

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056692.D
 Acq On : 07 Dec 2023 19:42
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 02:05:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255790	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	257529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60201	3.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.911	69	48893	3.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.563	65	30120	3.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.621	46	225812	59.191	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.380%
24) Chloroform-d	5.055	84	166596	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	81189	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	297914	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.685	67	98243	4.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.894	98	259814	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.174	79	36103	4.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.631	63	181088	51.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82749	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	98542	4.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	67818	3.346	ug/L	97
3) Chloromethane	1.515	50	70832	3.420	ug/L	97
5) Vinyl chloride	1.602	62	76603	3.839	ug/L	99
6) Bromomethane	1.853	94	40652	4.025	ug/L	98
8) Chloroethane	1.930	64	46405	3.807	ug/L	98
9) Trichlorofluoromethane	2.136	101	131287	4.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	84714	4.962	ug/L	100
12) 1,1-Dichloroethene	2.576	96	71246	4.550	ug/L	91
13) Acetone	2.631	43	126348	38.885	ug/L	99
14) Carbon disulfide	2.788	76	157438	3.090	ug/L	99
15) Methyl Acetate	2.949	43	30128	5.210	ug/L	97
16) Methylene chloride	3.039	84	91480	4.415	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	198844	5.227	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	72608	4.507	ug/L	98
19) 1,1-Dichloroethane	3.862	63	163517	5.124	ug/L	99
21) 2-Butanone	4.702	43	196317	46.562	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	92531	5.064	ug/L	97
23) Bromochloromethane	4.968	128	37066	4.929	ug/L	91
25) Chloroform	5.081	83	183197	5.298	ug/L	95

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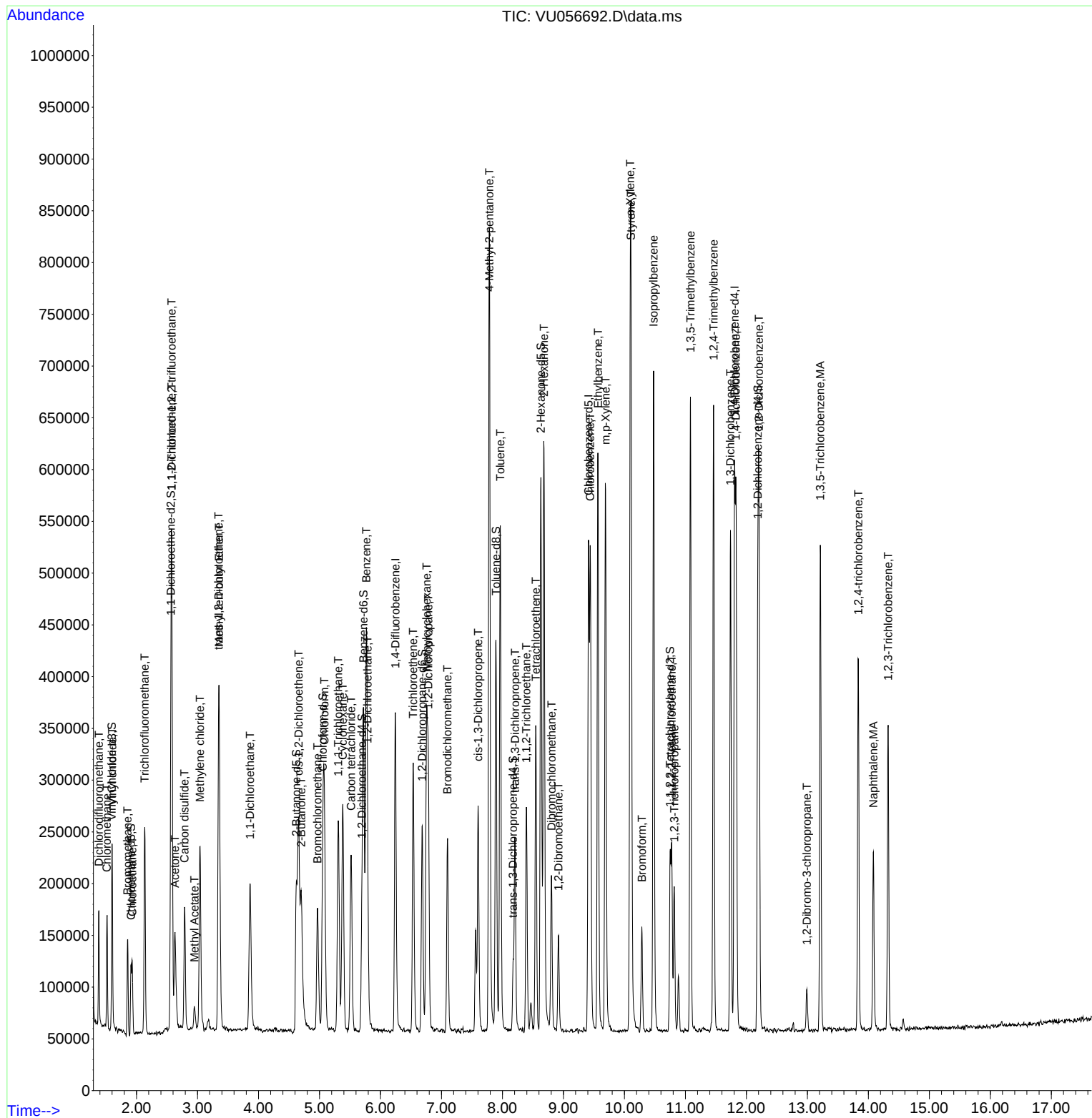
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	102119	5.202	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	152123	5.146	ug/L	99
30) Cyclohexane	5.383	56	105217	3.750	ug/L	99
31) Carbon tetrachloride	5.518	117	121646	4.791	ug/L	99
33) Benzene	5.769	78	342592	4.662	ug/L	100
34) Trichloroethene	6.537	95	94339	4.712	ug/L	99
35) Methylcyclohexane	6.756	83	113572	3.929	ug/L	99
37) 1,2-Dichloropropane	6.785	63	98280	5.129	ug/L	100
38) Bromodichloromethane	7.100	83	126025	5.094	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	134944	4.792	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	504668	53.128	ug/L	99
42) Toluene	7.965	91	371080	4.878	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	113563	5.059	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	71370	5.592	ug/L	94
47) Tetrachloroethene	8.547	164	64876	4.805	ug/L	94
48) 2-Hexanone	8.679	43	366763	49.561	ug/L	99
49) Dibromochloromethane	8.804	129	78028	5.377	ug/L	98
50) 1,2-Dibromoethane	8.920	107	61023	5.065	ug/L	100
51) Chlorobenzene	9.441	112	242794	4.967	ug/L	98
52) Ethylbenzene	9.566	91	413633	4.896	ug/L	99
53) m,p-Xylene	9.692	106	149533	4.815	ug/L	95
54) o-Xylene	10.097	106	148914	4.936	ug/L	98
55) Styrene	10.110	104	263553	5.252	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	85629	5.495	ug/L #	99
59) Bromoform	10.287	173	43579	5.304	ug/L	96
60) Isopropylbenzene	10.479	105	416978	4.902	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	59309	5.241	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	331035	4.740	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	336236	4.877	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	193327	4.997	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	187843	4.840	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	182241	5.134	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11171	4.622	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	143596	4.929	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	105056	4.428	ug/L	98
71) Naphthalene	14.084	128	140236	3.912	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	86500	4.426	ug/L	98

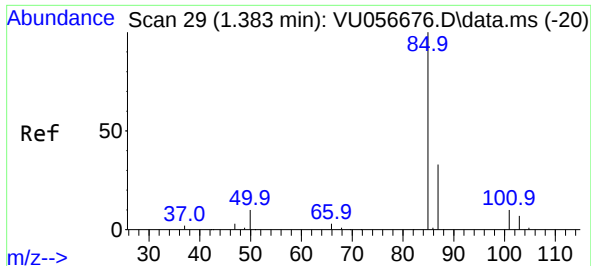
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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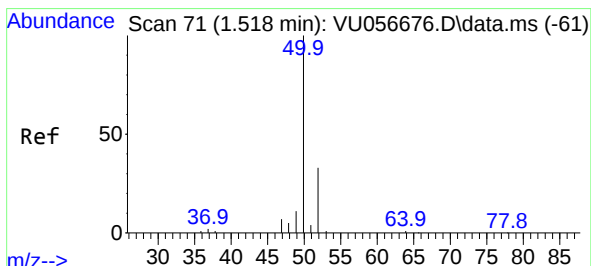
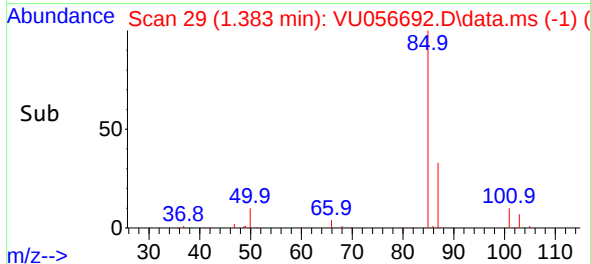
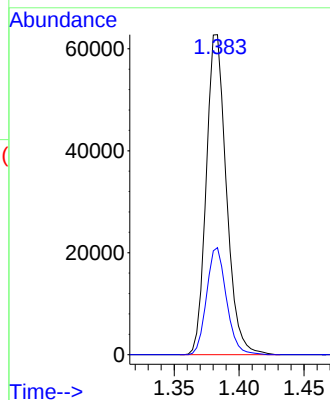
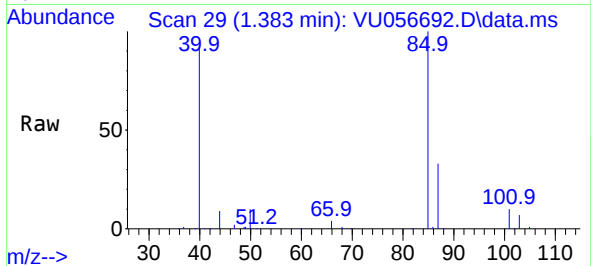




#2
Dichlorodifluoromethane
Concen: 3.346 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

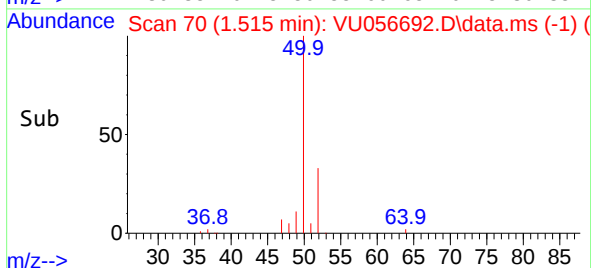
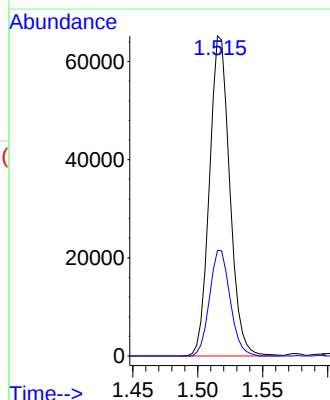
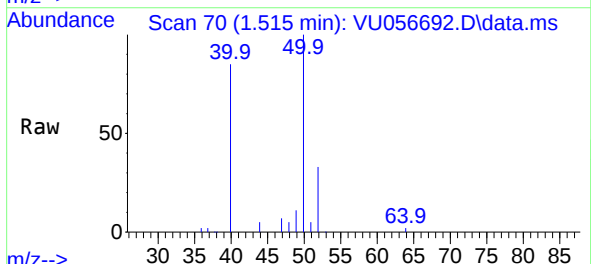
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MSVOA_U
ClientSampleId :

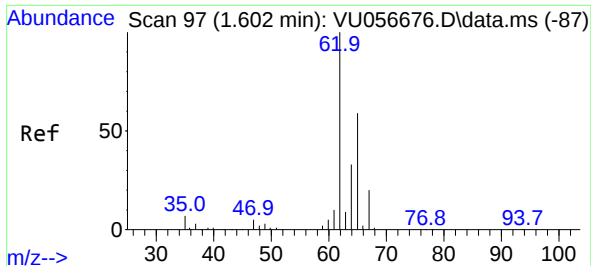
Tgt Ion: 85 Resp: 67818
Ion Ratio Lower Upper
85 100
87 32.9 25.0 37.4



#3
Chloromethane
Concen: 3.420 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion: 50 Resp: 70832
Ion Ratio Lower Upper
50 100
52 33.0 24.3 45.1

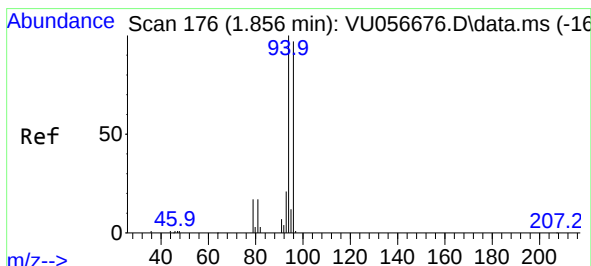
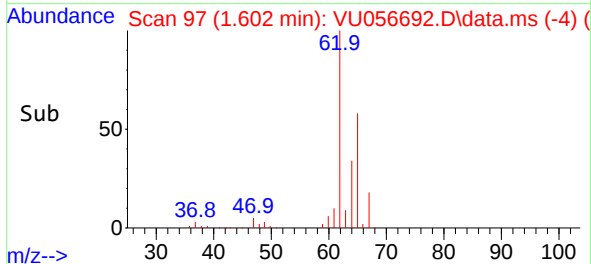
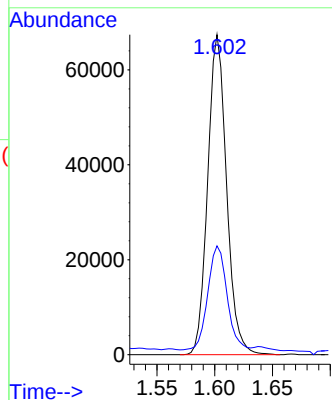
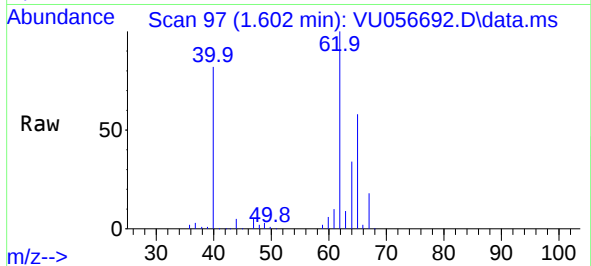




#5
 Vinyl chloride
 Concen: 3.839 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056692.D
 Acq: 07 Dec 2023 19:42

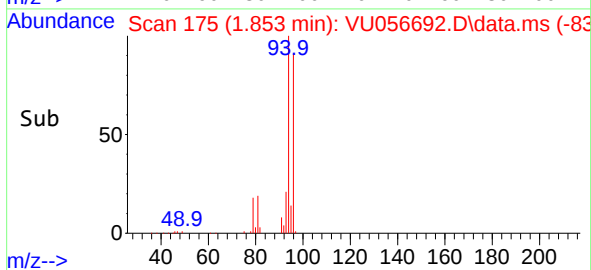
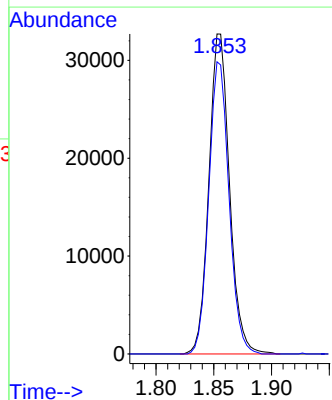
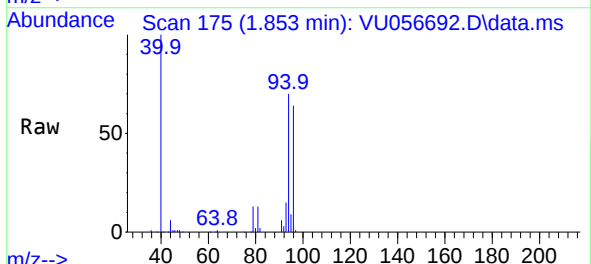
Instrument :
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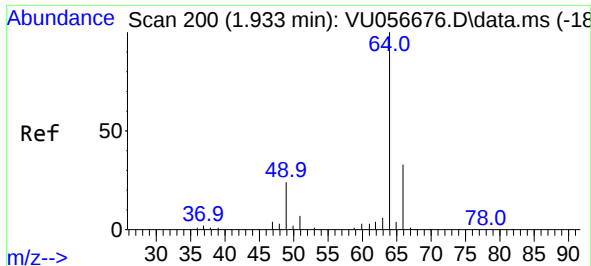
Tgt Ion: 62 Resp: 76603
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.3 43.3



#6
 Bromomethane
 Concen: 4.025 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU056692.D
 Acq: 07 Dec 2023 19:42

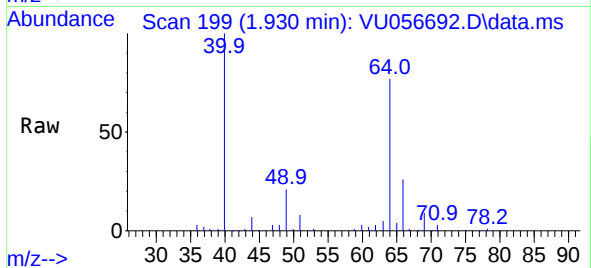
Tgt Ion: 94 Resp: 40652
 Ion Ratio Lower Upper
 94 100
 96 91.3 62.6 116.2



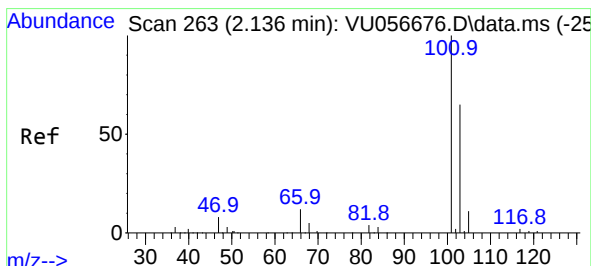
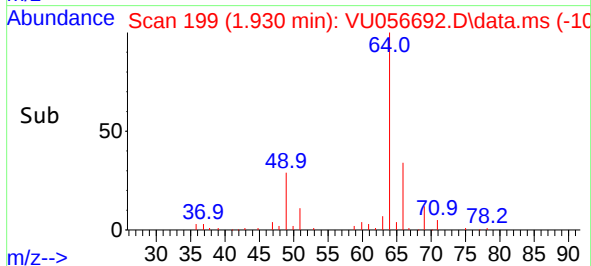
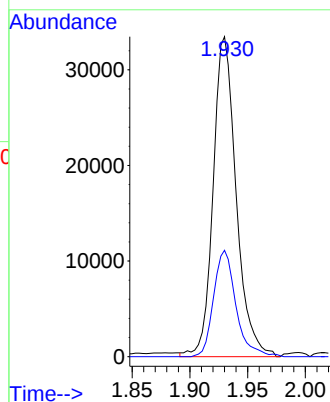


#8
Chloroethane
Concen: 3.807 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :

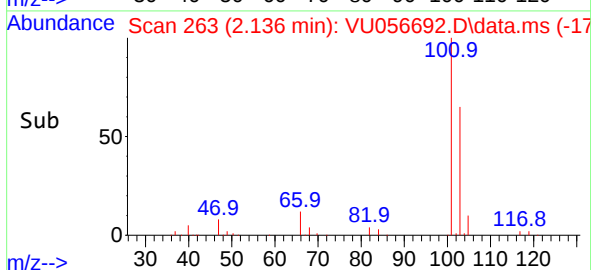
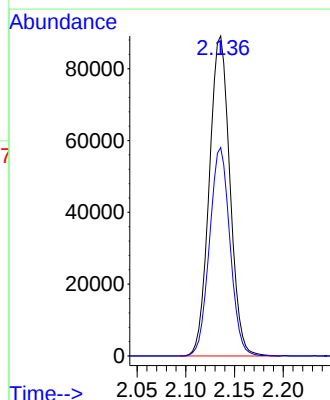
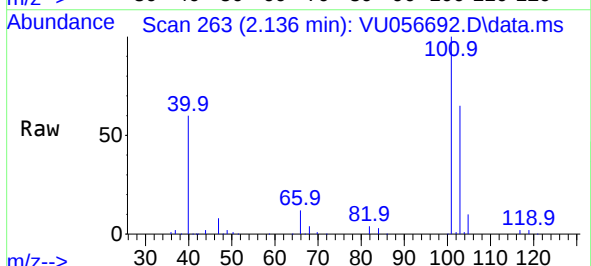


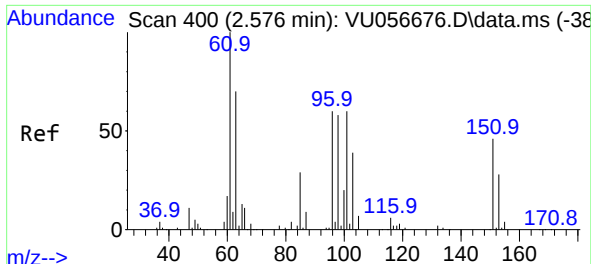
Tgt Ion: 64 Resp: 46405
Ion Ratio Lower Upper
64 100
66 33.3 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.566 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion:101 Resp: 131287
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

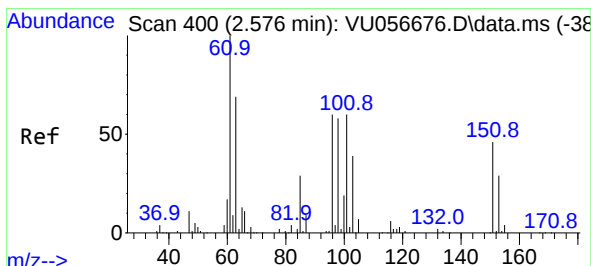
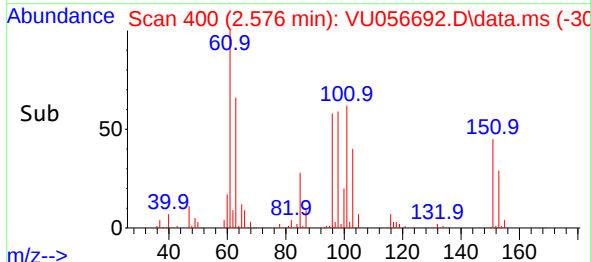
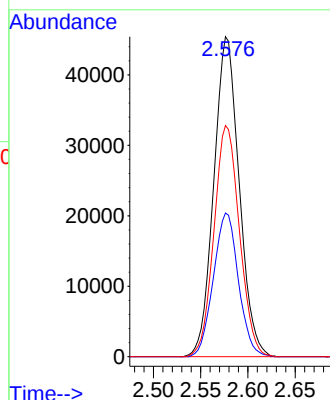
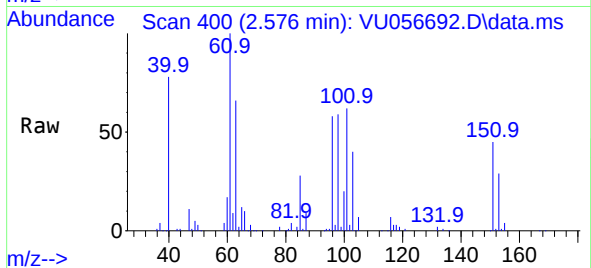




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.962 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056692.D
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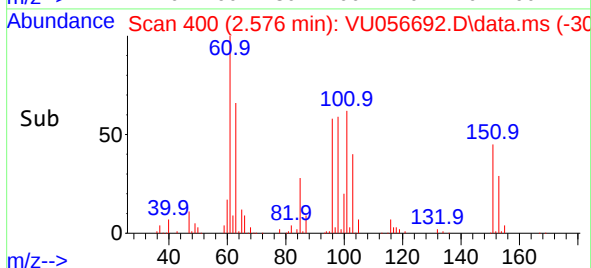
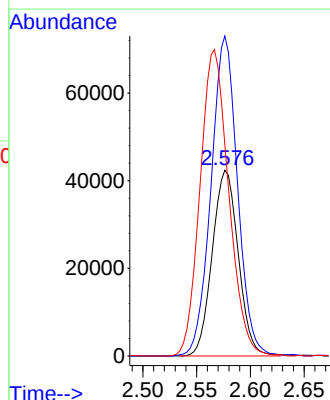
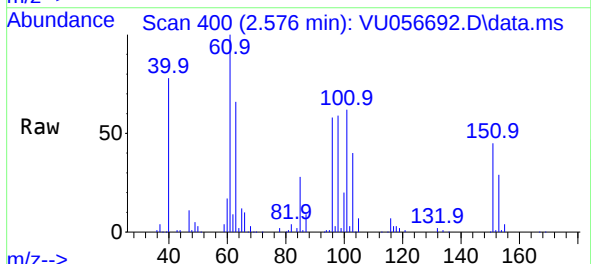
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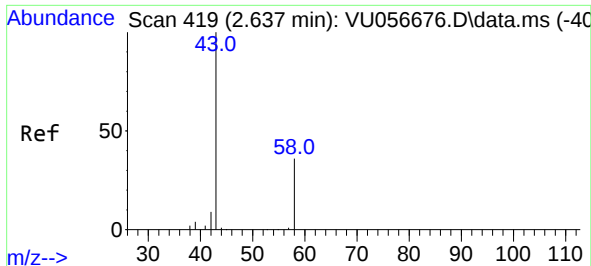
Tgt Ion:101 Resp: 84714
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.0
151 72.6 58.0 87.0



#12
1,1-Dichloroethene
Concen: 4.550 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion: 96 Resp: 71246
Ion Ratio Lower Upper
96 100
61 172.3 123.1 228.7
63 113.8 93.3 173.3

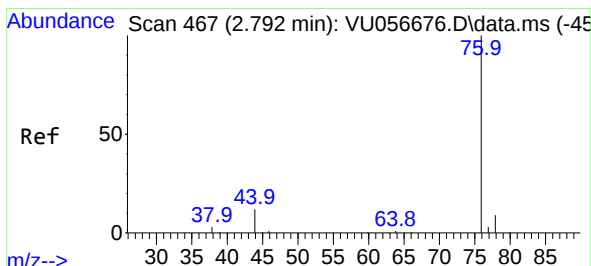
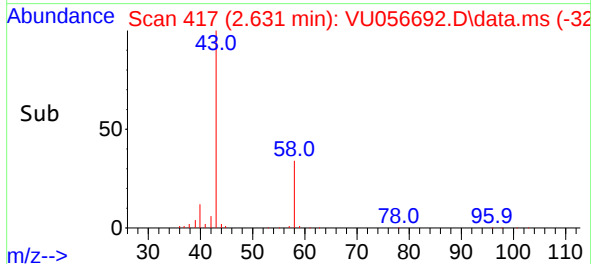
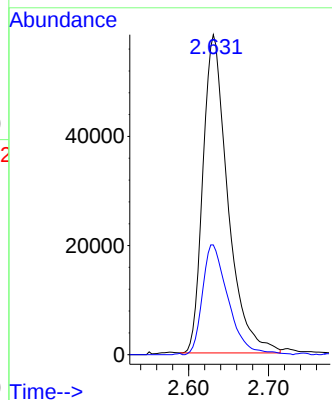
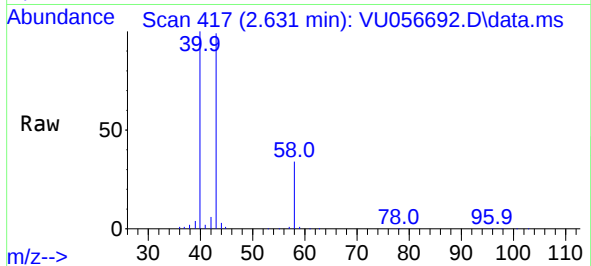




#13
Acetone
Concen: 38.885 ug/L
RT: 2.631 min Scan# 41
Delta R.T. -0.003 min
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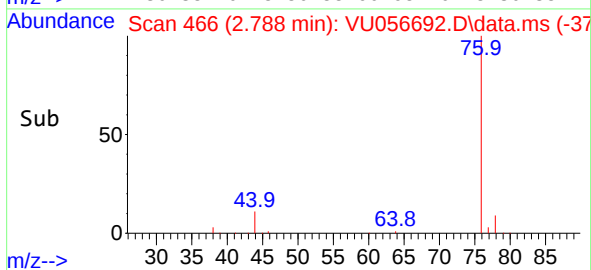
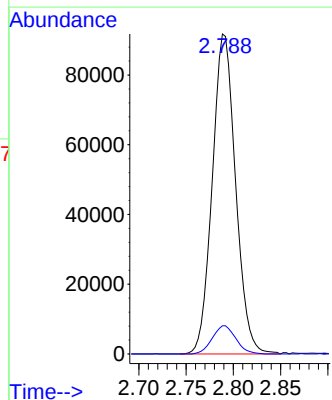
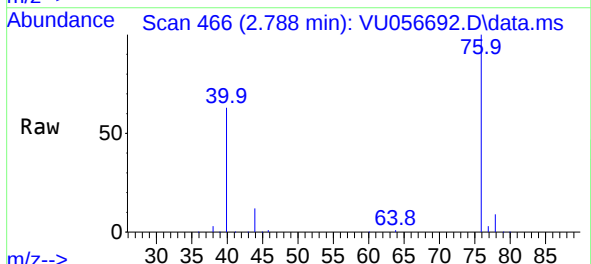
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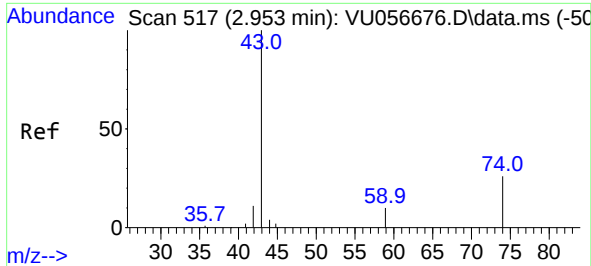
Tgt Ion: 43 Resp: 126348
Ion Ratio Lower Upper
43 100
58 35.7 0.0 70.0



#14
Carbon disulfide
Concen: 3.090 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion: 76 Resp: 157438
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2





#15

Methyl Acetate

Concen: 5.210 ug/L

RT: 2.949 min Scan# 51

Delta R.T. 0.000 min

Lab File: VU056692.D

Acq: 07 Dec 2023 19:42

Instrument :

MSVOA_U

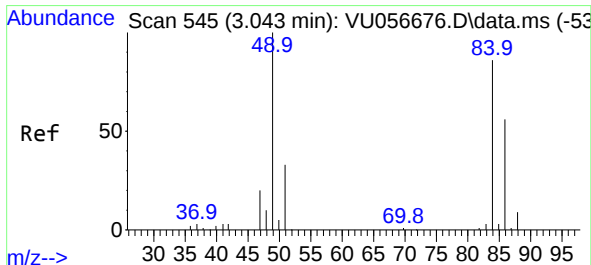
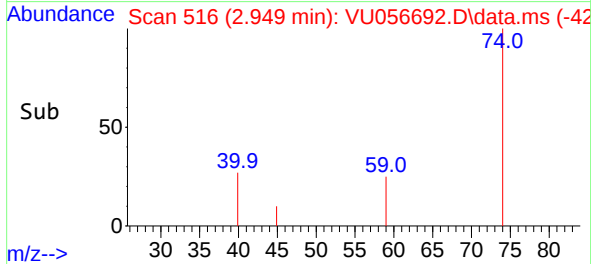
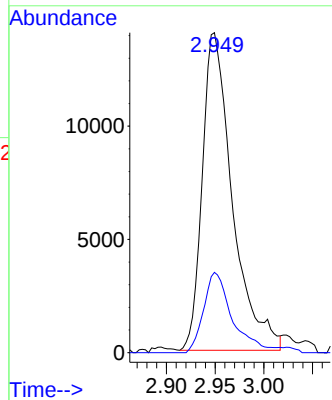
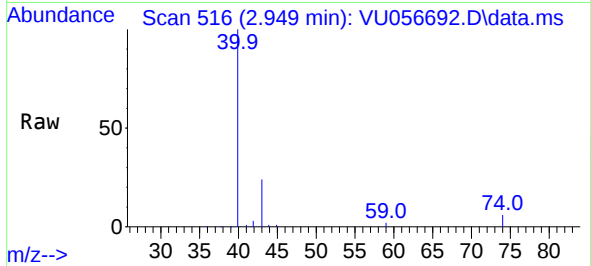
ClientSampleId :

Tgt Ion: 43 Resp: 30128

Ion Ratio Lower Upper

43 100

74 24.2 20.6 31.0



#16

Methylene chloride

Concen: 4.415 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU056692.D

Acq: 07 Dec 2023 19:42

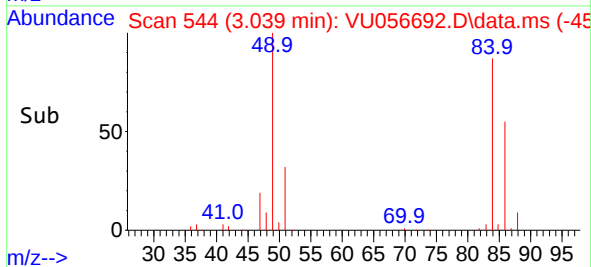
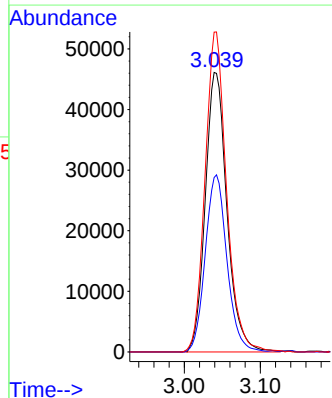
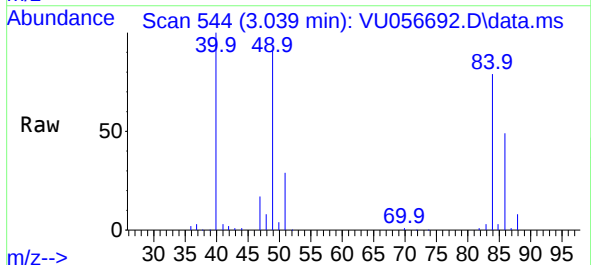
Tgt Ion: 84 Resp: 91480

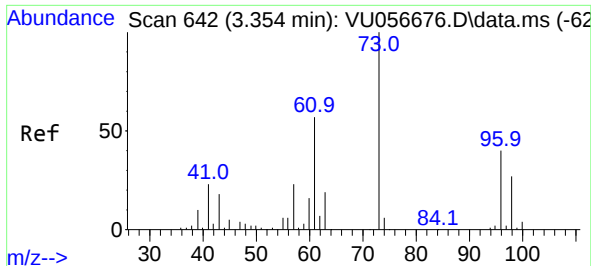
Ion Ratio Lower Upper

84 100

86 62.4 44.7 83.1

49 114.4 81.8 152.0

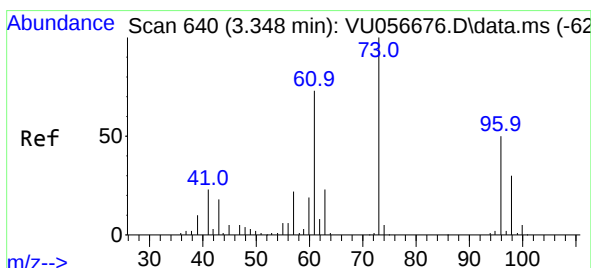
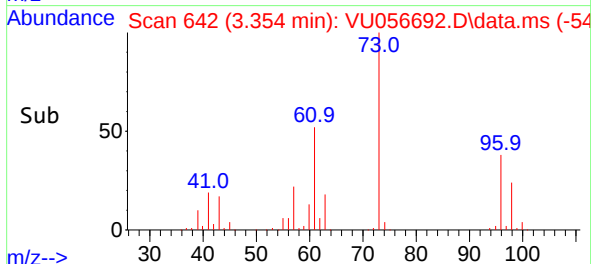
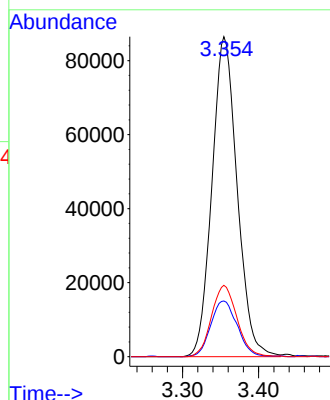
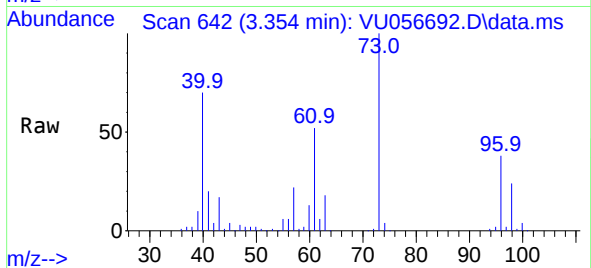




#17
Methyl tert-butyl Ether
Concen: 5.227 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

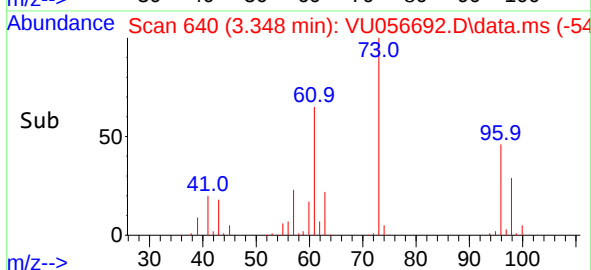
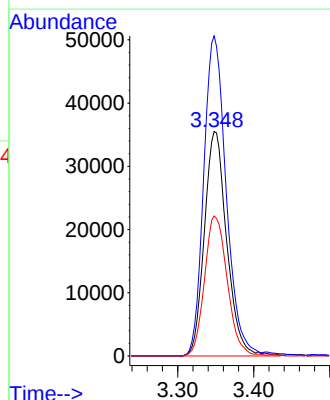
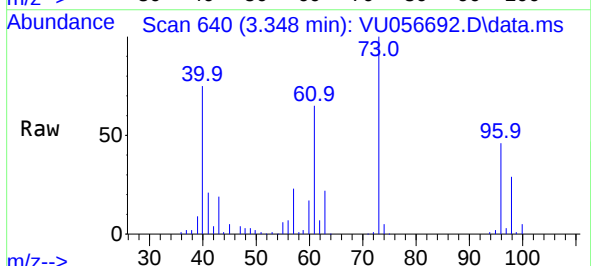
Instrument :
MSVOA_U
ClientSampleId :

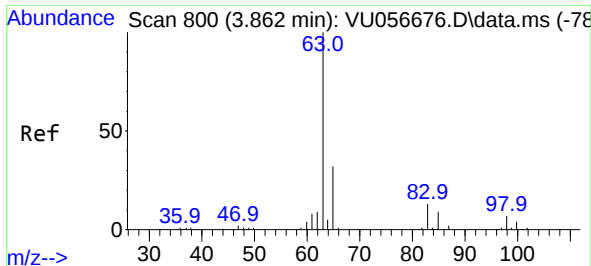
Tgt Ion: 73 Resp: 198844
Ion Ratio Lower Upper
73 100
43 18.4 15.1 22.7
57 22.7 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.507 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

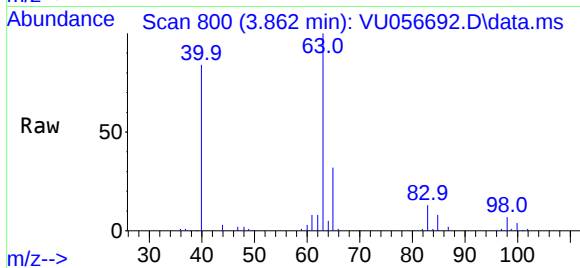
Tgt Ion: 96 Resp: 72608
Ion Ratio Lower Upper
96 100
61 142.5 101.7 188.9
98 62.4 43.0 80.0



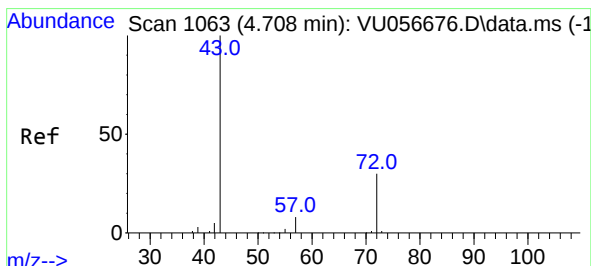
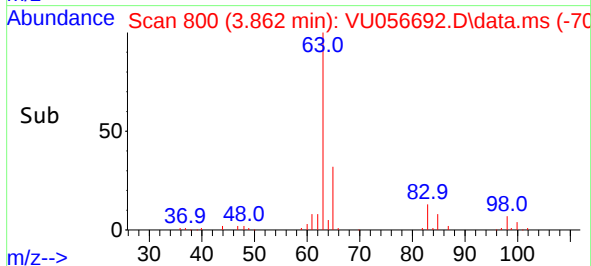
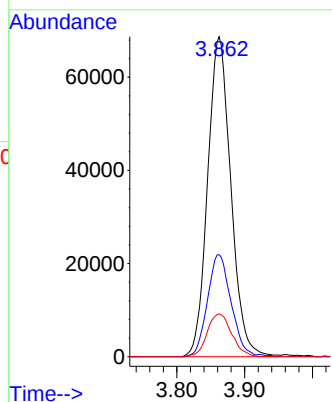


#19
1,1-Dichloroethane
Concen: 5.124 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :

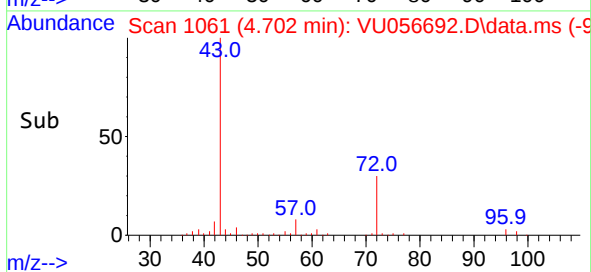
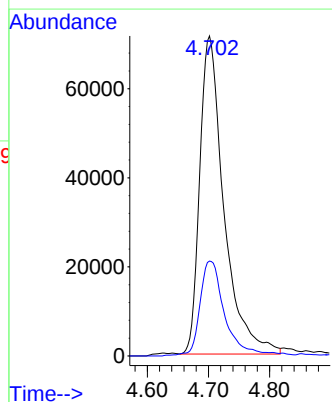
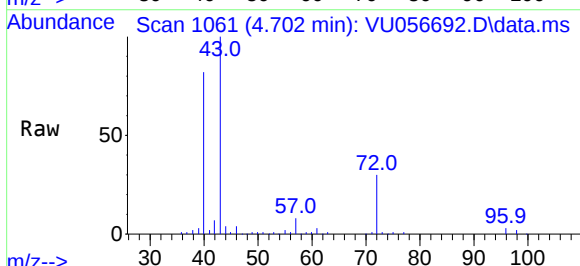


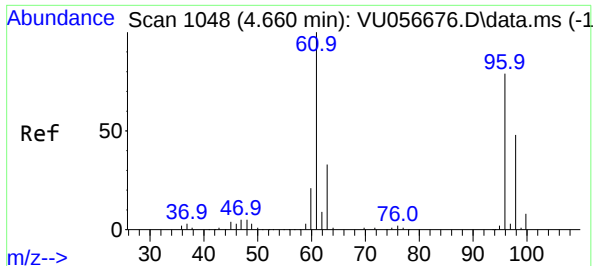
Tgt Ion: 63 Resp: 163517
Ion Ratio Lower Upper
63 100
65 31.9 21.8 40.6
83 13.4 9.7 17.9



#21
2-Butanone
Concen: 46.562 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

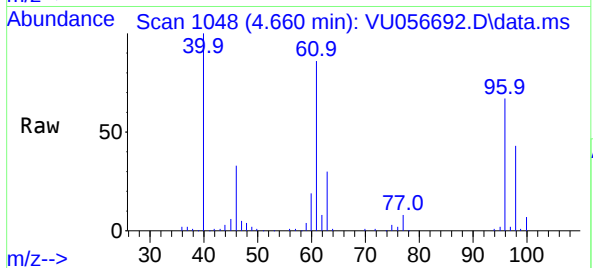
Tgt Ion: 43 Resp: 196317
Ion Ratio Lower Upper
43 100
72 30.6 14.2 42.6



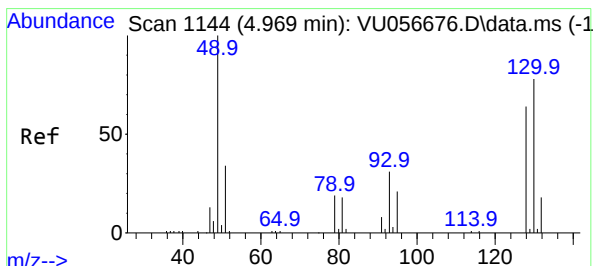
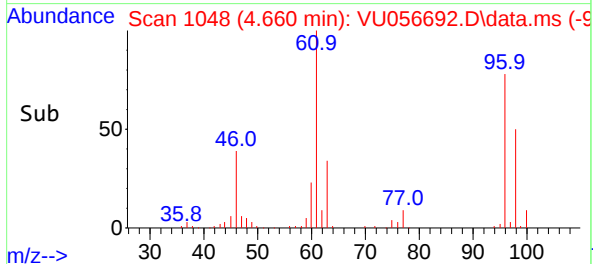
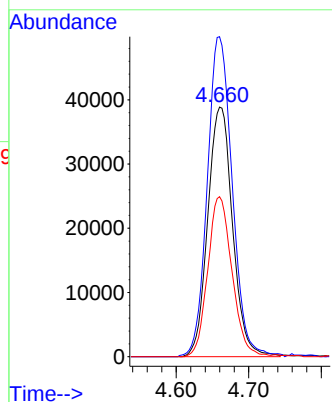


#22
 cis-1,2-Dichloroethene
 Concen: 5.064 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU056692.D
 Acq: 07 Dec 2023 19:42

Instrument :
 MSVOA_U
 ClientSampleId :

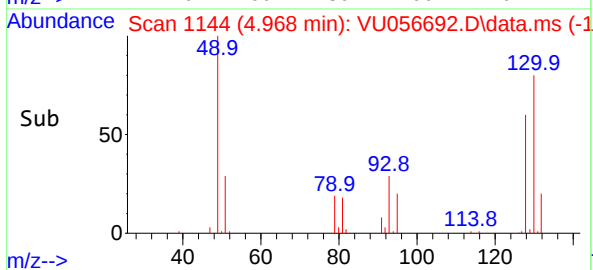
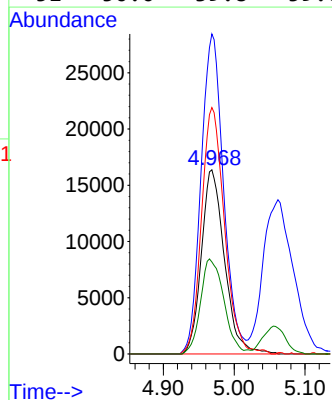
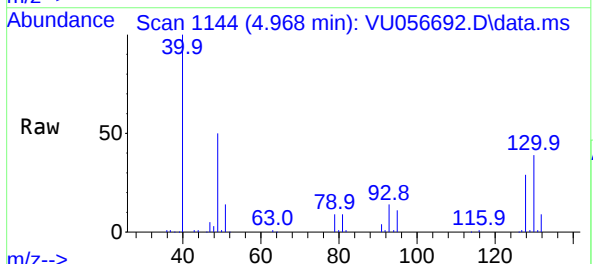


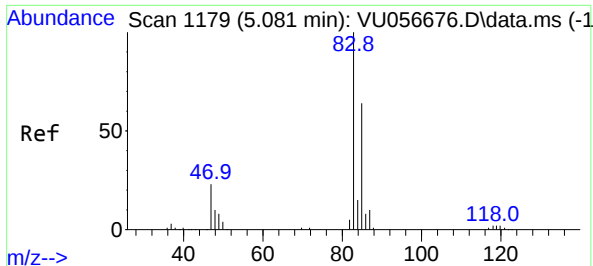
Tgt Ion: 96 Resp: 92531
 Ion Ratio Lower Upper
 96 100
 61 128.2 93.2 173.2
 98 64.1 44.8 83.2



#23
 Bromochloromethane
 Concen: 4.929 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056692.D
 Acq: 07 Dec 2023 19:42

Tgt Ion:128 Resp: 37066
 Ion Ratio Lower Upper
 128 100
 49 173.8 113.4 210.6
 130 133.9 84.8 157.6
 51 50.0 39.8 59.6

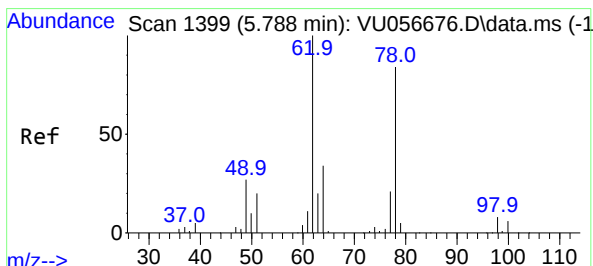
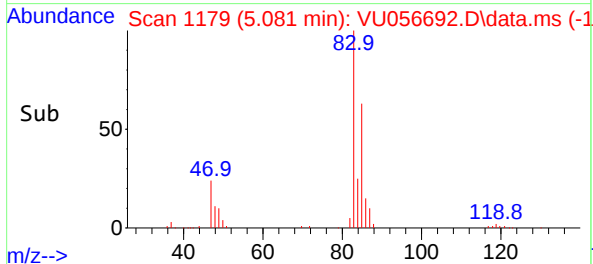
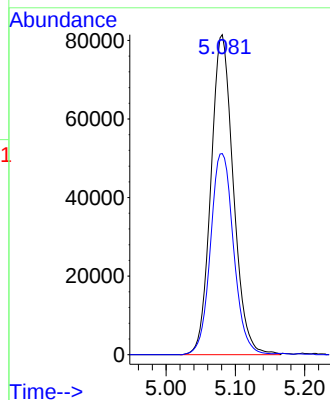
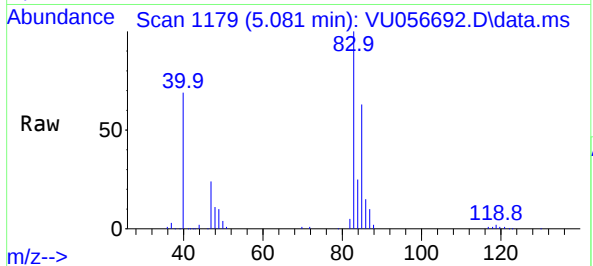




#25
Chloroform
Concen: 5.298 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

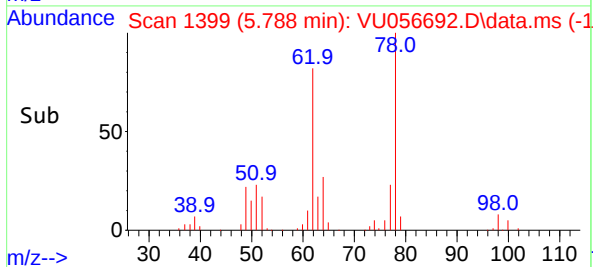
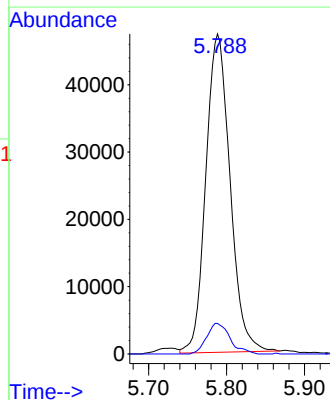
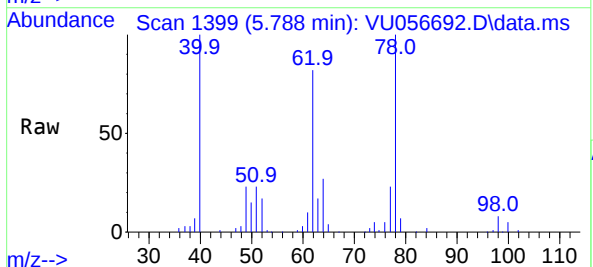
Instrument :
MSVOA_U
ClientSampleId :

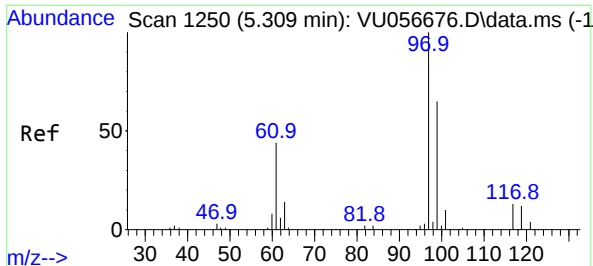
Tgt Ion: 83 Resp: 183197
Ion Ratio Lower Upper
83 100
85 62.8 47.0 87.2



#27
1,2-Dichloroethane
Concen: 5.202 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion: 62 Resp: 102119
Ion Ratio Lower Upper
62 100
98 9.5 6.6 10.0

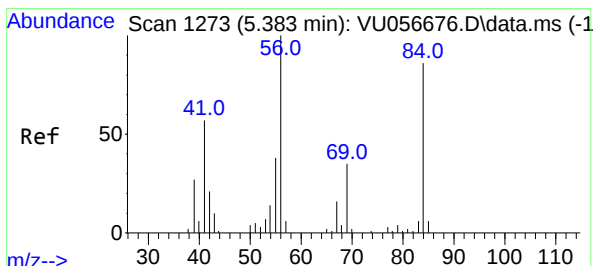
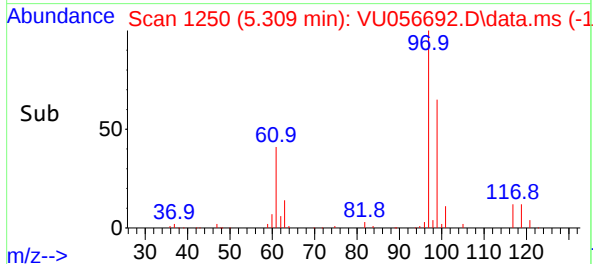
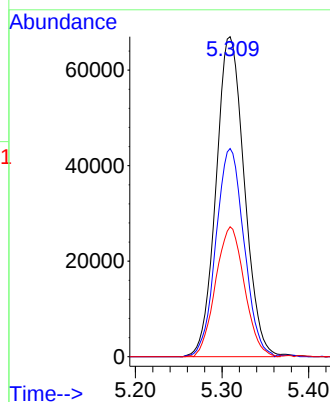
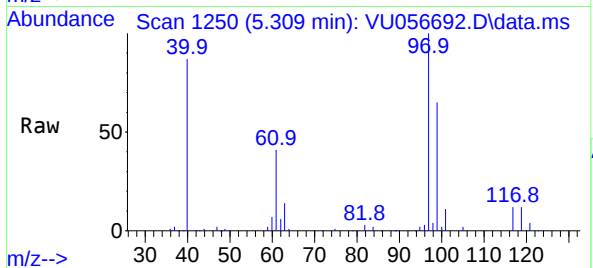




#29
1,1,1-Trichloroethane
Concen: 5.146 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

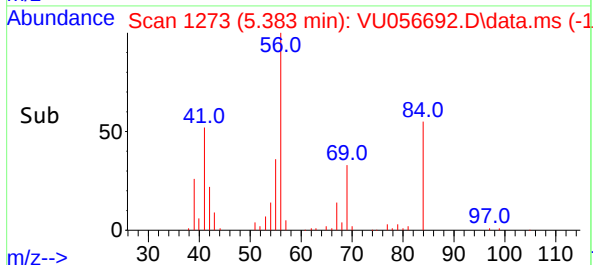
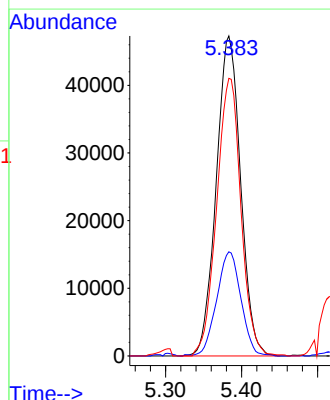
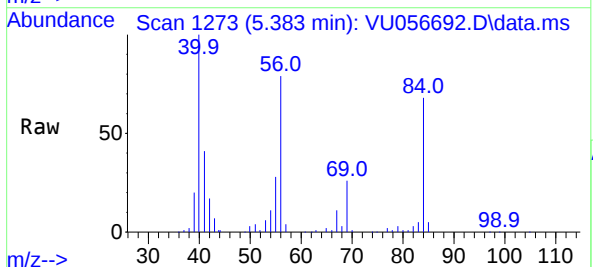
Instrument :
MSVOA_U
ClientSampleId :

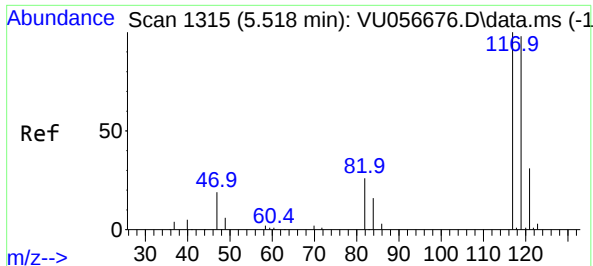
Tgt Ion: 97 Resp: 152123
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 41.4 34.3 51.5



#30
Cyclohexane
Concen: 3.750 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

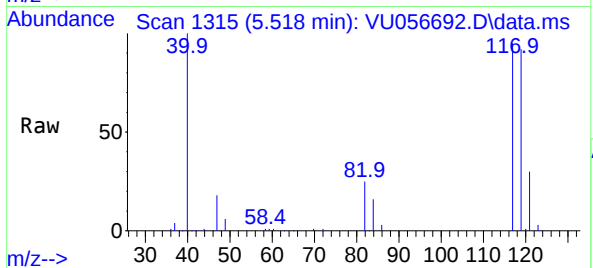
Tgt Ion: 56 Resp: 105217
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.2
84 86.6 68.6 103.0



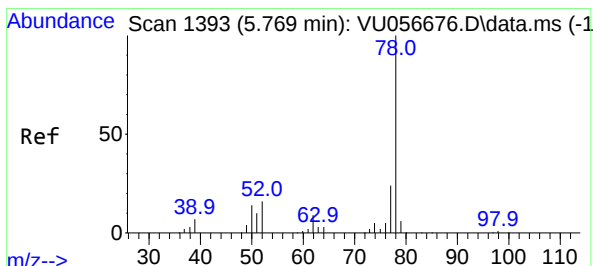
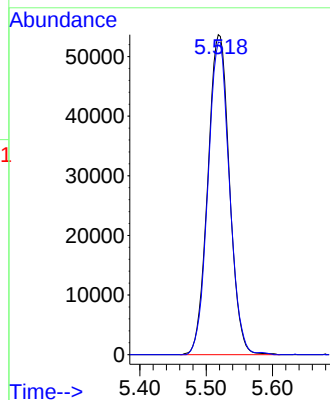
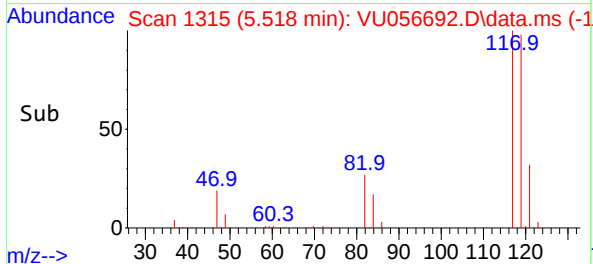


#31
Carbon tetrachloride
Concen: 4.791 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :

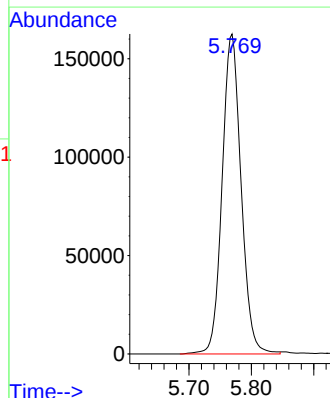
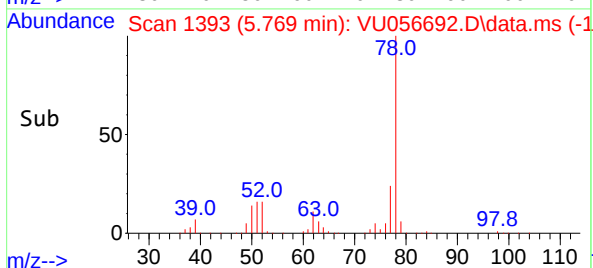
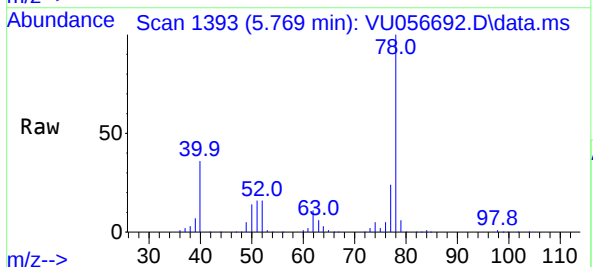


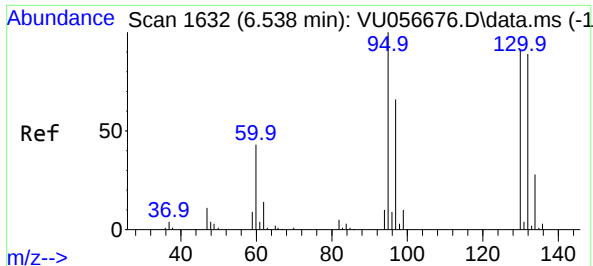
Tgt Ion:117 Resp: 121646
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1



#33
Benzene
Concen: 4.662 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

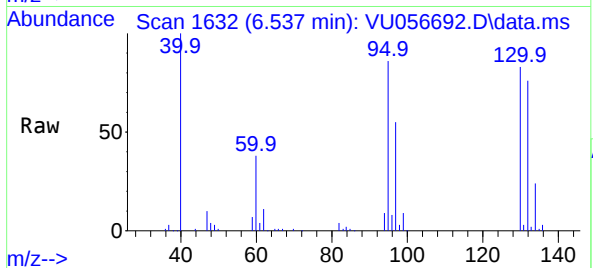
Tgt Ion: 78 Resp: 342592



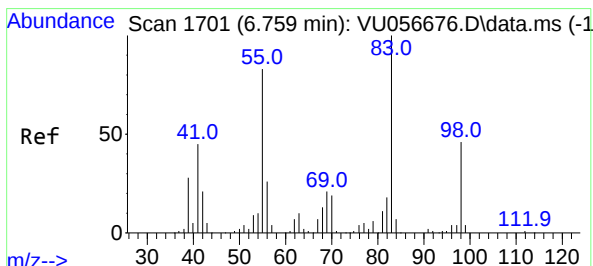
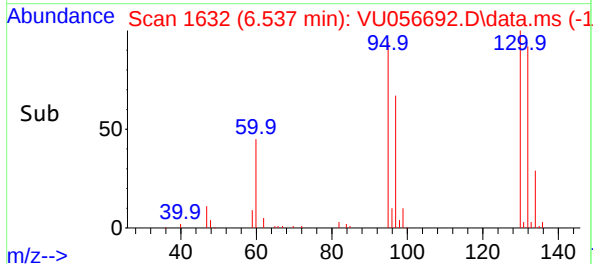
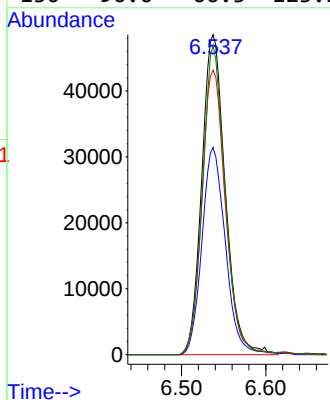


#34
Trichloroethene
Concen: 4.712 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :

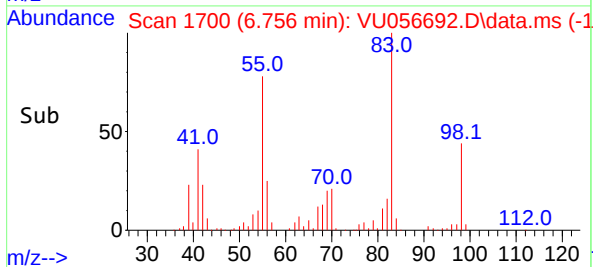
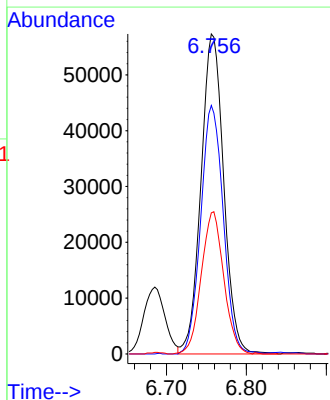
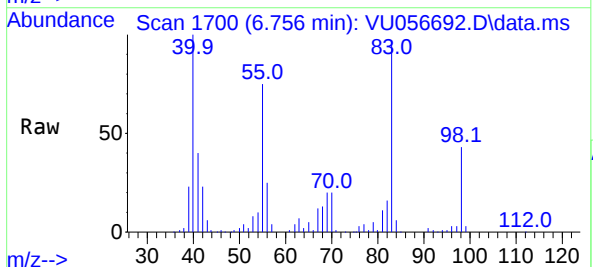


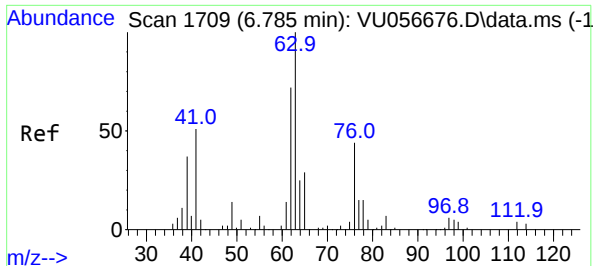
Tgt Ion: 95 Resp: 94339
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.3
132 88.9 62.0 115.2
130 96.6 66.3 123.1



#35
Methylcyclohexane
Concen: 3.929 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion: 83 Resp: 113572
Ion Ratio Lower Upper
83 100
55 76.9 62.9 94.3
98 43.9 35.3 52.9

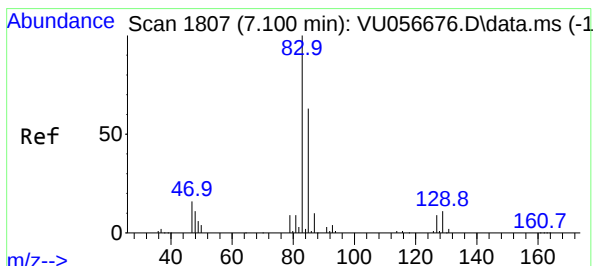
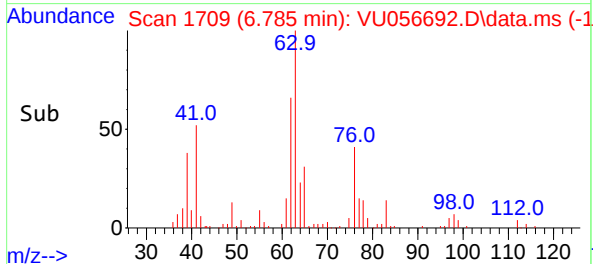
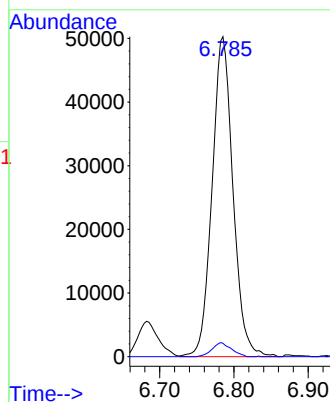
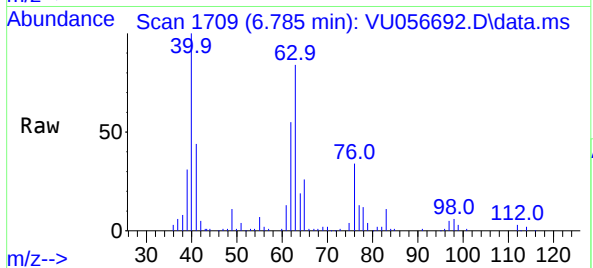




#37
1,2-Dichloropropane
Concen: 5.129 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

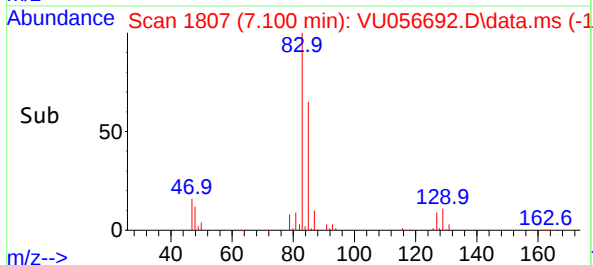
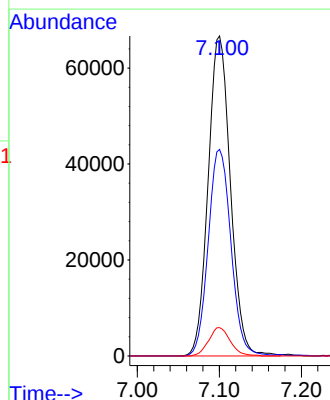
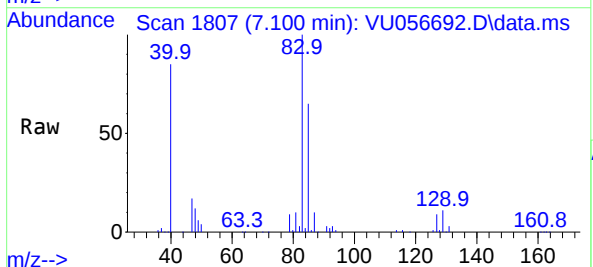
Instrument :
MSVOA_U
ClientSampleId :

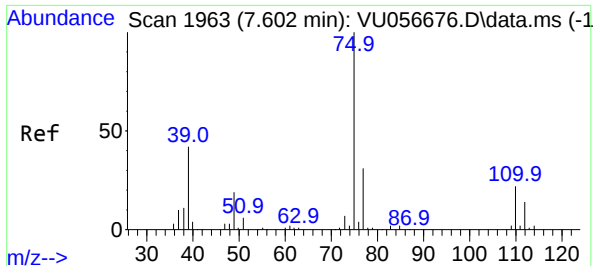
Tgt Ion: 63 Resp: 98280
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8



#38
Bromodichloromethane
Concen: 5.094 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion: 83 Resp: 126025
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5
127 8.9 6.9 10.3

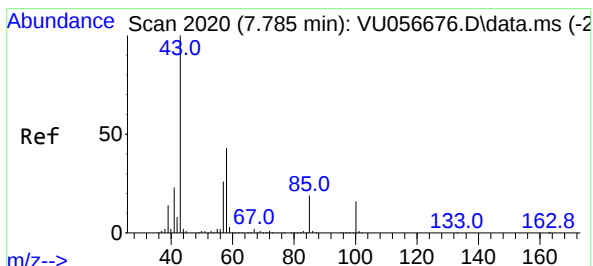
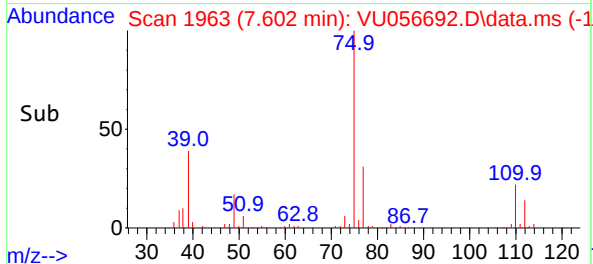
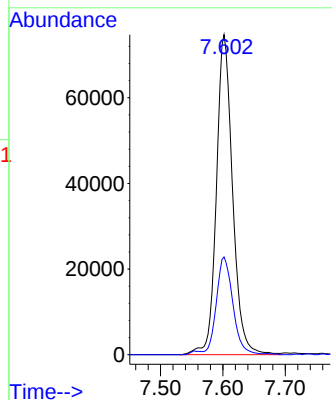
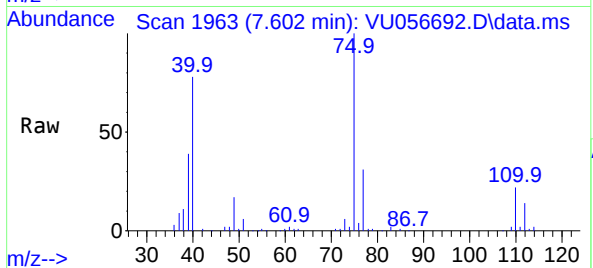




#39
 cis-1,3-Dichloropropene
 Concen: 4.792 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU056692.D
 Acq: 07 Dec 2023 19:42

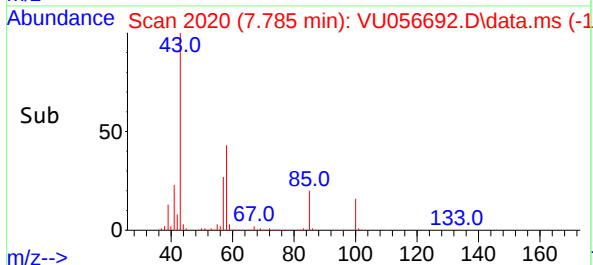
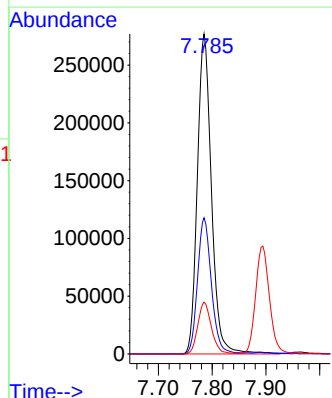
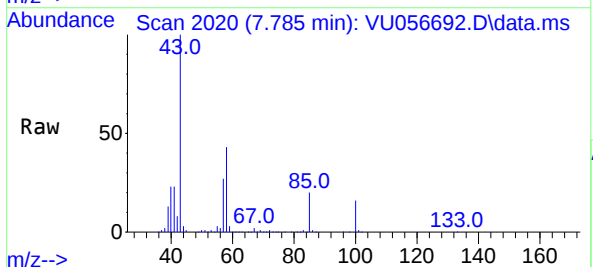
Instrument :
 MSVOA_U
 ClientSampleId :

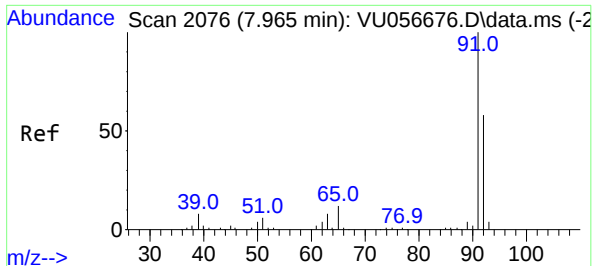
Tgt Ion: 75 Resp: 134944
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 53.128 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU056692.D
 Acq: 07 Dec 2023 19:42

Tgt Ion: 43 Resp: 504668
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.8 50.8
 100 15.7 13.0 19.4

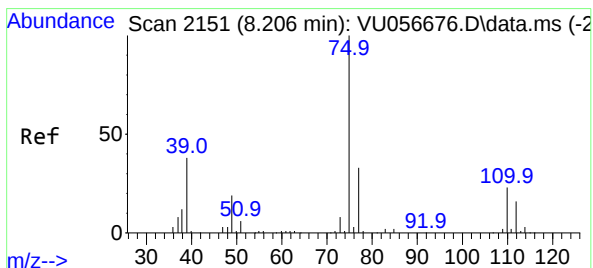
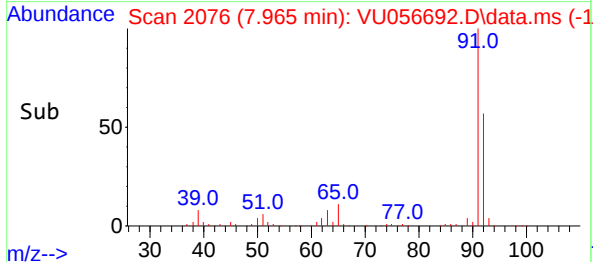
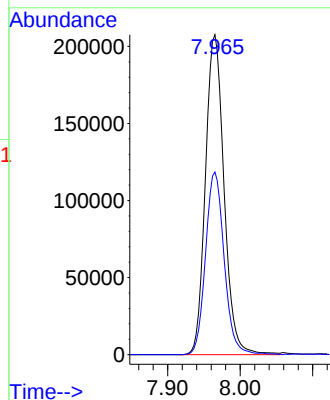
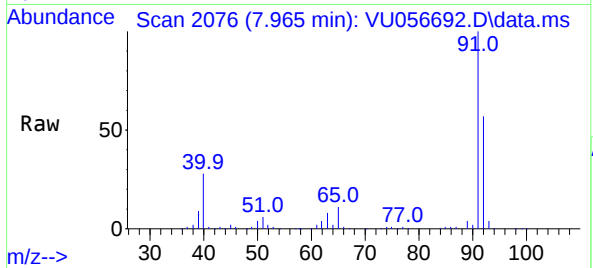




#42
Toluene
Concen: 4.878 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

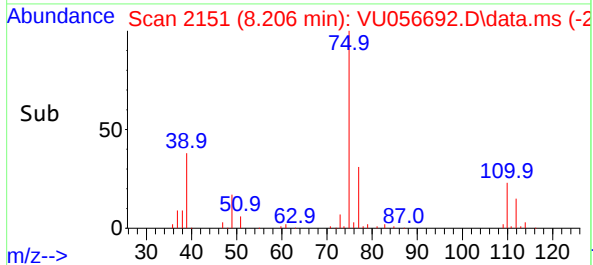
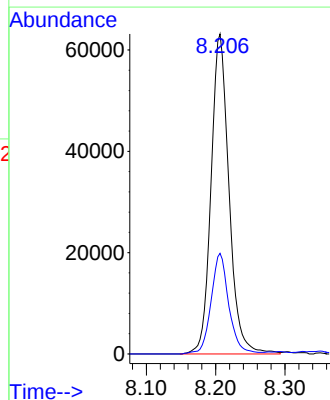
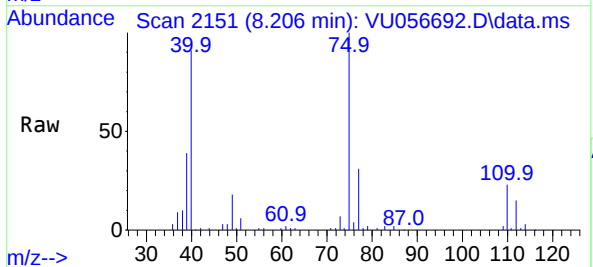
Instrument :
MSVOA_U
ClientSampleId :

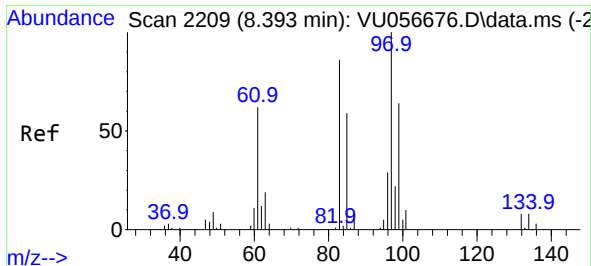
Tgt Ion: 91 Resp: 371080
Ion Ratio Lower Upper
91 100
92 57.1 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.059 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

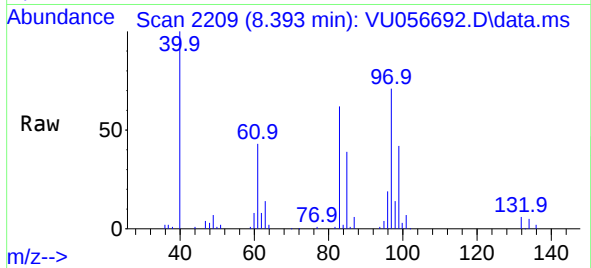
Tgt Ion: 75 Resp: 113563
Ion Ratio Lower Upper
75 100
77 31.4 22.8 42.4



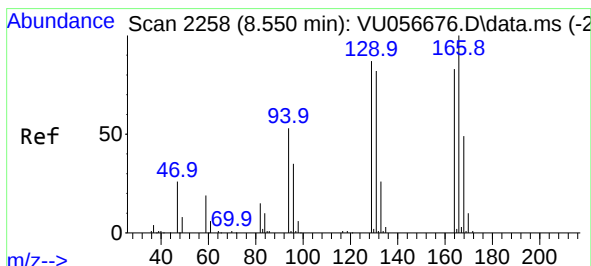
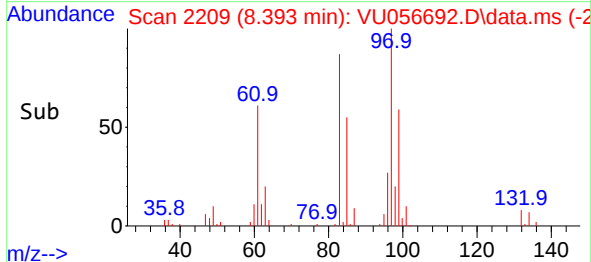
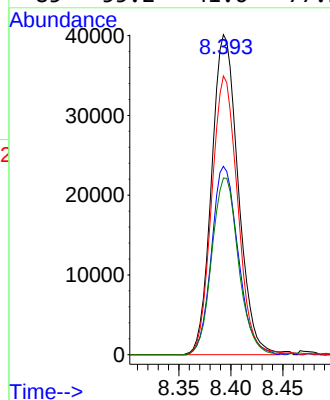


#45
1,1,2-Trichloroethane
Concen: 5.592 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :

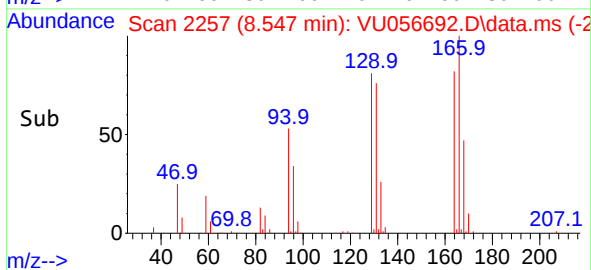
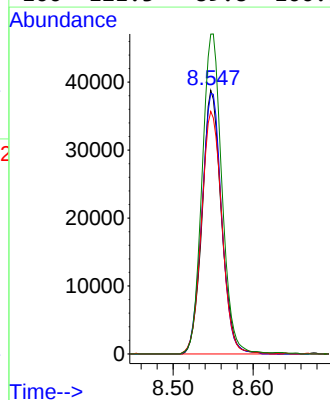
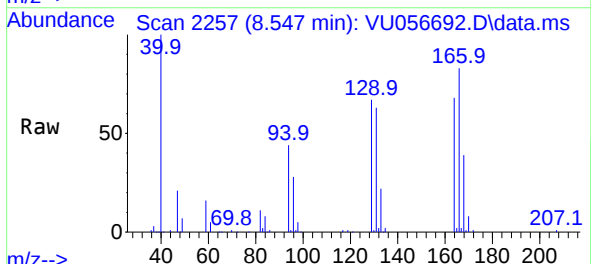


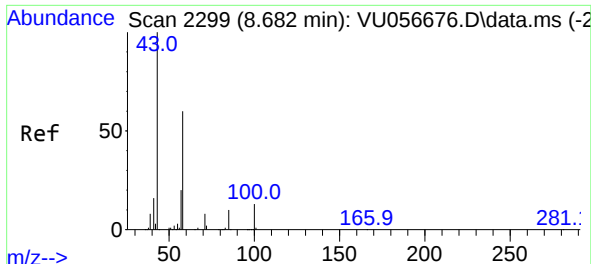
Tgt Ion:	97	Resp:	71370
Ion	Ratio	Lower	Upper
97	100		
99	58.9	44.3	82.3
83	87.1	65.4	121.4
85	55.2	41.6	77.3



#47
Tetrachloroethene
Concen: 4.805 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

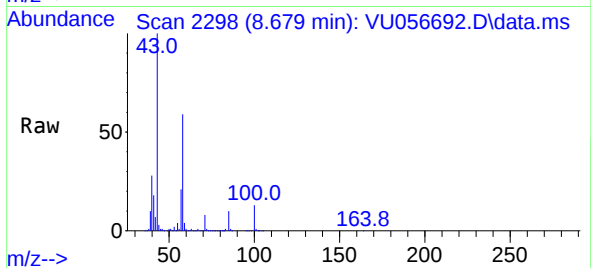
Tgt Ion:	164	Resp:	64876
Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.0	131.9
131	92.0	70.3	130.7
166	121.3	89.8	166.8



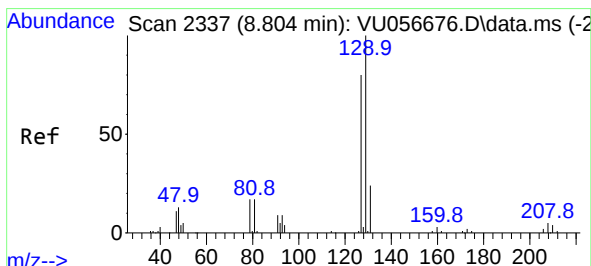
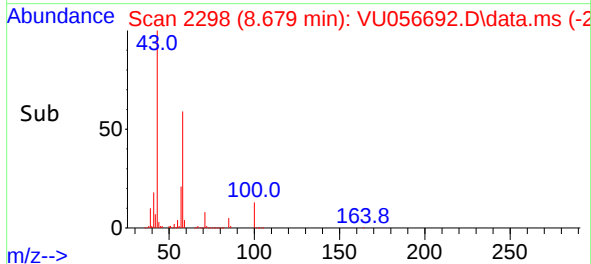
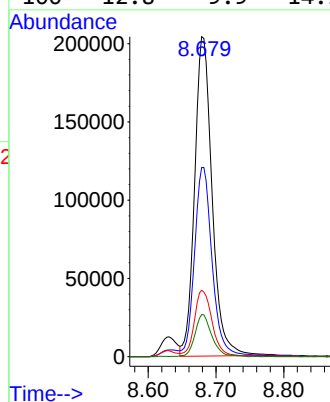


#48
2-Hexanone
Concen: 49.561 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :

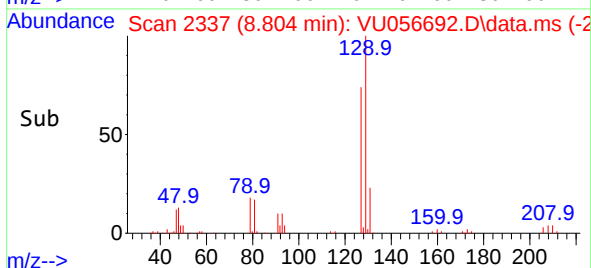
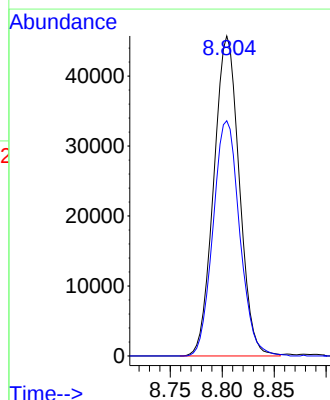
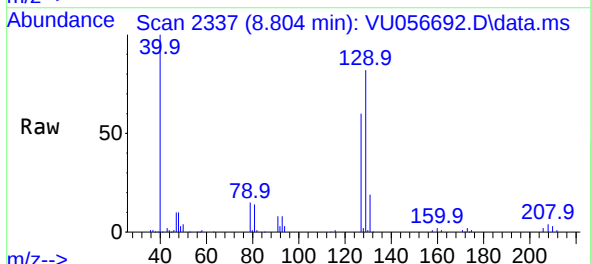


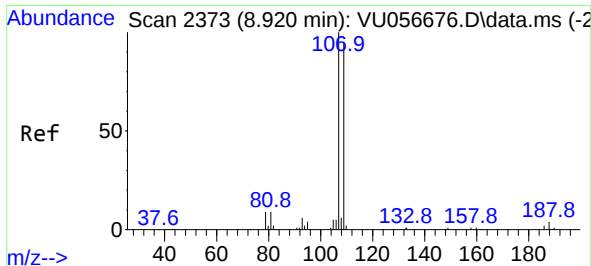
Tgt Ion: 43 Resp: 366763
Ion Ratio Lower Upper
43 100
58 59.7 48.7 73.1
57 20.8 16.8 25.2
100 12.8 9.9 14.9



#49
Dibromochloromethane
Concen: 5.377 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

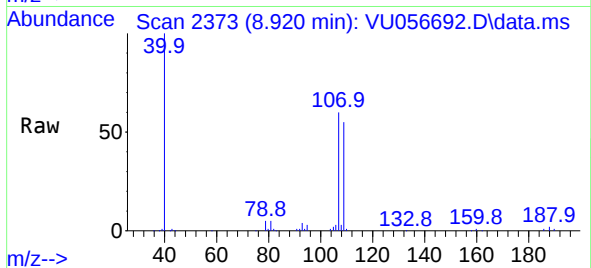
Tgt Ion: 129 Resp: 78028
Ion Ratio Lower Upper
129 100
127 73.5 52.9 98.3



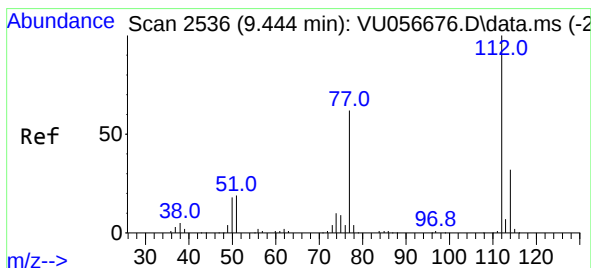
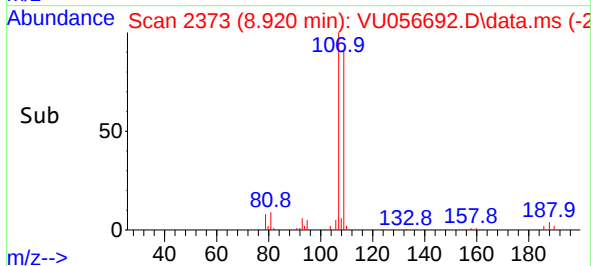
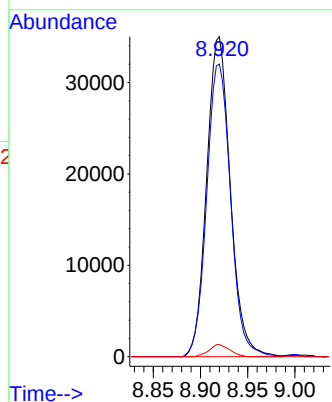


#50
1,2-Dibromoethane
Concen: 5.065 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :

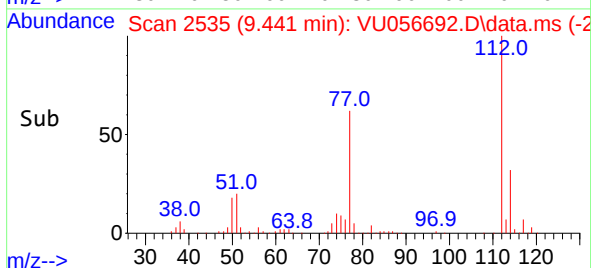
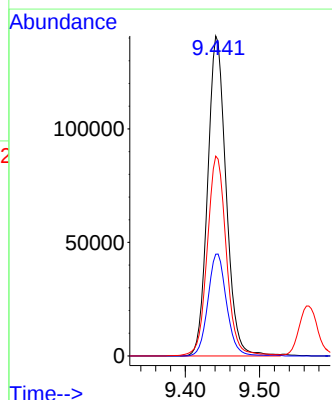
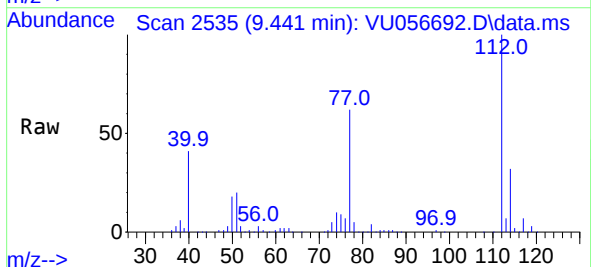


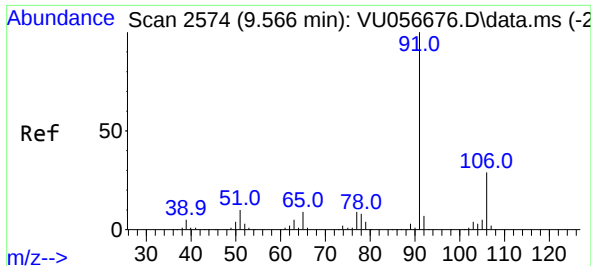
Tgt Ion:107 Resp: 61023
Ion Ratio Lower Upper
107 100
109 91.4 64.2 119.2
188 3.8 2.6 4.0



#51
Chlorobenzene
Concen: 4.967 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion:112 Resp: 242794
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 62.5 51.7 77.5

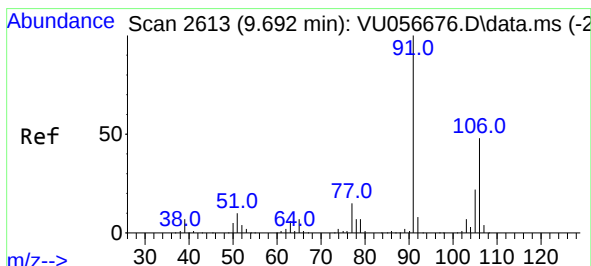
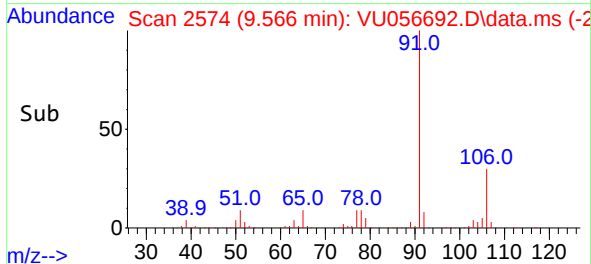
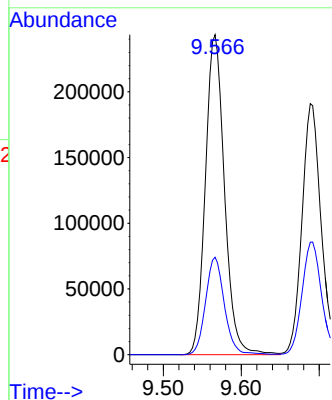
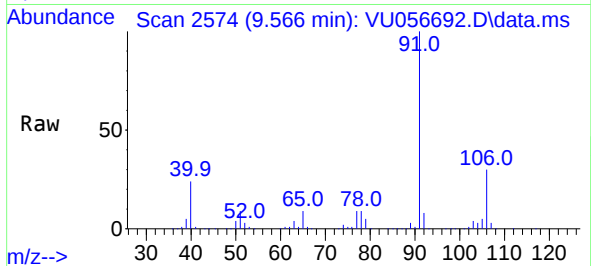




#52
Ethylbenzene
Concen: 4.896 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

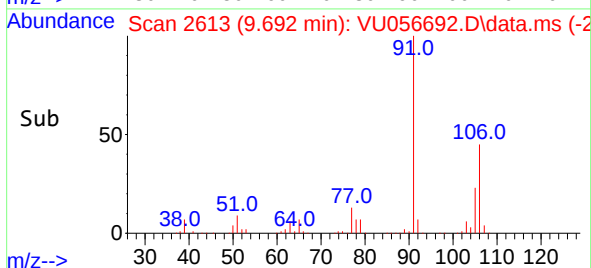
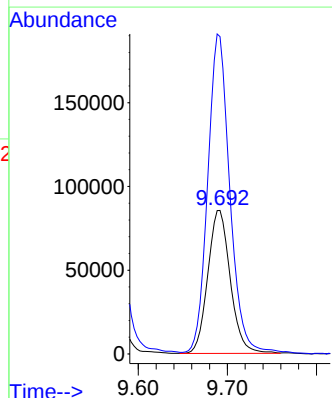
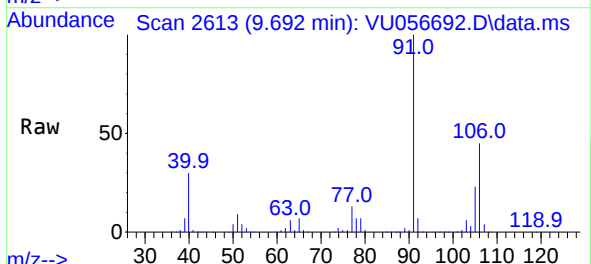
Instrument :
MSVOA_U
ClientSampleId :

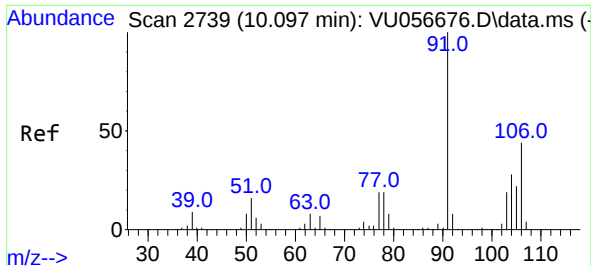
Tgt Ion: 91 Resp: 413633
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1



#53
m,p-Xylene
Concen: 4.815 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion: 106 Resp: 149533
Ion Ratio Lower Upper
106 100
91 221.1 149.6 277.8

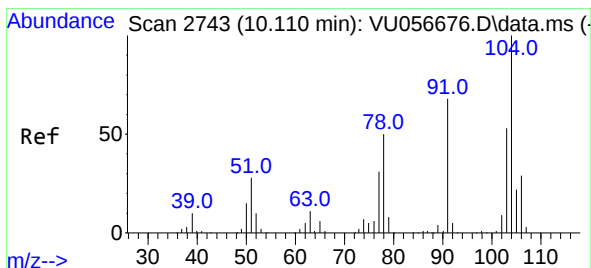
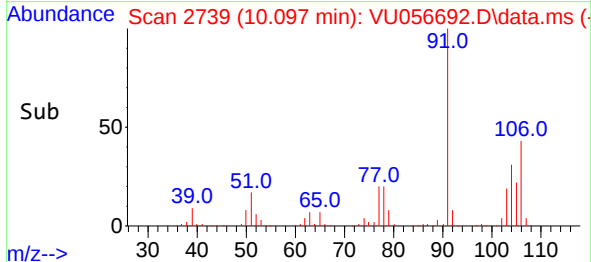
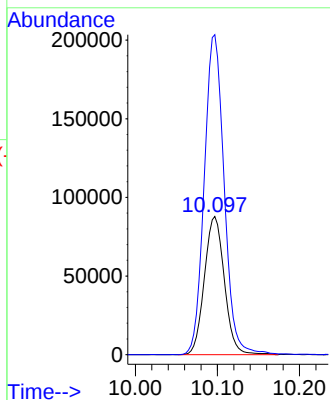
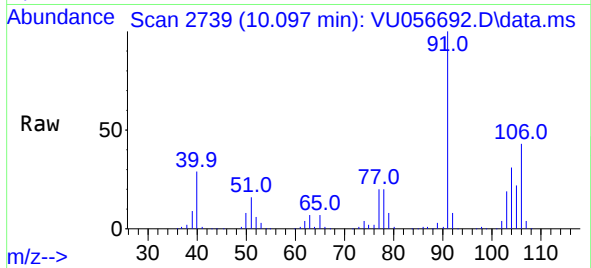




#54
o-Xylene
Concen: 4.936 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

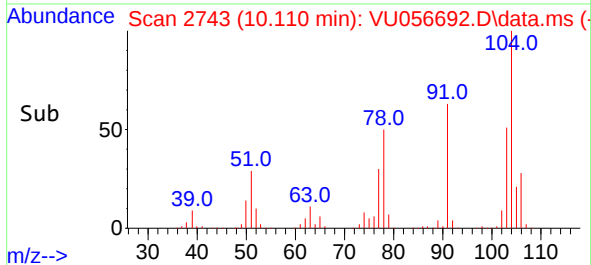
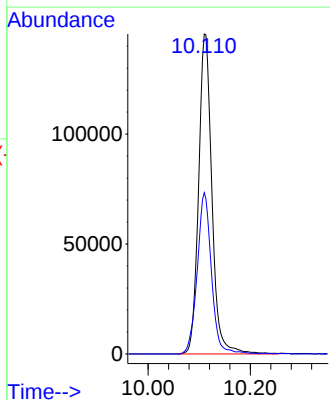
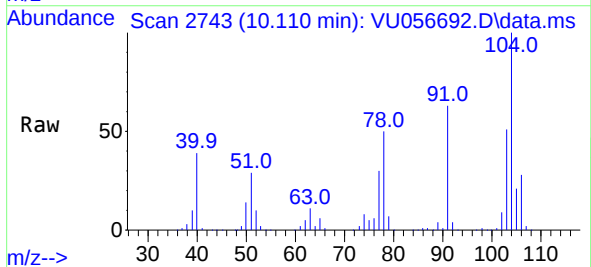
Instrument :
MSVOA_U
ClientSampleId :

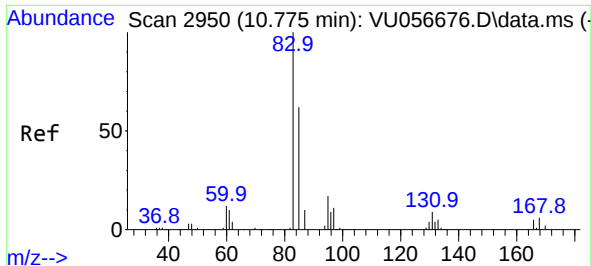
Tgt Ion:106 Resp: 148914
Ion Ratio Lower Upper
106 100
91 231.6 159.3 295.9



#55
Styrene
Concen: 5.252 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion:104 Resp: 263553
Ion Ratio Lower Upper
104 100
78 50.4 34.2 63.6

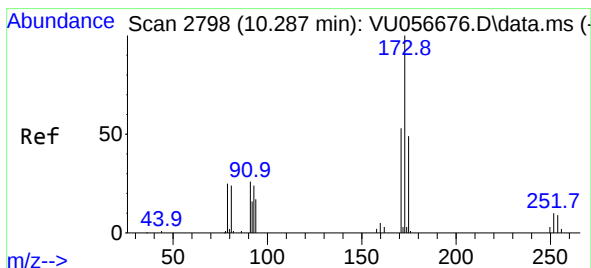
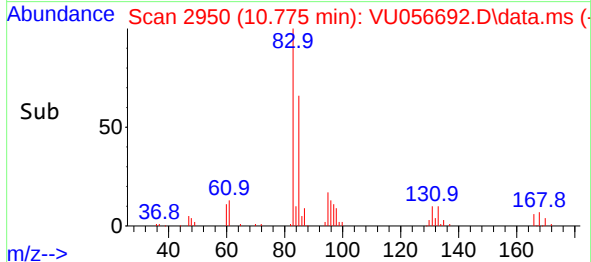
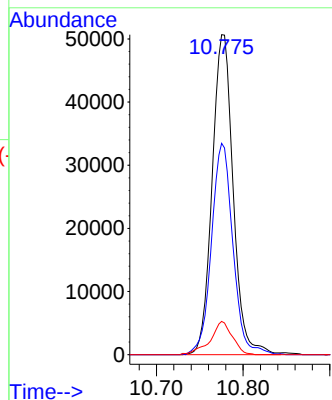
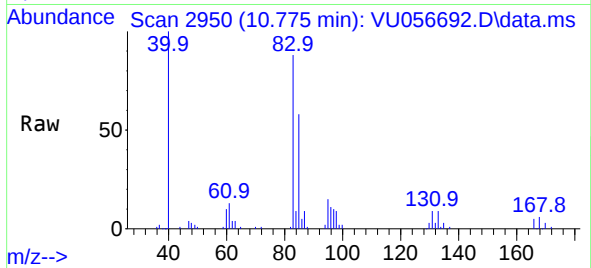




#57
1,1,2,2-Tetrachloroethane
Concen: 5.495 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

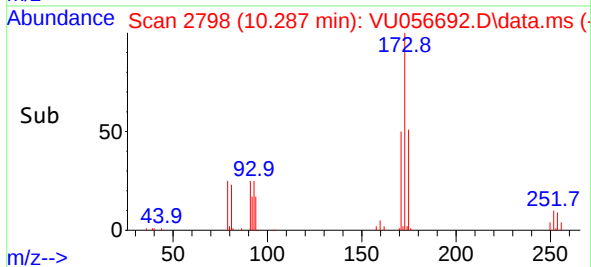
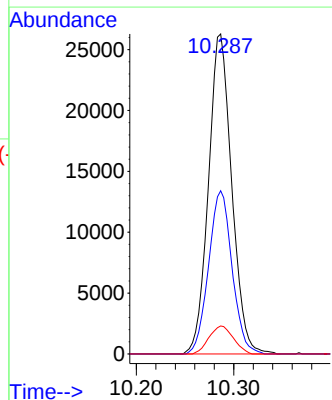
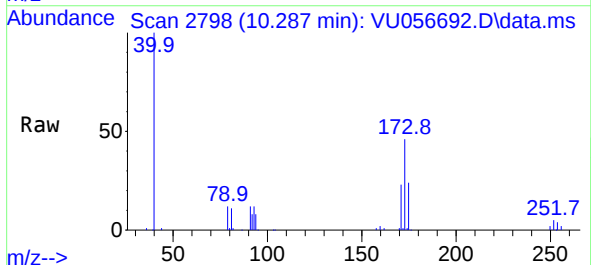
Instrument :
MSVOA_U
ClientSampleId :

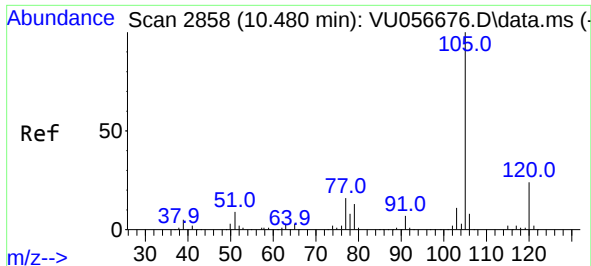
Tgt Ion: 83 Resp: 85629
Ion Ratio Lower Upper
83 100
85 66.1 46.3 86.1
131 10.4 6.7 10.1#



#59
Bromoform
Concen: 5.304 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

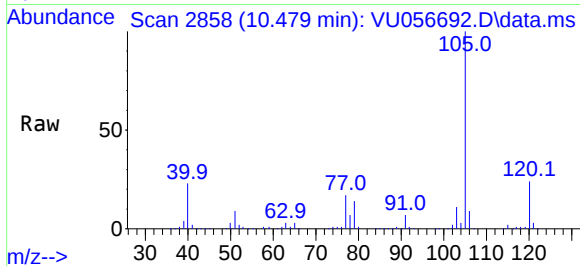
Tgt Ion:173 Resp: 43579
Ion Ratio Lower Upper
173 100
175 51.4 38.9 58.3
254 9.1 6.7 10.1



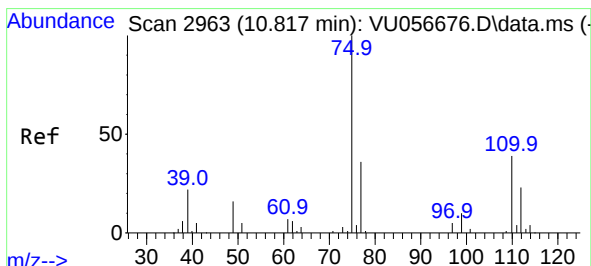
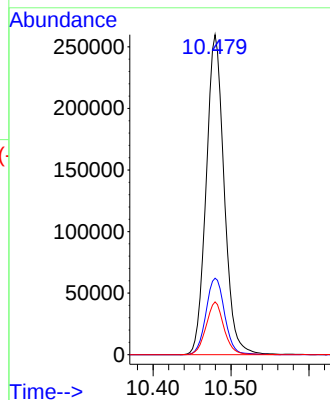
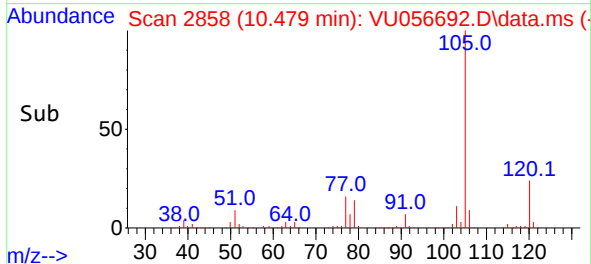


#60
Isopropylbenzene
Concen: 4.902 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

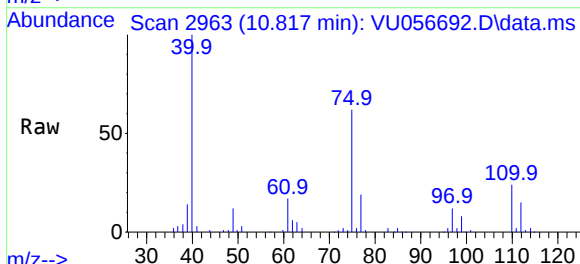
Instrument :
MSVOA_U
ClientSampleId :



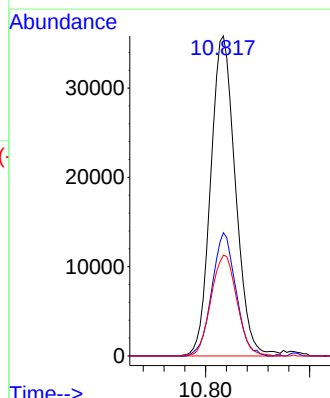
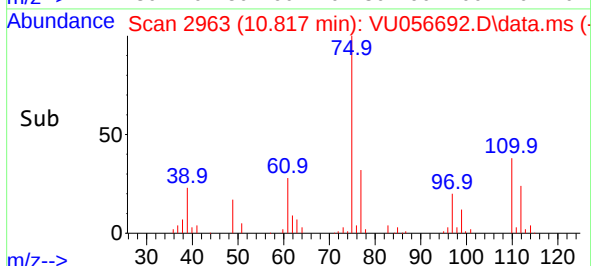
Tgt Ion:105 Resp: 416978
Ion Ratio Lower Upper
105 100
120 24.9 20.4 30.6
77 16.3 13.3 19.9

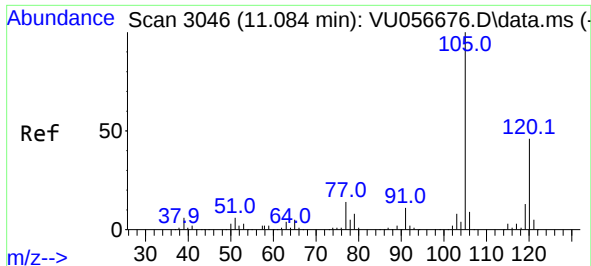


#61
1,2,3-Trichloropropane
Concen: 5.241 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42



Tgt Ion: 75 Resp: 59309
Ion Ratio Lower Upper
75 100
110 37.1 30.4 45.6
77 33.0 27.0 40.6

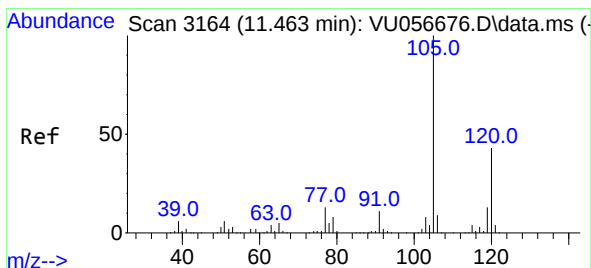
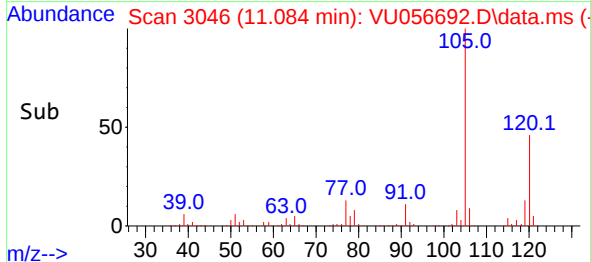
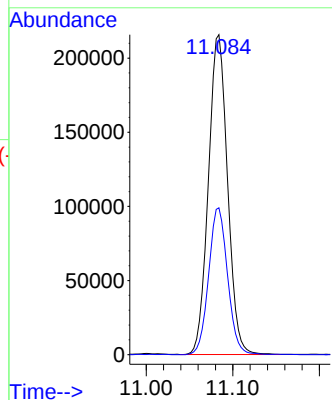
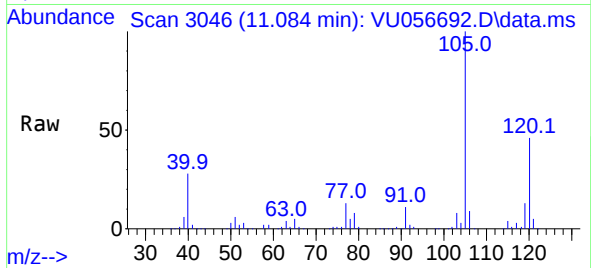




#62
1,3,5-Trimethylbenzene
Concen: 4.740 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

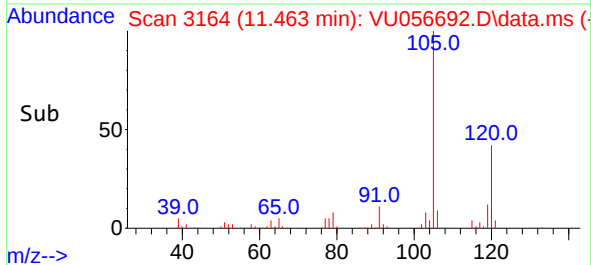
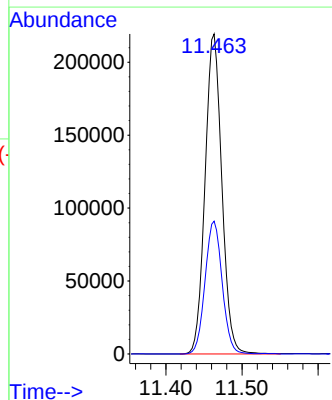
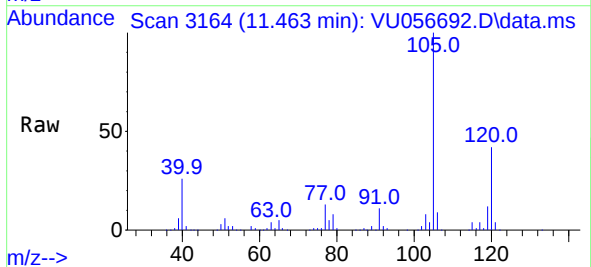
Instrument :
MSVOA_U
ClientSampleId :

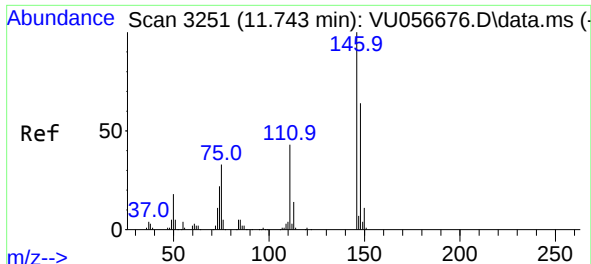
Tgt Ion:105 Resp: 331035
Ion Ratio Lower Upper
105 100
120 45.5 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 4.877 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion:105 Resp: 336236
Ion Ratio Lower Upper
105 100
120 42.3 34.0 51.0

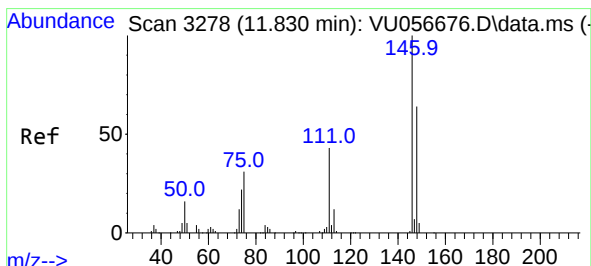
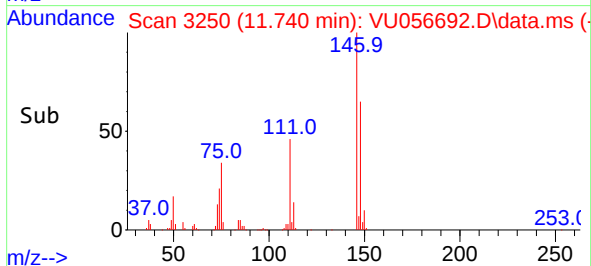
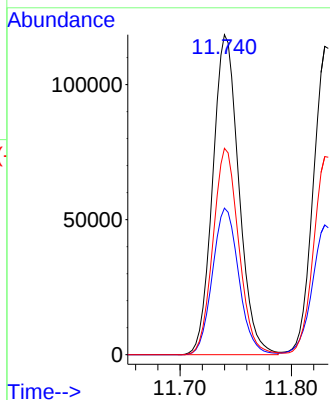
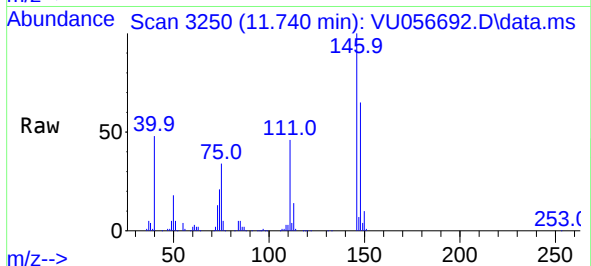




#64
1,3-Dichlorobenzene
Concen: 4.997 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

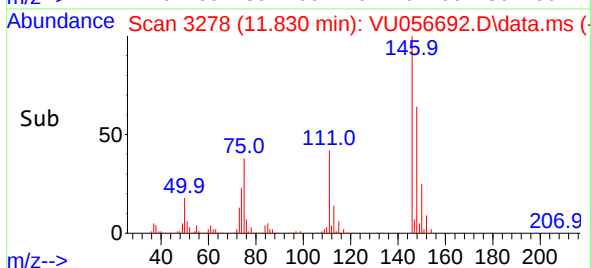
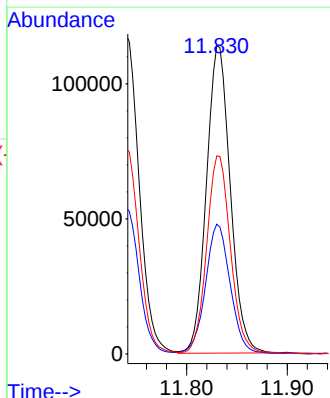
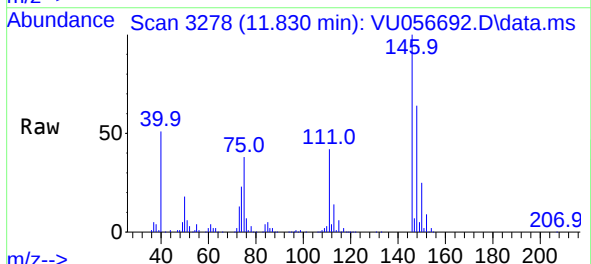
Instrument :
MSVOA_U
ClientSampleId :

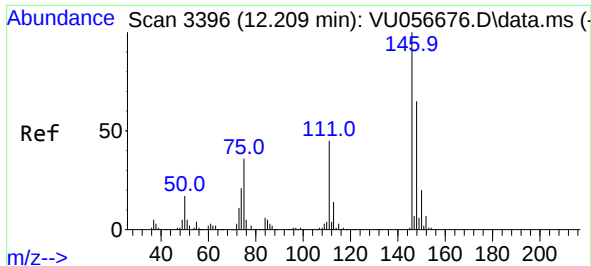
Tgt Ion:146 Resp: 193327
Ion Ratio Lower Upper
146 100
111 45.8 31.1 57.7
148 64.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.840 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion:146 Resp: 187843
Ion Ratio Lower Upper
146 100
111 42.1 30.5 56.7
148 64.3 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.134 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056692.D

Acq: 07 Dec 2023 19:42

Instrument :

MSVOA_U

ClientSampleId :

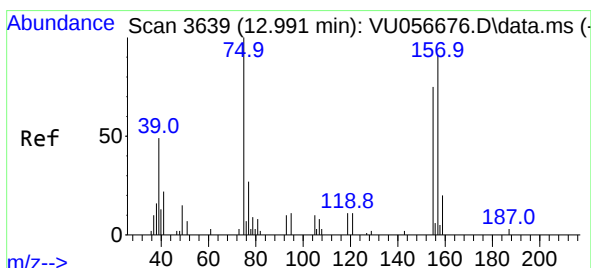
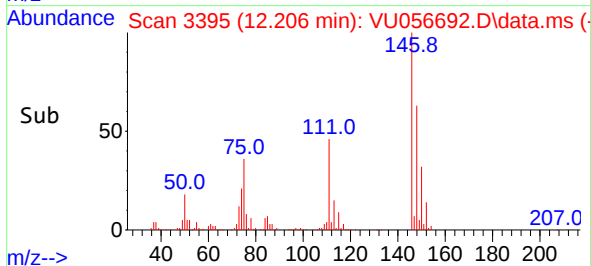
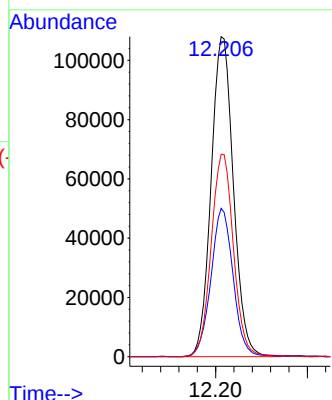
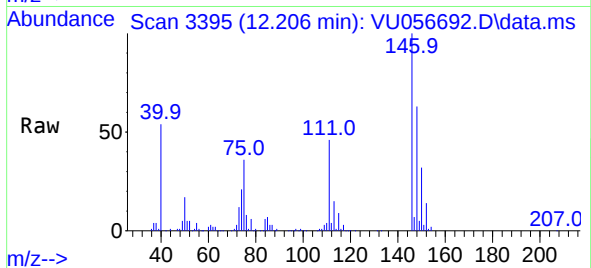
Tgt Ion:146 Resp: 182241

Ion Ratio Lower Upper

146 100

111 46.3 38.3 57.5

148 63.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.622 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056692.D

Acq: 07 Dec 2023 19:42

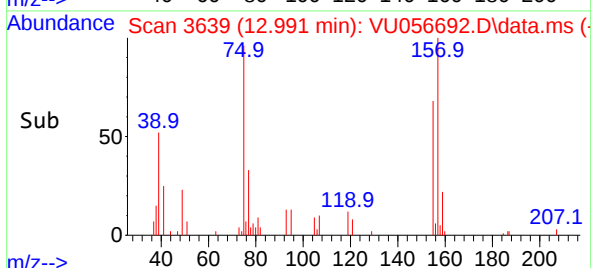
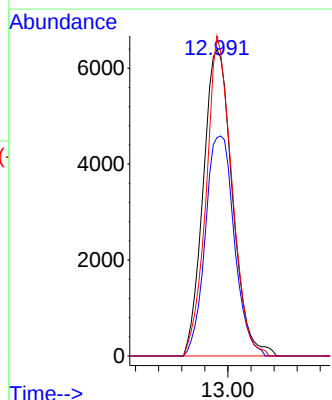
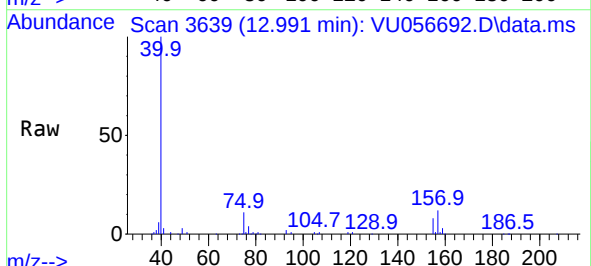
Tgt Ion: 75 Resp: 11171

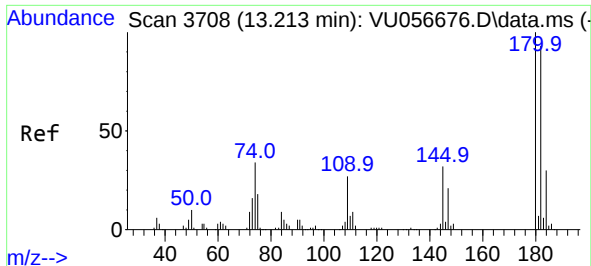
Ion Ratio Lower Upper

75 100

155 71.3 62.4 93.6

157 104.5 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 4.929 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

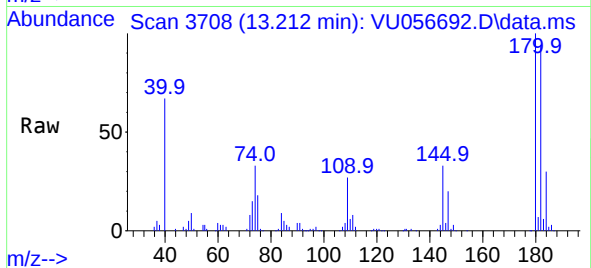
Lab File: VU056692.D

Acq: 07 Dec 2023 19:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 143596

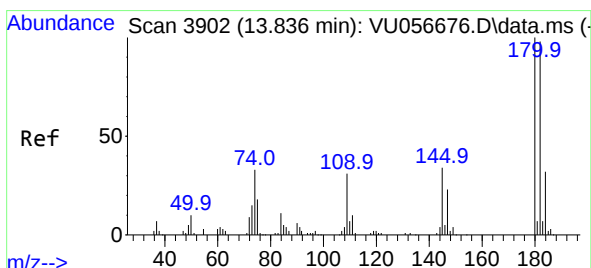
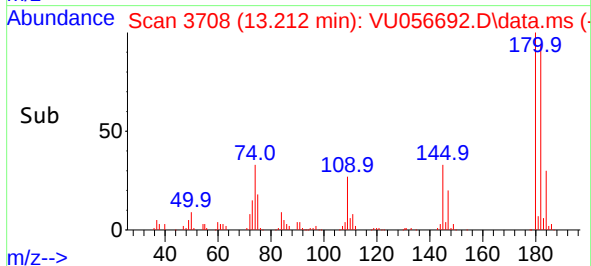
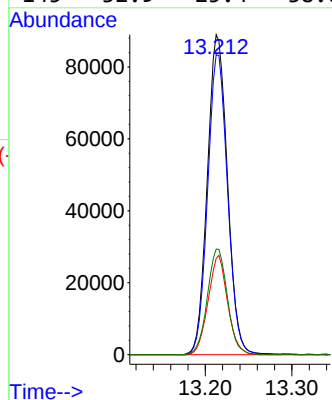
Ion Ratio Lower Upper

180 100

182 92.9 75.1 112.7

184 29.9 23.5 35.3

145 32.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.428 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056692.D

Acq: 07 Dec 2023 19:42

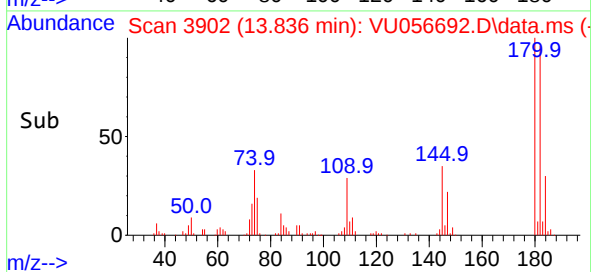
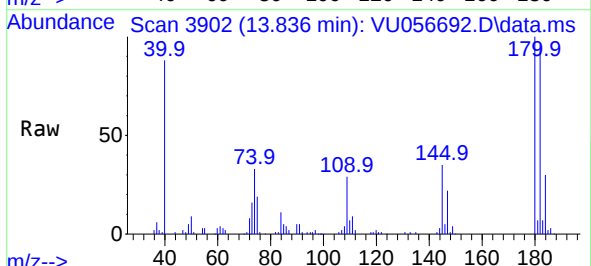
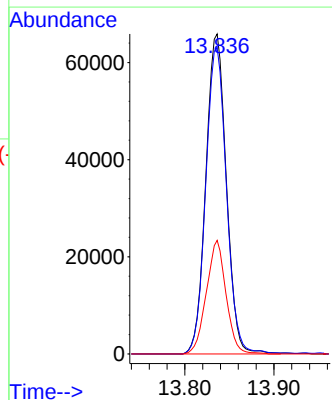
Tgt Ion:180 Resp: 105056

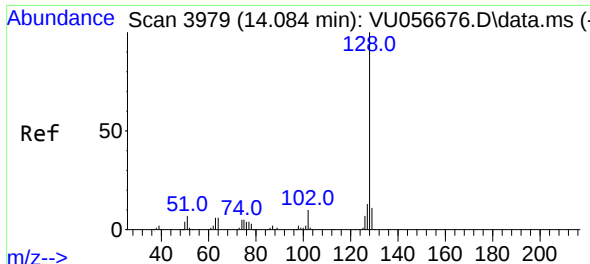
Ion Ratio Lower Upper

180 100

182 97.1 75.4 113.2

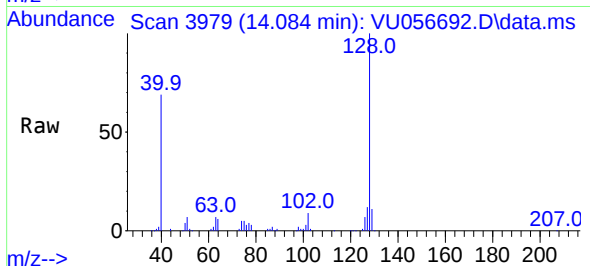
145 34.2 26.8 40.2



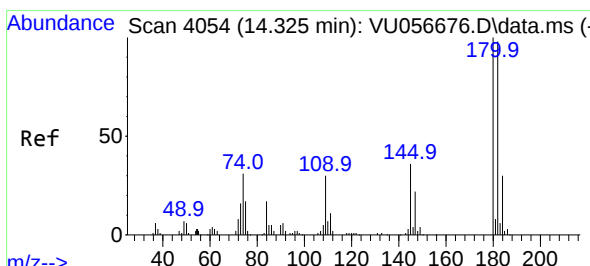
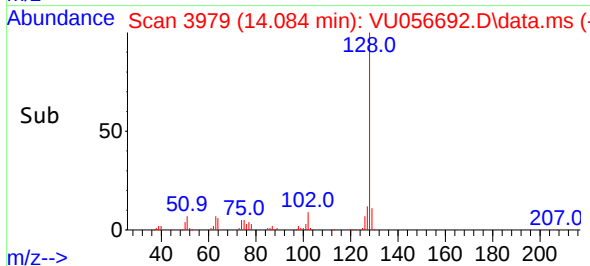
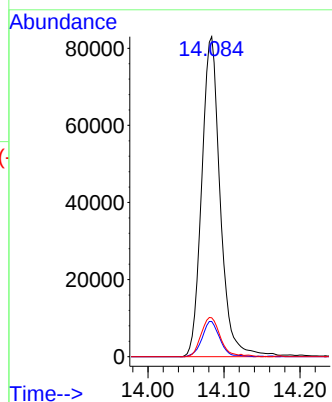


#71
Naphthalene
Concen: 3.912 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 140236
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.8 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.426 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056692.D
Acq: 07 Dec 2023 19:42

Tgt Ion:180 Resp: 86500
Ion Ratio Lower Upper
180 100
182 95.9 78.6 117.8
145 35.2 29.0 43.6

