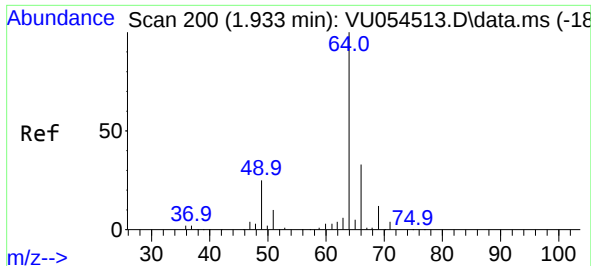
Tgt Ion: 62 Resp: 148601
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.0 42.6



#6
 Bromomethane
 Concen: 4.725 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU054513.D
 Acq: 15 Jun 2023 09:21

Tgt Ion: 94 Resp: 79343
 Ion Ratio Lower Upper
 94 100
 96 94.2 63.6 118.2

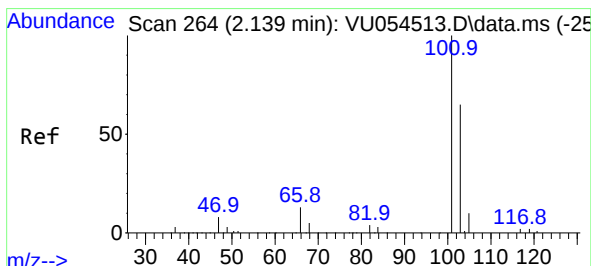
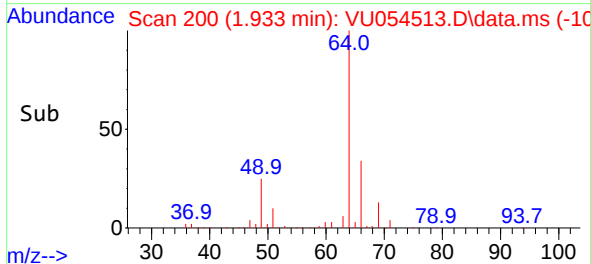
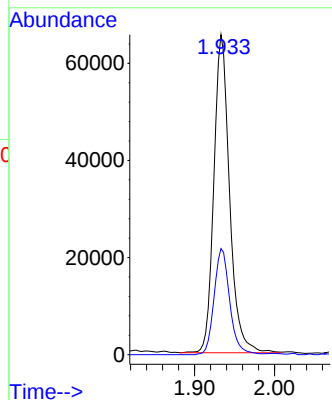
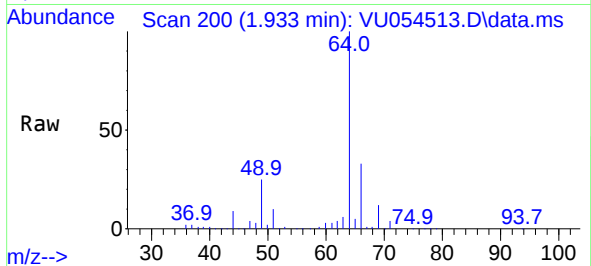




#8
Chloroethane
Concen: 4.878 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

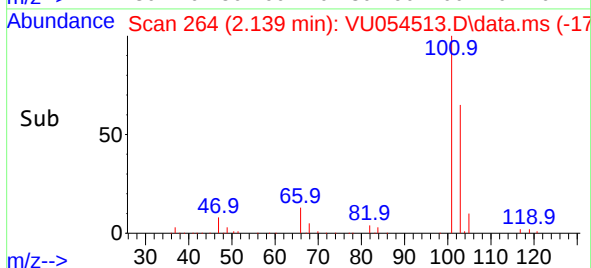
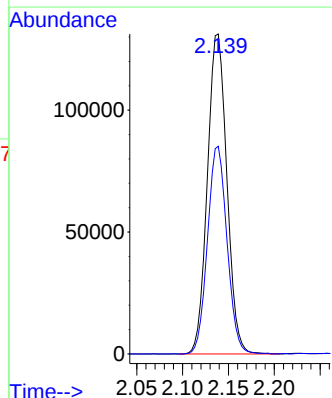
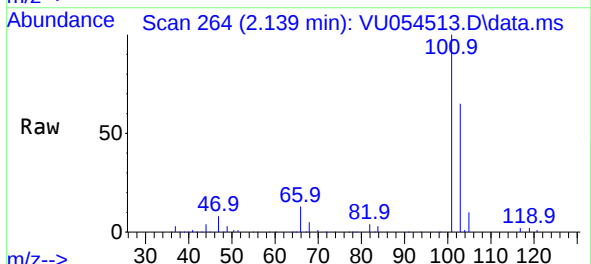
Instrument :
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VSTD005184

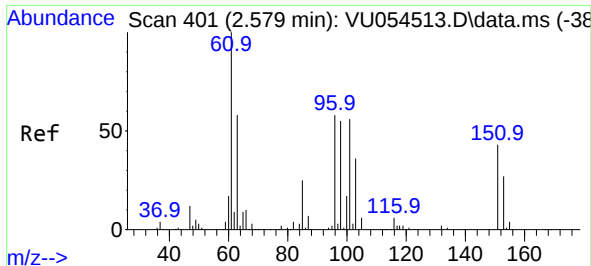
Tgt Ion: 64 Resp: 89298
Ion Ratio Lower Upper
64 100
66 33.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.167 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion:101 Resp: 194007
Ion Ratio Lower Upper
101 100
103 65.1 50.6 75.8

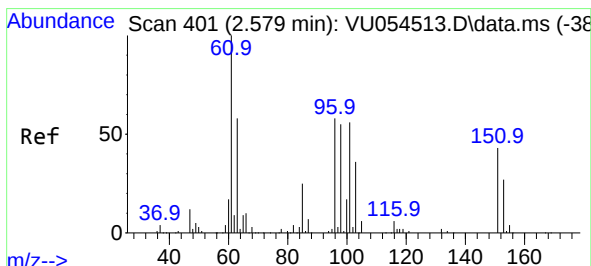
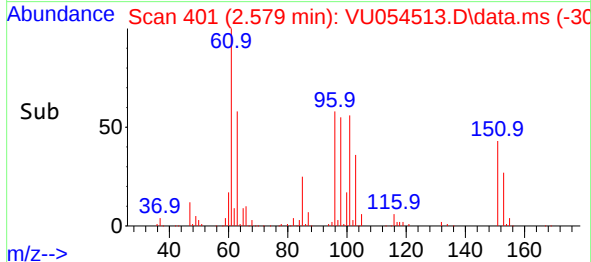
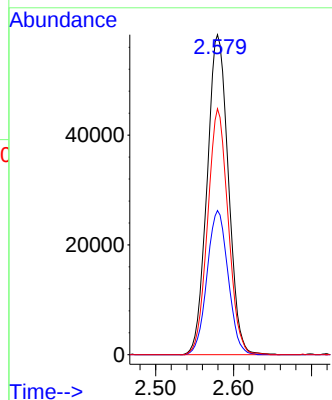
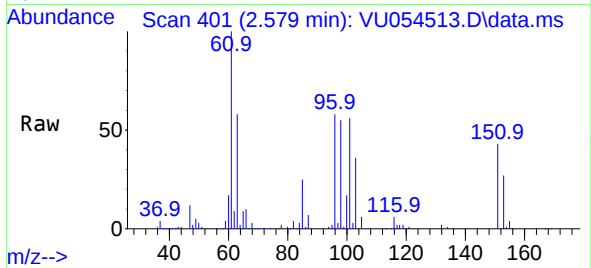




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.033 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054513.D
 Acq: 15 Jun 2023 09:21

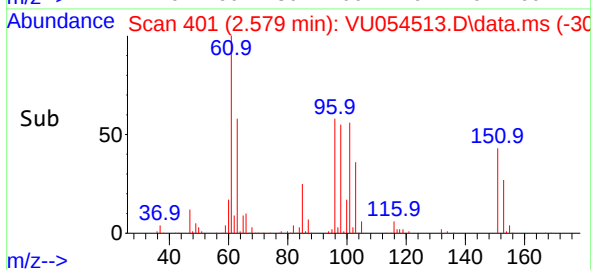
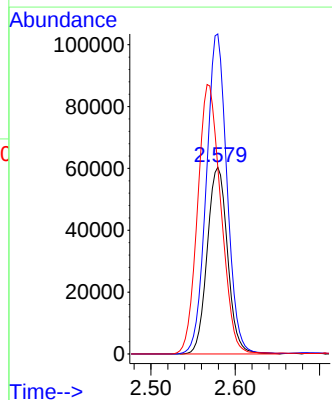
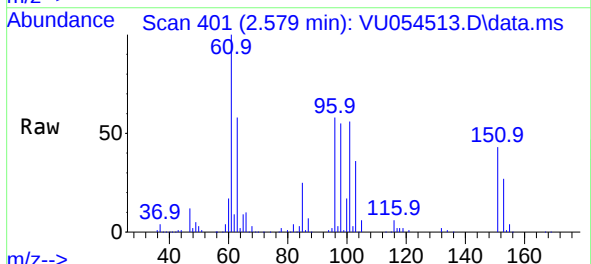
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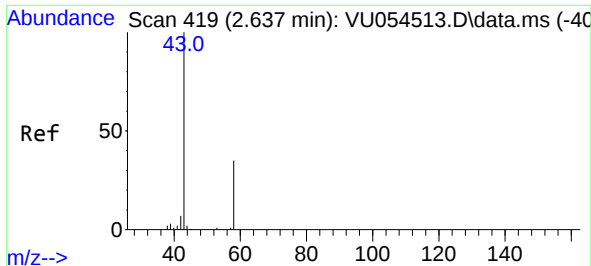
Tgt Ion:101 Resp: 110566
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.6 51.8
 151 74.4 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 5.041 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU054513.D
 Acq: 15 Jun 2023 09:21

Tgt Ion: 96 Resp: 101357
 Ion Ratio Lower Upper
 96 100
 61 171.4 119.9 222.7
 63 100.1 64.3 119.3





#13

Acetone

Concen: 34.600 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.013 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

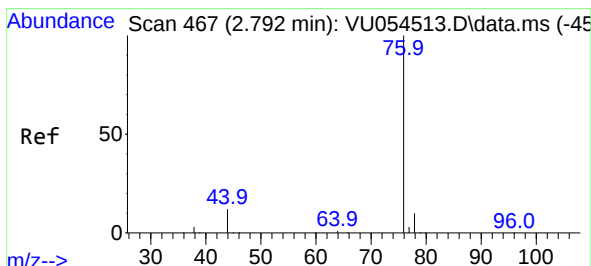
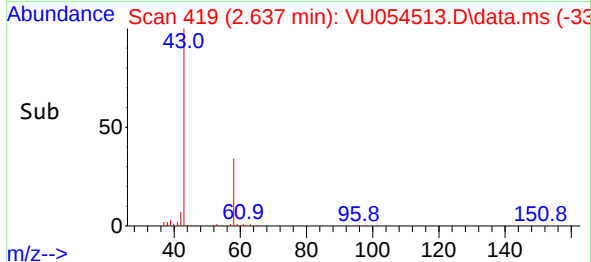
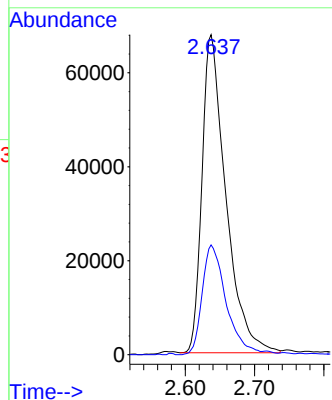
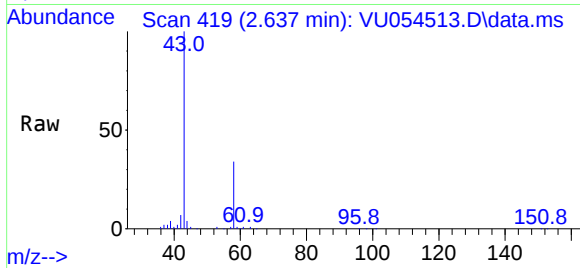
VSTD005184

Tgt Ion: 43 Resp: 161824

Ion Ratio Lower Upper

43 100

58 34.5 0.0 67.2



#14

Carbon disulfide

Concen: 4.811 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU054513.D

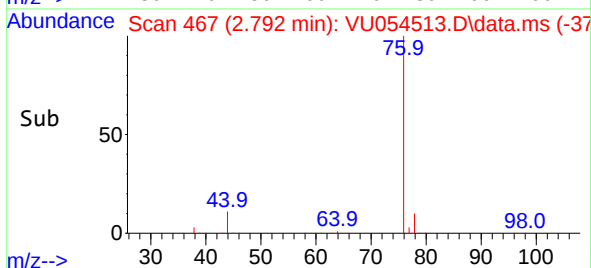
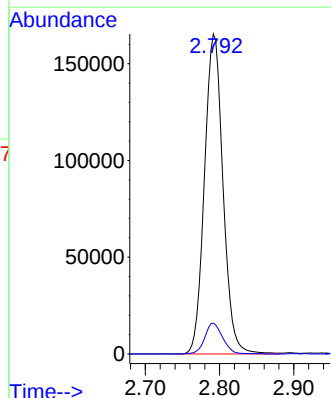
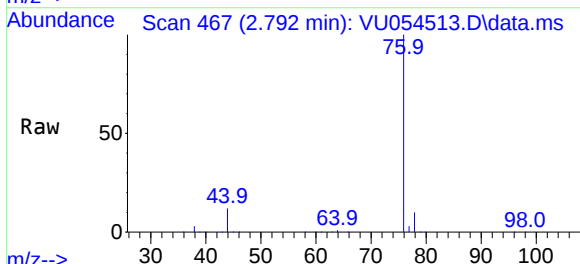
Acq: 15 Jun 2023 09:21

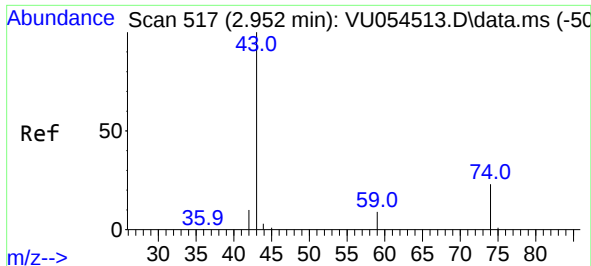
Tgt Ion: 76 Resp: 286890

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0





#15

Methyl Acetate

Concen: 4.933 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.007 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

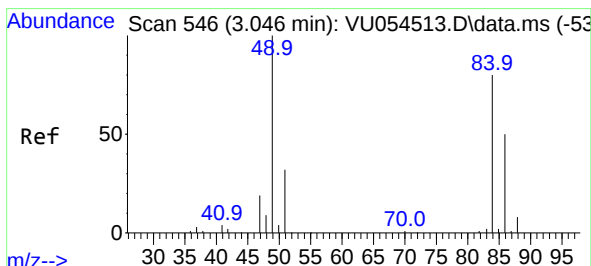
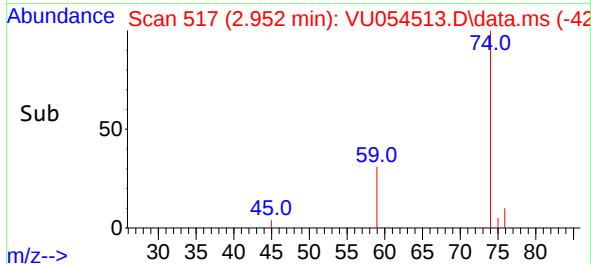
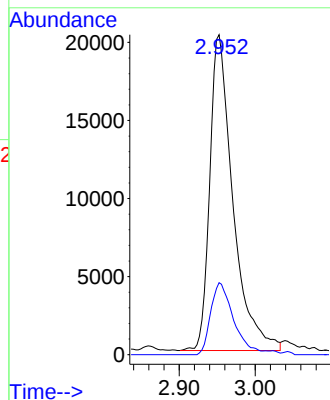
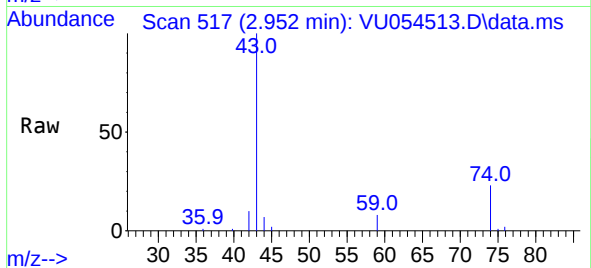
VSTD005184

Tgt Ion: 43 Resp: 42756

Ion Ratio Lower Upper

43 100

74 22.5 19.0 28.6



#16

Methylene chloride

Concen: 4.197 ug/L

RT: 3.046 min Scan# 546

Delta R.T. -0.000 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

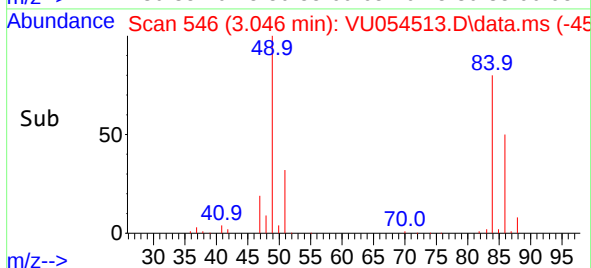
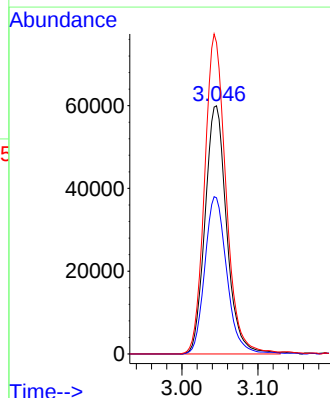
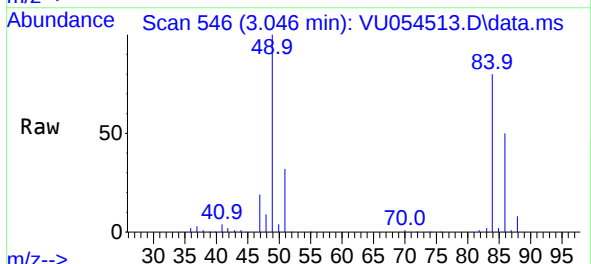
Tgt Ion: 84 Resp: 118661

Ion Ratio Lower Upper

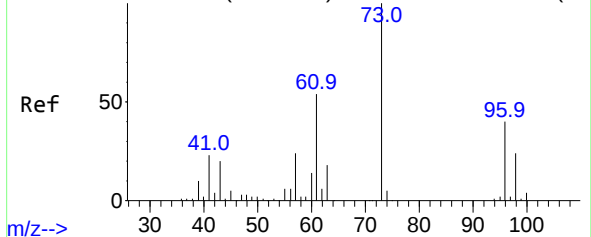
84 100

86 62.9 43.9 81.5

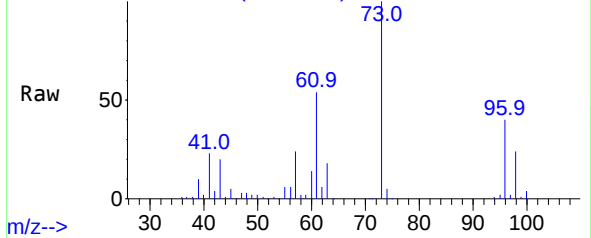
49 125.5 86.1 159.9



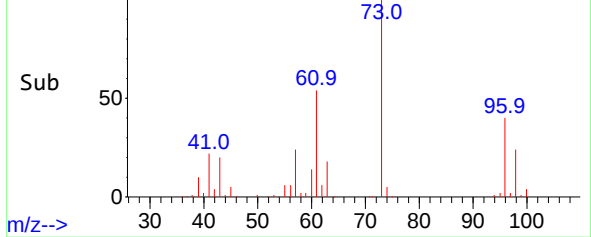
Abundance Scan 644 (3.361 min): VU054513.D\data.ms (-62



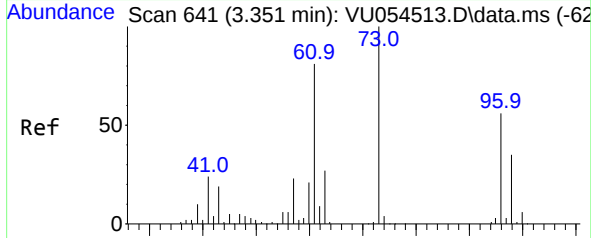
m/z--> Scan 644 (3.361 min): VU054513.D\data.ms



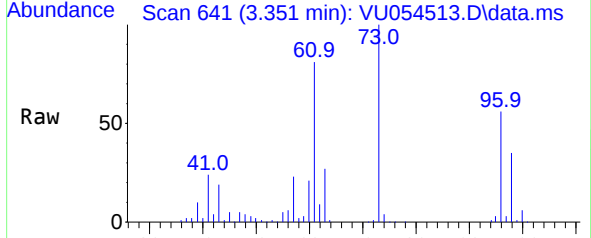
m/z--> Scan 644 (3.361 min): VU054513.D\data.ms (-55



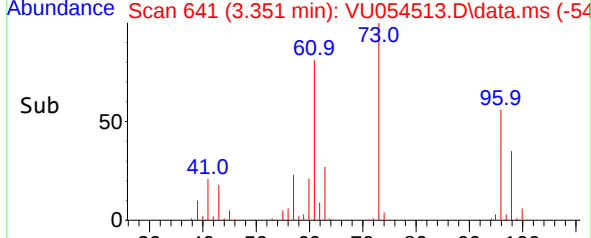
m/z--> Scan 641 (3.351 min): VU054513.D\data.ms (-62



m/z--> Scan 641 (3.351 min): VU054513.D\data.ms



m/z--> Scan 641 (3.351 min): VU054513.D\data.ms (-54



m/z--> Scan 641 (3.351 min): VU054513.D\data.ms (-54

#17

Methyl tert-butyl Ether

Concen: 5.026 ug/L

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005184

Tgt Ion: 73 Resp: 249436

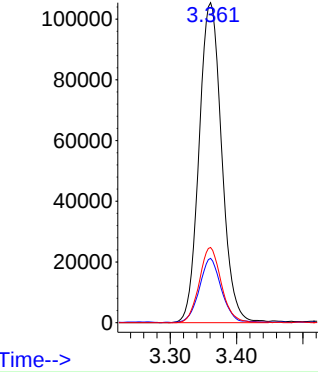
Ion Ratio Lower Upper

73 100

43 19.8 15.7 23.5

57 22.9 18.6 28.0

Abundance



Time-->

#18

trans-1,2-Dichloroethene

Concen: 5.006 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

Tgt Ion: 96 Resp: 103920

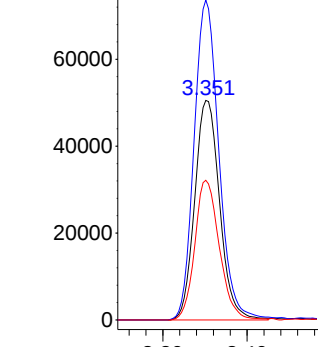
Ion Ratio Lower Upper

96 100

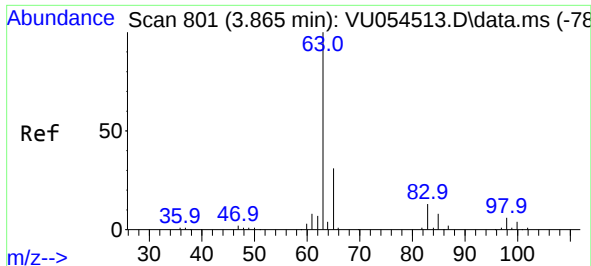
61 145.7 104.6 194.2

98 63.6 45.4 84.4

Abundance



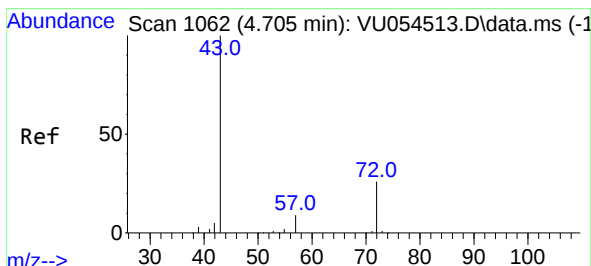
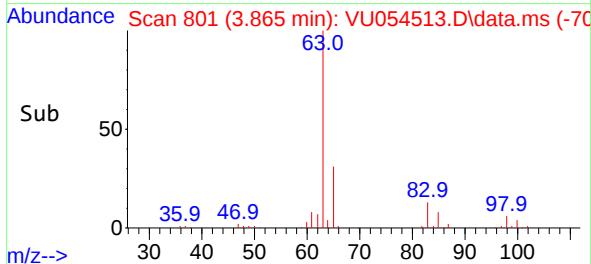
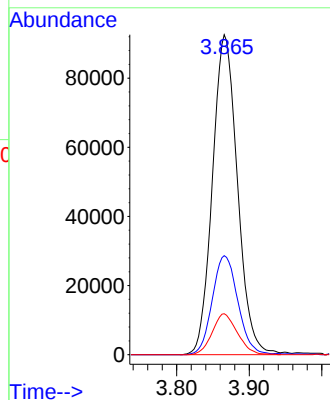
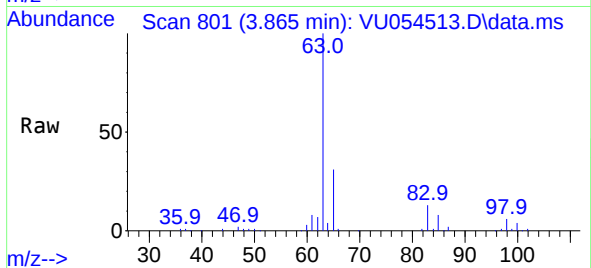
Time-->



#19
1,1-Dichloroethane
Concen: 5.159 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

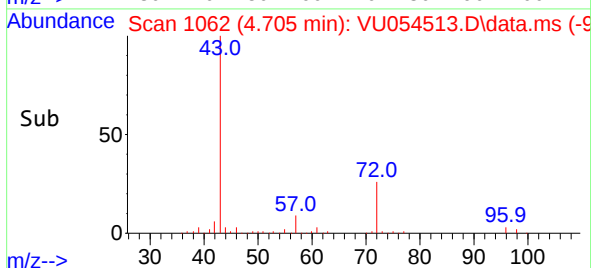
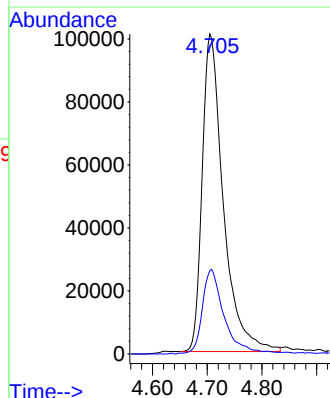
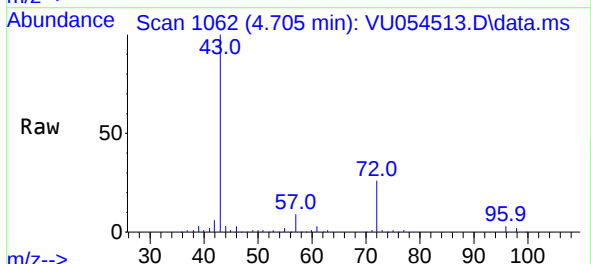
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

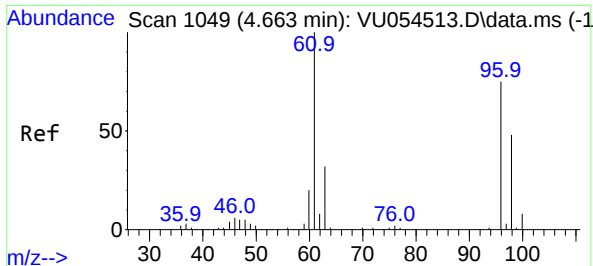
Tgt Ion: 63 Resp: 221648
Ion Ratio Lower Upper
63 100
65 30.9 22.2 41.2
83 12.8 9.0 16.6



#21
2-Butanone
Concen: 44.563 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.007 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 43 Resp: 270494
Ion Ratio Lower Upper
43 100
72 27.0 13.4 40.1

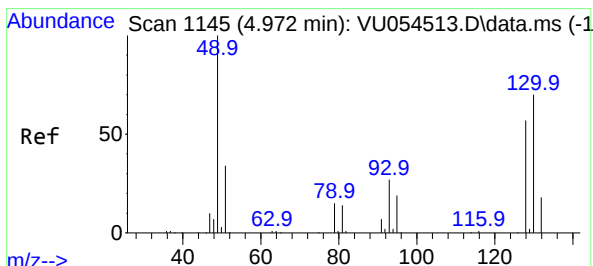
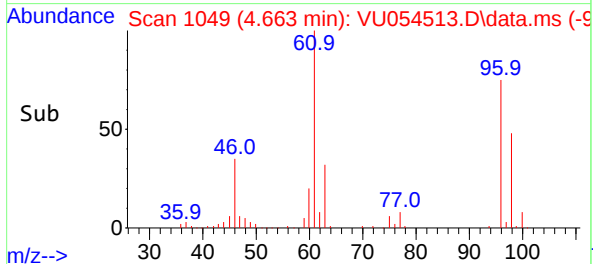
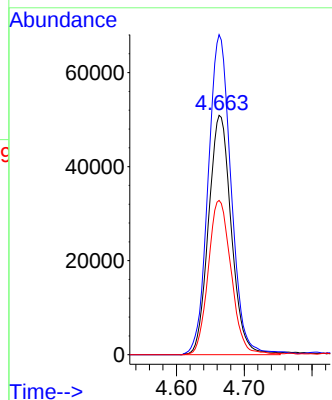
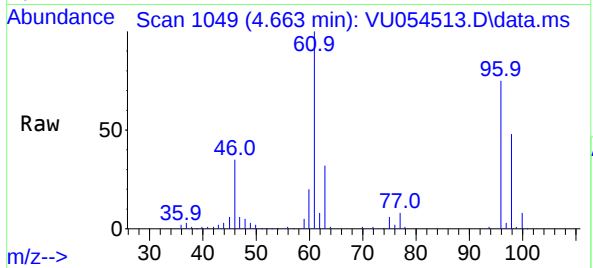




#22
 cis-1,2-Dichloroethene
 Concen: 5.038 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054513.D
 Acq: 15 Jun 2023 09:21

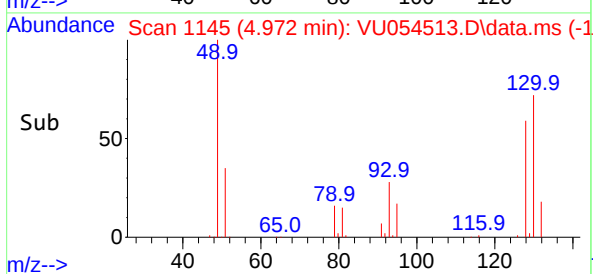
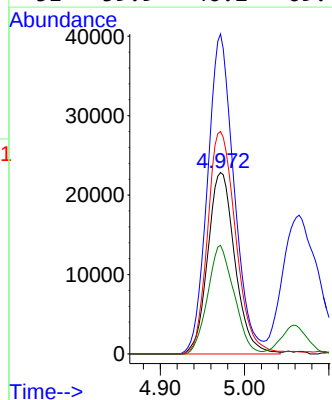
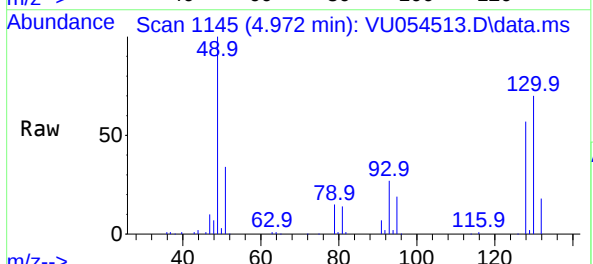
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

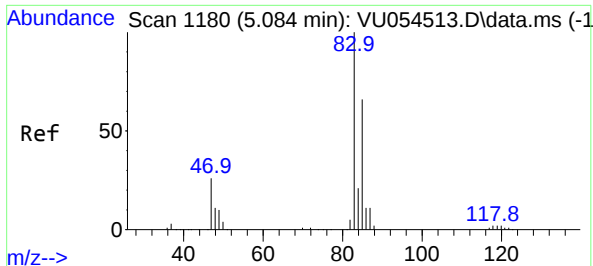
Tgt Ion: 96 Resp: 119101
 Ion Ratio Lower Upper
 96 100
 61 133.6 96.5 179.1
 98 64.4 44.9 83.3



#23
 Bromochloromethane
 Concen: 5.195 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU054513.D
 Acq: 15 Jun 2023 09:21

Tgt Ion:128 Resp: 51104
 Ion Ratio Lower Upper
 128 100
 49 176.4 132.1 245.3
 130 122.6 91.5 169.9
 51 59.9 46.2 69.4

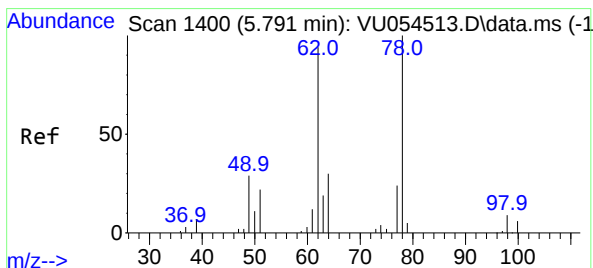
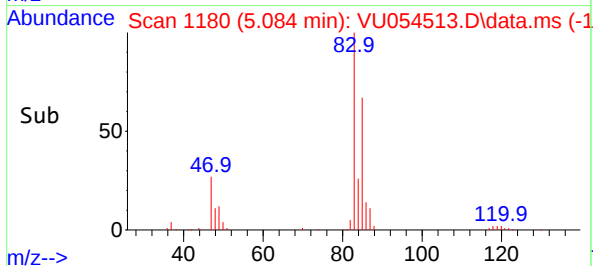
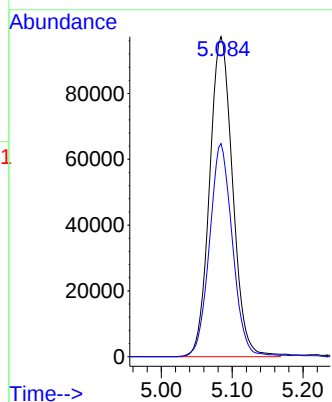
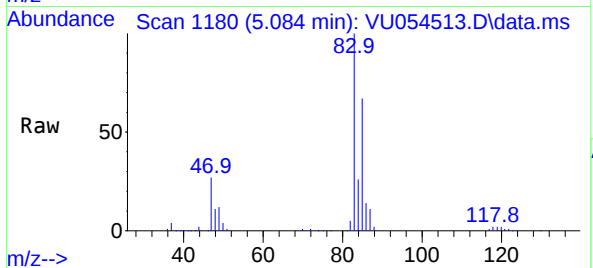




#25
Chloroform
Concen: 5.182 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

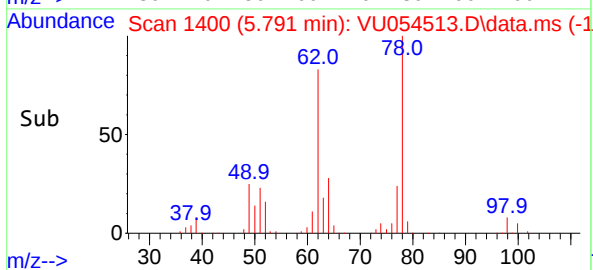
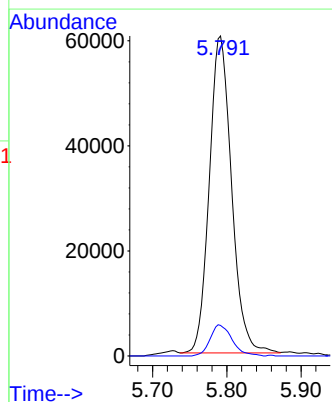
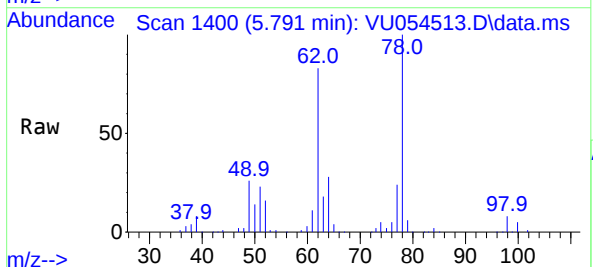
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

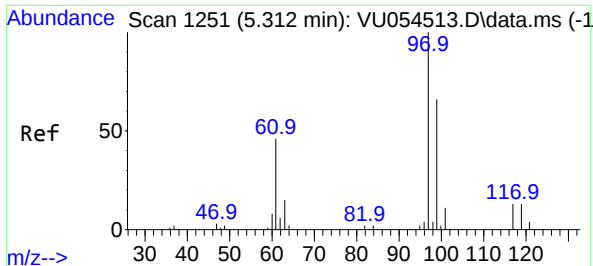
Tgt Ion: 83 Resp: 219476
Ion Ratio Lower Upper
83 100
85 66.6 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.061 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 62 Resp: 125658
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.6

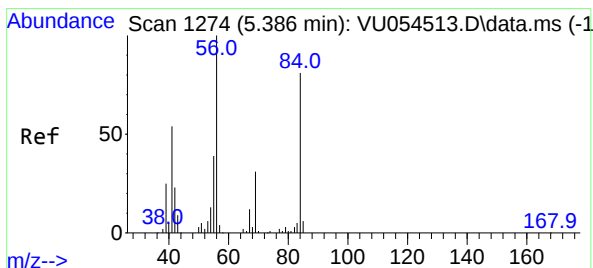
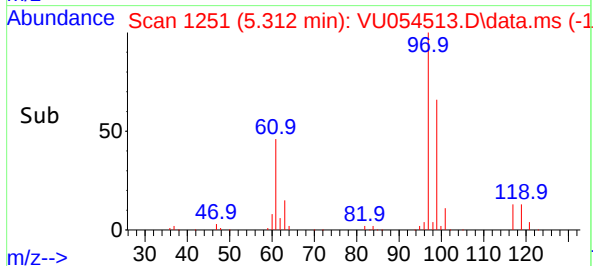
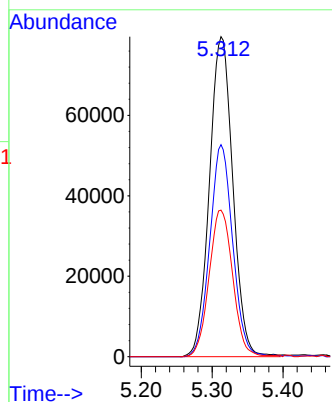
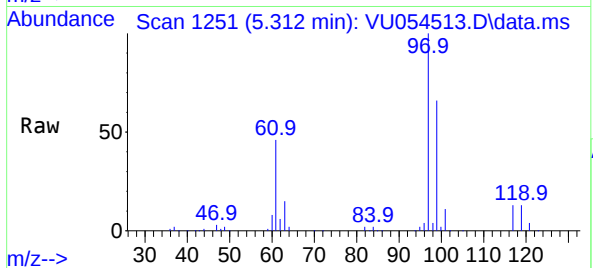




#29
1,1,1-Trichloroethane
Concen: 4.974 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

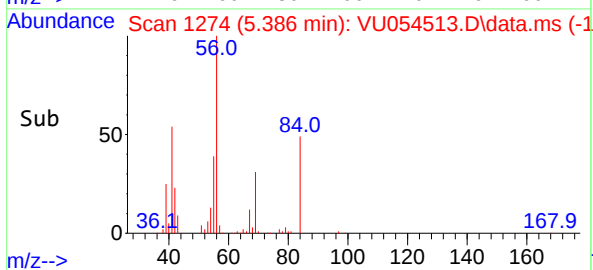
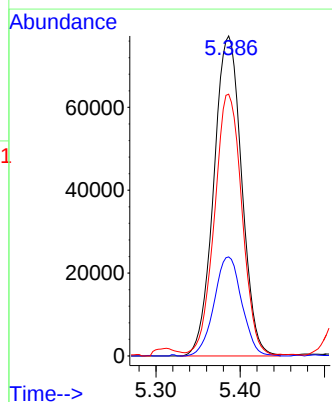
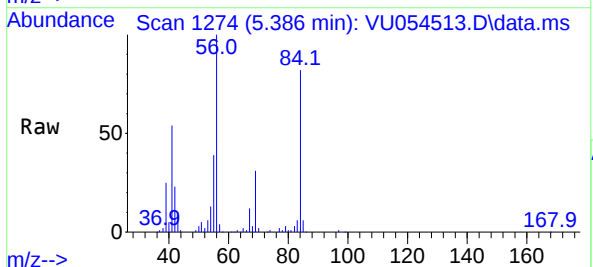
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

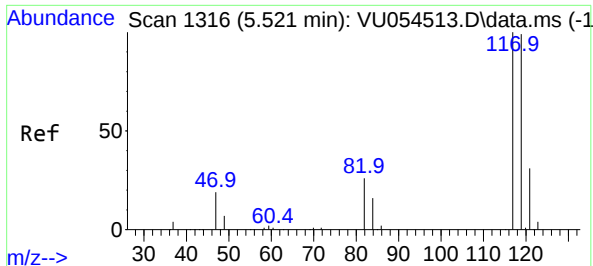
Tgt Ion: 97 Resp: 182446
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 46.1 36.1 54.1



#30
Cyclohexane
Concen: 4.441 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 56 Resp: 177437
Ion Ratio Lower Upper
56 100
69 30.7 23.9 35.9
84 80.2 63.0 94.6

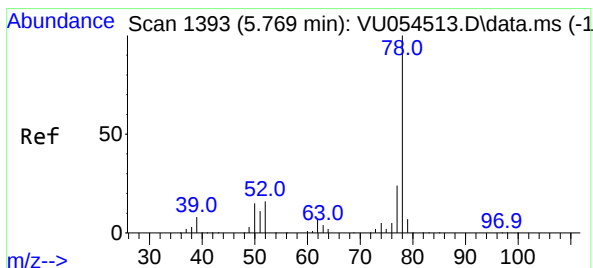
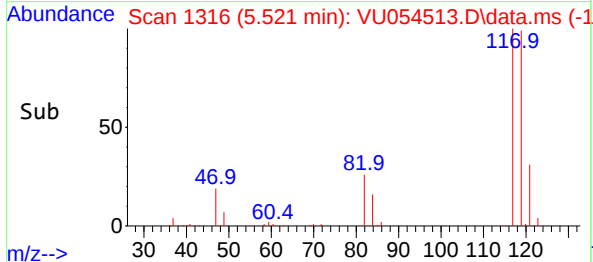
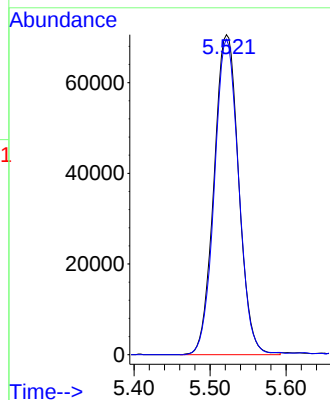
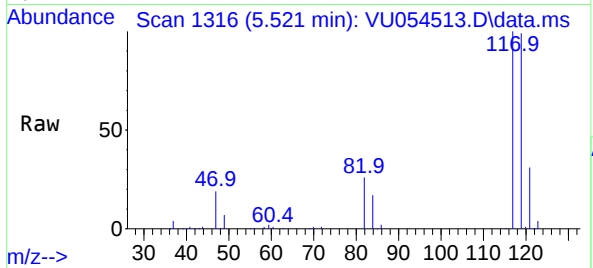




#31
Carbon tetrachloride
Concen: 5.040 ug/L
RT: 5.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

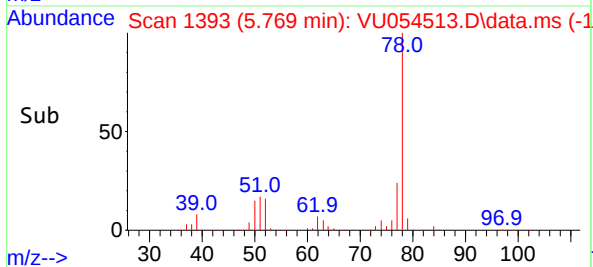
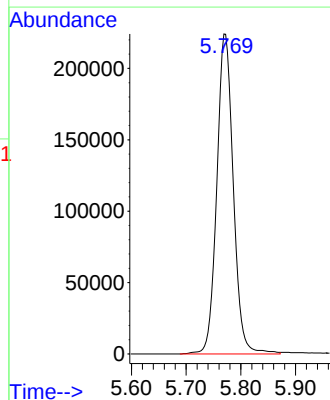
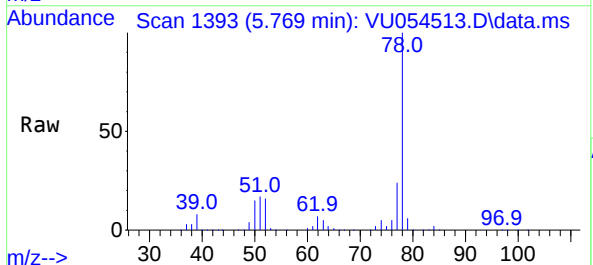
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

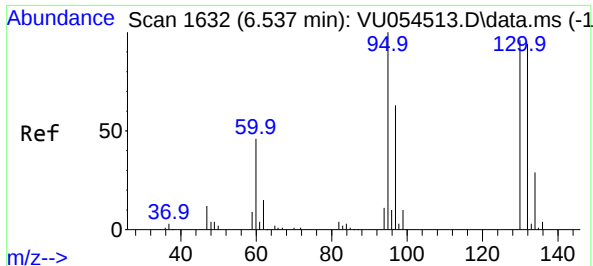
Tgt Ion:117 Resp: 159312
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2



#33
Benzene
Concen: 4.829 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 78 Resp: 469543



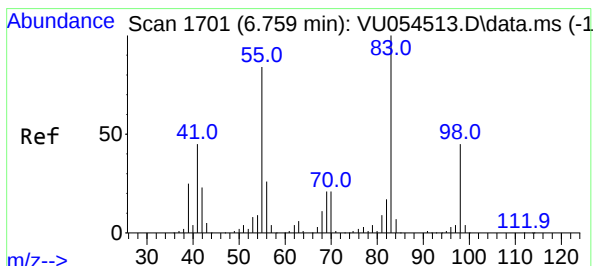
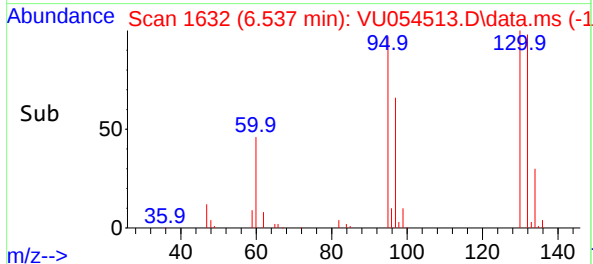
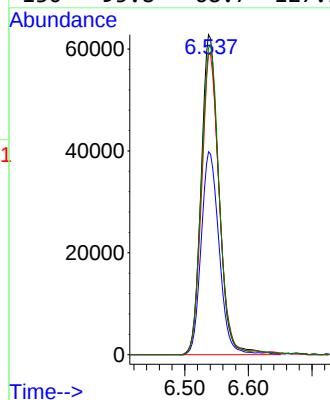
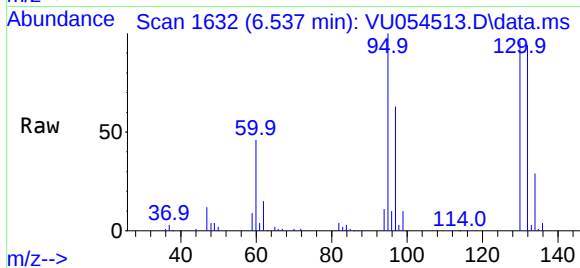


#34
Trichloroethene
Concen: 4.722 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Tgt Ion: 95 Resp: 121397

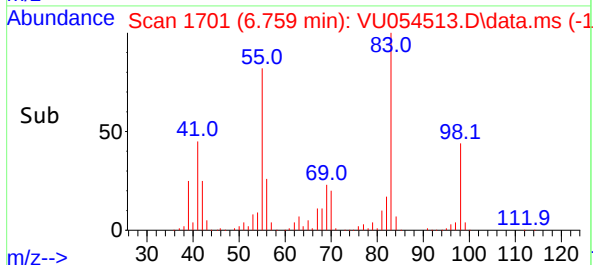
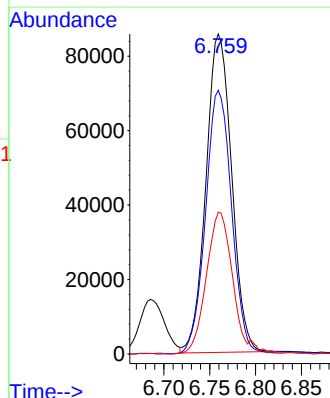
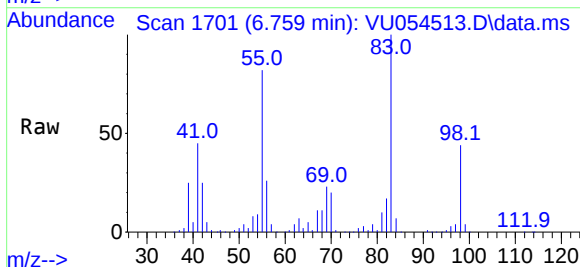
Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.8	87.0
132	93.9	68.4	127.0
130	95.8	68.7	127.5

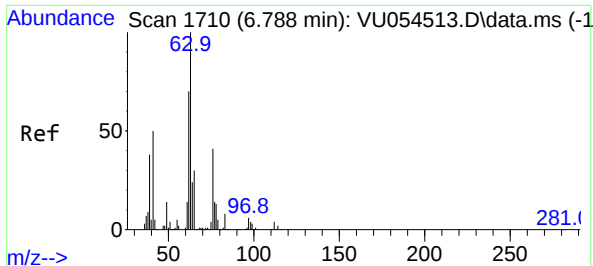


#35
Methylcyclohexane
Concen: 4.293 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 83 Resp: 166831

Ion	Ratio	Lower	Upper
83	100		
55	83.9	67.1	100.7
98	45.7	35.1	52.7

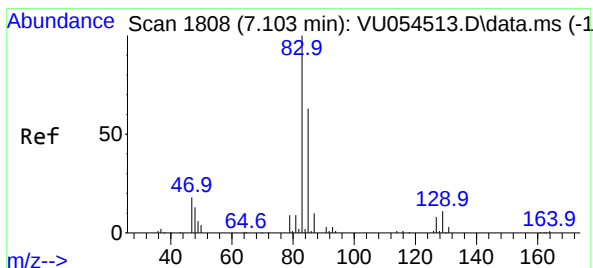
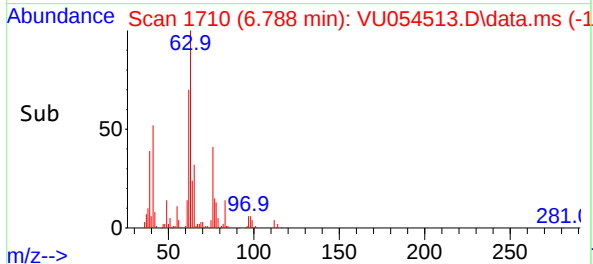
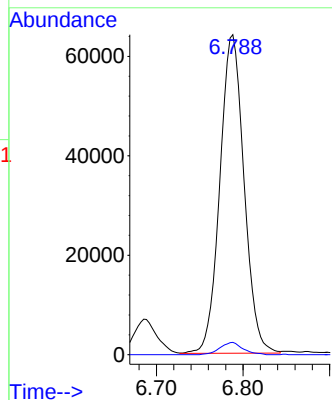
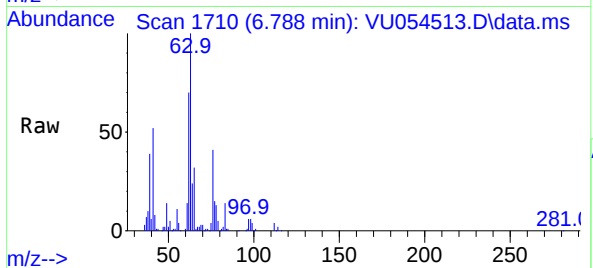




#37
1,2-Dichloropropane
Concen: 4.732 ug/L
RT: 6.788 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

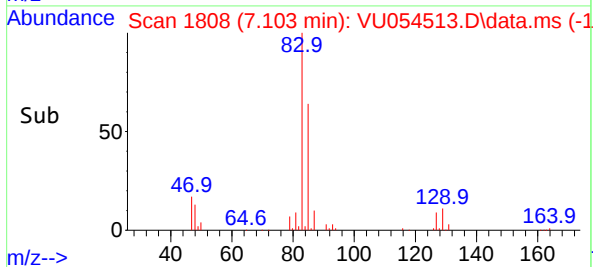
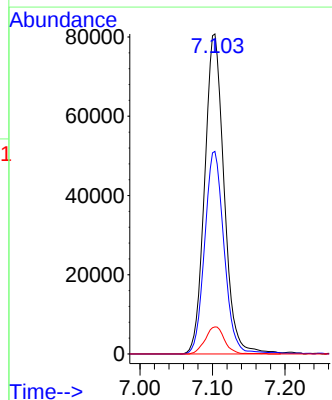
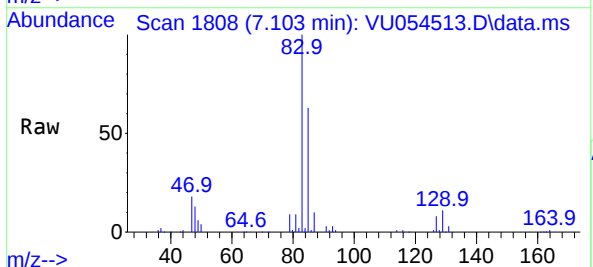
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

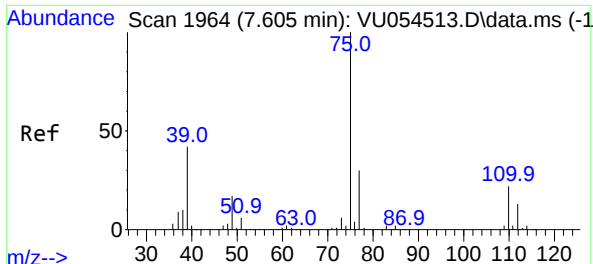
Tgt Ion: 63 Resp: 124389
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.6



#38
Bromodichloromethane
Concen: 5.051 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 83 Resp: 150311
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9
127 8.5 6.6 10.0

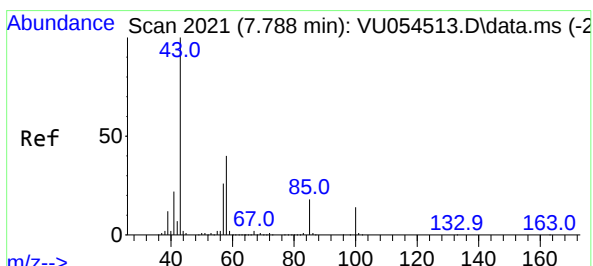
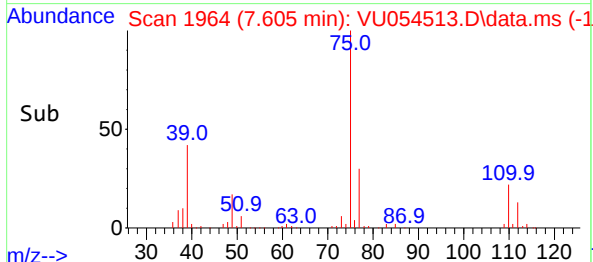
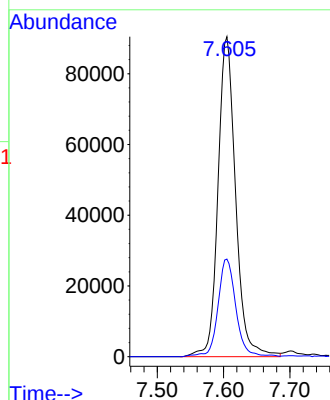
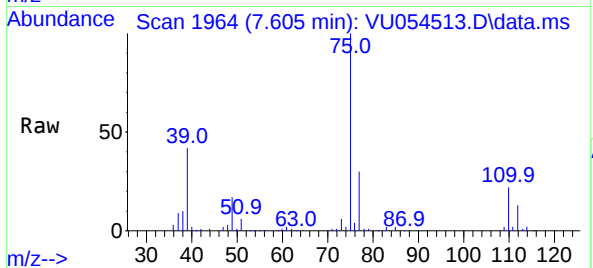




#39
cis-1,3-Dichloropropene
Concen: 4.648 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

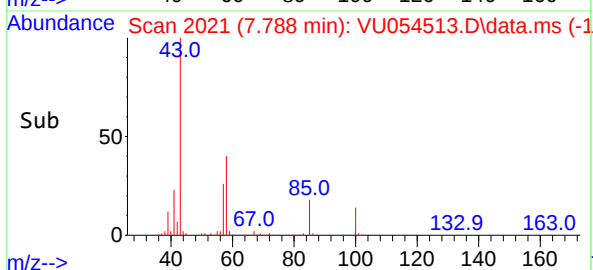
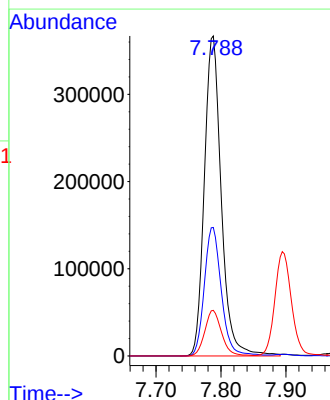
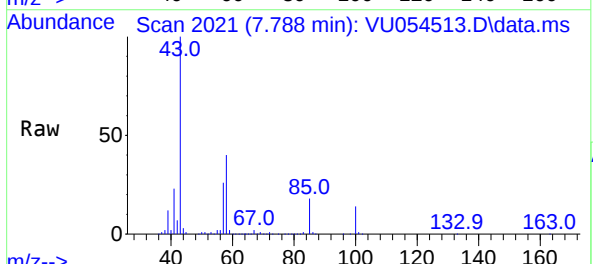
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

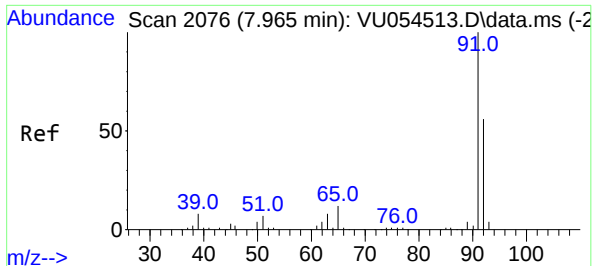
Tgt Ion: 75 Resp: 166814
Ion Ratio Lower Upper
75 100
77 30.5 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 47.515 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 43 Resp: 666566
Ion Ratio Lower Upper
43 100
58 40.4 32.4 48.6
100 14.1 11.4 17.2





#42

Toluene

Concen: 4.933 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

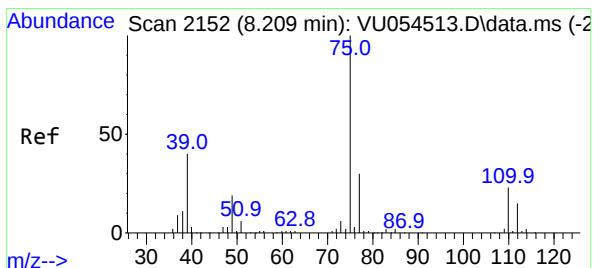
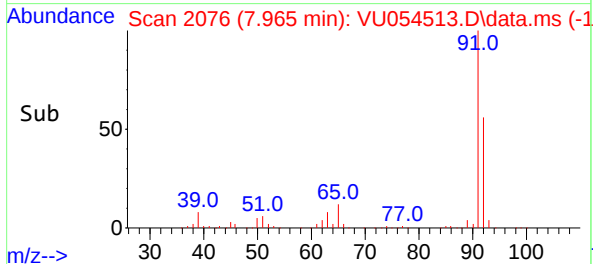
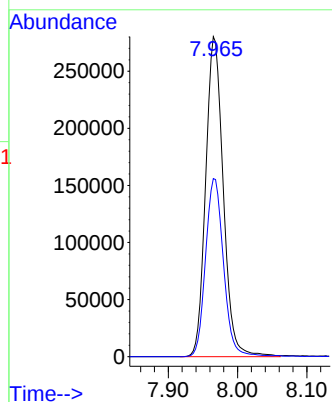
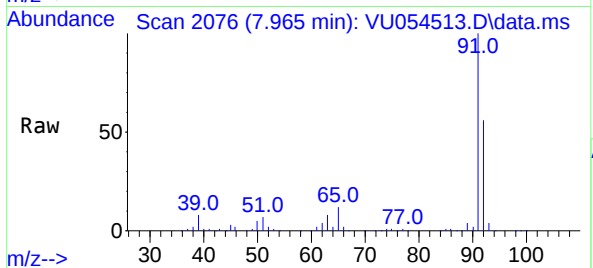
VSTD005184

Tgt Ion: 91 Resp: 493953

Ion Ratio Lower Upper

91 100

92 55.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.623 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054513.D

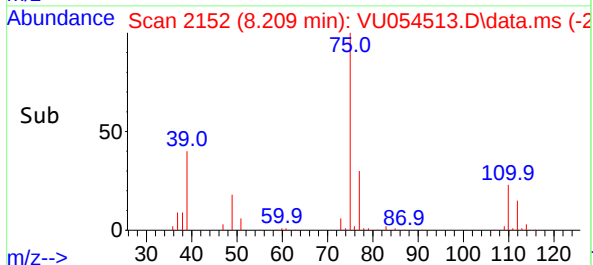
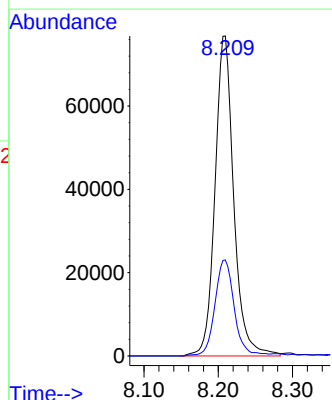
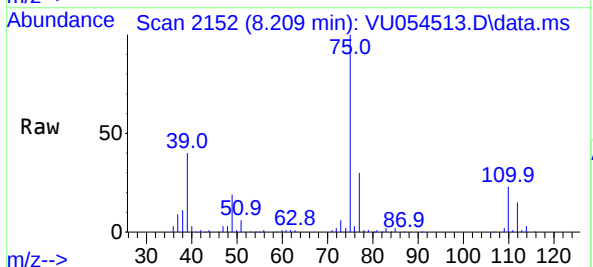
Acq: 15 Jun 2023 09:21

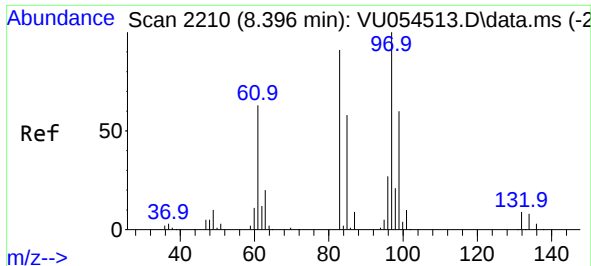
Tgt Ion: 75 Resp: 134664

Ion Ratio Lower Upper

75 100

77 30.0 21.3 39.6



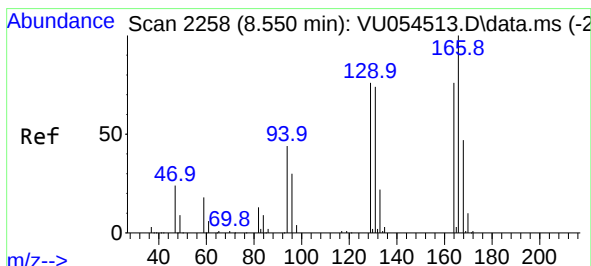
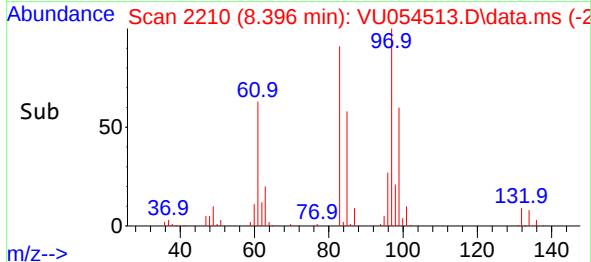
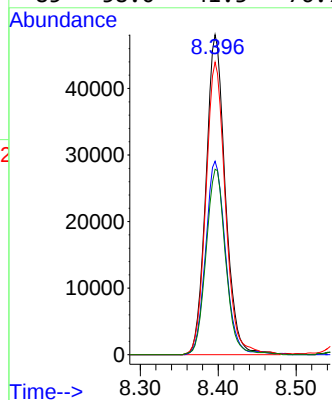
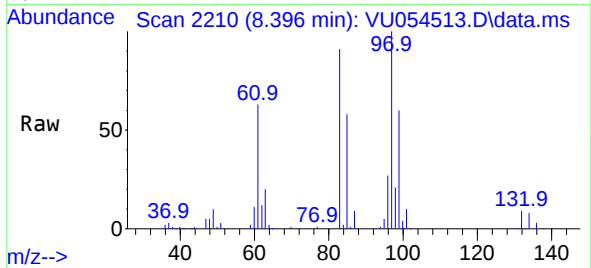


#45
1,1,2-Trichloroethane
Concen: 4.967 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Tgt Ion: 97 Resp: 83069

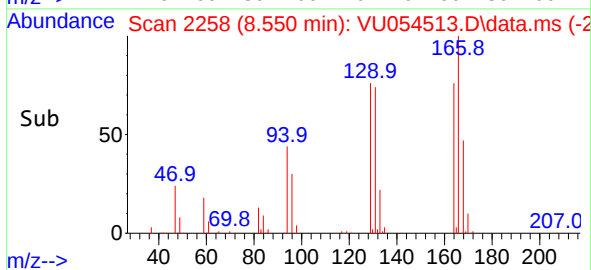
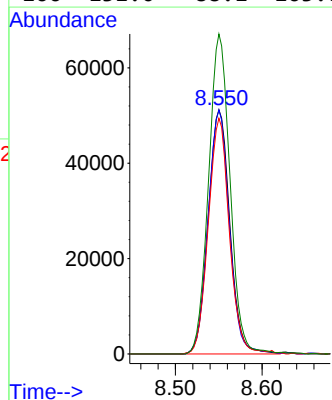
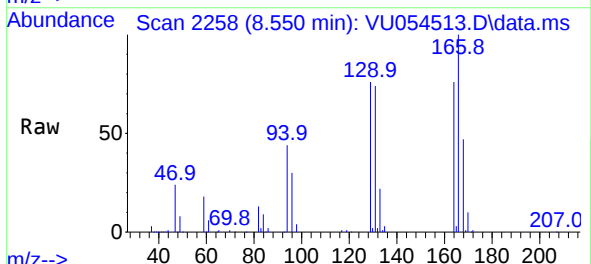
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.0	80.0
83	91.4	63.8	118.6
85	58.0	41.3	76.7

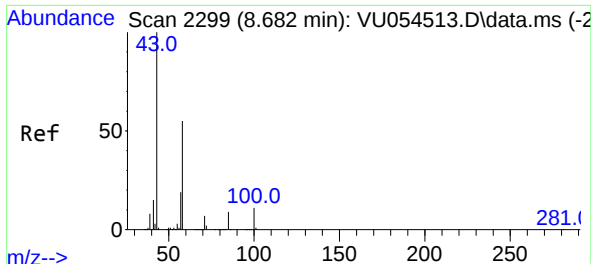


#47
Tetrachloroethene
Concen: 4.527 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 164 Resp: 89085

Ion	Ratio	Lower	Upper
164	100		
129	99.9	67.7	125.7
131	96.5	64.6	120.0
166	131.0	88.1	163.7



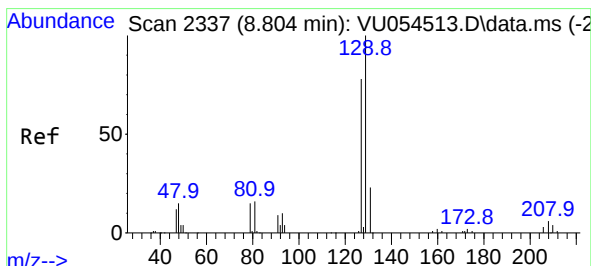
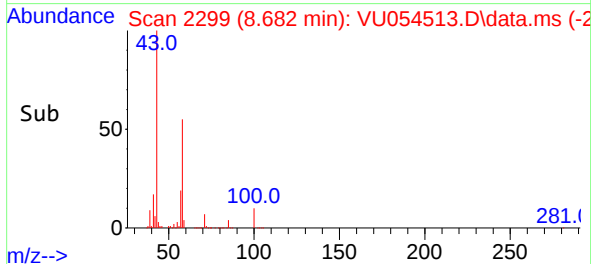
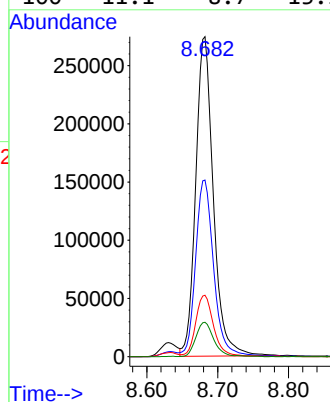
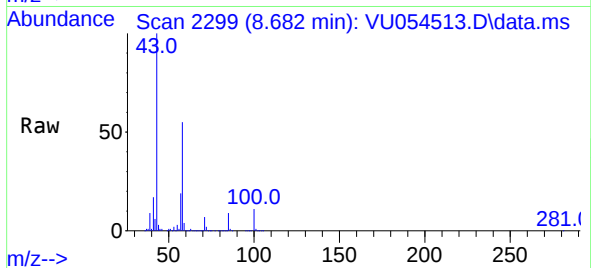


#48
2-Hexanone
Concen: 45.366 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Tgt Ion: 43 Resp: 474195

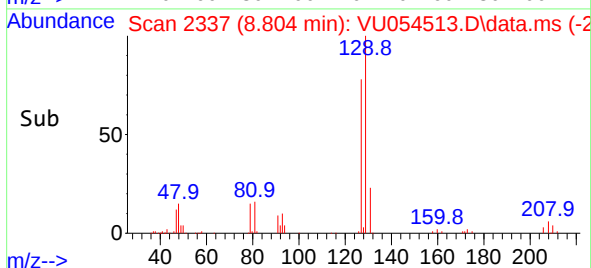
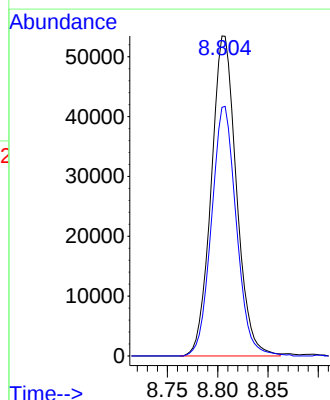
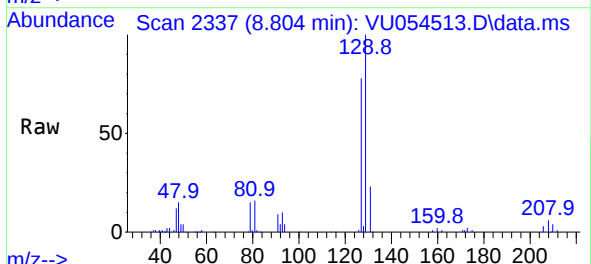
Ion	Ratio	Lower	Upper
43	100		
58	56.3	45.2	67.8
57	19.5	15.8	23.6
100	11.1	8.7	13.1

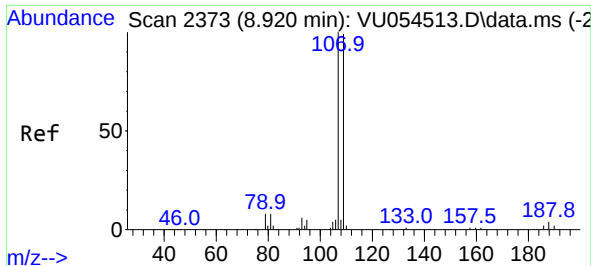


#49
Dibromochloromethane
Concen: 5.317 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 129 Resp: 93361

Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.2	98.8

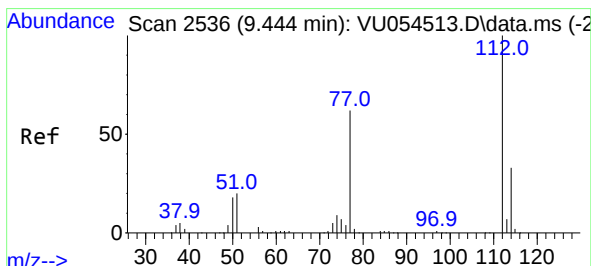
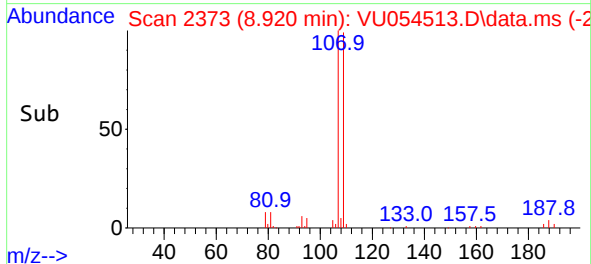
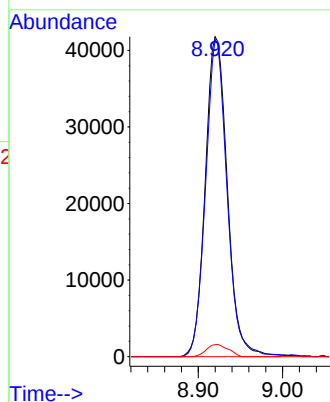
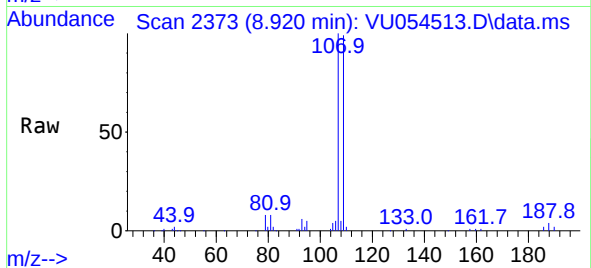




#50
1,2-Dibromoethane
Concen: 4.961 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

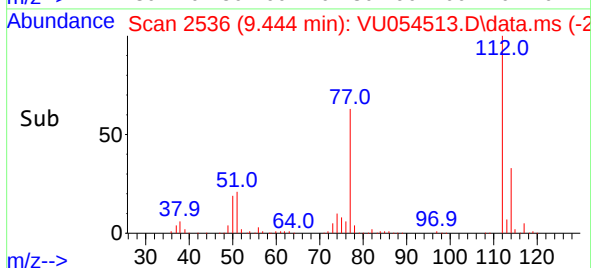
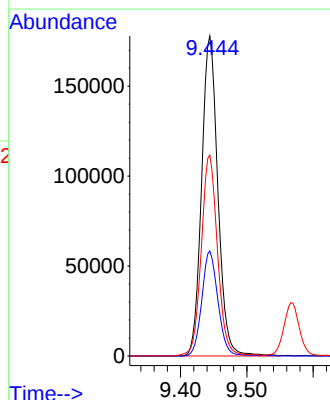
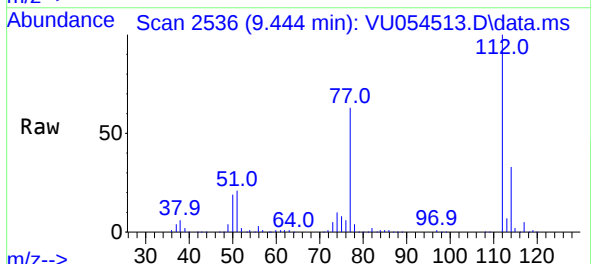
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

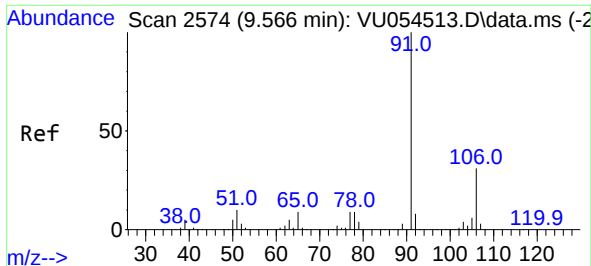
Tgt Ion:107 Resp: 76162
Ion Ratio Lower Upper
107 100
109 99.1 66.6 123.6
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 4.848 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion:112 Resp: 302563
Ion Ratio Lower Upper
112 100
114 32.8 22.7 42.1
77 62.8 49.8 74.8

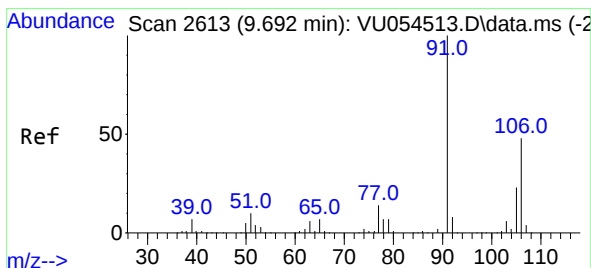
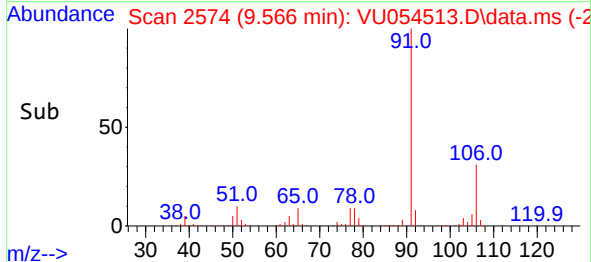
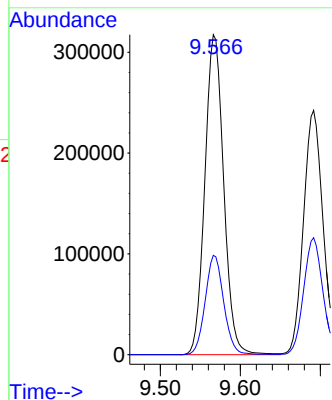
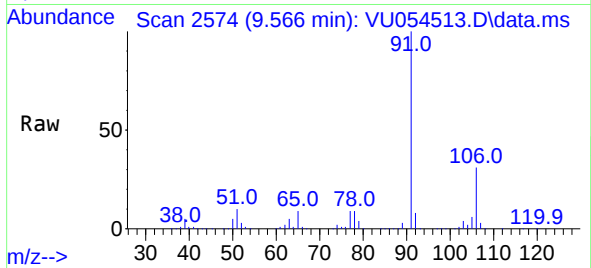




#52
Ethylbenzene
Concen: 4.761 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

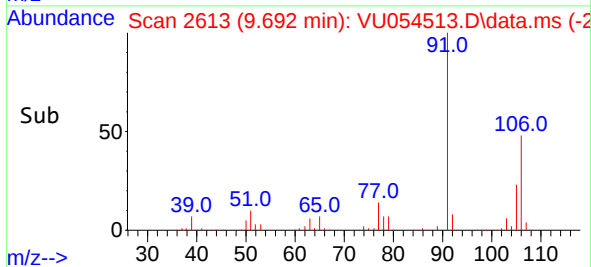
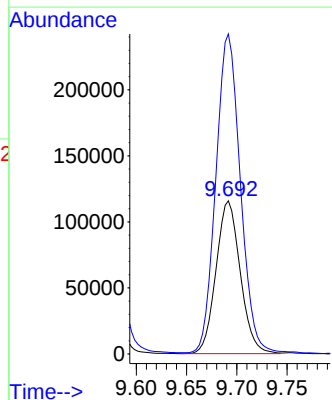
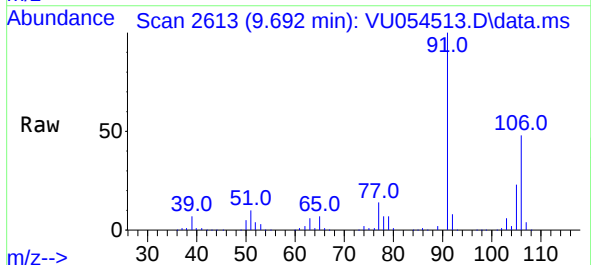
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

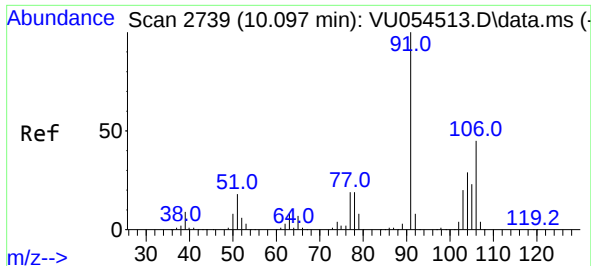
Tgt Ion: 91 Resp: 520629
Ion Ratio Lower Upper
91 100
106 31.0 21.1 39.3



#53
m,p-Xylene
Concen: 4.827 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 106 Resp: 193883
Ion Ratio Lower Upper
106 100
91 208.9 147.0 273.0

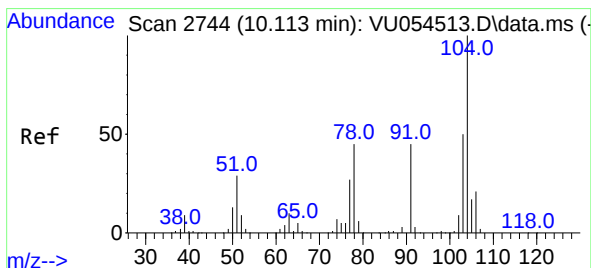
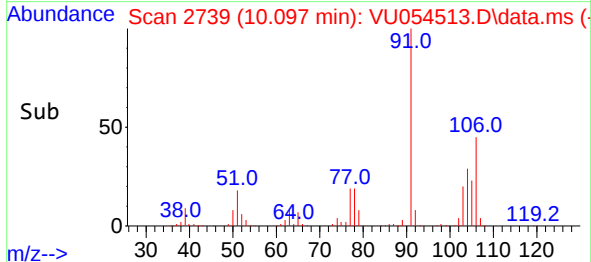
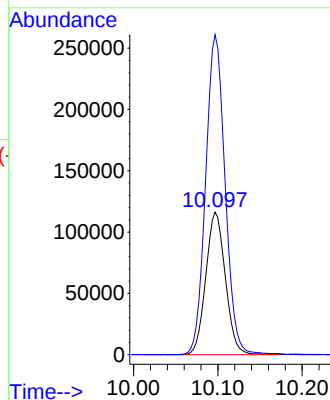
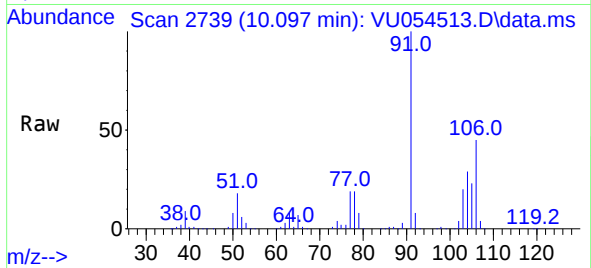




#54
o-Xylene
Concen: 4.836 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

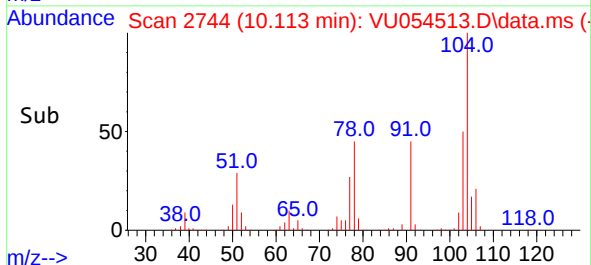
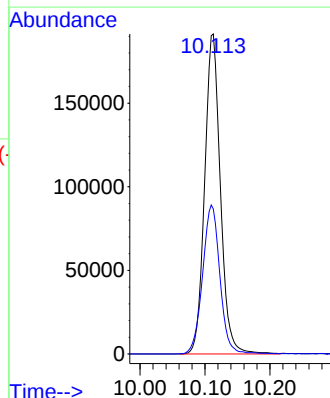
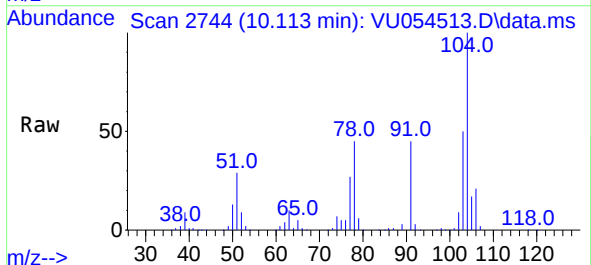
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

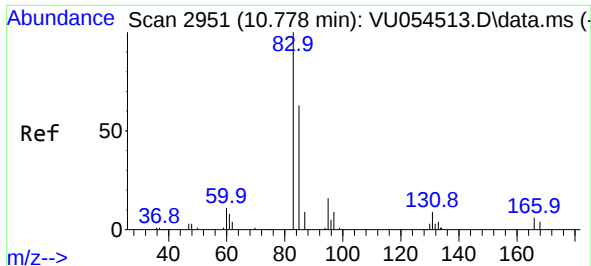
Tgt Ion:106 Resp: 187870
Ion Ratio Lower Upper
106 100
91 224.4 154.5 286.9



#55
Styrene
Concen: 4.961 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion:104 Resp: 323476
Ion Ratio Lower Upper
104 100
78 45.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.836 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005184

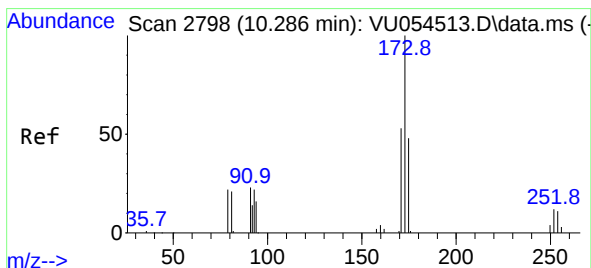
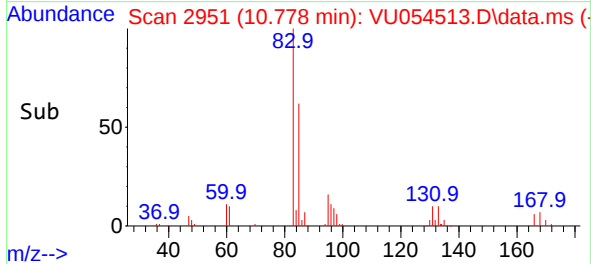
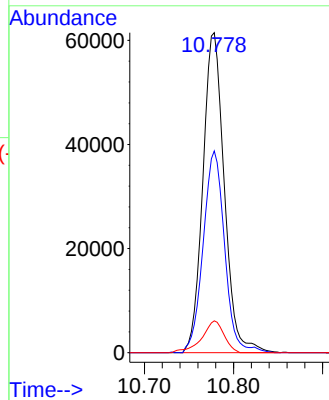
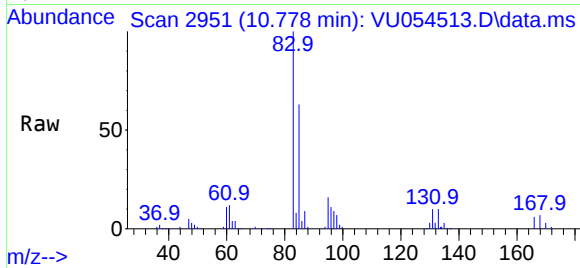
Tgt Ion: 83 Resp: 102731

Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.2

131 9.9 7.0 10.6



#59

Bromoform

Concen: 5.638 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

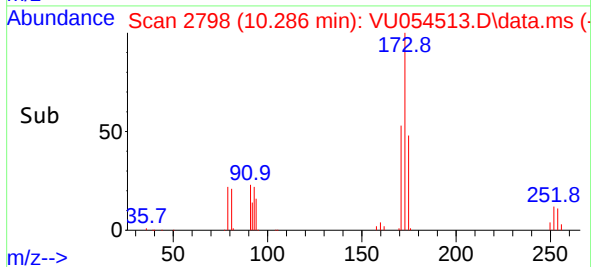
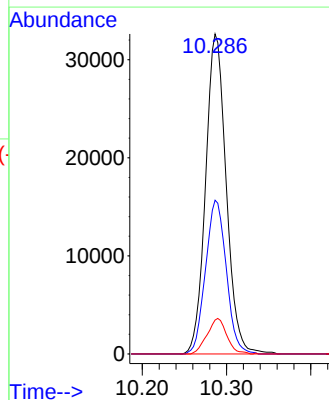
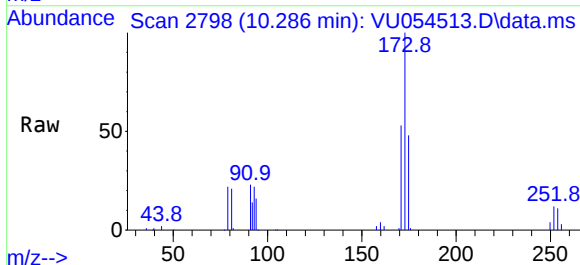
Tgt Ion:173 Resp: 55598

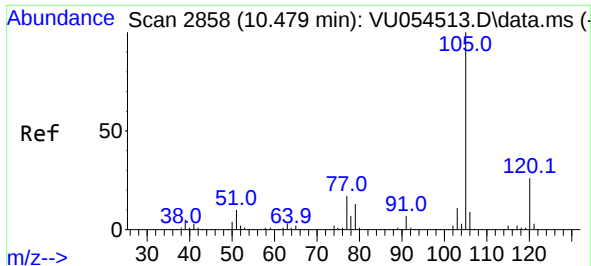
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

254 10.6 8.6 12.8

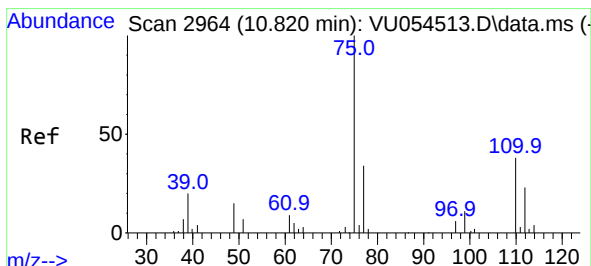
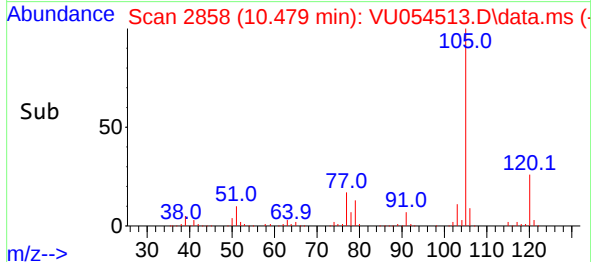
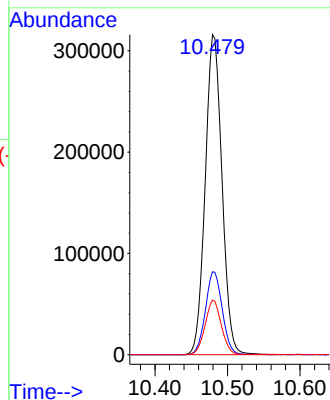
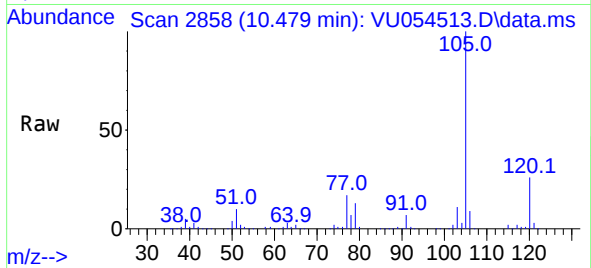




#60
Isopropylbenzene
Concen: 5.050 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

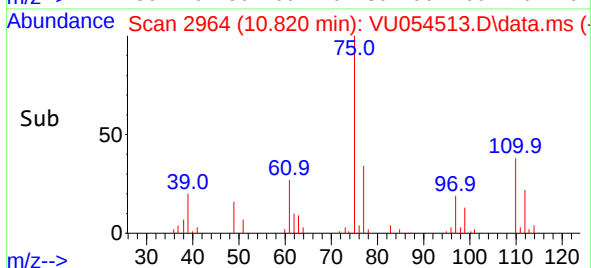
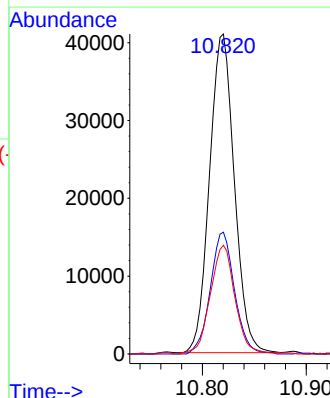
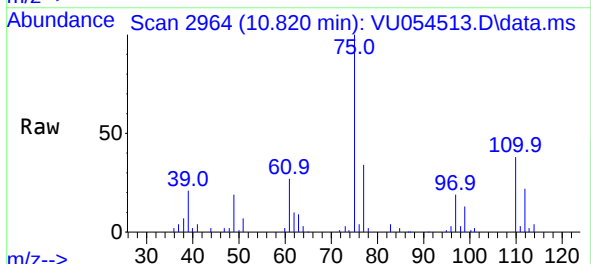
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

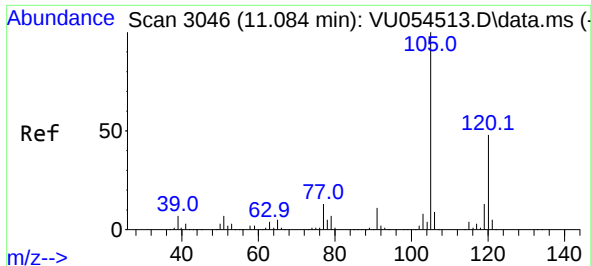
Tgt Ion:105 Resp: 507429
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.897 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion: 75 Resp: 67967
Ion Ratio Lower Upper
75 100
110 37.3 28.0 42.0
77 33.9 25.4 38.2

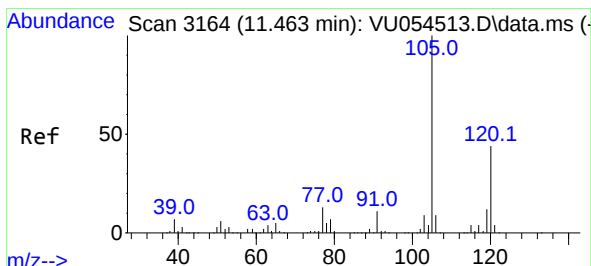
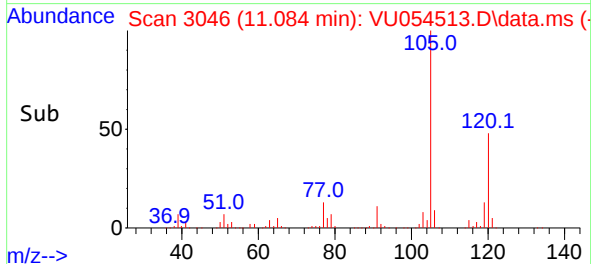
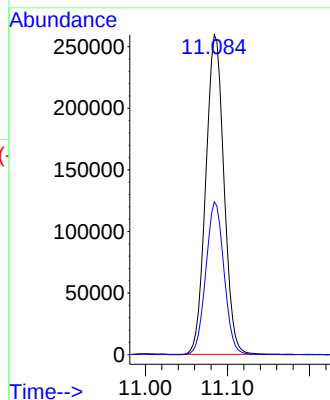
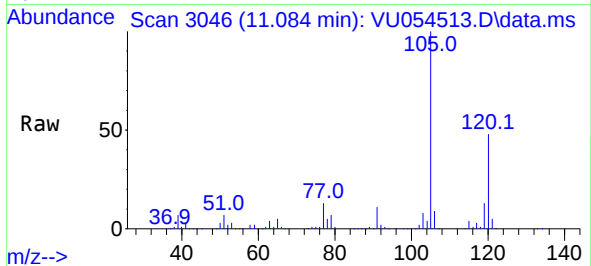




#62
1,3,5-Trimethylbenzene
Concen: 4.875 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

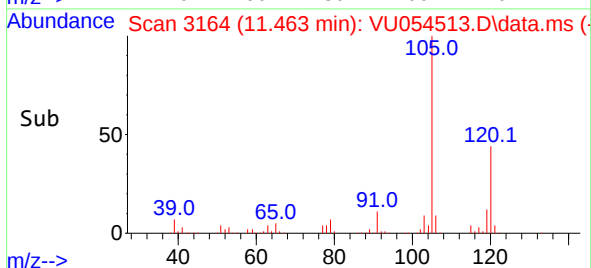
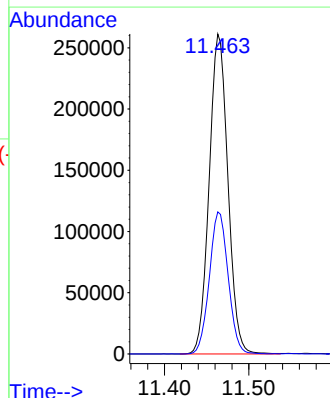
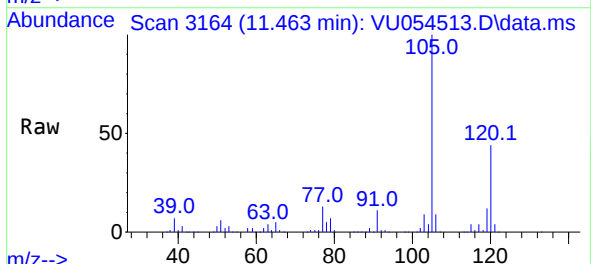
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

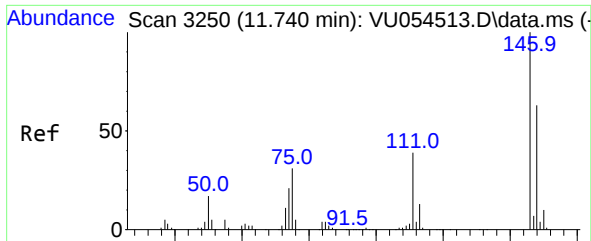
Tgt Ion:105 Resp: 399609
Ion Ratio Lower Upper
105 100
120 47.9 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.848 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion:105 Resp: 403612
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.0

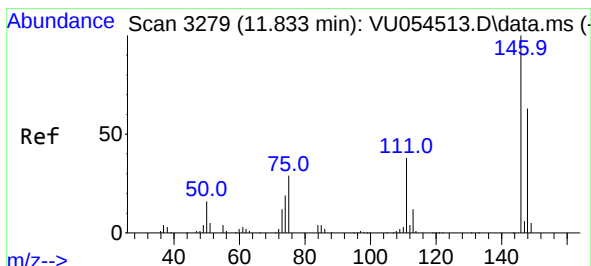
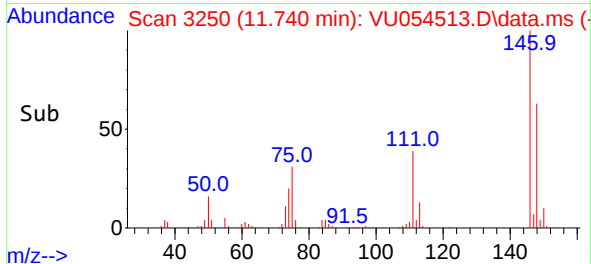
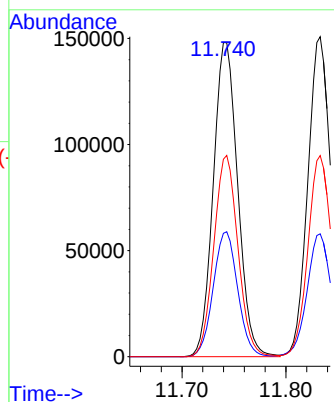
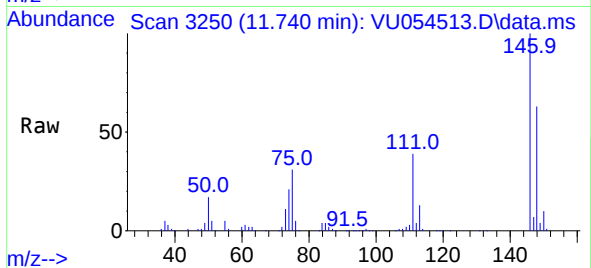




#64
1,3-Dichlorobenzene
Concen: 5.149 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

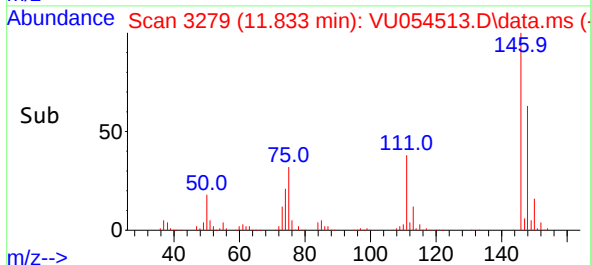
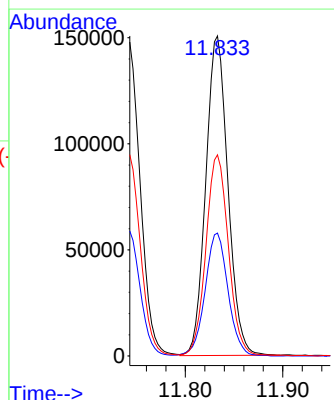
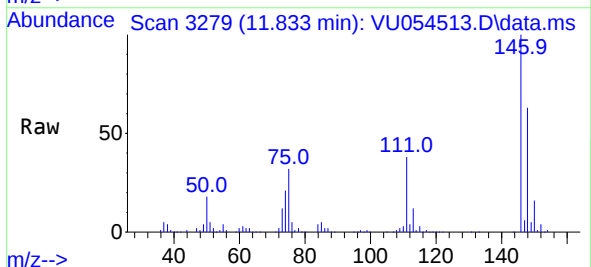
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

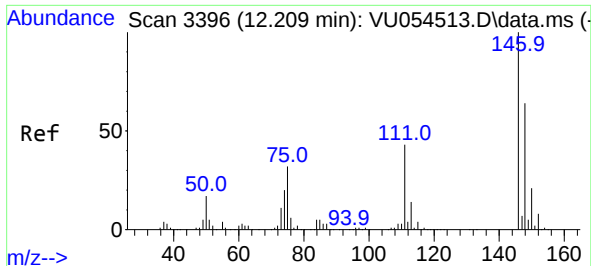
Tgt Ion:146 Resp: 241836
Ion Ratio Lower Upper
146 100
111 39.3 28.9 53.7
148 62.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.042 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion:146 Resp: 237640
Ion Ratio Lower Upper
146 100
111 38.4 28.0 52.0
148 62.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.062 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005184

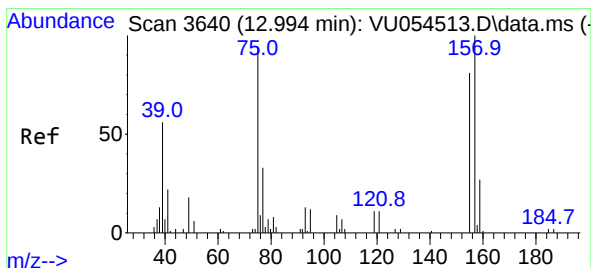
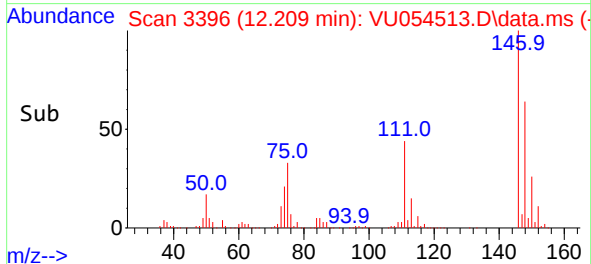
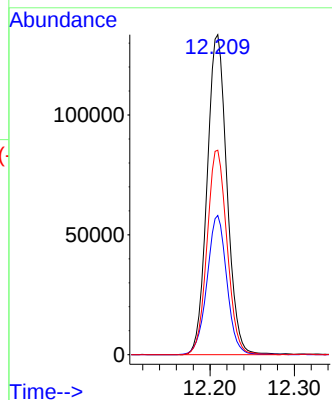
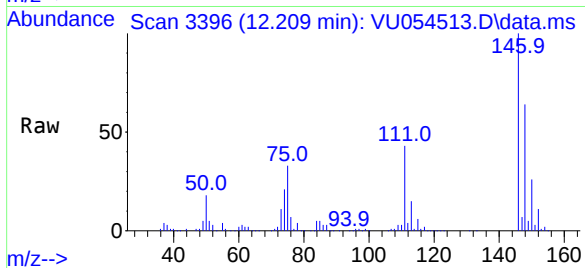
Tgt Ion:146 Resp: 218644

Ion Ratio Lower Upper

146 100

111 43.5 34.5 51.7

148 63.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.117 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU054513.D

Acq: 15 Jun 2023 09:21

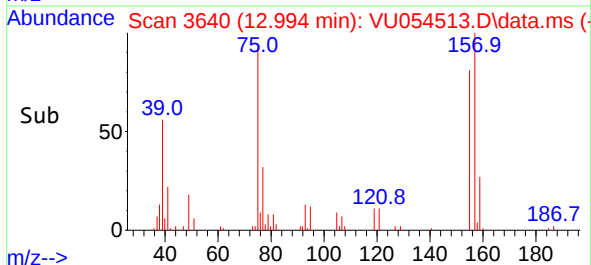
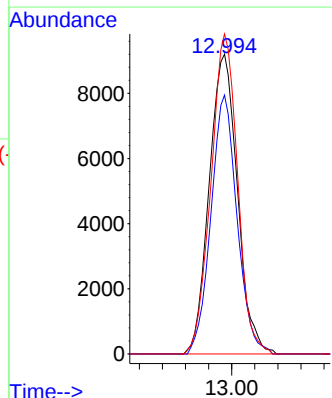
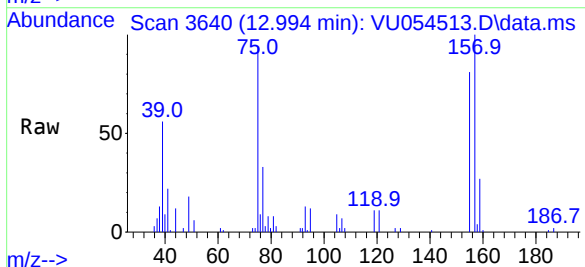
Tgt Ion: 75 Resp: 15608

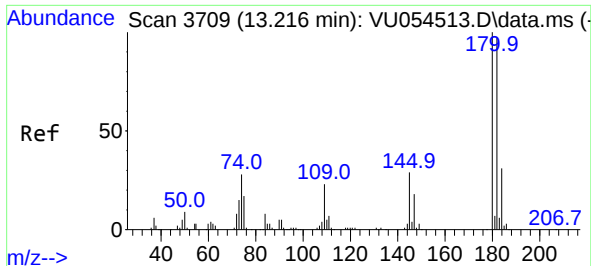
Ion Ratio Lower Upper

75 100

155 86.4 65.7 98.5

157 106.7 84.2 126.2



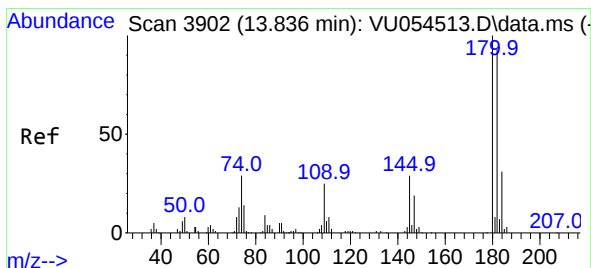
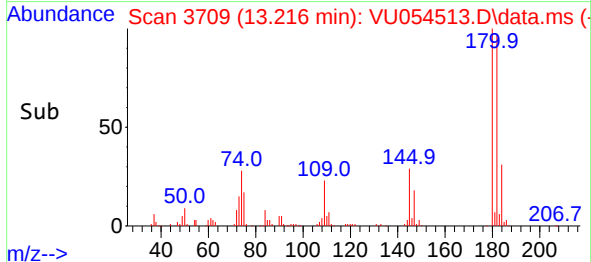
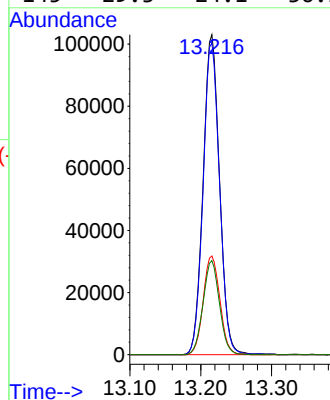
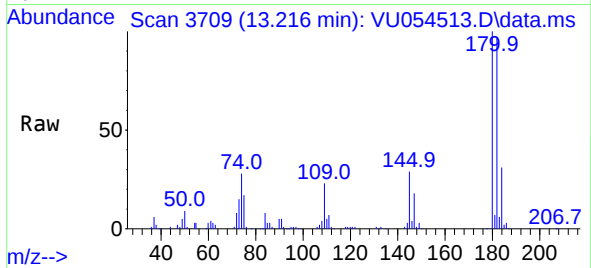


#69
1,3,5-Trichlorobenzene
Concen: 4.689 ug/L
RT: 13.216 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Tgt Ion:180 Resp: 166148

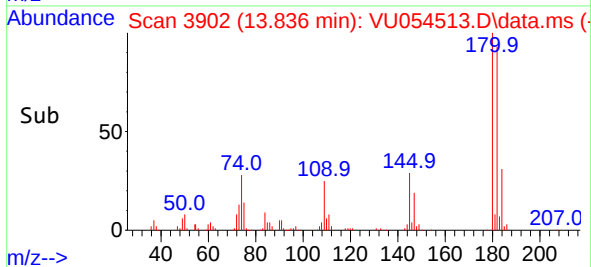
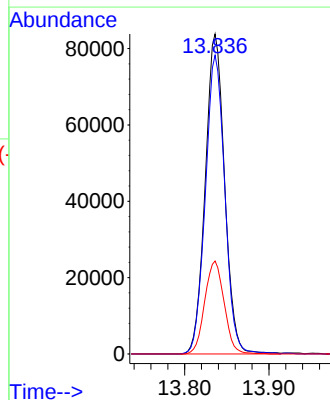
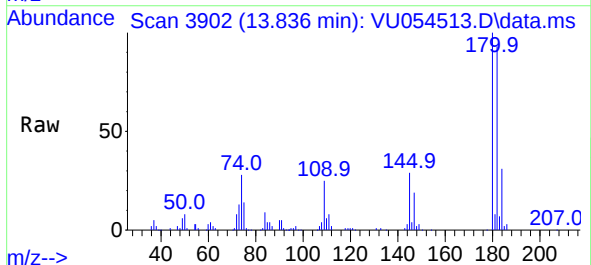
Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.0	112.6
184	31.2	24.1	36.1
145	29.3	24.1	36.1

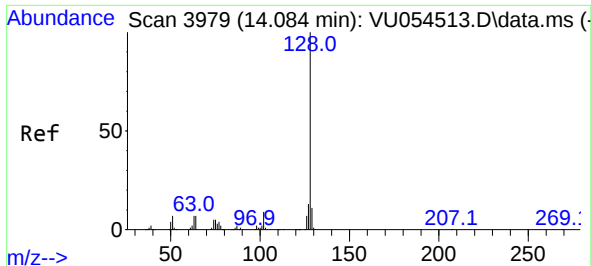


#70
1,2,4-trichlorobenzene
Concen: 4.579 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion:180 Resp: 134181

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.6	114.8
145	29.0	24.0	36.0

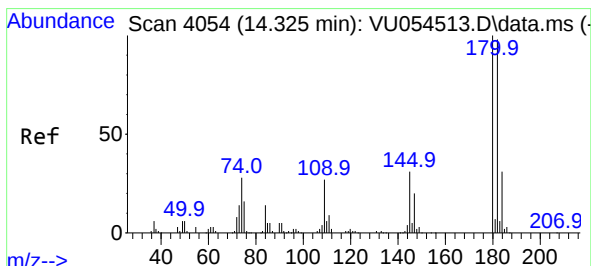
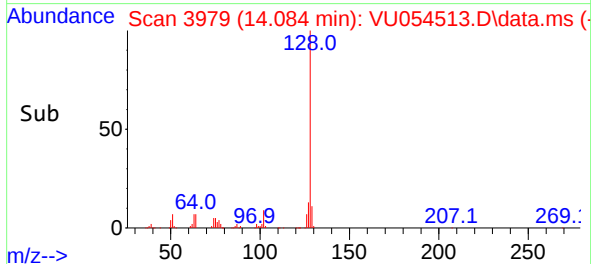
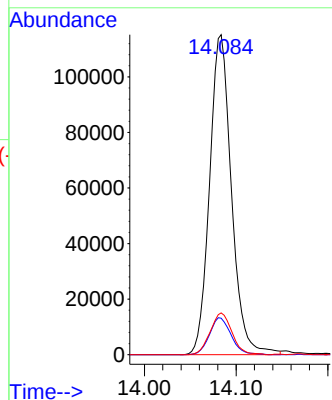
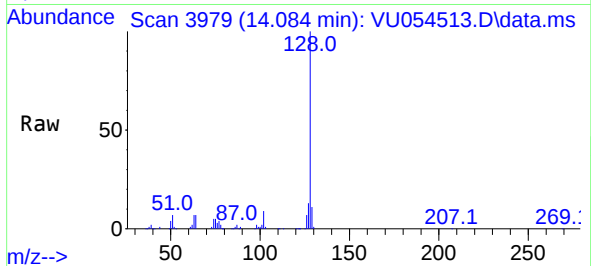




#71
Naphthalene
Concen: 4.011 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Tgt Ion:128 Resp: 191134
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.0 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.542 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054513.D
Acq: 15 Jun 2023 09:21

Tgt Ion:180 Resp: 114350
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.2
145 30.7 26.0 39.0

