

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059274.D
 Acq On : 17 Jun 2024 12:13
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 14:02:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	122579	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	122943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41888	4.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.907	69	40361	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.560	65	17889	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.615	46	97033	55.266	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.540%
24) Chloroform-d	5.055	84	84743	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	42478	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	174515	5.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.685	67	52514	5.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	160559	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.177	79	17896	5.512	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.200%
46) 2-Hexanone-d5	8.627	63	80520	59.690	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43966	5.132	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	59131	5.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	51282	4.937	ug/L	97
3) Chloromethane	1.515	50	54288	4.856	ug/L	97
5) Vinyl chloride	1.599	62	61414	4.973	ug/L	99
6) Bromomethane	1.849	94	39297	4.577	ug/L	97
8) Chloroethane	1.927	64	35962	4.833	ug/L	98
9) Trichlorofluoromethane	2.132	101	73984	4.977	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45116	4.794	ug/L	94
12) 1,1-Dichloroethene	2.573	96	42333	4.869	ug/L	88
13) Acetone	2.618	43	59143	51.929	ug/L	94
14) Carbon disulfide	2.785	76	140992	4.861	ug/L	99
15) Methyl Acetate	2.943	43	16199	5.390	ug/L #	88
16) Methylene chloride	3.036	84	54904	5.329	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	99735	5.324	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	45180	4.997	ug/L	93
19) 1,1-Dichloroethane	3.859	63	83348	4.999	ug/L	99
21) 2-Butanone	4.692	43	104969	57.462	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	49561	4.973	ug/L	96
23) Bromochloromethane	4.968	128	23754	5.228	ug/L #	84
25) Chloroform	5.081	83	85845	4.888	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059274.D
 Acq On : 17 Jun 2024 12:13
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 14:02:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

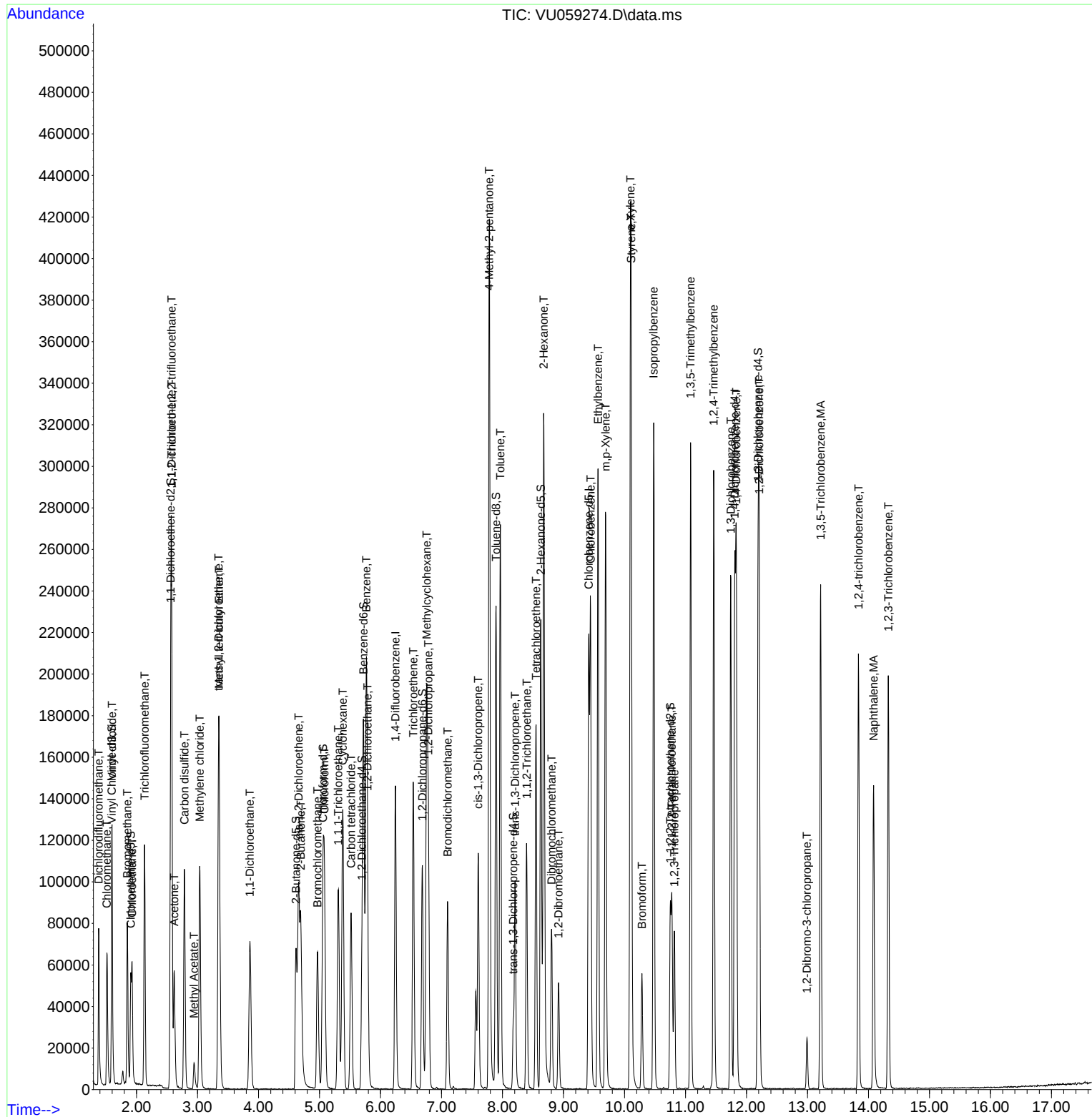
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	55079	5.176	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	69969	4.928	ug/L	97
30) Cyclohexane	5.380	56	65888	5.257	ug/L	96
31) Carbon tetrachloride	5.518	117	57694	4.853	ug/L	100
33) Benzene	5.769	78	189620	5.079	ug/L	100
34) Trichloroethene	6.537	95	51274	5.071	ug/L	97
35) Methylcyclohexane	6.759	83	74628	5.187	ug/L	94
37) 1,2-Dichloropropane	6.785	63	49481	5.121	ug/L	99
38) Bromodichloromethane	7.100	83	61035	5.061	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	69637	5.270	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	258040	57.638	ug/L	96
42) Toluene	7.965	91	205558	5.200	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	57951	5.464	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	37292	5.238	ug/L	98
47) Tetrachloroethene	8.550	164	39533	5.039	ug/L	99
48) 2-Hexanone	8.675	43	194098	60.748	ug/L	95
49) Dibromochloromethane	8.804	129	40784	5.171	ug/L	99
50) 1,2-Dibromoethane	8.920	107	35161	5.348	ug/L	99
51) Chlorobenzene	9.444	112	129708	5.174	ug/L	96
52) Ethylbenzene	9.566	91	212522	5.241	ug/L	97
53) m,p-Xylene	9.692	106	83493	5.362	ug/L	98
54) o-Xylene	10.097	106	79823	5.401	ug/L	95
55) Styrene	10.110	104	138012	5.486	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	46034	5.330	ug/L	99
59) Bromoform	10.286	173	25671	5.168	ug/L	97
60) Isopropylbenzene	10.479	105	209468	5.225	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	32904	5.486	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	167184	5.263	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	165843	5.461	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	105536	5.175	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	105496	5.026	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	99517	5.186	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6983	5.969	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	77903	5.161	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	66769	5.766	ug/L	99
71) Naphthalene	14.084	128	128578	7.758	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	63789	5.933	ug/L	99

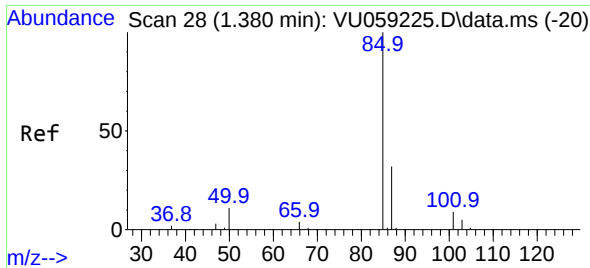
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
Data File : VU059274.D
Acq On : 17 Jun 2024 12:13
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 17 14:02:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 17 12:07:46 2024
Response via : Initial Calibration

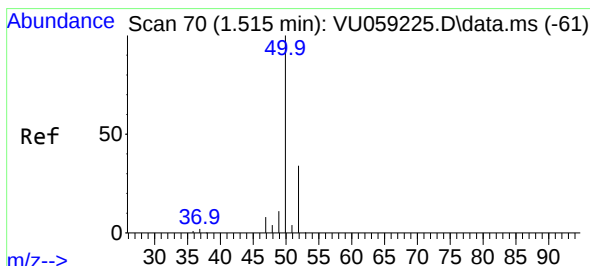
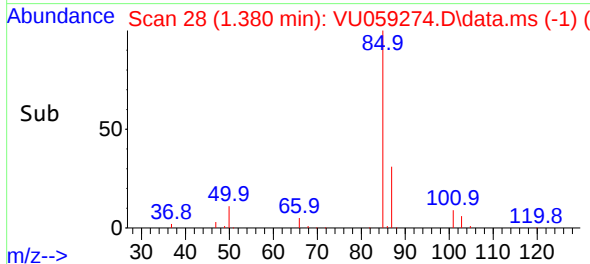
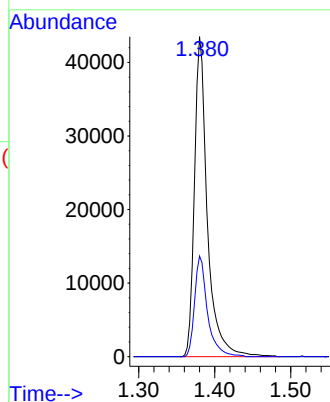
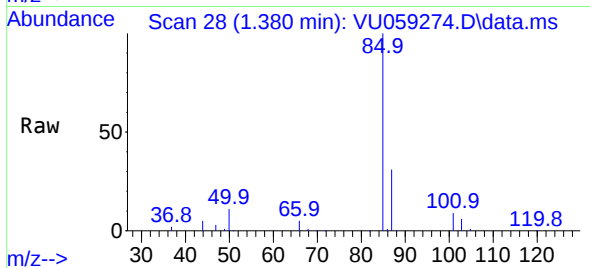




#2
 Dichlorodifluoromethane
 Concen: 4.937 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059274.D
 Acq: 17 Jun 2024 12:13

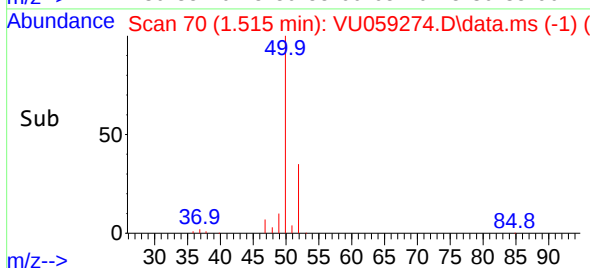
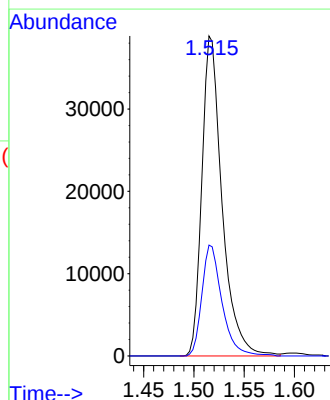
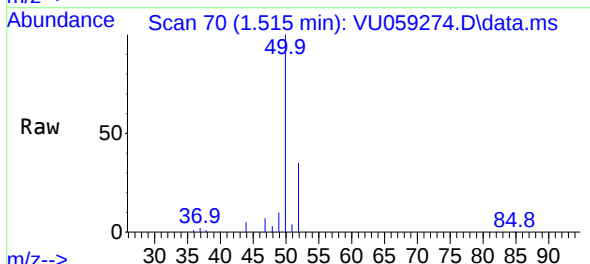
Instrument :
 MSVOA_U
 ClientSampleId :

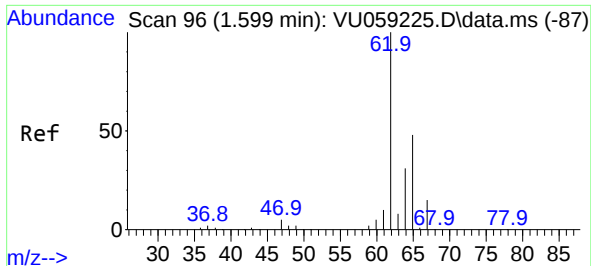
Tgt Ion: 85 Resp: 51282
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.6 40.0



#3
 Chloromethane
 Concen: 4.856 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU059274.D
 Acq: 17 Jun 2024 12:13

Tgt Ion: 50 Resp: 54288
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.2 43.0

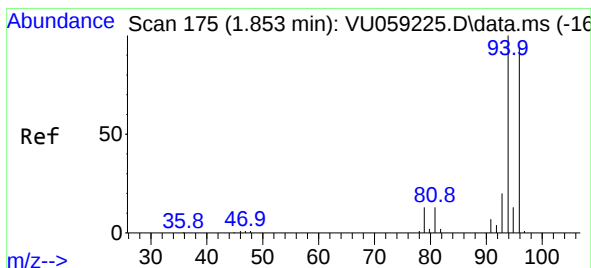
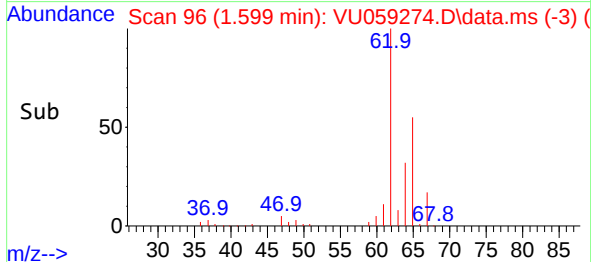
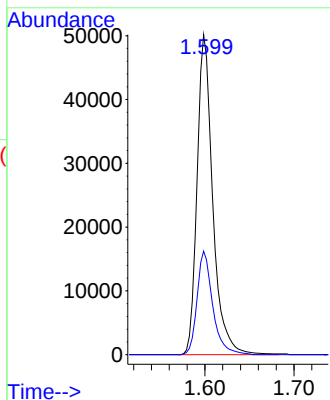
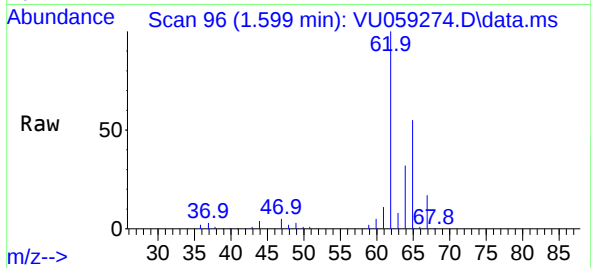




#5
 Vinyl chloride
 Concen: 4.973 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU059274.D
 Acq: 17 Jun 2024 12:13

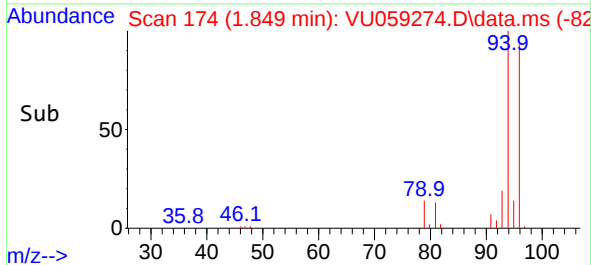
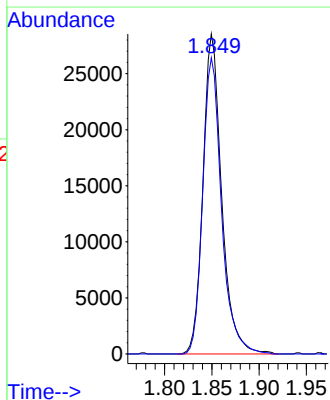
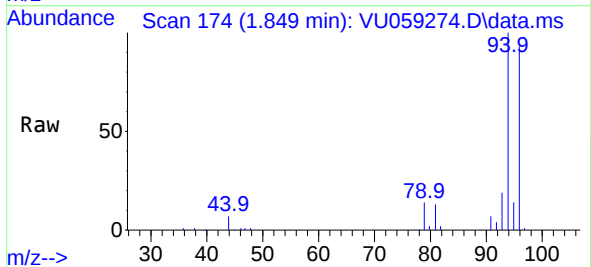
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 62 Resp: 61414
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9

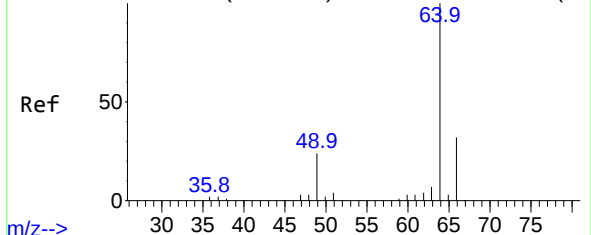


#6
 Bromomethane
 Concen: 4.577 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU059274.D
 Acq: 17 Jun 2024 12:13

Tgt Ion: 94 Resp: 39297
 Ion Ratio Lower Upper
 94 100
 96 92.5 62.9 116.9



Abundance Scan 199 (1.930 min): VU059225.D\data.ms (-18



#8

Chloroethane

Concen: 4.833 ug/L

RT: 1.927 min Scan# 19

Delta R.T. -0.003 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

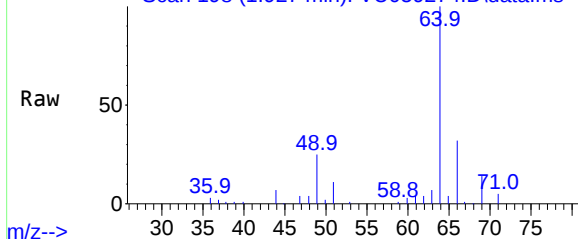
Tgt Ion: 64 Resp: 35962

Ion Ratio Lower Upper

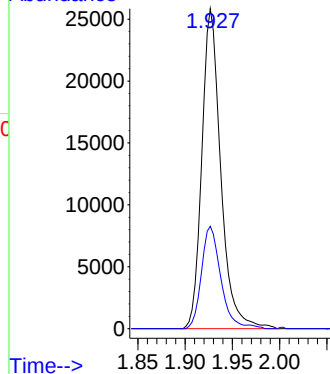
64 100

66 32.0 23.2 43.2

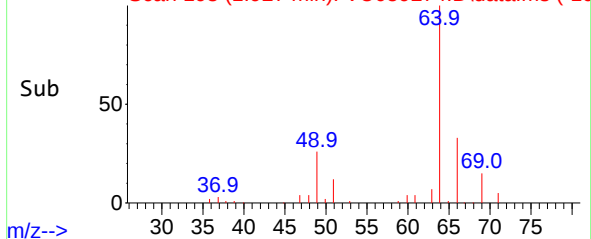
Abundance Scan 198 (1.927 min): VU059274.D\data.ms



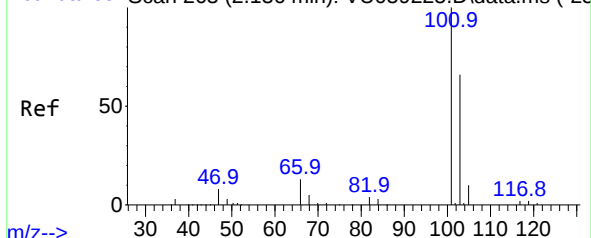
Abundance



Abundance Scan 198 (1.927 min): VU059274.D\data.ms (-10



Abundance Scan 263 (2.136 min): VU059225.D\data.ms (-25



#9

Trichlorofluoromethane

Concen: 4.977 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

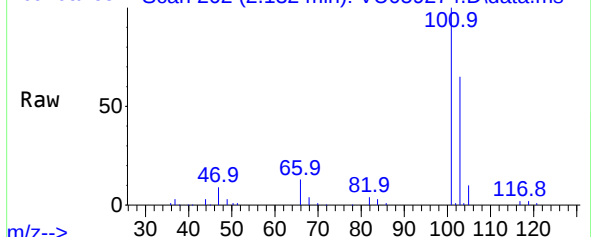
Tgt Ion:101 Resp: 73984

Ion Ratio Lower Upper

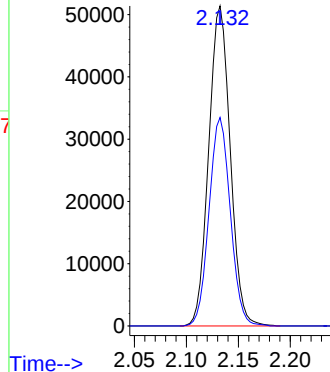
101 100

103 64.5 52.6 79.0

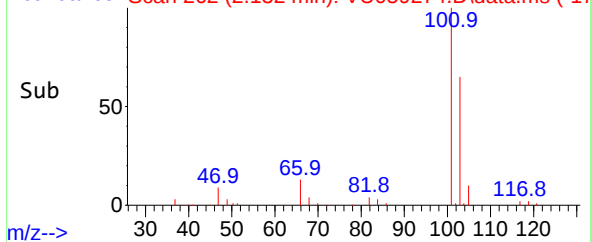
Abundance Scan 262 (2.132 min): VU059274.D\data.ms

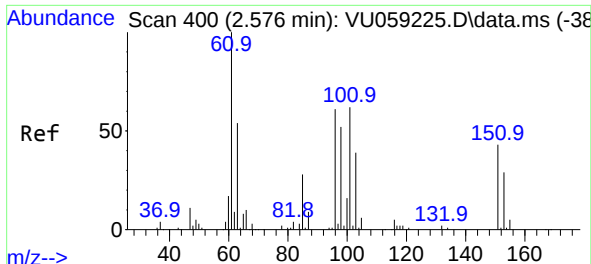


Abundance



Abundance Scan 262 (2.132 min): VU059274.D\data.ms (-17

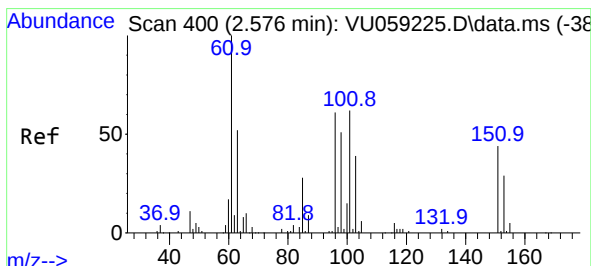
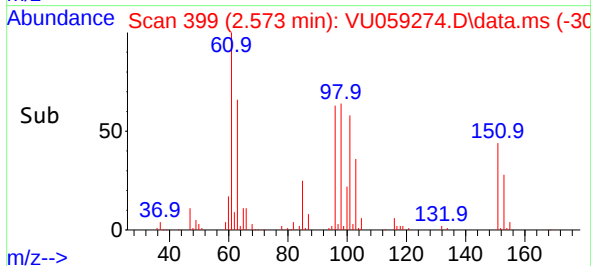
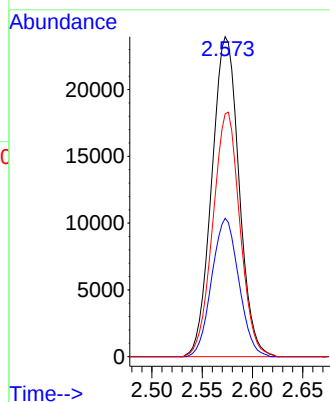
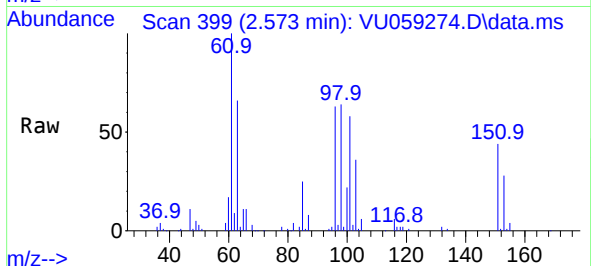




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.794 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

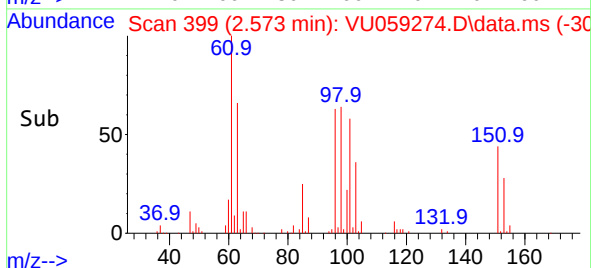
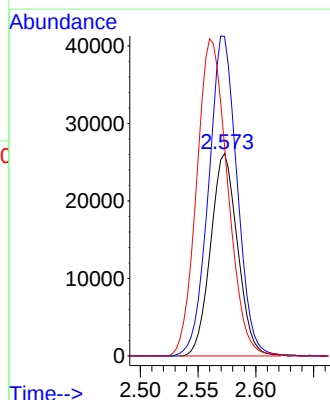
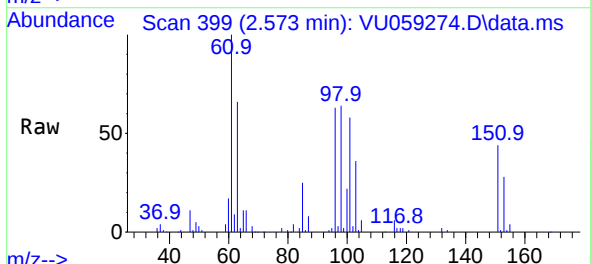
Instrument :
MSVOA_U
ClientSampleId :

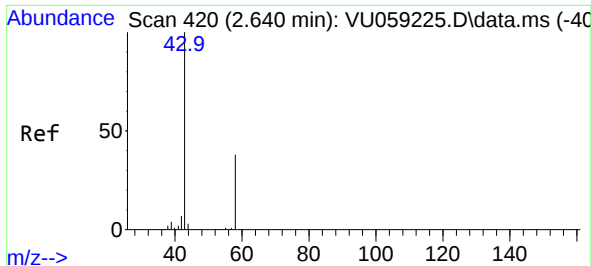
Tgt Ion:101 Resp: 45116
Ion Ratio Lower Upper
101 100
85 42.9 36.2 54.4
151 76.0 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.869 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 96 Resp: 42333
Ion Ratio Lower Upper
96 100
61 157.8 122.9 228.3
63 104.0 80.4 149.4





#13

Acetone

Concen: 51.929 ug/L

RT: 2.618 min Scan# 41

Delta R.T. -0.023 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

Instrument :

MSVOA_U

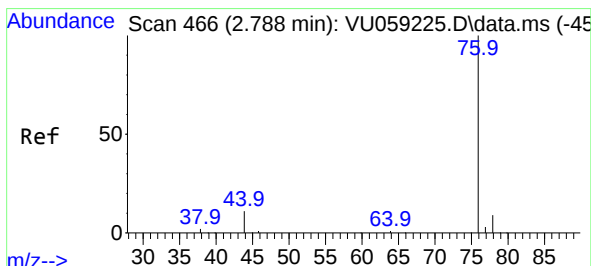
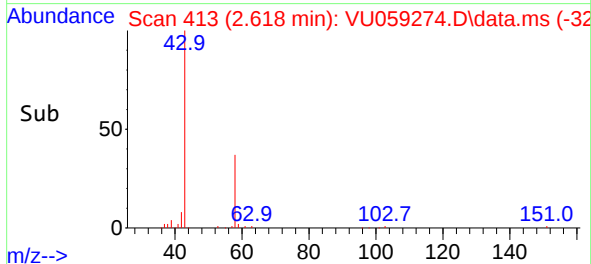
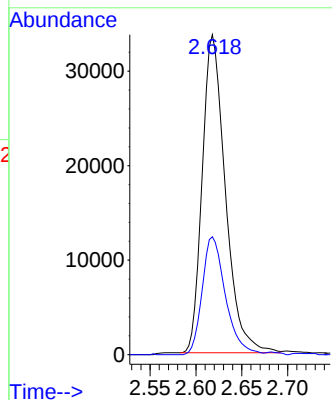
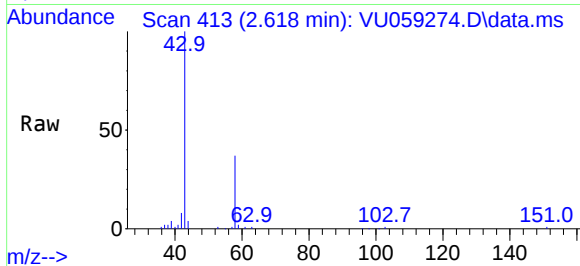
ClientSampleId :

Tgt Ion: 43 Resp: 59143

Ion Ratio Lower Upper

43 100

58 37.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.861 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059274.D

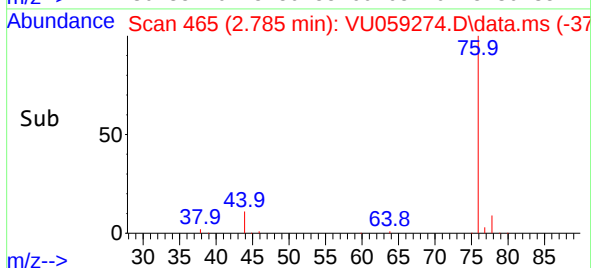
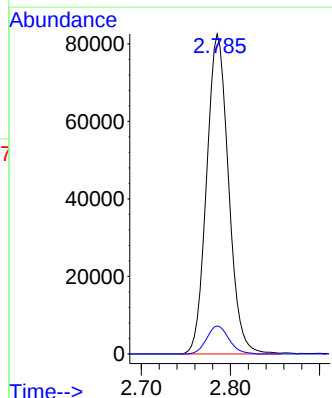
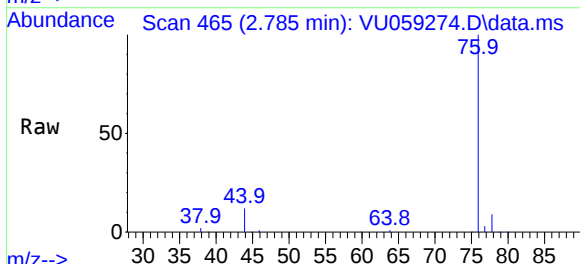
Acq: 17 Jun 2024 12:13

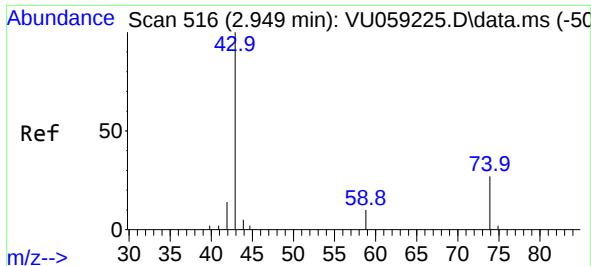
Tgt Ion: 76 Resp: 140992

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

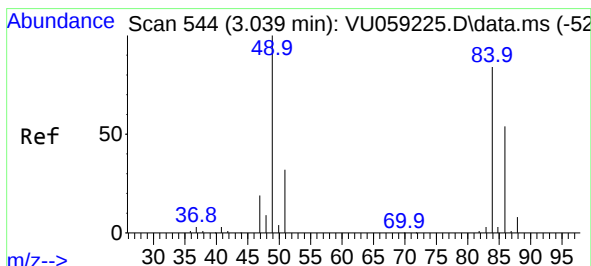
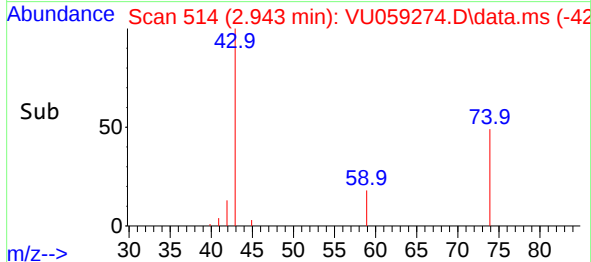
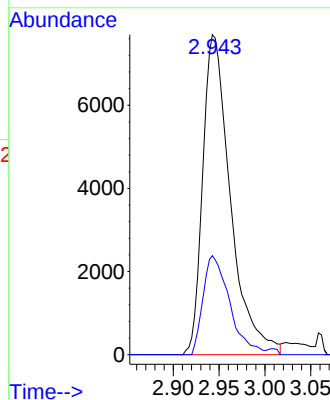
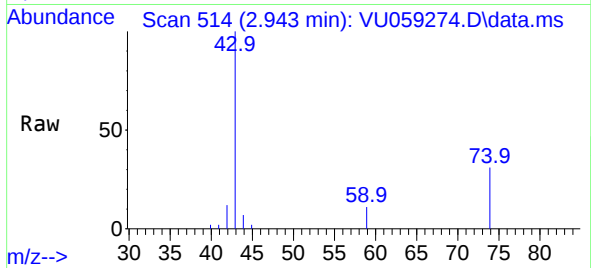




#15
Methyl Acetate
Concen: 5.390 ug/L
RT: 2.943 min Scan# 516
Delta R.T. -0.007 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

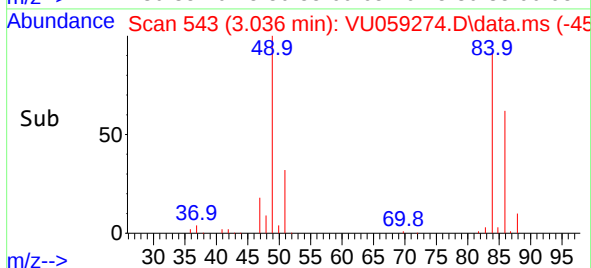
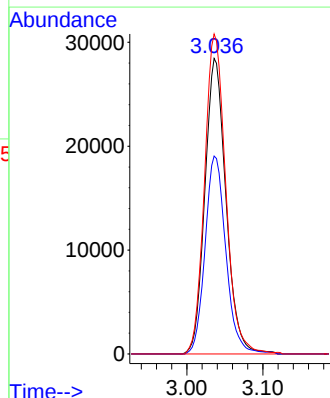
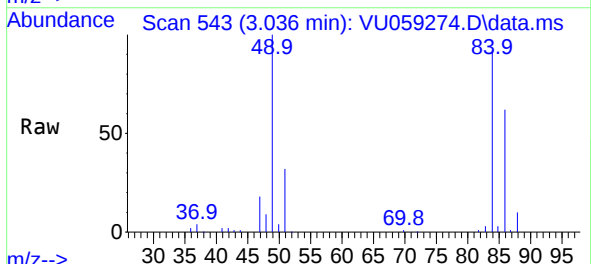
Instrument :
MSVOA_U
ClientSampleId :

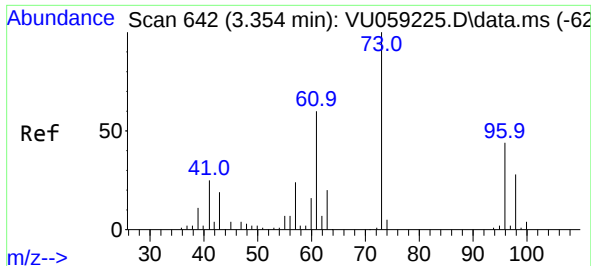
Tgt Ion: 43 Resp: 16199
Ion Ratio Lower Upper
43 100
74 29.7 19.2 28.8#



#16
Methylene chloride
Concen: 5.329 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 84 Resp: 54904
Ion Ratio Lower Upper
84 100
86 67.0 42.1 78.1
49 108.3 80.6 149.8

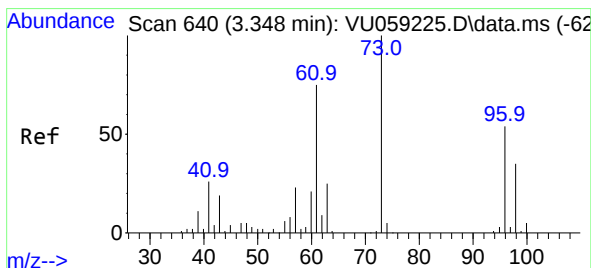
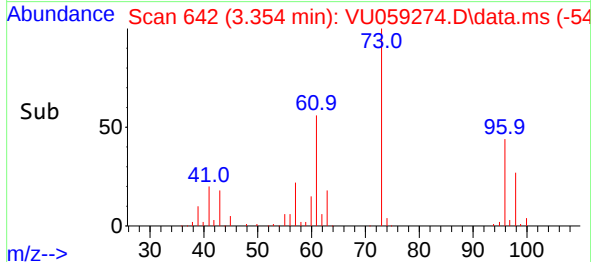
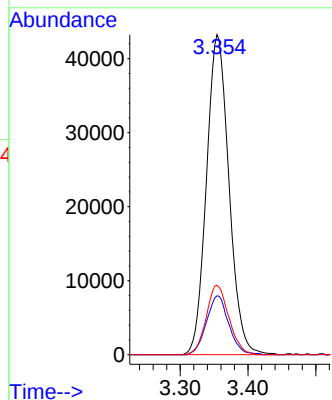
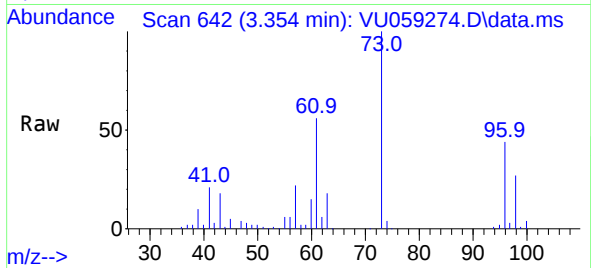




#17
Methyl tert-butyl Ether
Concen: 5.324 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

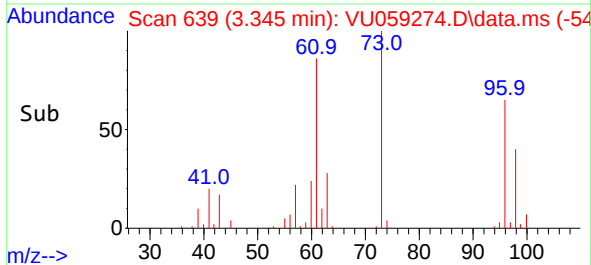
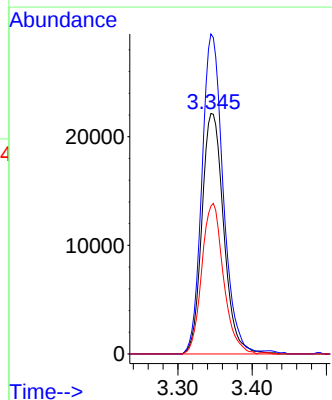
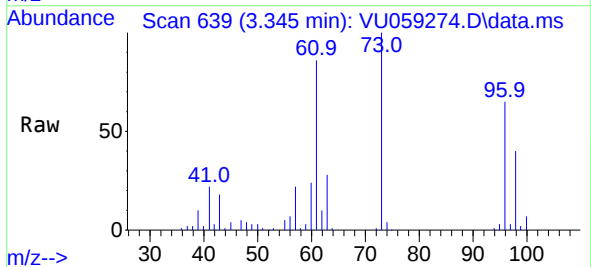
Instrument :
MSVOA_U
ClientSampleId :

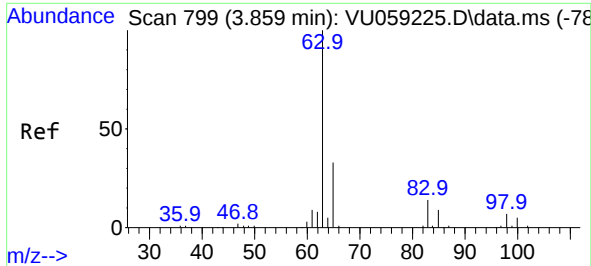
Tgt Ion: 73 Resp: 99735
Ion Ratio Lower Upper
73 100
43 18.3 14.9 22.3
57 21.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.997 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

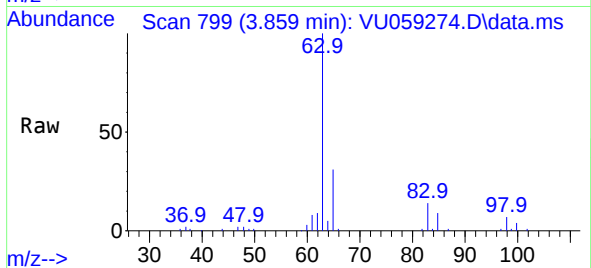
Tgt Ion: 96 Resp: 45180
Ion Ratio Lower Upper
96 100
61 133.1 101.8 189.0
98 61.5 43.3 80.5



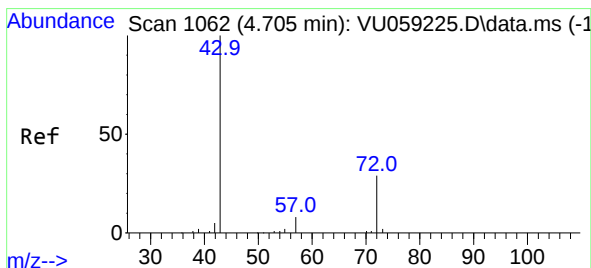
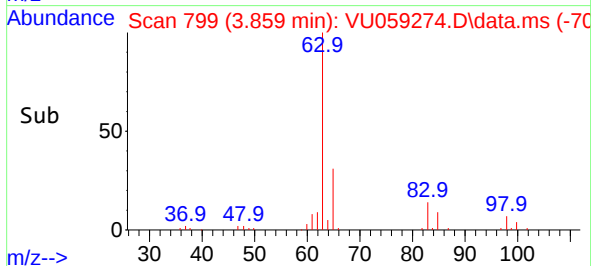
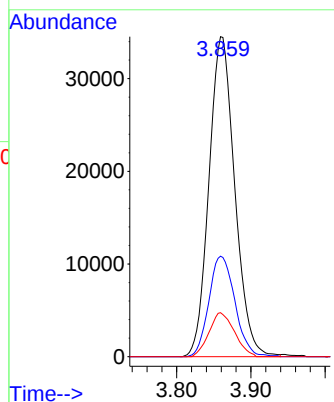


#19
1,1-Dichloroethane
Concen: 4.999 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

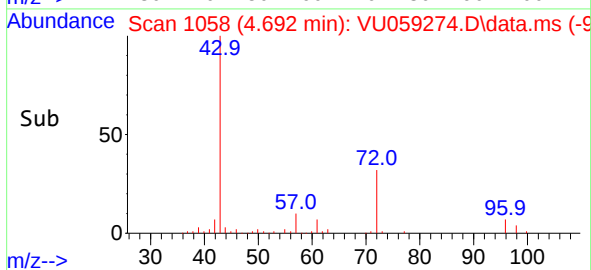
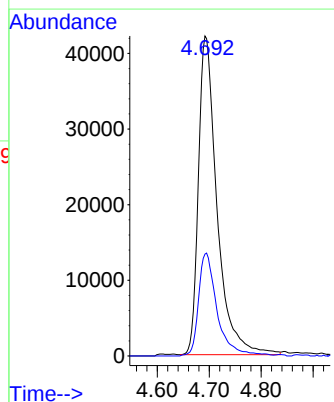
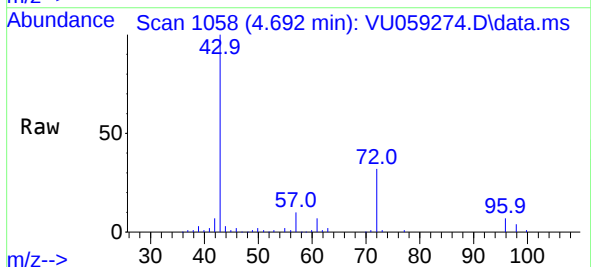


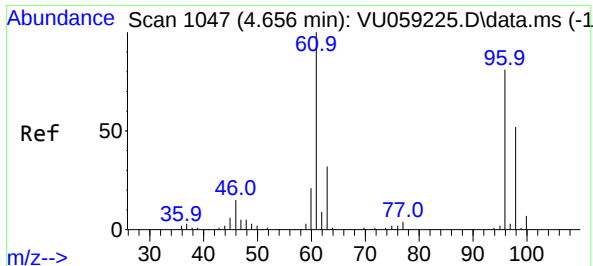
Tgt Ion: 63 Resp: 83348
Ion Ratio Lower Upper
63 100
65 31.4 21.8 40.6
83 13.7 9.9 18.5



#21
2-Butanone
Concen: 57.462 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.013 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

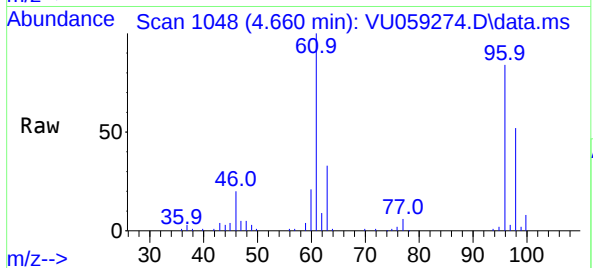
Tgt Ion: 43 Resp: 104969
Ion Ratio Lower Upper
43 100
72 32.2 13.8 41.4



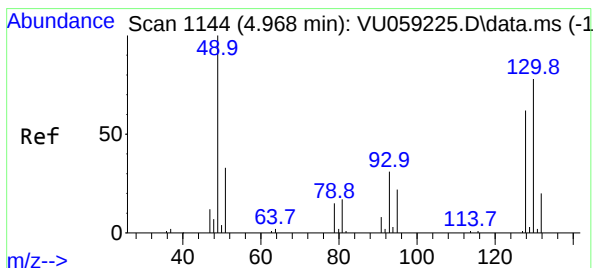
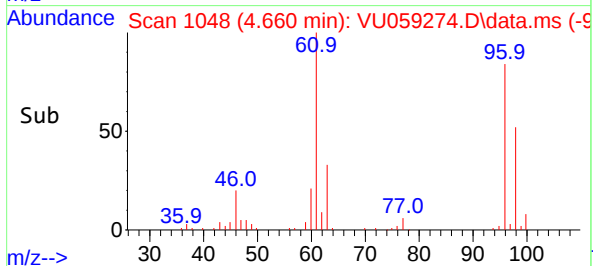
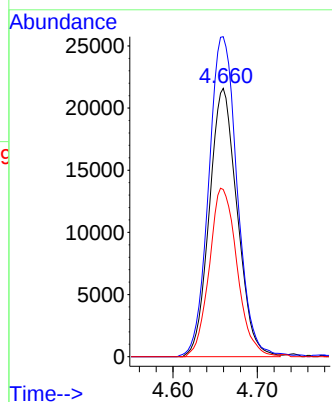


#22
cis-1,2-Dichloroethene
Concen: 4.973 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

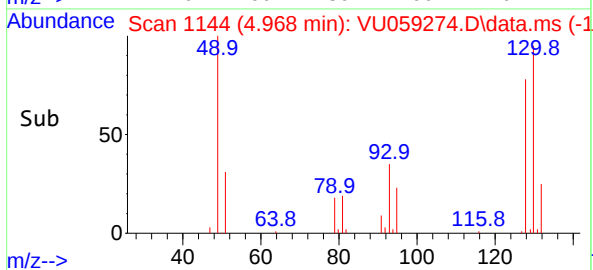
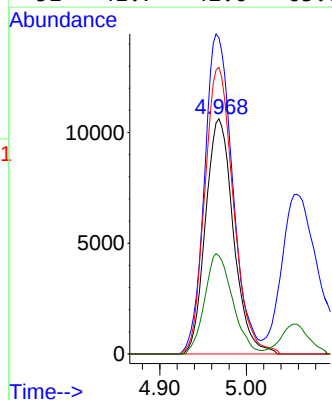
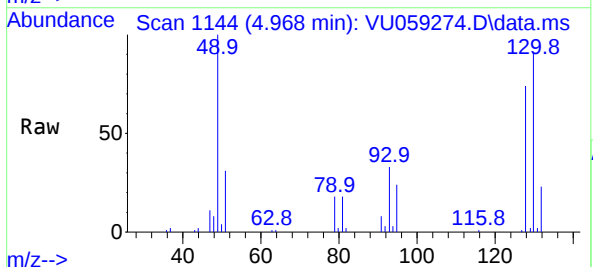


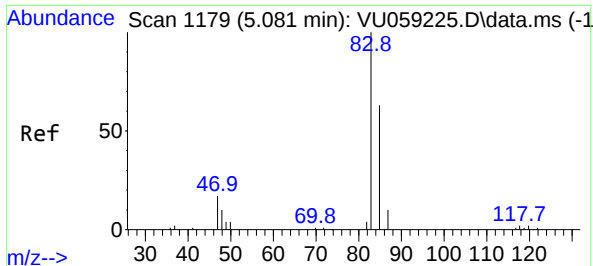
Tgt Ion: 96 Resp: 49561
Ion Ratio Lower Upper
96 100
61 119.2 87.4 162.2
98 62.3 42.3 78.5



#23
Bromochloromethane
Concen: 5.228 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 128 Resp: 23754
Ion Ratio Lower Upper
128 100
49 134.4 117.0 217.4
130 121.8 89.6 166.4
51 41.7 42.0 63.0#





#25

Chloroform

Concen: 4.888 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

Instrument :

MSVOA_U

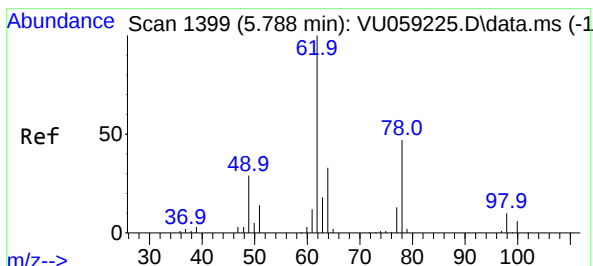
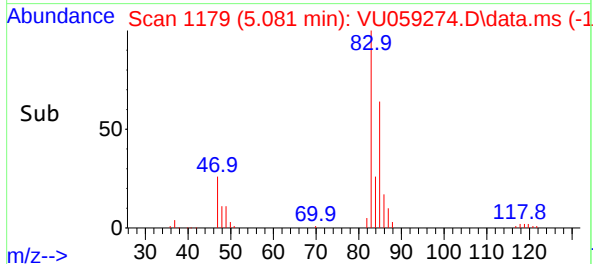
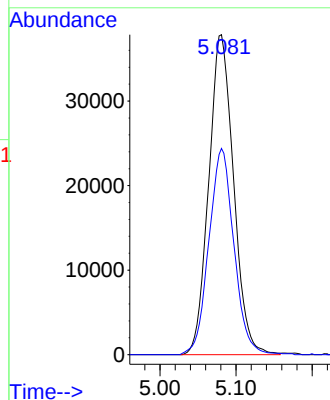
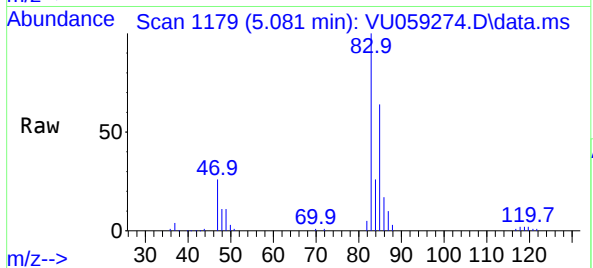
ClientSampleId :

Tgt Ion: 83 Resp: 85845

Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.176 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU059274.D

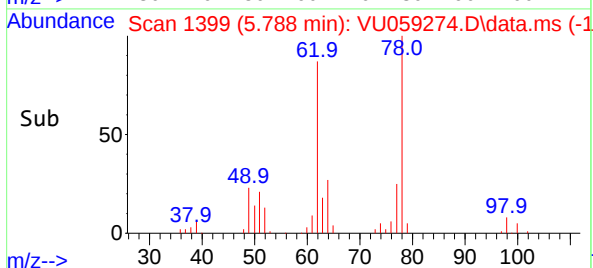
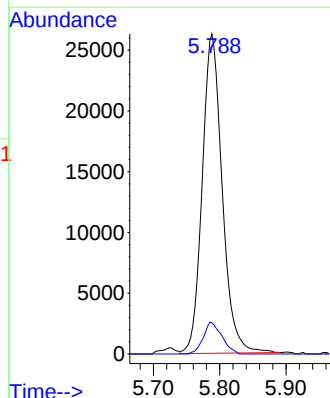
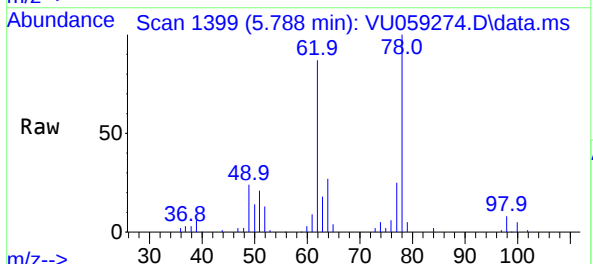
Acq: 17 Jun 2024 12:13

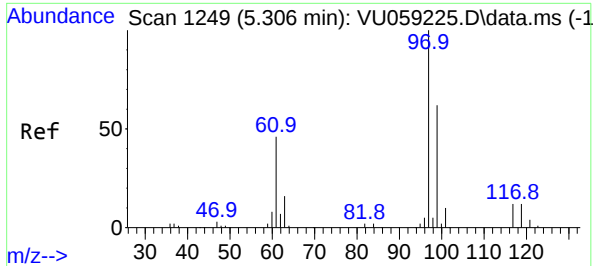
Tgt Ion: 62 Resp: 55079

Ion Ratio Lower Upper

62 100

98 9.8 7.5 11.3

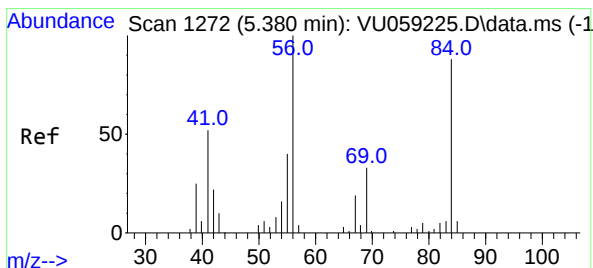
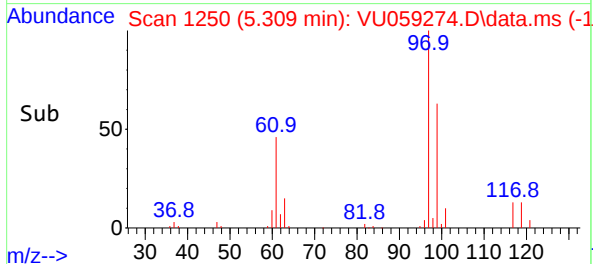
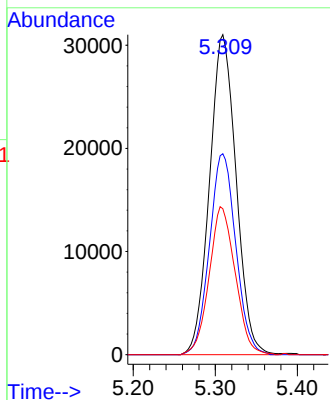
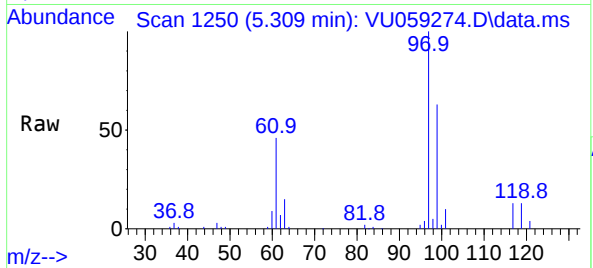




#29
1,1,1-Trichloroethane
Concen: 4.928 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

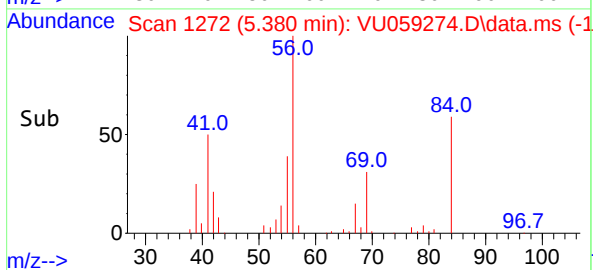
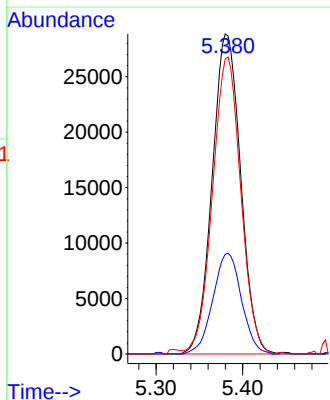
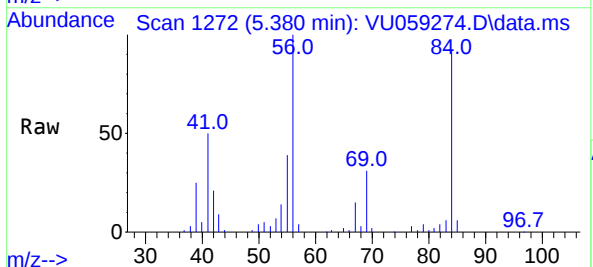
Instrument :
MSVOA_U
ClientSampleId :

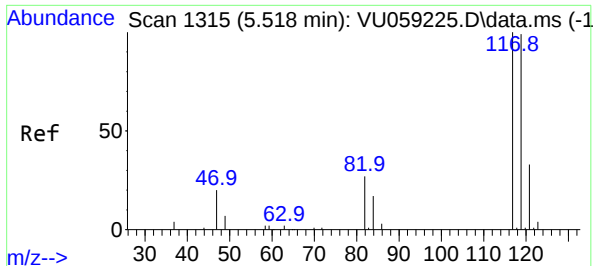
Tgt Ion: 97 Resp: 69969
Ion Ratio Lower Upper
97 100
99 62.2 51.8 77.6
61 45.4 37.4 56.2



#30
Cyclohexane
Concen: 5.257 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 56 Resp: 65888
Ion Ratio Lower Upper
56 100
69 31.6 24.8 37.2
84 92.0 69.8 104.8

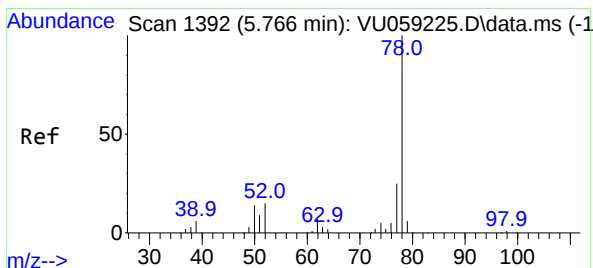
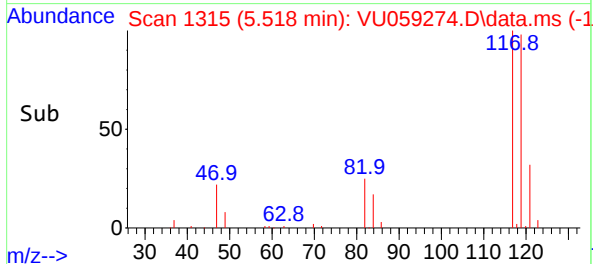
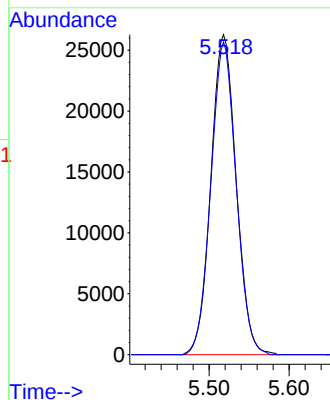
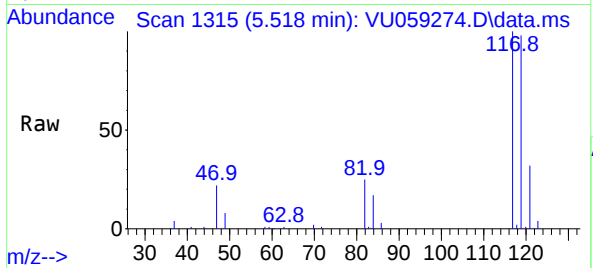




#31
Carbon tetrachloride
Concen: 4.853 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

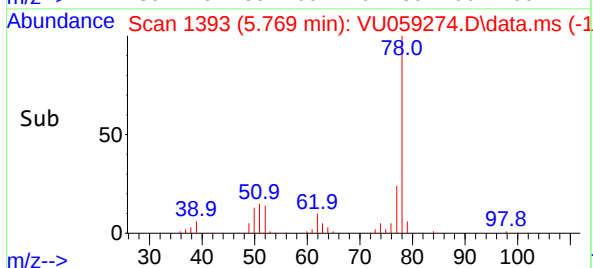
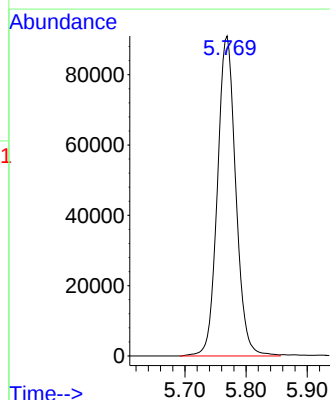
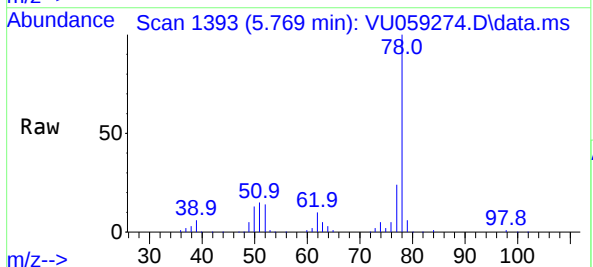
Instrument :
MSVOA_U
ClientSampleId :

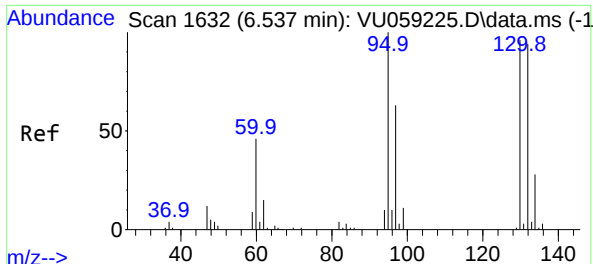
Tgt Ion:117 Resp: 57694
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3



#33
Benzene
Concen: 5.079 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

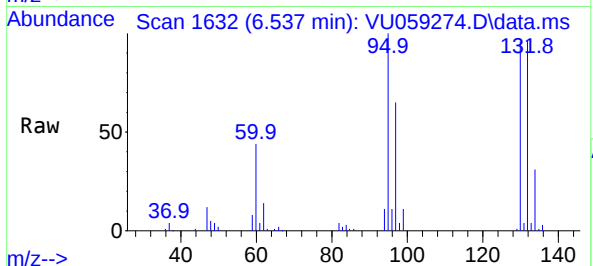
Tgt Ion: 78 Resp: 189620





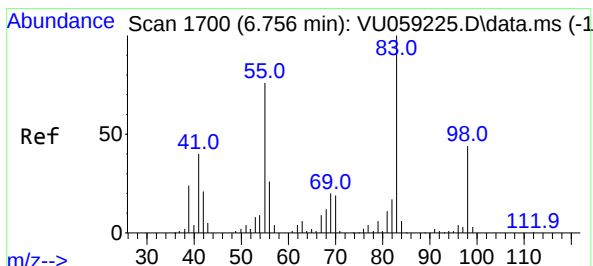
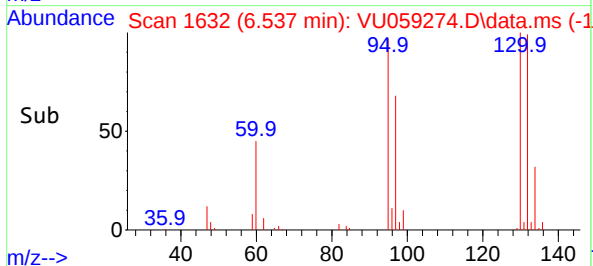
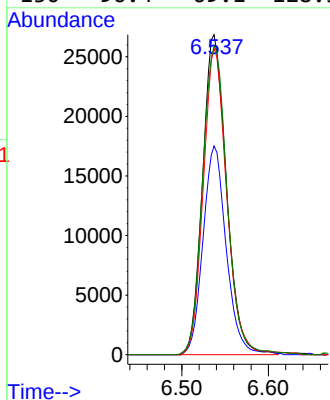
#34
Trichloroethene
Concen: 5.071 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 51274

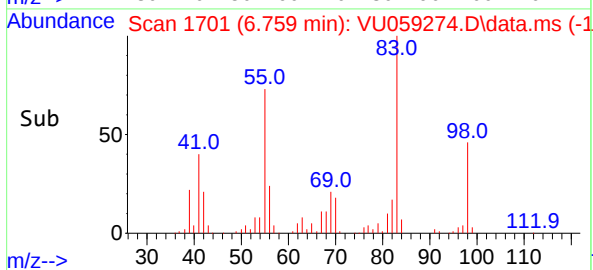
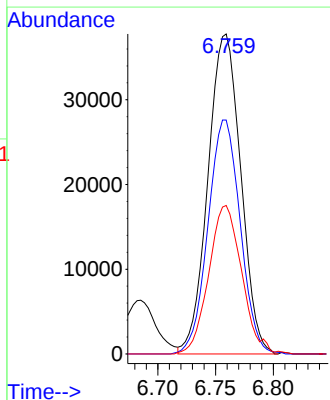
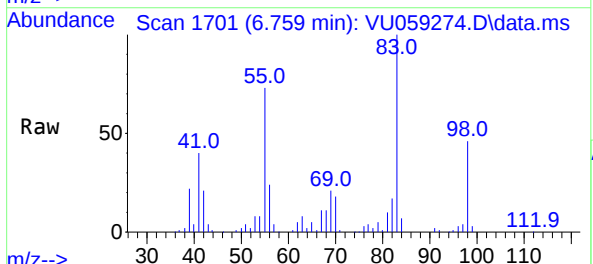
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.3	84.1
132	95.8	64.0	119.0
130	96.4	69.1	128.3

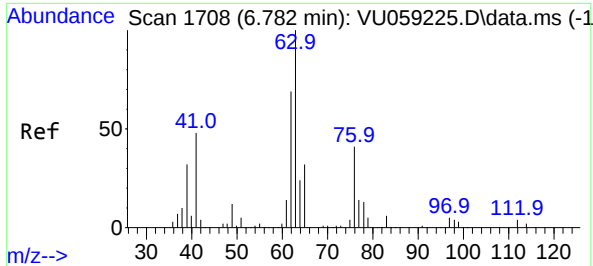


#35
Methylcyclohexane
Concen: 5.187 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 83 Resp: 74628

Ion	Ratio	Lower	Upper
83	100		
55	71.9	62.7	94.1
98	46.7	35.4	53.0

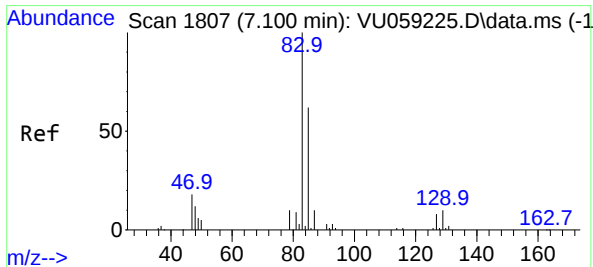
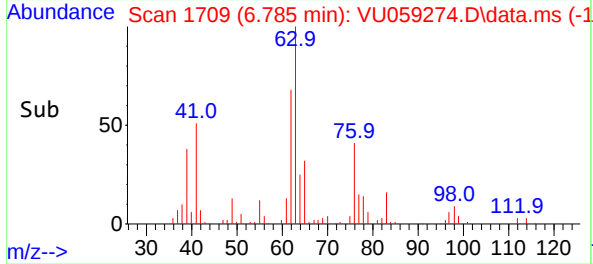
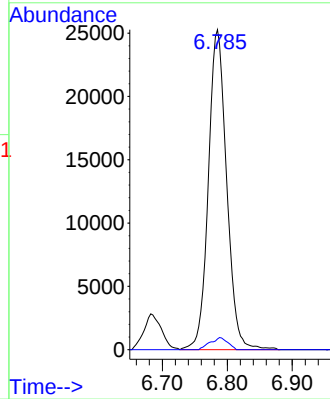
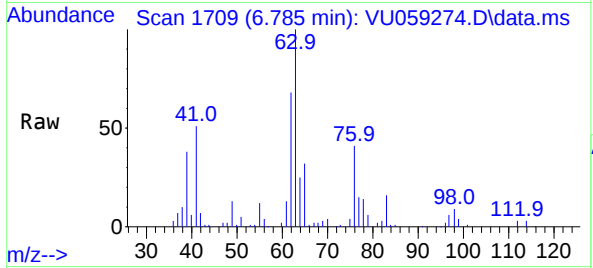




#37
1,2-Dichloropropane
Concen: 5.121 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

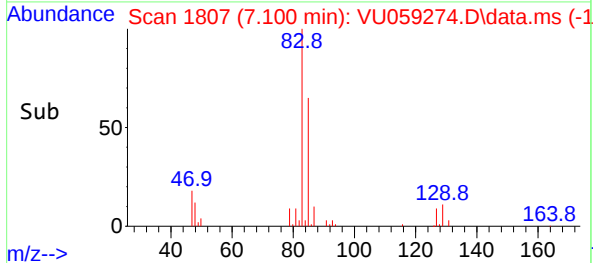
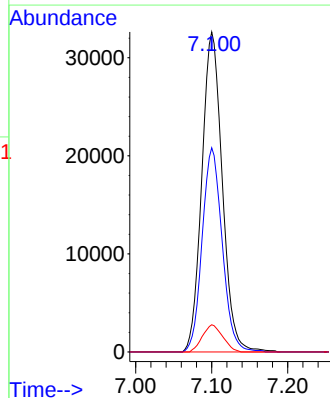
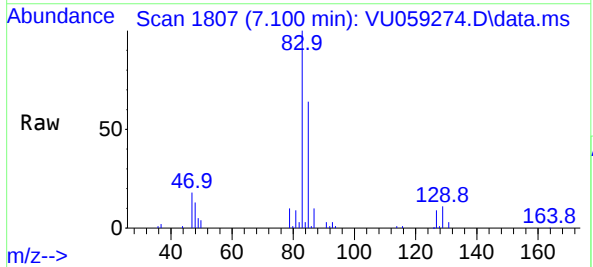
Instrument :
MSVOA_U
ClientSampleId :

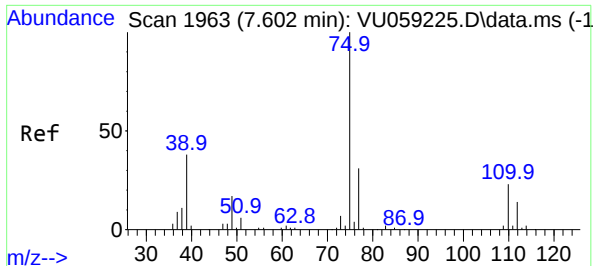
Tgt Ion: 63 Resp: 49481
Ion Ratio Lower Upper
63 100
112 3.6 2.6 3.8



#38
Bromodichloromethane
Concen: 5.061 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 83 Resp: 61035
Ion Ratio Lower Upper
83 100
85 63.8 42.7 79.3
127 8.5 6.1 9.1

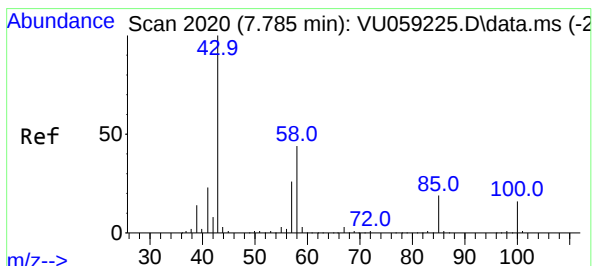
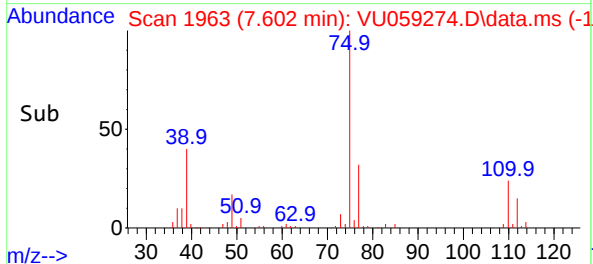
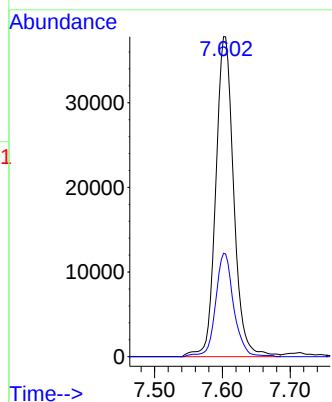
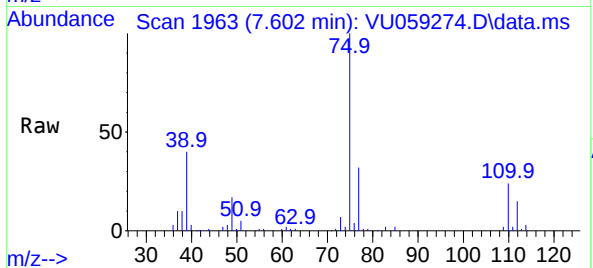




#39
cis-1,3-Dichloropropene
Concen: 5.270 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

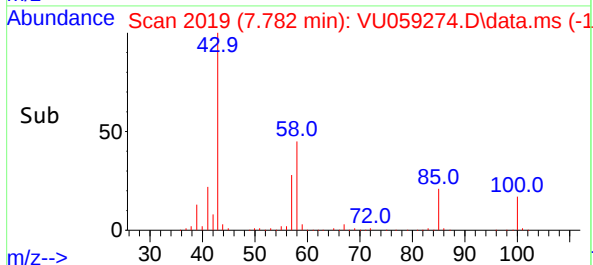
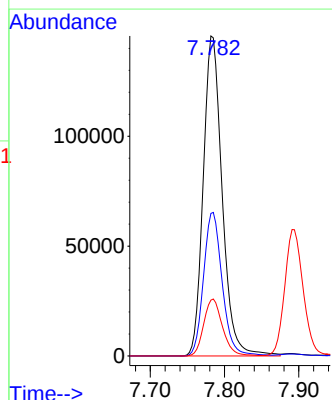
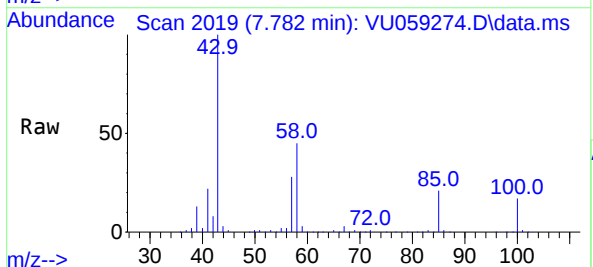
Instrument :
MSVOA_U
ClientSampleId :

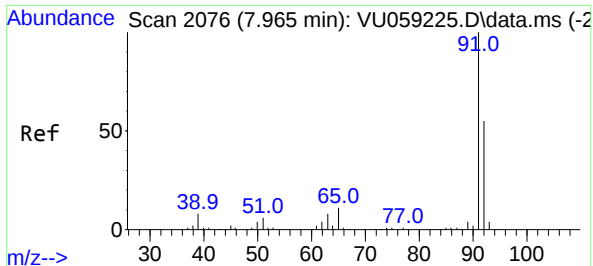
Tgt Ion: 75 Resp: 69637
Ion Ratio Lower Upper
75 100
77 32.3 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 57.638 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 43 Resp: 258040
Ion Ratio Lower Upper
43 100
58 44.2 34.0 51.0
100 17.6 12.1 18.1





#42

Toluene

Concen: 5.200 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

Instrument :

MSVOA_U

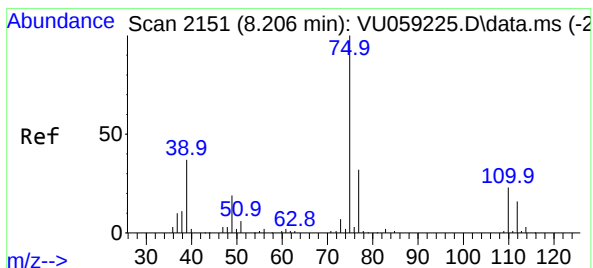
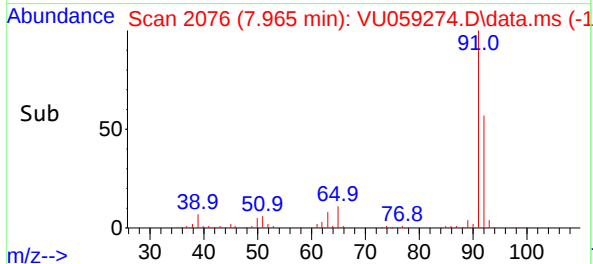
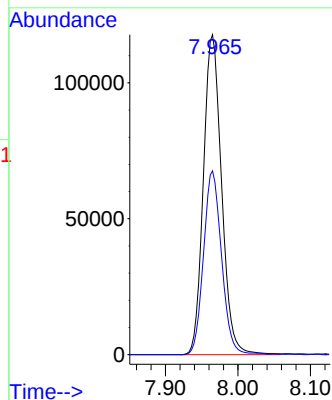
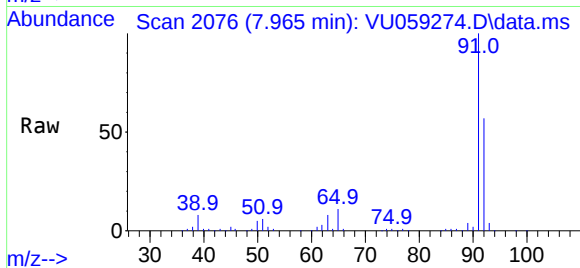
ClientSampleId :

Tgt Ion: 91 Resp: 205558

Ion Ratio Lower Upper

91 100

92 57.4 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.464 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059274.D

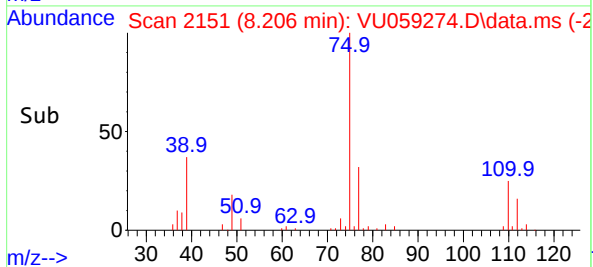
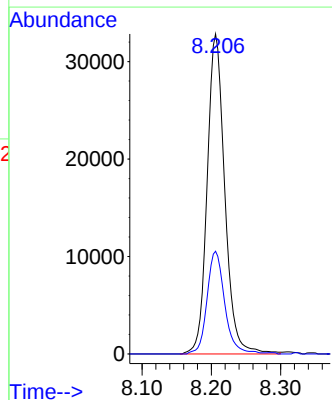
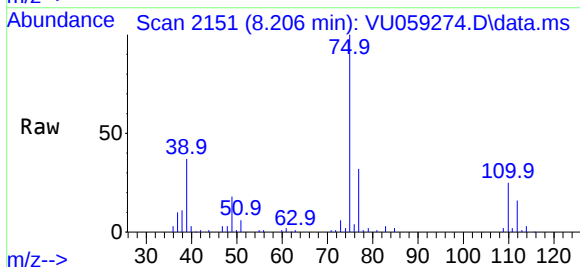
Acq: 17 Jun 2024 12:13

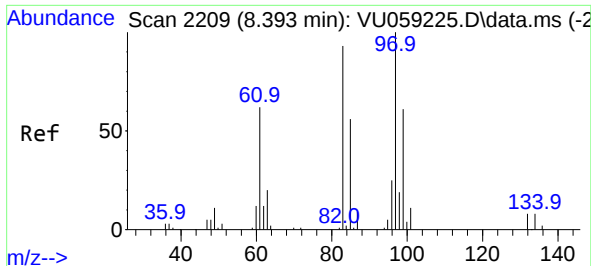
Tgt Ion: 75 Resp: 57951

Ion Ratio Lower Upper

75 100

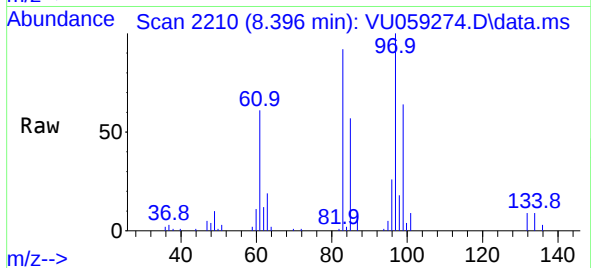
77 32.1 22.0 41.0





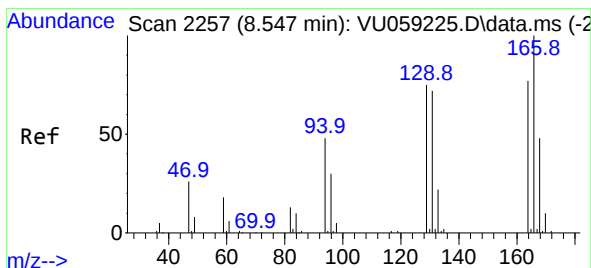
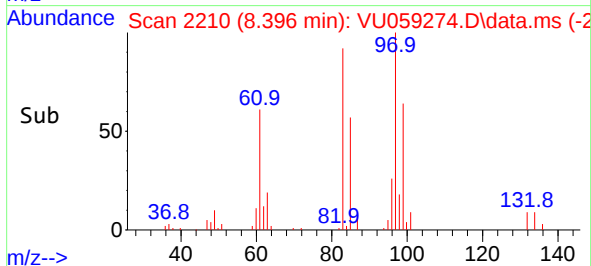
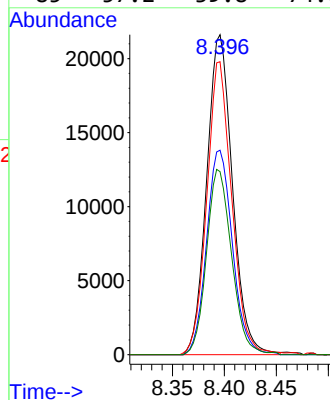
#45
1,1,2-Trichloroethane
Concen: 5.238 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 37292

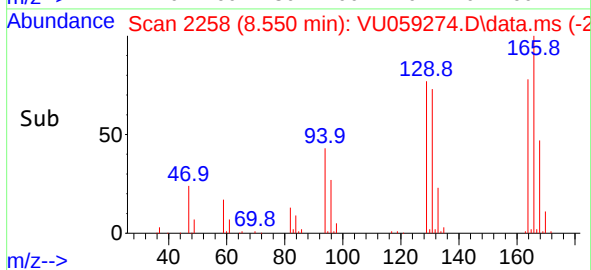
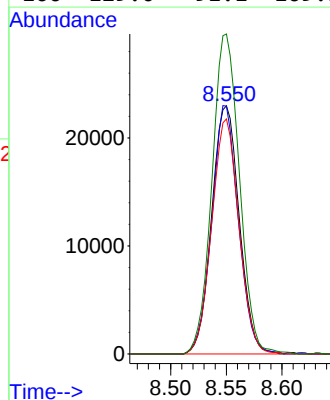
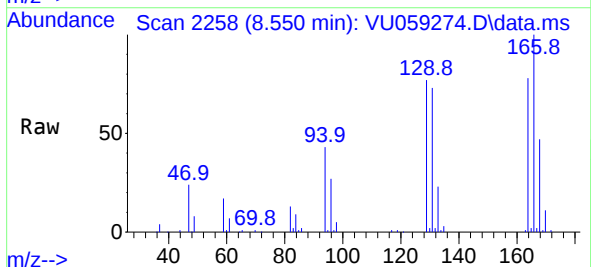
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.3	80.3
83	91.6	62.3	115.7
85	57.2	39.8	74.0

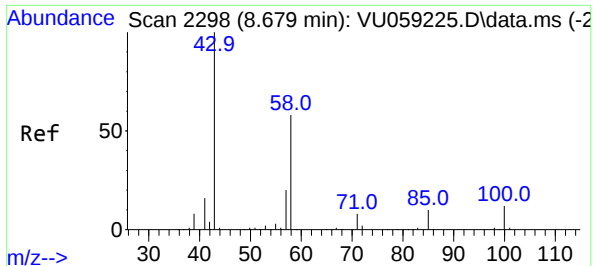


#47
Tetrachloroethene
Concen: 5.039 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 164 Resp: 39533

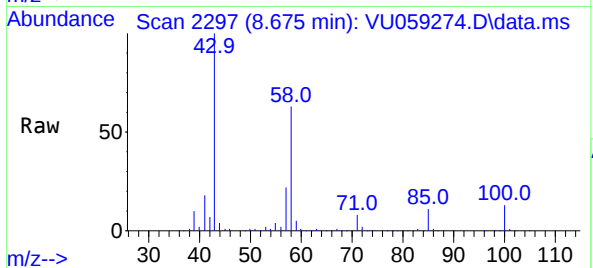
Ion	Ratio	Lower	Upper
164	100		
129	99.9	70.8	131.4
131	94.7	64.8	120.3
166	129.0	91.1	169.1



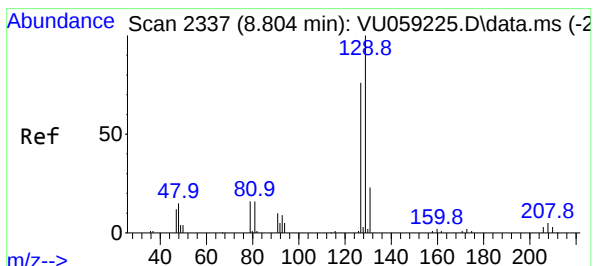
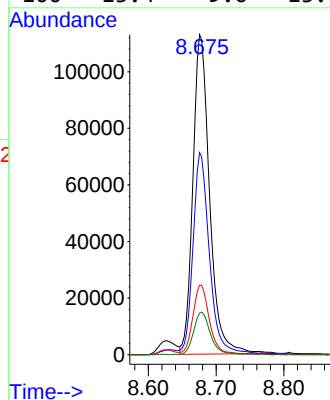
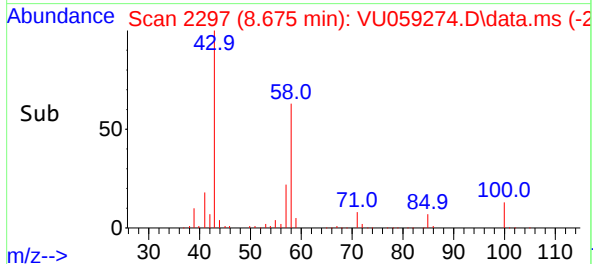


#48
2-Hexanone
Concen: 60.748 ug/L
RT: 8.675 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :

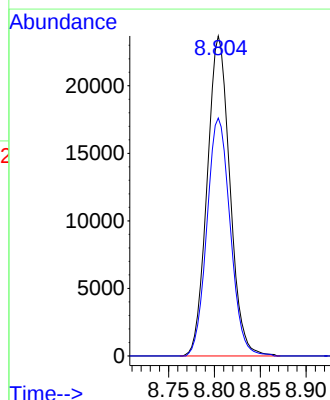
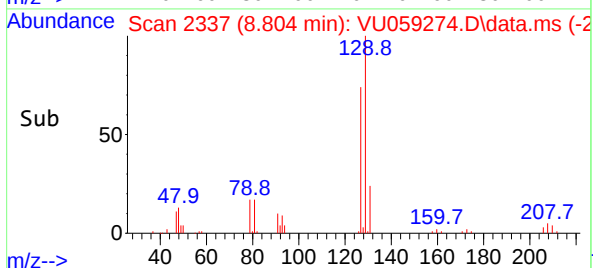
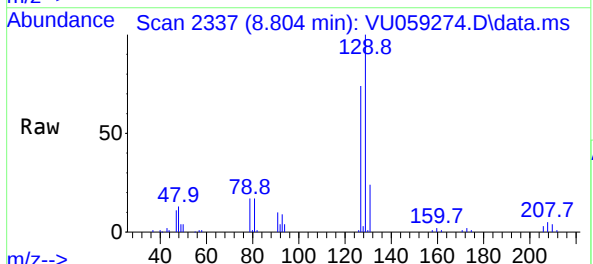


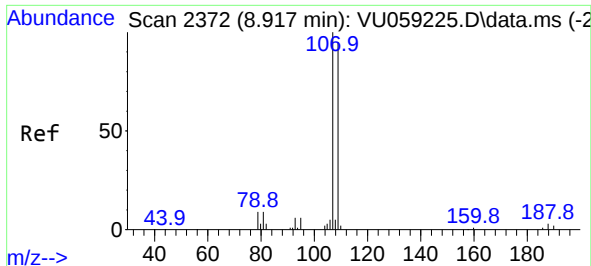
Tgt Ion: 43 Resp: 194098
Ion Ratio Lower Upper
43 100
58 61.2 46.1 69.1
57 21.3 15.5 23.3
100 13.4 9.0 13.6



#49
Dibromochloromethane
Concen: 5.171 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 129 Resp: 40784
Ion Ratio Lower Upper
129 100
127 74.4 52.5 97.5

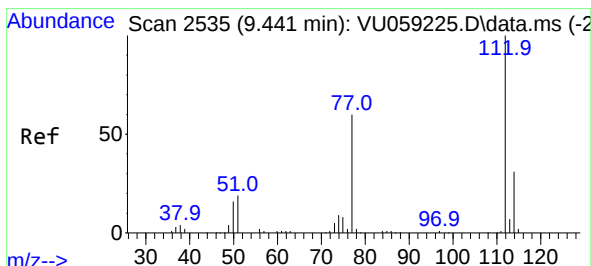
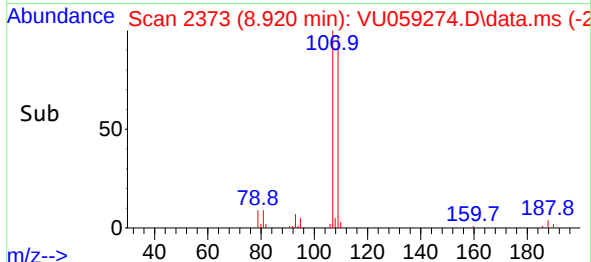
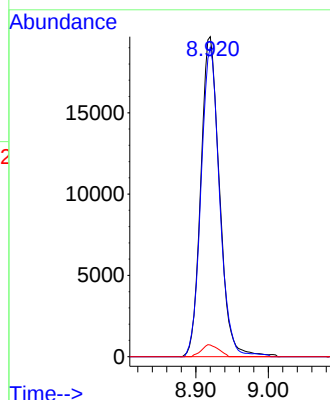
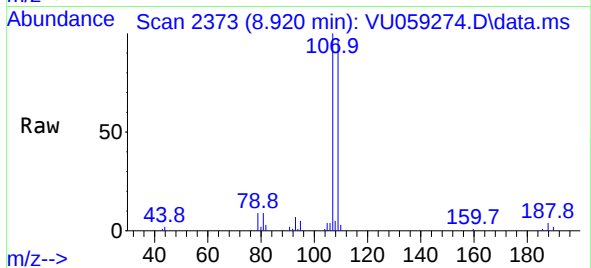




#50
1,2-Dibromoethane
Concen: 5.348 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

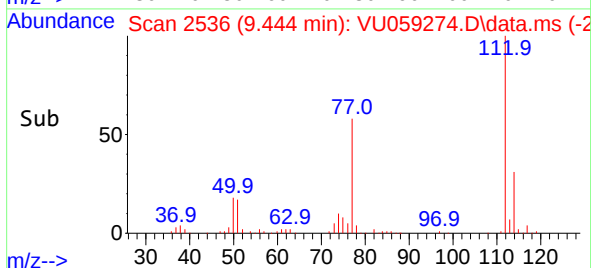
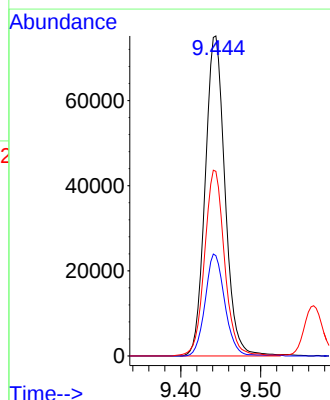
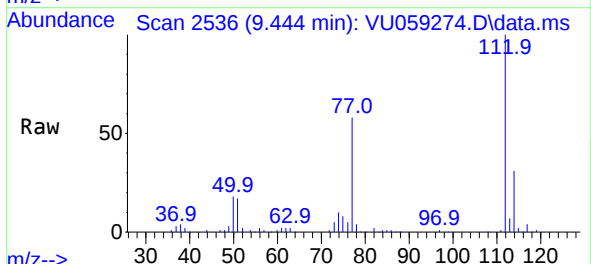
Instrument :
MSVOA_U
ClientSampleId :

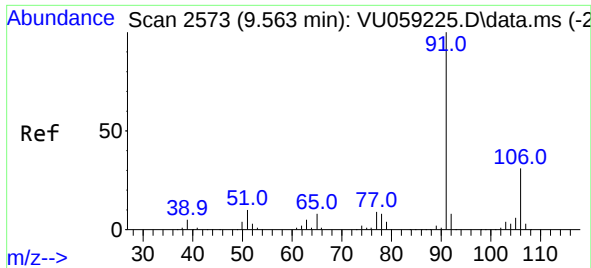
Tgt Ion:107 Resp: 35161
Ion Ratio Lower Upper
107 100
109 96.7 66.9 124.3
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 5.174 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion:112 Resp: 129708
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 57.7 49.1 73.7

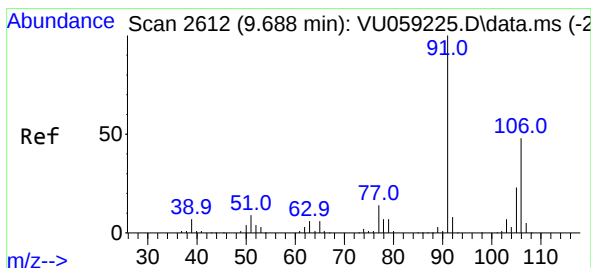
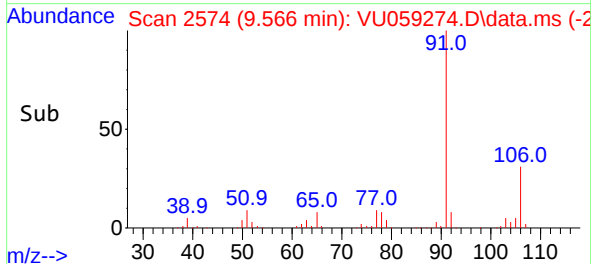
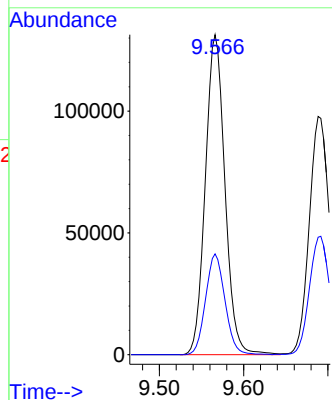
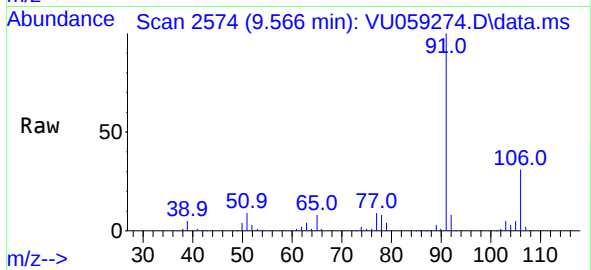




#52
Ethylbenzene
Concen: 5.241 ug/L
RT: 9.566 min Scan# 212522
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

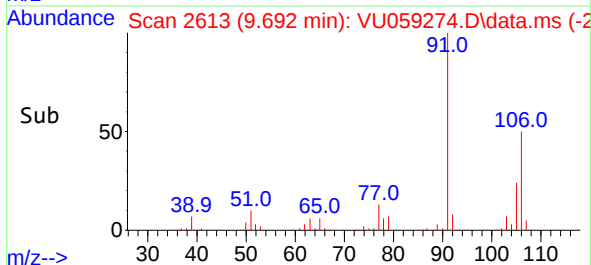
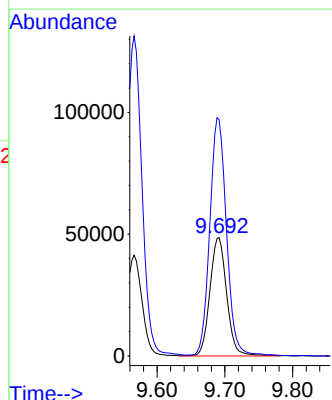
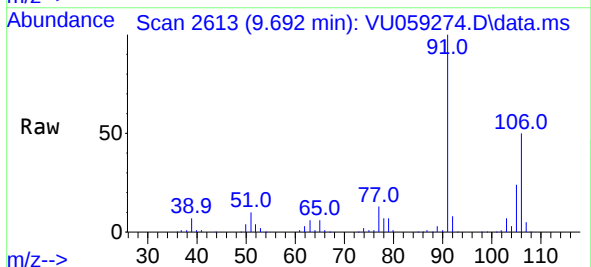
Instrument :
MSVOA_U
ClientSampleId :

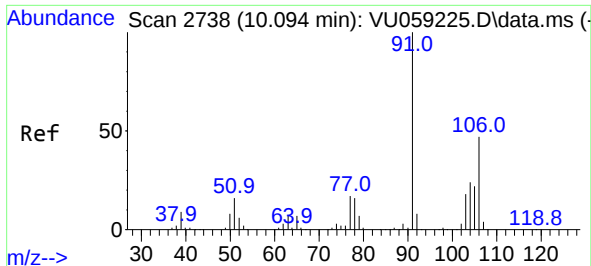
Tgt Ion: 91 Resp: 212522
Ion Ratio Lower Upper
91 100
106 31.5 20.9 38.7



#53
m,p-Xylene
Concen: 5.362 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion:106 Resp: 83493
Ion Ratio Lower Upper
106 100
91 199.7 142.0 263.8

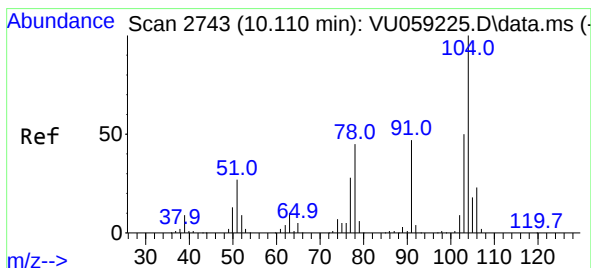
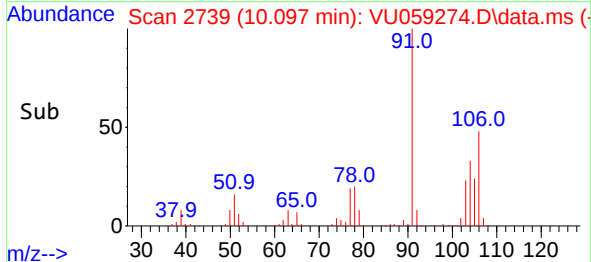
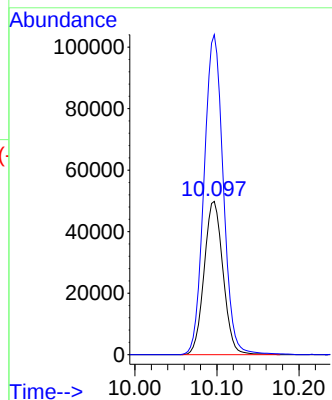
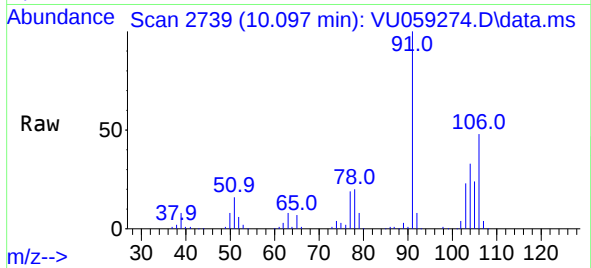




#54
o-Xylene
Concen: 5.401 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

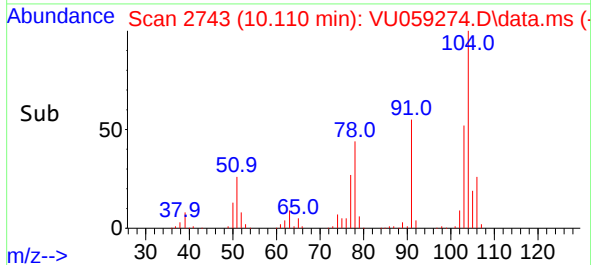
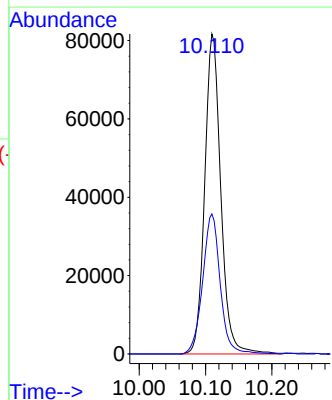
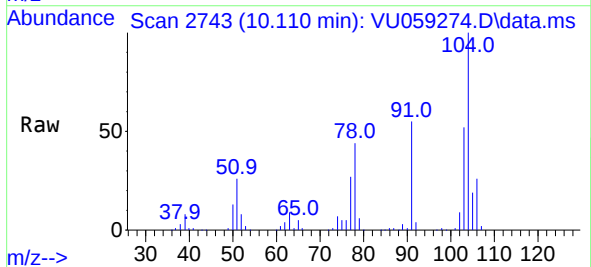
Instrument :
MSVOA_U
ClientSampleId :

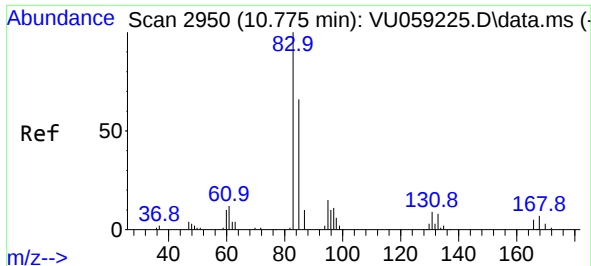
Tgt Ion:106 Resp: 79823
Ion Ratio Lower Upper
106 100
91 208.7 151.6 281.6



#55
Styrene
Concen: 5.486 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion:104 Resp: 138012
Ion Ratio Lower Upper
104 100
78 43.7 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.330 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

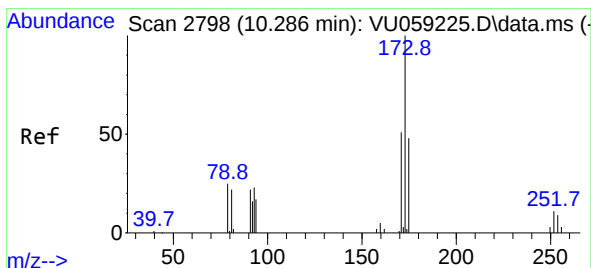
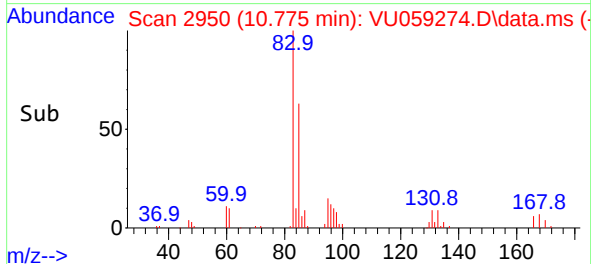
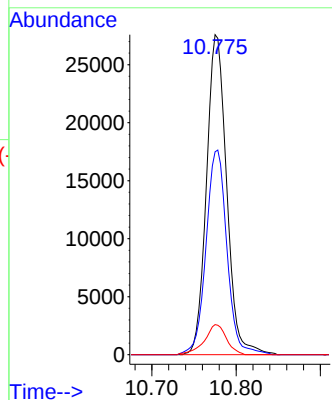
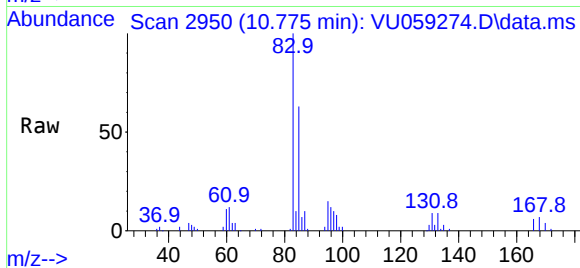
Tgt Ion: 83 Resp: 46034

Ion Ratio Lower Upper

83 100

85 63.4 44.7 82.9

131 9.4 6.9 10.3



#59

Bromoform

Concen: 5.168 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

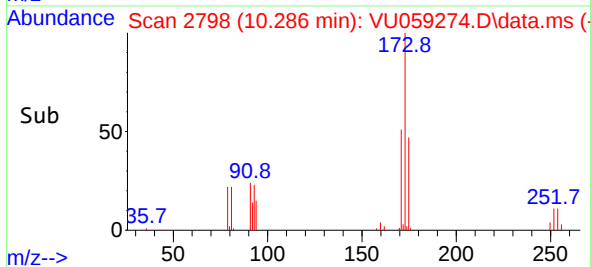
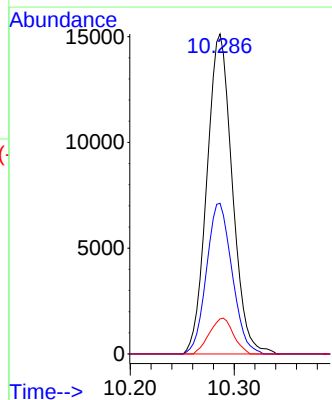
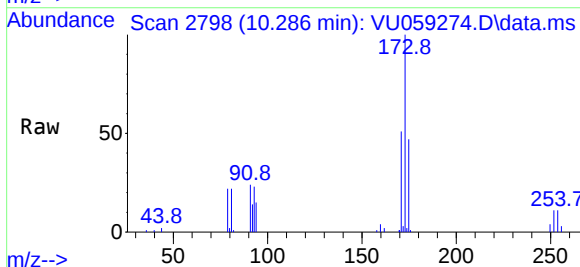
Tgt Ion:173 Resp: 25671

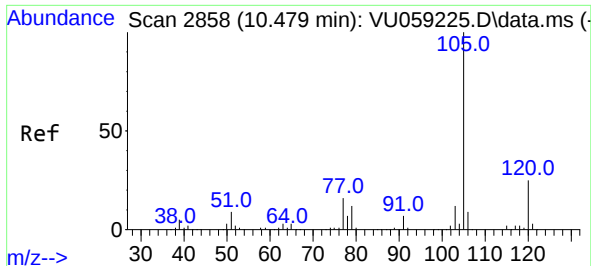
Ion Ratio Lower Upper

173 100

175 47.4 39.4 59.2

254 10.6 7.4 11.2

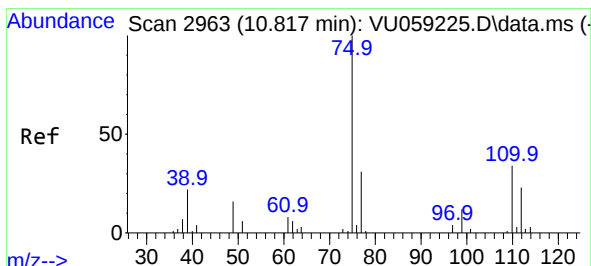
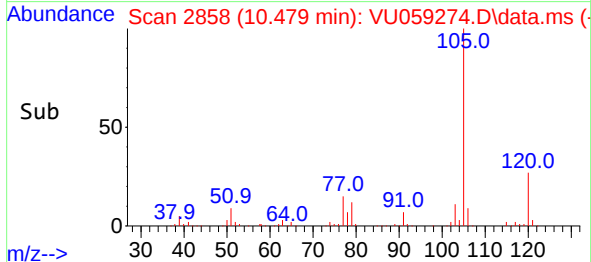
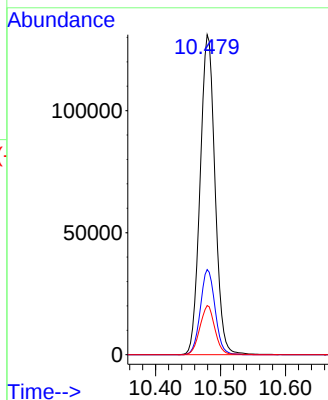
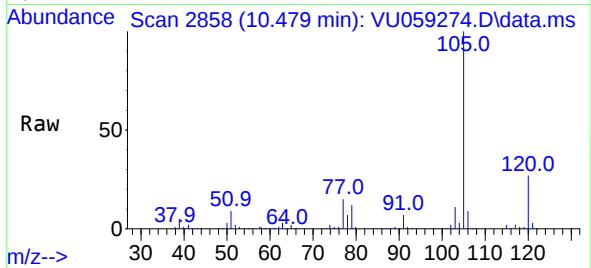




#60
Isopropylbenzene
Concen: 5.225 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

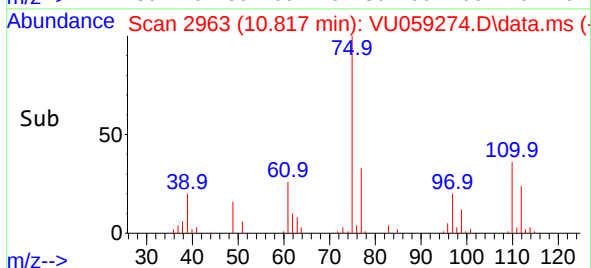
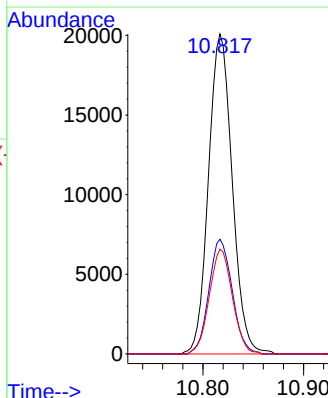
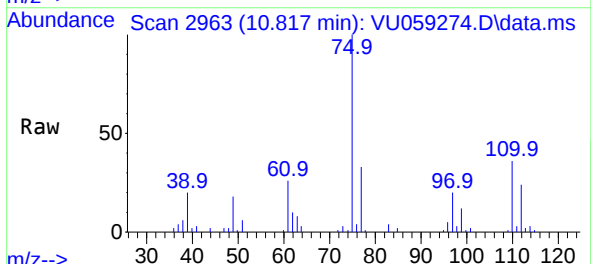
Instrument :
MSVOA_U
ClientSampleId :

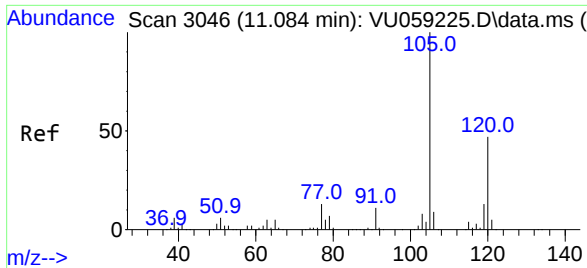
Tgt Ion:105 Resp: 209468
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 15.5 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.486 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion: 75 Resp: 32904
Ion Ratio Lower Upper
75 100
110 35.2 27.1 40.7
77 31.9 25.4 38.2

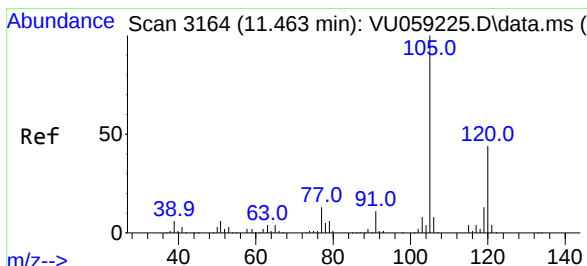
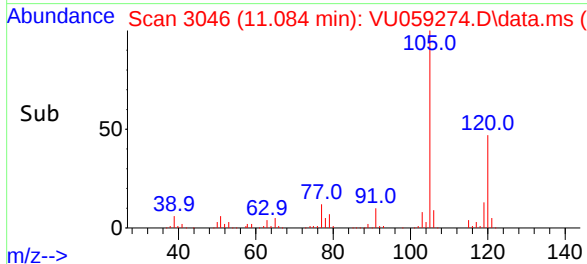
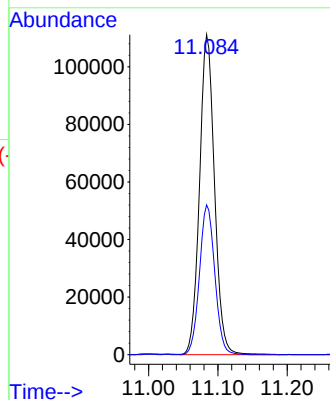
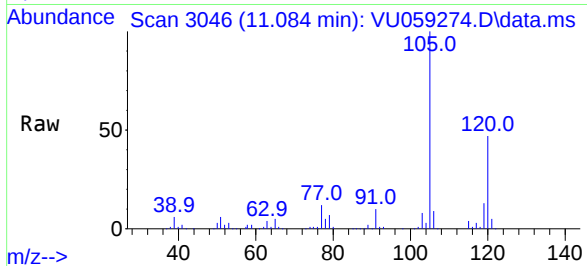




#62
1,3,5-Trimethylbenzene
Concen: 5.263 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

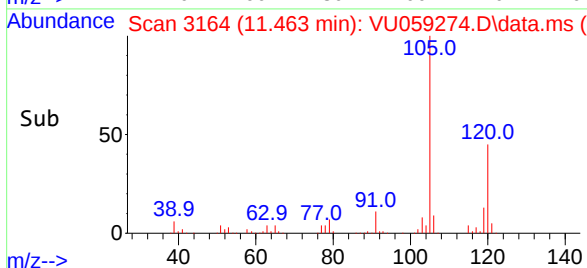
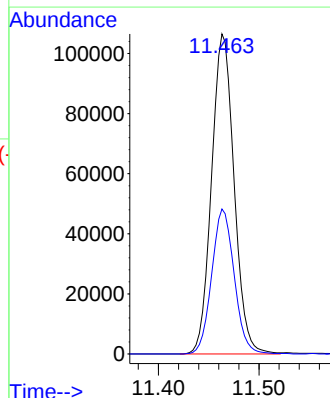
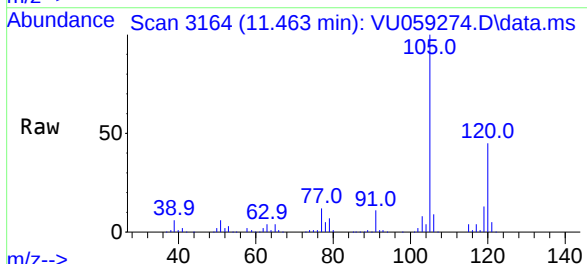
Instrument :
MSVOA_U
ClientSampleId :

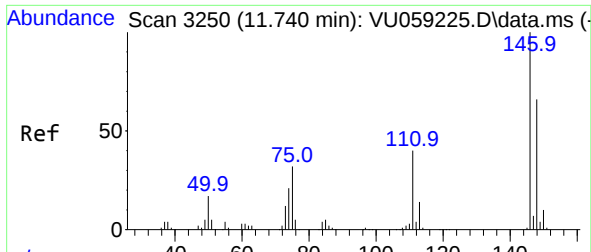
Tgt Ion:105 Resp: 167184
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.461 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion:105 Resp: 165843
Ion Ratio Lower Upper
105 100
120 45.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.175 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.003 min

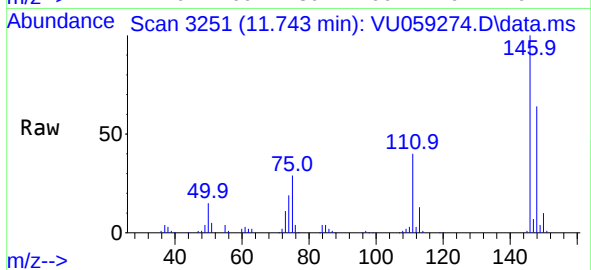
Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :



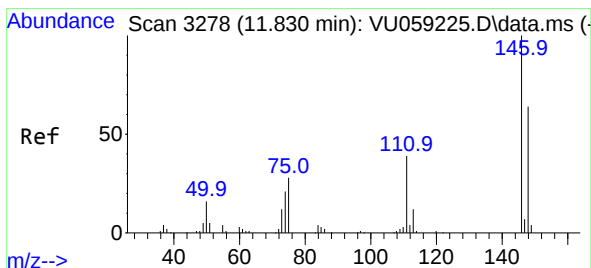
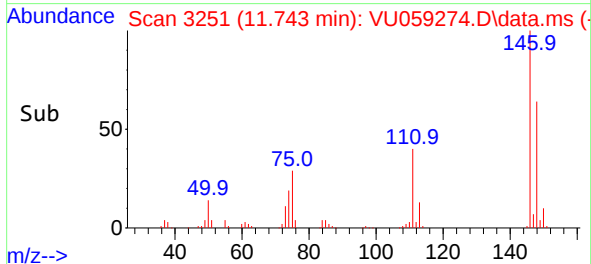
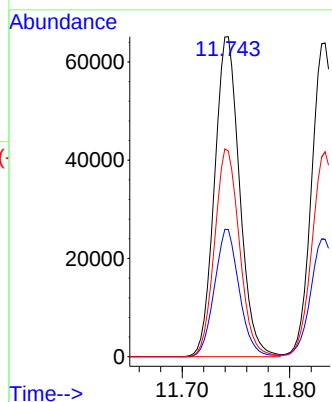
Tgt Ion:146 Resp: 105536

Ion Ratio Lower Upper

146 100

111 39.8 27.4 51.0

148 64.3 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.026 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

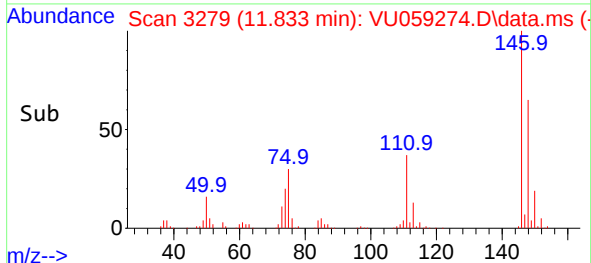
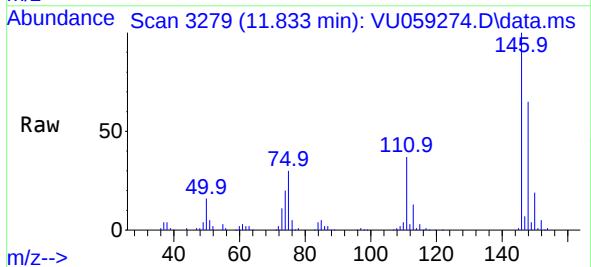
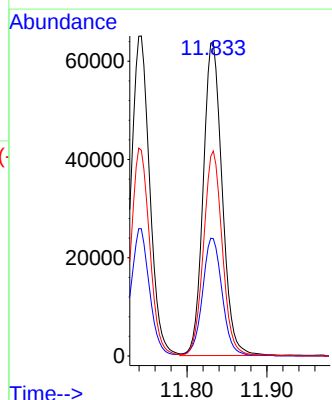
Tgt Ion:146 Resp: 105496

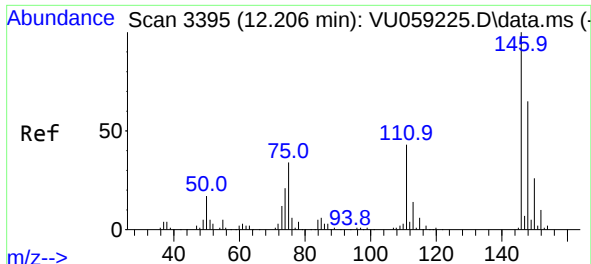
Ion Ratio Lower Upper

146 100

111 37.4 26.9 50.1

148 65.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.186 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :

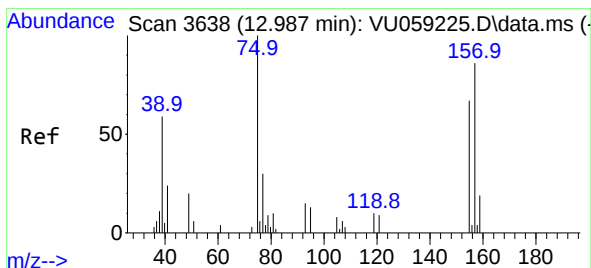
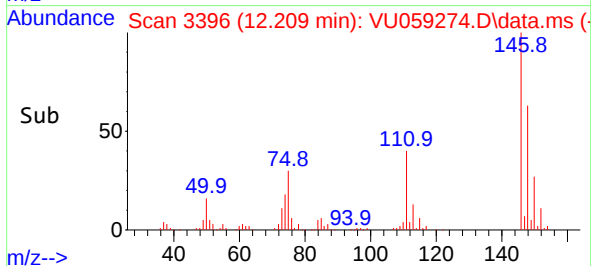
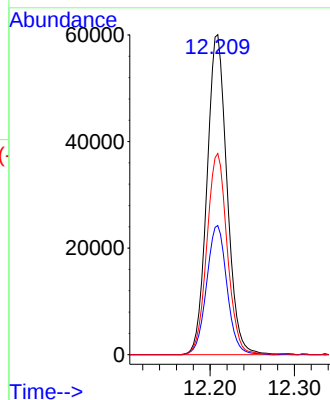
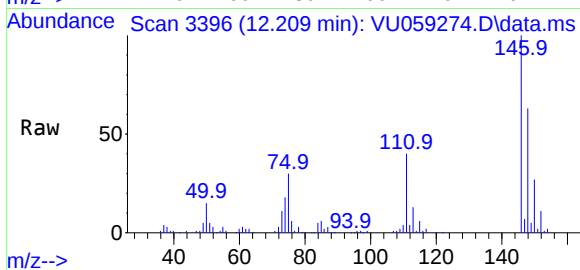
Tgt Ion:146 Resp: 99517

Ion Ratio Lower Upper

146 100

111 40.3 33.4 50.0

148 62.8 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.969 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

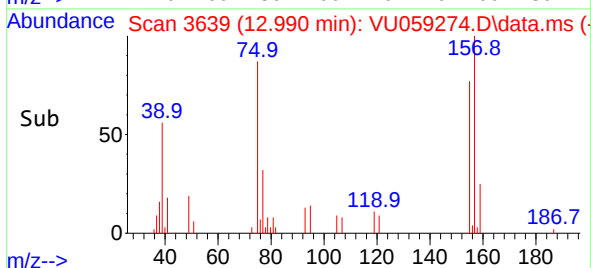
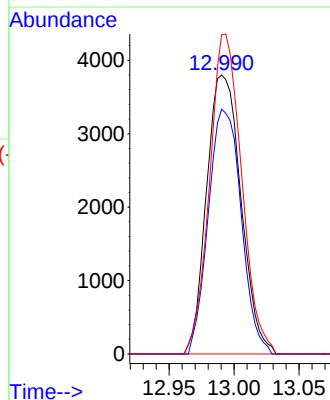
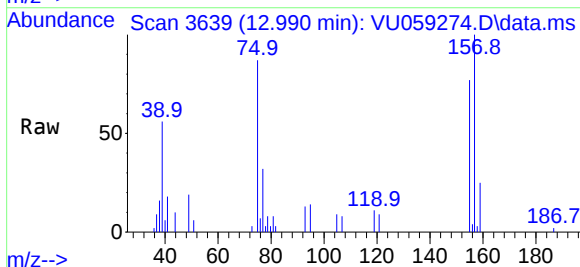
Tgt Ion: 75 Resp: 6983

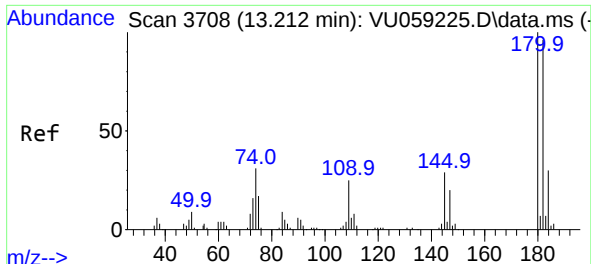
Ion Ratio Lower Upper

75 100

155 87.7 58.2 87.2#

157 114.4 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.161 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

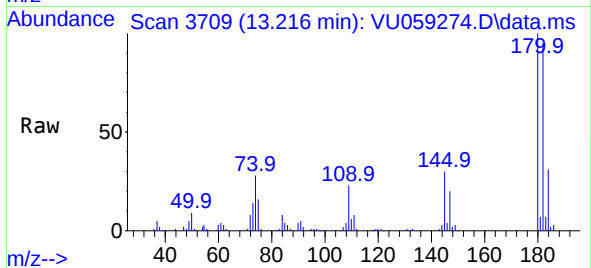
Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 77903

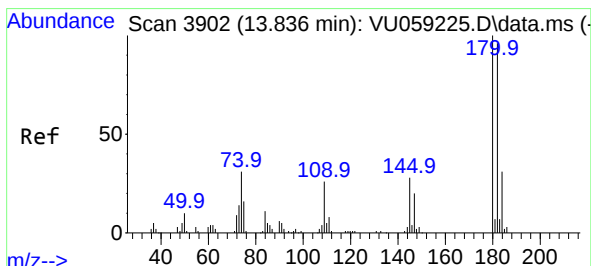
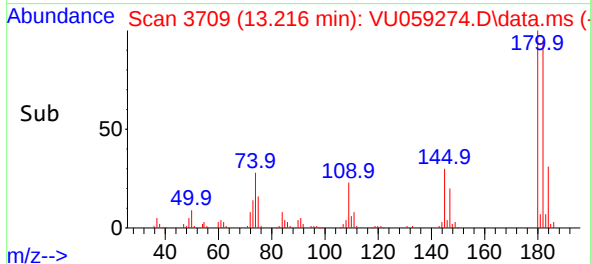
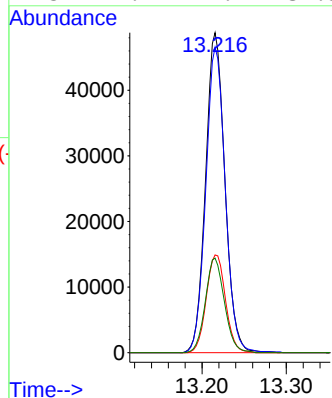
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

184 30.4 23.0 34.6

145 29.2 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.766 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059274.D

Acq: 17 Jun 2024 12:13

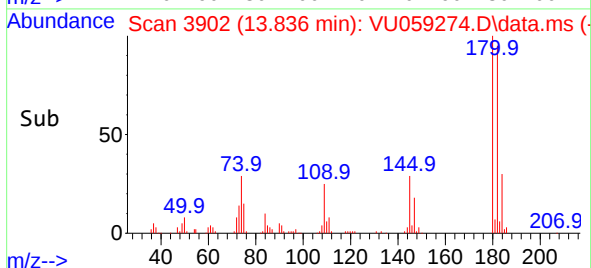
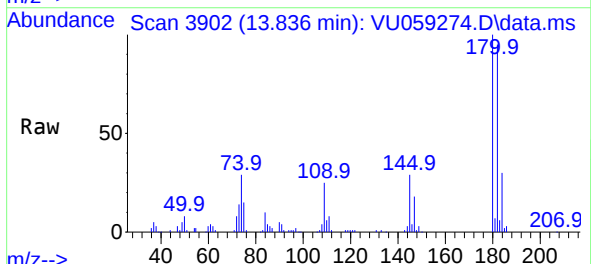
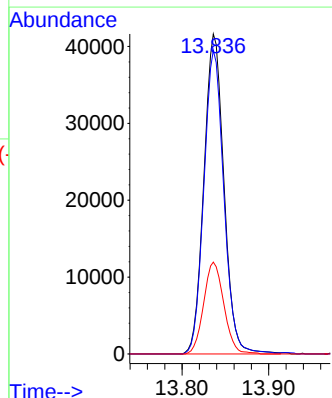
Tgt Ion:180 Resp: 66769

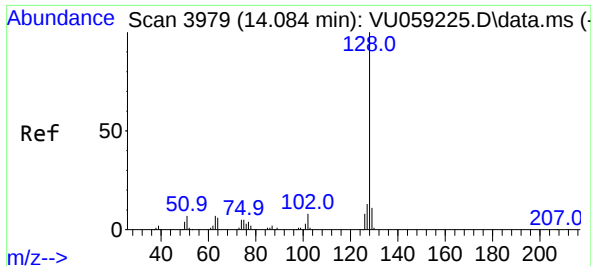
Ion Ratio Lower Upper

180 100

182 94.7 74.9 112.3

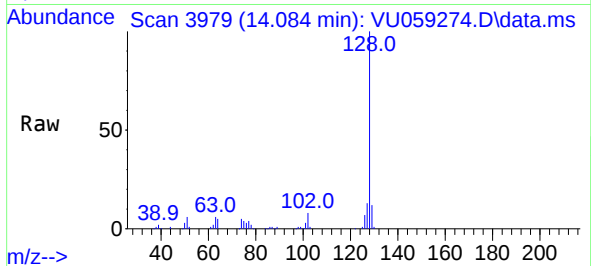
145 28.9 23.9 35.9



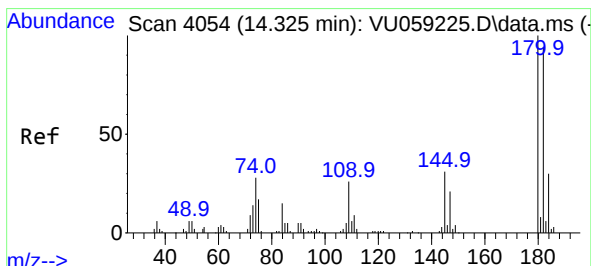
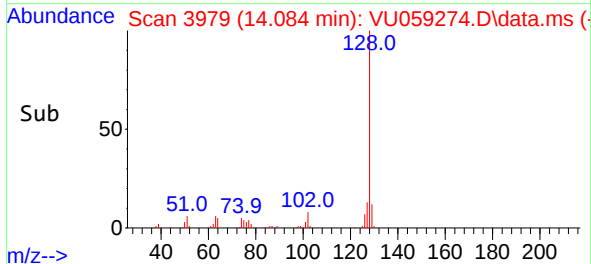
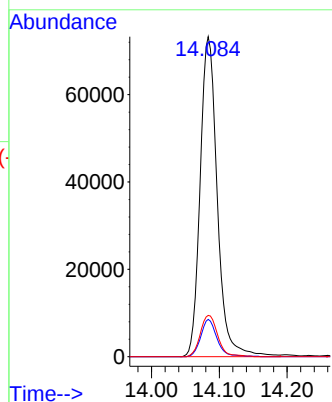


#71
Naphthalene
Concen: 7.758 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 128578
Ion Ratio Lower Upper
128 100
129 11.1 8.2 12.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.933 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059274.D
Acq: 17 Jun 2024 12:13

Tgt Ion:180 Resp: 63789
Ion Ratio Lower Upper
180 100
182 96.7 77.0 115.6
145 31.1 26.2 39.4

