

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056985.D
 Acq On : 18 Dec 2023 11:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 14:30:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	260217	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	129226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98036	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.901	69	57004	3.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.554	65	40837	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.621	46	178064	40.424	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.840%
24) Chloroform-d	5.055	84	180040	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	83889	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.721	84	342893	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.685	67	102237	4.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.891	98	315620	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	41605	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.637	63	164287	44.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.660%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	79317	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	104509	4.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	116638	4.278	ug/L	97
3) Chloromethane	1.515	50	129940	4.847	ug/L	98
5) Vinyl chloride	1.599	62	123646	4.644	ug/L	100
6) Bromomethane	1.849	94	49011	3.122	ug/L	92
8) Chloroethane	1.920	64	53866	3.454	ug/L	97
9) Trichlorofluoromethane	2.123	101	177552	4.732	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	104112	4.524	ug/L	98
12) 1,1-Dichloroethene	2.570	96	93104	4.407	ug/L	89
13) Acetone	2.631	43	125737	46.840	ug/L	100
14) Carbon disulfide	2.782	76	281398	3.839	ug/L	100
15) Methyl Acetate	2.946	43	32715	4.477	ug/L	99
16) Methylene chloride	3.036	84	105654	4.590	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	212224	4.530	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	93120	4.347	ug/L	99
19) 1,1-Dichloroethane	3.856	63	180158	4.372	ug/L	98
21) 2-Butanone	4.701	43	201240	44.454	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	101514	4.356	ug/L	100
23) Bromochloromethane	4.968	128	44157	4.526	ug/L	94
25) Chloroform	5.078	83	192265	4.454	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056985.D
 Acq On : 18 Dec 2023 11:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 14:30:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

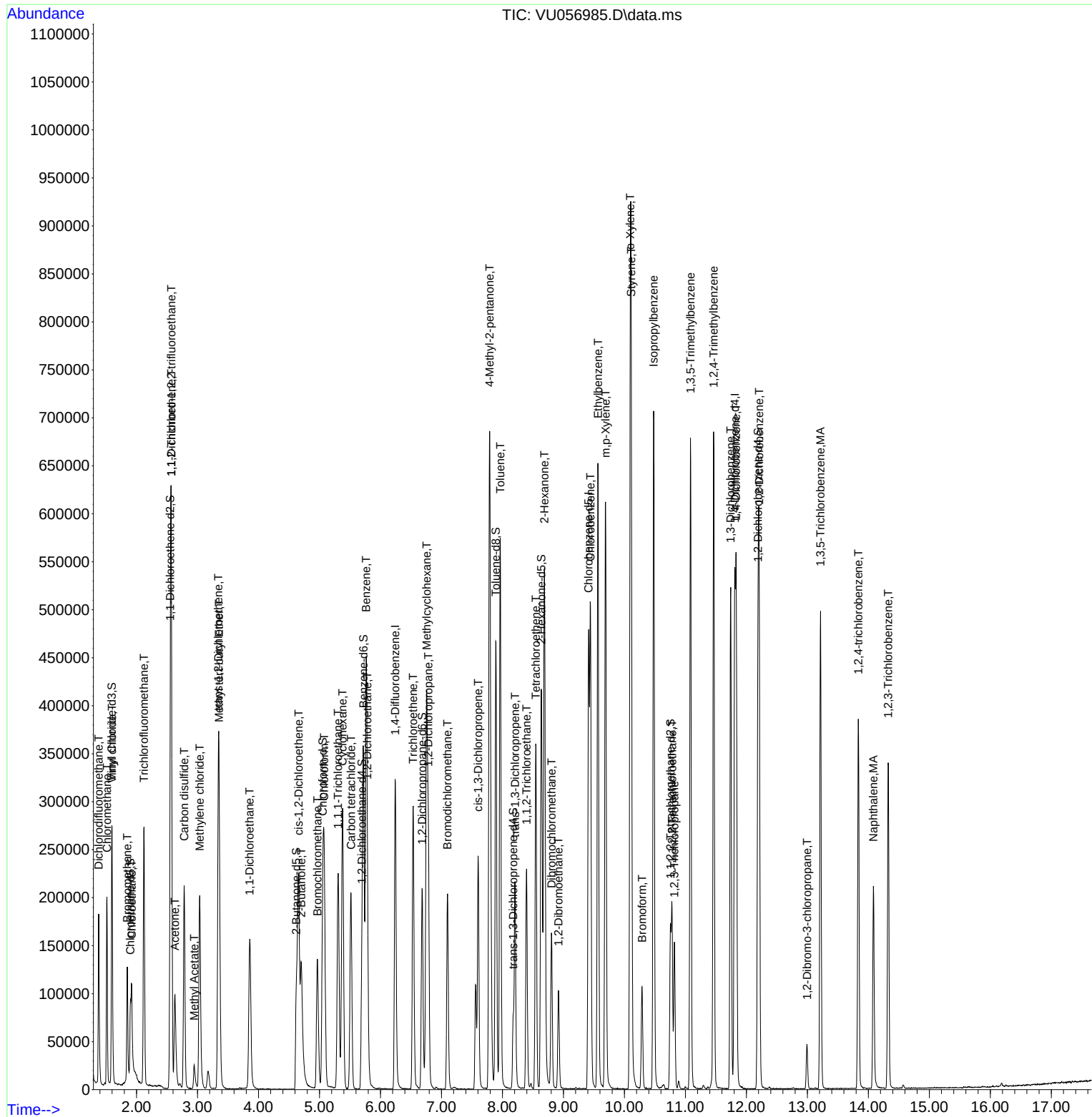
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	113768	4.457	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	170988	4.532	ug/L	98
30) Cyclohexane	5.377	56	143012	4.039	ug/L	97
31) Carbon tetrachloride	5.518	117	144567	4.408	ug/L	98
33) Benzene	5.766	78	402017	4.382	ug/L	100
34) Trichloroethene	6.534	95	106701	4.240	ug/L	97
35) Methylcyclohexane	6.756	83	153378	4.130	ug/L	99
37) 1,2-Dichloropropane	6.785	63	106642	4.545	ug/L	99
38) Bromodichloromethane	7.100	83	134888	4.508	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	148522	4.343	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	524950	47.112	ug/L	98
42) Toluene	7.965	91	423255	4.459	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	126114	4.499	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	72046	4.541	ug/L	96
47) Tetrachloroethene	8.547	164	78064	4.433	ug/L	95
48) 2-Hexanone	8.688	43	388691	48.978	ug/L	99
49) Dibromochloromethane	8.804	129	83516	4.580	ug/L	100
50) 1,2-Dibromoethane	8.920	107	67362	4.575	ug/L	99
51) Chlorobenzene	9.444	112	265888	4.395	ug/L	99
52) Ethylbenzene	9.566	91	462320	4.416	ug/L	99
53) m,p-Xylene	9.692	106	177408	4.548	ug/L	97
54) o-Xylene	10.097	106	167758	4.514	ug/L	98
55) Styrene	10.113	104	295945	4.849	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	93372	4.872	ug/L	96
59) Bromoform	10.290	173	49119	4.655	ug/L	98
60) Isopropylbenzene	10.479	105	455239	4.459	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	63846	4.601	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	374823	4.492	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	375654	4.533	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	210917	4.367	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	203137	4.271	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	192211	4.369	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	13610	4.913	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	149109	4.086	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	113136	3.915	ug/L	98
71) Naphthalene	14.084	128	171440	4.054	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	102853	4.192	ug/L	99

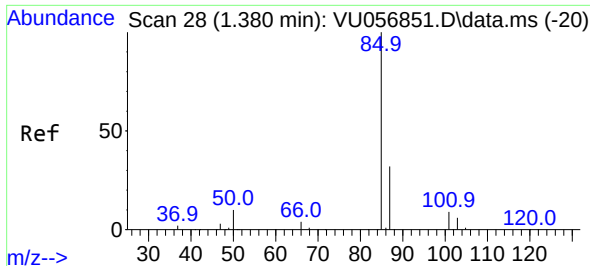
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
Data File : VU056985.D
Acq On : 18 Dec 2023 11:10
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 18 14:30:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 18 01:16:15 2023
Response via : Initial Calibration

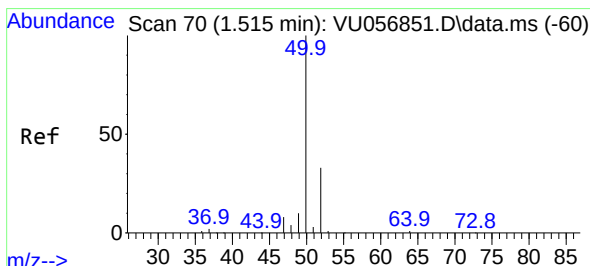
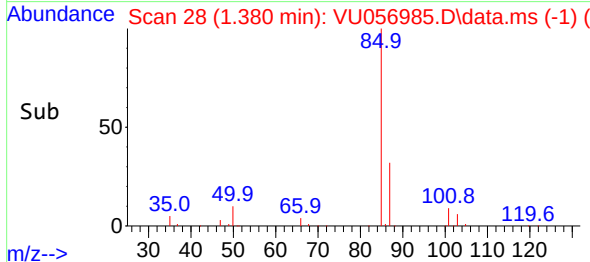
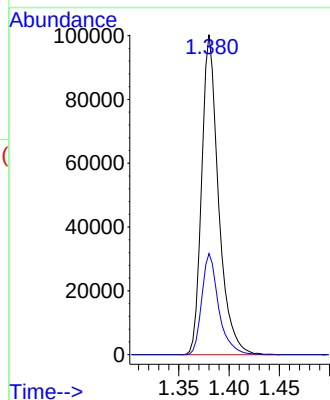
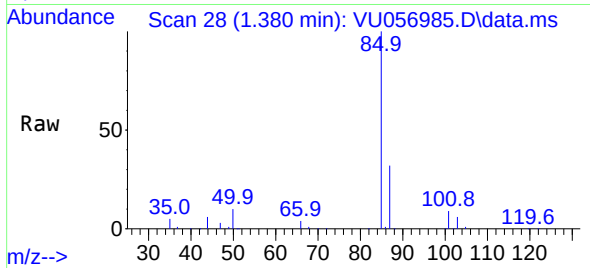




#2
 Dichlorodifluoromethane
 Concen: 4.278 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU056985.D
 Acq: 18 Dec 2023 11:10

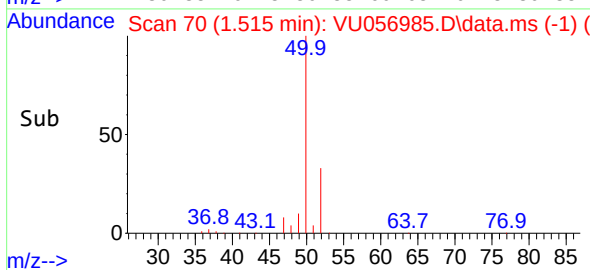
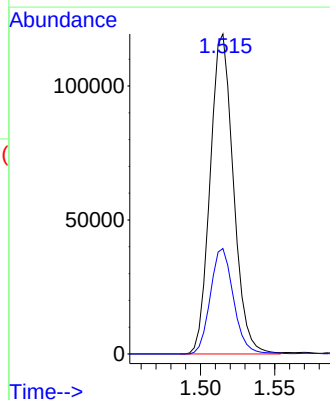
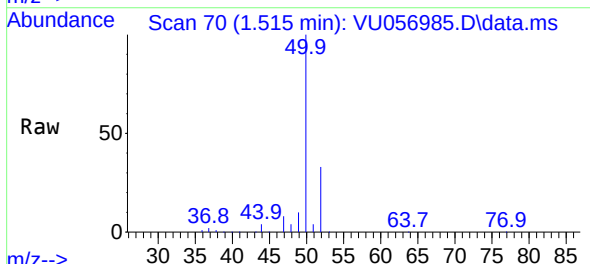
Instrument :
 MSVOA_U
 ClientSampleId :

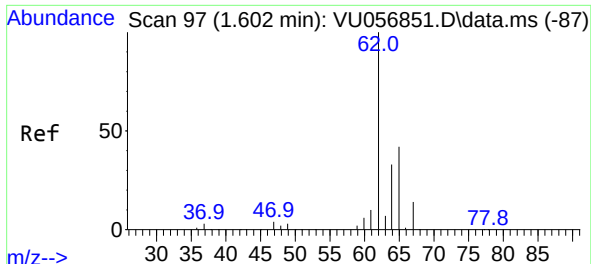
Tgt Ion: 85 Resp: 116638
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.8 40.2



#3
 Chloromethane
 Concen: 4.847 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056985.D
 Acq: 18 Dec 2023 11:10

Tgt Ion: 50 Resp: 129940
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.7

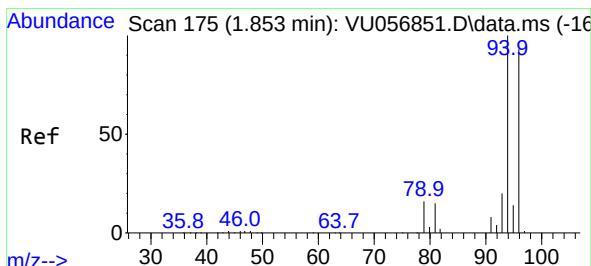
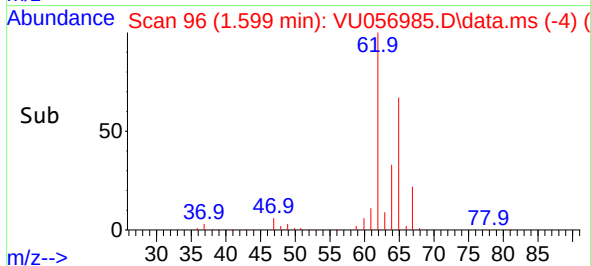
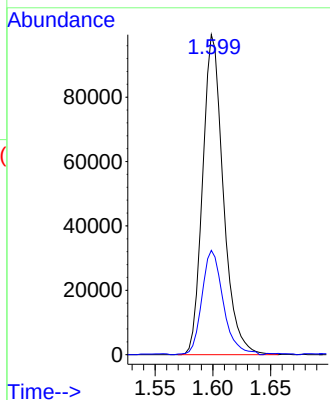
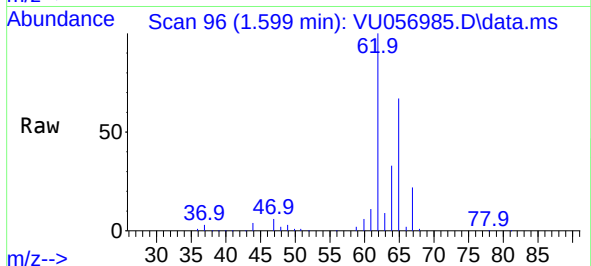




#5
 Vinyl chloride
 Concen: 4.644 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU056985.D
 Acq: 18 Dec 2023 11:10

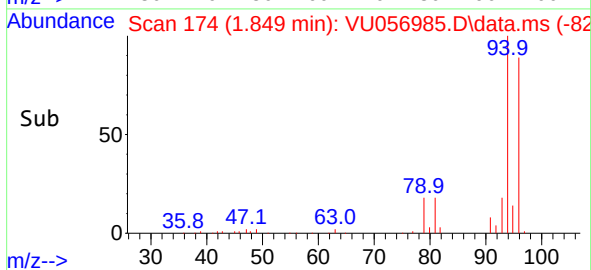
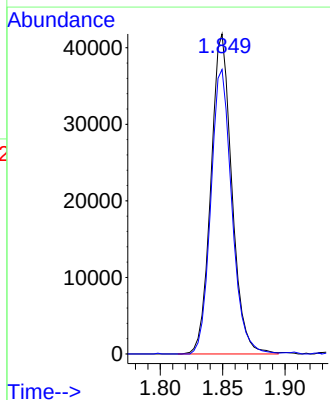
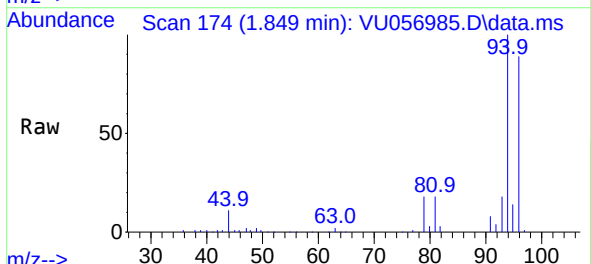
Instrument :
 MSVOA_U
 ClientSampleId :

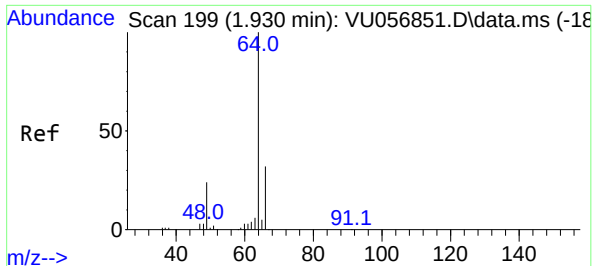
Tgt Ion: 62 Resp: 123646
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 3.122 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU056985.D
 Acq: 18 Dec 2023 11:10

Tgt Ion: 94 Resp: 49011
 Ion Ratio Lower Upper
 94 100
 96 88.9 67.8 125.8

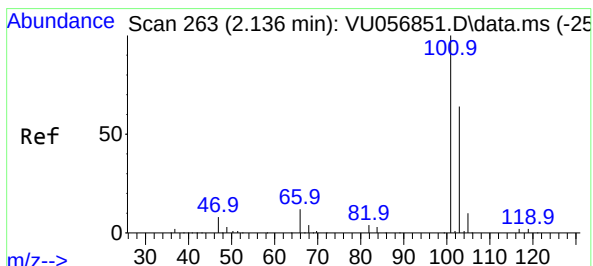
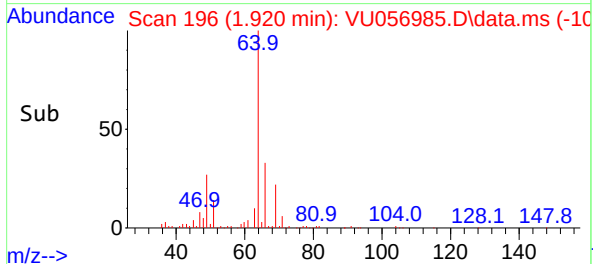
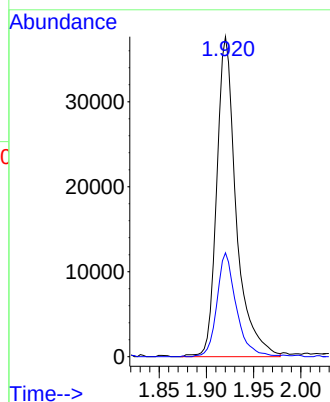
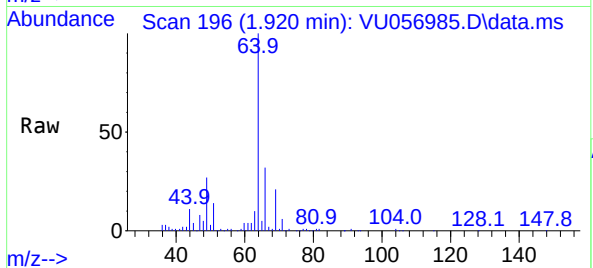




#8
Chloroethane
Concen: 3.454 ug/L
RT: 1.920 min Scan# 19
Delta R.T. -0.010 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

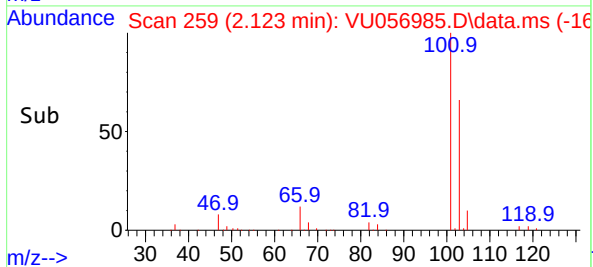
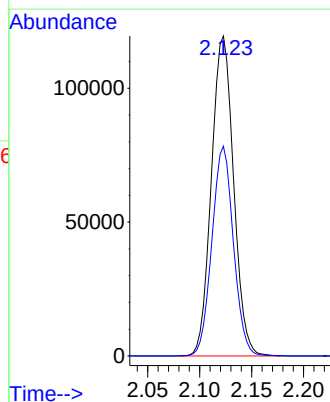
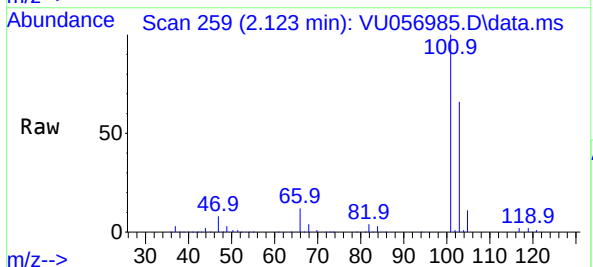
Instrument :
MSVOA_U
ClientSampleId :

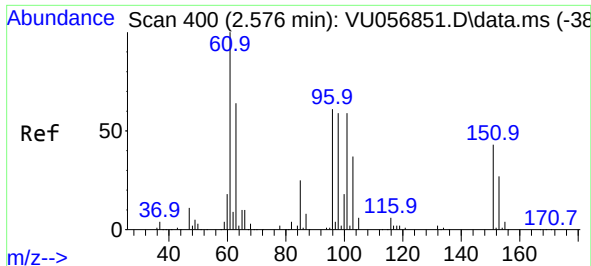
Tgt Ion: 64 Resp: 53866
Ion Ratio Lower Upper
64 100
66 32.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.732 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.010 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion:101 Resp: 177552
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

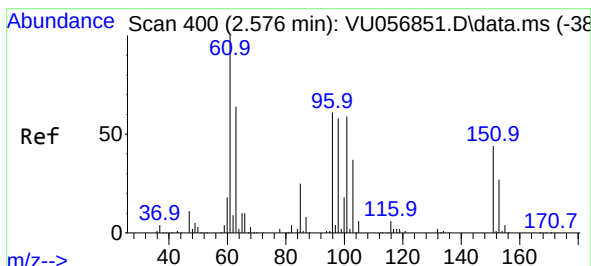
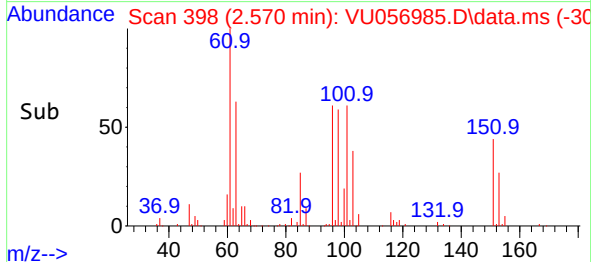
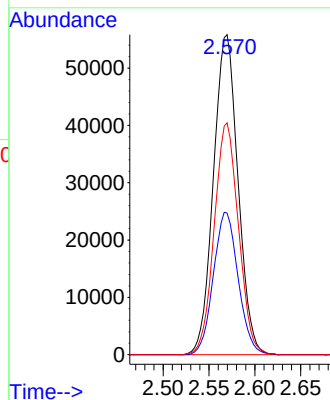
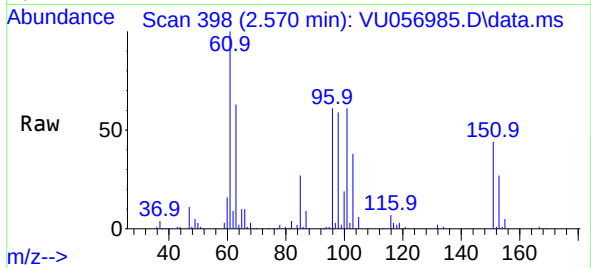




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.524 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

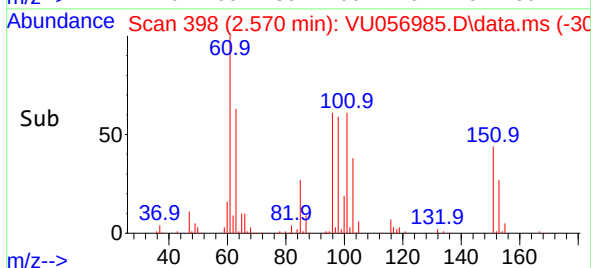
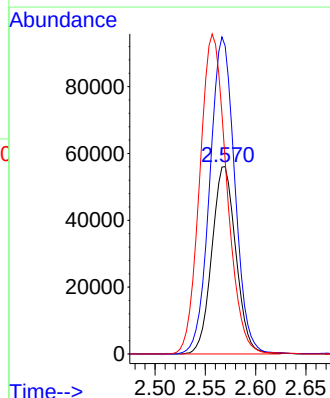
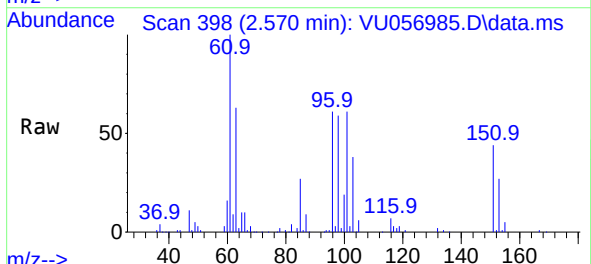
Instrument :
MSVOA_U
ClientSampleId :

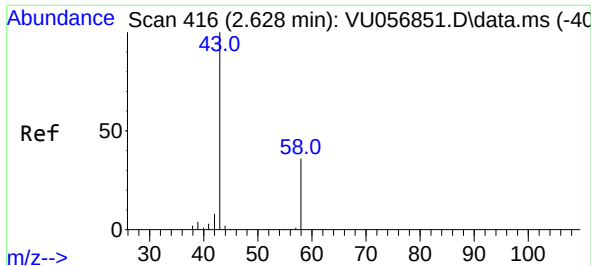
Tgt Ion:101 Resp: 104112
Ion Ratio Lower Upper
101 100
85 44.8 35.2 52.8
151 71.6 56.0 84.0



#12
1,1-Dichloroethene
Concen: 4.407 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 96 Resp: 93104
Ion Ratio Lower Upper
96 100
61 164.4 119.0 221.0
63 103.4 88.7 164.7





#13

Acetone

Concen: 46.840 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU056985.D

Acq: 18 Dec 2023 11:10

Instrument :

MSVOA_U

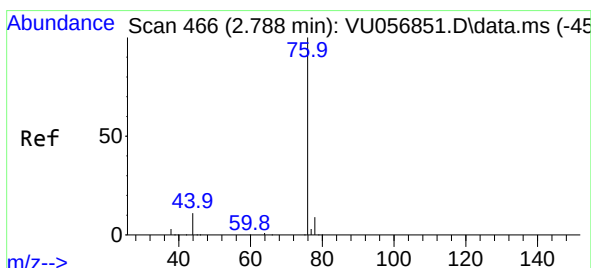
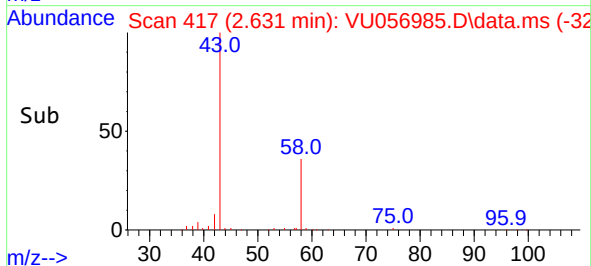
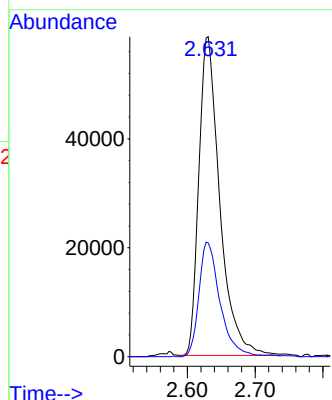
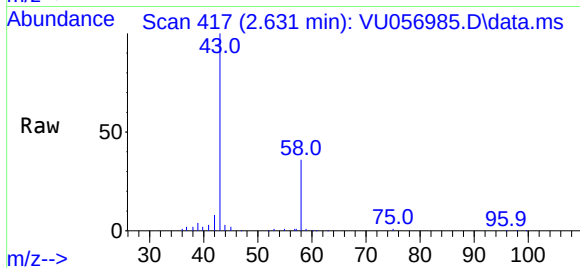
ClientSampleId :

Tgt Ion: 43 Resp: 125737

Ion Ratio Lower Upper

43 100

58 36.0 0.0 72.6



#14

Carbon disulfide

Concen: 3.839 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.006 min

Lab File: VU056985.D

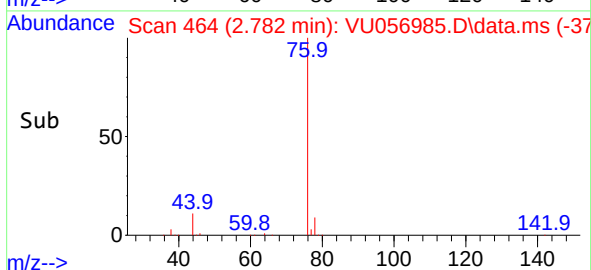
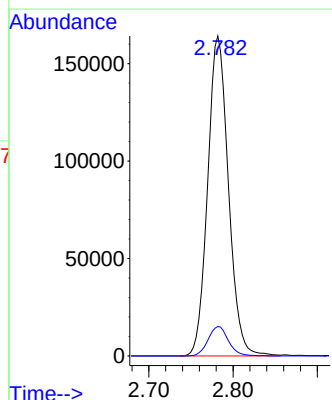
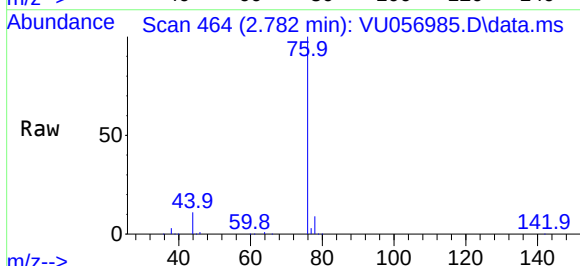
Acq: 18 Dec 2023 11:10

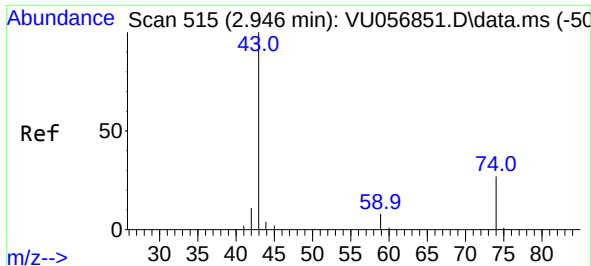
Tgt Ion: 76 Resp: 281398

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

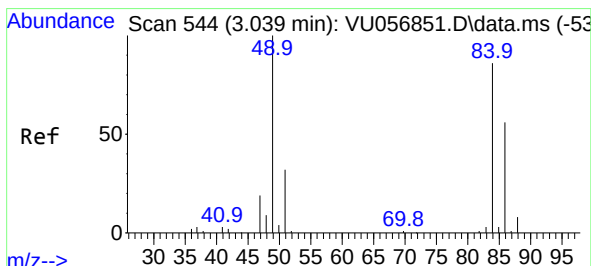
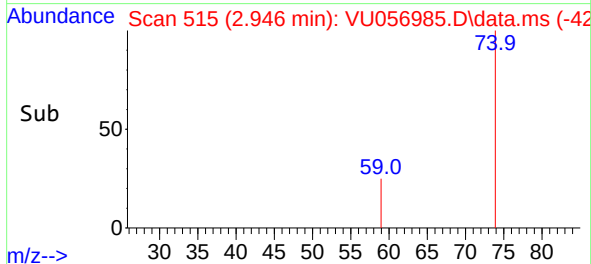
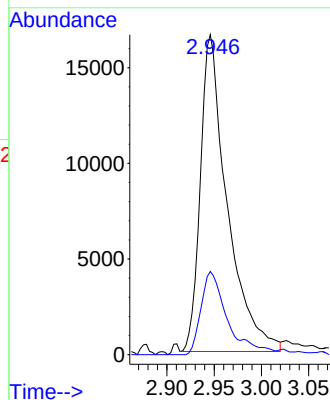
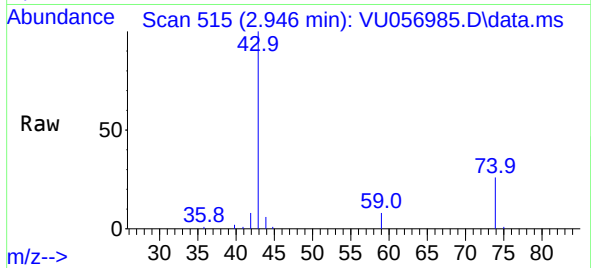




#15
Methyl Acetate
Concen: 4.477 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.006 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

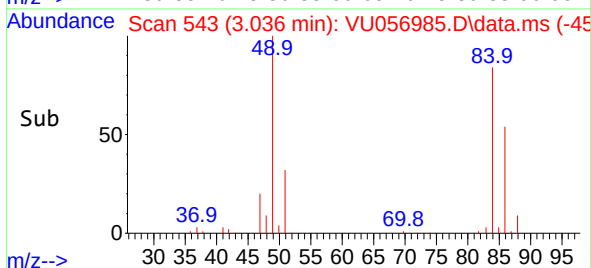
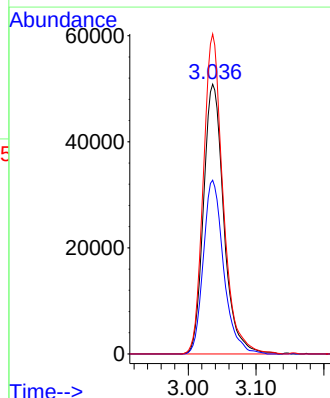
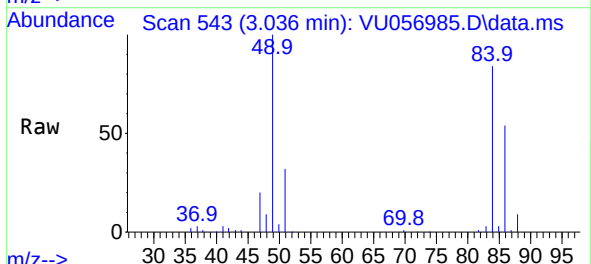
Instrument :
MSVOA_U
ClientSampleId :

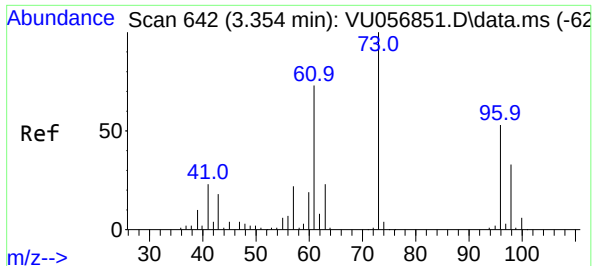
Tgt Ion: 43 Resp: 32715
Ion Ratio Lower Upper
43 100
74 25.8 21.0 31.6



#16
Methylene chloride
Concen: 4.590 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 84 Resp: 105654
Ion Ratio Lower Upper
84 100
86 64.4 43.6 81.0
49 118.6 80.6 149.6

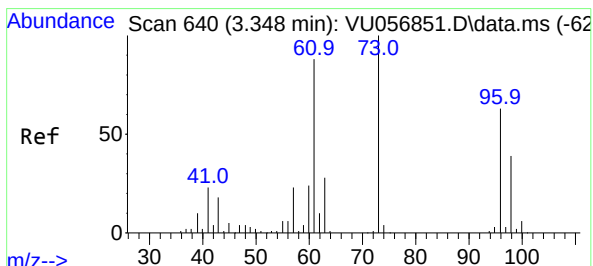
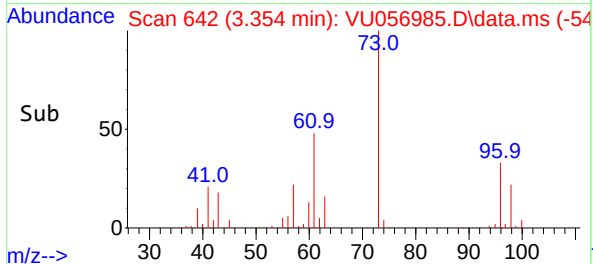
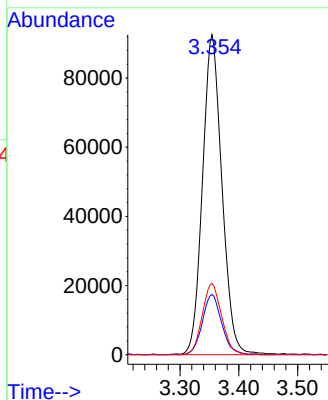
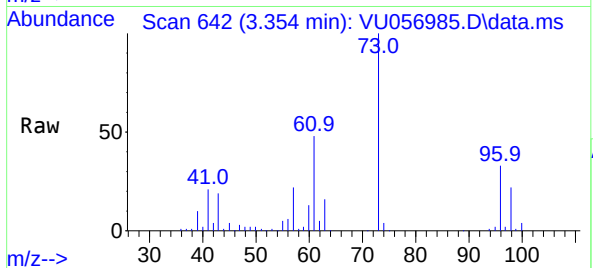




#17
Methyl tert-butyl Ether
Concen: 4.530 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

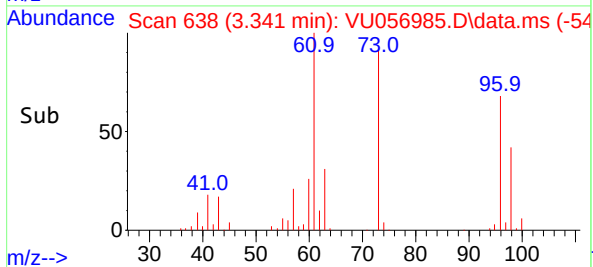
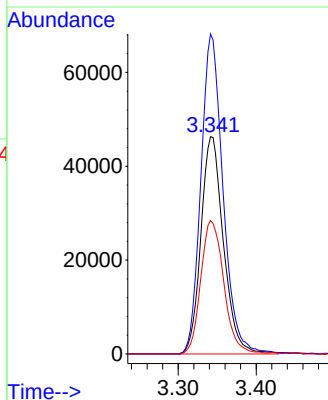
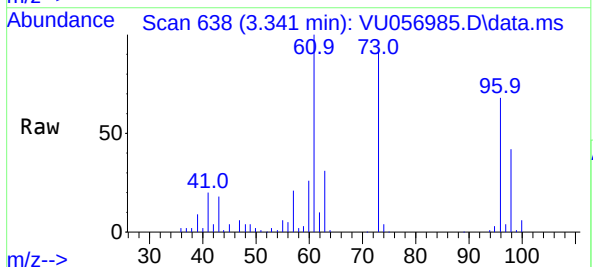
Instrument :
MSVOA_U
ClientSampleId :

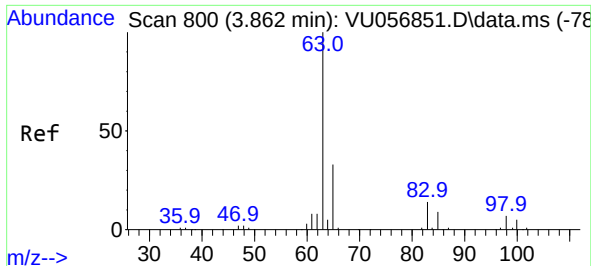
Tgt Ion: 73 Resp: 212224
Ion Ratio Lower Upper
73 100
43 18.7 14.4 21.6
57 22.2 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.347 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.006 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 96 Resp: 93120
Ion Ratio Lower Upper
96 100
61 147.3 101.8 189.0
98 61.4 43.0 79.8





#19

1,1-Dichloroethane

Concen: 4.372 ug/L

RT: 3.856 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU056985.D

Acq: 18 Dec 2023 11:10

Instrument :

MSVOA_U

ClientSampleId :

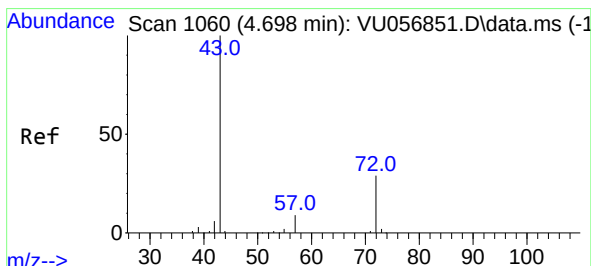
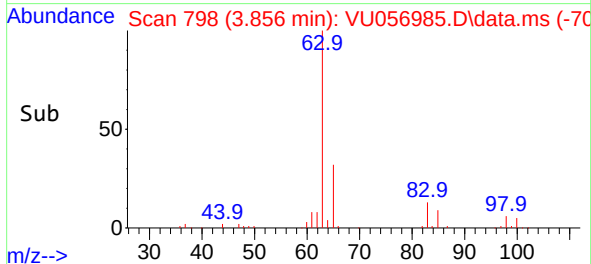
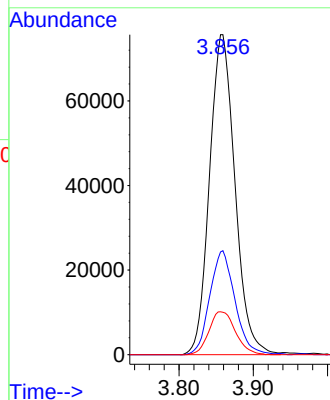
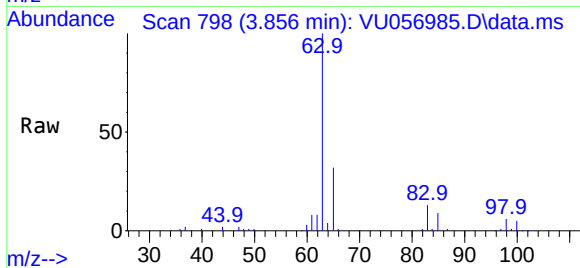
Tgt Ion: 63 Resp: 180158

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 13.4 10.1 18.9



#21

2-Butanone

Concen: 44.454 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. -0.003 min

Lab File: VU056985.D

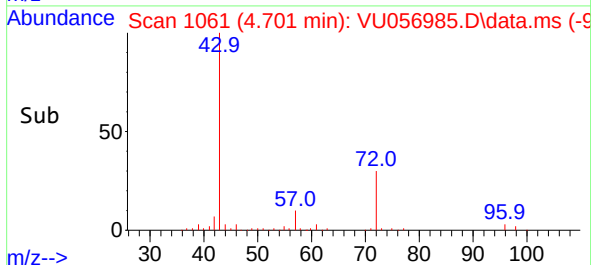
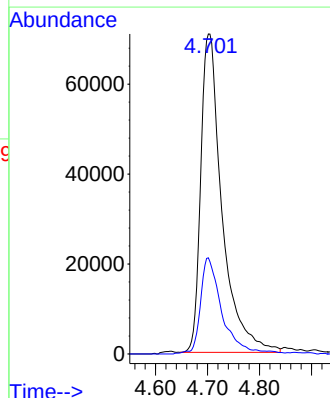
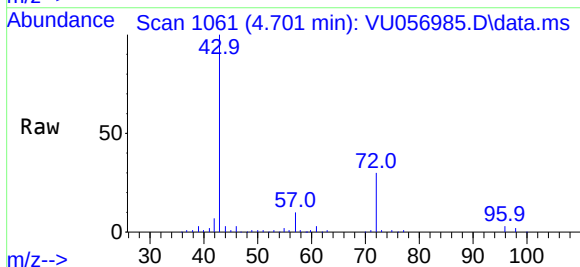
Acq: 18 Dec 2023 11:10

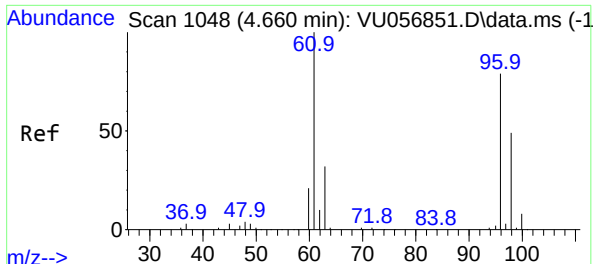
Tgt Ion: 43 Resp: 201240

Ion Ratio Lower Upper

43 100

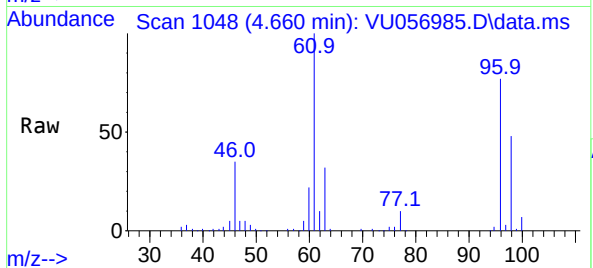
72 29.6 14.6 43.8





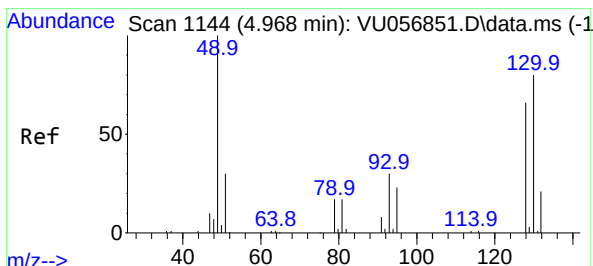
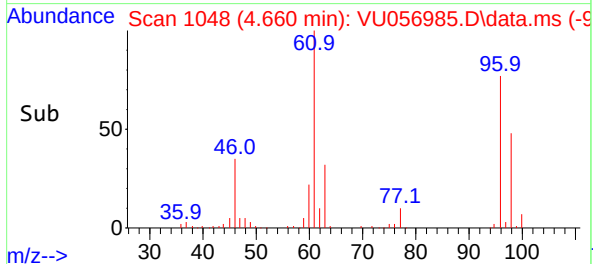
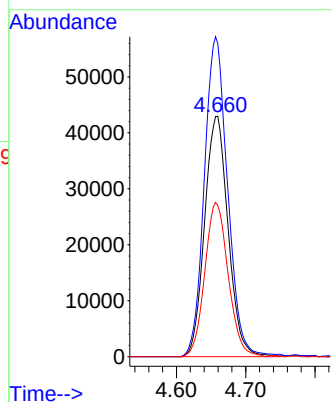
#22
 cis-1,2-Dichloroethene
 Concen: 4.356 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056985.D
 Acq: 18 Dec 2023 11:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 101514

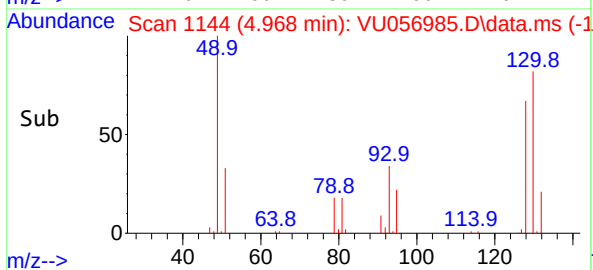
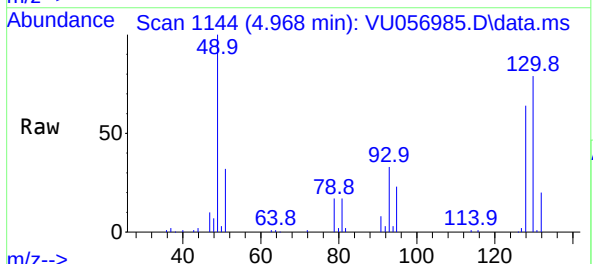
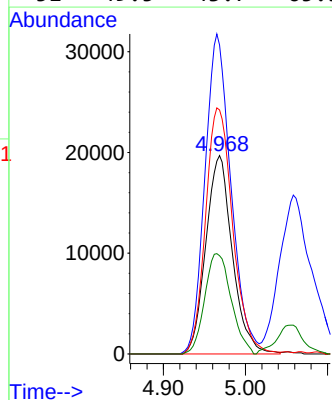
Ion	Ratio	Lower	Upper
96	100		
61	130.3	91.3	169.6
98	62.9	44.2	82.0

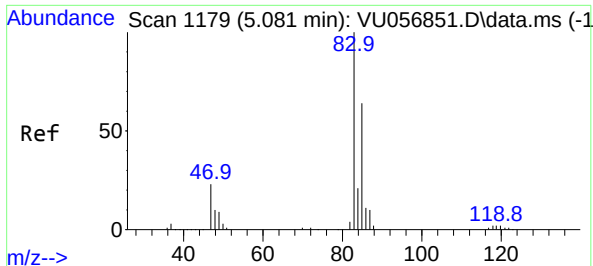


#23
 Bromochloromethane
 Concen: 4.526 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056985.D
 Acq: 18 Dec 2023 11:10

Tgt Ion: 128 Resp: 44157

Ion	Ratio	Lower	Upper
128	100		
49	155.7	113.8	211.3
130	123.0	90.6	168.3
51	49.5	43.7	65.5

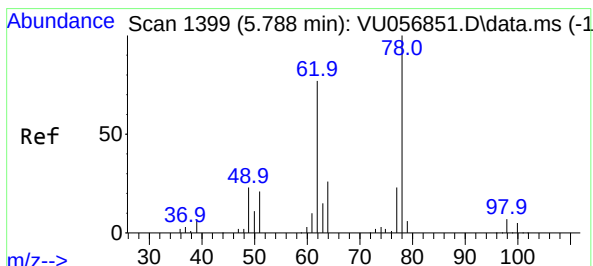
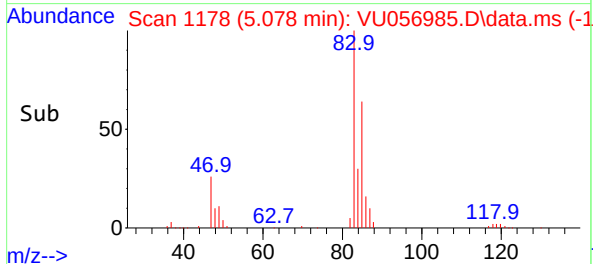
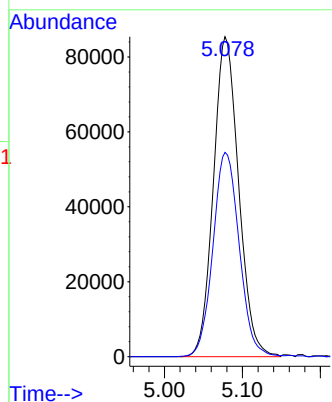
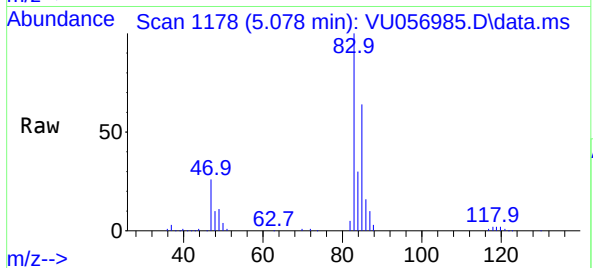




#25
Chloroform
Concen: 4.454 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

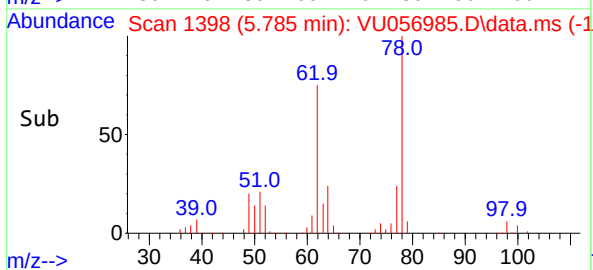
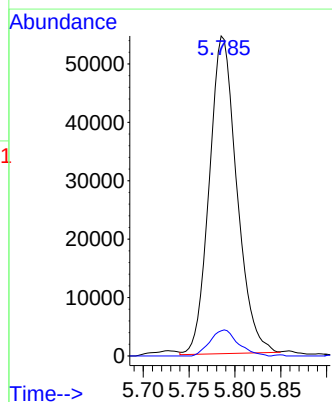
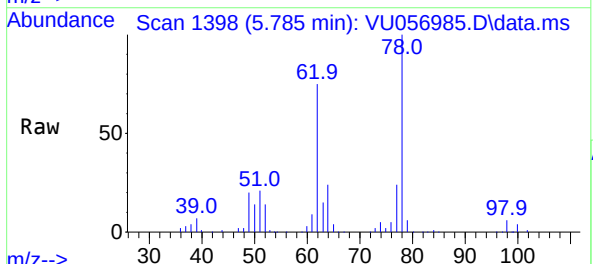
Instrument :
MSVOA_U
ClientSampleId :

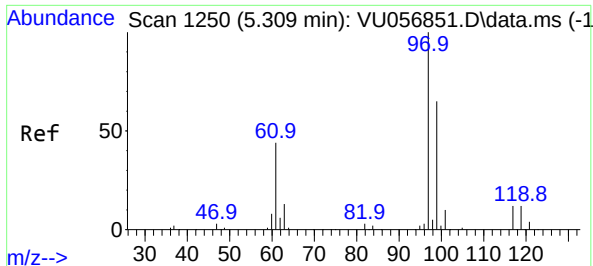
Tgt Ion: 83 Resp: 192265
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.0



#27
1,2-Dichloroethane
Concen: 4.457 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 62 Resp: 113768
Ion Ratio Lower Upper
62 100
98 7.8 7.8 11.6

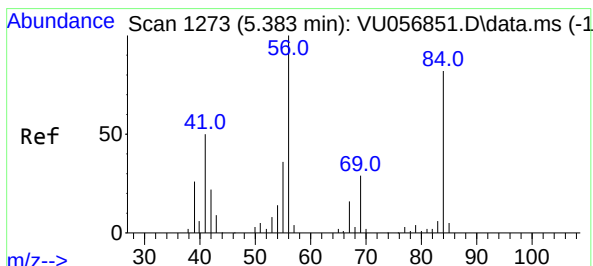
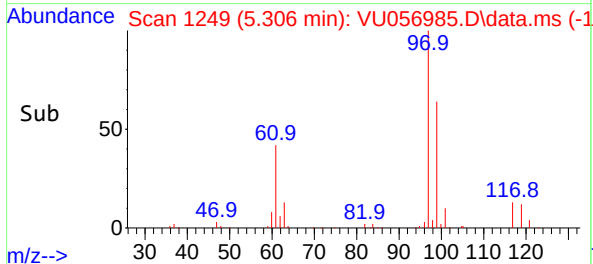
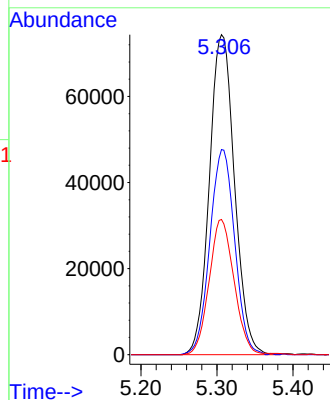
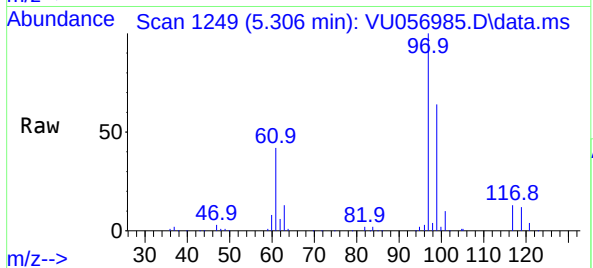




#29
1,1,1-Trichloroethane
Concen: 4.532 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

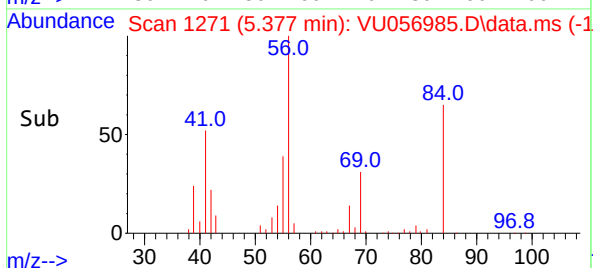
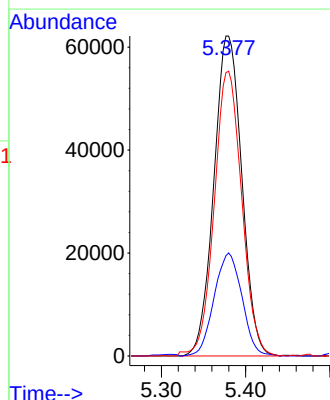
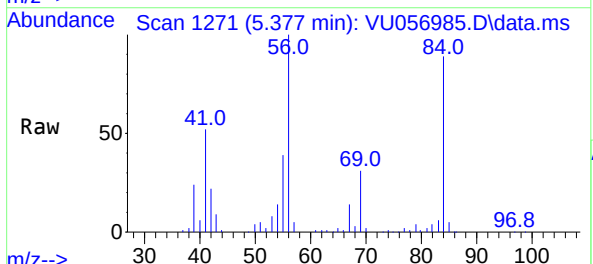
Instrument :
MSVOA_U
ClientSampleId :

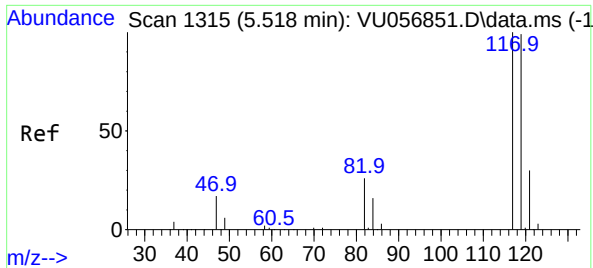
Tgt Ion: 97 Resp: 170988
Ion Ratio Lower Upper
97 100
99 63.3 52.5 78.7
61 41.9 34.2 51.2



#30
Cyclohexane
Concen: 4.039 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.006 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 56 Resp: 143012
Ion Ratio Lower Upper
56 100
69 32.1 24.9 37.3
84 87.6 67.6 101.4

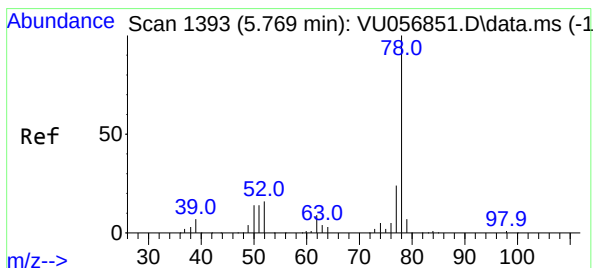
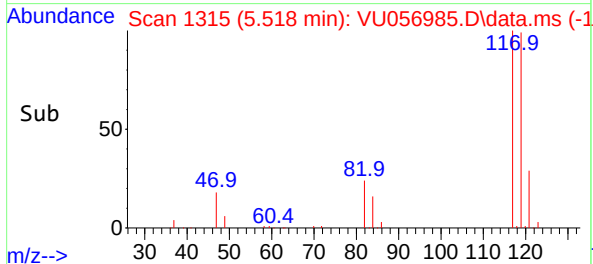
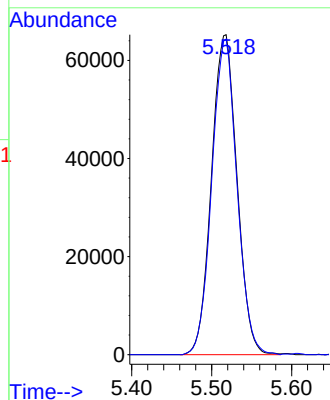
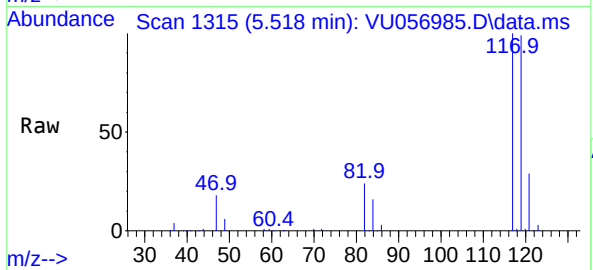




#31
Carbon tetrachloride
Concen: 4.408 ug/L
RT: 5.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

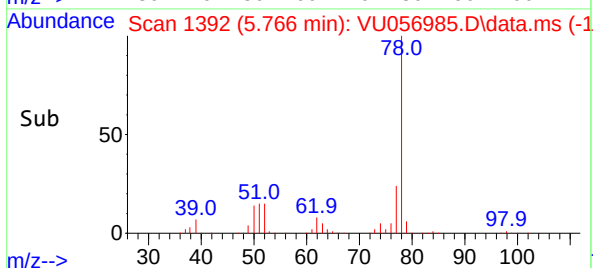
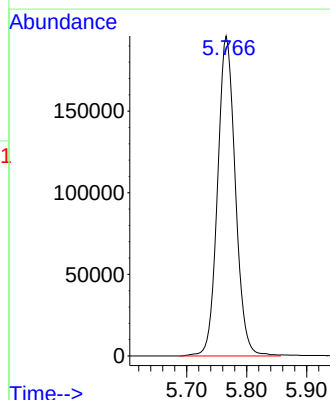
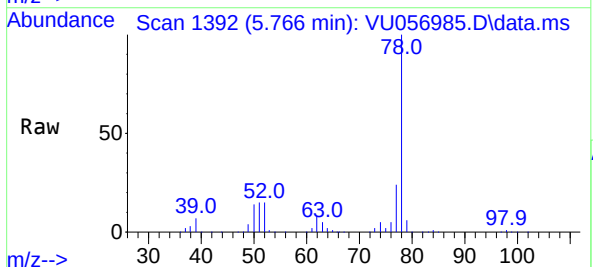
Instrument :
MSVOA_U
ClientSampleId :

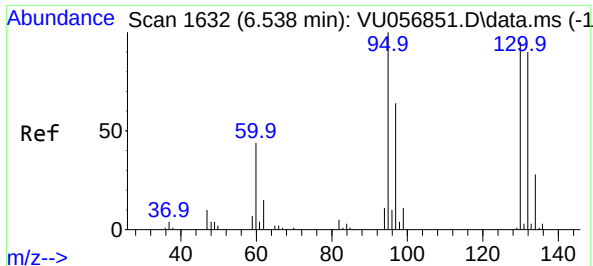
Tgt Ion:117 Resp: 144567
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4



#33
Benzene
Concen: 4.382 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 78 Resp: 402017



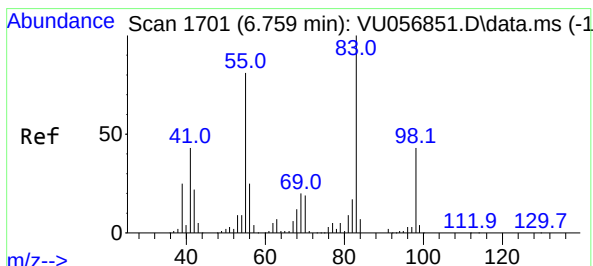
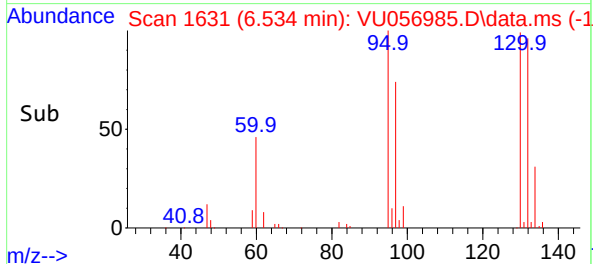
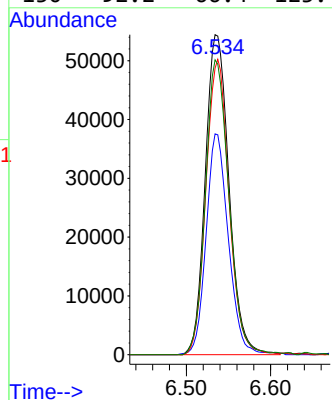
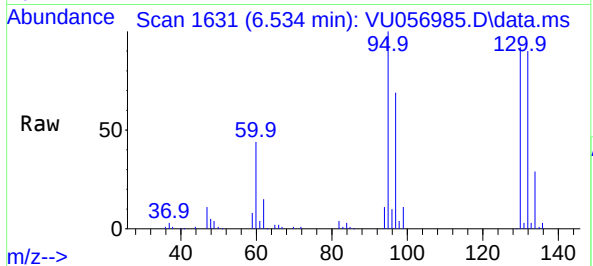


#34
Trichloroethene
Concen: 4.240 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 106701

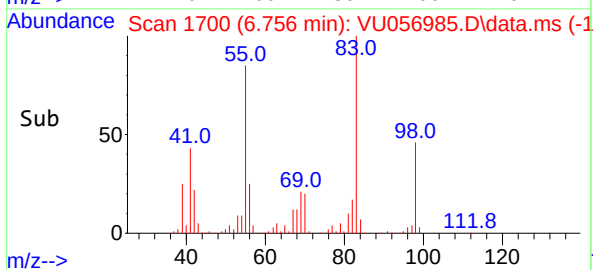
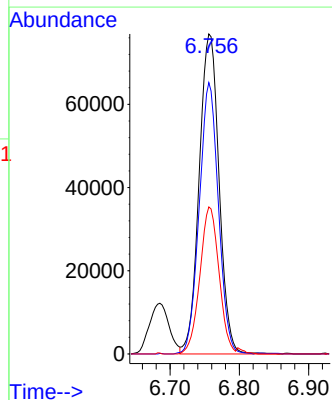
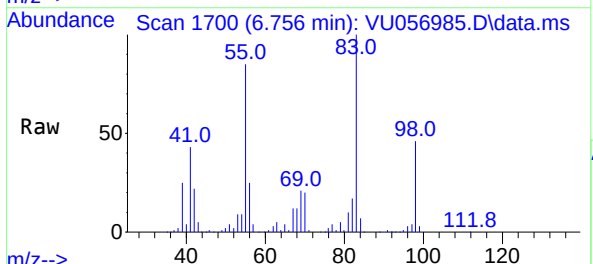
Ion	Ratio	Lower	Upper
95	100		
97	69.0	46.1	85.5
132	89.6	63.6	118.0
130	92.2	66.4	123.4

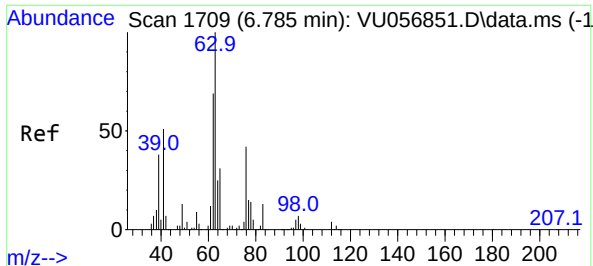


#35
Methylcyclohexane
Concen: 4.130 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 83 Resp: 153378

Ion	Ratio	Lower	Upper
83	100		
55	81.7	64.6	97.0
98	44.1	36.1	54.1

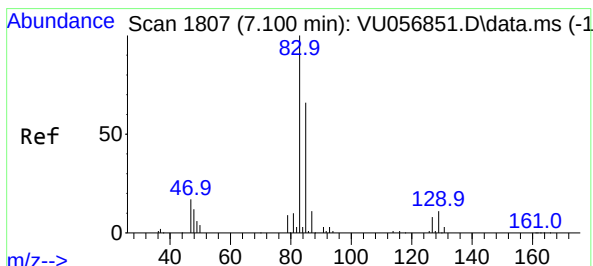
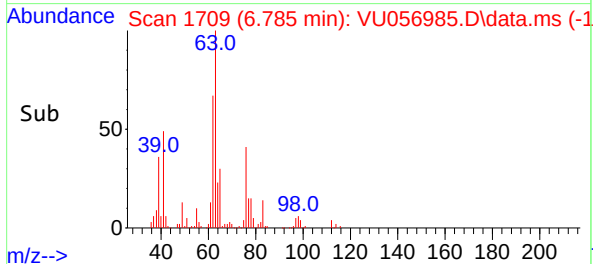
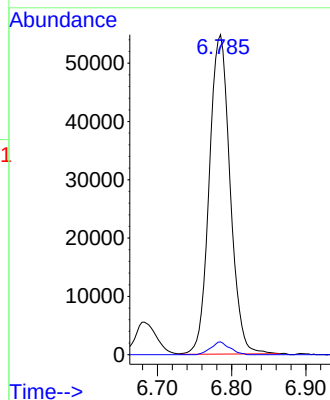
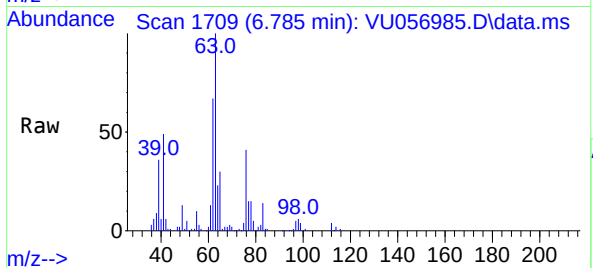




#37
1,2-Dichloropropane
Concen: 4.545 ug/L
RT: 6.785 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

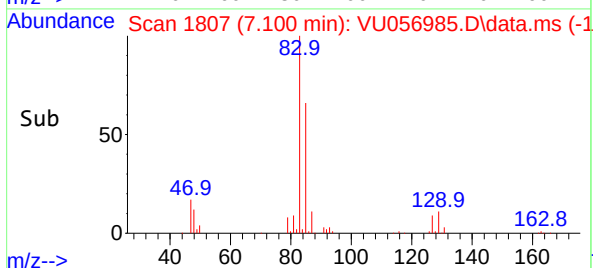
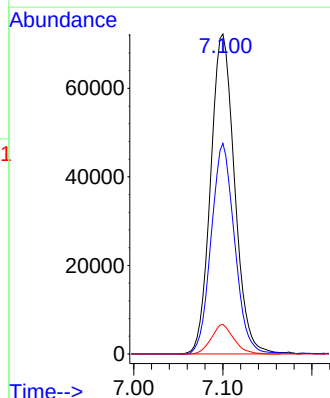
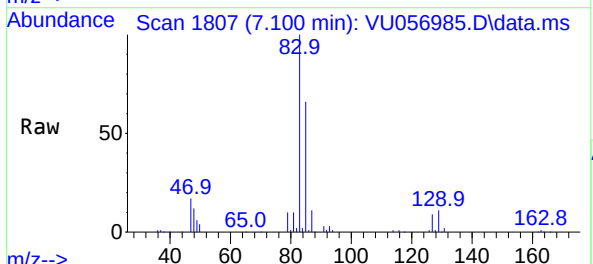
Instrument :
MSVOA_U
ClientSampleId :

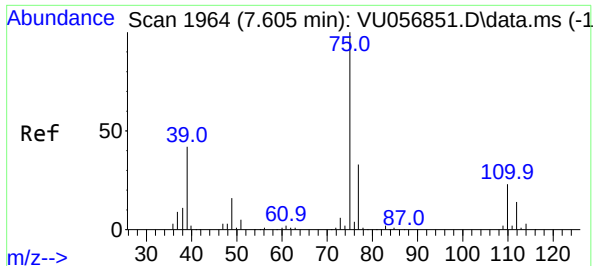
Tgt Ion: 63 Resp: 106642
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9



#38
Bromodichloromethane
Concen: 4.508 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 83 Resp: 134888
Ion Ratio Lower Upper
83 100
85 65.8 45.0 83.6
127 9.2 7.0 10.4

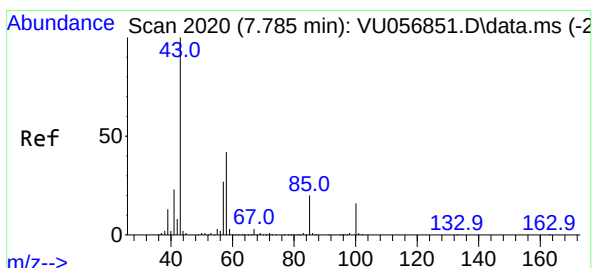
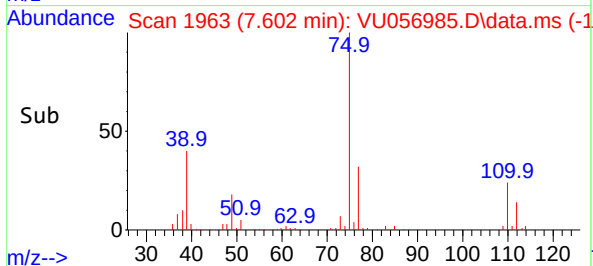
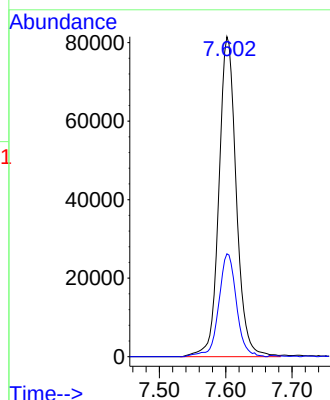
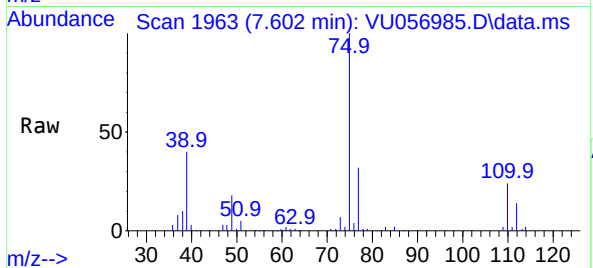




#39
cis-1,3-Dichloropropene
Concen: 4.343 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

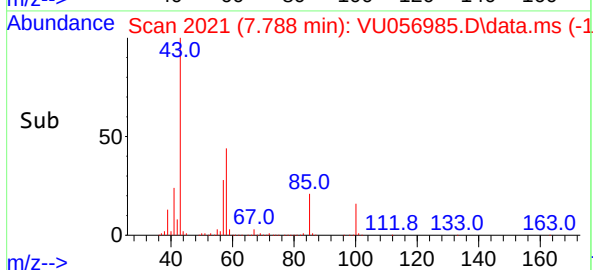
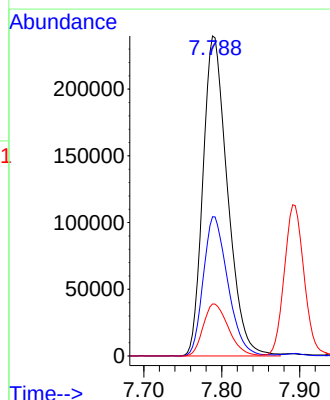
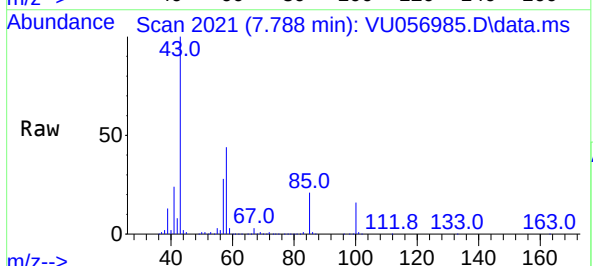
Instrument :
MSVOA_U
ClientSampleId :

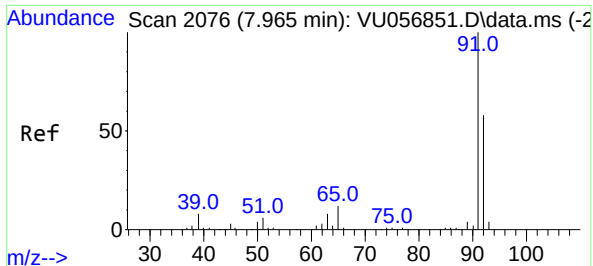
Tgt Ion: 75 Resp: 148522
Ion Ratio Lower Upper
75 100
77 32.1 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 47.112 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 43 Resp: 524950
Ion Ratio Lower Upper
43 100
58 43.6 33.7 50.5
100 16.7 13.0 19.4

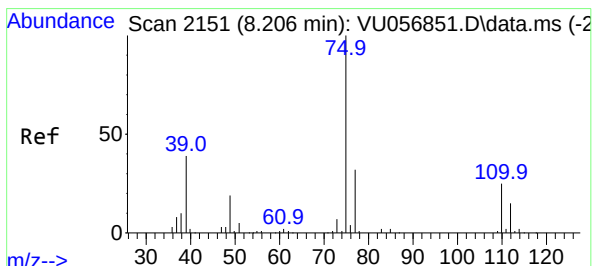
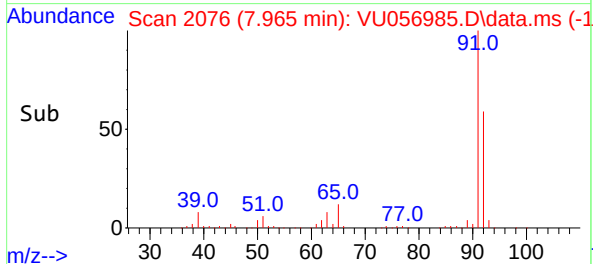
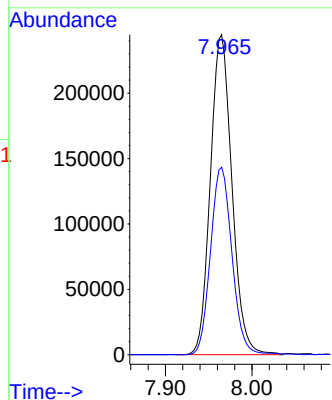
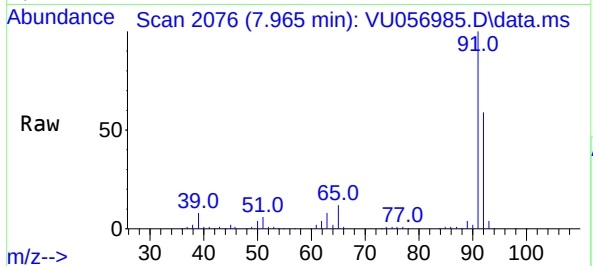




#42
Toluene
Concen: 4.459 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

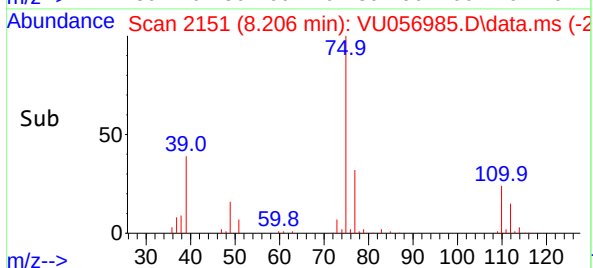
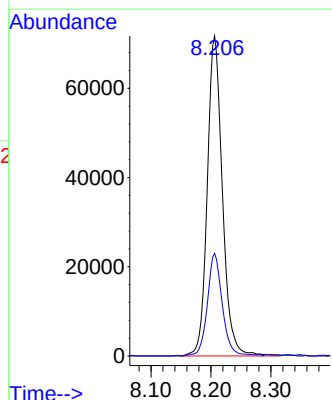
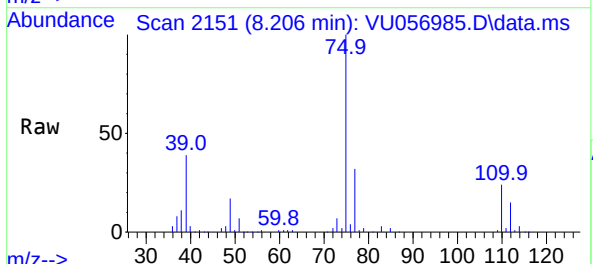
Instrument :
MSVOA_U
ClientSampleId :

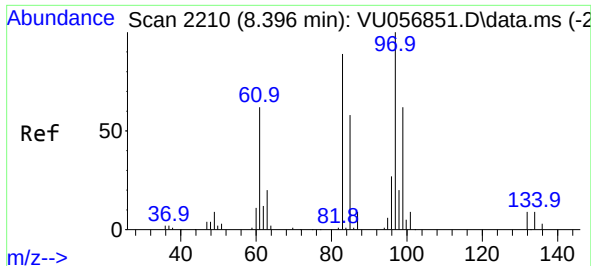
Tgt Ion: 91 Resp: 423255
Ion Ratio Lower Upper
91 100
92 58.6 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.499 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 75 Resp: 126114
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



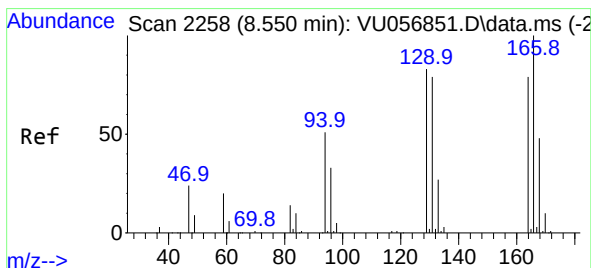
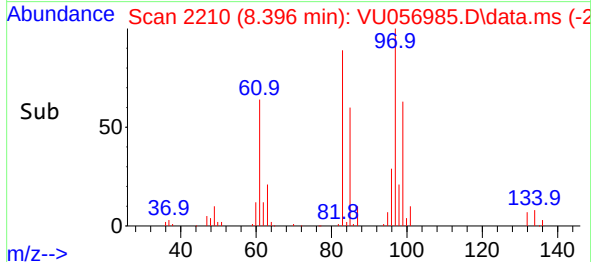
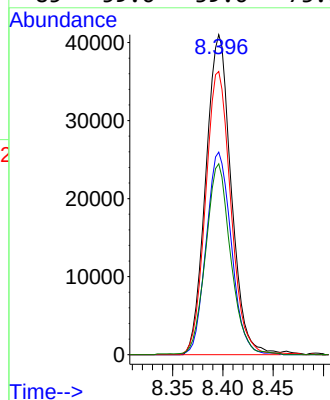
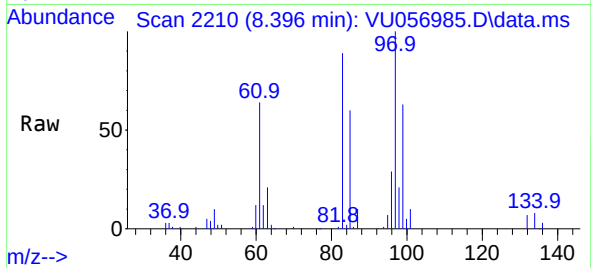


#45
1,1,2-Trichloroethane
Concen: 4.541 ug/L
RT: 8.396 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 72046

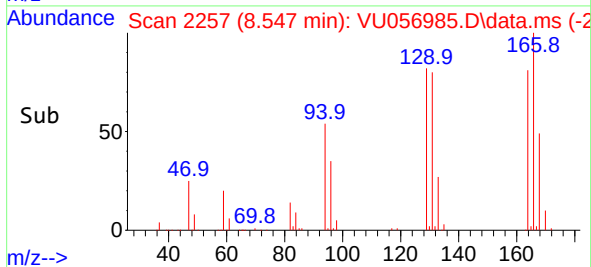
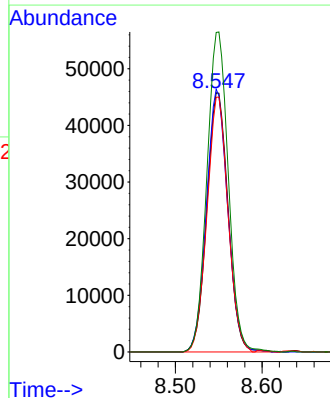
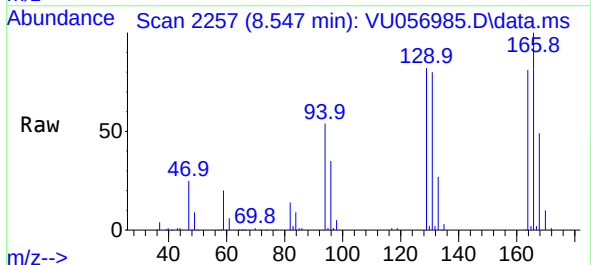
Ion	Ratio	Lower	Upper
97	100		
99	63.3	41.9	77.9
83	88.5	59.1	109.7
85	59.6	39.6	73.6

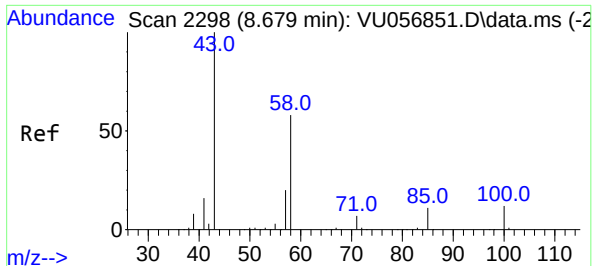


#47
Tetrachloroethene
Concen: 4.433 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 164 Resp: 78064

Ion	Ratio	Lower	Upper
164	100		
129	101.4	73.4	136.4
131	98.3	71.5	132.9
166	123.3	92.7	172.1

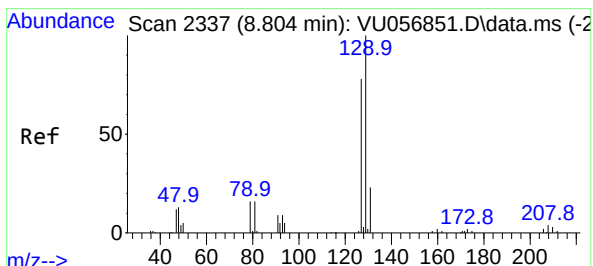
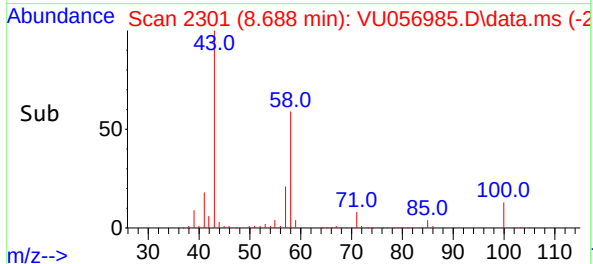
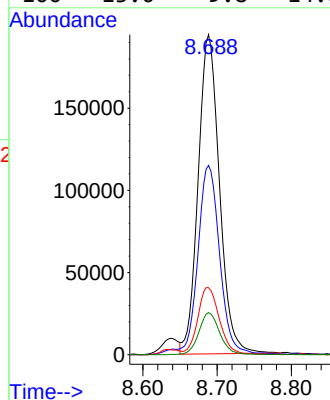
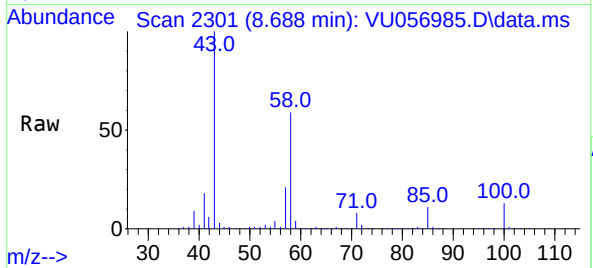




#48
2-Hexanone
Concen: 48.978 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

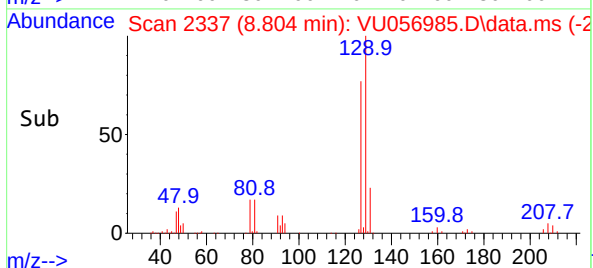
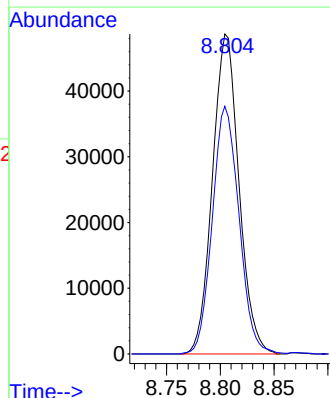
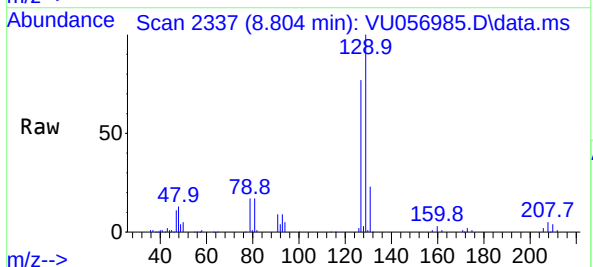
Instrument :
MSVOA_U
ClientSampleId :

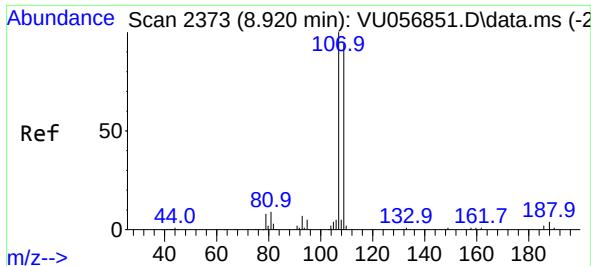
Tgt Ion: 43 Resp: 388691
Ion Ratio Lower Upper
43 100
58 59.0 47.5 71.3
57 21.3 17.0 25.4
100 13.0 9.8 14.8



#49
Dibromochloromethane
Concen: 4.580 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

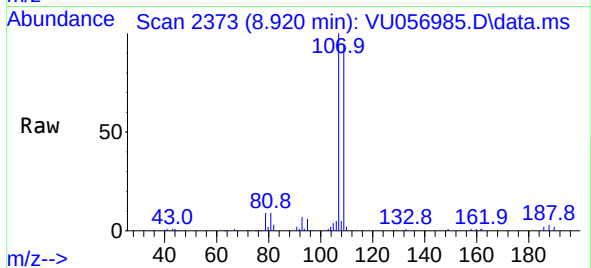
Tgt Ion: 129 Resp: 83516
Ion Ratio Lower Upper
129 100
127 77.4 53.9 100.1



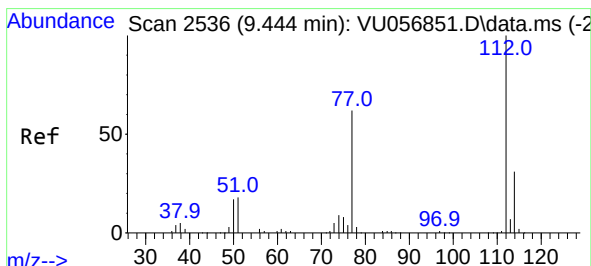
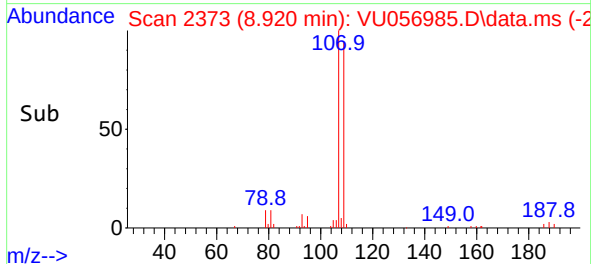
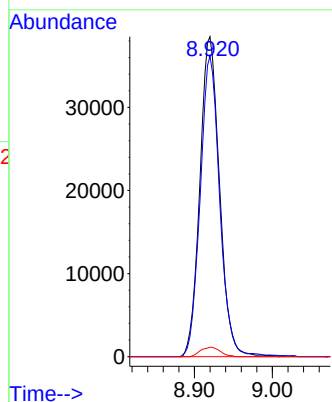


#50
1,2-Dibromoethane
Concen: 4.575 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Instrument :
MSVOA_U
ClientSampleId :

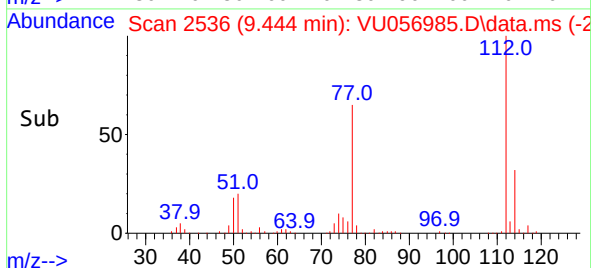
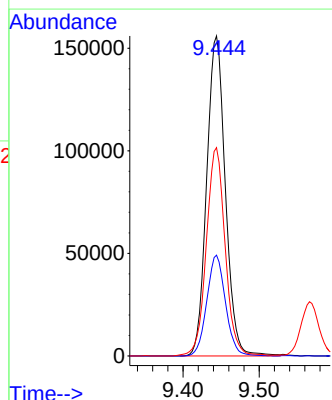
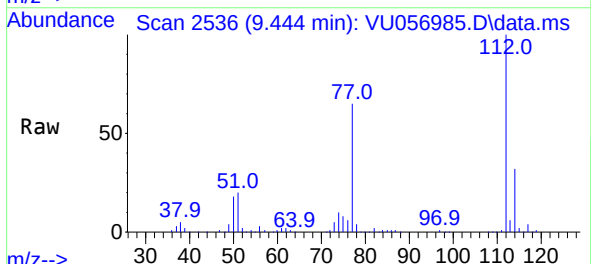


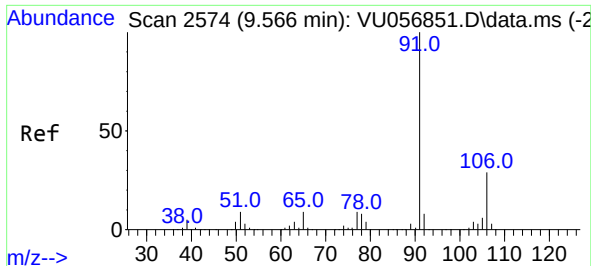
Tgt Ion:107 Resp: 67362
Ion Ratio Lower Upper
107 100
109 93.9 66.5 123.5
188 2.9 2.9 4.3



#51
Chlorobenzene
Concen: 4.395 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion:112 Resp: 265888
Ion Ratio Lower Upper
112 100
114 31.5 21.9 40.7
77 65.1 51.6 77.4

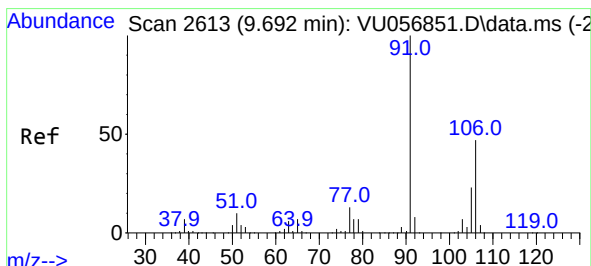
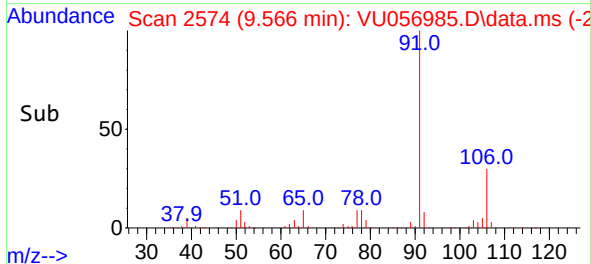
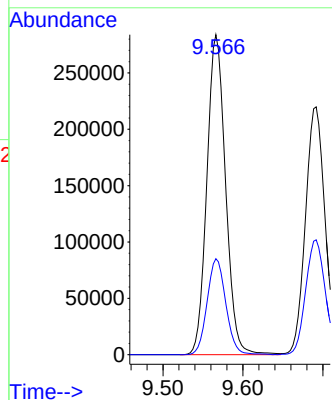
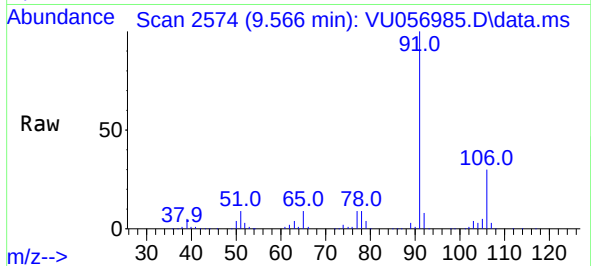




#52
Ethylbenzene
Concen: 4.416 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

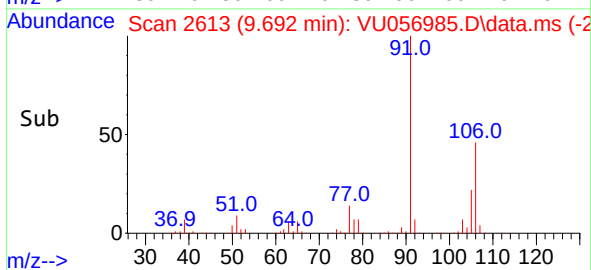
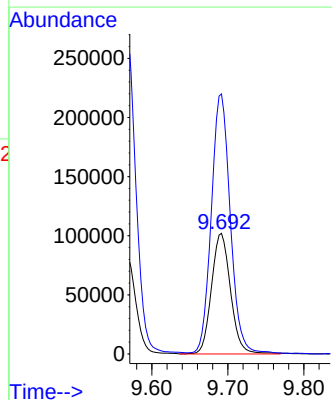
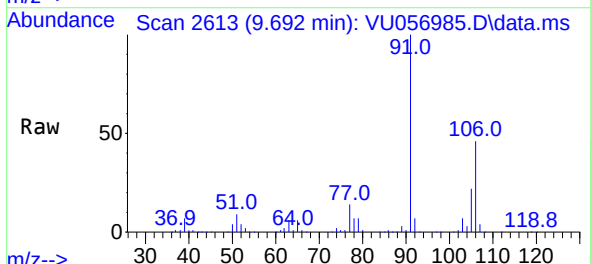
Instrument :
MSVOA_U
ClientSampleId :

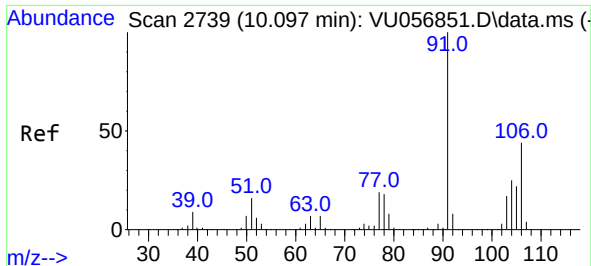
Tgt Ion: 91 Resp: 462320
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 4.548 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 106 Resp: 177408
Ion Ratio Lower Upper
106 100
91 215.6 154.0 286.0

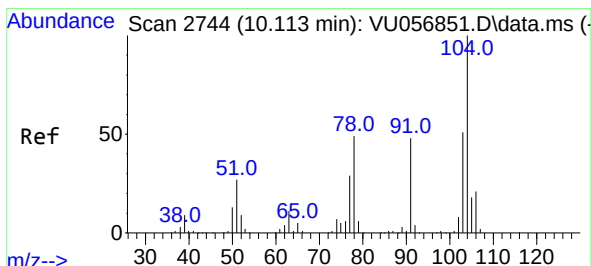
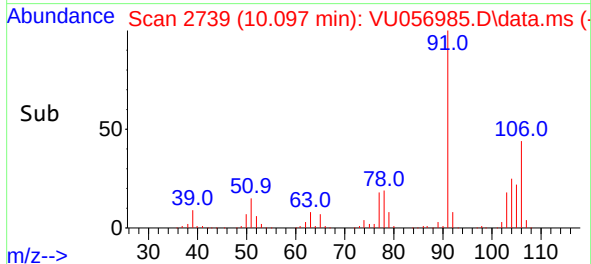
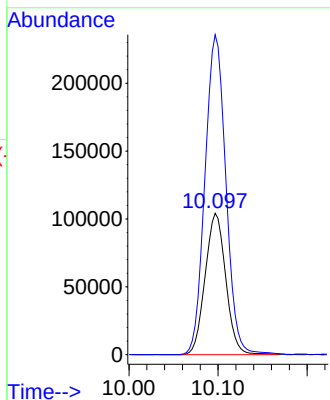
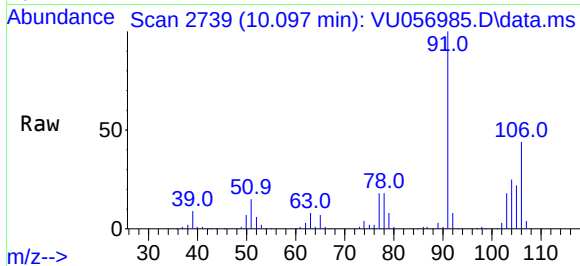




#54
o-Xylene
Concen: 4.514 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

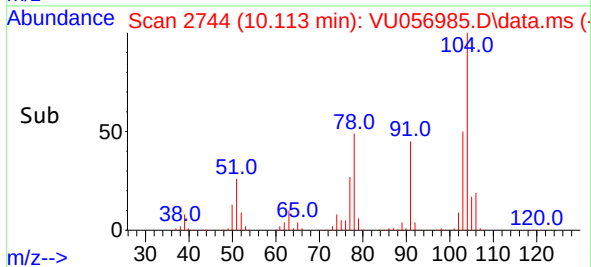
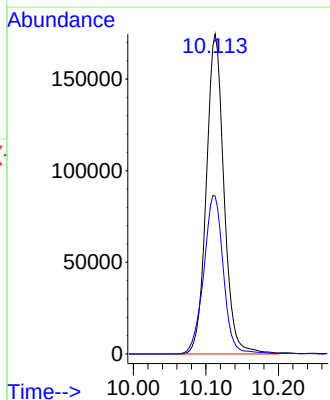
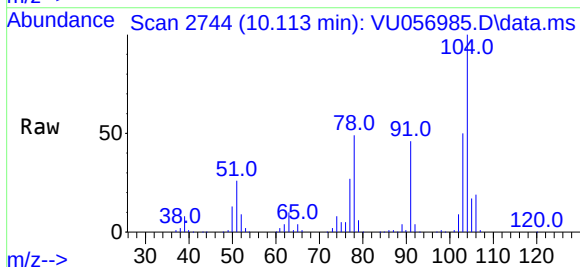
Instrument :
MSVOA_U
ClientSampleId :

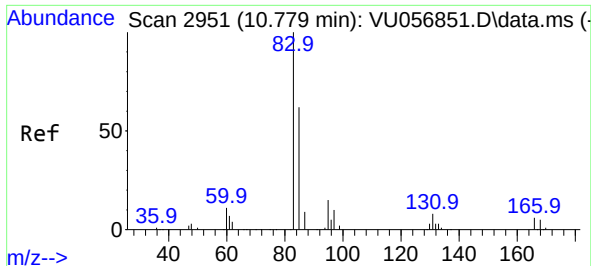
Tgt Ion:106 Resp: 167758
Ion Ratio Lower Upper
106 100
91 226.2 160.2 297.6



#55
Styrene
Concen: 4.849 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion:104 Resp: 295945
Ion Ratio Lower Upper
104 100
78 49.3 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.872 ug/L

RT: 10.782 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU056985.D

Acq: 18 Dec 2023 11:10

Instrument :

MSVOA_U

ClientSampleId :

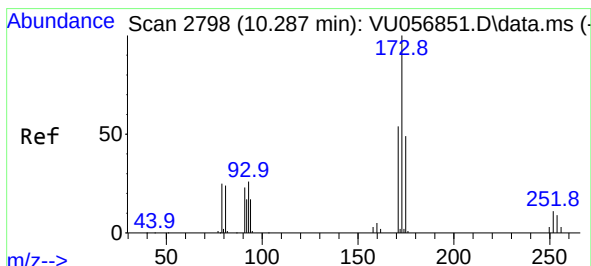
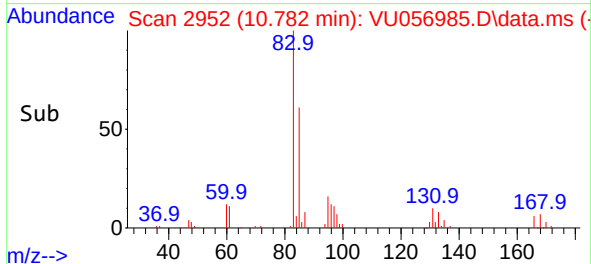
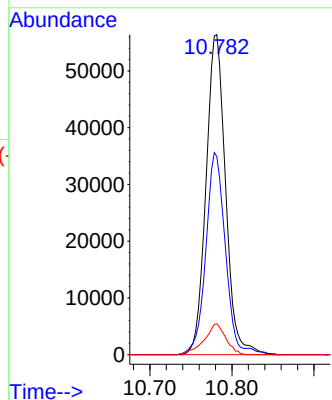
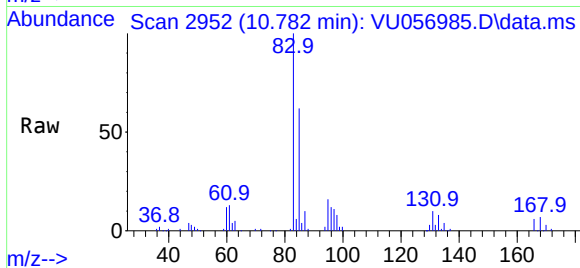
Tgt Ion: 83 Resp: 93372

Ion Ratio Lower Upper

83 100

85 61.9 45.4 84.4

131 9.7 6.6 9.8



#59

Bromoform

Concen: 4.655 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU056985.D

Acq: 18 Dec 2023 11:10

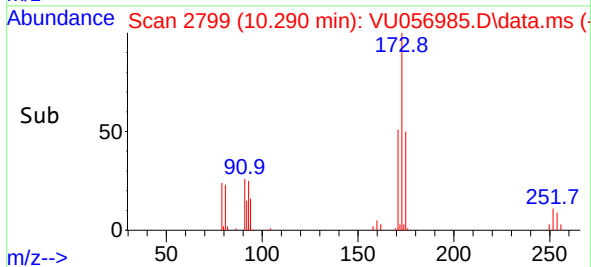
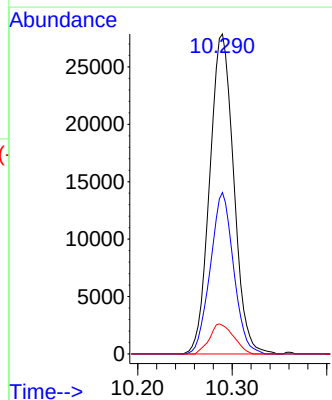
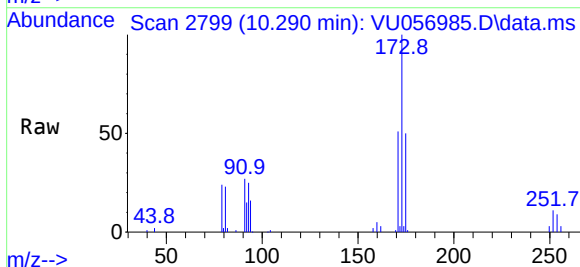
Tgt Ion:173 Resp: 49119

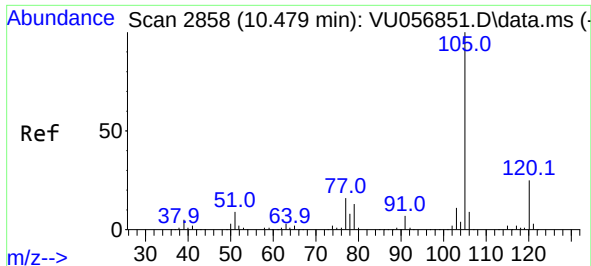
Ion Ratio Lower Upper

173 100

175 48.9 38.2 57.2

254 9.4 7.0 10.4



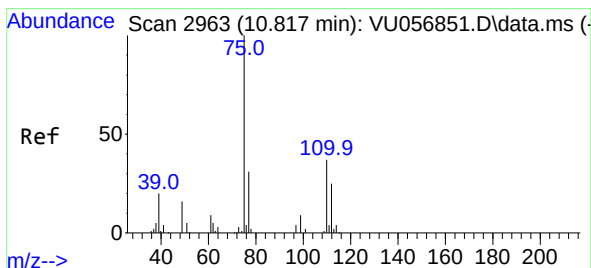
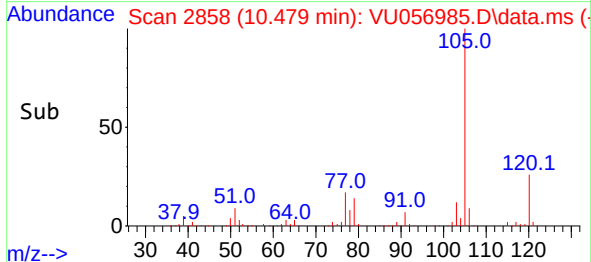
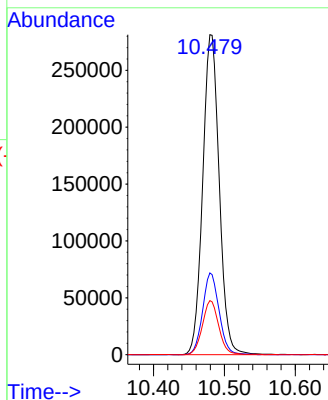
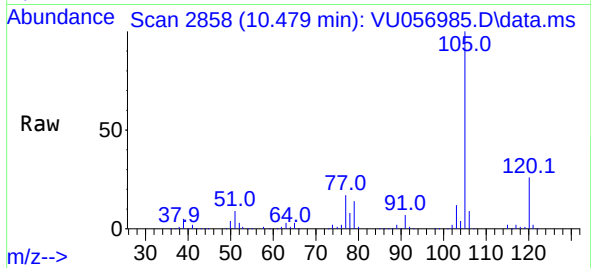


#60
Isopropylbenzene
Concen: 4.459 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 455239

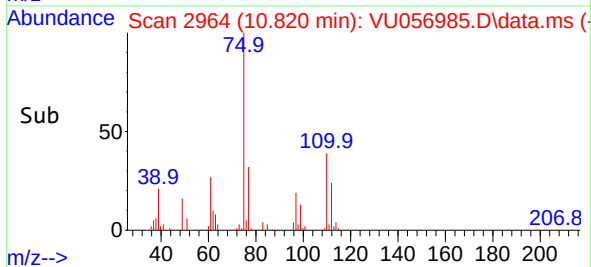
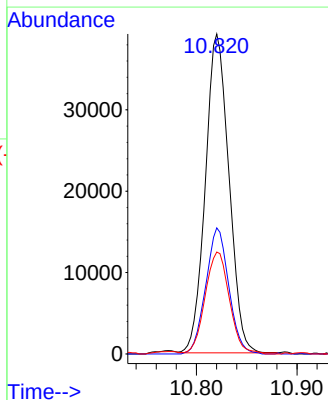
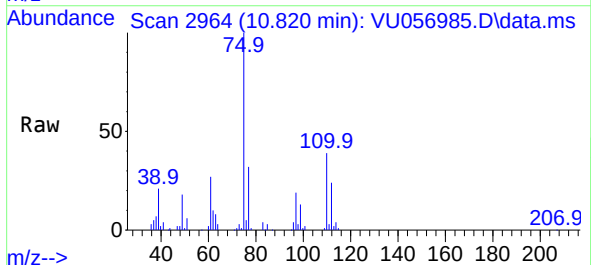
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.1	30.1
77	16.7	13.2	19.8

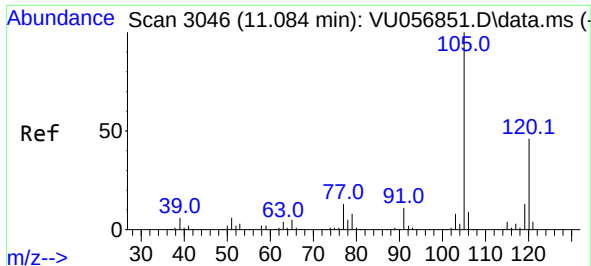


#61
1,2,3-Trichloropropane
Concen: 4.601 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion: 75 Resp: 63846

Ion	Ratio	Lower	Upper
75	100		
110	38.6	28.4	42.6
77	33.0	26.3	39.5

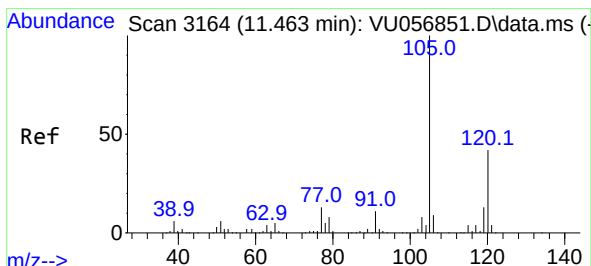
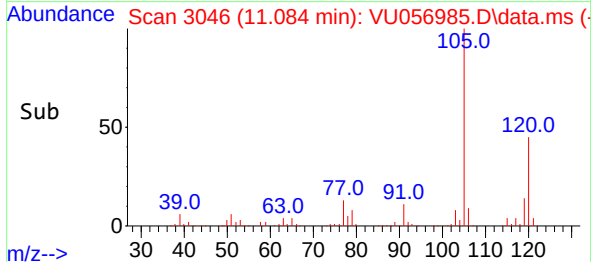
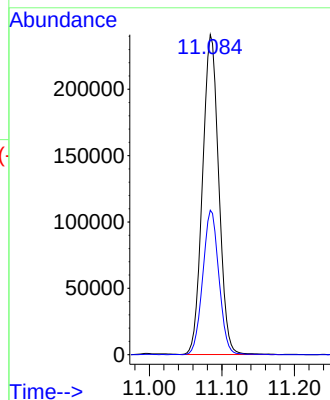
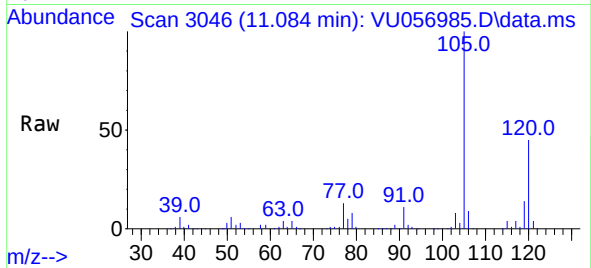




#62
1,3,5-Trimethylbenzene
Concen: 4.492 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

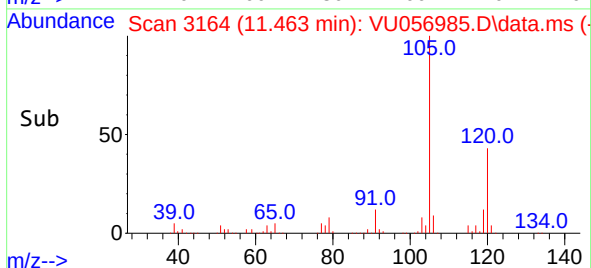
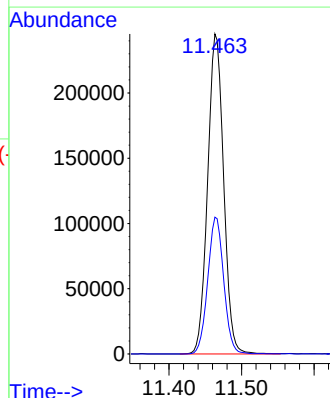
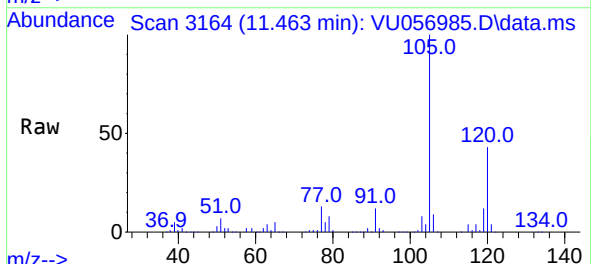
Instrument :
MSVOA_U
ClientSampleId :

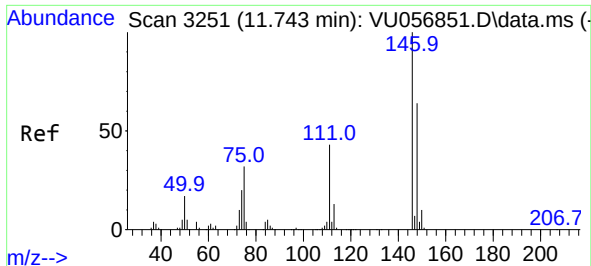
Tgt Ion:105 Resp: 374823
Ion Ratio Lower Upper
105 100
120 44.8 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 4.533 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

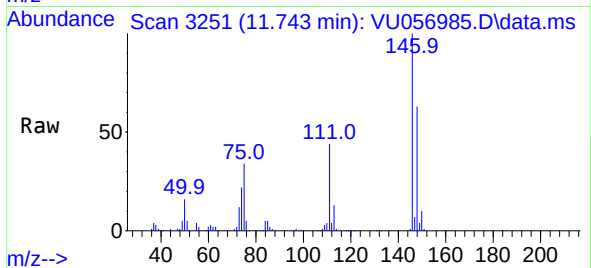
Tgt Ion:105 Resp: 375654
Ion Ratio Lower Upper
105 100
120 42.6 34.2 51.4



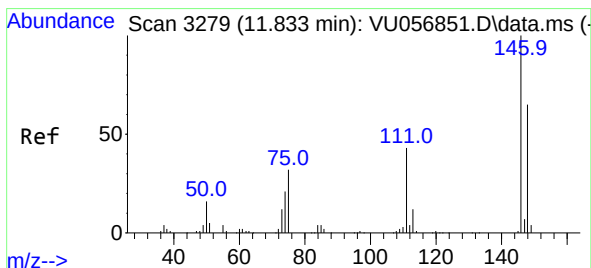
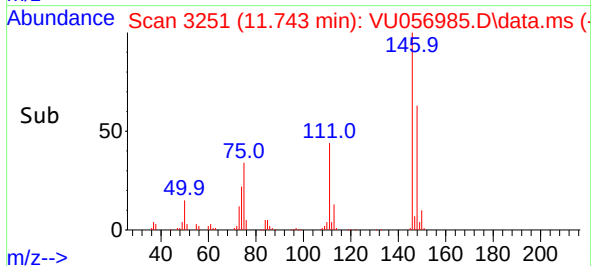
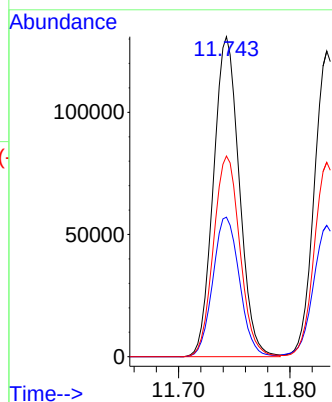


#64
1,3-Dichlorobenzene
Concen: 4.367 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Instrument :
MSVOA_U
ClientSampleId :

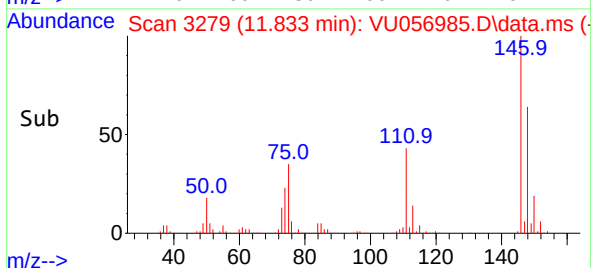
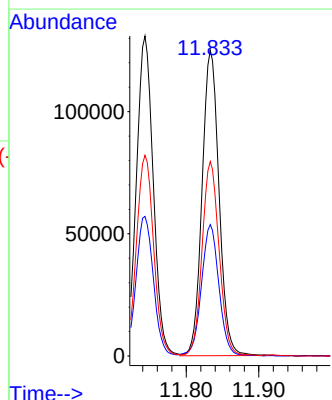
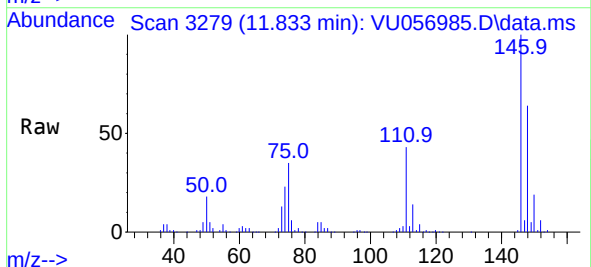


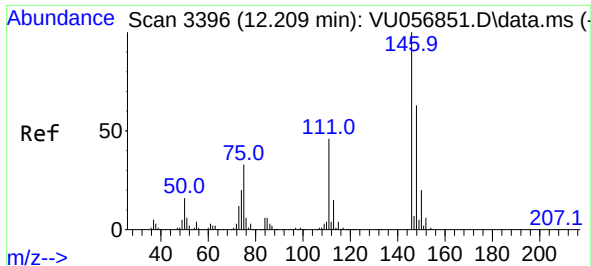
Tgt Ion:146 Resp: 210917
Ion Ratio Lower Upper
146 100
111 43.6 31.7 58.9
148 62.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.271 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

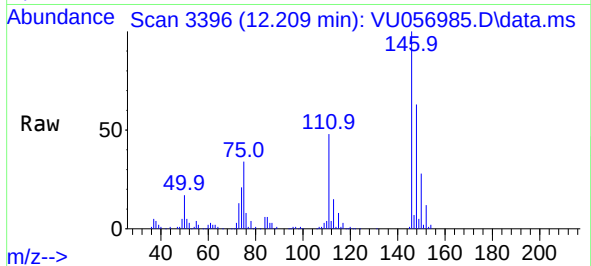
Tgt Ion:146 Resp: 203137
Ion Ratio Lower Upper
146 100
111 43.0 31.2 58.0
148 63.6 45.6 84.8



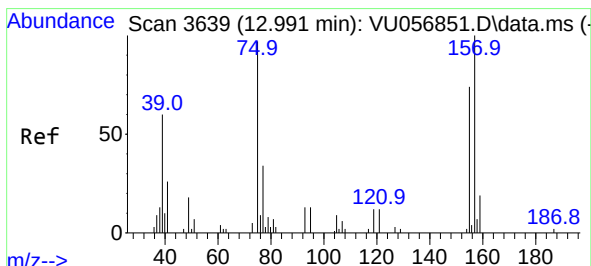
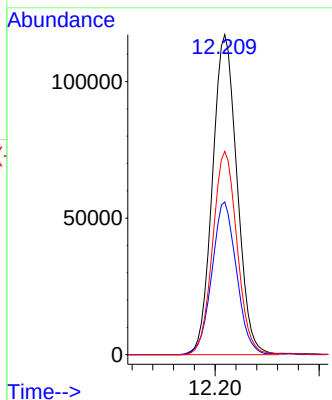
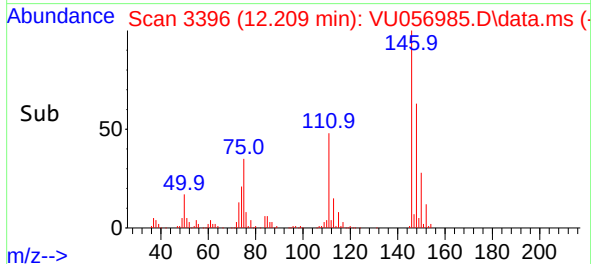


#67
1,2-Dichlorobenzene
Concen: 4.369 ug/L
RT: 12.209 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

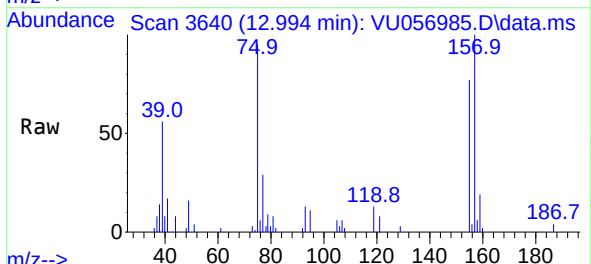
Instrument :
MSVOA_U
ClientSampleId :



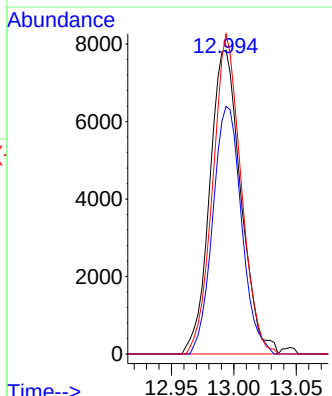
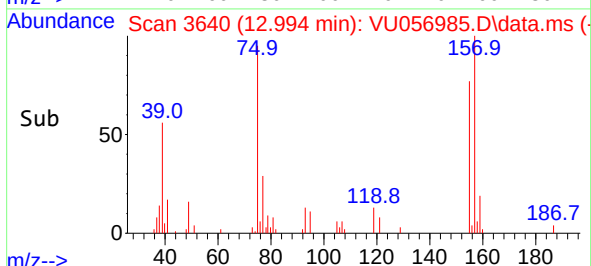
Tgt Ion:146 Resp: 192211
Ion Ratio Lower Upper
146 100
111 47.7 36.9 55.3
148 63.5 53.0 79.4

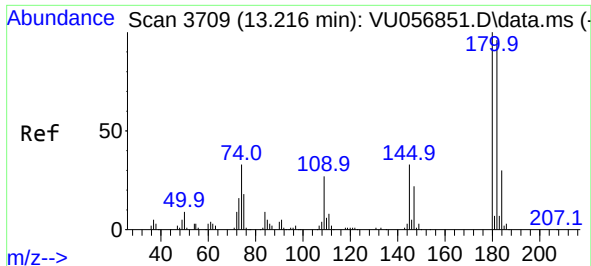


#68
1,2-Dibromo-3-chloropropane
Concen: 4.913 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10



Tgt Ion: 75 Resp: 13610
Ion Ratio Lower Upper
75 100
155 81.5 55.4 83.2
157 105.3 77.3 115.9





#69

1,3,5-Trichlorobenzene

Concen: 4.086 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

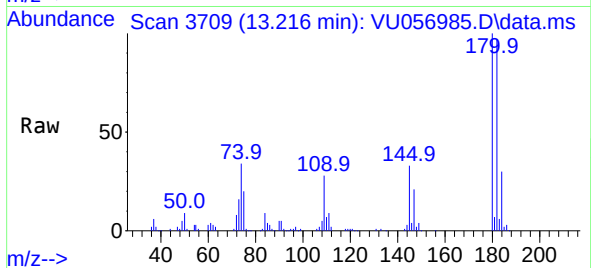
Lab File: VU056985.D

Acq: 18 Dec 2023 11:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 149109

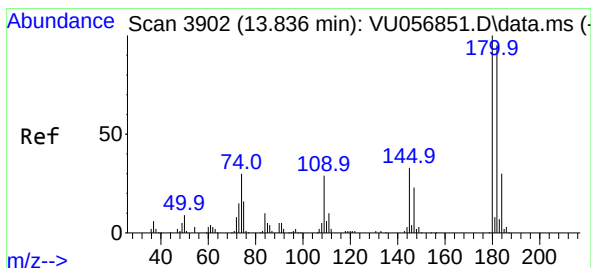
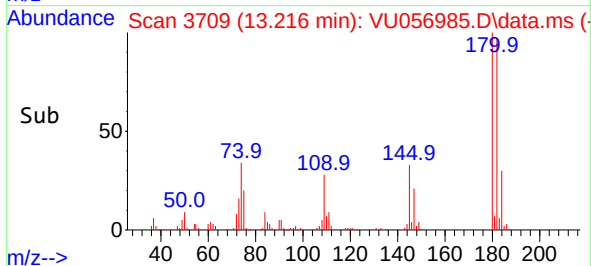
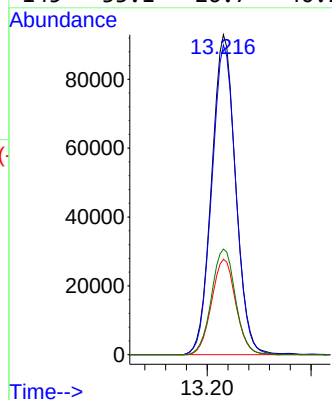
Ion Ratio Lower Upper

180 100

182 96.5 76.2 114.4

184 30.0 24.6 37.0

145 33.1 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 3.915 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU056985.D

Acq: 18 Dec 2023 11:10

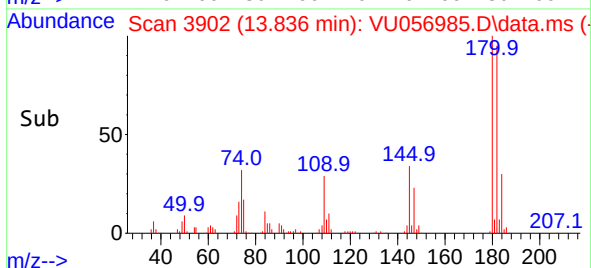
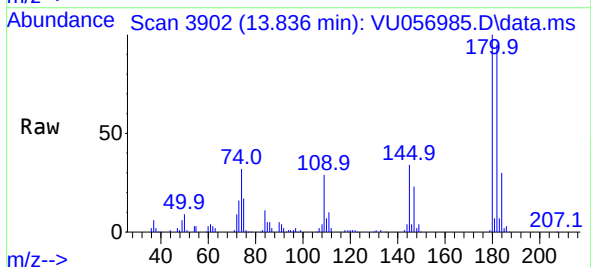
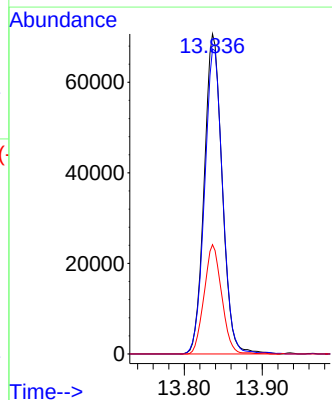
Tgt Ion:180 Resp: 113136

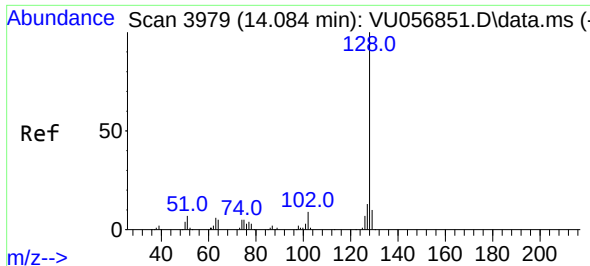
Ion Ratio Lower Upper

180 100

182 95.8 74.3 111.5

145 33.3 26.7 40.1

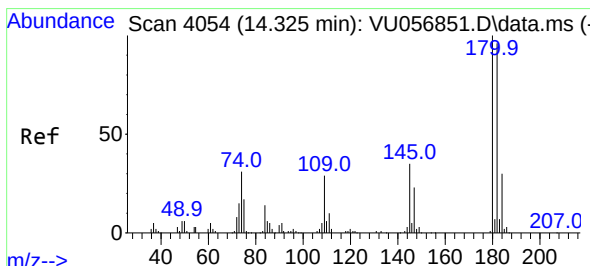
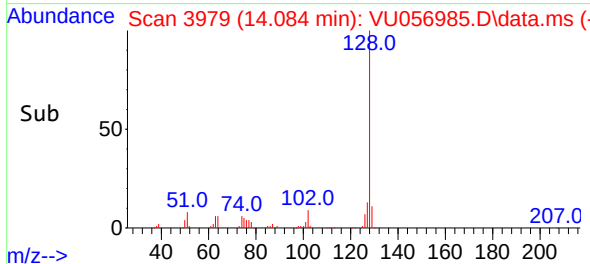
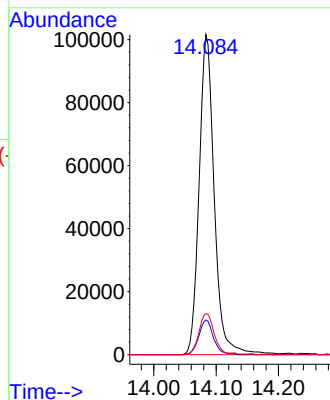
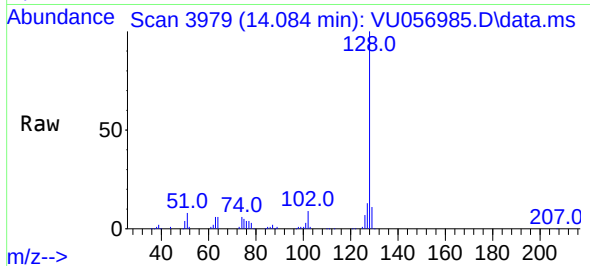




#71
Naphthalene
Concen: 4.054 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 171440
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.192 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056985.D
Acq: 18 Dec 2023 11:10

Tgt Ion:180 Resp: 102853
Ion Ratio Lower Upper
180 100
182 94.5 75.0 112.6
145 36.0 28.6 42.8

