

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056516.D
 Acq On : 19 Nov 2023 06:34
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	267185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131598	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66069	3.352	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.911	69	60907	4.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.563	65	30075	3.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.621	46	218855	55.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.380%
24) Chloroform-d	5.055	84	167878	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	80494	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	296201	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.682	67	100085	4.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.894	98	262754	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.174	79	36445	3.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	182619	50.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	81774	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	102753	4.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	100850	4.831	ug/L	99
3) Chloromethane	1.515	50	92042	4.314	ug/L	96
5) Vinyl chloride	1.602	62	103230	5.022	ug/L	88
6) Bromomethane	1.856	94	41351	3.974	ug/L	95
8) Chloroethane	1.930	64	67233	5.354	ug/L	88
9) Trichlorofluoromethane	2.136	101	157699	5.324	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	88945	5.058	ug/L	99
12) 1,1-Dichloroethene	2.576	96	80055	4.963	ug/L	87
13) Acetone	2.634	43	117107	34.988	ug/L	97
14) Carbon disulfide	2.788	76	229455	4.372	ug/L	97
15) Methyl Acetate	2.949	43	31563	5.299	ug/L	100
16) Methylene chloride	3.042	84	98308	4.606	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	213926	5.459	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	82279	4.958	ug/L	98
19) 1,1-Dichloroethane	3.862	63	173139	5.267	ug/L	99
21) 2-Butanone	4.701	43	207783	47.841	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	103307	5.489	ug/L	100
23) Bromochloromethane	4.968	128	44747	5.776	ug/L	99
25) Chloroform	5.081	83	189414	5.318	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056516.D
 Acq On : 19 Nov 2023 06:34
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

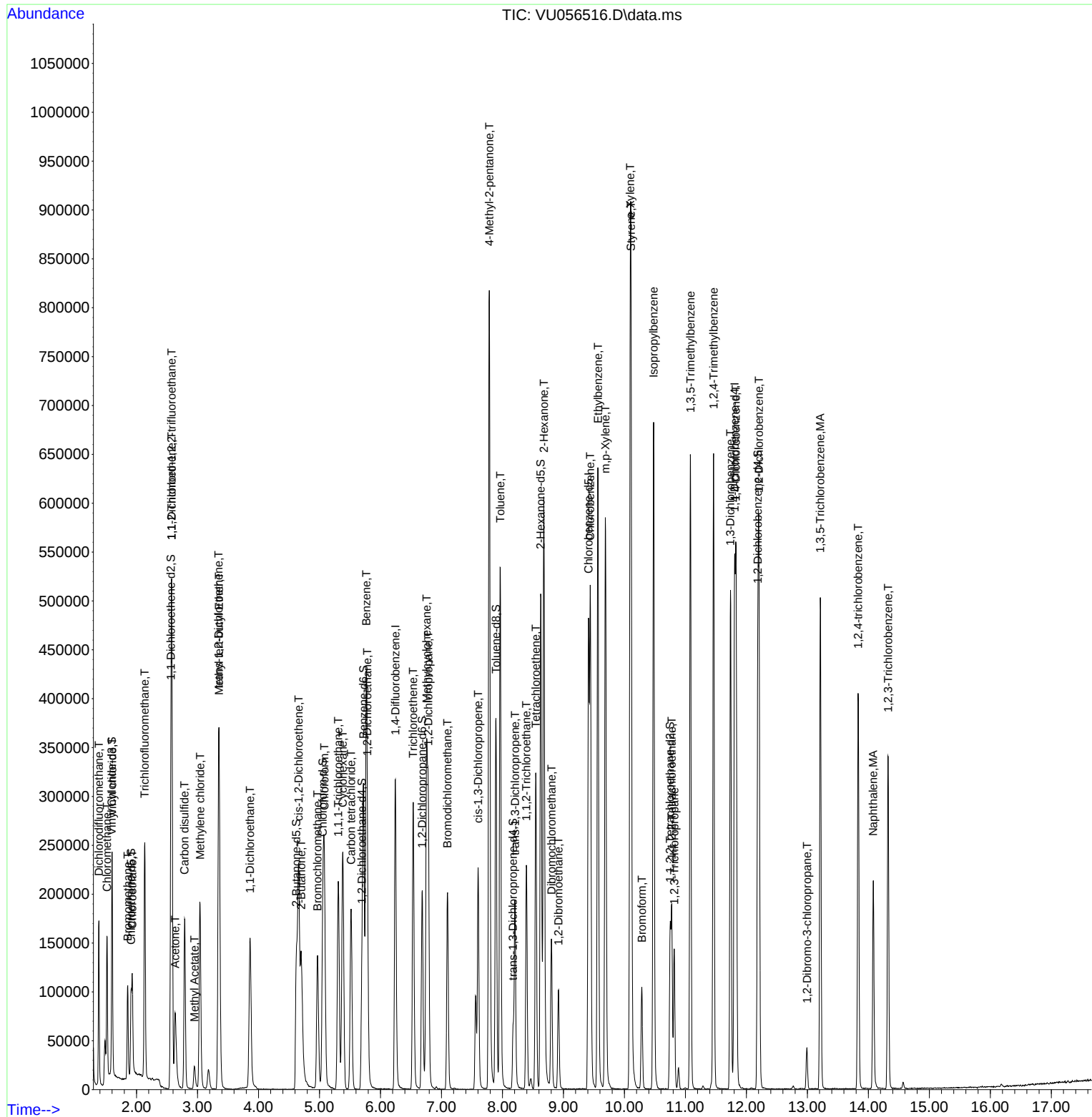
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	108908	5.386	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	160177	5.223	ug/L	98
30) Cyclohexane	5.383	56	125535	4.313	ug/L	99
31) Carbon tetrachloride	5.518	117	131826	5.004	ug/L	99
33) Benzene	5.769	78	379706	4.981	ug/L	100
34) Trichloroethene	6.537	95	105701	5.089	ug/L	97
35) Methylcyclohexane	6.756	83	135273	4.511	ug/L	98
37) 1,2-Dichloropropane	6.785	63	106105	5.337	ug/L	100
38) Bromodichloromethane	7.100	83	138207	5.385	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	137308	4.700	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	516186	52.377	ug/L	98
42) Toluene	7.965	91	405740	5.141	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	112490	4.830	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	73208	5.529	ug/L	95
47) Tetrachloroethene	8.547	164	68957	4.923	ug/L	99
48) 2-Hexanone	8.679	43	371091	48.334	ug/L	99
49) Dibromochloromethane	8.804	129	79567	5.284	ug/L	99
50) 1,2-Dibromoethane	8.920	107	67533	5.403	ug/L	98
51) Chlorobenzene	9.441	112	266040	5.246	ug/L	100
52) Ethylbenzene	9.566	91	459303	5.240	ug/L	100
53) m,p-Xylene	9.688	106	172352	5.349	ug/L	99
54) o-Xylene	10.097	106	165071	5.274	ug/L	96
55) Styrene	10.110	104	289497	5.561	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	90644	5.607	ug/L	95
59) Bromoform	10.286	173	47229	5.762	ug/L	99
60) Isopropylbenzene	10.479	105	449614	5.298	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	61516	5.448	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	359948	5.165	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	361971	5.262	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	206971	5.361	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	201942	5.215	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	189913	5.362	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12300	5.100	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	148288	5.102	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	121234	5.121	ug/L	99
71) Naphthalene	14.081	128	169520	4.739	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	101528	5.206	ug/L	98

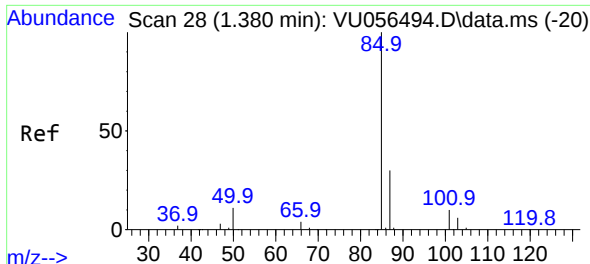
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056516.D
 Acq On : 19 Nov 2023 06:34
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

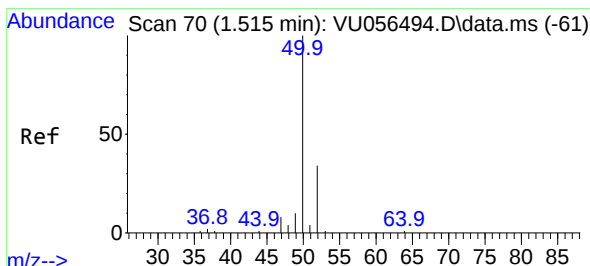
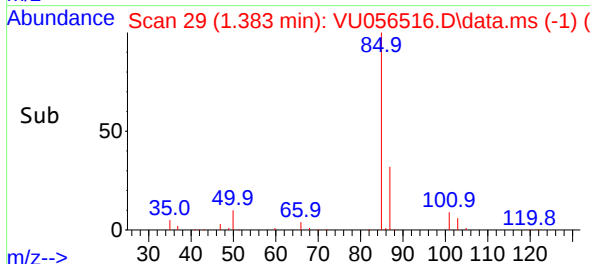
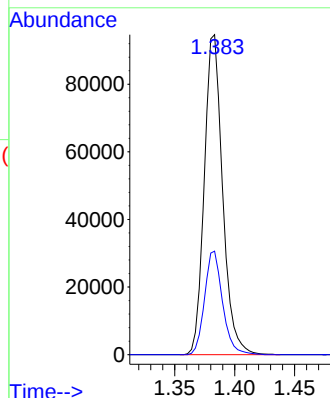
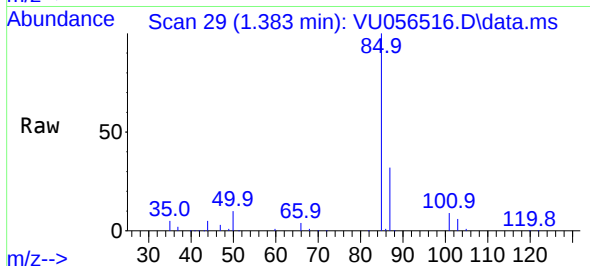




#2
 Dichlorodifluoromethane
 Concen: 4.831 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

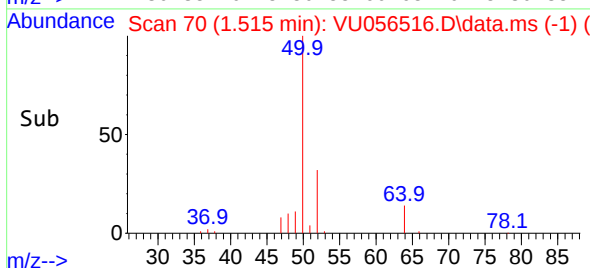
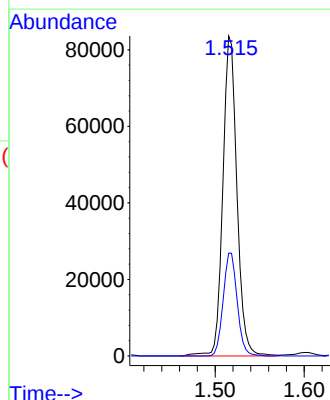
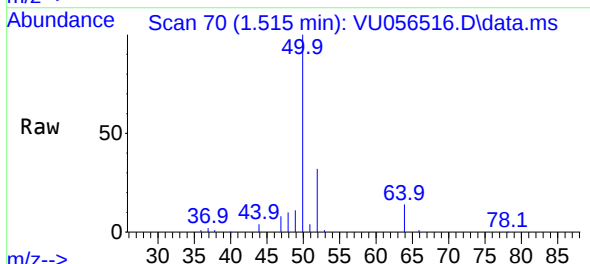
Instrument :
 MSVOA_U
 ClientSampleId :

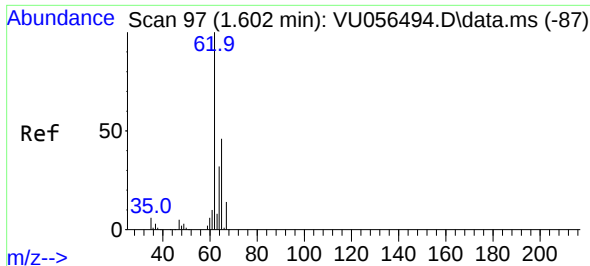
Tgt Ion: 85 Resp: 100850
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.0 37.4



#3
 Chloromethane
 Concen: 4.314 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

Tgt Ion: 50 Resp: 92042
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.3 45.1

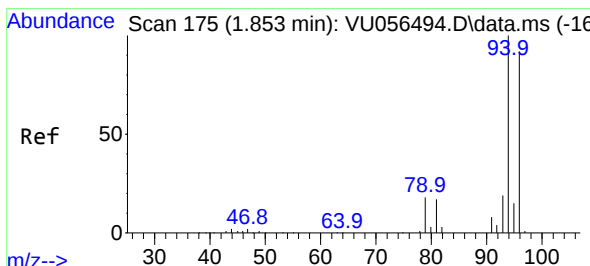
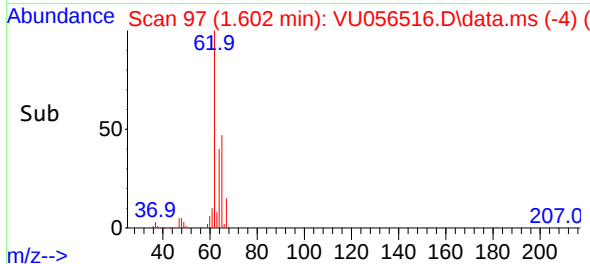
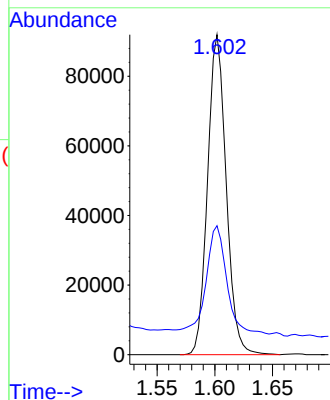
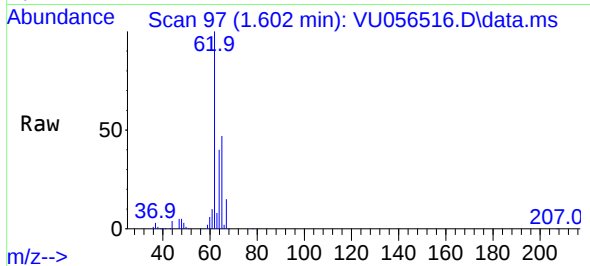




#5
 Vinyl chloride
 Concen: 5.022 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

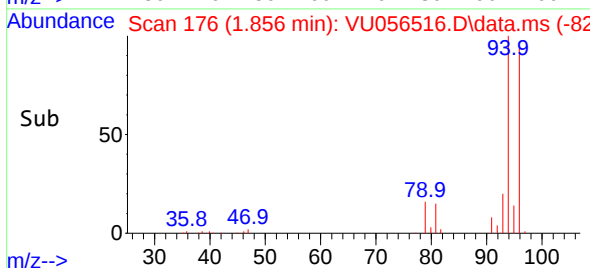
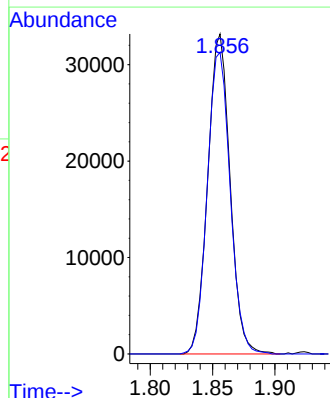
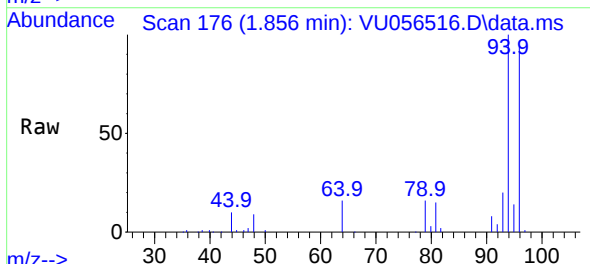
Instrument :
 MSVOA_U
 ClientSampleId :

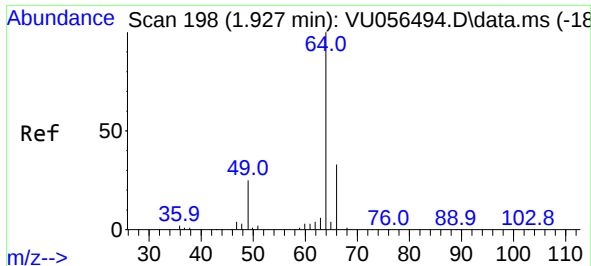
Tgt Ion: 62 Resp: 103230
 Ion Ratio Lower Upper
 62 100
 64 40.3 23.3 43.3



#6
 Bromomethane
 Concen: 3.974 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

Tgt Ion: 94 Resp: 41351
 Ion Ratio Lower Upper
 94 100
 96 94.3 62.6 116.2

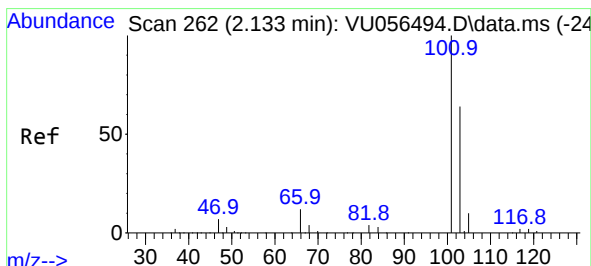
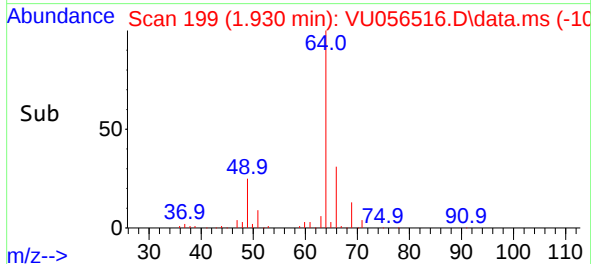
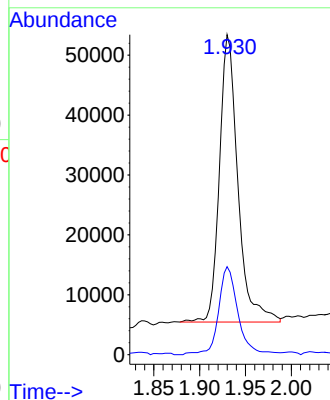
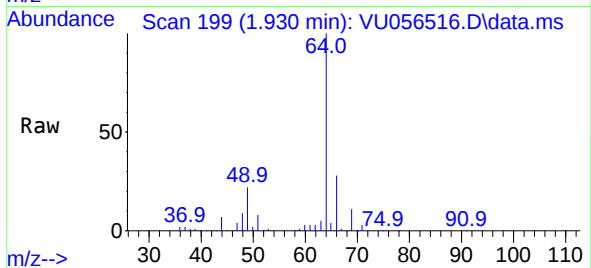




#8
Chloroethane
Concen: 5.354 ug/L
RT: 1.930 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

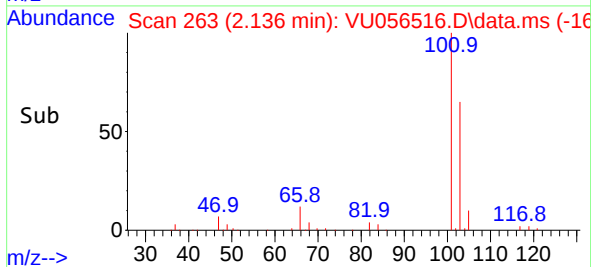
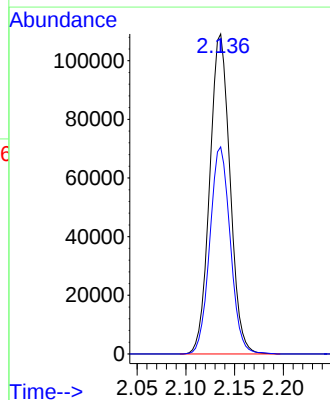
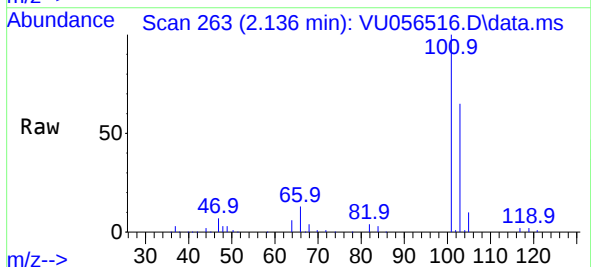
Instrument :
MSVOA_U
ClientSampleId :

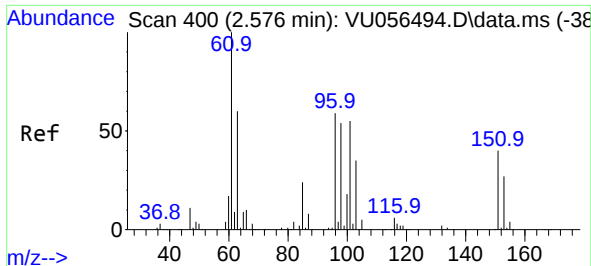
Tgt Ion: 64 Resp: 67233
Ion Ratio Lower Upper
64 100
66 27.5 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.324 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion:101 Resp: 157699
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

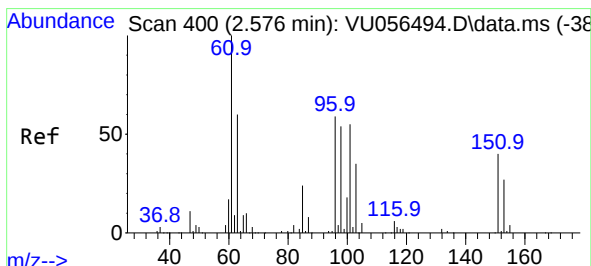
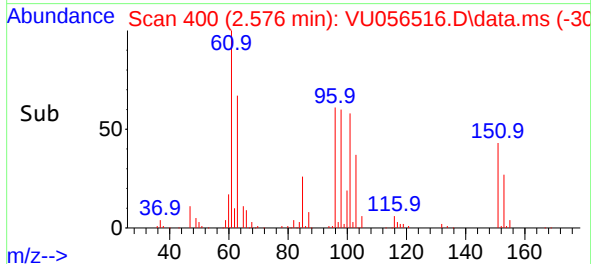
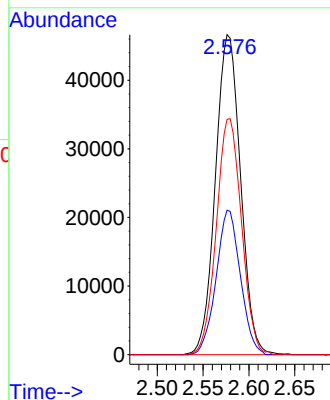
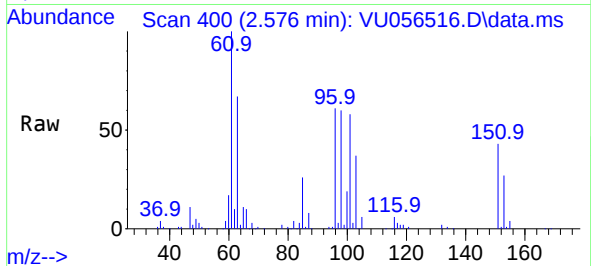




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.058 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

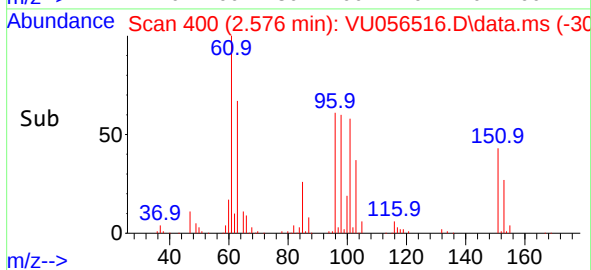
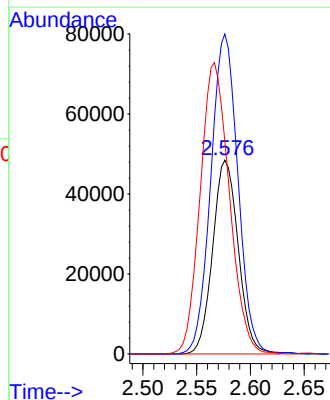
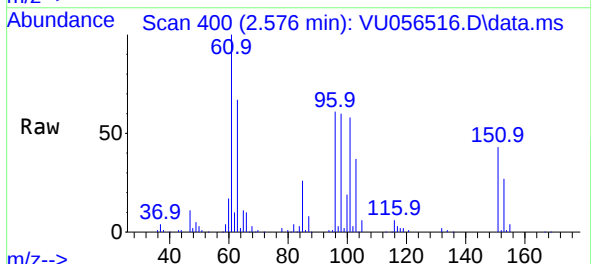
Instrument :
 MSVOA_U
 ClientSampleId :

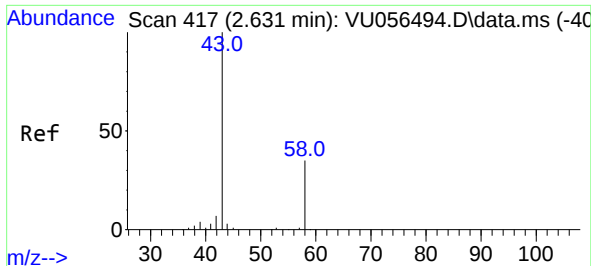
Tgt Ion:101 Resp: 88945
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.4 53.0
 151 73.8 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 4.963 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

Tgt Ion: 96 Resp: 80055
 Ion Ratio Lower Upper
 96 100
 61 165.1 123.1 228.7
 63 109.8 93.3 173.3





#13

Acetone

Concen: 34.988 ug/L

RT: 2.634 min Scan# 417

Delta R.T. 0.006 min

Lab File: VU056516.D

Acq: 19 Nov 2023 06:34

Instrument :

MSVOA_U

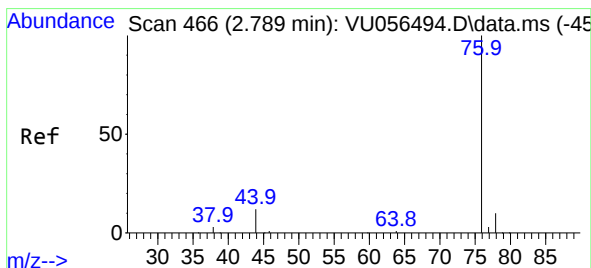
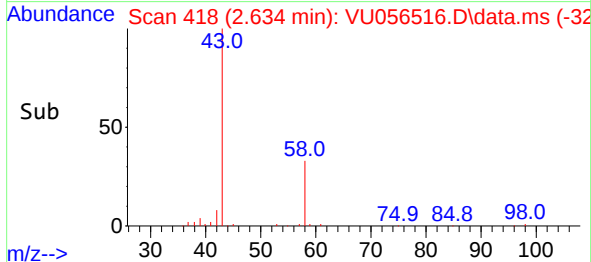
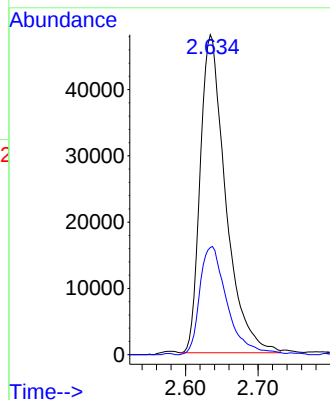
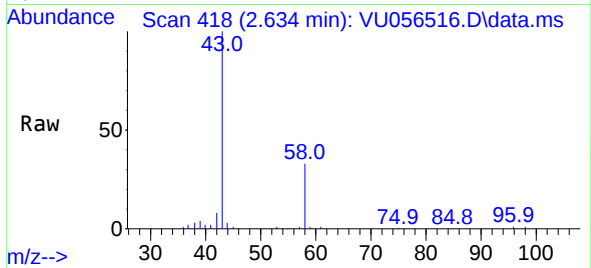
ClientSampleId :

Tgt Ion: 43 Resp: 117107

Ion Ratio Lower Upper

43 100

58 36.6 0.0 70.0



#14

Carbon disulfide

Concen: 4.372 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056516.D

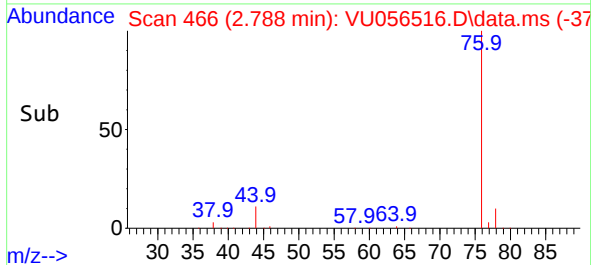
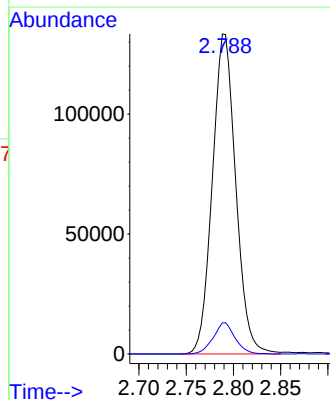
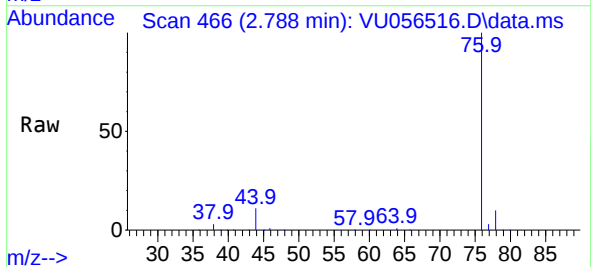
Acq: 19 Nov 2023 06:34

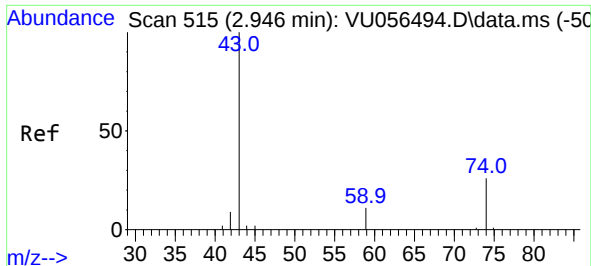
Tgt Ion: 76 Resp: 229455

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2

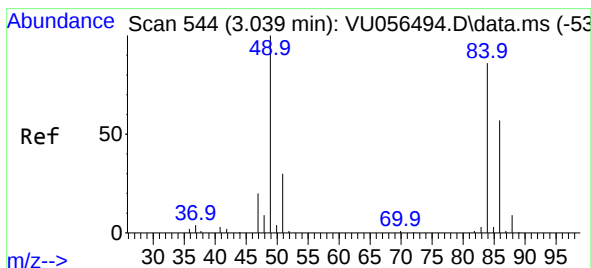
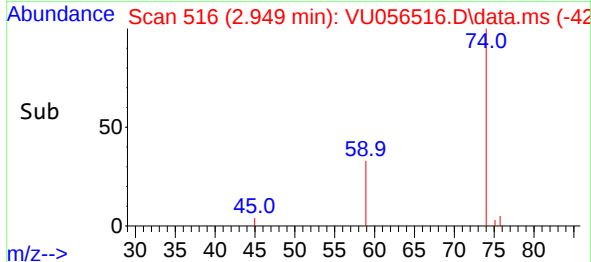
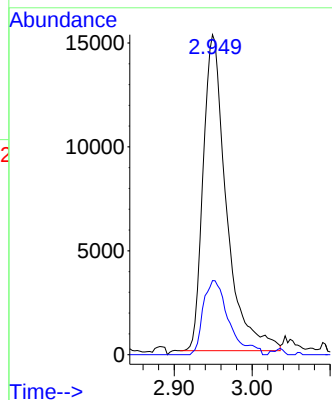
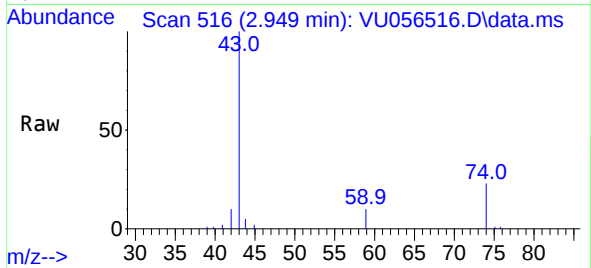




#15
Methyl Acetate
Concen: 5.299 ug/L
RT: 2.949 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

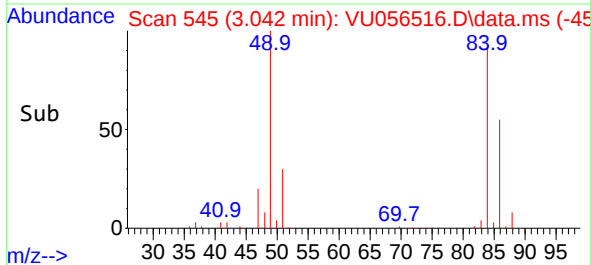
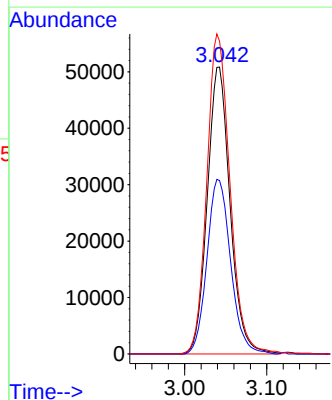
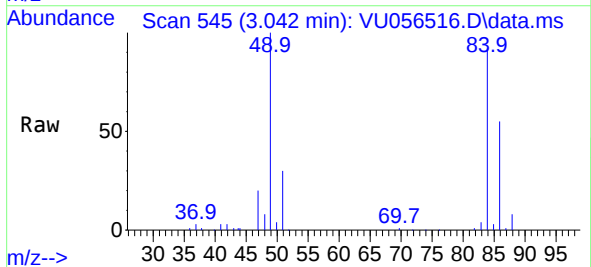
Instrument :
MSVOA_U
ClientSampleId :

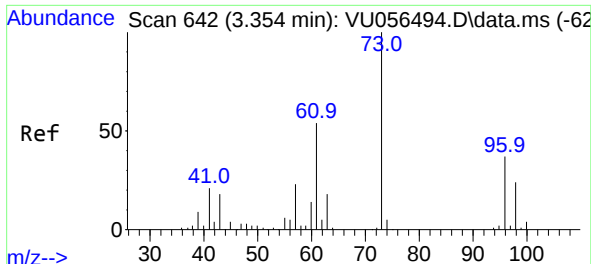
Tgt Ion: 43 Resp: 31563
Ion Ratio Lower Upper
43 100
74 25.7 20.6 31.0



#16
Methylene chloride
Concen: 4.606 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

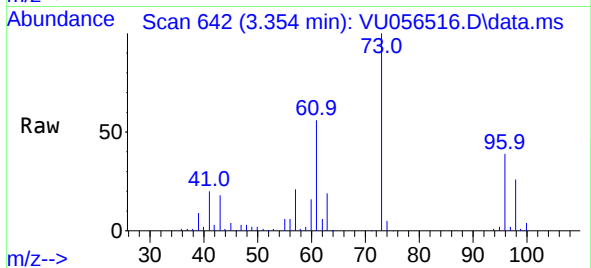
Tgt Ion: 84 Resp: 98308
Ion Ratio Lower Upper
84 100
86 60.5 44.7 83.1
49 109.0 81.8 152.0





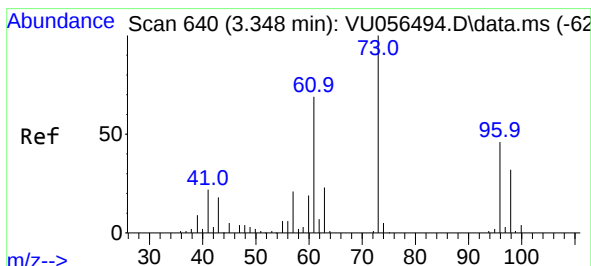
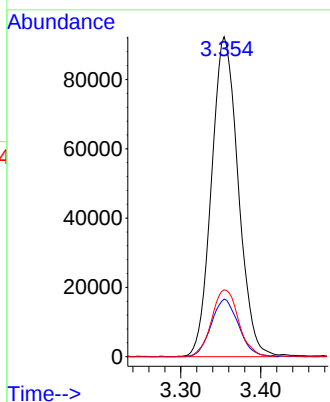
#17
Methyl tert-butyl Ether
Concen: 5.459 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 213926

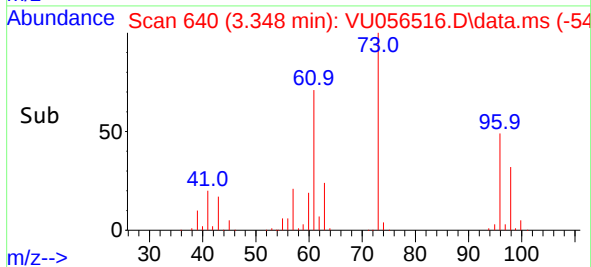
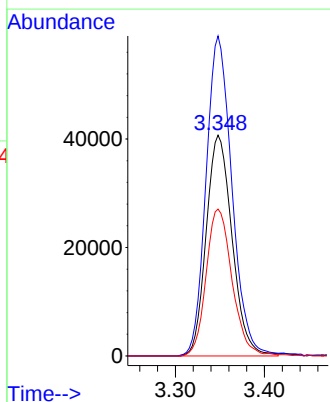
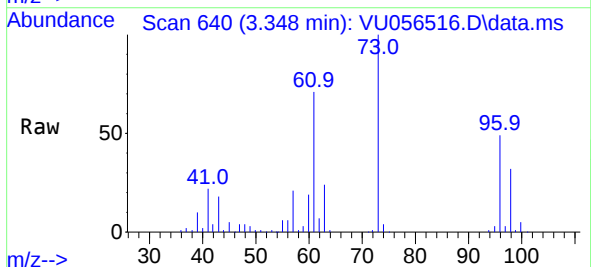
Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.1	22.7
57	21.2	17.8	26.8

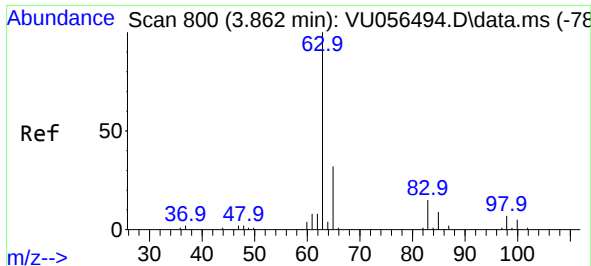


#18
trans-1,2-Dichloroethene
Concen: 4.958 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 96 Resp: 82279

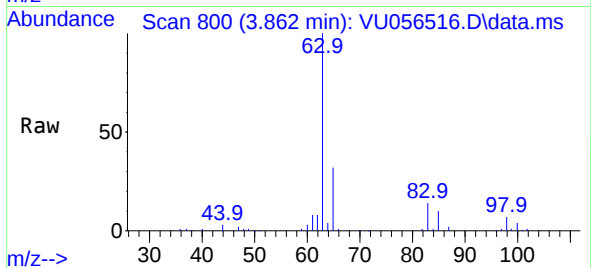
Ion	Ratio	Lower	Upper
96	100		
61	144.9	101.7	188.9
98	66.6	43.0	80.0



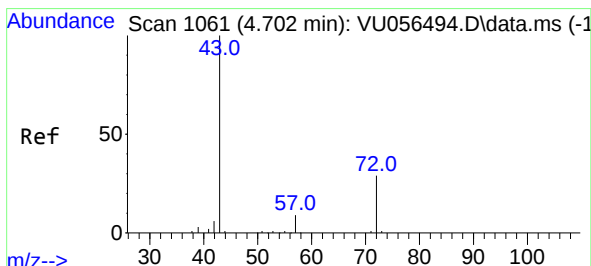
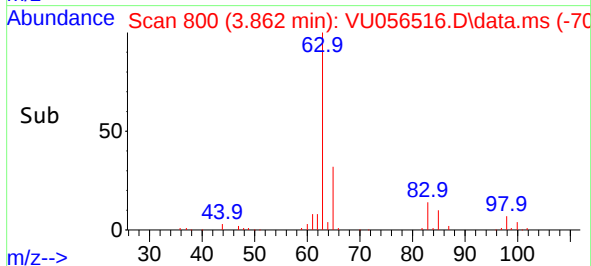
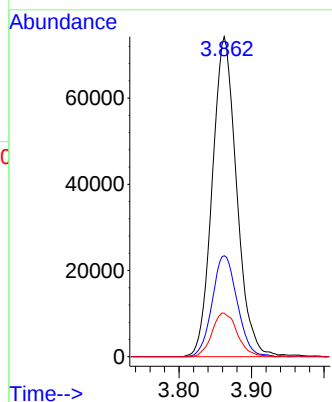


#19
1,1-Dichloroethane
Concen: 5.267 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :

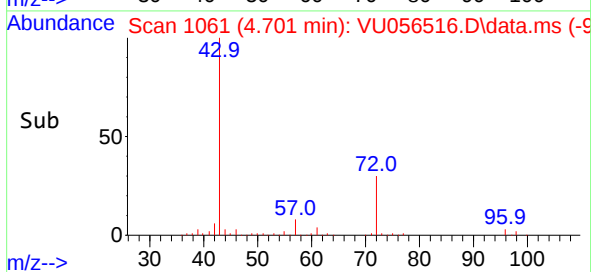
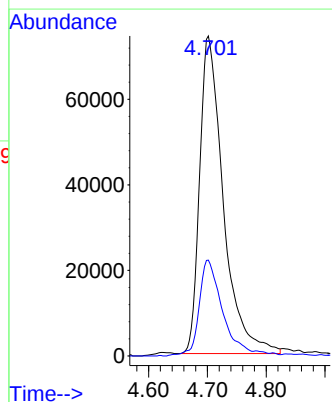
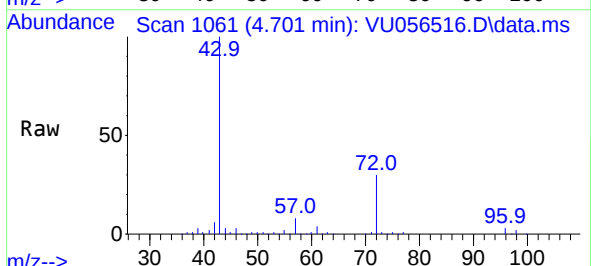


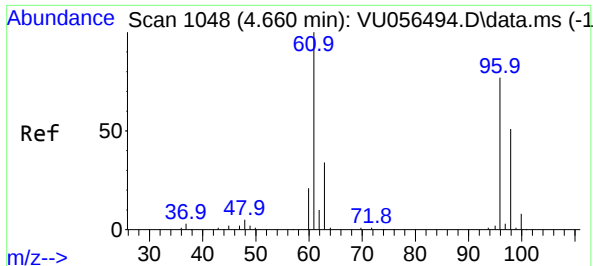
Tgt Ion: 63 Resp: 173139
Ion Ratio Lower Upper
63 100
65 31.5 21.8 40.6
83 13.6 9.7 17.9



#21
2-Butanone
Concen: 47.841 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 43 Resp: 207783
Ion Ratio Lower Upper
43 100
72 29.4 14.2 42.6



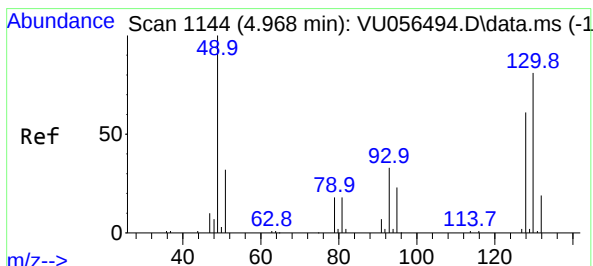
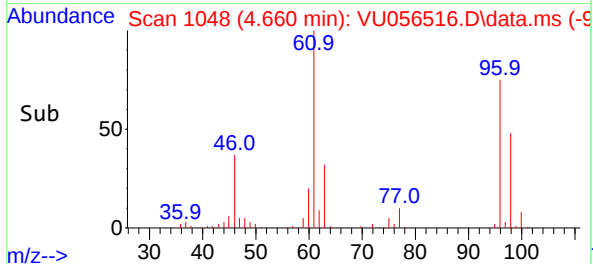
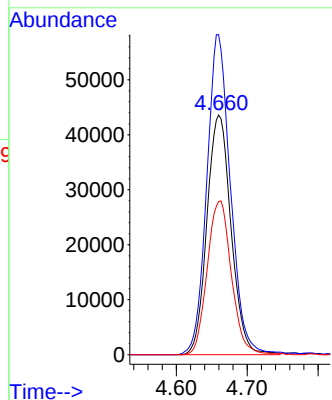
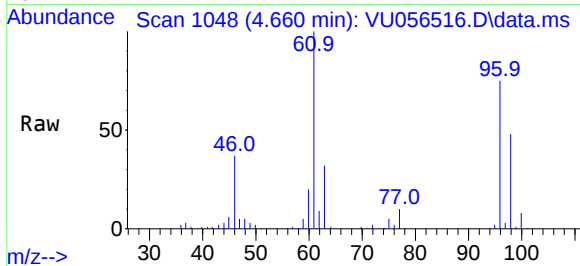


#22
 cis-1,2-Dichloroethene
 Concen: 5.489 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 103307

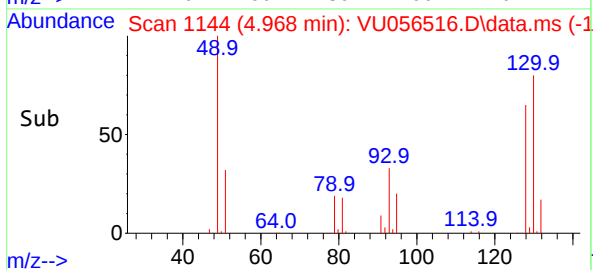
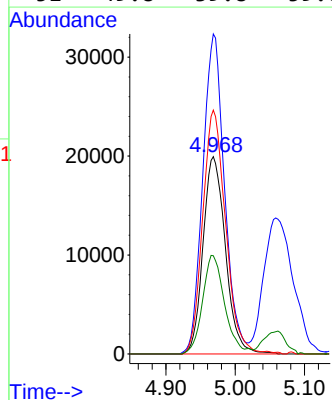
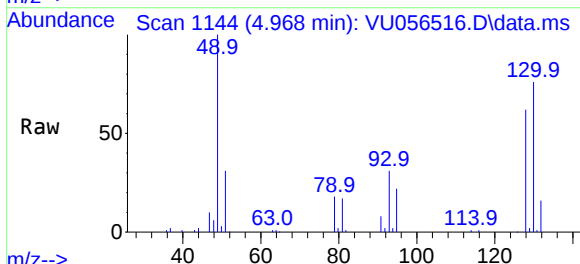
Ion	Ratio	Lower	Upper
96	100		
61	133.5	93.2	173.2
98	63.9	44.8	83.2

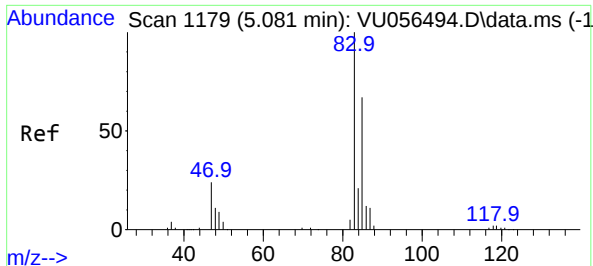


#23
 Bromochloromethane
 Concen: 5.776 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

Tgt Ion: 128 Resp: 44747

Ion	Ratio	Lower	Upper
128	100		
49	162.2	113.4	210.6
130	123.6	84.8	157.6
51	49.8	39.8	59.6

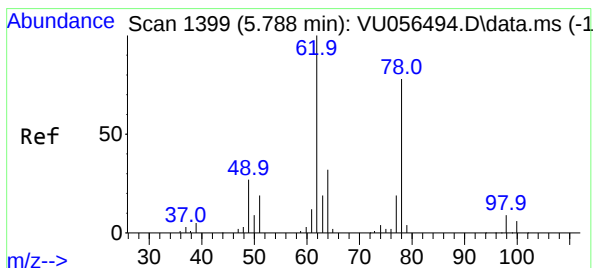
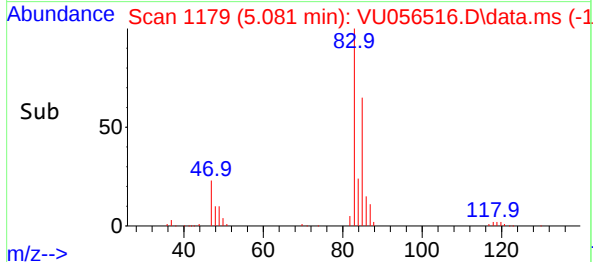
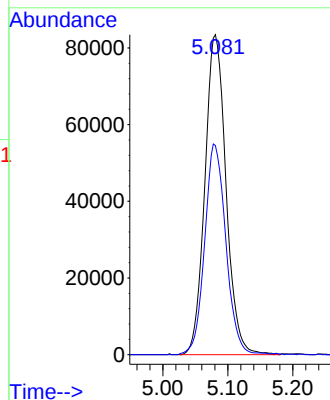
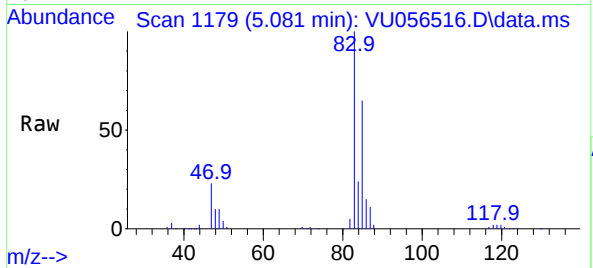




#25
Chloroform
Concen: 5.318 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

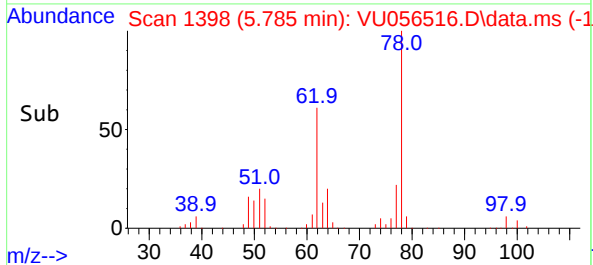
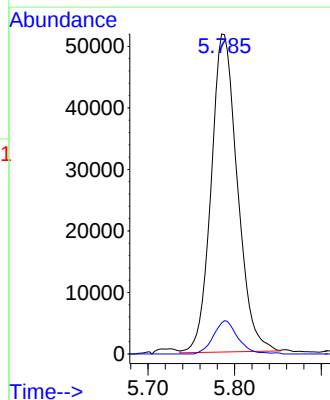
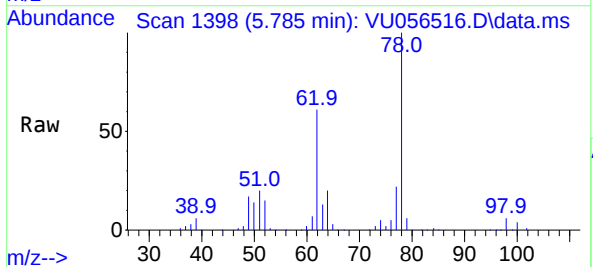
Instrument :
MSVOA_U
ClientSampleId :

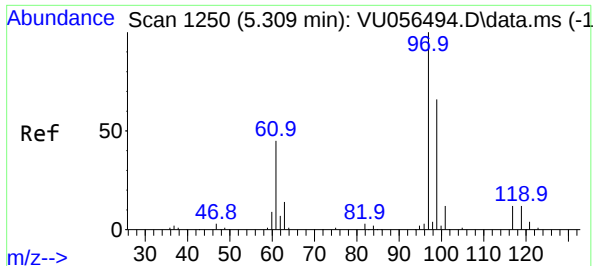
Tgt Ion: 83 Resp: 189414
Ion Ratio Lower Upper
83 100
85 65.4 47.0 87.2



#27
1,2-Dichloroethane
Concen: 5.386 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 62 Resp: 108908
Ion Ratio Lower Upper
62 100
98 9.7 6.6 10.0



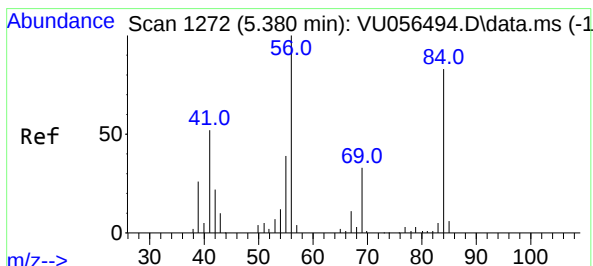
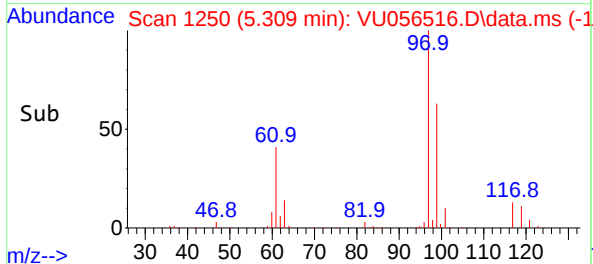
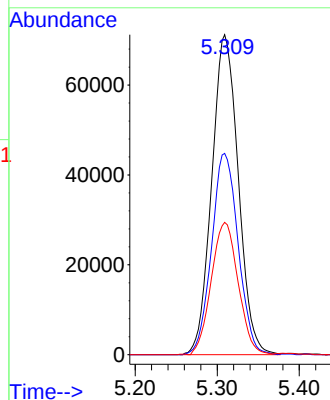
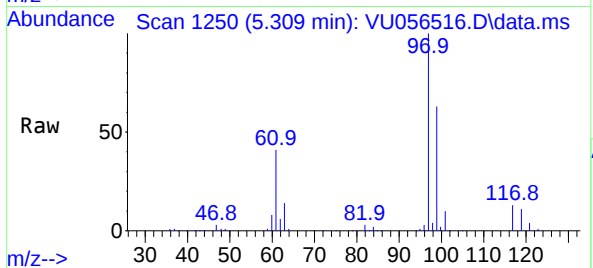


#29
1,1,1-Trichloroethane
Concen: 5.223 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 160177

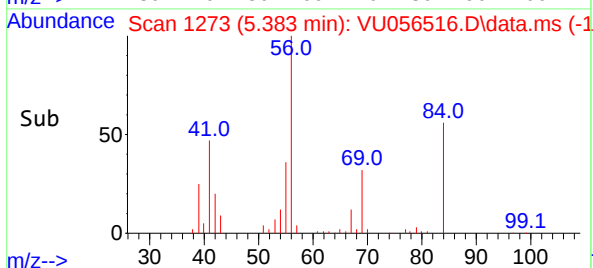
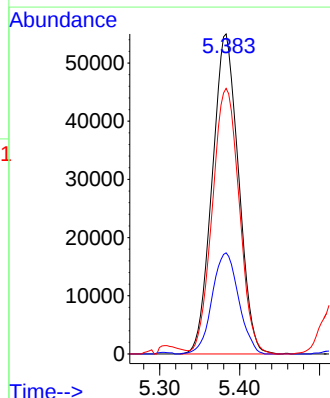
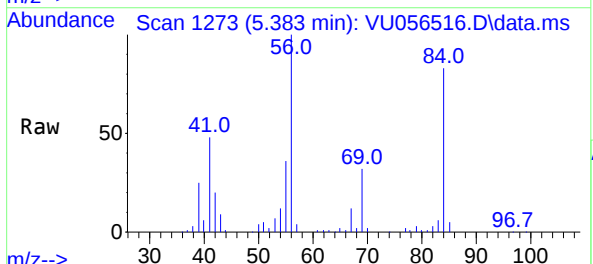
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.6	77.4
61	42.0	34.3	51.5

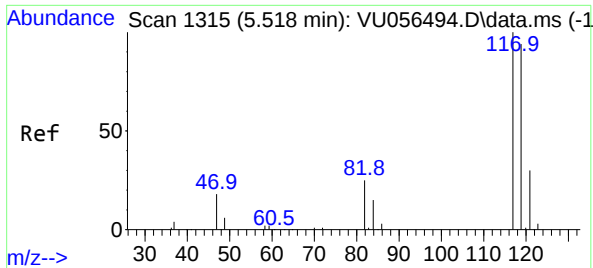


#30
Cyclohexane
Concen: 4.313 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 56 Resp: 125535

Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.4	38.2
84	84.9	68.6	103.0

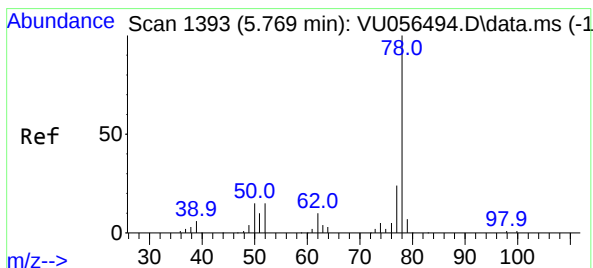
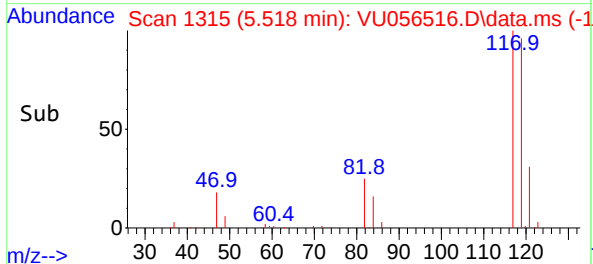
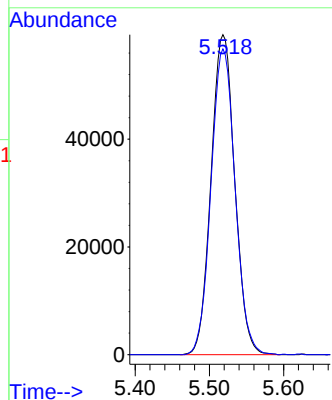
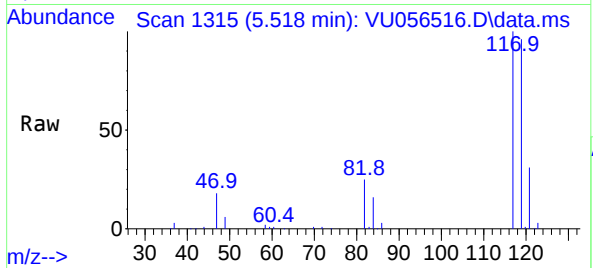




#31
Carbon tetrachloride
Concen: 5.004 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

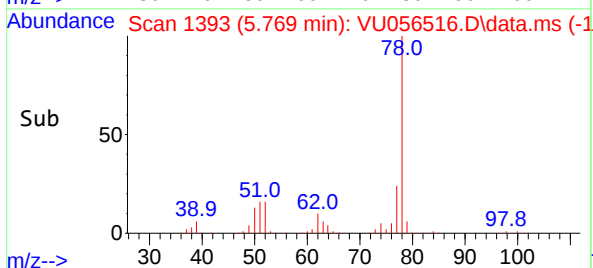
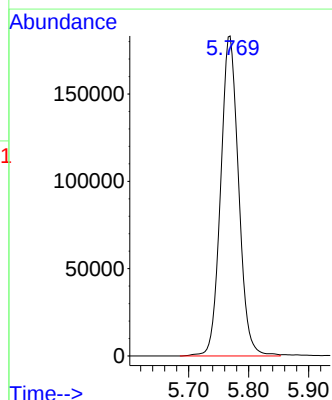
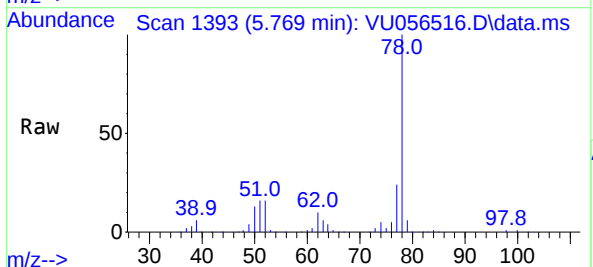
Instrument :
MSVOA_U
ClientSampleId :

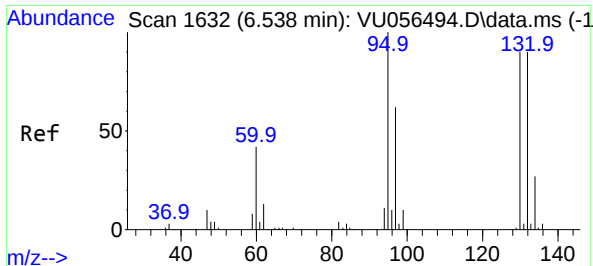
Tgt Ion:117 Resp: 131826
Ion Ratio Lower Upper
117 100
119 97.0 78.1 117.1



#33
Benzene
Concen: 4.981 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 78 Resp: 379706

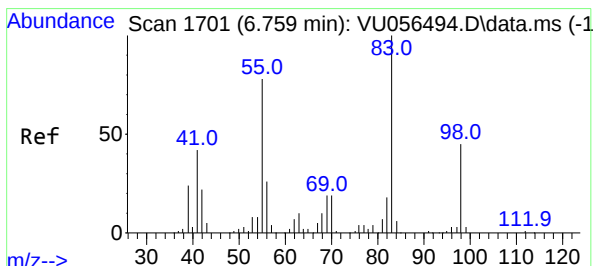
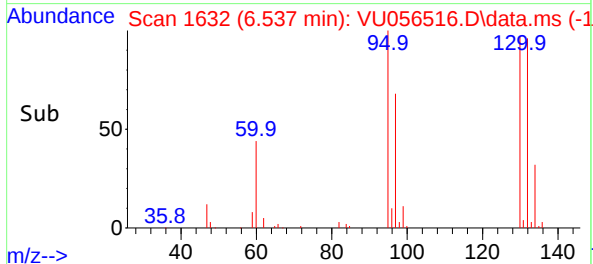
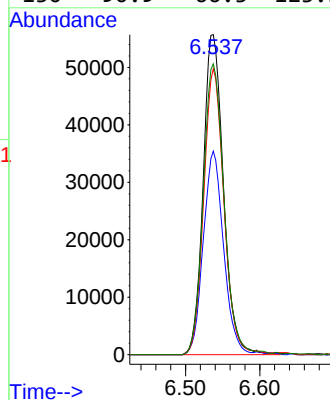
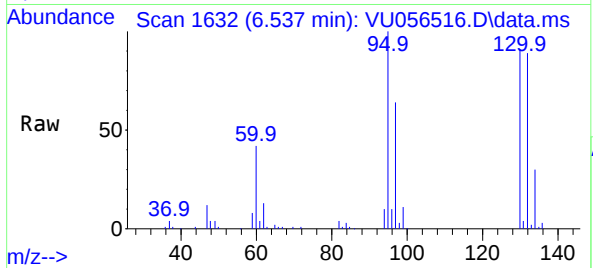




#34
Trichloroethene
Concen: 5.089 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

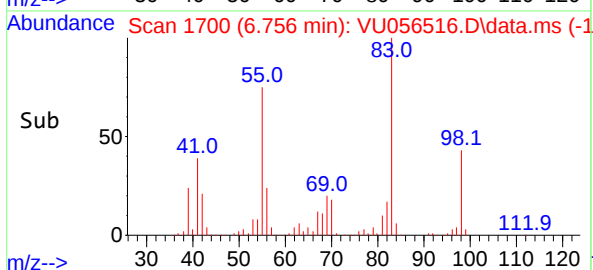
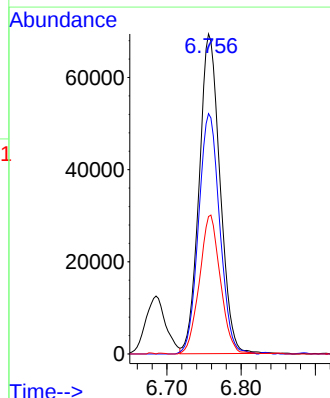
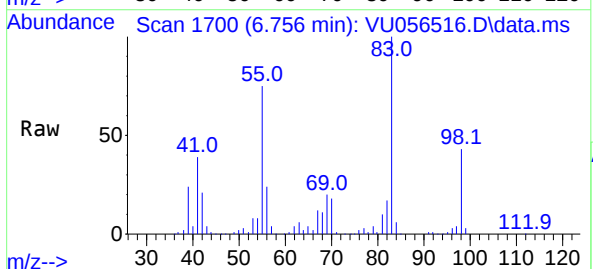
Instrument :
MSVOA_U
ClientSampleId :

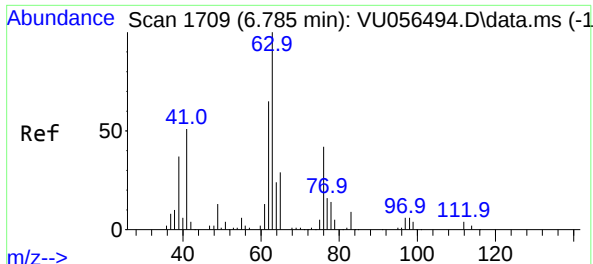
Tgt Ion: 95 Resp: 105701
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.3
132 89.3 62.0 115.2
130 90.9 66.3 123.1



#35
Methylcyclohexane
Concen: 4.511 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 83 Resp: 135273
Ion Ratio Lower Upper
83 100
55 76.3 62.9 94.3
98 43.6 35.3 52.9

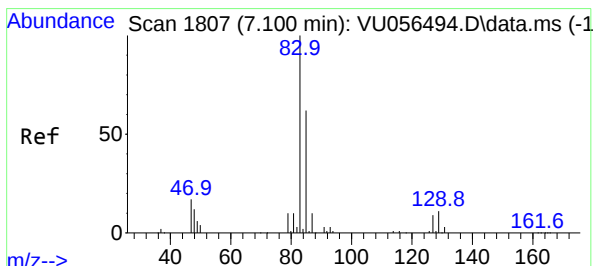
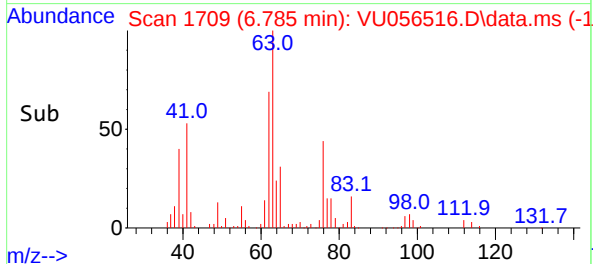
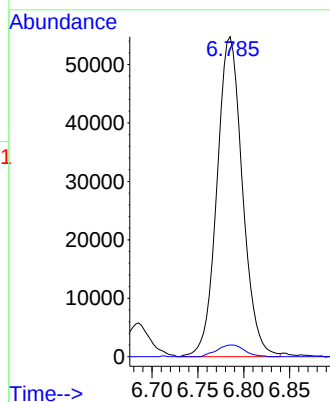
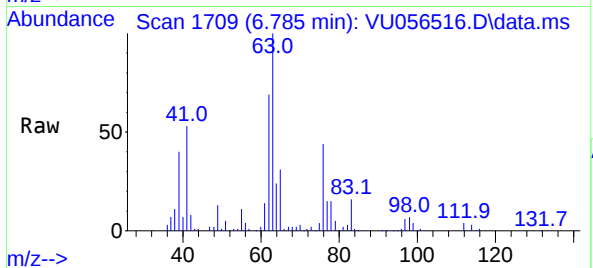




#37
1,2-Dichloropropane
Concen: 5.337 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

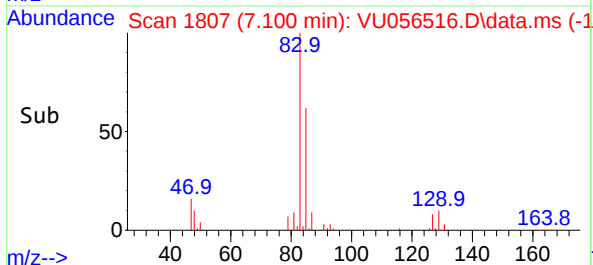
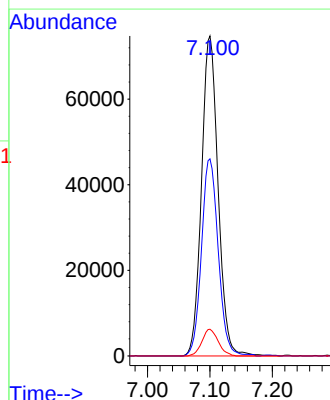
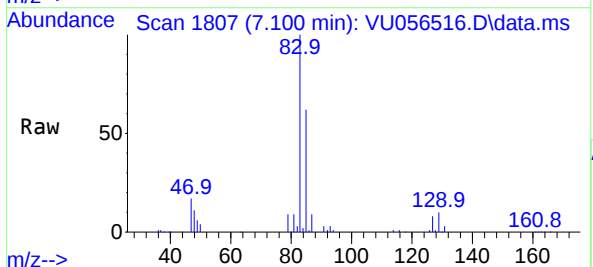
Instrument :
MSVOA_U
ClientSampleId :

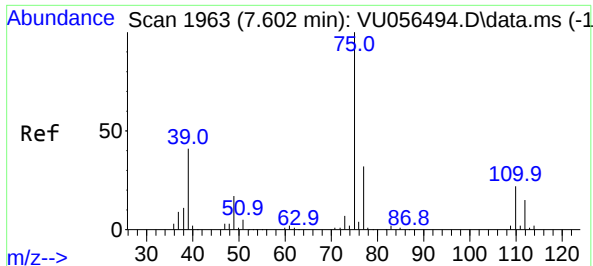
Tgt Ion: 63 Resp: 106105
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8



#38
Bromodichloromethane
Concen: 5.385 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 83 Resp: 138207
Ion Ratio Lower Upper
83 100
85 61.6 44.9 83.5
127 8.3 6.9 10.3

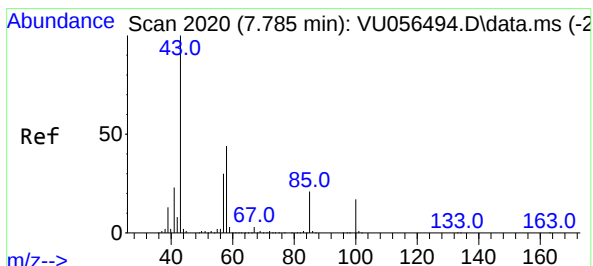
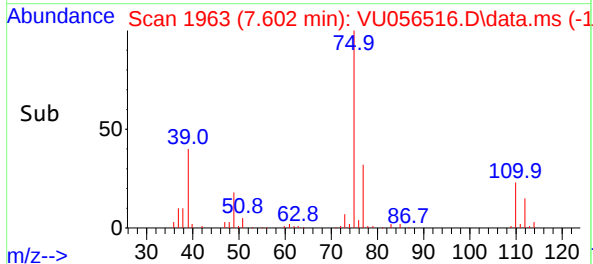
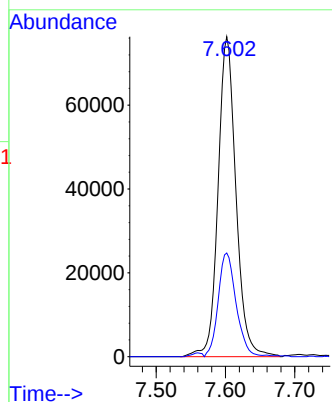
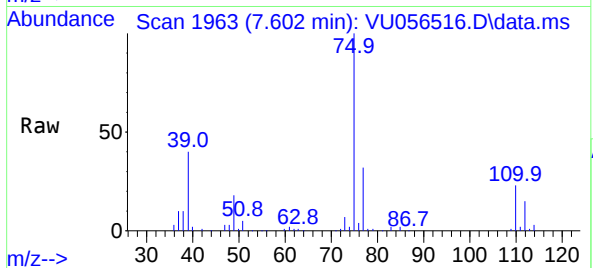




#39
 cis-1,3-Dichloropropene
 Concen: 4.700 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

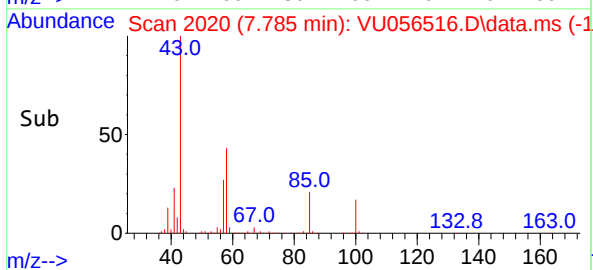
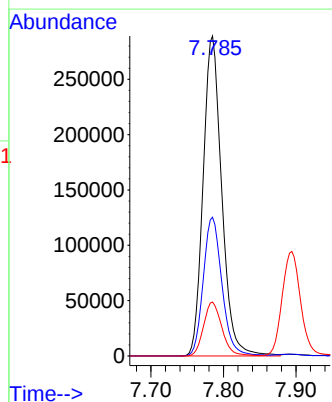
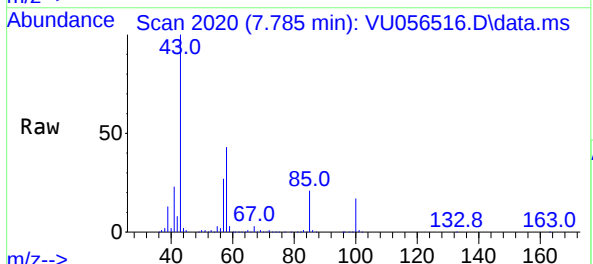
Instrument :
 MSVOA_U
 ClientSampleId :

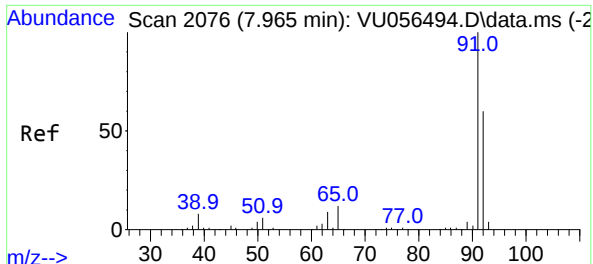
Tgt Ion: 75 Resp: 137308
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 52.377 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU056516.D
 Acq: 19 Nov 2023 06:34

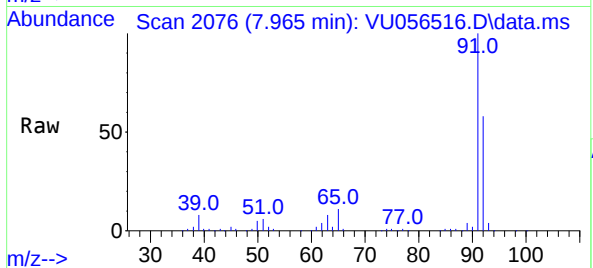
Tgt Ion: 43 Resp: 516186
 Ion Ratio Lower Upper
 43 100
 58 43.6 33.8 50.8
 100 16.6 13.0 19.4



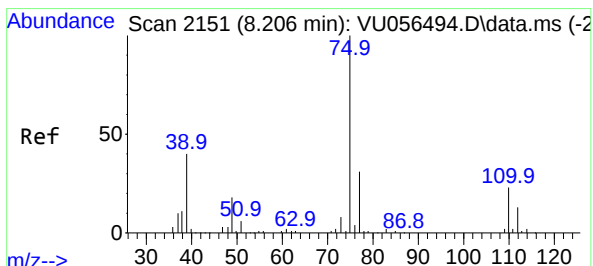
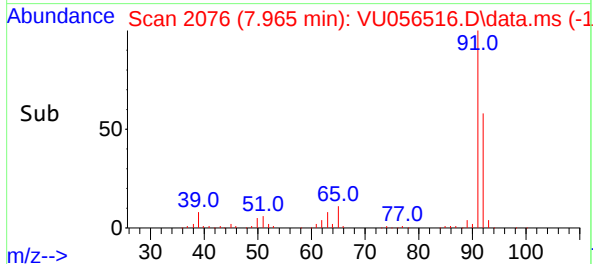
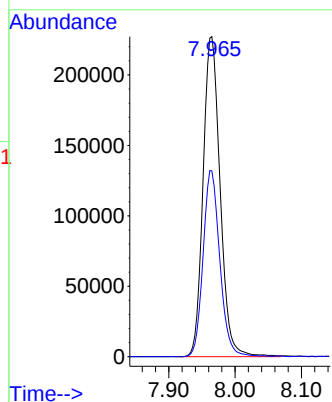


#42
Toluene
Concen: 5.141 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :

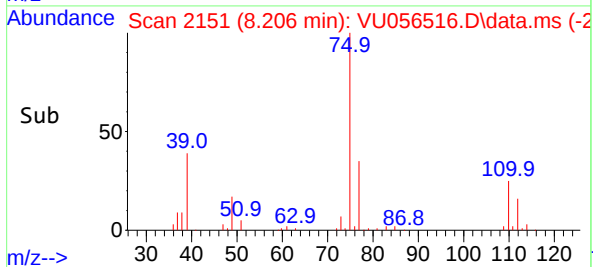
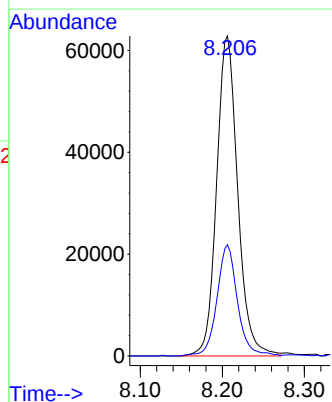
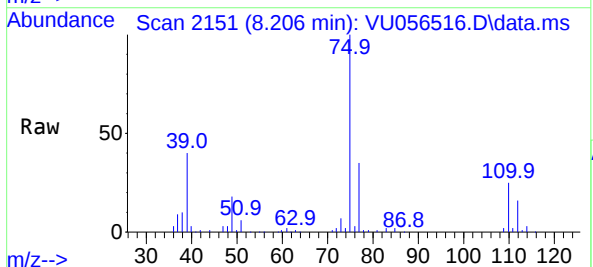


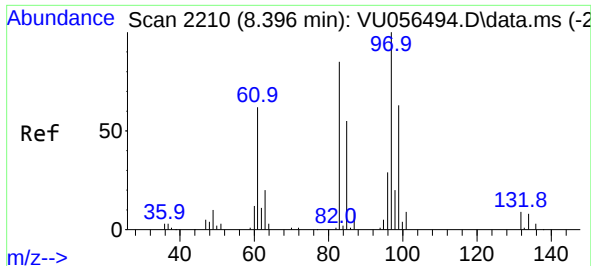
Tgt Ion: 91 Resp: 405740
Ion Ratio Lower Upper
91 100
92 58.1 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 4.830 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 75 Resp: 112490
Ion Ratio Lower Upper
75 100
77 34.8 22.8 42.4



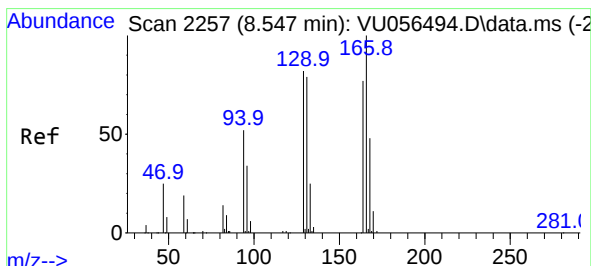
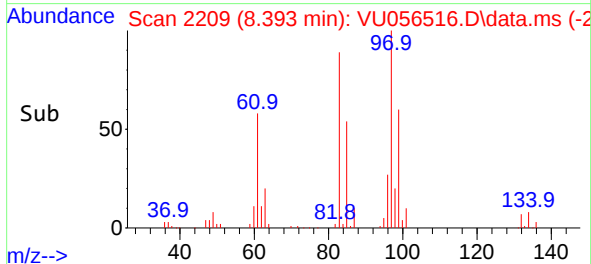
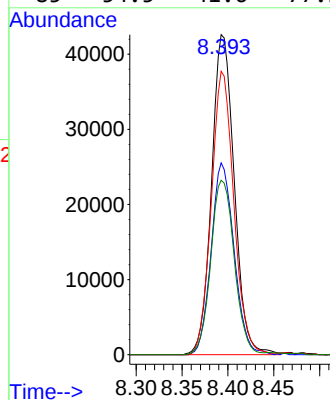
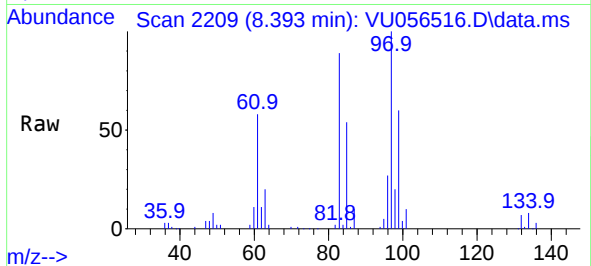


#45
1,1,2-Trichloroethane
Concen: 5.529 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 73208

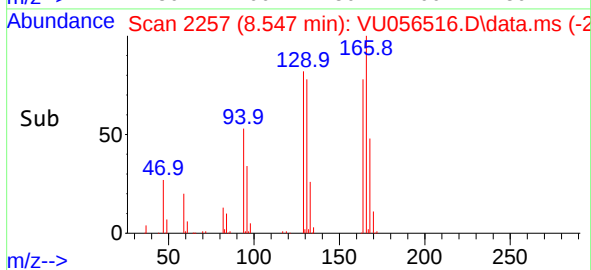
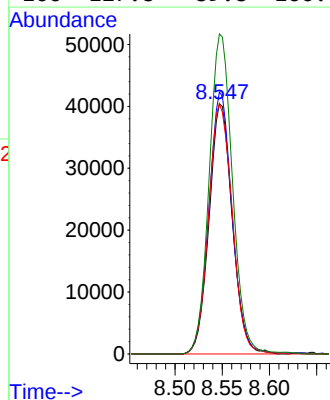
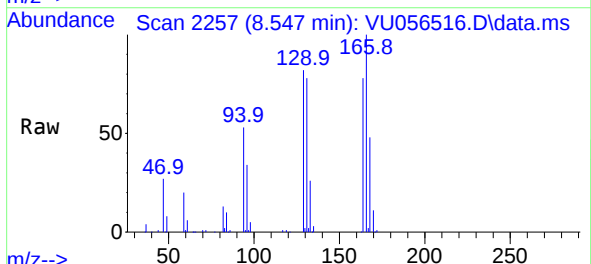
Ion	Ratio	Lower	Upper
97	100		
99	60.0	44.3	82.3
83	88.5	65.4	121.4
85	54.5	41.6	77.3

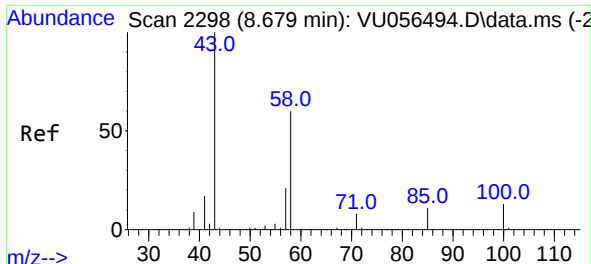


#47
Tetrachloroethene
Concen: 4.923 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 164 Resp: 68957

Ion	Ratio	Lower	Upper
164	100		
129	104.6	71.0	131.9
131	100.0	70.3	130.7
166	127.8	89.8	166.8



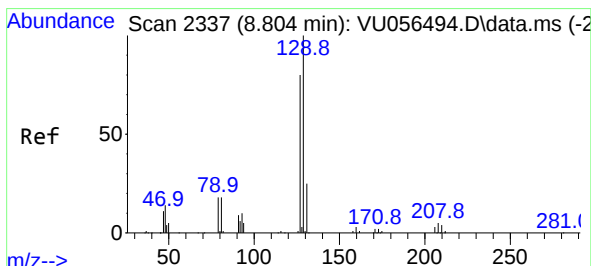
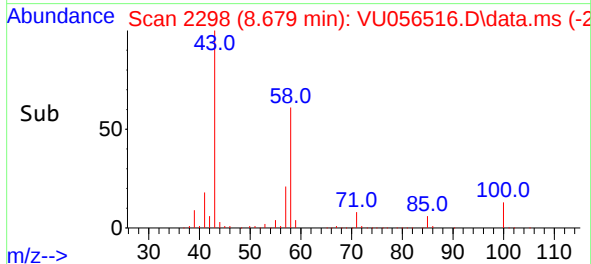
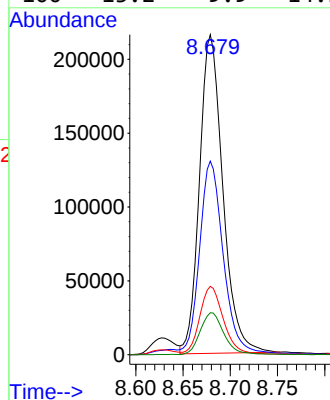
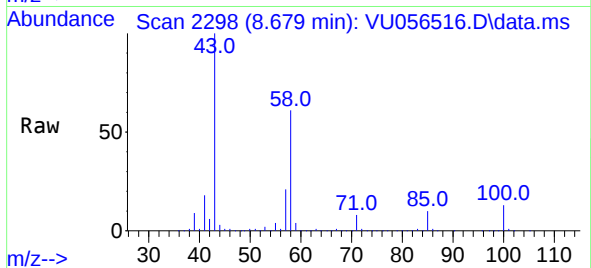


#48
2-Hexanone
Concen: 48.334 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 371091

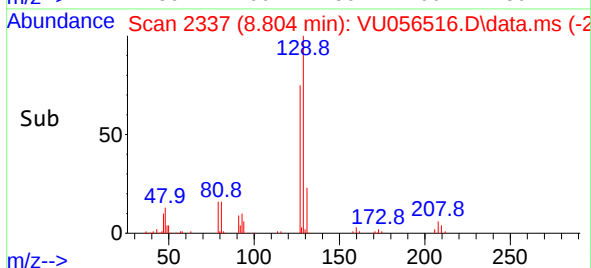
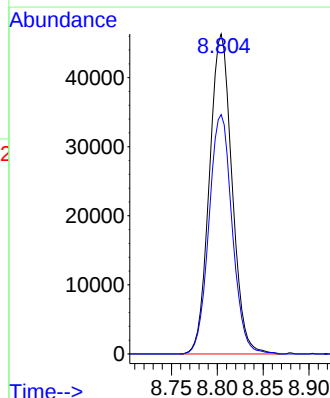
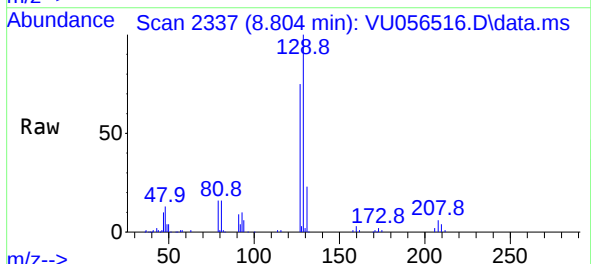
Ion	Ratio	Lower	Upper
43	100		
58	61.0	48.7	73.1
57	21.7	16.8	25.2
100	13.2	9.9	14.9

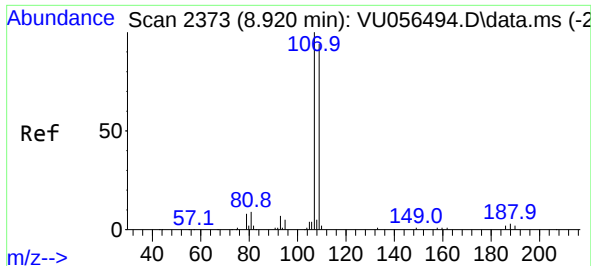


#49
Dibromochloromethane
Concen: 5.284 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 129 Resp: 79567

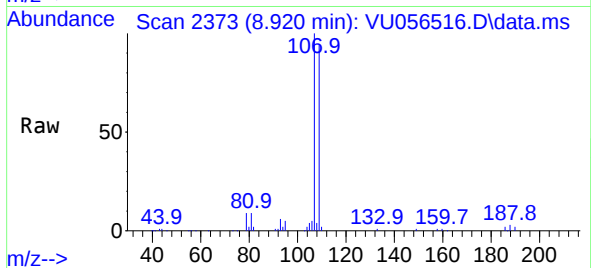
Ion	Ratio	Lower	Upper
129	100		
127	74.8	52.9	98.3



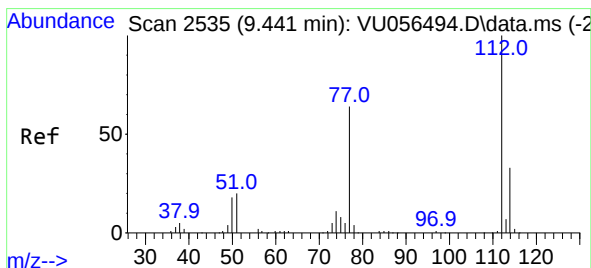
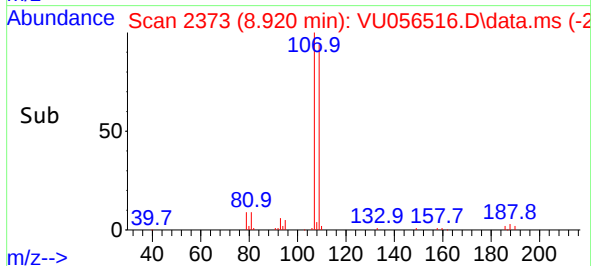
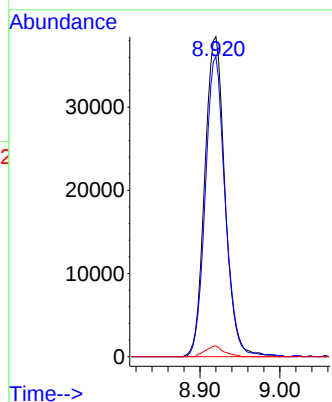


#50
1,2-Dibromoethane
Concen: 5.403 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :

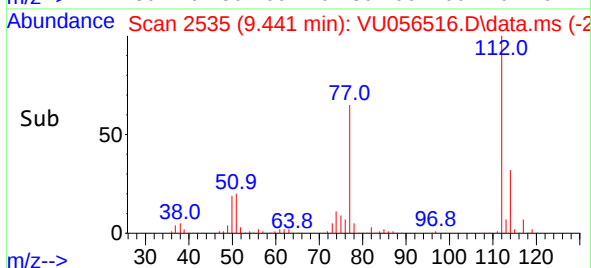
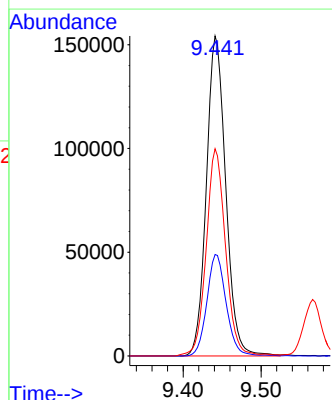
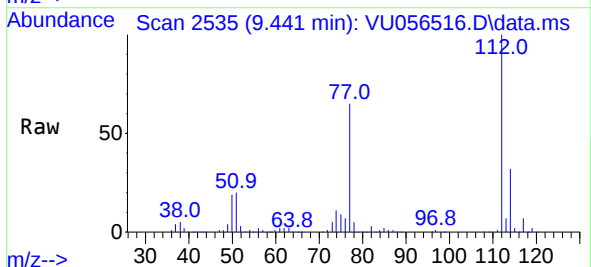


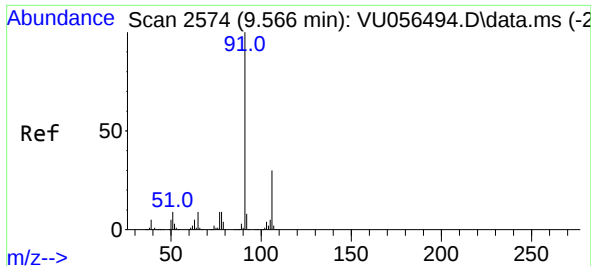
Tgt Ion:107 Resp: 67533
Ion Ratio Lower Upper
107 100
109 93.7 64.2 119.2
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 5.246 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion:112 Resp: 266040
Ion Ratio Lower Upper
112 100
114 31.7 22.5 41.7
77 64.8 51.7 77.5

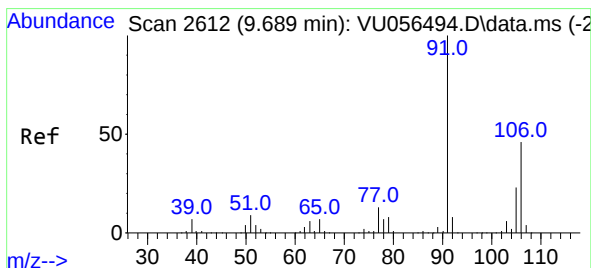
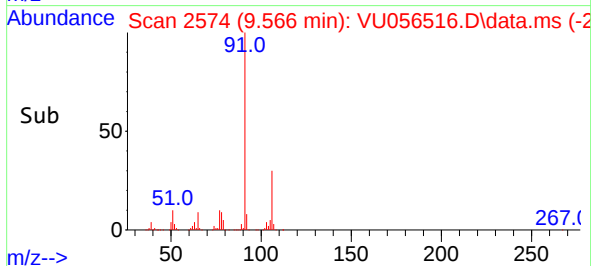
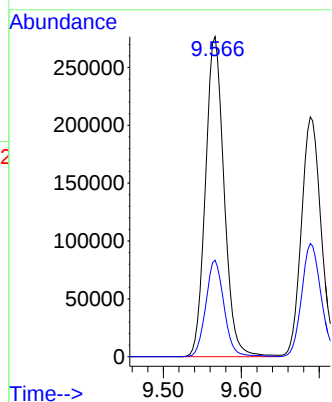
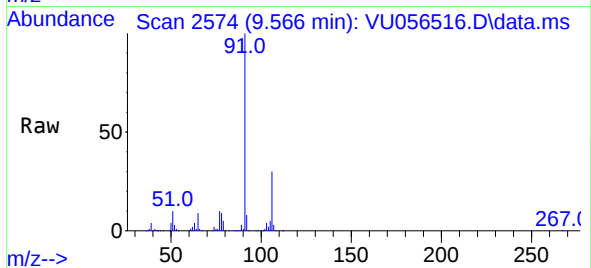




#52
Ethylbenzene
Concen: 5.240 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

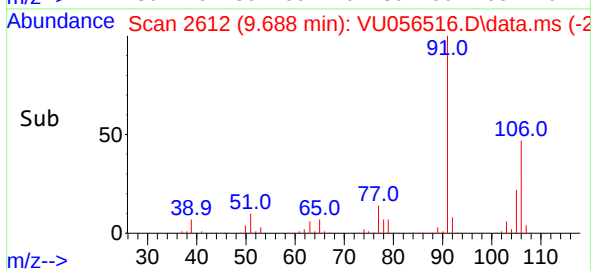
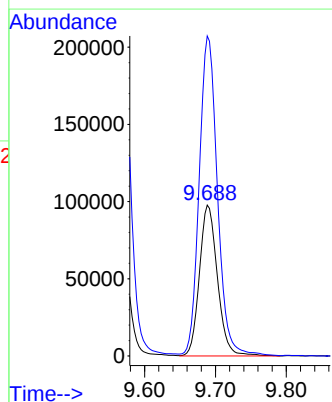
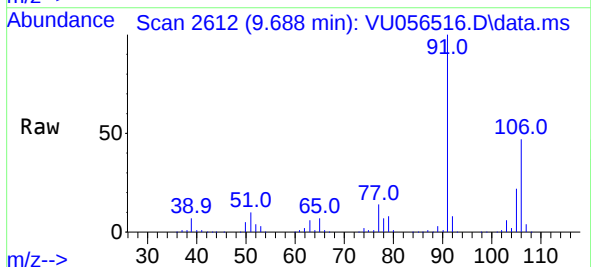
Instrument :
MSVOA_U
ClientSampleId :

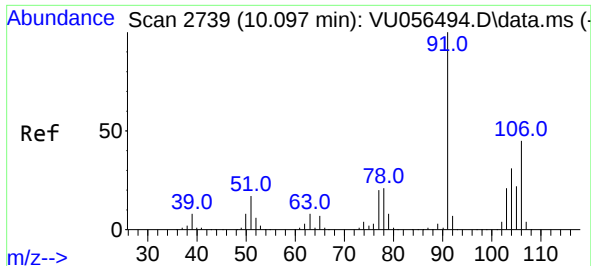
Tgt Ion: 91 Resp: 459303
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 5.349 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion:106 Resp: 172352
Ion Ratio Lower Upper
106 100
91 212.0 149.6 277.8

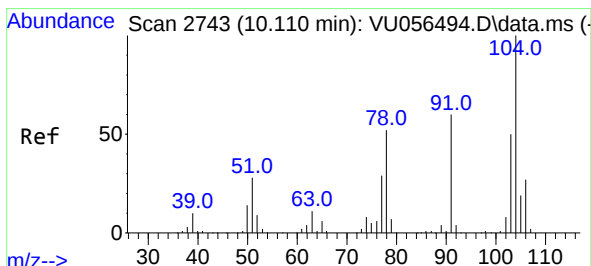
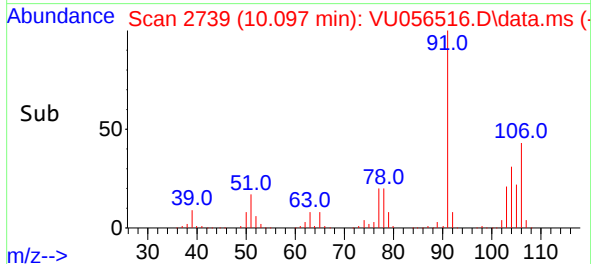
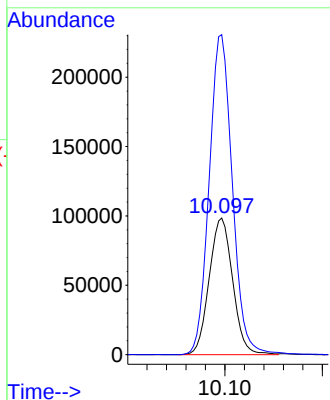
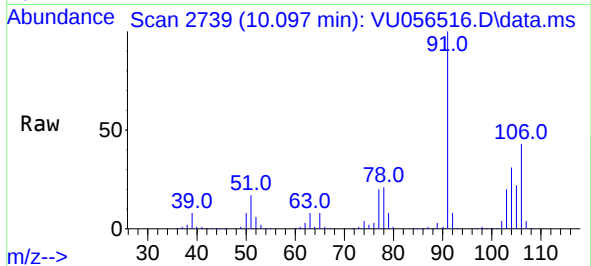




#54
o-Xylene
Concen: 5.274 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

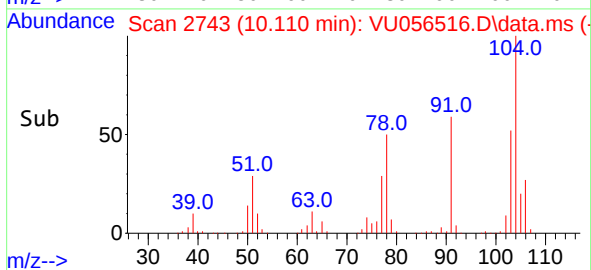
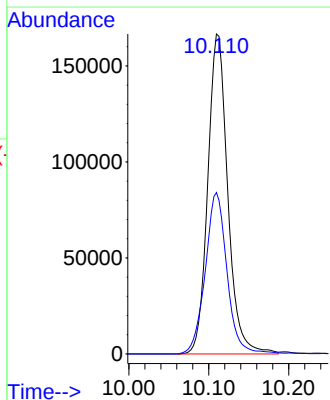
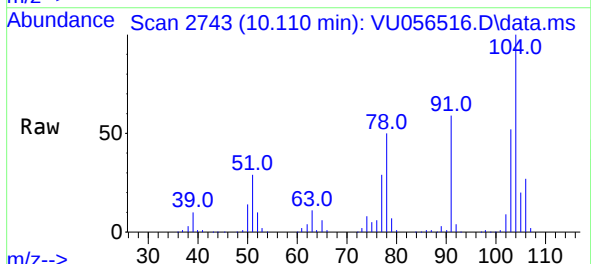
Instrument :
MSVOA_U
ClientSampleId :

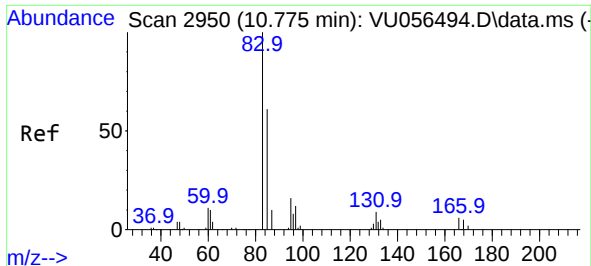
Tgt Ion:106 Resp: 165071
Ion Ratio Lower Upper
106 100
91 234.2 159.3 295.9



#55
Styrene
Concen: 5.561 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion:104 Resp: 289497
Ion Ratio Lower Upper
104 100
78 50.4 34.2 63.6

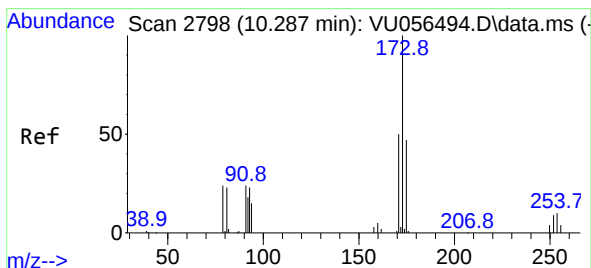
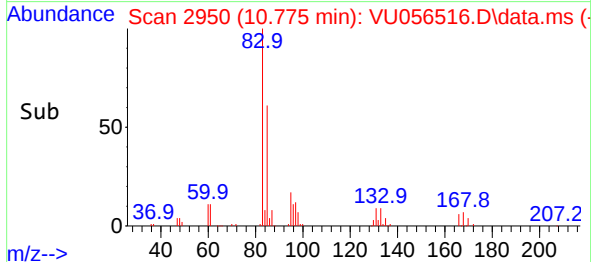
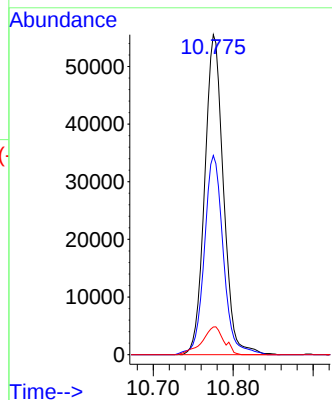
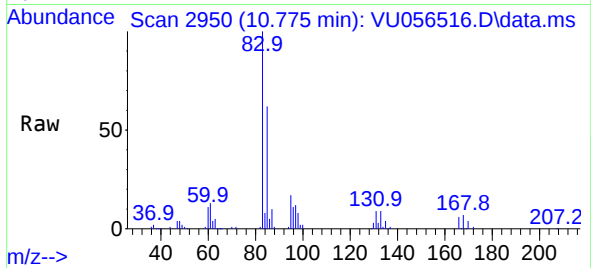




#57
1,1,2,2-Tetrachloroethane
Concen: 5.607 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

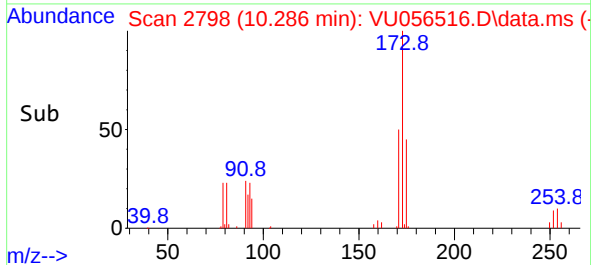
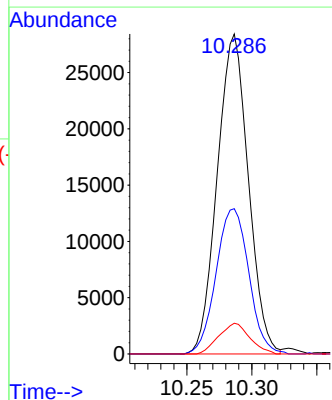
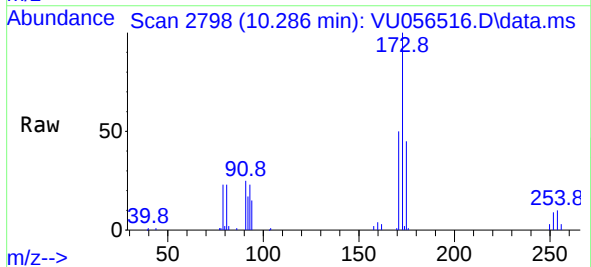
Instrument :
MSVOA_U
ClientSampleId :

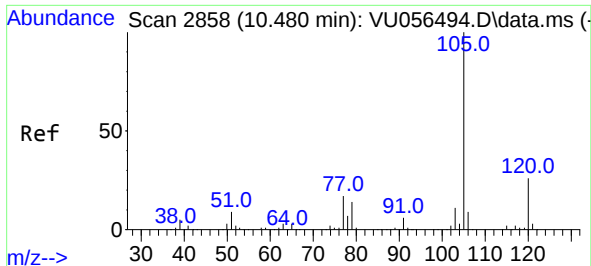
Tgt Ion: 83 Resp: 90644
Ion Ratio Lower Upper
83 100
85 62.2 46.3 86.1
131 8.7 6.7 10.1



#59
Bromoform
Concen: 5.762 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

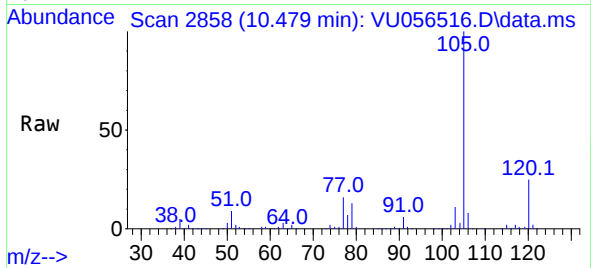
Tgt Ion:173 Resp: 47229
Ion Ratio Lower Upper
173 100
175 47.8 38.9 58.3
254 9.6 6.7 10.1



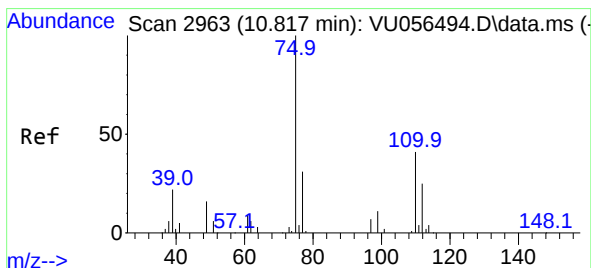
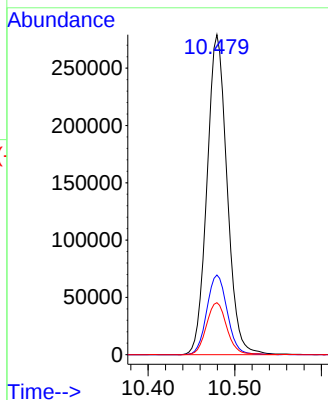
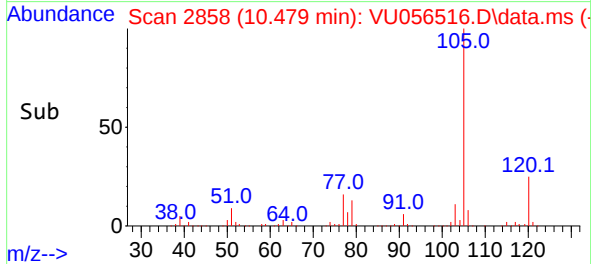


#60
Isopropylbenzene
Concen: 5.298 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :

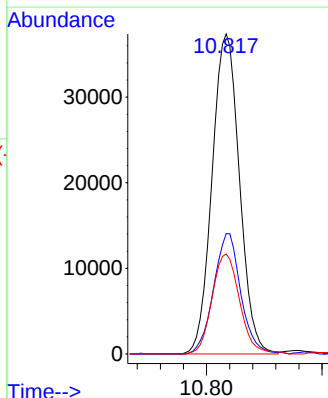
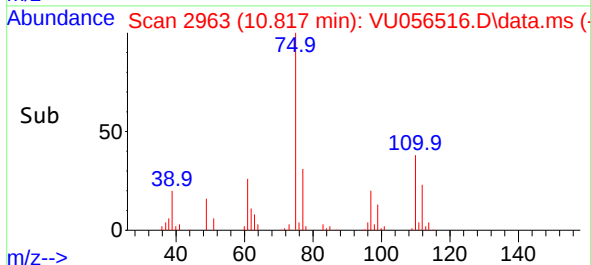
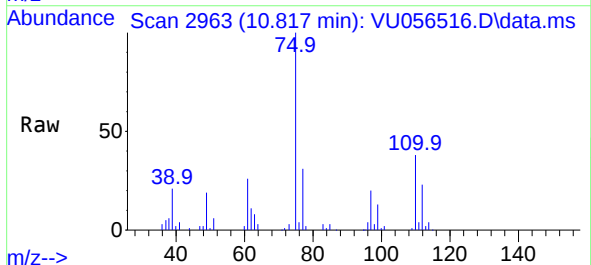


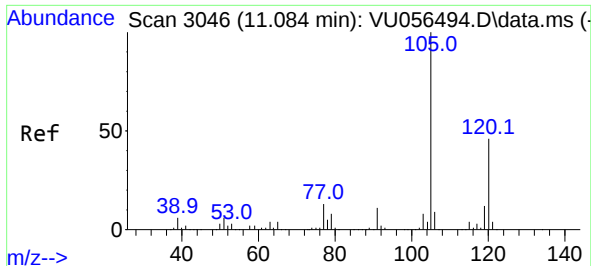
Tgt Ion:105 Resp: 449614
Ion Ratio Lower Upper
105 100
120 25.4 20.4 30.6
77 16.6 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.448 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion: 75 Resp: 61516
Ion Ratio Lower Upper
75 100
110 37.3 30.4 45.6
77 31.4 27.0 40.6

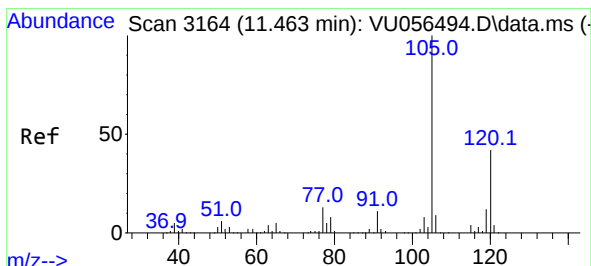
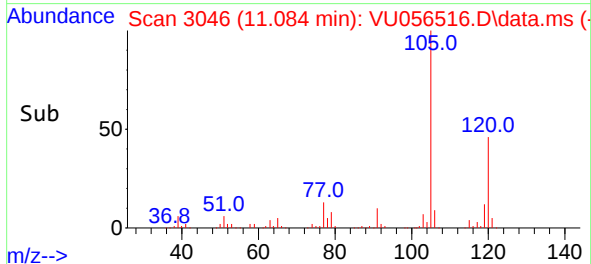
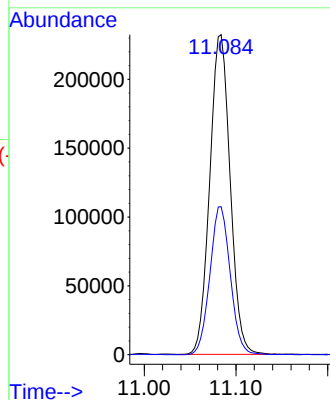
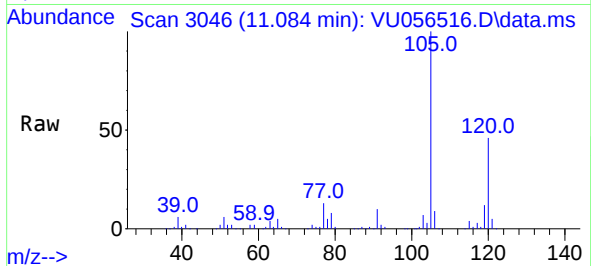




#62
1,3,5-Trimethylbenzene
Concen: 5.165 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

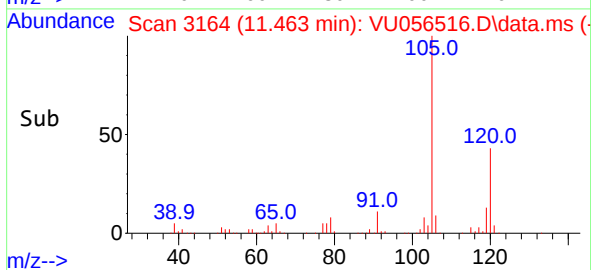
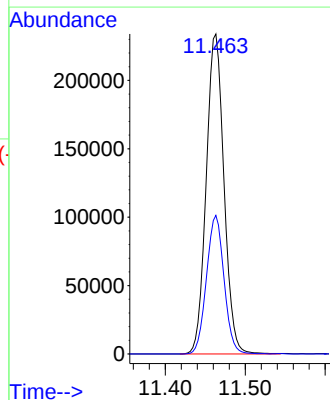
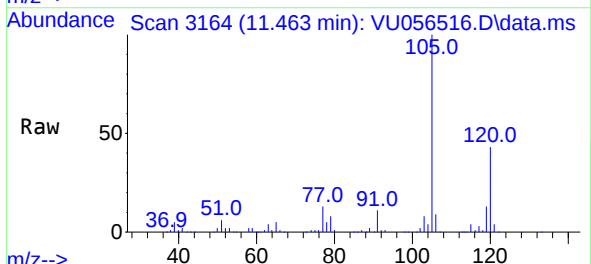
Instrument :
MSVOA_U
ClientSampleId :

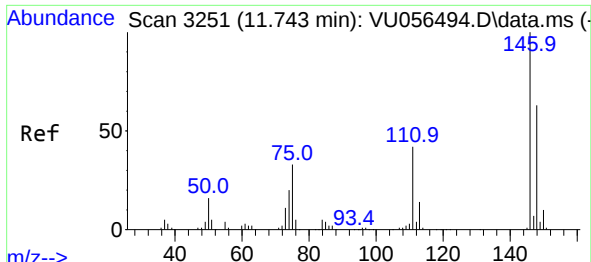
Tgt Ion:105 Resp: 359948
Ion Ratio Lower Upper
105 100
120 46.2 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.262 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

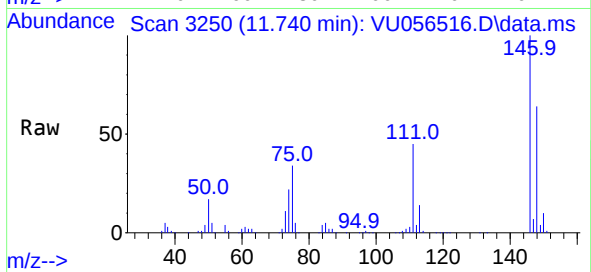
Tgt Ion:105 Resp: 361971
Ion Ratio Lower Upper
105 100
120 42.8 34.0 51.0



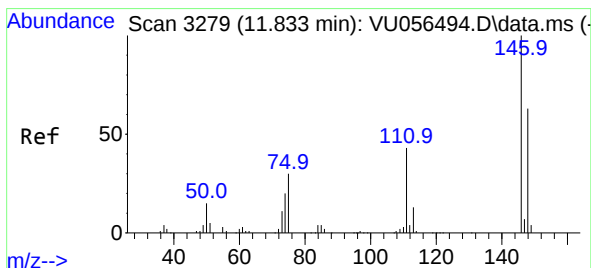
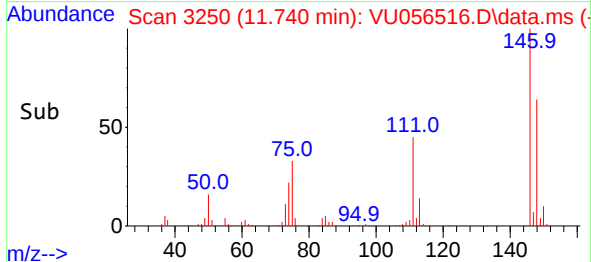
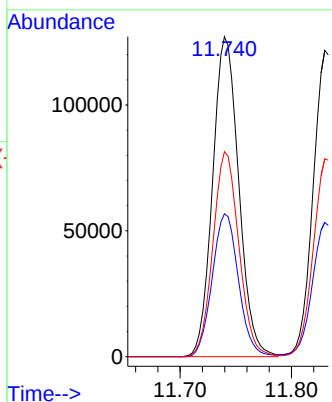


#64
1,3-Dichlorobenzene
Concen: 5.361 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :

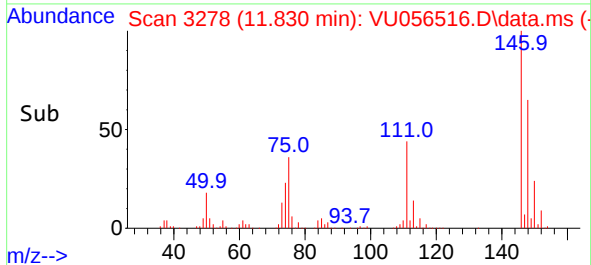
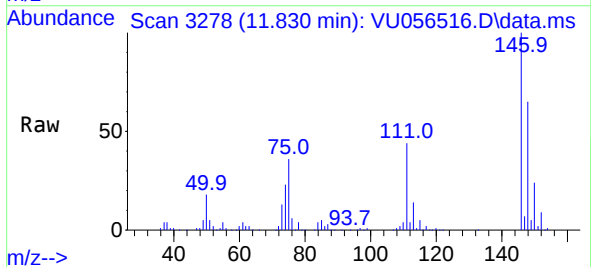
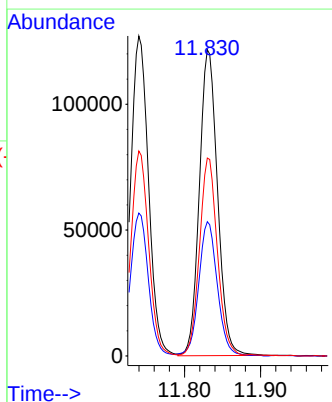


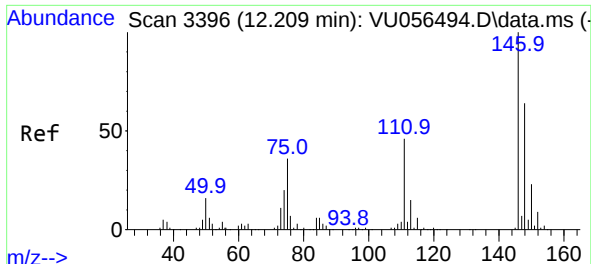
Tgt Ion:146 Resp: 206971
Ion Ratio Lower Upper
146 100
111 44.6 31.1 57.7
148 64.1 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.215 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion:146 Resp: 201942
Ion Ratio Lower Upper
146 100
111 43.8 30.5 56.7
148 64.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.362 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056516.D

Acq: 19 Nov 2023 06:34

Instrument :

MSVOA_U

ClientSampleId :

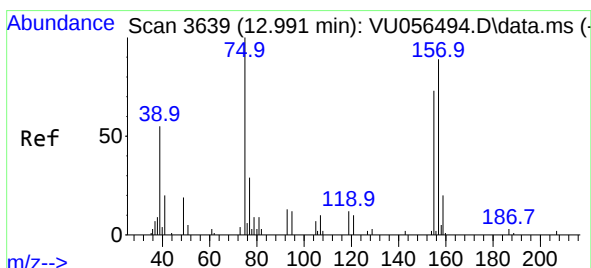
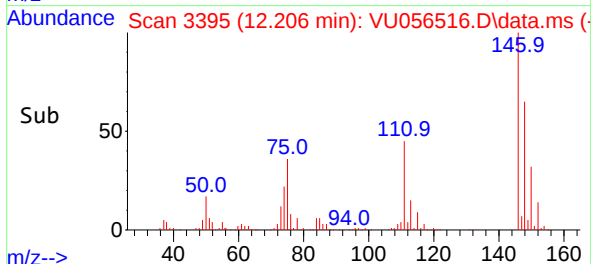
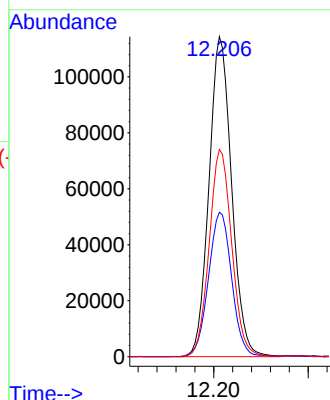
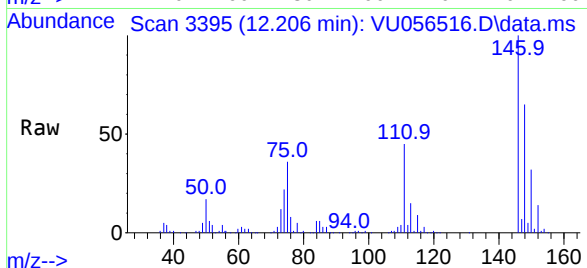
Tgt Ion:146 Resp: 189913

Ion Ratio Lower Upper

146 100

111 45.1 38.3 57.5

148 64.7 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.100 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056516.D

Acq: 19 Nov 2023 06:34

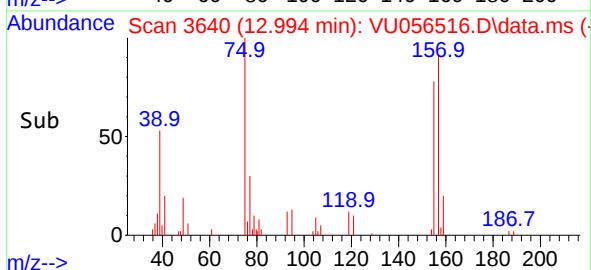
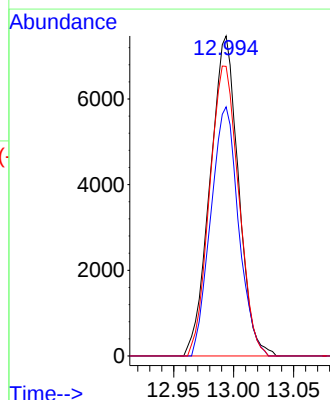
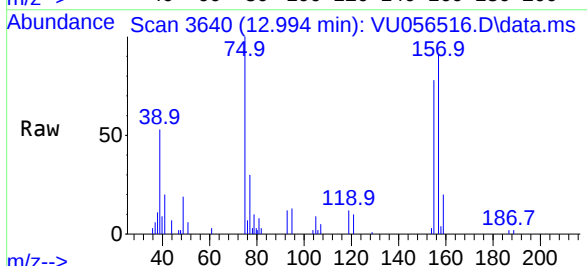
Tgt Ion: 75 Resp: 12300

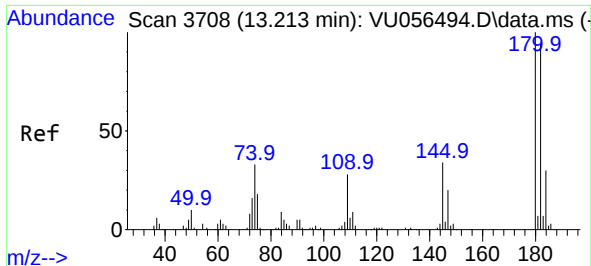
Ion Ratio Lower Upper

75 100

155 77.9 62.4 93.6

157 90.5 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.102 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056516.D

Acq: 19 Nov 2023 06:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 148288

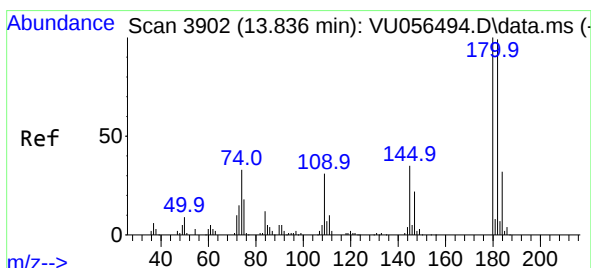
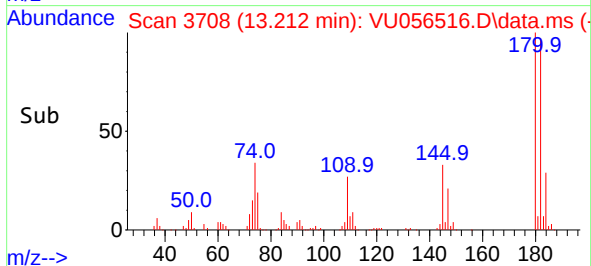
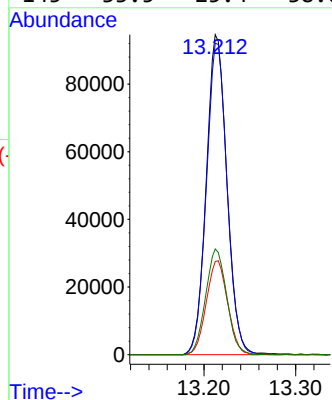
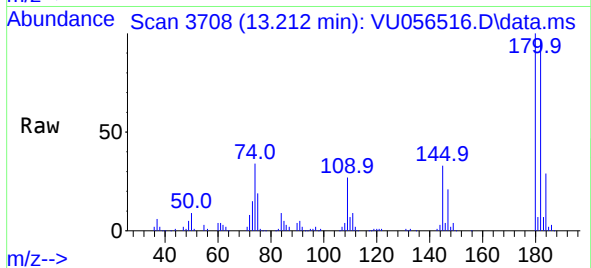
Ion Ratio Lower Upper

180 100

182 97.3 75.1 112.7

184 30.4 23.5 35.3

145 33.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.121 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU056516.D

Acq: 19 Nov 2023 06:34

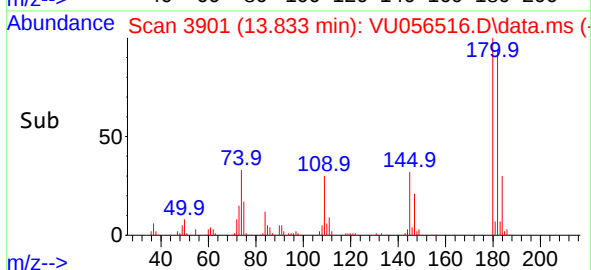
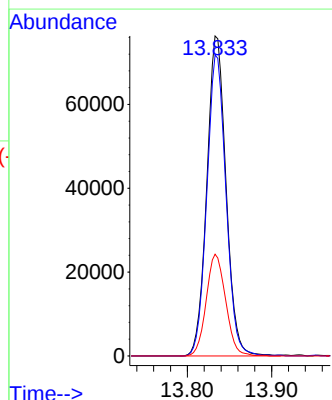
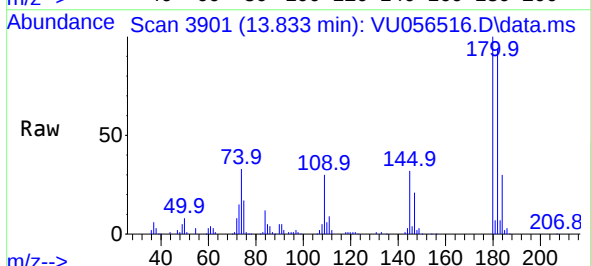
Tgt Ion:180 Resp: 121234

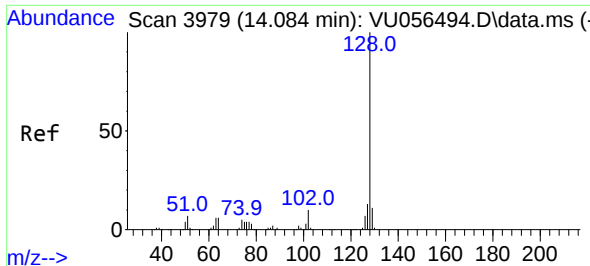
Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.2

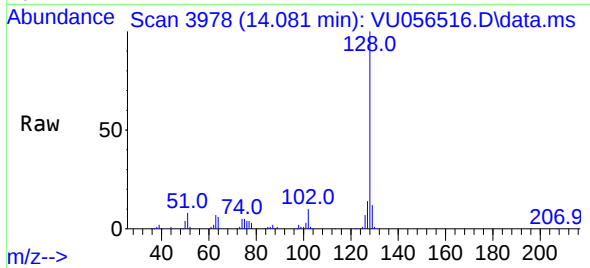
145 32.1 26.8 40.2





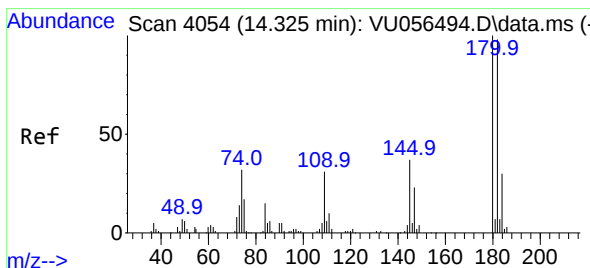
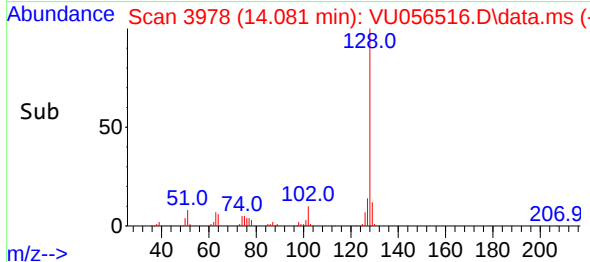
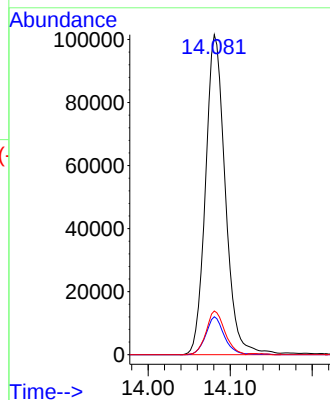
#71
Naphthalene
Concen: 4.739 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 169520

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.0	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.206 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056516.D
Acq: 19 Nov 2023 06:34

Tgt Ion:180 Resp: 101528

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.6	117.8
145	36.5	29.0	43.6

