

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053819.D
 Acq On : 20 Apr 2023 20:24
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

Quant Time: Apr 21 05:09:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	73291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44465	4.565	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.916	69	35893	4.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.565	65	17970	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.636	46	79081	35.441	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.880%
24) Chloroform-d	5.060	84	80650	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.700	65	37944	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.723	84	163444	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.687	67	49691	4.286	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.893	98	154128	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.176	79	18098	4.067	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.629	63	66801	36.961	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.920%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	36933	3.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	54810	4.157	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48793	4.802	ug/L	99
3) Chloromethane	1.520	50	48241	4.720	ug/L	96
5) Vinyl chloride	1.604	62	56204	4.877	ug/L	97
6) Bromomethane	1.858	94	35839	4.910	ug/L	98
8) Chloroethane	1.935	64	34522	5.153	ug/L	99
9) Trichlorofluoromethane	2.138	101	81106	4.660	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	46860	5.312	ug/L	97
12) 1,1-Dichloroethene	2.578	96	41284	5.150	ug/L	93
13) Acetone	2.649	43	51755	39.084	ug/L #	48
14) Carbon disulfide	2.794	76	104856	4.457	ug/L	99
15) Methyl Acetate	2.958	43	12739	4.101	ug/L	99
16) Methylene chloride	3.044	84	58394	5.547	ug/L	96
17) Methyl tert-butyl Ether	3.360	73	87540	4.505	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	39982	4.802	ug/L	94
19) 1,1-Dichloroethane	3.868	63	76906	5.014	ug/L	97
21) 2-Butanone	4.713	43	84534	41.113	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	46763	4.168	ug/L	97
23) Bromochloromethane	4.970	128	20965	5.280	ug/L	90
25) Chloroform	5.083	83	82849	5.251	ug/L	99

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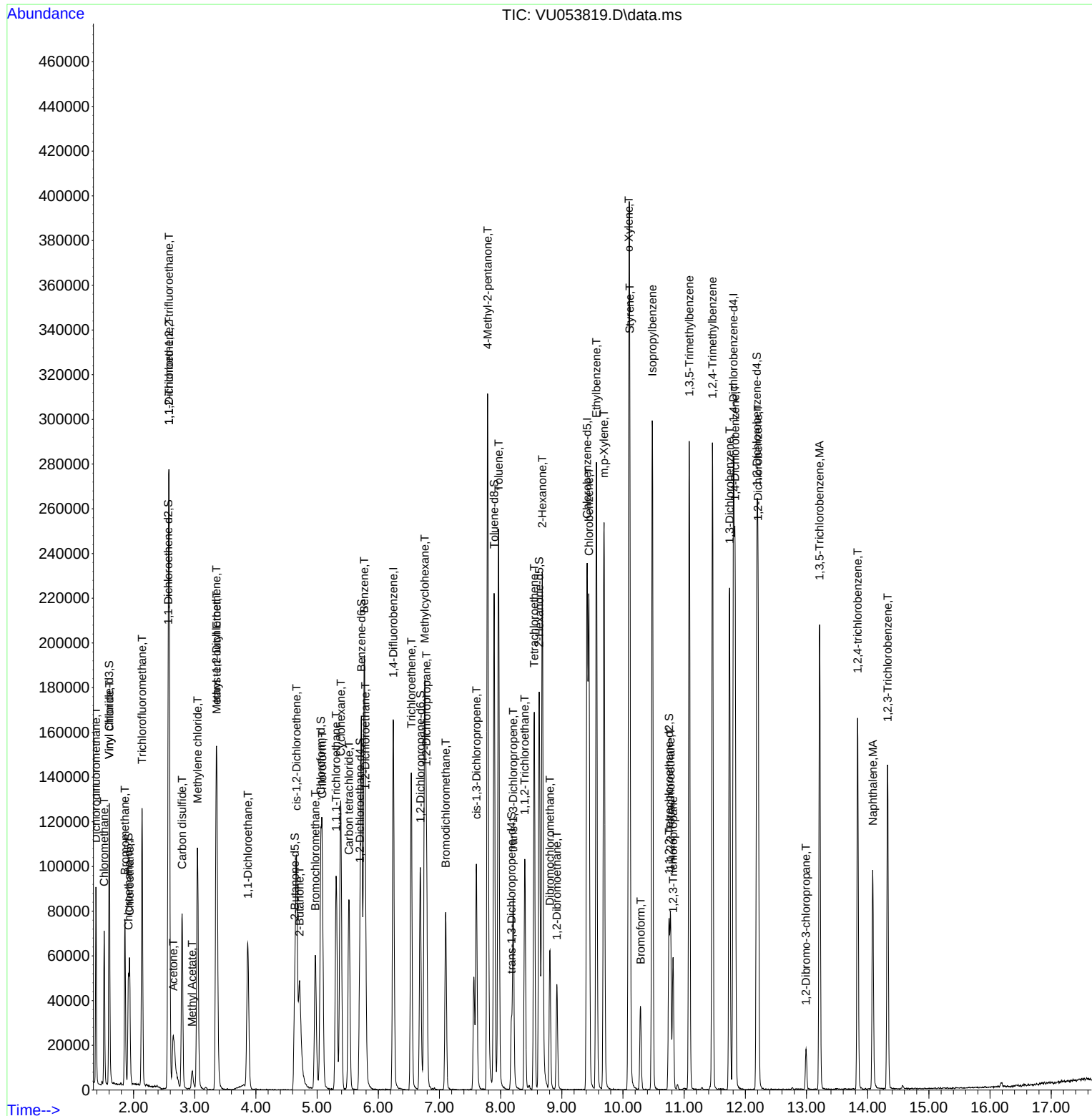
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	49489	5.007	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	70859	5.345	ug/L	97
30) Cyclohexane	5.385	56	62486	4.424	ug/L	99
31) Carbon tetrachloride	5.520	117	61256	5.461	ug/L	97
33) Benzene	5.771	78	177139	4.924	ug/L	100
34) Trichloroethene	6.539	95	48593	5.072	ug/L	95
35) Methylcyclohexane	6.758	83	72131	4.388	ug/L	97
37) 1,2-Dichloropropane	6.787	63	45249	4.763	ug/L	99
38) Bromodichloromethane	7.102	83	52052	4.934	ug/L #	97
39) cis-1,3-Dichloropropene	7.604	75	62963	4.486	ug/L	94
40) 4-Methyl-2-pentanone	7.787	43	193062	41.532	ug/L	97
42) Toluene	7.967	91	190887	4.856	ug/L	96
44) trans-1,3-Dichloropropene	8.205	75	52219	4.573	ug/L	96
45) 1,1,2-Trichloroethane	8.395	97	32753	4.856	ug/L	91
47) Tetrachloroethene	8.549	164	38341	5.447	ug/L	95
48) 2-Hexanone	8.681	43	142314	41.404	ug/L	95
49) Dibromochloromethane	8.806	129	32716	4.905	ug/L	98
50) 1,2-Dibromoethane	8.919	107	31749	4.874	ug/L #	98
51) Chlorobenzene	9.443	112	122216	4.929	ug/L	98
52) Ethylbenzene	9.565	91	200740	4.685	ug/L	97
53) m,p-Xylene	9.690	106	77530	4.747	ug/L	99
54) o-Xylene	10.096	106	75518	4.873	ug/L	97
55) Styrene	10.112	104	122955	4.831	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	37644	4.420	ug/L	100
59) Bromoform	10.289	173	16520	4.377	ug/L	98
60) Isopropylbenzene	10.478	105	199022	4.471	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	24782	4.081	ug/L	96
62) 1,3,5-Trimethylbenzene	11.083	105	157982	4.373	ug/L	96
63) 1,2,4-Trimethylbenzene	11.462	105	161898	4.376	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	94384	4.822	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	95412	4.855	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	87442	4.713	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.989	75	4228	3.591	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.214	180	64898	4.750	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	51551	4.745	ug/L	99
71) Naphthalene	14.083	128	83756	4.092	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	45779	4.828	ug/L	99

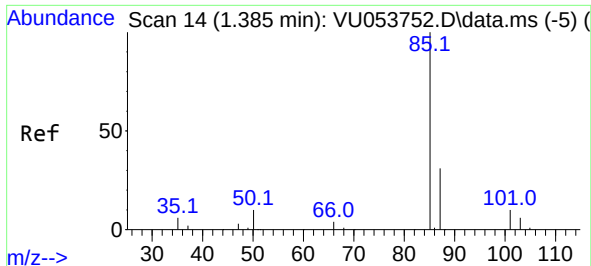
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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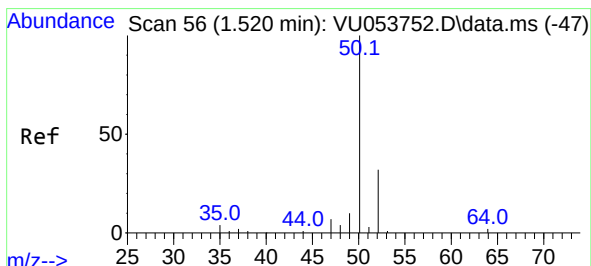
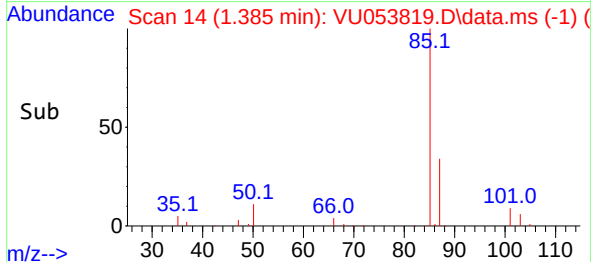
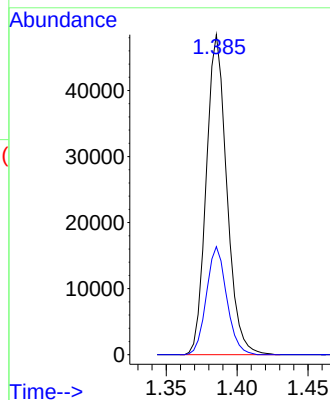
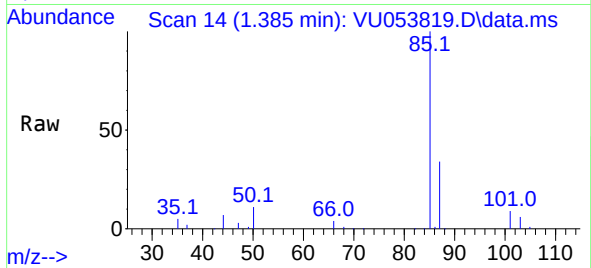




#2
Dichlorodifluoromethane
Concen: 4.802 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

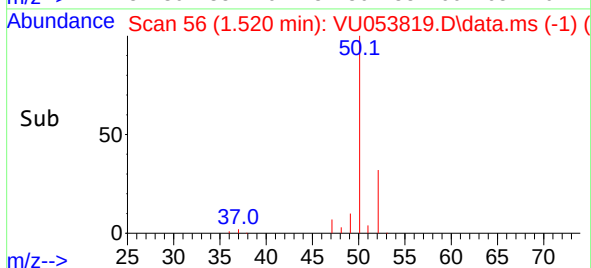
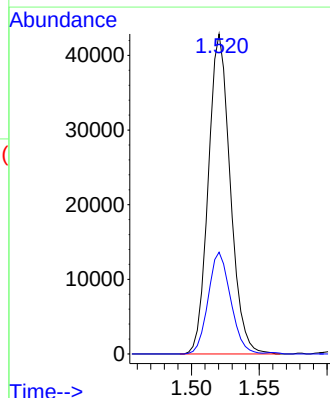
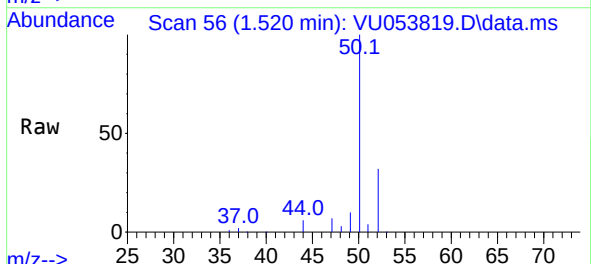
Instrument :
MSVOA_U
ClientSampleId :
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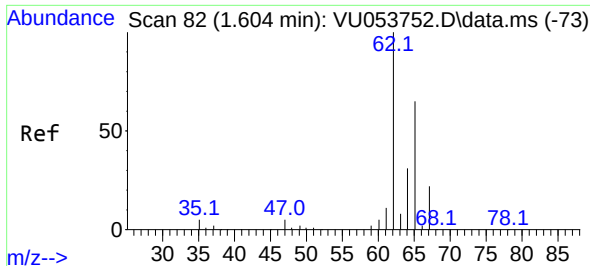
Tgt Ion: 85 Resp: 48793
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1



#3
Chloromethane
Concen: 4.720 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 50 Resp: 48241
Ion Ratio Lower Upper
50 100
52 31.8 23.9 44.3

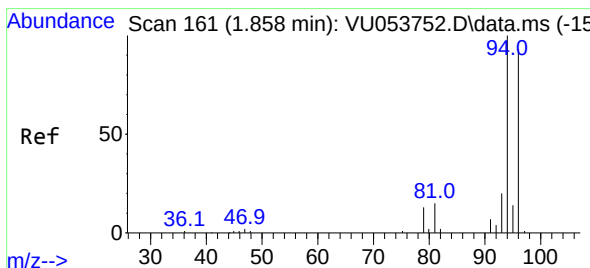
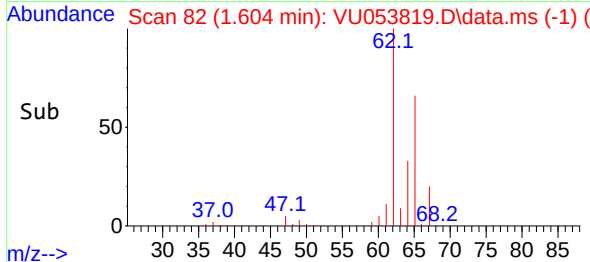
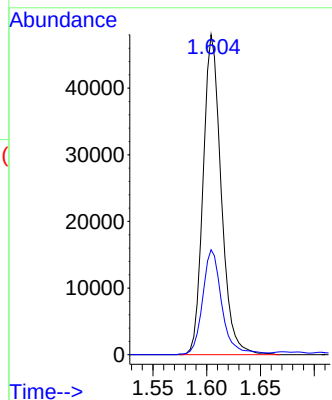
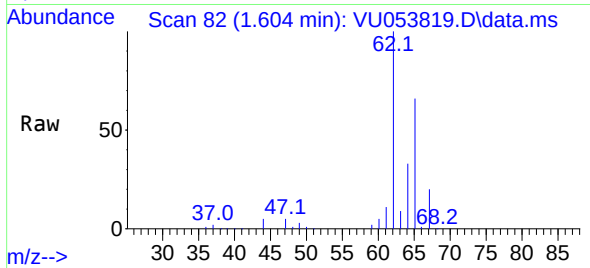




#5
Vinyl chloride
Concen: 4.877 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

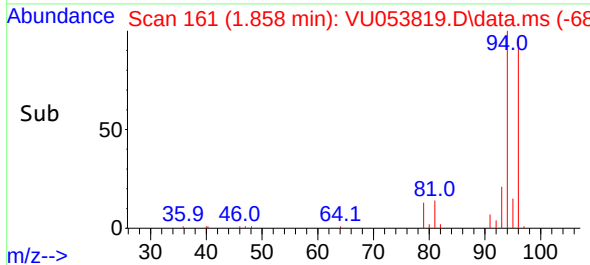
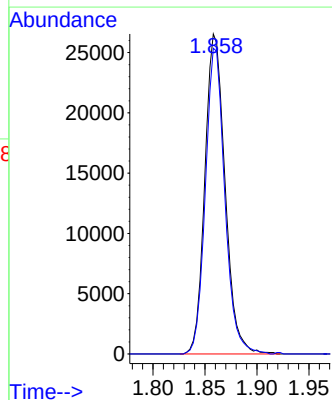
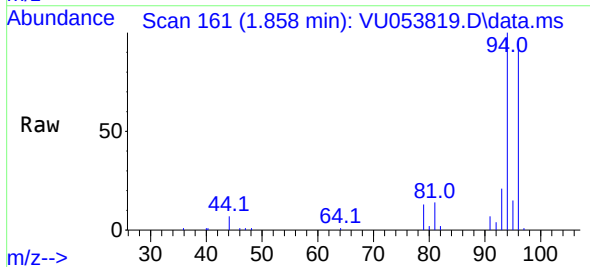
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

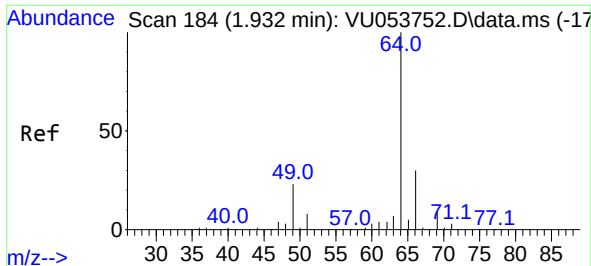
Tgt Ion: 62 Resp: 56204
Ion Ratio Lower Upper
62 100
64 32.8 24.1 44.7



#6
Bromomethane
Concen: 4.910 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 94 Resp: 35839
Ion Ratio Lower Upper
94 100
96 95.6 68.3 126.8

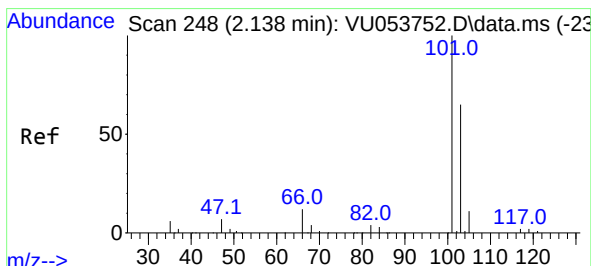
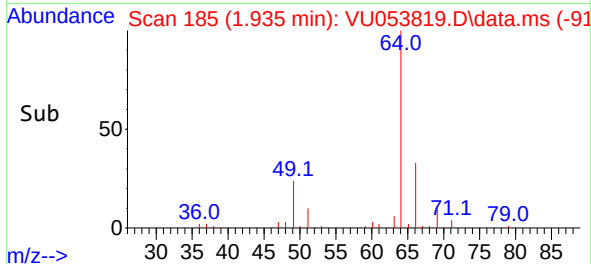
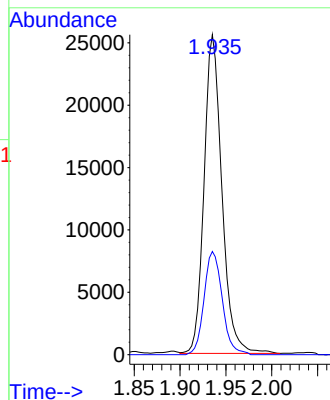
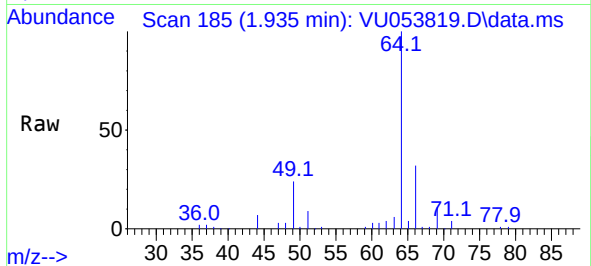




#8
Chloroethane
Concen: 5.153 ug/L
RT: 1.935 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

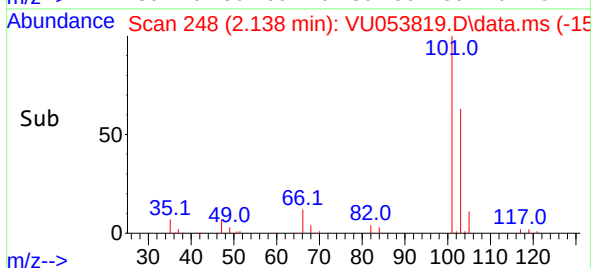
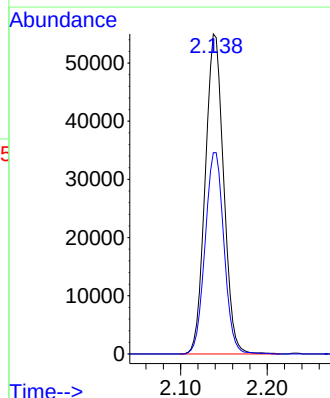
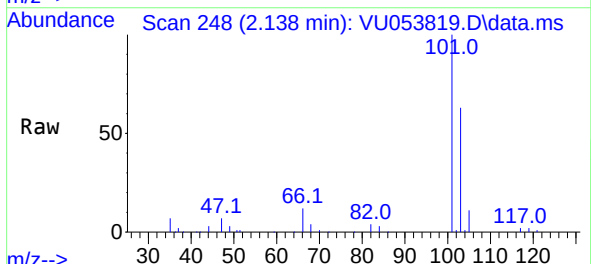
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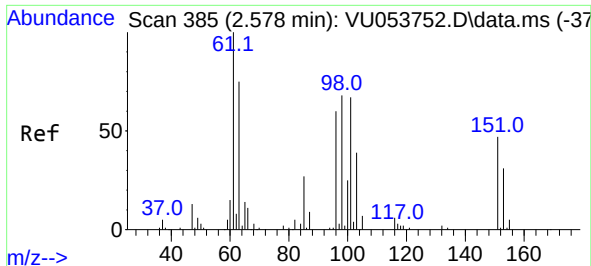
Tgt Ion: 64 Resp: 34522
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.660 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion:101 Resp: 81106
Ion Ratio Lower Upper
101 100
103 64.5 50.2 75.2

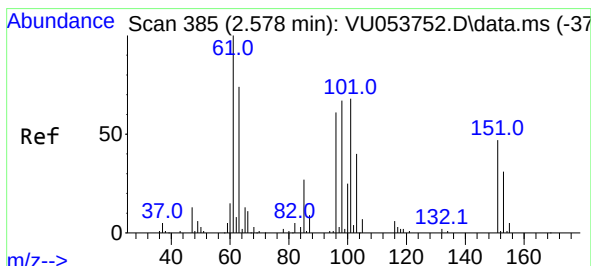
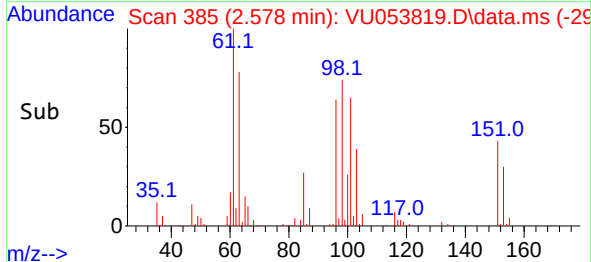
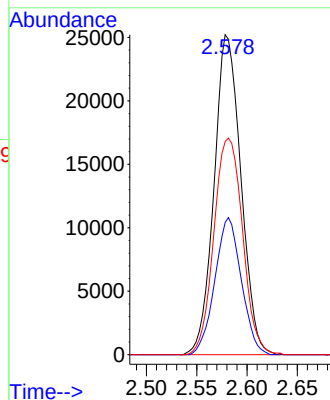
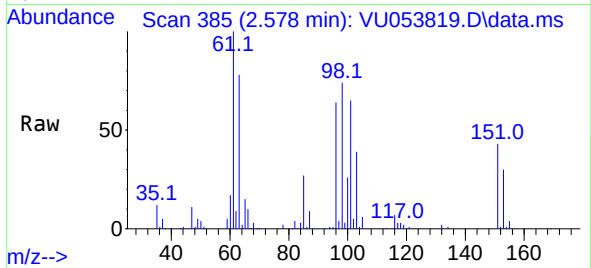




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.312 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053819.D
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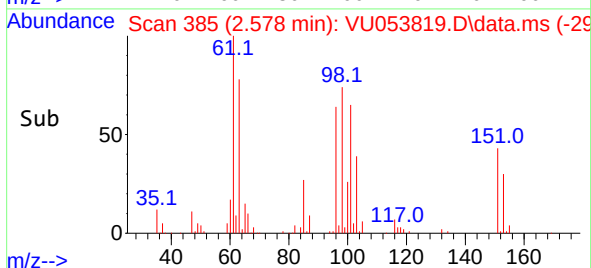
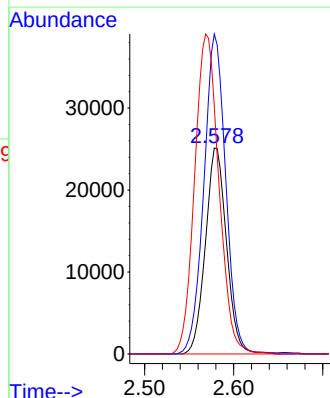
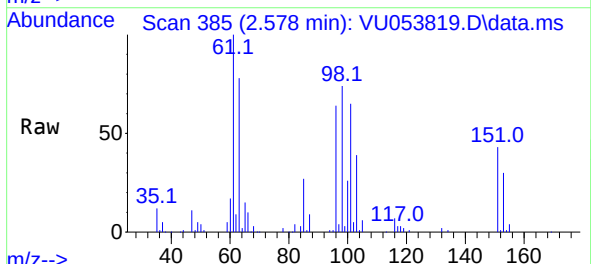
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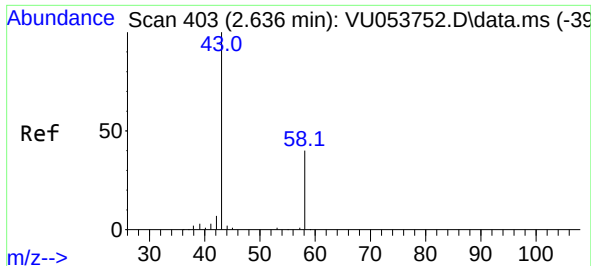
Tgt Ion:101 Resp: 46860
 Ion Ratio Lower Upper
 101 100
 85 42.2 37.0 55.4
 151 72.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.150 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053819.D
 Acq: 20 Apr 2023 20:24

Tgt Ion: 96 Resp: 41284
 Ion Ratio Lower Upper
 96 100
 61 155.3 116.8 216.8
 63 120.4 88.6 164.6





#13

Acetone

Concen: 39.084 ug/L

RT: 2.649 min Scan# 403

Delta R.T. 0.013 min

Lab File: VU053819.D

Acq: 20 Apr 2023 20:24

Instrument :

MSVOA_U

ClientSampleId :

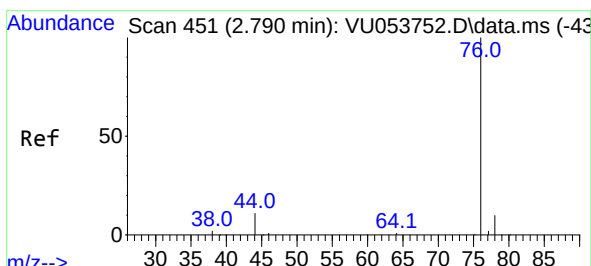
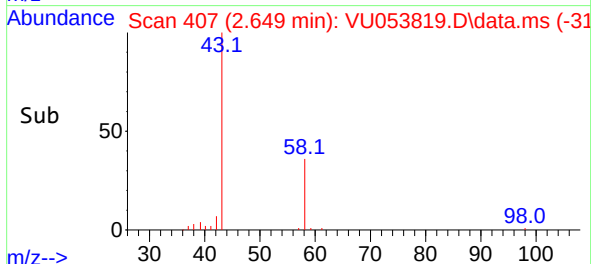
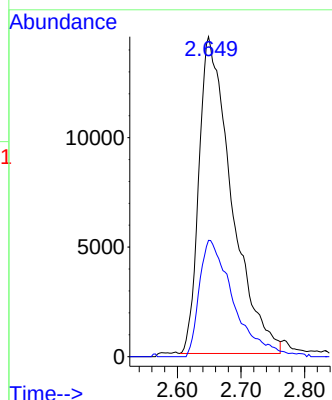
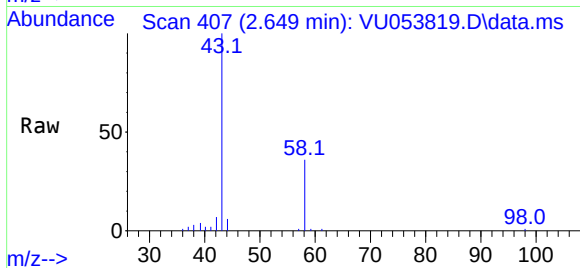
VSTD005156

Tgt Ion: 43 Resp: 51755

Ion Ratio Lower Upper

43 100

58 38.2 0.0 32.2#



#14

Carbon disulfide

Concen: 4.457 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU053819.D

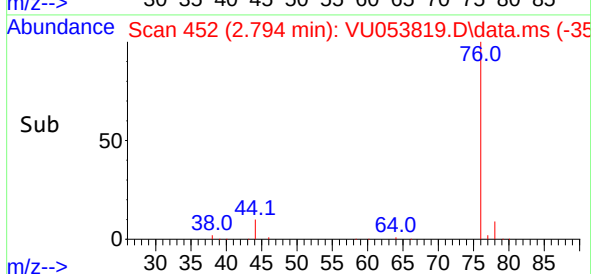
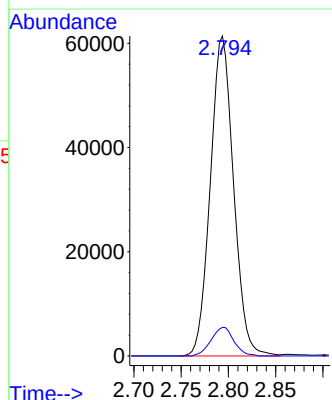
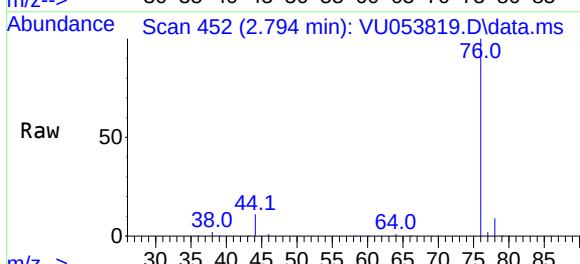
Acq: 20 Apr 2023 20:24

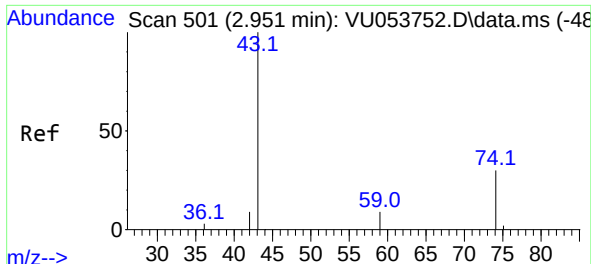
Tgt Ion: 76 Resp: 104856

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

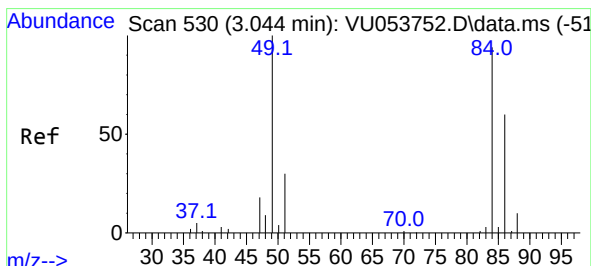
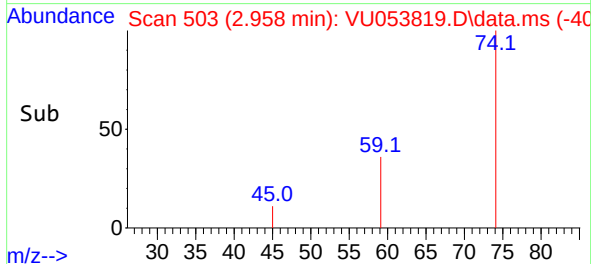
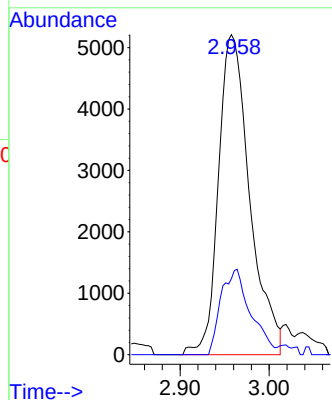
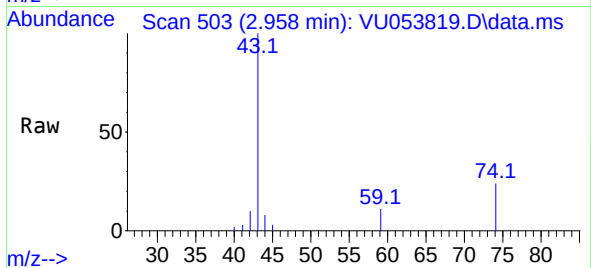




#15
Methyl Acetate
Concen: 4.101 ug/L
RT: 2.958 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

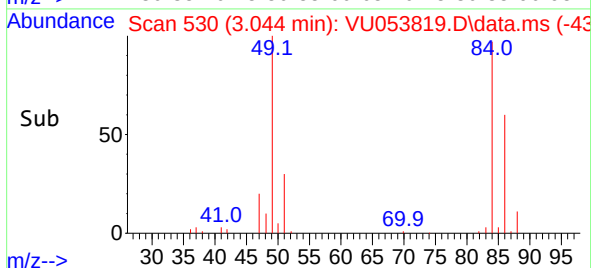
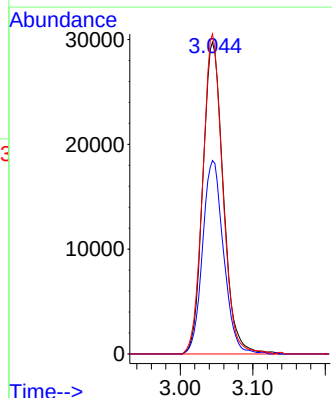
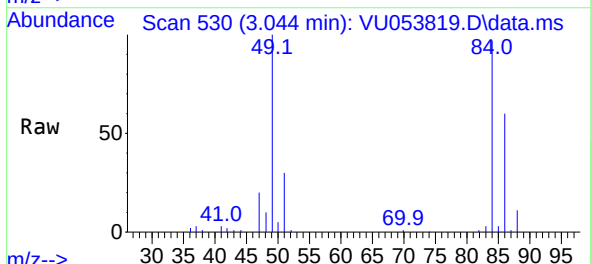
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

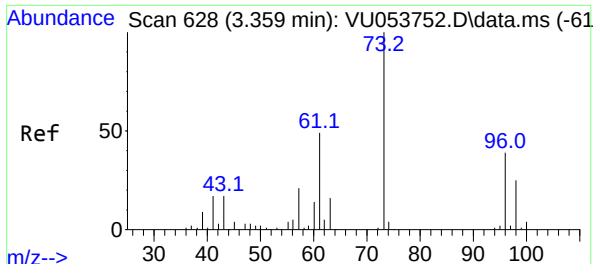
Tgt Ion: 43 Resp: 12739
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2



#16
Methylene chloride
Concen: 5.547 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 84 Resp: 58394
Ion Ratio Lower Upper
84 100
86 62.0 44.7 83.1
49 102.6 75.5 140.1

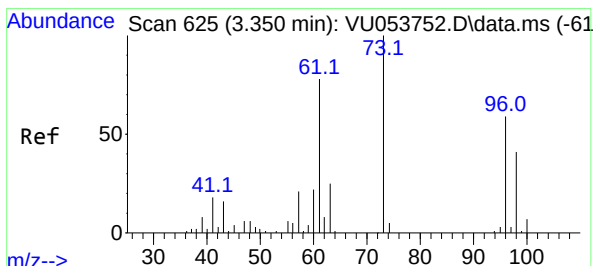
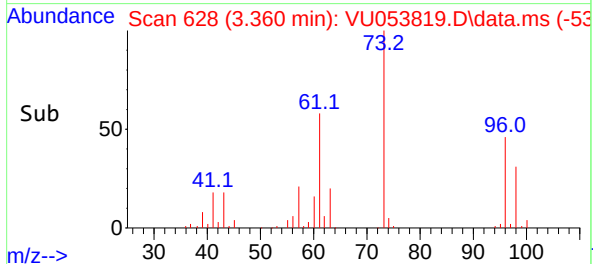
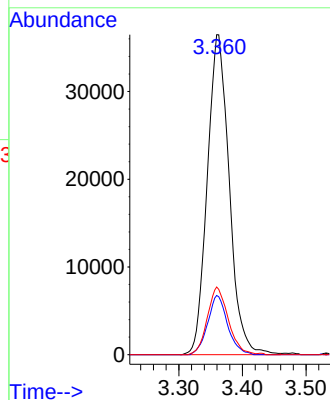
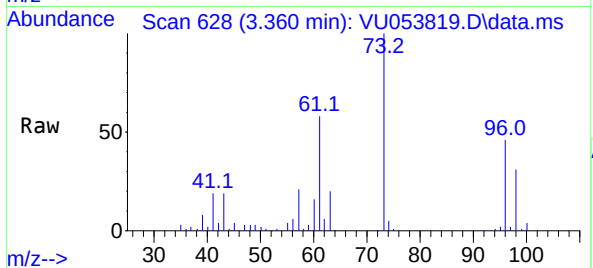




#17
Methyl tert-butyl Ether
Concen: 4.505 ug/L
RT: 3.360 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

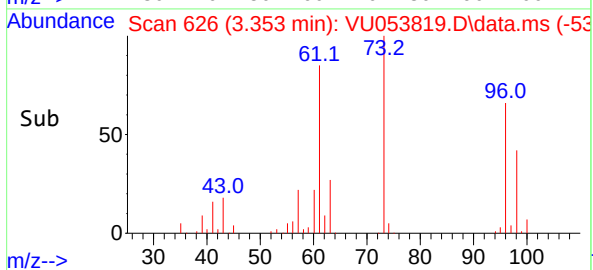
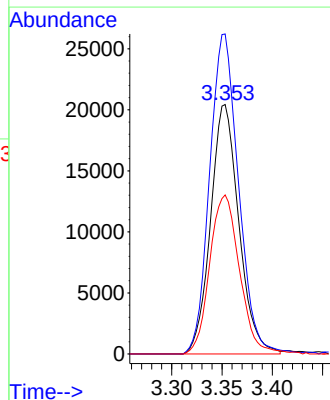
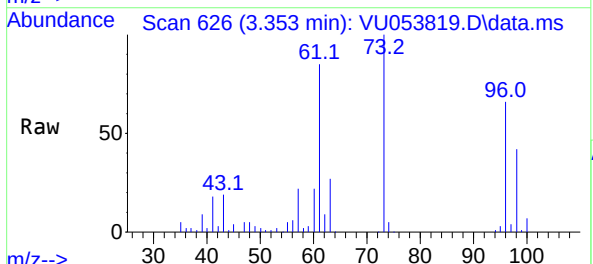
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

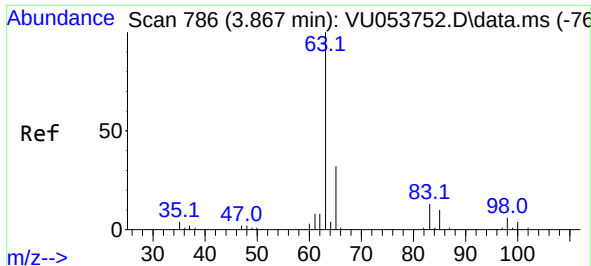
Tgt Ion: 73 Resp: 87540
Ion Ratio Lower Upper
73 100
43 16.8 13.9 20.9
57 20.0 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.802 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 96 Resp: 39982
Ion Ratio Lower Upper
96 100
61 128.3 95.5 177.3
98 63.7 42.2 78.4

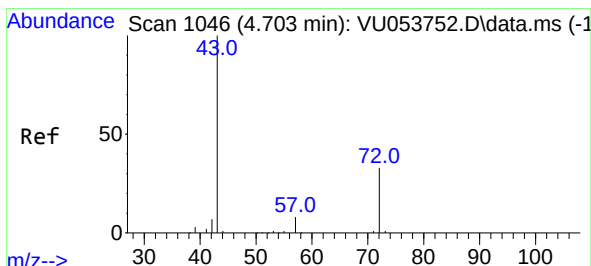
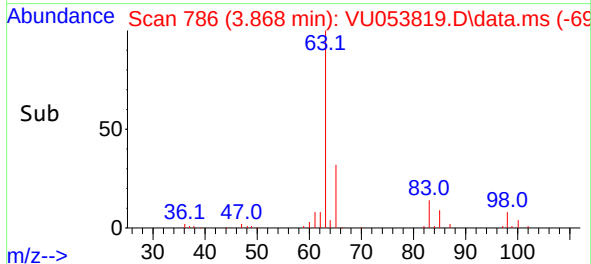
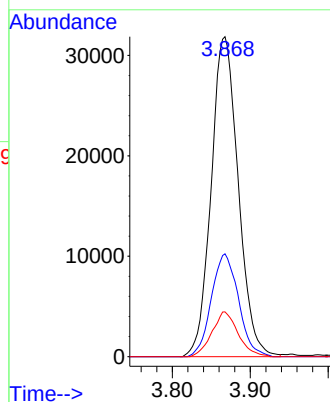
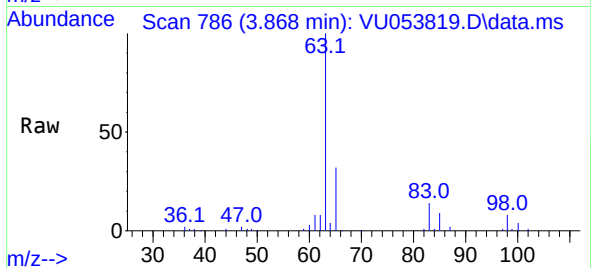




#19
1,1-Dichloroethane
Concen: 5.014 ug/L
RT: 3.868 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

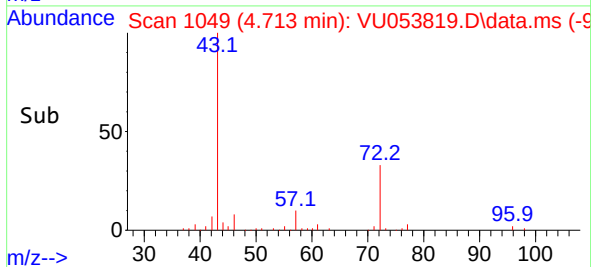
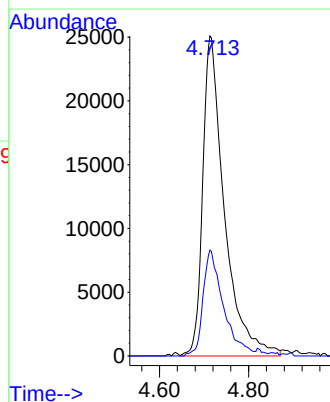
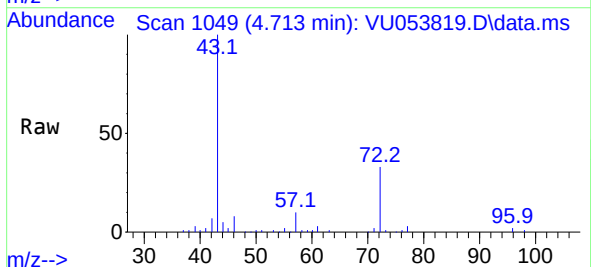
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

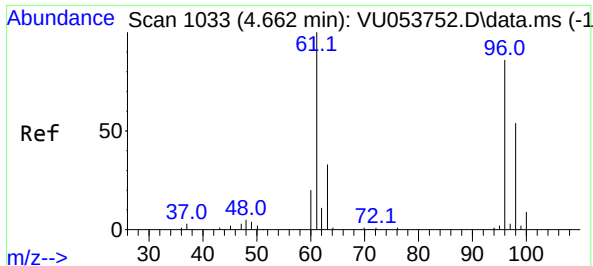
Tgt Ion: 63 Resp: 76906
Ion Ratio Lower Upper
63 100
65 32.2 21.7 40.3
83 14.0 8.1 15.1



#21
2-Butanone
Concen: 41.113 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.010 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 43 Resp: 84534
Ion Ratio Lower Upper
43 100
72 31.1 16.2 48.6

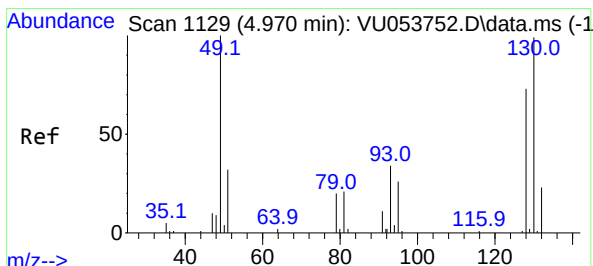
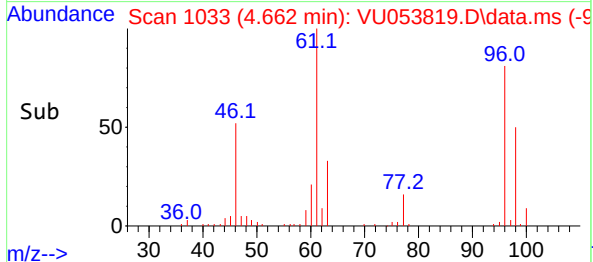
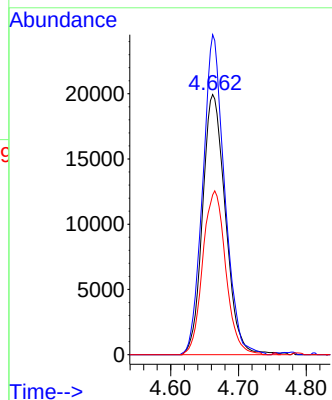
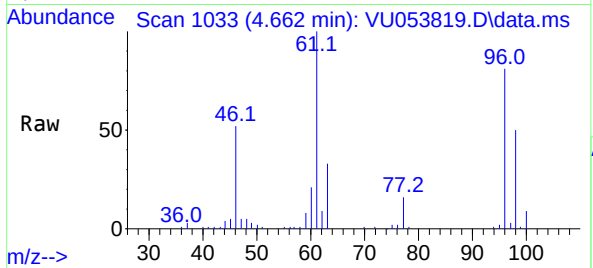




#22
cis-1,2-Dichloroethene
Concen: 4.168 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

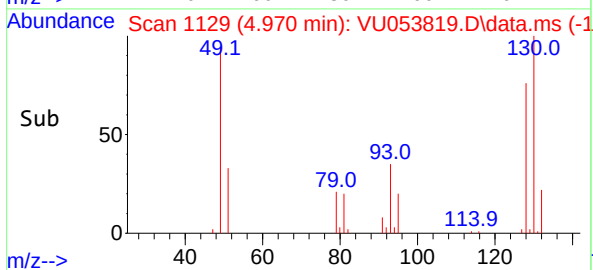
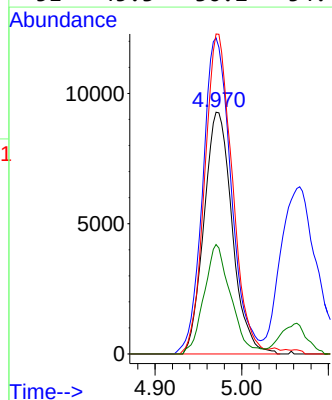
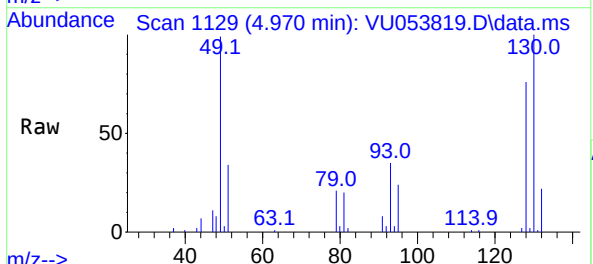
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

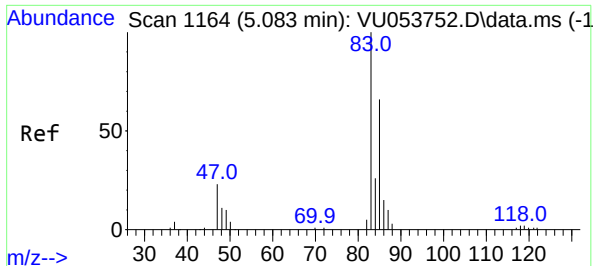
Tgt Ion: 96 Resp: 46763
Ion Ratio Lower Upper
96 100
61 123.0 86.6 160.8
98 61.5 47.7 88.5



#23
Bromochloromethane
Concen: 5.280 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 128 Resp: 20965
Ion Ratio Lower Upper
128 100
49 130.7 102.8 190.8
130 132.4 85.1 158.1
51 45.3 36.2 54.4





#25

Chloroform

Concen: 5.251 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU053819.D

Acq: 20 Apr 2023 20:24

Instrument :

MSVOA_U

ClientSampleId :

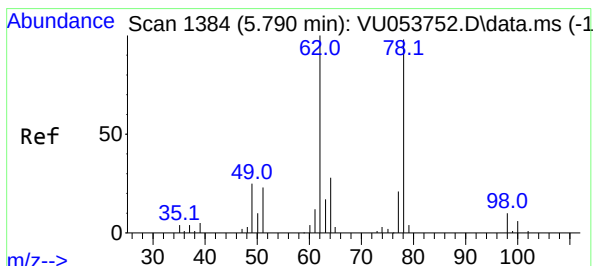
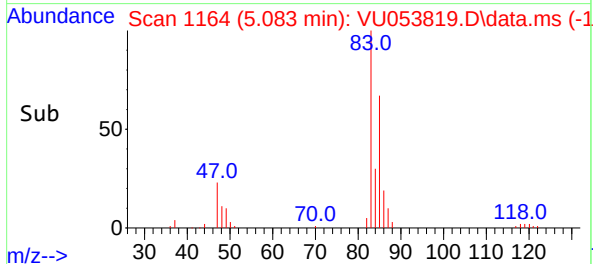
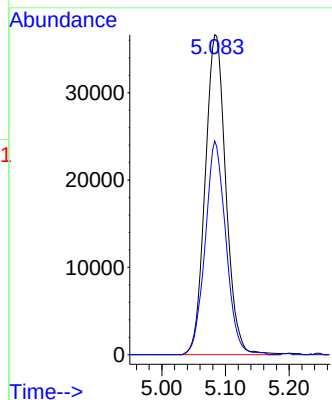
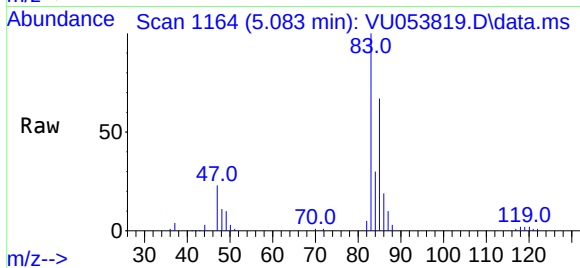
VSTD005156

Tgt Ion: 83 Resp: 82849

Ion Ratio Lower Upper

83 100

85 66.7 47.3 87.9



#27

1,2-Dichloroethane

Concen: 5.007 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU053819.D

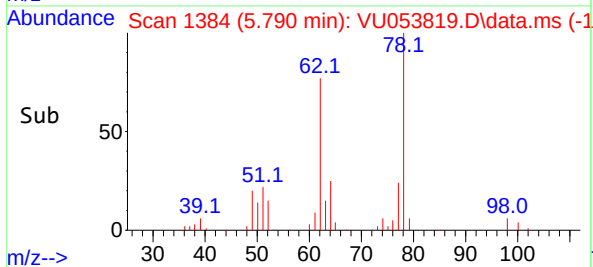
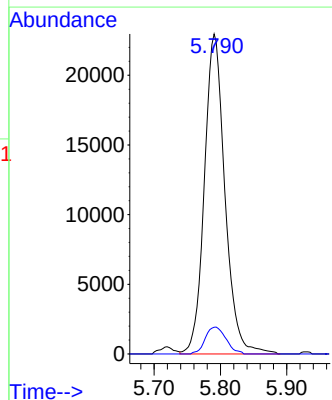
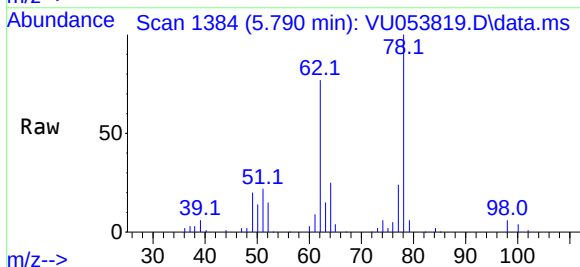
Acq: 20 Apr 2023 20:24

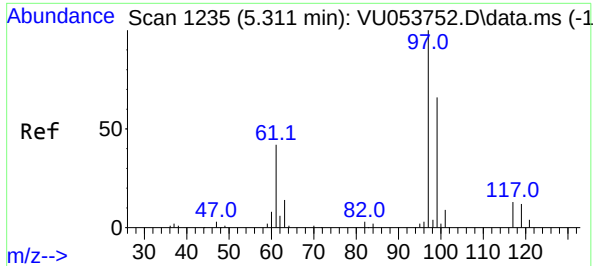
Tgt Ion: 62 Resp: 49489

Ion Ratio Lower Upper

62 100

98 8.3 6.4 9.6



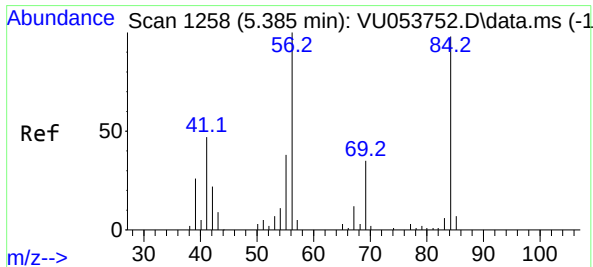
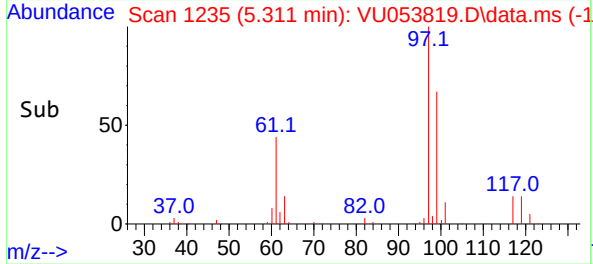
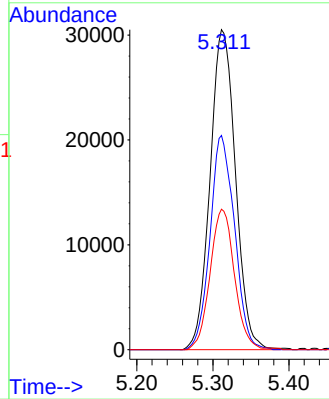
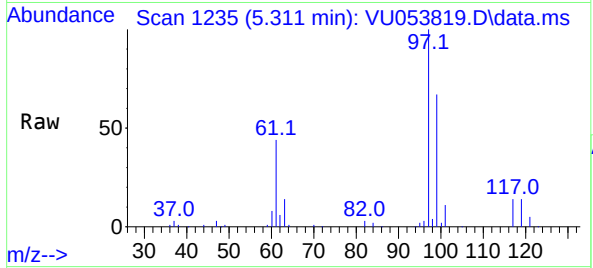


#29
1,1,1-Trichloroethane
Concen: 5.345 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

Tgt Ion: 97 Resp: 70859

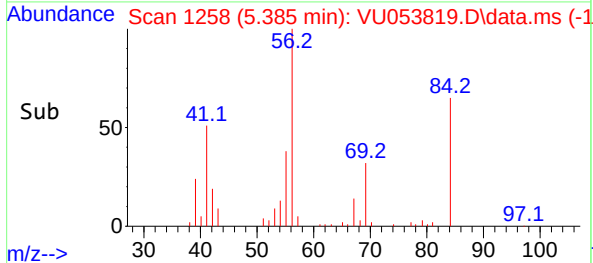
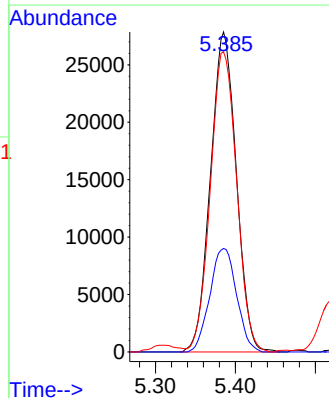
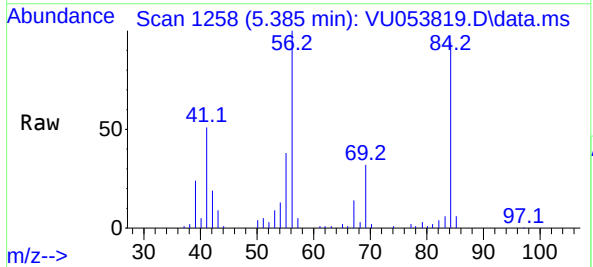
Ion	Ratio	Lower	Upper
97	100		
99	64.6	49.9	74.9
61	42.0	35.7	53.5

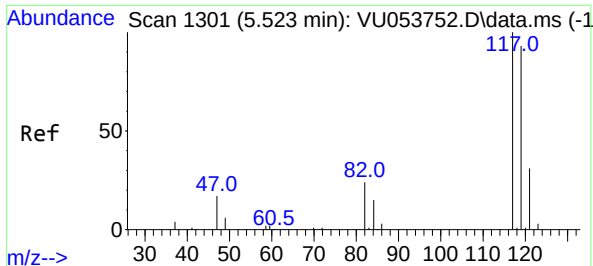


#30
Cyclohexane
Concen: 4.424 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 56 Resp: 62486

Ion	Ratio	Lower	Upper
56	100		
69	33.5	26.1	39.1
84	95.6	75.6	113.4

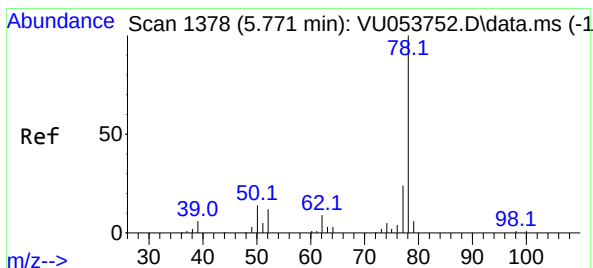
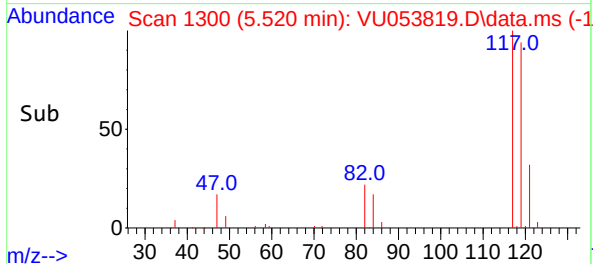
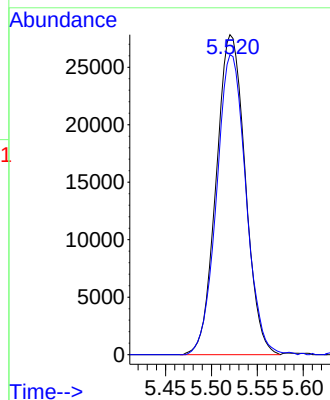
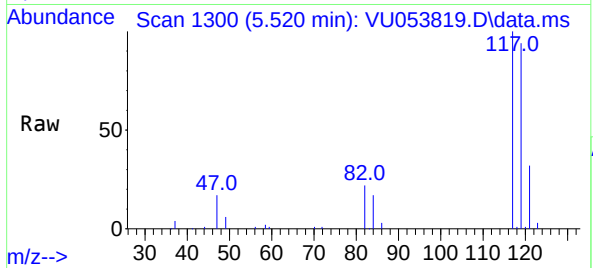




#31
Carbon tetrachloride
Concen: 5.461 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

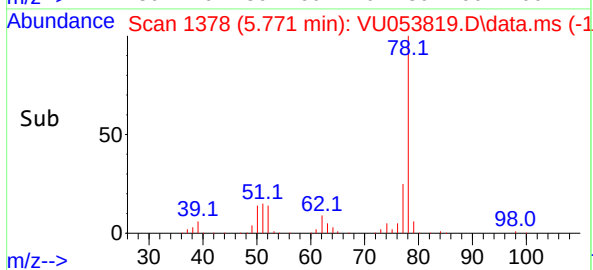
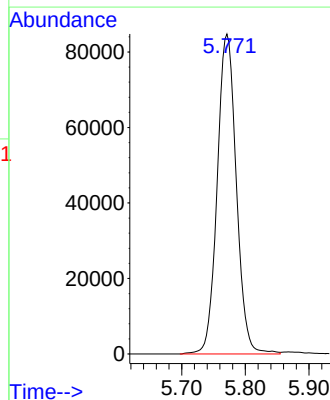
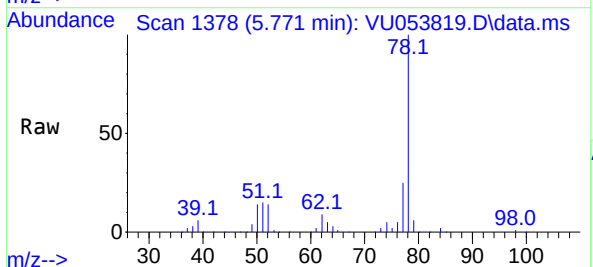
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

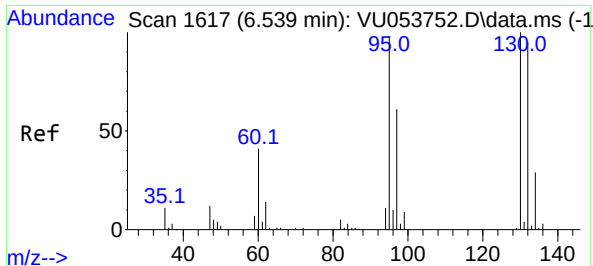
Tgt Ion:117 Resp: 61256
Ion Ratio Lower Upper
117 100
119 94.6 77.7 116.5



#33
Benzene
Concen: 4.924 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

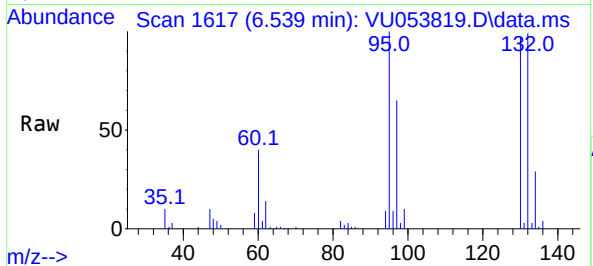
Tgt Ion: 78 Resp: 177139





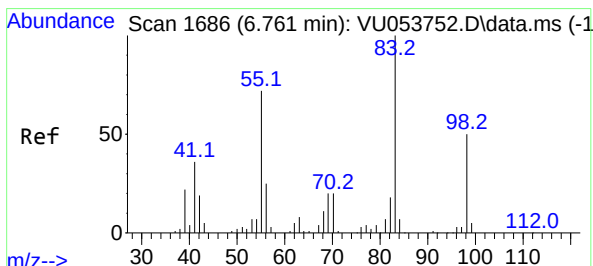
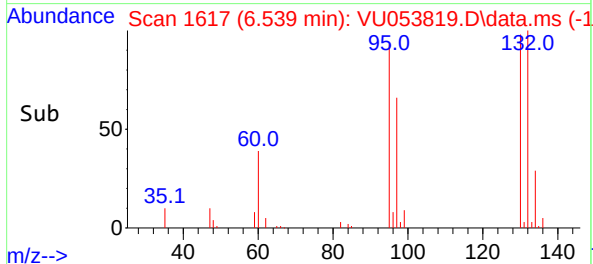
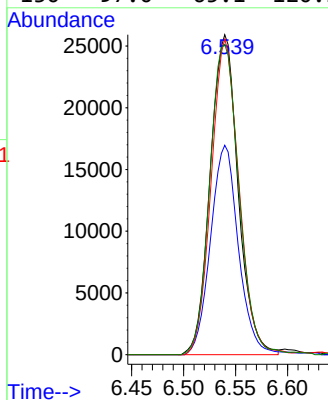
#34
Trichloroethene
Concen: 5.072 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005156



Tgt Ion: 95 Resp: 48593

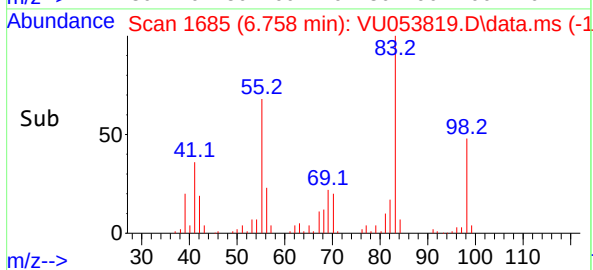
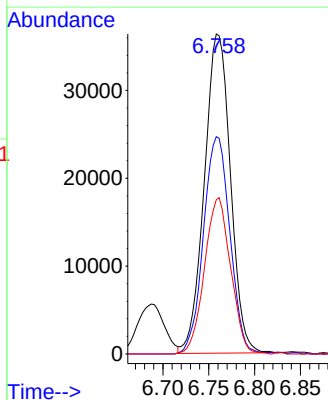
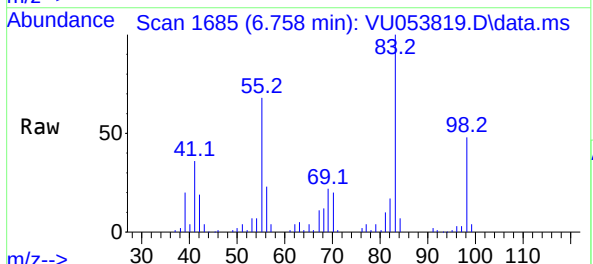
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.3	84.1
132	98.6	62.8	116.6
130	97.0	65.1	120.9

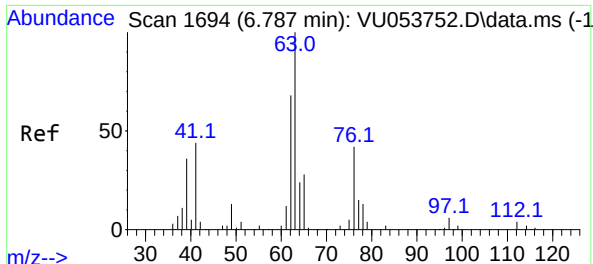


#35
Methylcyclohexane
Concen: 4.388 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 83 Resp: 72131

Ion	Ratio	Lower	Upper
83	100		
55	68.8	54.9	82.3
98	48.9	34.9	52.3

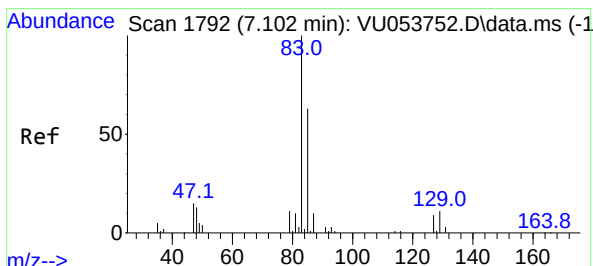
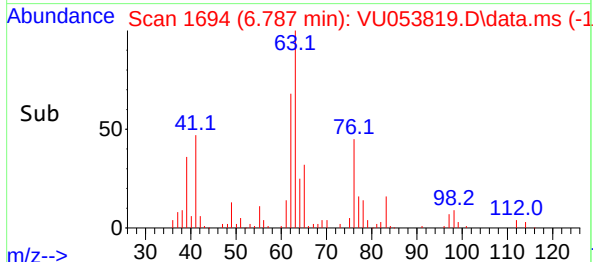
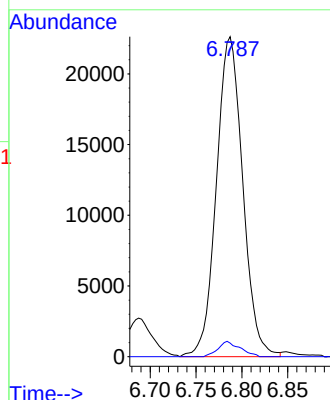
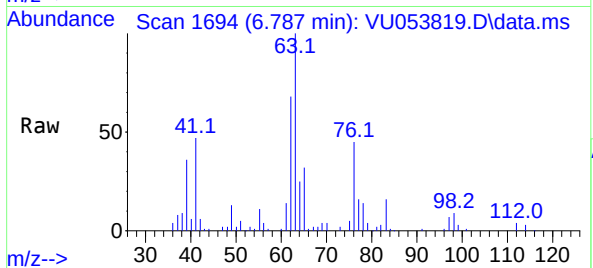




#37
1,2-Dichloropropane
Concen: 4.763 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

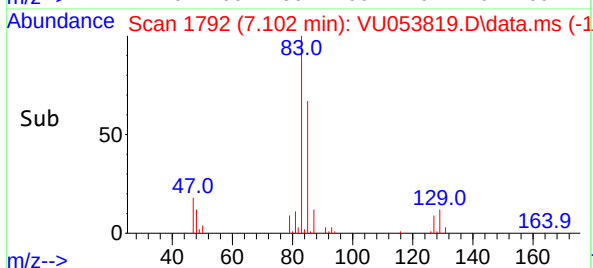
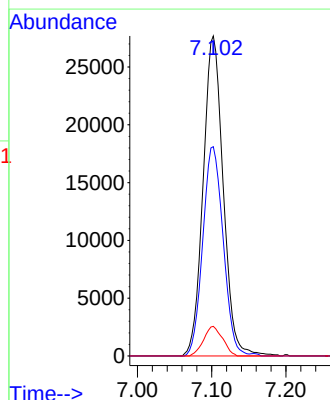
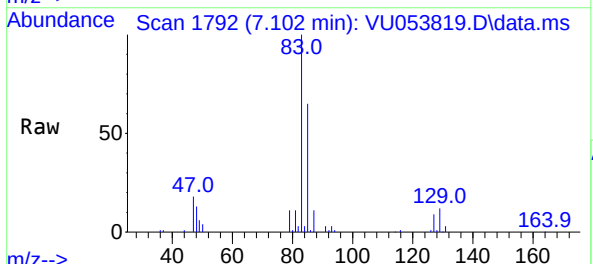
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

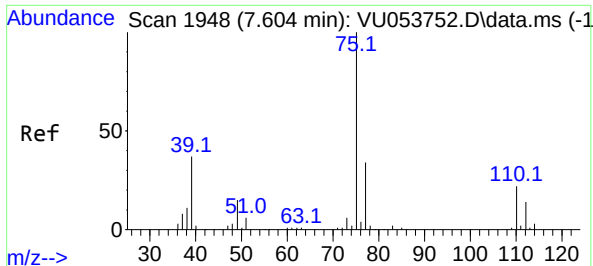
Tgt Ion: 63 Resp: 45249
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 4.934 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 83 Resp: 52052
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.8
127 9.3 5.8 8.6

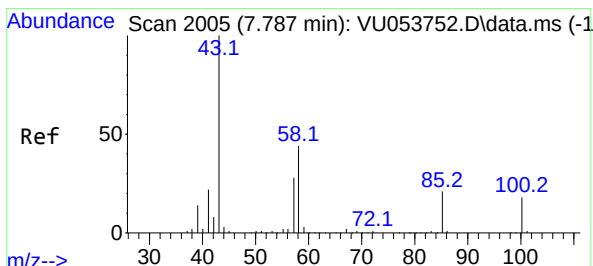
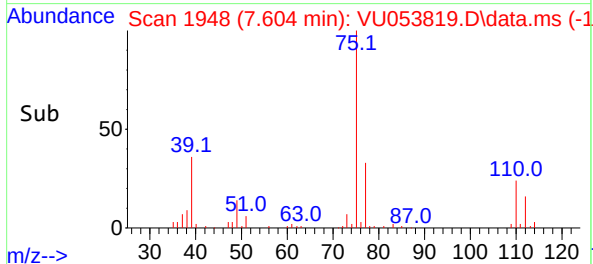
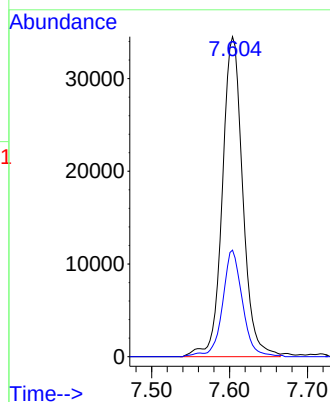
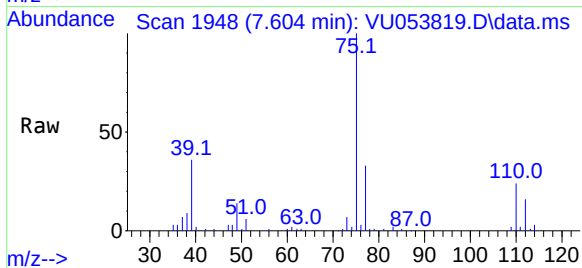




#39
 cis-1,3-Dichloropropene
 Concen: 4.486 ug/L
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU053819.D
 Acq: 20 Apr 2023 20:24

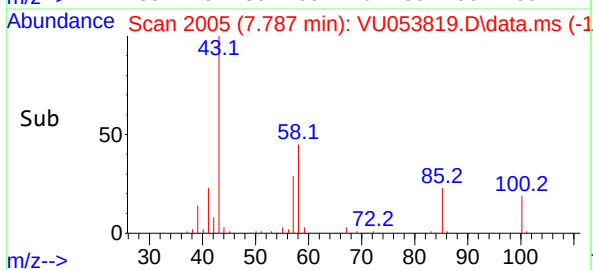
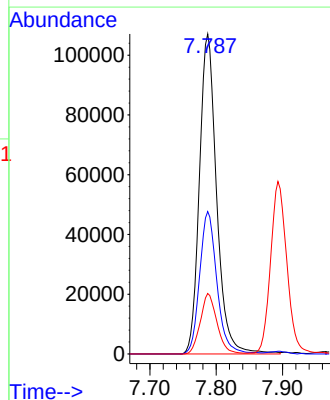
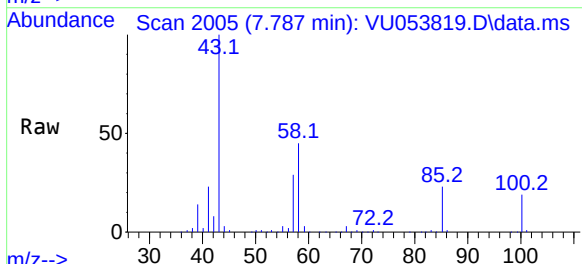
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

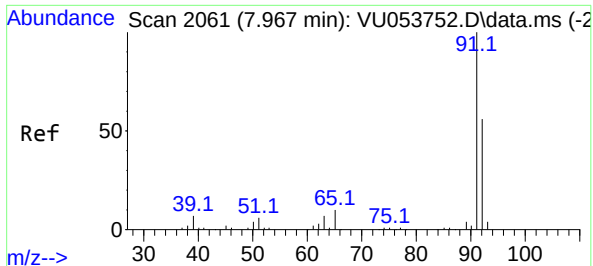
Tgt Ion: 75 Resp: 62963
 Ion Ratio Lower Upper
 75 100
 77 33.3 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 41.532 ug/L
 RT: 7.787 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VU053819.D
 Acq: 20 Apr 2023 20:24

Tgt Ion: 43 Resp: 193062
 Ion Ratio Lower Upper
 43 100
 58 44.8 37.4 56.0
 100 18.3 14.0 21.0

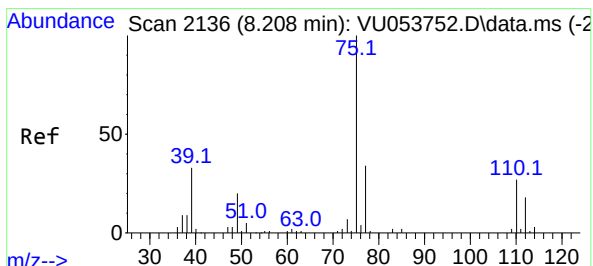
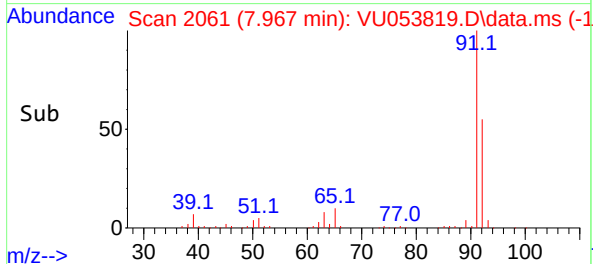
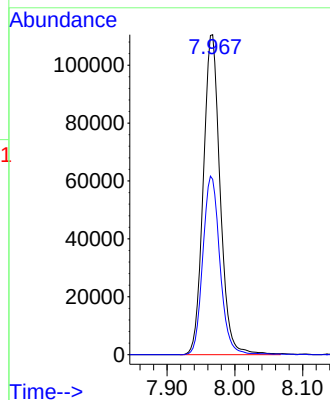
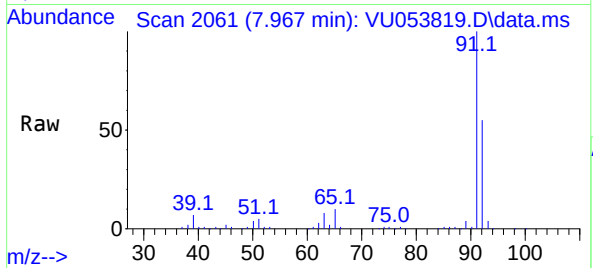




#42
Toluene
Concen: 4.856 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

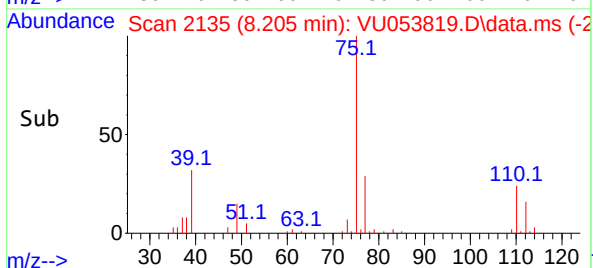
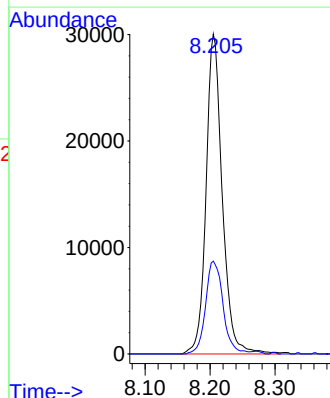
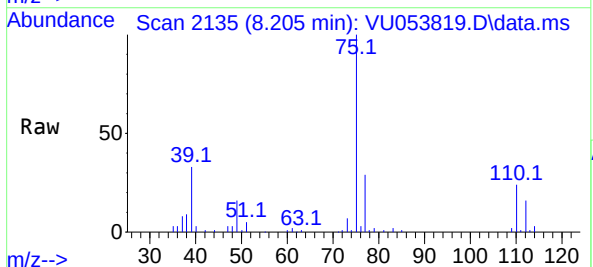
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

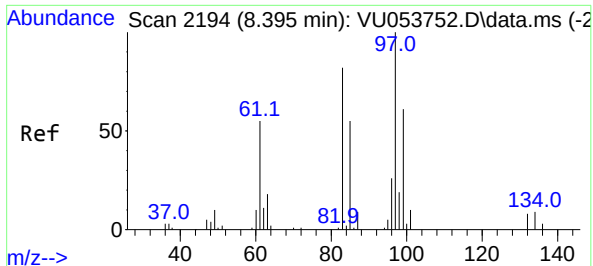
Tgt Ion: 91 Resp: 190887
Ion Ratio Lower Upper
91 100
92 54.8 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.573 ug/L
RT: 8.205 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 75 Resp: 52219
Ion Ratio Lower Upper
75 100
77 29.0 22.0 40.8



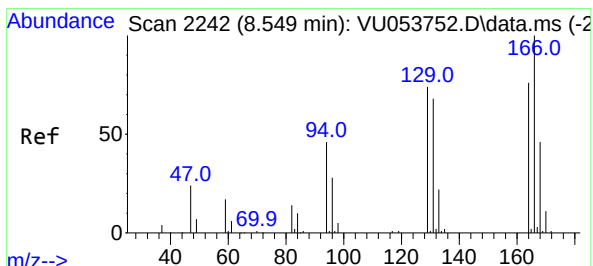
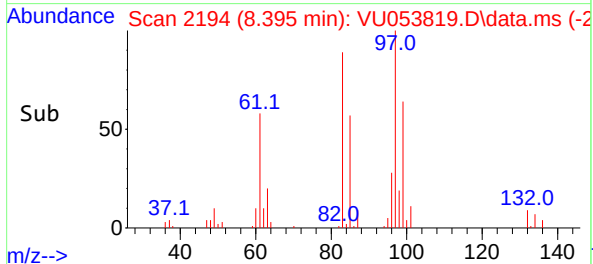
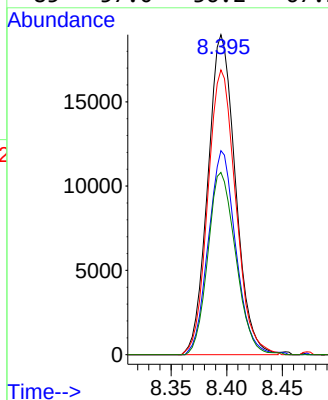
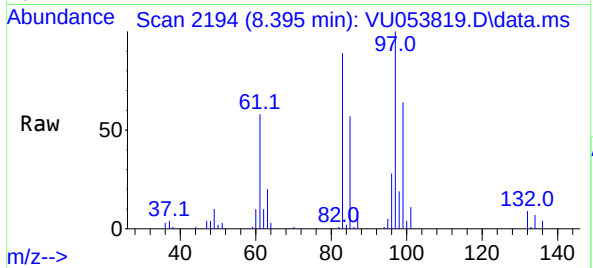


#45
1,1,2-Trichloroethane
Concen: 4.856 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

Tgt Ion: 97 Resp: 32753

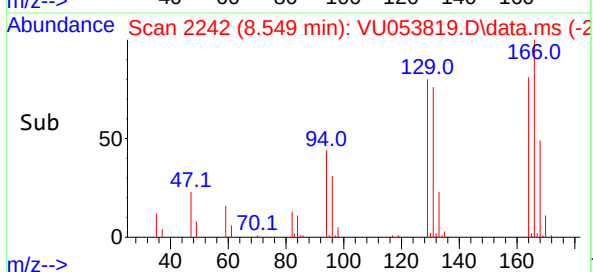
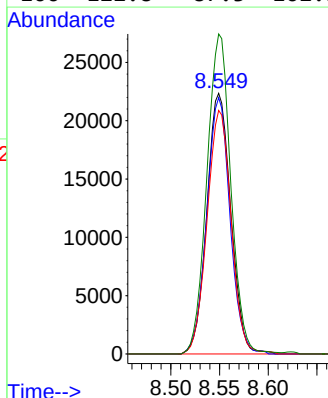
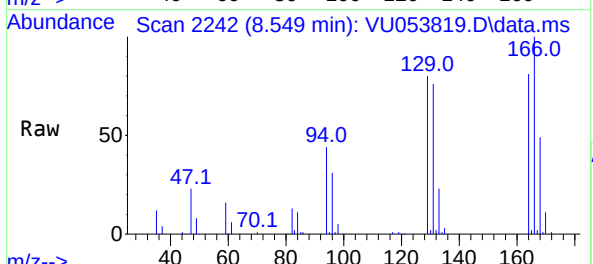
Ion	Ratio	Lower	Upper
97	100		
99	63.7	38.9	72.2
83	89.0	57.6	107.0
85	57.0	36.2	67.2

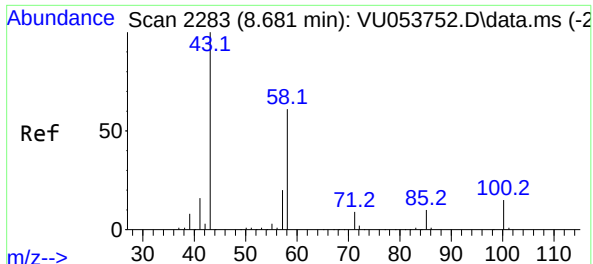


#47
Tetrachloroethene
Concen: 5.447 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 164 Resp: 38341

Ion	Ratio	Lower	Upper
164	100		
129	98.3	74.8	138.8
131	93.4	70.1	130.1
166	122.8	87.3	162.1



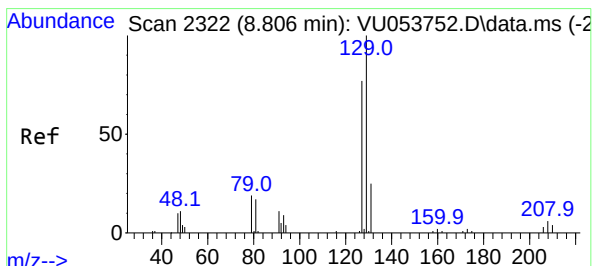
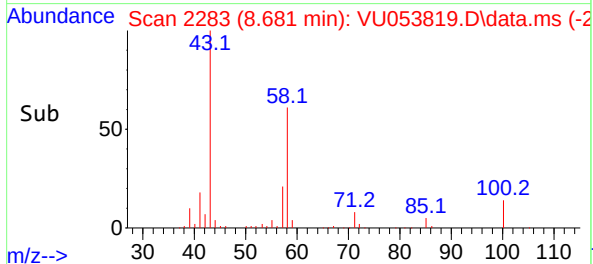
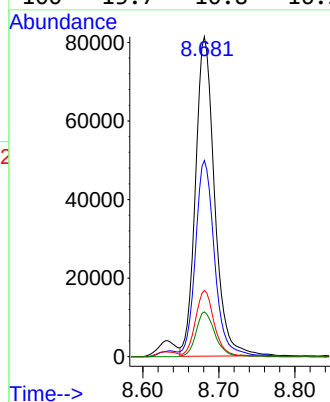
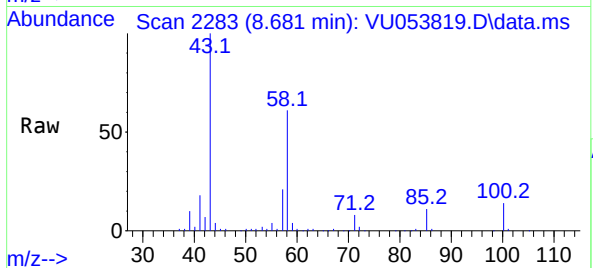


#48
2-Hexanone
Concen: 41.404 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

Tgt Ion: 43 Resp: 142314

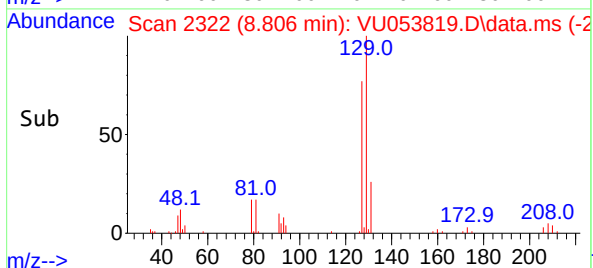
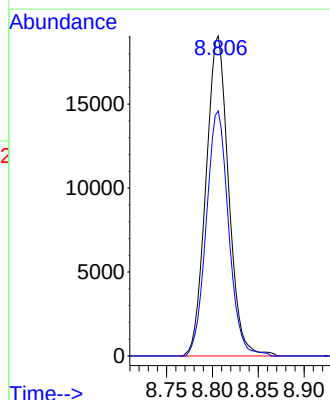
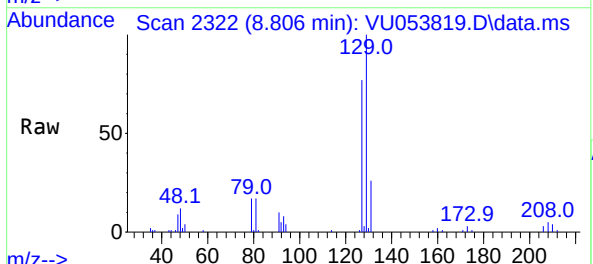
Ion	Ratio	Lower	Upper
43	100		
58	60.5	52.8	79.2
57	20.1	17.1	25.7
100	13.7	10.8	16.2

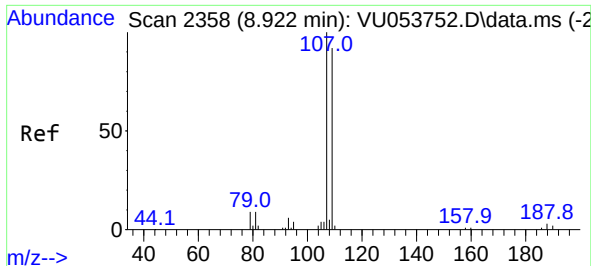


#49
Dibromochloromethane
Concen: 4.905 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 129 Resp: 32716

Ion	Ratio	Lower	Upper
129	100		
127	76.5	52.2	97.0

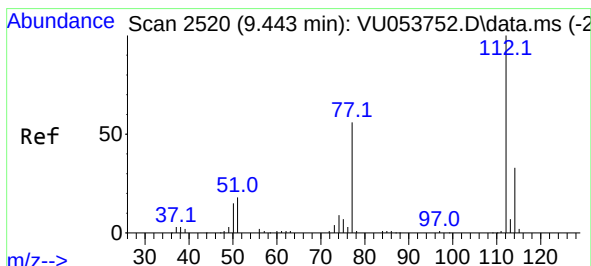
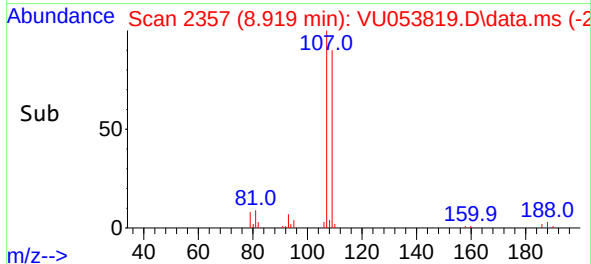
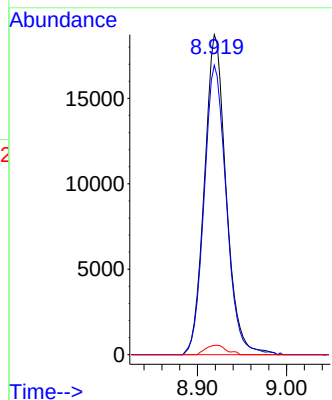
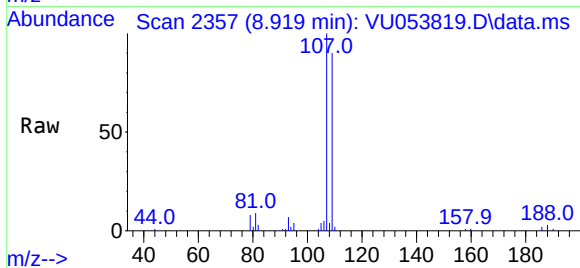




#50
1,2-Dibromoethane
Concen: 4.874 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

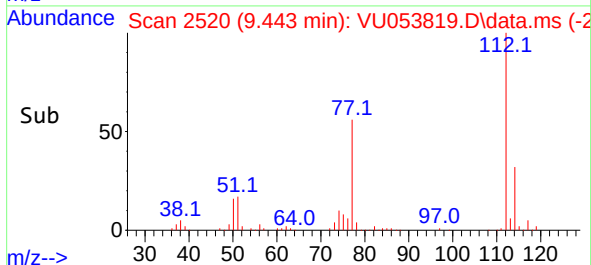
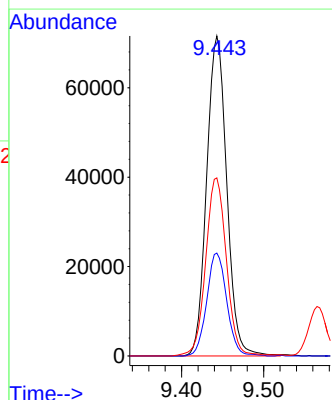
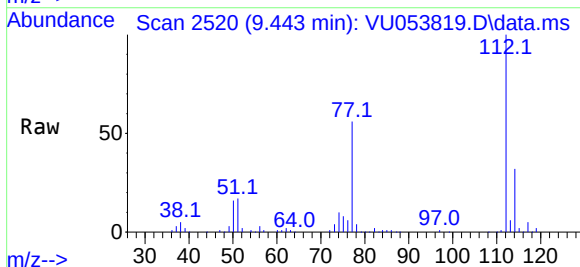
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

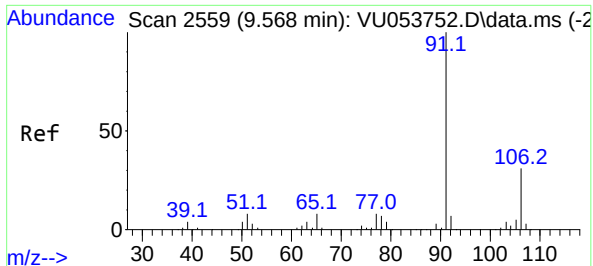
Tgt Ion:107 Resp: 31749
Ion Ratio Lower Upper
107 100
109 90.4 64.7 120.1
188 2.9 3.0 4.6#



#51
Chlorobenzene
Concen: 4.929 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion:112 Resp: 122216
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.6 45.8 68.6

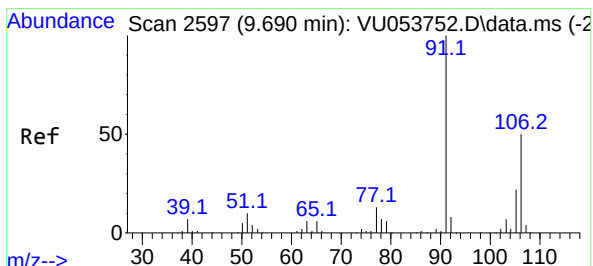
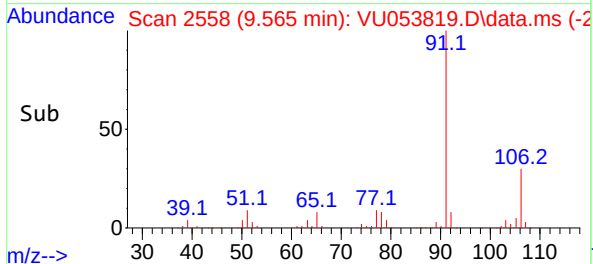
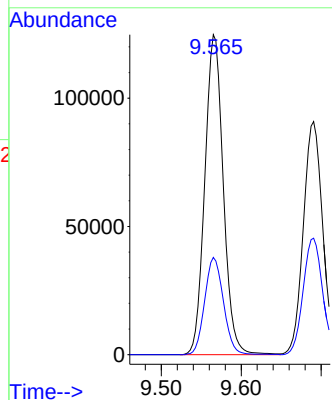
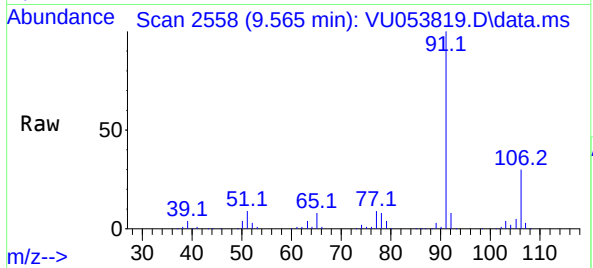




#52
Ethylbenzene
Concen: 4.685 ug/L
RT: 9.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

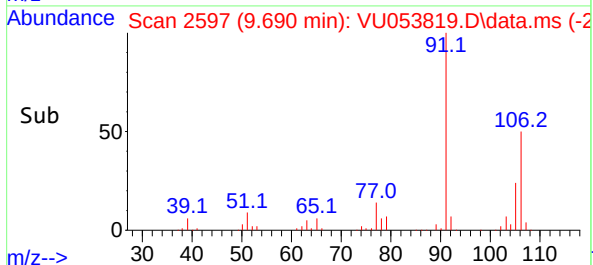
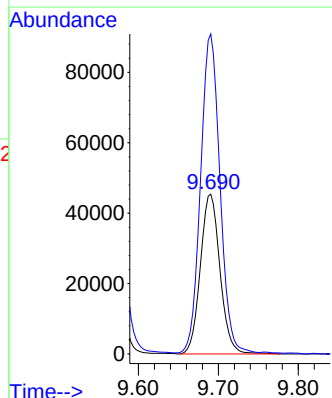
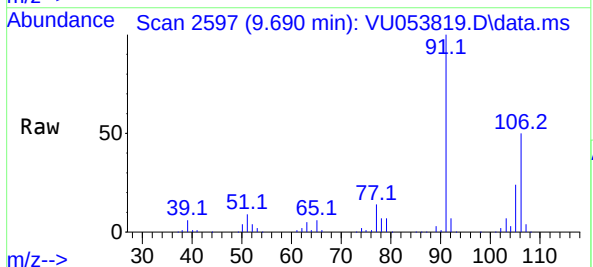
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

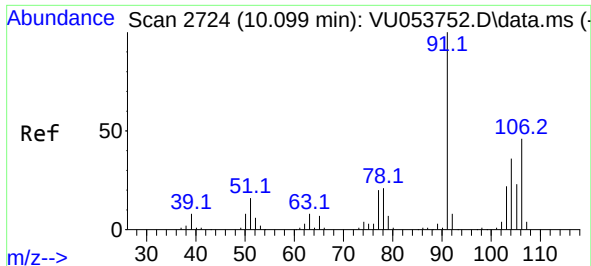
Tgt Ion: 91 Resp: 200740
Ion Ratio Lower Upper
91 100
106 30.4 22.5 41.9



#53
m,p-Xylene
Concen: 4.747 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion:106 Resp: 77530
Ion Ratio Lower Upper
106 100
91 200.2 138.8 257.8

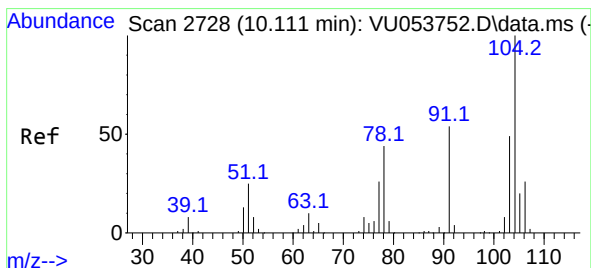
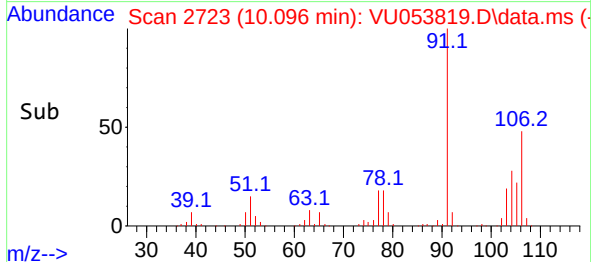
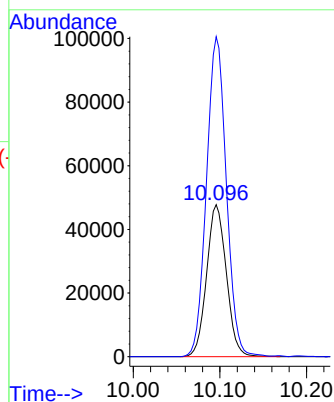
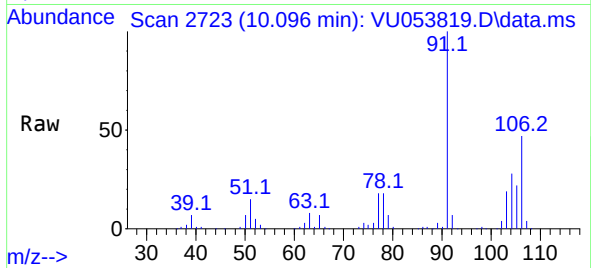




#54
o-Xylene
Concen: 4.873 ug/L
RT: 10.096 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

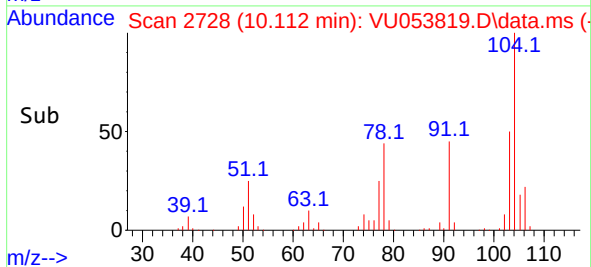
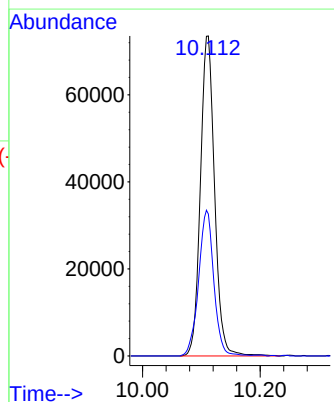
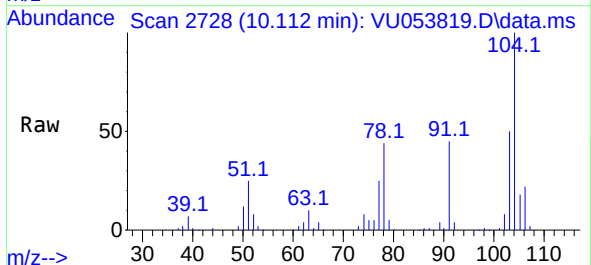
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

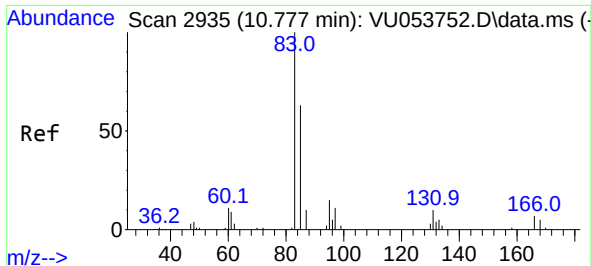
Tgt Ion:106 Resp: 75518
Ion Ratio Lower Upper
106 100
91 210.5 150.8 280.0



#55
Styrene
Concen: 4.831 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion:104 Resp: 122955
Ion Ratio Lower Upper
104 100
78 44.4 33.0 61.4

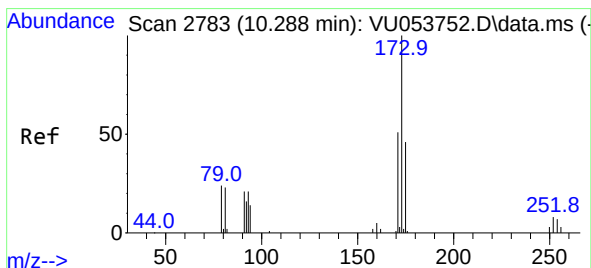
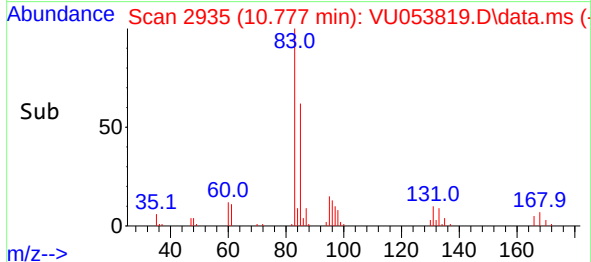
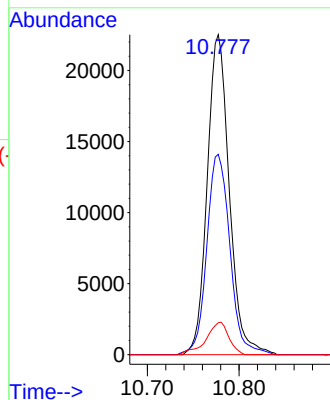
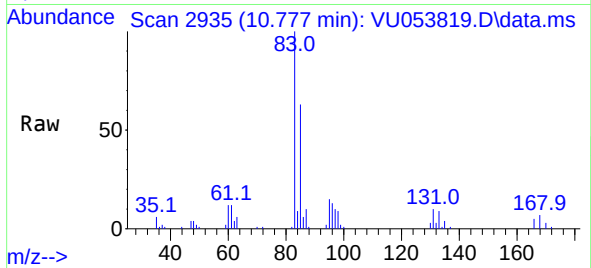




#57
1,1,2-Tetrachloroethane
Concen: 4.420 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

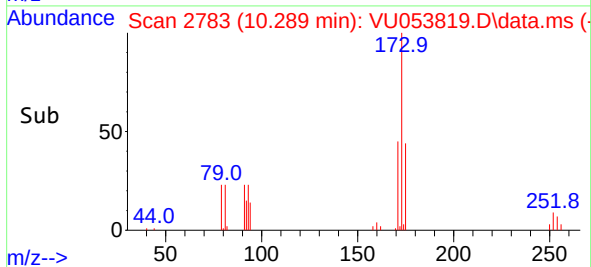
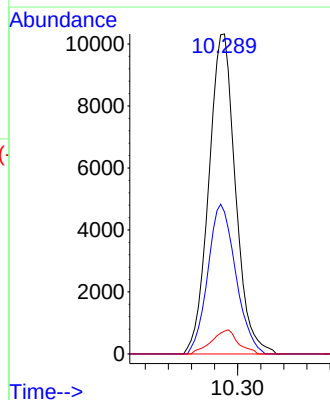
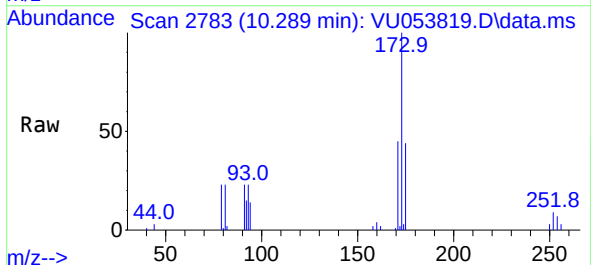
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

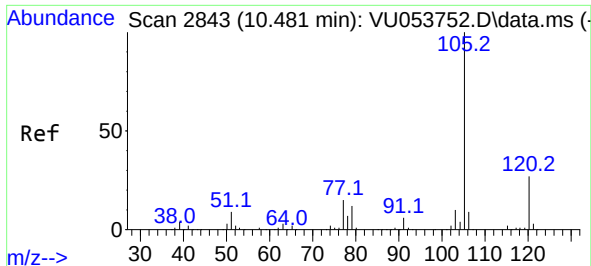
Tgt Ion: 83 Resp: 37644
Ion Ratio Lower Upper
83 100
85 62.6 43.8 81.4
131 10.0 7.2 10.8



#59
Bromoform
Concen: 4.377 ug/L
RT: 10.289 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion:173 Resp: 16520
Ion Ratio Lower Upper
173 100
175 48.8 39.9 59.9
254 7.5 6.6 9.8

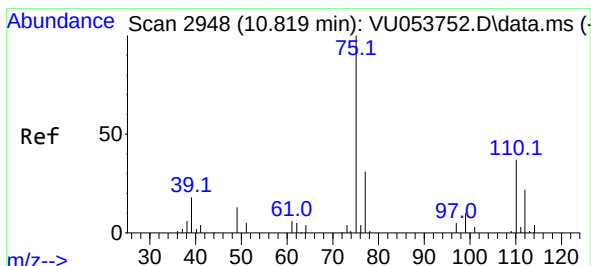
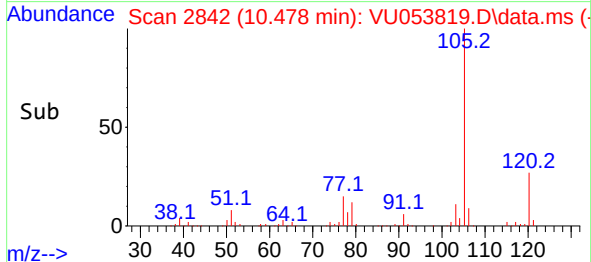
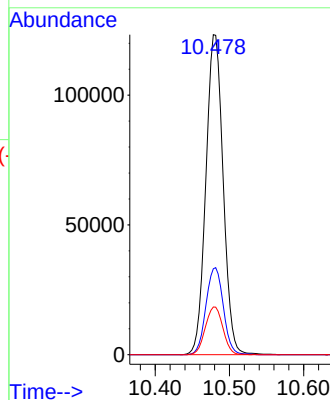
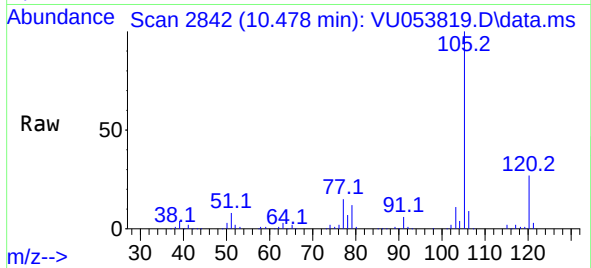




#60
Isopropylbenzene
Concen: 4.471 ug/L
RT: 10.478 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

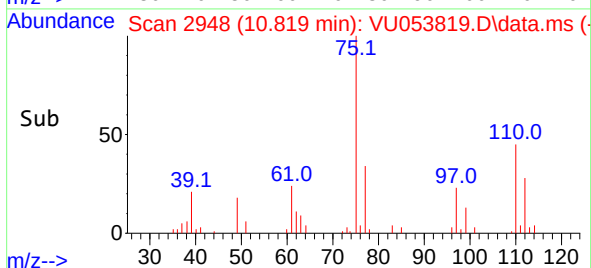
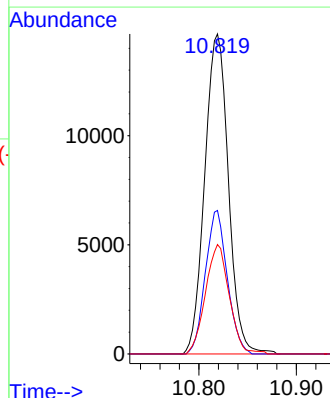
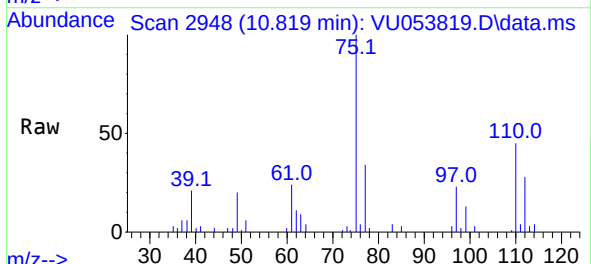
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

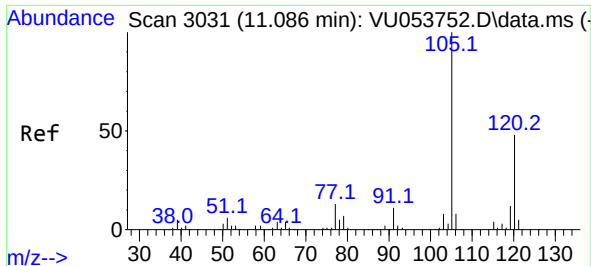
Tgt Ion:105 Resp: 199022
Ion Ratio Lower Upper
105 100
120 27.3 21.5 32.3
77 15.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.081 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 75 Resp: 24782
Ion Ratio Lower Upper
75 100
110 41.5 30.6 46.0
77 34.3 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 4.373 ug/L

RT: 11.083 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU053819.D

Acq: 20 Apr 2023 20:24

Instrument :

MSVOA_U

ClientSampleId :

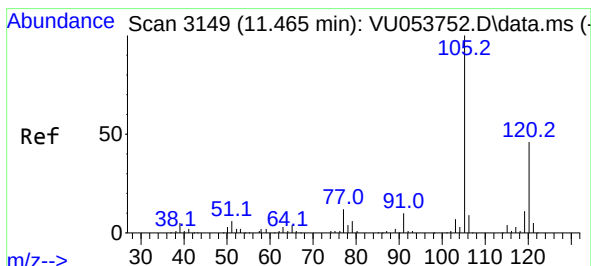
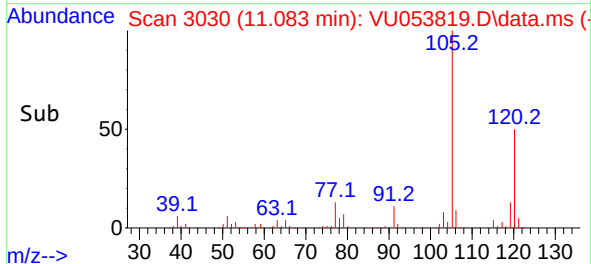
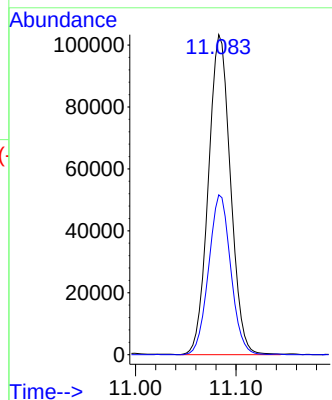
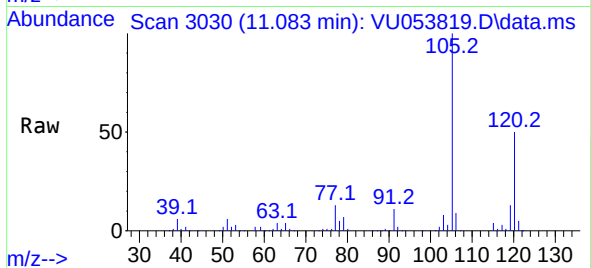
VSTD005156

Tgt Ion:105 Resp: 157982

Ion Ratio Lower Upper

105 100

120 49.8 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 4.376 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.003 min

Lab File: VU053819.D

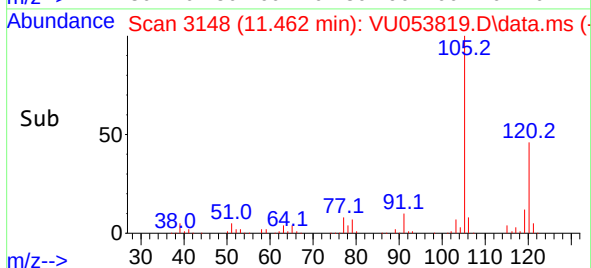
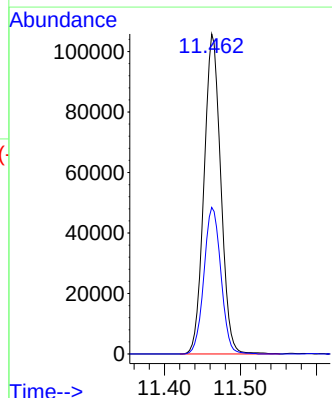
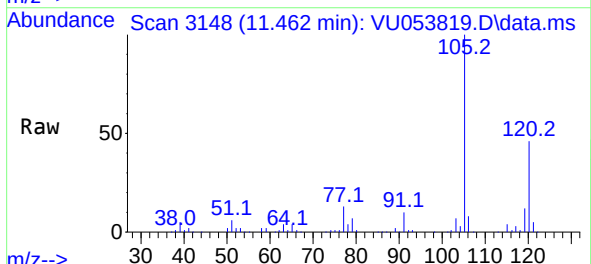
Acq: 20 Apr 2023 20:24

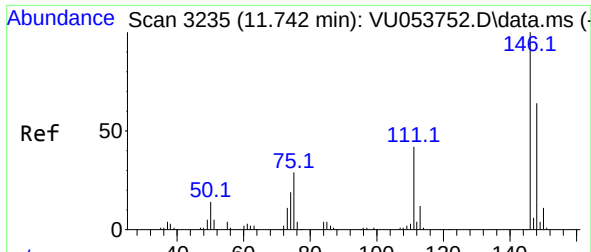
Tgt Ion:105 Resp: 161898

Ion Ratio Lower Upper

105 100

120 46.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.822 ug/L

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU053819.D

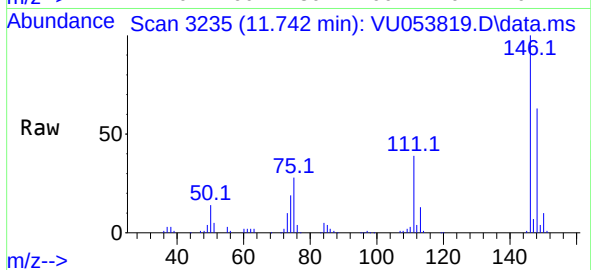
Acq: 20 Apr 2023 20:24

Instrument :

MSVOA_U

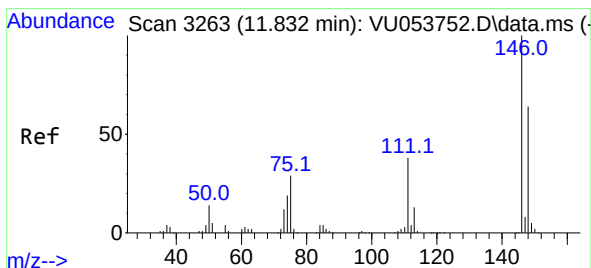
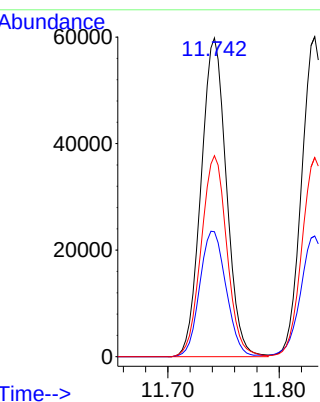
ClientSampleId :

VSTD005156



Tgt Ion:146 Resp: 94384

Ion	Ratio	Lower	Upper
146	100		
111	39.2	29.4	54.6
148	63.0	44.3	82.3



#65

1,4-Dichlorobenzene

Concen: 4.855 ug/L

RT: 11.832 min Scan# 3263

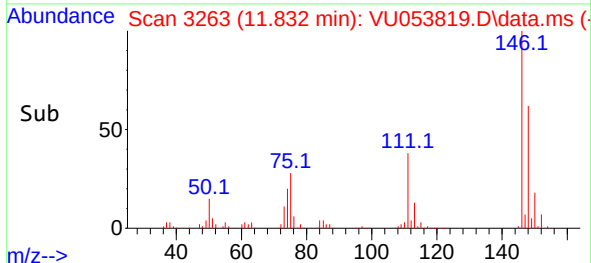
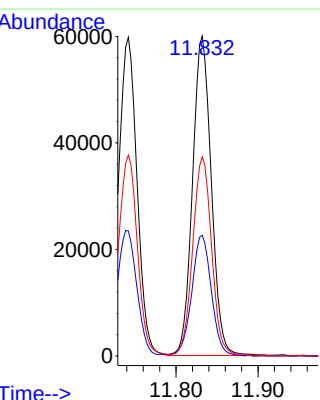
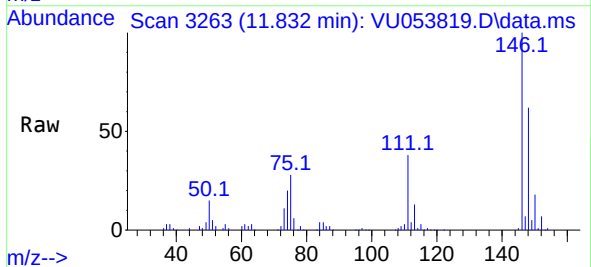
Delta R.T. 0.000 min

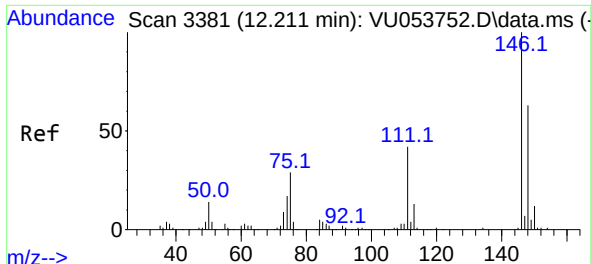
Lab File: VU053819.D

Acq: 20 Apr 2023 20:24

Tgt Ion:146 Resp: 95412

Ion	Ratio	Lower	Upper
146	100		
111	37.7	29.8	55.4
148	62.3	43.0	80.0





#67

1,2-Dichlorobenzene

Concen: 4.713 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053819.D

Acq: 20 Apr 2023 20:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005156

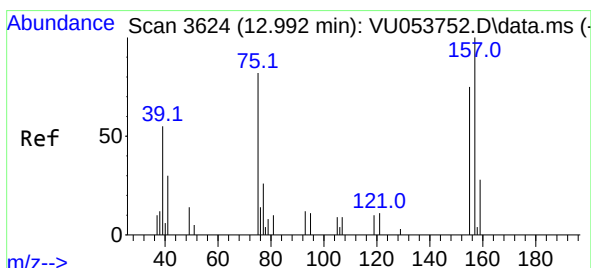
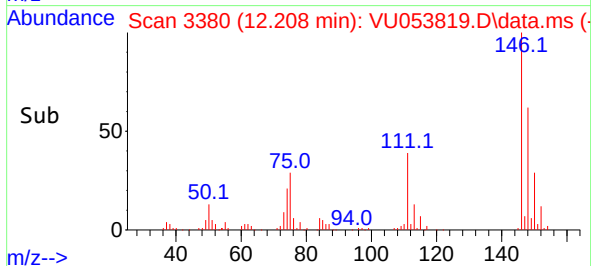
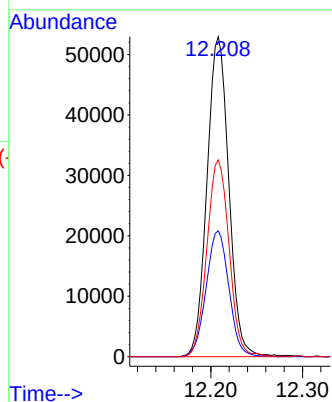
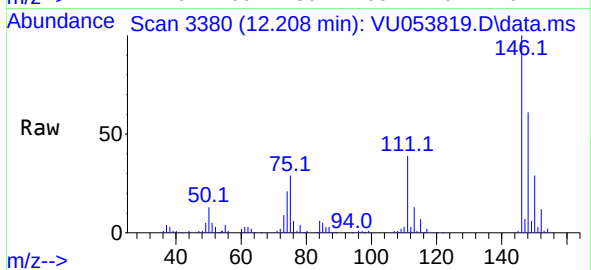
Tgt Ion:146 Resp: 87442

Ion Ratio Lower Upper

146 100

111 39.4 35.0 52.6

148 61.5 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.591 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU053819.D

Acq: 20 Apr 2023 20:24

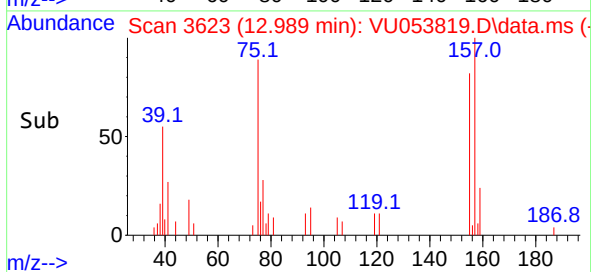
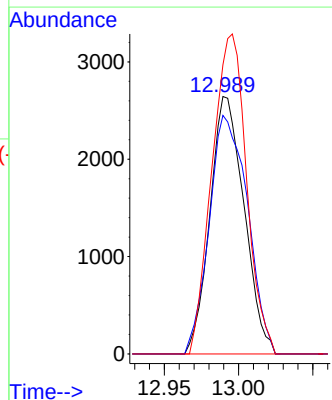
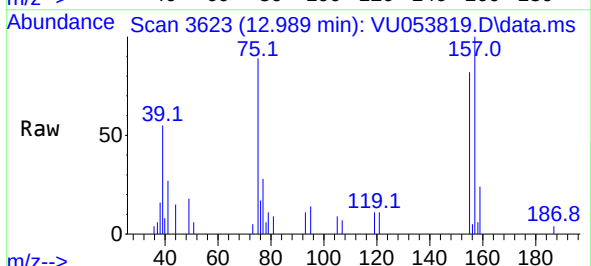
Tgt Ion: 75 Resp: 4228

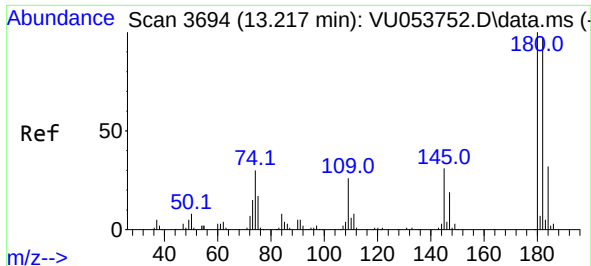
Ion Ratio Lower Upper

75 100

155 92.7 63.9 95.9

157 112.3 74.1 111.1#

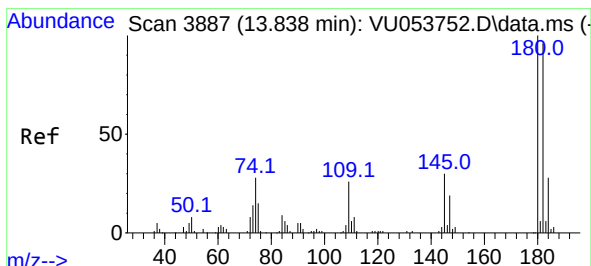
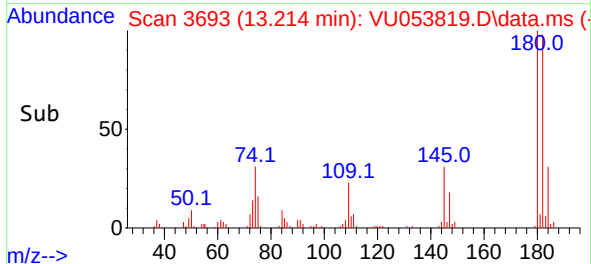
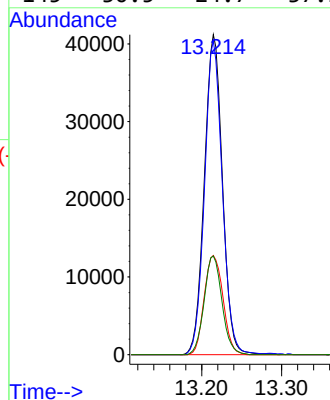
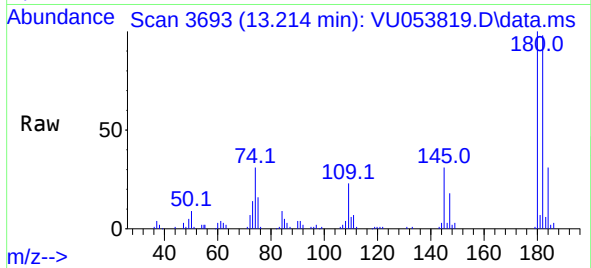




#69
1,3,5-Trichlorobenzene
Concen: 4.750 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

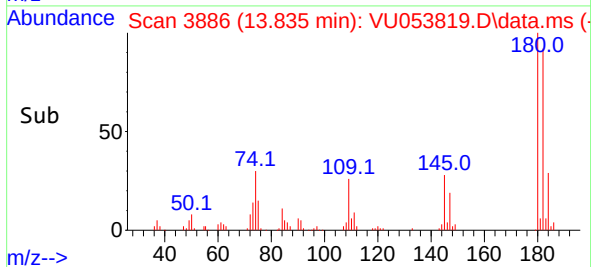
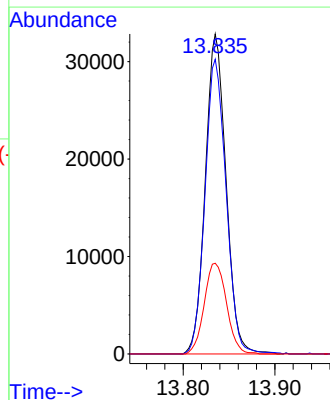
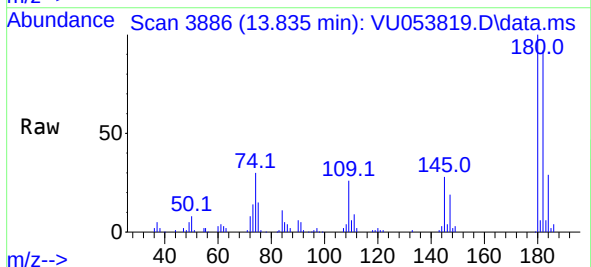
Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

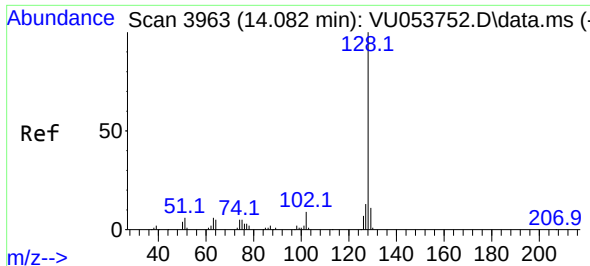
Tgt Ion:180 Resp: 64898
Ion Ratio Lower Upper
180 100
182 96.2 76.7 115.1
184 32.2 24.1 36.1
145 30.5 24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 4.745 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.003 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion:180 Resp: 51551
Ion Ratio Lower Upper
180 100
182 94.0 75.4 113.2
145 30.6 25.8 38.8

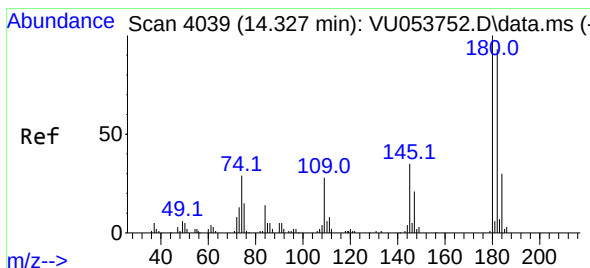
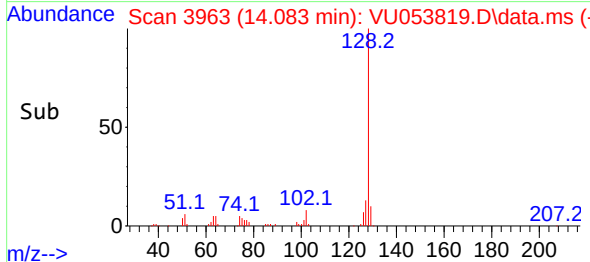
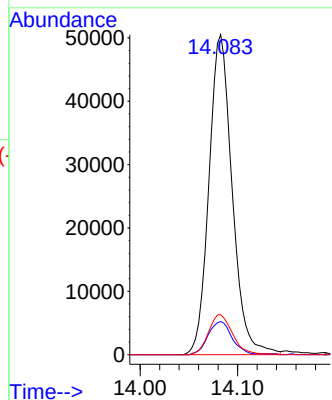
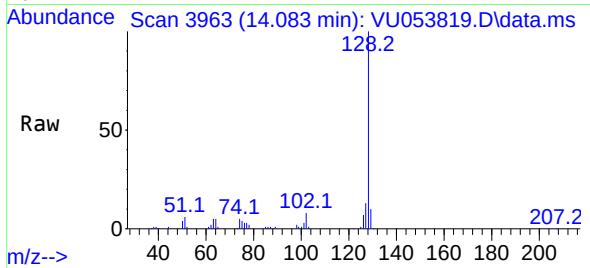




#71
Naphthalene
Concen: 4.092 ug/L
RT: 14.083 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005156

Tgt Ion:128	Resp:	83756
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.2 12.4
127	13.0	10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.828 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU053819.D
Acq: 20 Apr 2023 20:24

Tgt Ion:180	Resp:	45779
Ion Ratio	Lower	Upper
180	100	
182	94.7	74.8 112.2
145	31.9	26.3 39.5

