

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071624\
 Data File : U059983.D
 Acq On : 16 Jul 2024 18:46
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 02:33:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 17 02:25:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	175555	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	47081	3.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.907	69	42941	3.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.557	65	18858	3.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.627	46	128419	51.071	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.140%
24) Chloroform-d	5.055	84	99137	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.695	65	48138	3.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	5.721	84	190865	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.685	67	59099	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.894	98	175828	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.177	79	20420	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	105296	54.478	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52794	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	67525	4.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	67903	4.565	ug/L	99
3) Chloromethane	1.515	50	78600	4.909	ug/L	97
5) Vinyl chloride	1.599	62	87728	4.960	ug/L	99
6) Bromomethane	1.849	94	50658	4.119	ug/L	97
8) Chloroethane	1.927	64	55267	5.186	ug/L	93
9) Trichlorofluoromethane	2.129	101	111759	5.249	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	70888	5.260	ug/L	91
12) 1,1-Dichloroethene	2.570	96	68046	5.465	ug/L	84
13) Acetone	2.637	43	102951	63.116	ug/L	97
14) Carbon disulfide	2.785	76	185169	4.458	ug/L	100
15) Methyl Acetate	2.949	43	27647	6.423	ug/L	92
16) Methylene chloride	3.036	84	80765	5.474	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	171009	6.374	ug/L	99
18) trans-1,2-Dichloroethene	3.344	96	70310	5.430	ug/L	92
19) 1,1-Dichloroethane	3.859	63	130461	5.464	ug/L	99
21) 2-Butanone	4.705	43	173277	66.231	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	82963	5.813	ug/L	94
23) Bromochloromethane	4.968	128	38880	5.975	ug/L	87
25) Chloroform	5.078	83	139232	5.536	ug/L	98

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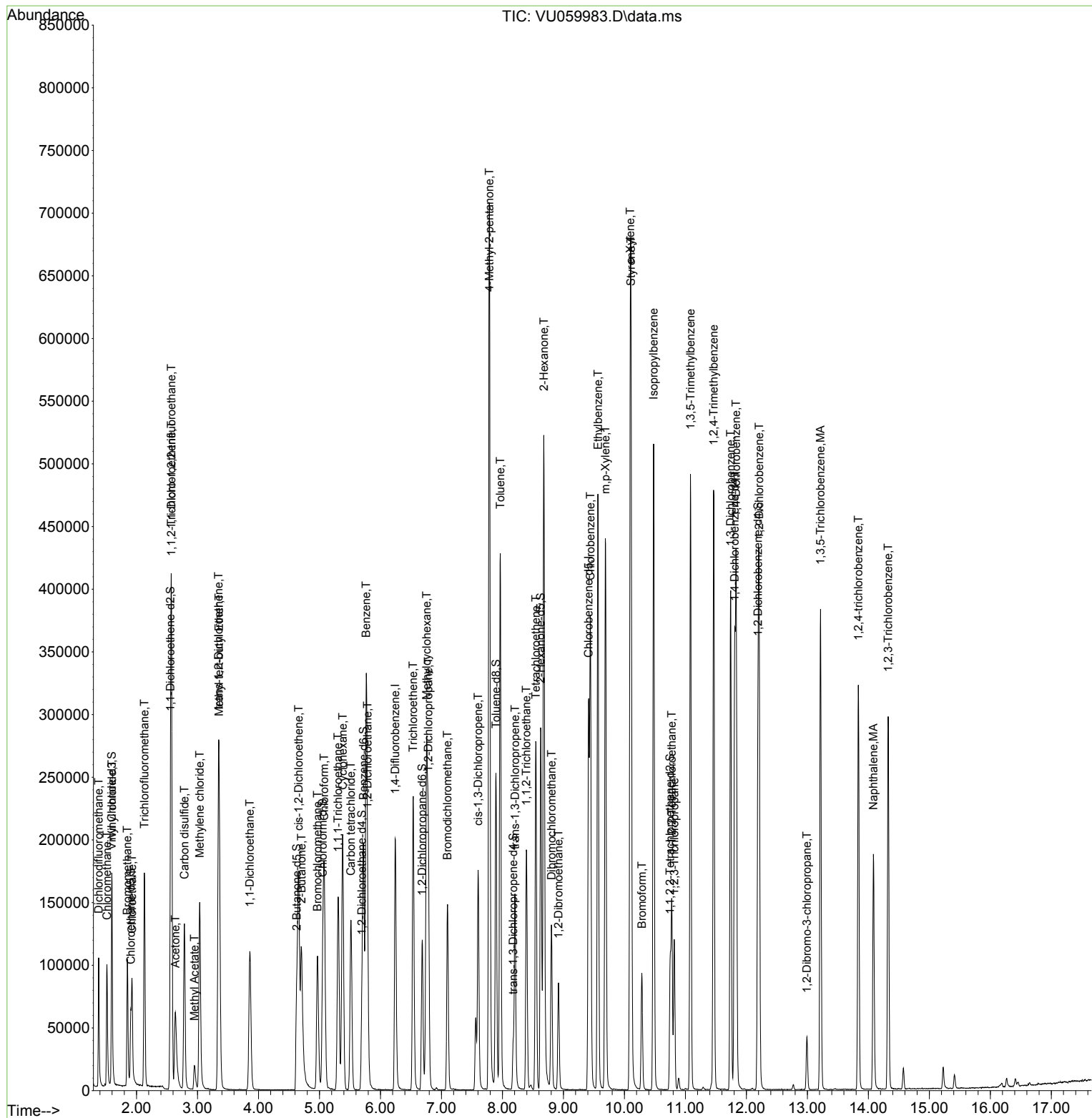
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	86742	5.691	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	113940	5.601	ug/L	98
30) Cyclohexane	5.380	56	98226	5.469	ug/L	94
31) Carbon tetrachloride	5.515	117	94744	5.563	ug/L	98
33) Benzene	5.766	78	301523	5.637	ug/L	100
34) Trichloroethene	6.537	95	81322	5.613	ug/L	97
35) Methylcyclohexane	6.756	83	108934	5.285	ug/L	94
37) 1,2-Dichloropropane	6.785	63	81126	5.860	ug/L #	97
38) Bromodichloromethane	7.100	83	98827	5.719	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	108909	5.753	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	441638	68.849	ug/L	97
42) Toluene	7.965	91	329151	5.812	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	89020	5.858	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	63714	6.246	ug/L	97
47) Tetrachloroethene	8.550	164	64219	5.713	ug/L	97
48) 2-Hexanone	8.679	43	323278	70.615	ug/L #	97
49) Dibromochloromethane	8.804	129	69218	6.125	ug/L	98
50) 1,2-Dibromoethane	8.920	107	58650	6.226	ug/L	97
51) Chlorobenzene	9.444	112	213039	5.931	ug/L	94
52) Ethylbenzene	9.566	91	336643	5.795	ug/L	94
53) m,p-Xylene	9.688	106	130540	5.850	ug/L	99
54) o-Xylene	10.097	106	129164	6.100	ug/L	98
55) Styrene	10.109	104	222448	6.171	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	76627	6.192	ug/L #	98
59) Bromoform	10.286	173	44232	6.195	ug/L	97
60) Isopropylbenzene	10.479	105	338098	5.866	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	50499	5.857	ug/L	93
62) 1,3,5-Trimethylbenzene	11.084	105	268845	5.888	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	267915	6.137	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	175542	5.988	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	172911	5.731	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	164697	5.970	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	11091	6.595	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.215	180	129071	5.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	107128	6.436	ug/L	99
71) Naphthalene	14.084	128	162256	6.810	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	97759	6.325	ug/L	97

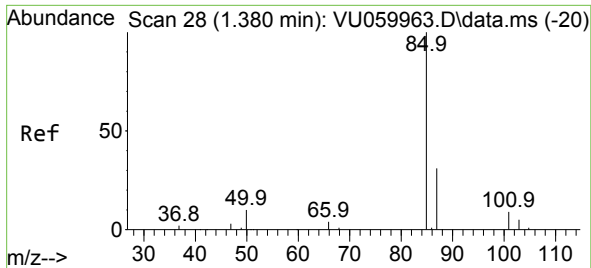
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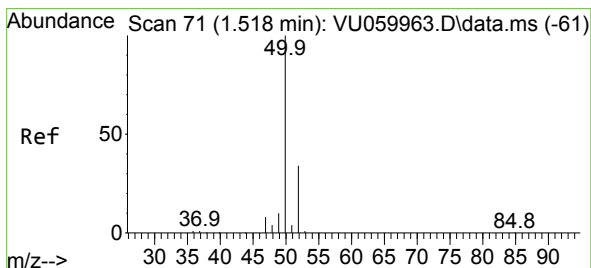
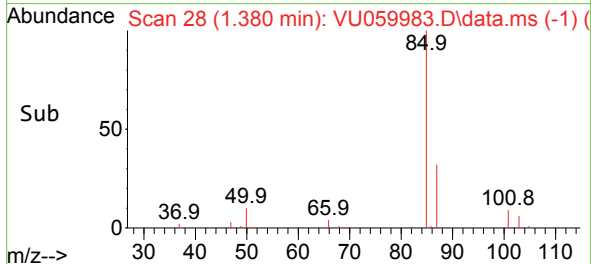
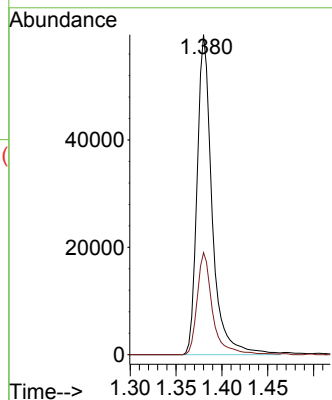
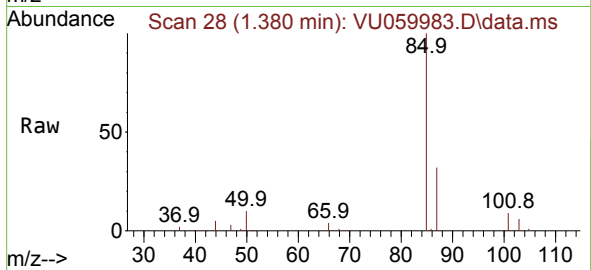




#2
Dichlorodifluoromethane
Concen: 4.565 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

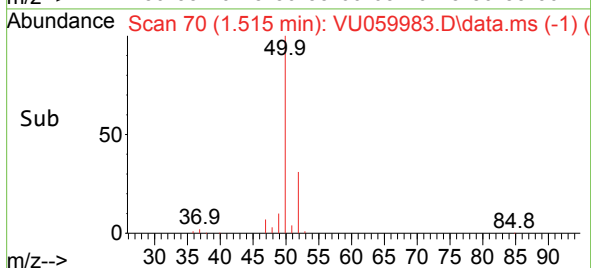
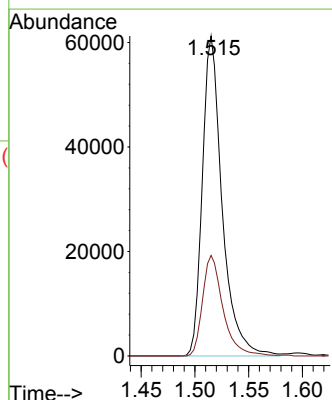
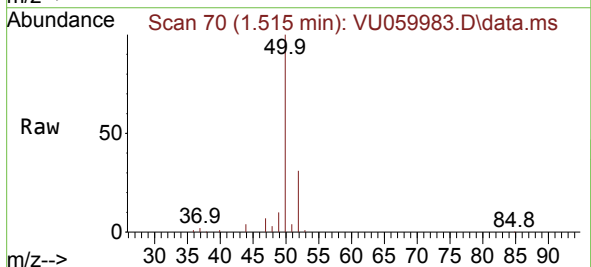
Instrument :
MSVOA_U
ClientSampleId :

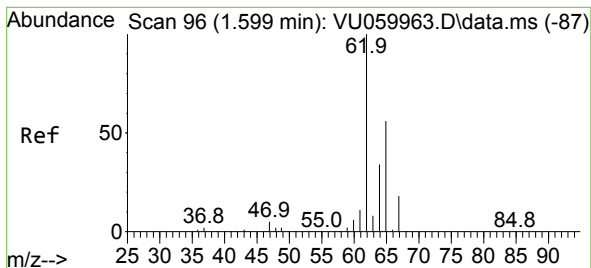
Tgt Ion: 85 Resp: 67903
Ion Ratio Lower Upper
85 100
87 32.8 26.6 40.0



#3
Chloromethane
Concen: 4.909 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion: 50 Resp: 78600
Ion Ratio Lower Upper
50 100
52 31.4 23.2 43.0





#5

Vinyl chloride

Concen: 4.960 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

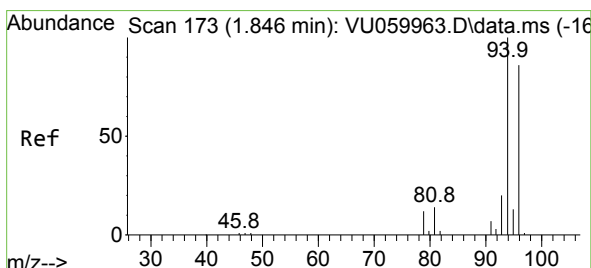
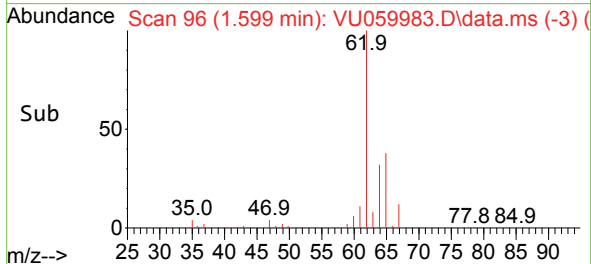
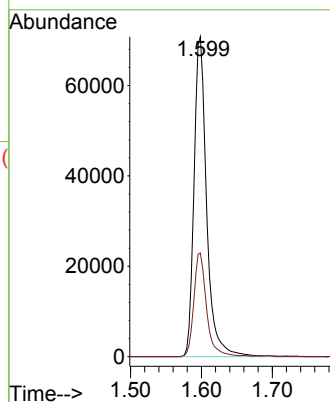
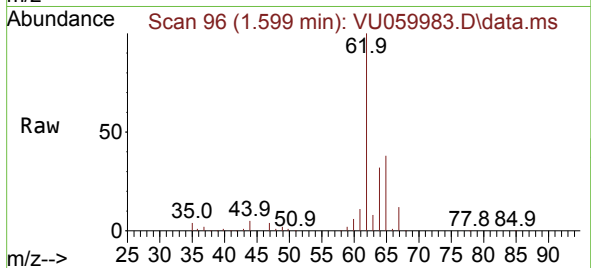
ClientSampleId :

Tgt Ion: 62 Resp: 87728

Ion Ratio Lower Upper

62 100

64 32.4 23.1 42.9



#6

Bromomethane

Concen: 4.119 ug/L

RT: 1.849 min Scan# 174

Delta R.T. 0.003 min

Lab File: VU059983.D

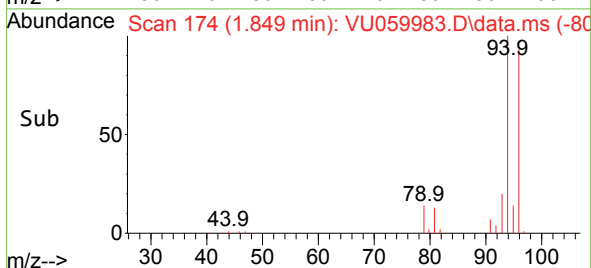
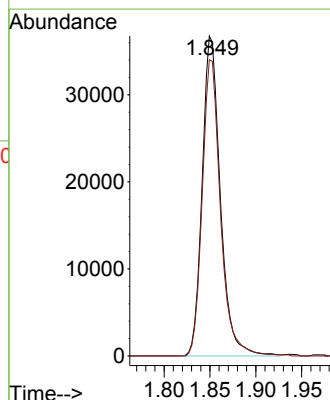
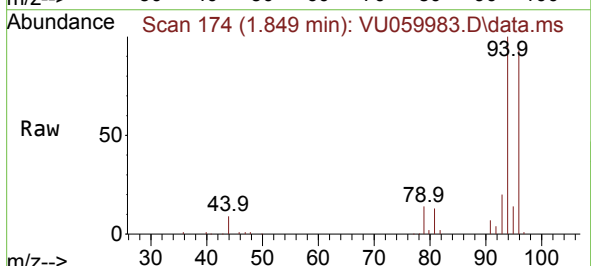
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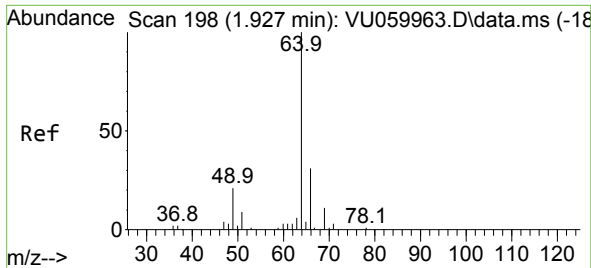
Tgt Ion: 94 Resp: 50658

Ion Ratio Lower Upper

94 100

96 92.5 62.9 116.9

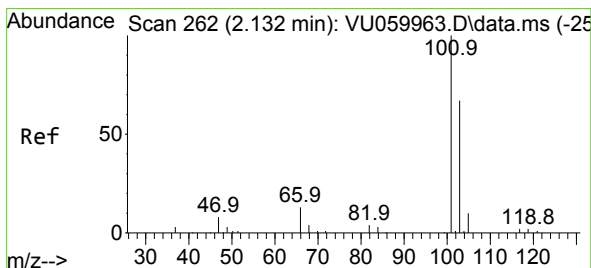
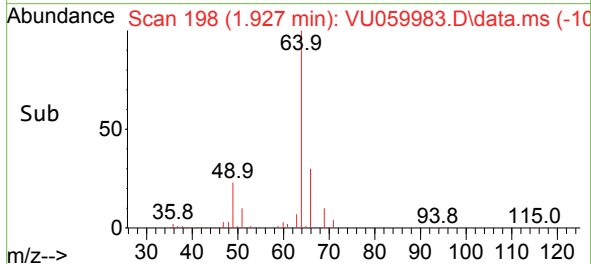
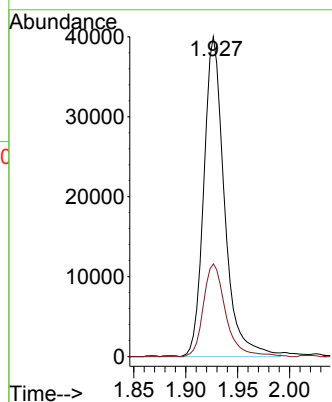
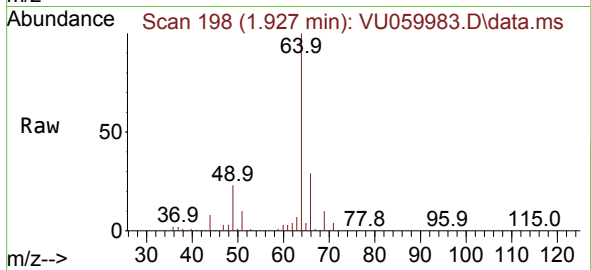




#8
Chloroethane
Concen: 5.186 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

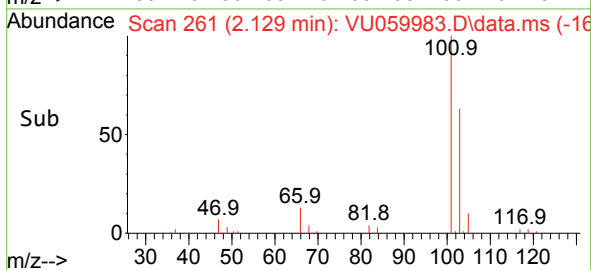
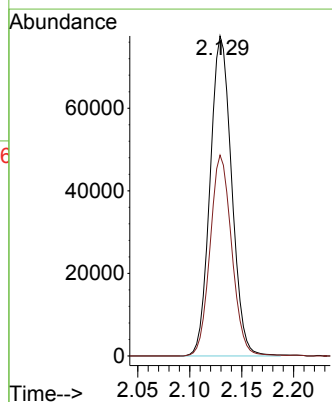
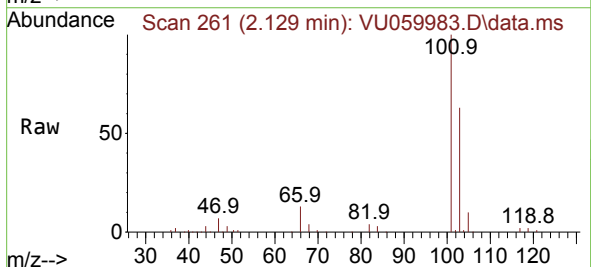
Instrument :
MSVOA_U
ClientSampleId :

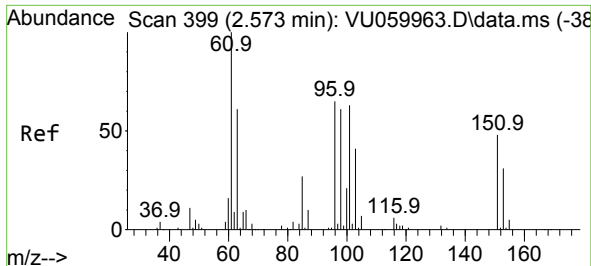
Tgt Ion: 64 Resp: 55267
Ion Ratio Lower Upper
64 100
66 29.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.249 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion:101 Resp: 111759
Ion Ratio Lower Upper
101 100
103 62.9 52.6 79.0

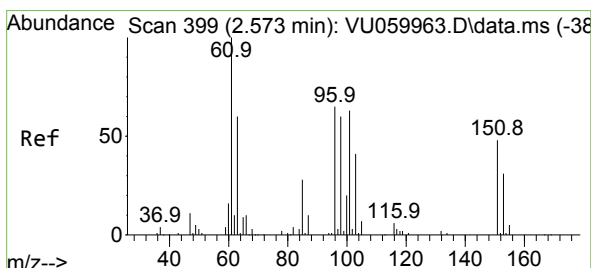
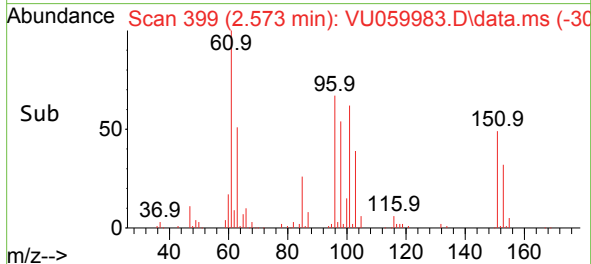
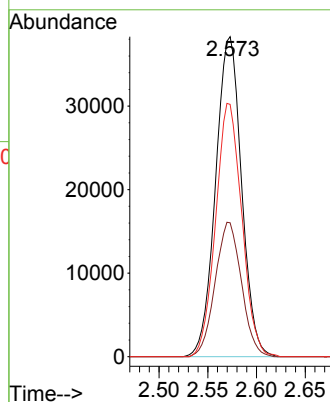
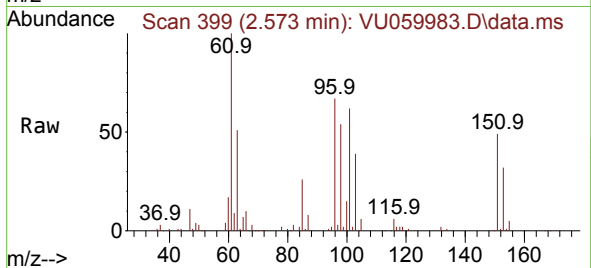




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.260 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

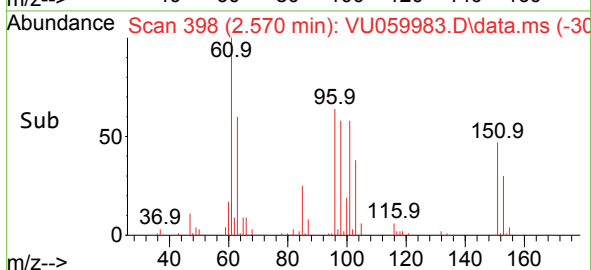
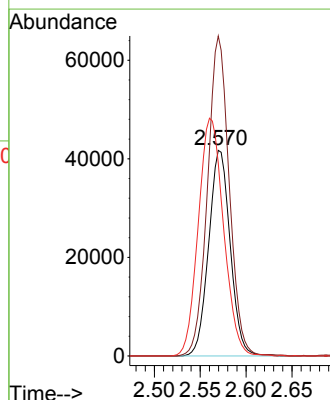
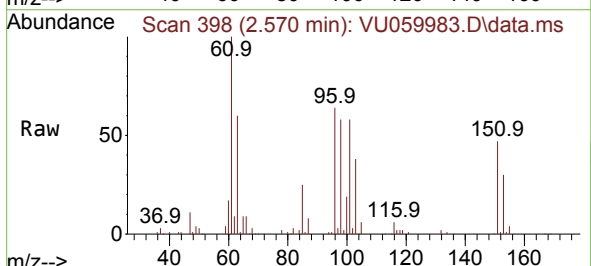
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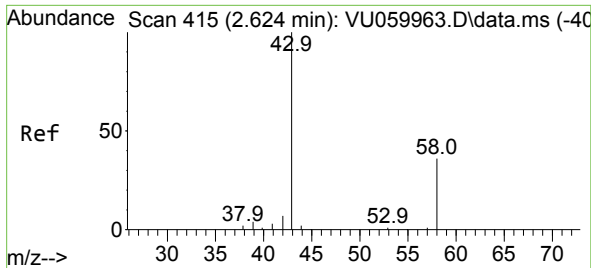
Tgt Ion:101 Resp: 70888
Ion Ratio Lower Upper
101 100
85 42.5 36.2 54.4
151 79.8 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.465 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion: 96 Resp: 68046
Ion Ratio Lower Upper
96 100
61 155.6 122.9 228.3
63 93.7 80.4 149.4





#13

Acetone

Concen: 63.116 ug/L

RT: 2.637 min Scan# 415

Delta R.T. 0.013 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

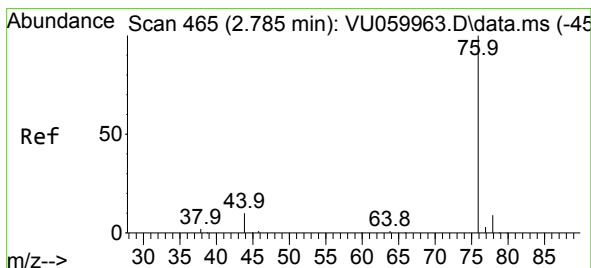
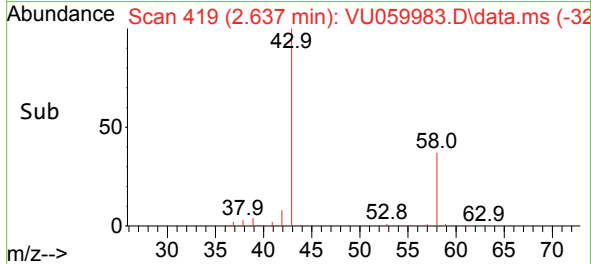
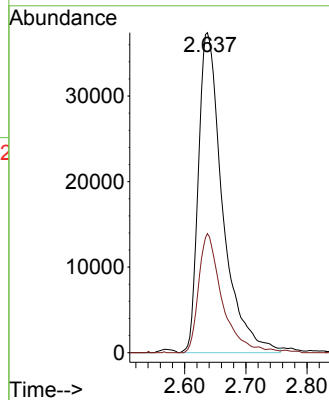
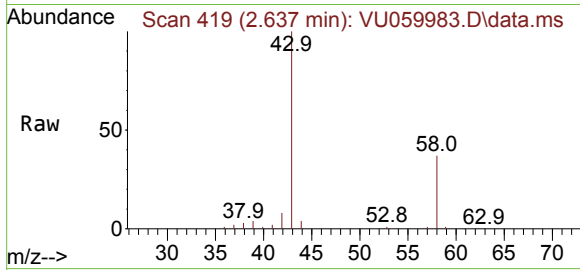
ClientSampleId :

Tgt Ion: 43 Resp: 102951

Ion Ratio Lower Upper

43 100

58 35.6 0.0 68.0



#14

Carbon disulfide

Concen: 4.458 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059983.D

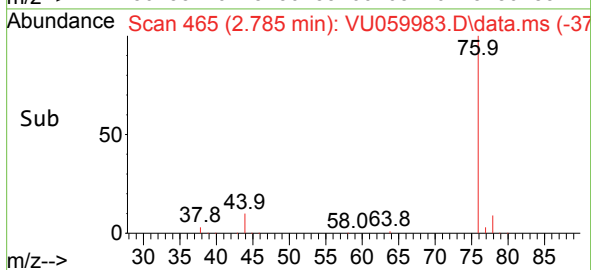
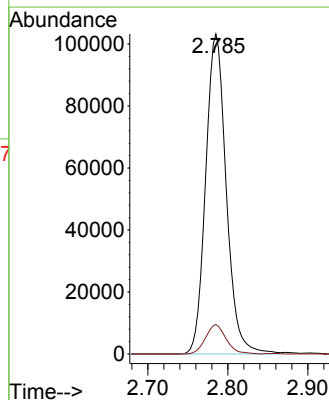
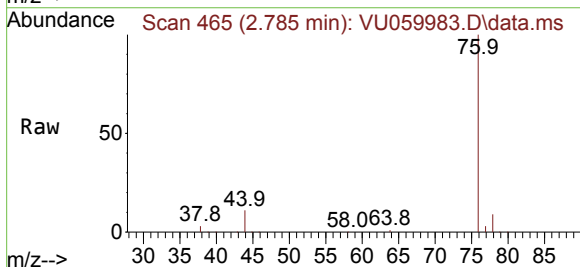
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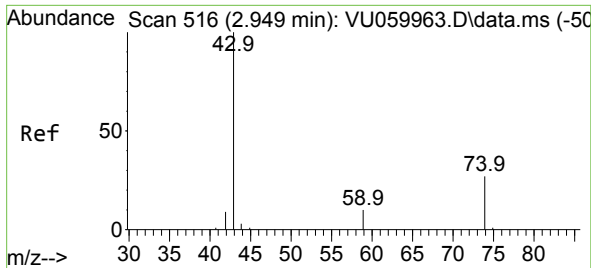
Tgt Ion: 76 Resp: 185169

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

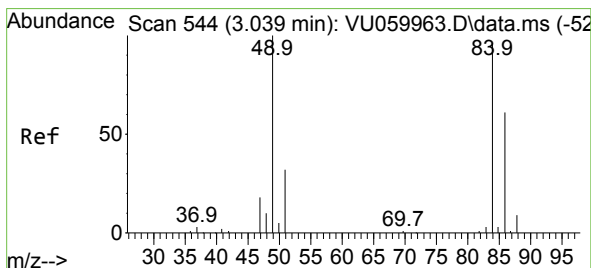
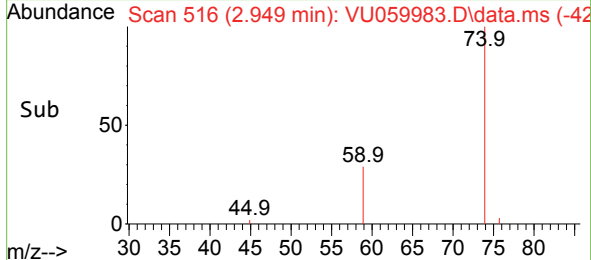
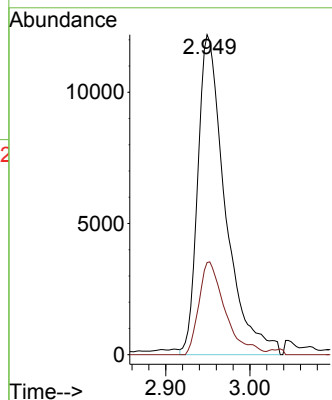
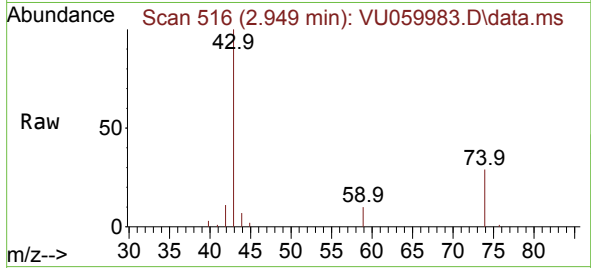




#15
Methyl Acetate
Concen: 6.423 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

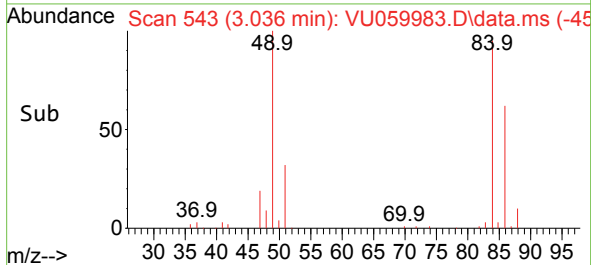
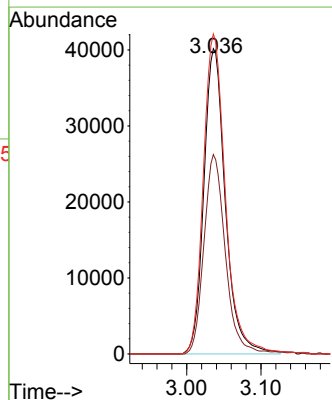
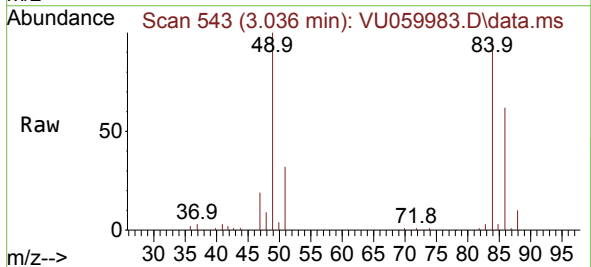
Instrument :
MSVOA_U
ClientSampleId :

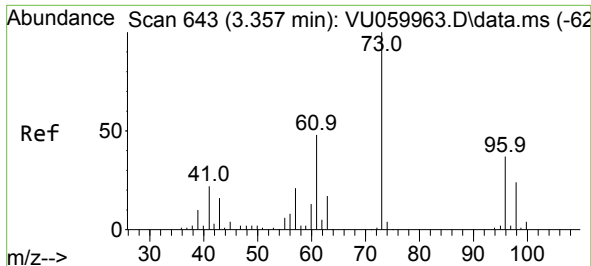
Tgt Ion: 43 Resp: 27647
Ion Ratio Lower Upper
43 100
74 27.7 19.2 28.8



#16
Methylene chloride
Concen: 5.474 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion: 84 Resp: 80765
Ion Ratio Lower Upper
84 100
86 65.3 42.1 78.1
49 104.8 80.6 149.8





#17

Methyl tert-butyl Ether

Concen: 6.374 ug/L

RT: 3.354 min Scan# 64

Delta R.T. -0.003 min

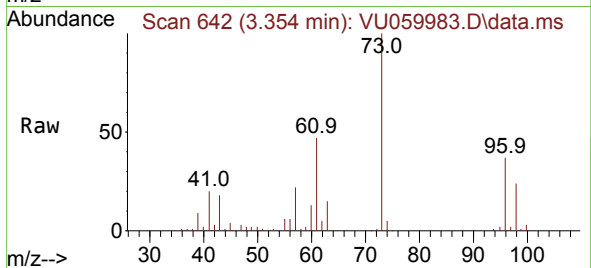
Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

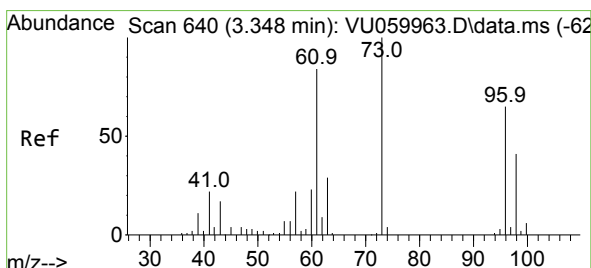
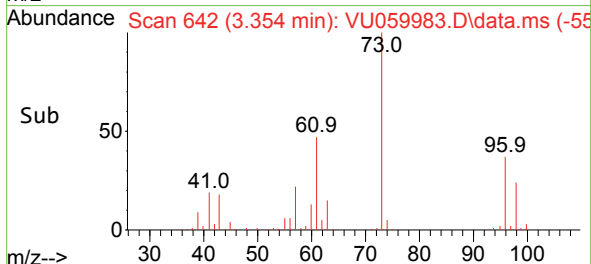
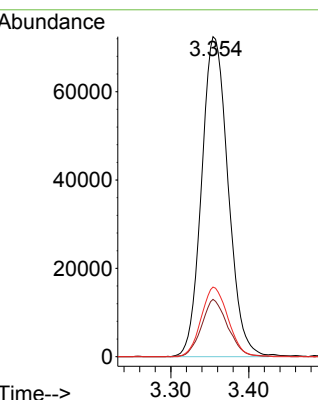
MSVOA_U

ClientSampleId :



Tgt Ion: 73 Resp: 171009

Ion	Ratio	Lower	Upper
73	100		
43	17.7	14.9	22.3
57	22.1	18.0	27.0



#18

trans-1,2-Dichloroethene

Concen: 5.430 ug/L

RT: 3.344 min Scan# 639

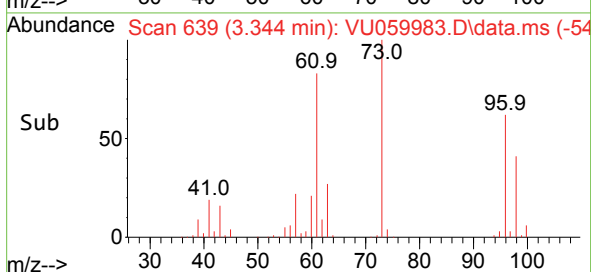
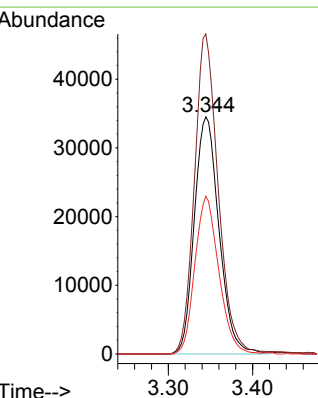
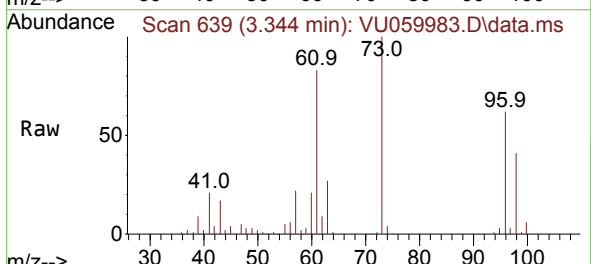
Delta R.T. -0.003 min

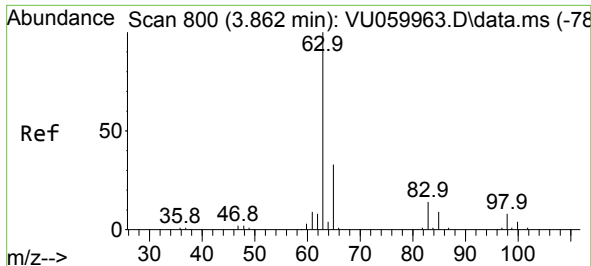
Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Tgt Ion: 96 Resp: 70310

Ion	Ratio	Lower	Upper
96	100		
61	135.0	101.8	189.0
98	66.4	43.3	80.5





#19

1,1-Dichloroethane

Concen: 5.464 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

ClientSampleId :

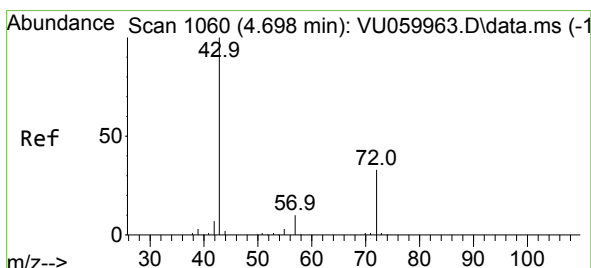
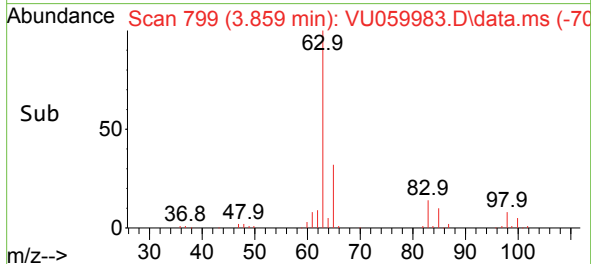
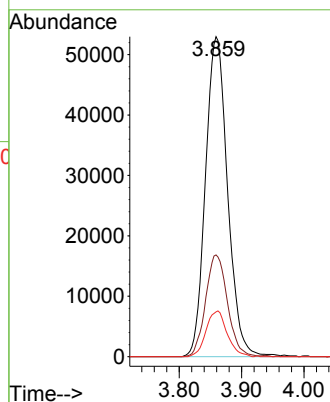
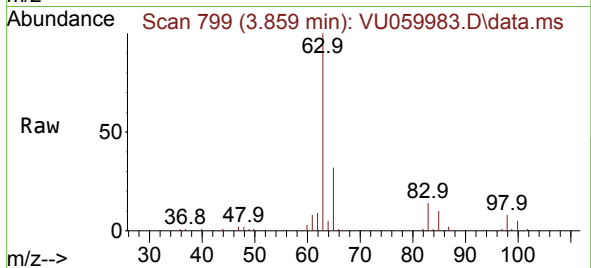
Tgt Ion: 63 Resp: 130461

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 14.0 9.9 18.5



#21

2-Butanone

Concen: 66.231 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. 0.006 min

Lab File: VU059983.D

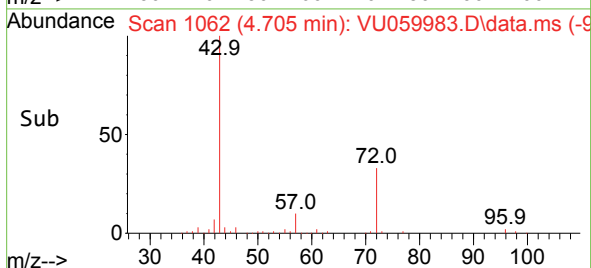
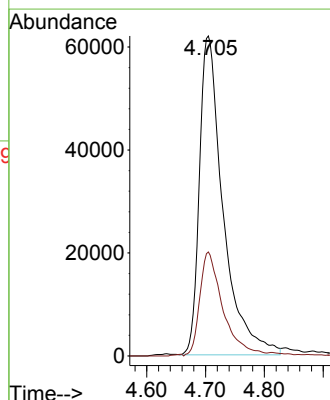
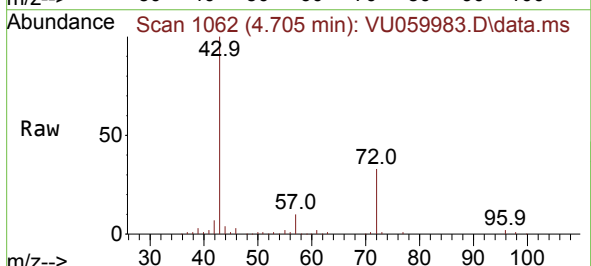
Acq: 16 Jul 2024 18:46

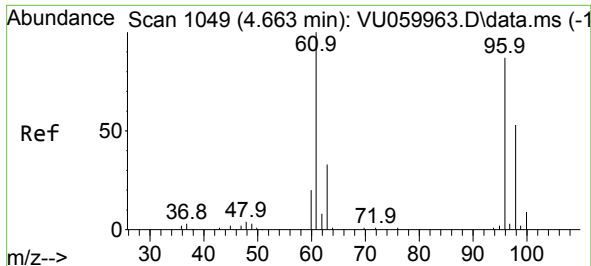
Tgt Ion: 43 Resp: 173277

Ion Ratio Lower Upper

43 100

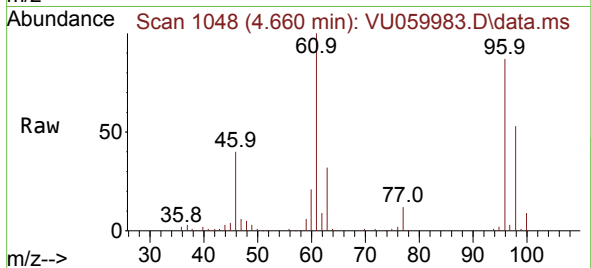
72 31.8 13.8 41.4



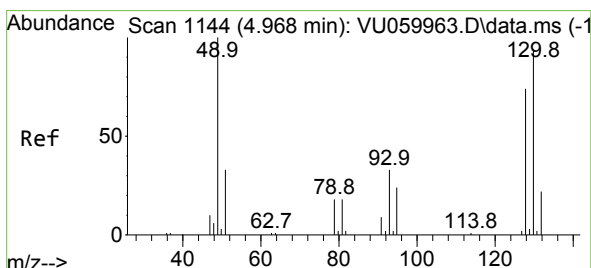
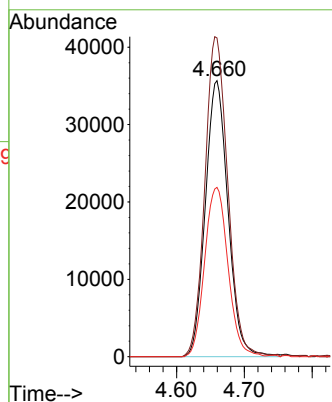
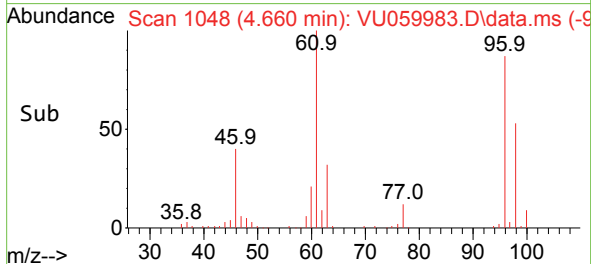


#22
cis-1,2-Dichloroethene
Concen: 5.813 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Instrument :
MSVOA_U
ClientSampleId :

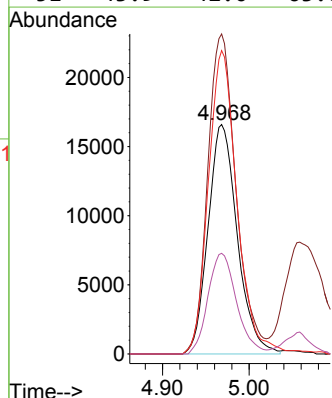
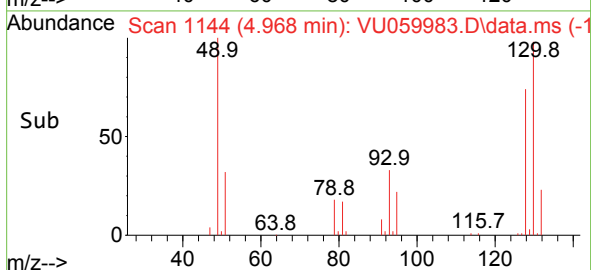
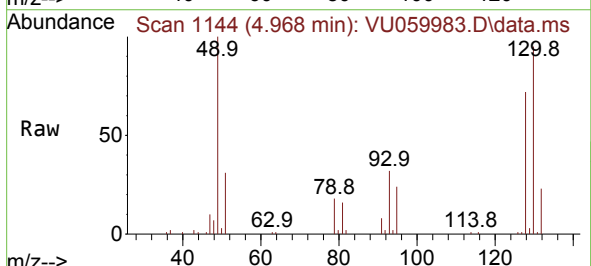


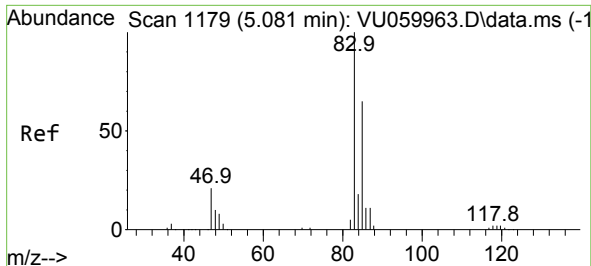
Tgt Ion: 96 Resp: 82963
Ion Ratio Lower Upper
96 100
61 115.5 87.4 162.2
98 61.3 42.3 78.5



#23
Bromochloromethane
Concen: 5.975 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion: 128 Resp: 38880
Ion Ratio Lower Upper
128 100
49 139.5 117.0 217.4
130 132.3 89.6 166.4
51 43.9 42.0 63.0





#25

Chloroform

Concen: 5.536 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

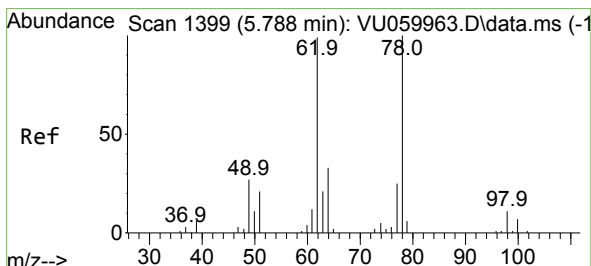
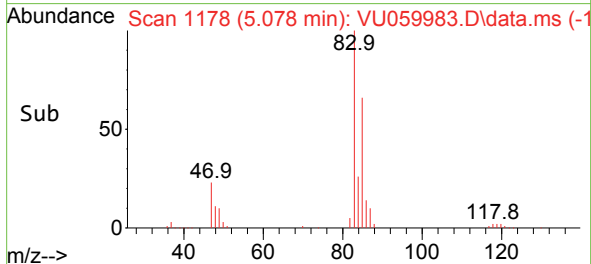
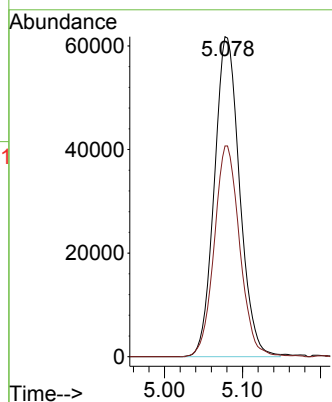
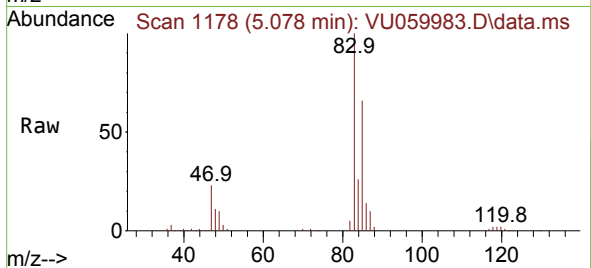
ClientSampleId :

Tgt Ion: 83 Resp: 139232

Ion Ratio Lower Upper

83 100

85 65.9 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.691 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU059983.D

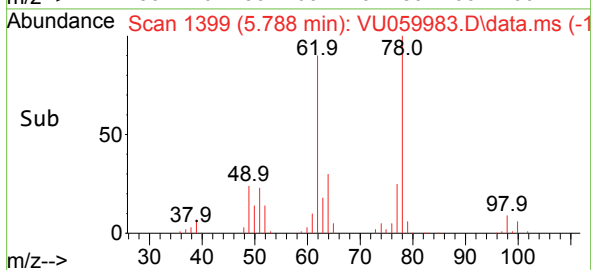
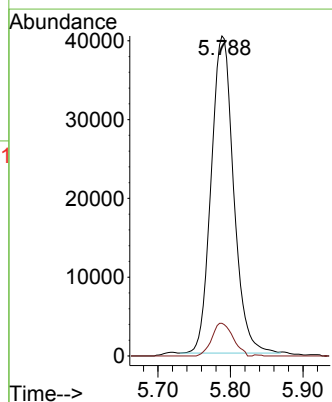
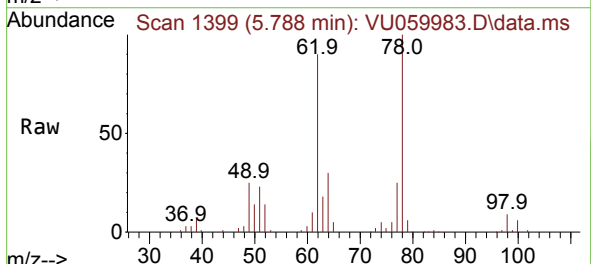
Acq: 16 Jul 2024 18:46

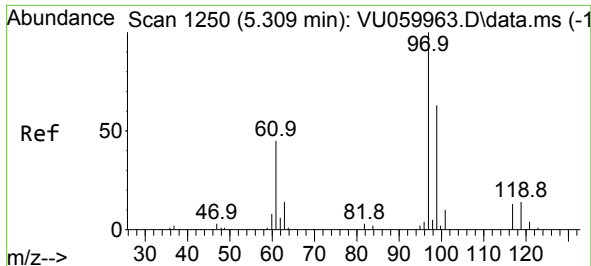
Tgt Ion: 62 Resp: 86742

Ion Ratio Lower Upper

62 100

98 10.2 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.601 ug/L

RT: 5.306 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

ClientSampleId :

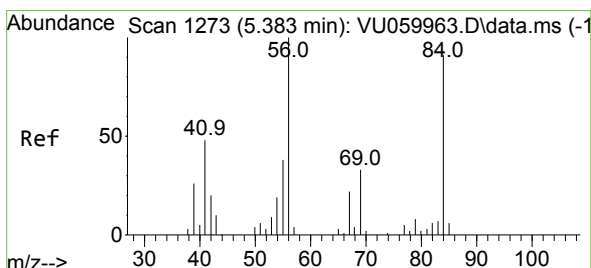
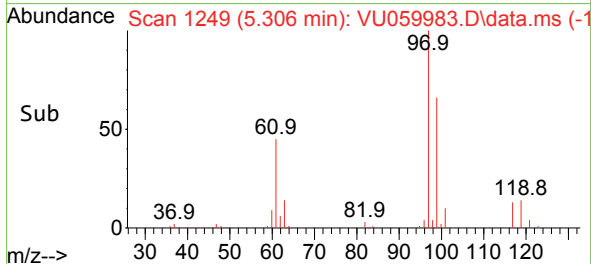
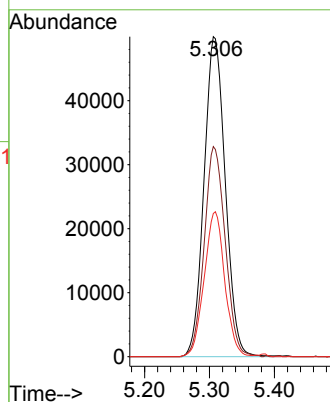
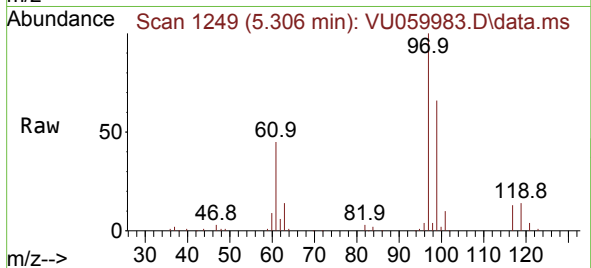
Tgt Ion: 97 Resp: 113940

Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.6

61 43.8 37.4 56.2



#30

Cyclohexane

Concen: 5.469 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

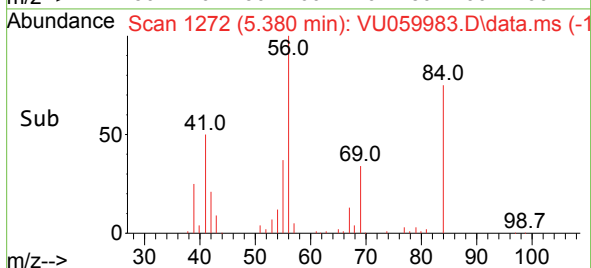
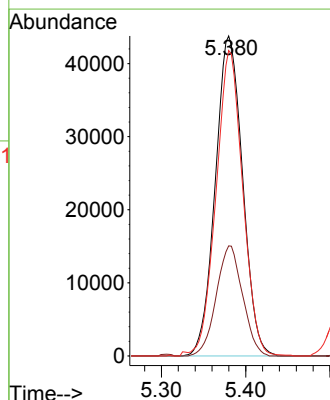
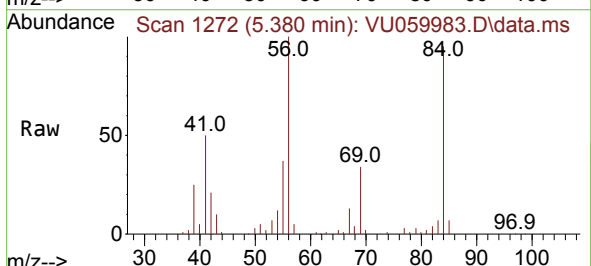
Tgt Ion: 56 Resp: 98226

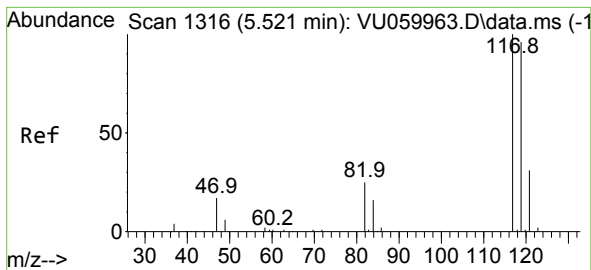
Ion Ratio Lower Upper

56 100

69 33.2 24.8 37.2

84 93.6 69.8 104.8





#31

Carbon tetrachloride

Concen: 5.563 ug/L

RT: 5.515 min Scan# 117

Delta R.T. -0.007 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

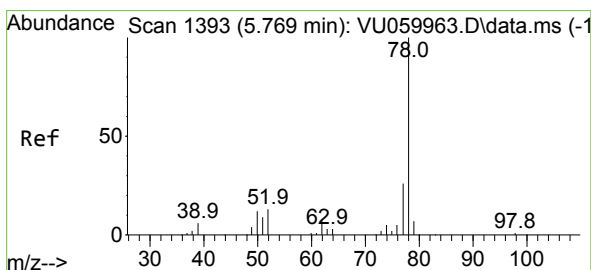
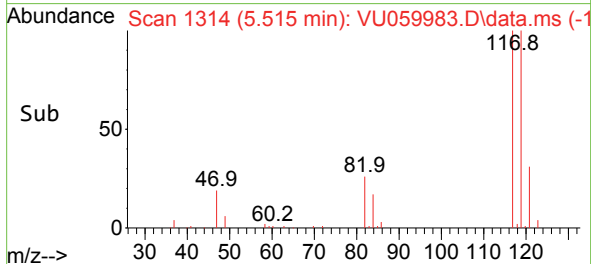
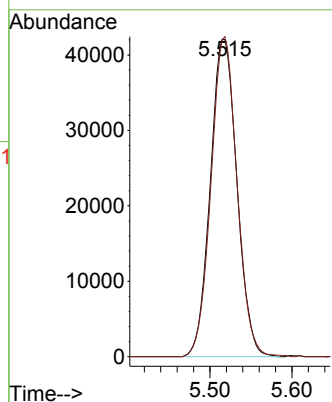
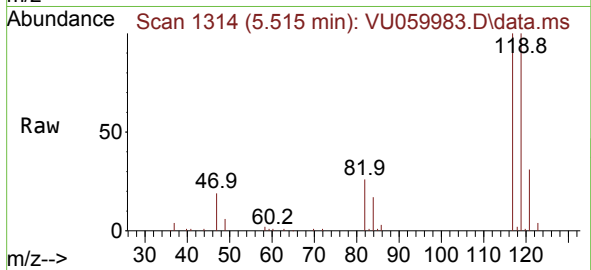
ClientSampleId :

Tgt Ion:117 Resp: 94744

Ion Ratio Lower Upper

117 100

119 98.7 77.5 116.3



#33

Benzene

Concen: 5.637 ug/L

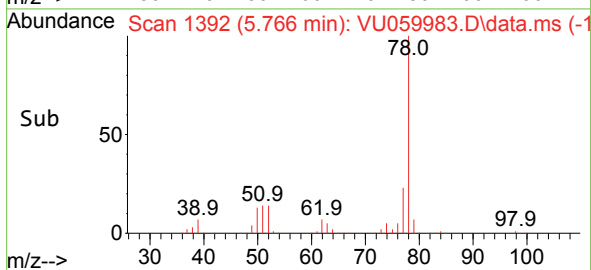
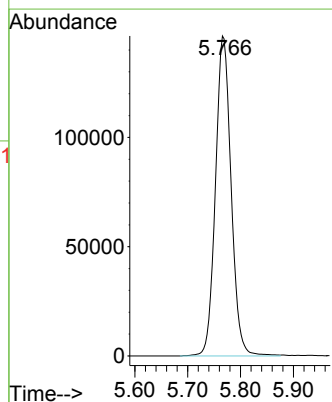
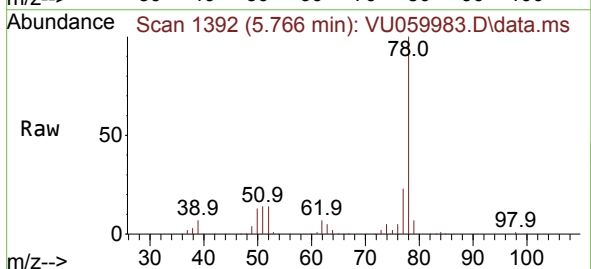
RT: 5.766 min Scan# 1392

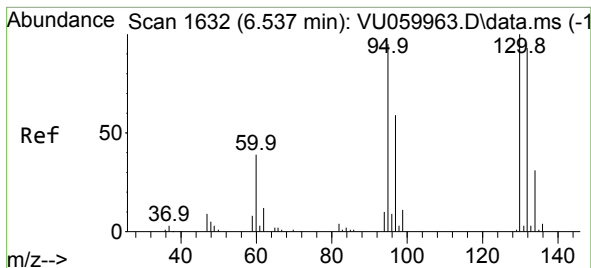
Delta R.T. -0.003 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Tgt Ion: 78 Resp: 301523





#34

Trichloroethene

Concen: 5.613 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

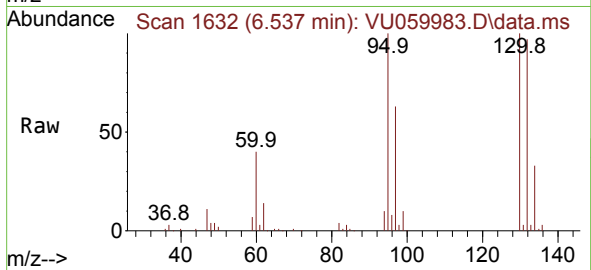
Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 81322

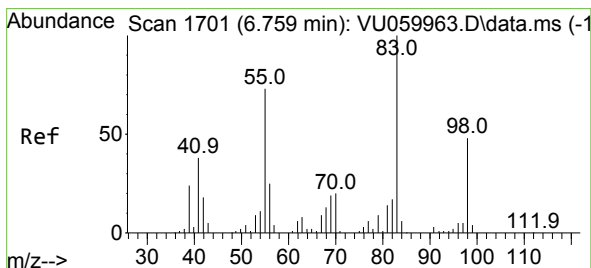
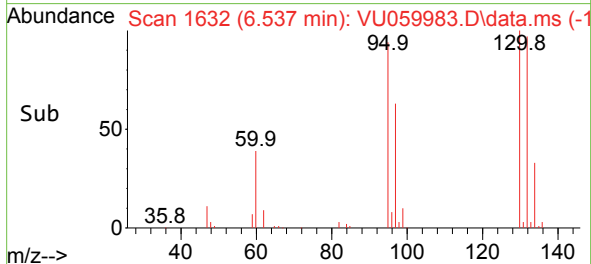
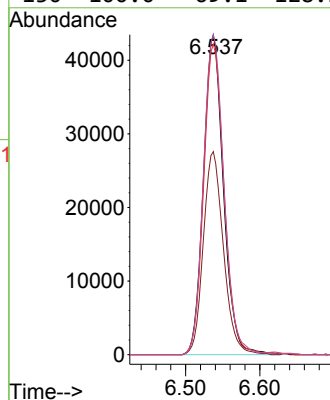
Ion Ratio Lower Upper

95 100

97 63.5 45.3 84.1

132 97.1 64.0 119.0

130 100.0 69.1 128.3



#35

Methylcyclohexane

Concen: 5.285 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

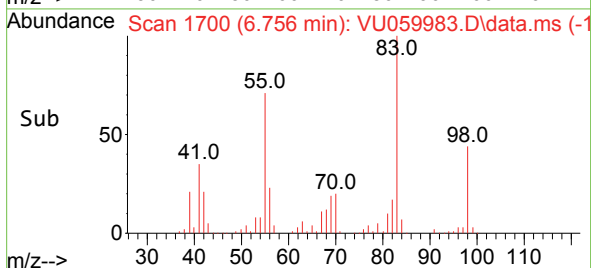
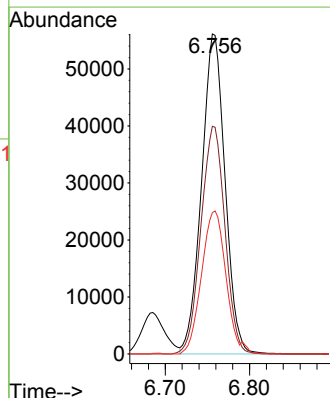
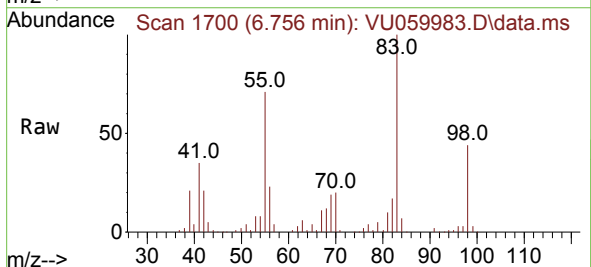
Tgt Ion: 83 Resp: 108934

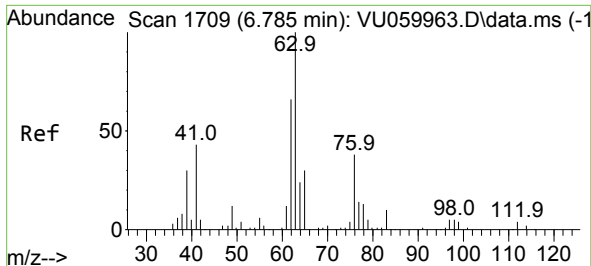
Ion Ratio Lower Upper

83 100

55 72.6 62.7 94.1

98 46.6 35.4 53.0

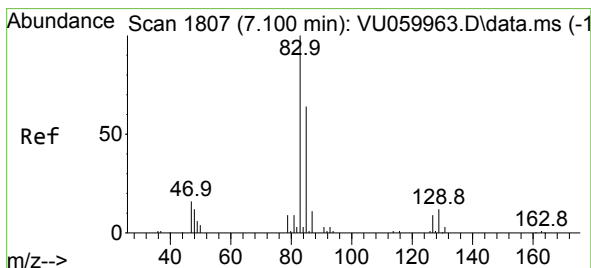
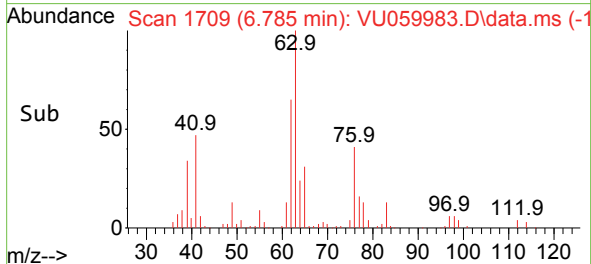
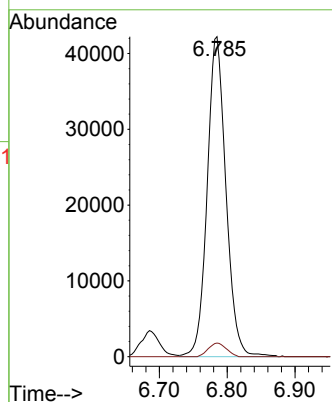
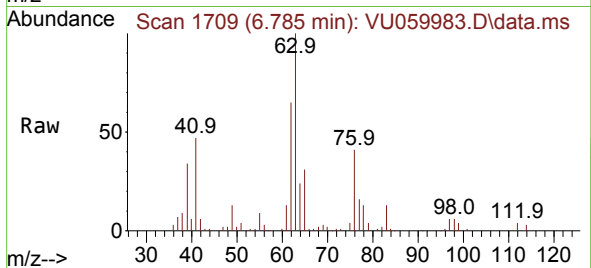




#37
1,2-Dichloropropane
Concen: 5.860 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

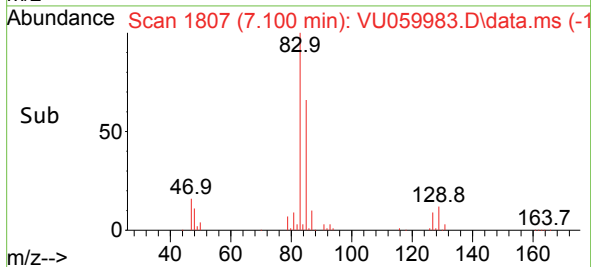
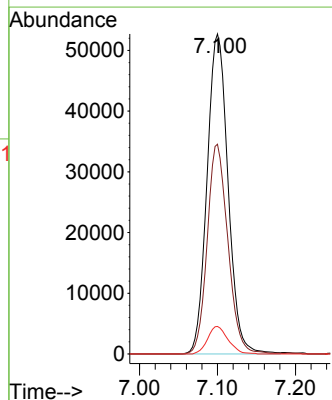
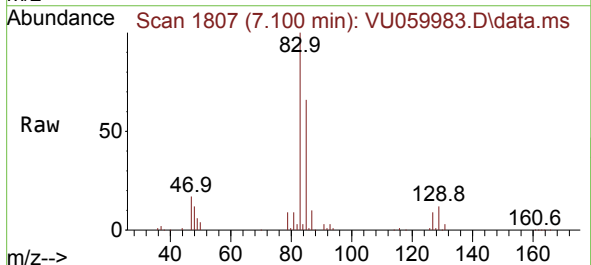
Instrument :
MSVOA_U
ClientSampleId :

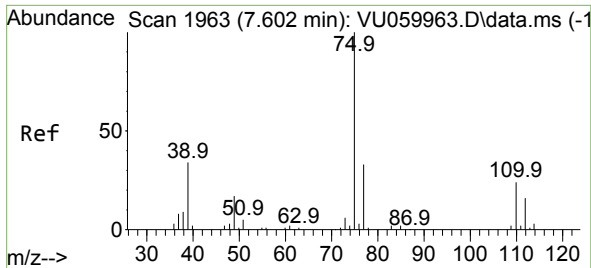
Tgt Ion: 63 Resp: 81126
Ion Ratio Lower Upper
63 100
112 4.1 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.719 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion: 83 Resp: 98827
Ion Ratio Lower Upper
83 100
85 65.5 42.7 79.3
127 8.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.753 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

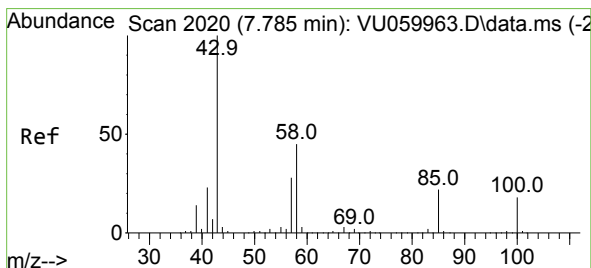
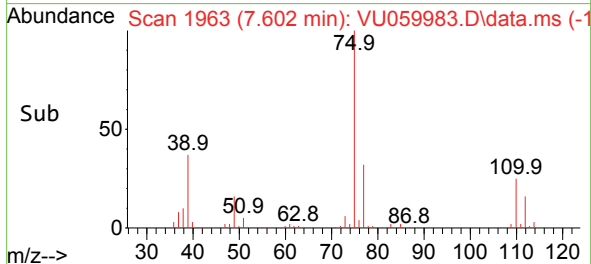
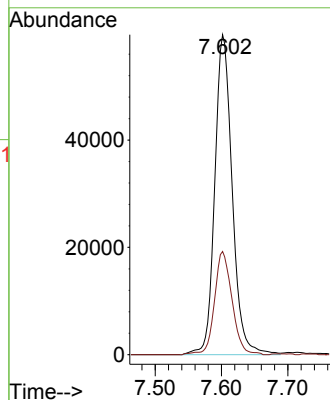
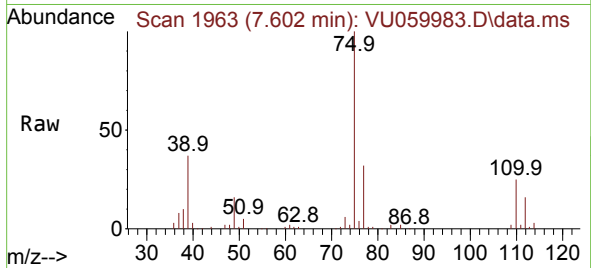
ClientSampleId :

Tgt Ion: 75 Resp: 108909

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 68.849 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

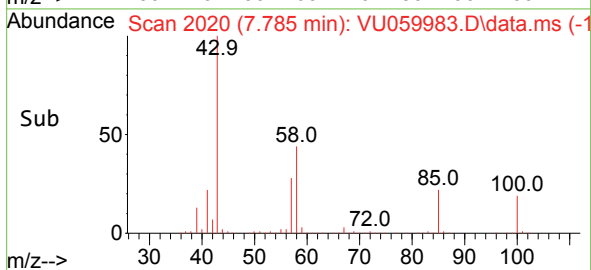
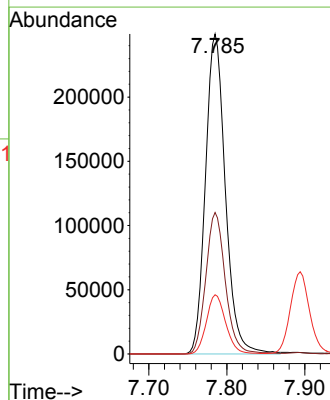
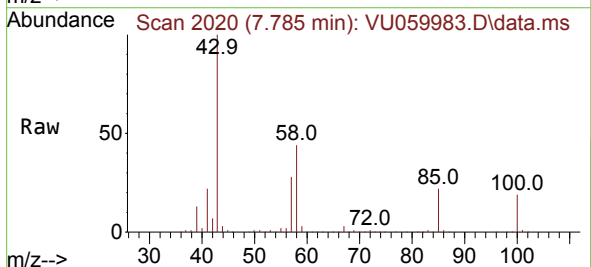
Tgt Ion: 43 Resp: 441638

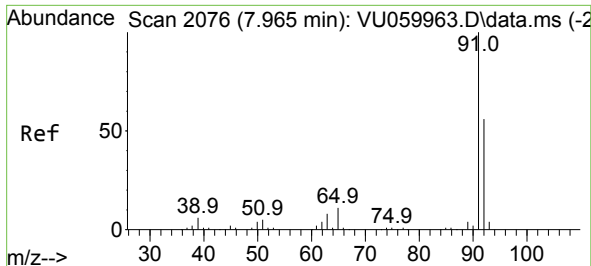
Ion Ratio Lower Upper

43 100

58 43.5 34.0 51.0

100 18.0 12.1 18.1





#42

Toluene

Concen: 5.812 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

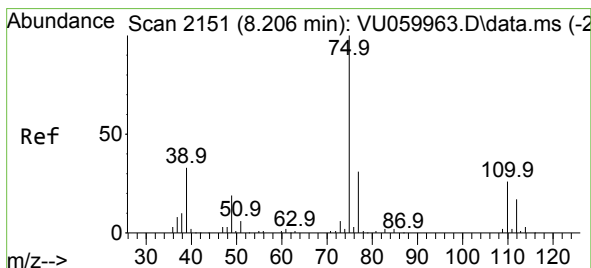
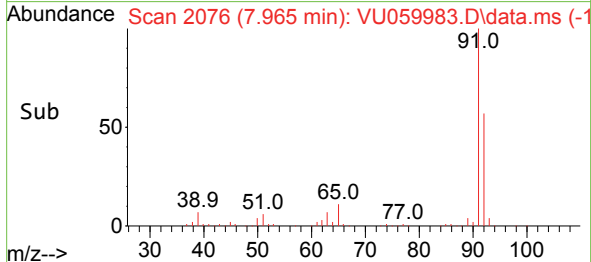
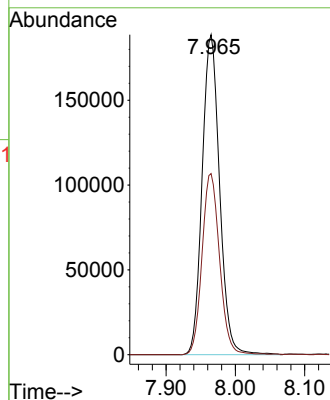
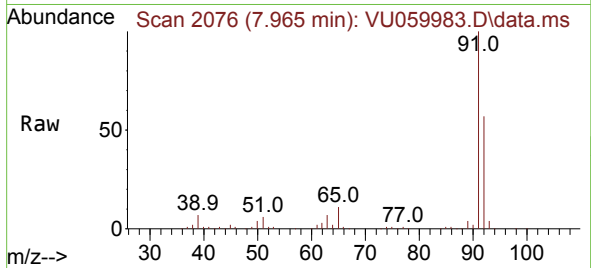
ClientSampleId :

Tgt Ion: 91 Resp: 329151

Ion Ratio Lower Upper

91 100

92 56.6 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.858 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059983.D

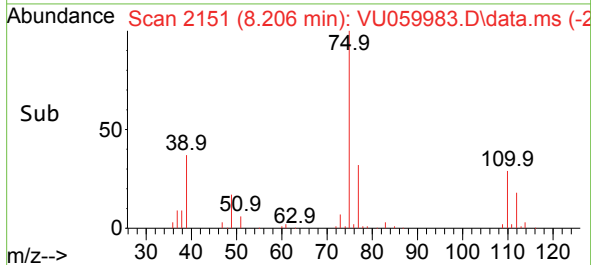
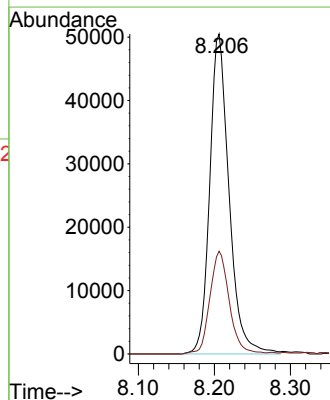
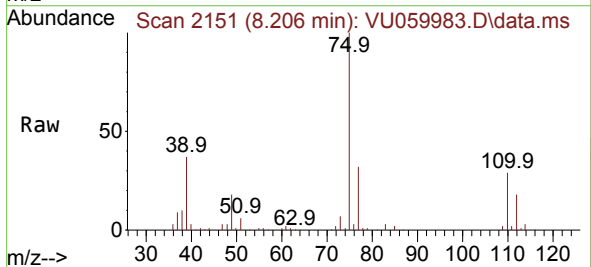
Acq: 16 Jul 2024 18:46

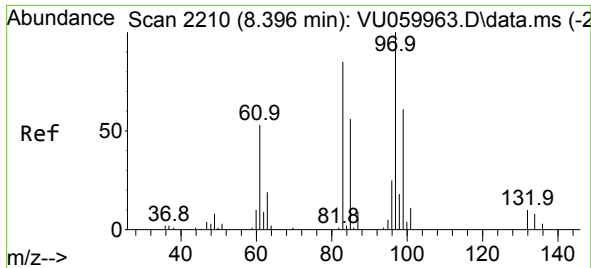
Tgt Ion: 75 Resp: 89020

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



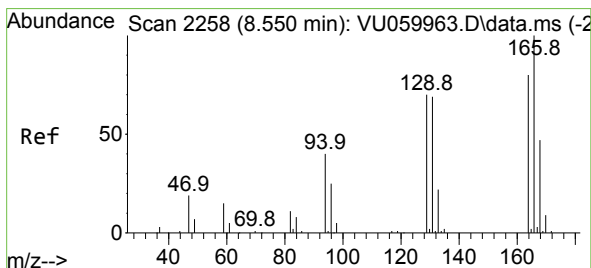
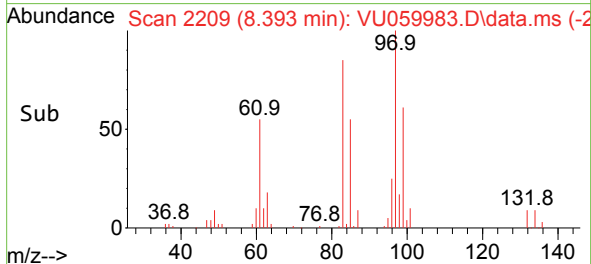
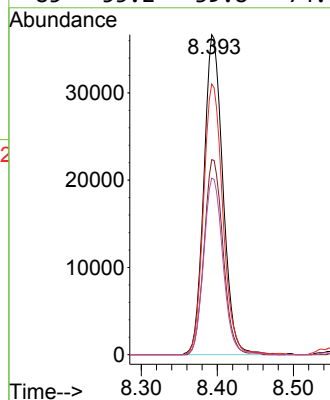
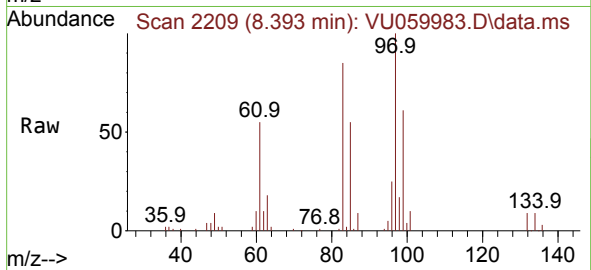


#45
1,1,2-Trichloroethane
Concen: 6.246 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 63714

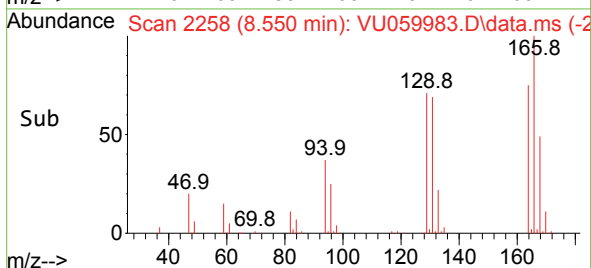
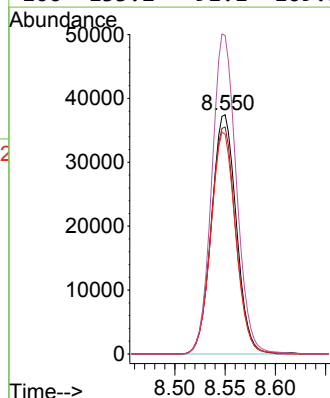
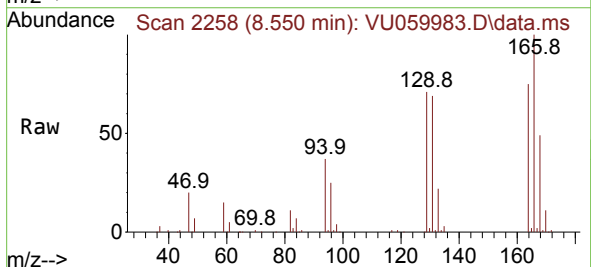
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.3	80.3
83	84.6	62.3	115.7
85	55.2	39.8	74.0

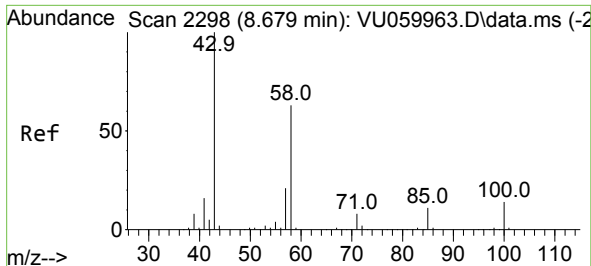


#47
Tetrachloroethene
Concen: 5.713 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion: 164 Resp: 64219

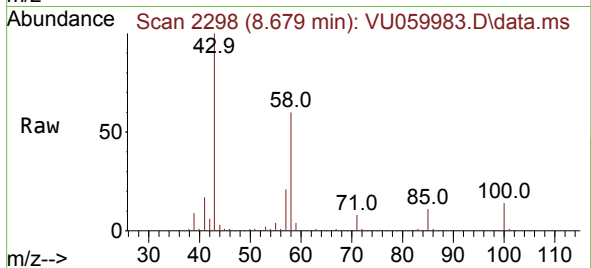
Ion	Ratio	Lower	Upper
164	100		
129	94.8	70.8	131.4
131	91.9	64.8	120.3
166	133.2	91.1	169.1



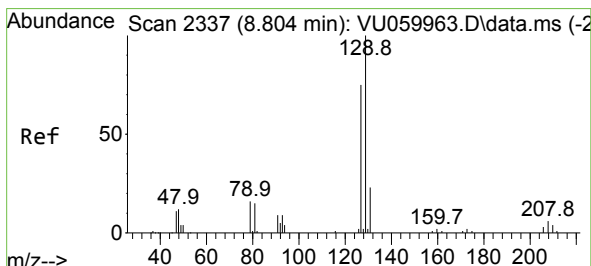
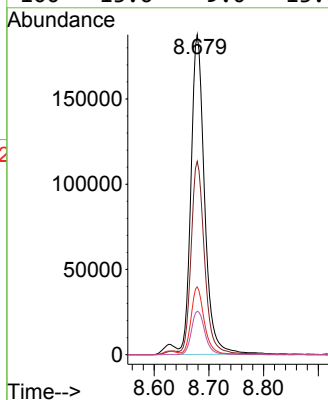
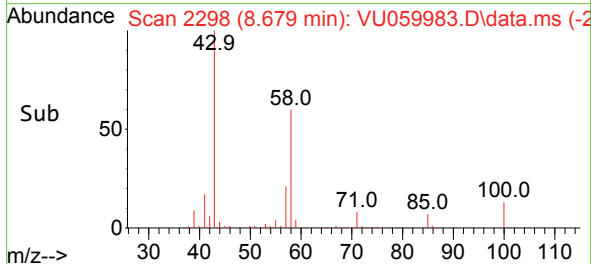


#48
2-Hexanone
Concen: 70.615 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Instrument :
MSVOA_U
ClientSampleId :

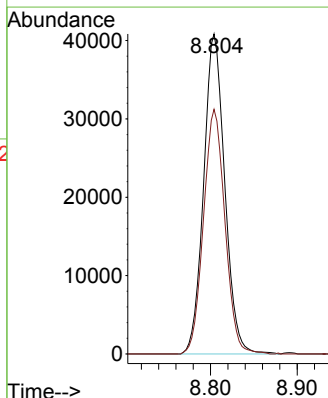
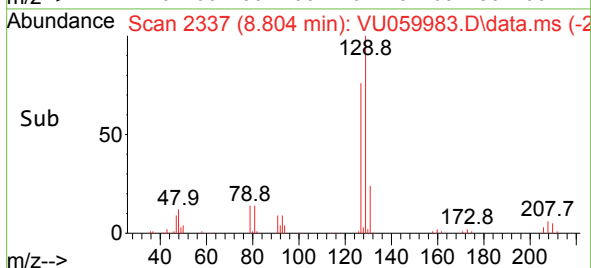
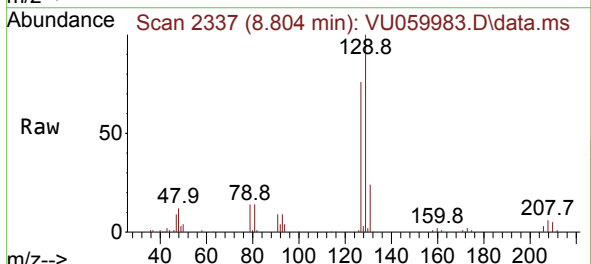


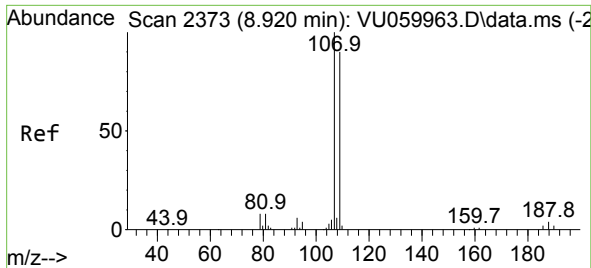
Tgt Ion: 43 Resp: 323278
Ion Ratio Lower Upper
43 100
58 59.7 46.1 69.1
57 20.5 15.5 23.3
100 13.6 9.0 13.6#



#49
Dibromochloromethane
Concen: 6.125 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion: 129 Resp: 69218
Ion Ratio Lower Upper
129 100
127 76.4 52.5 97.5

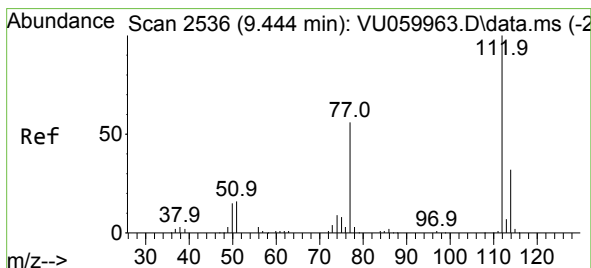
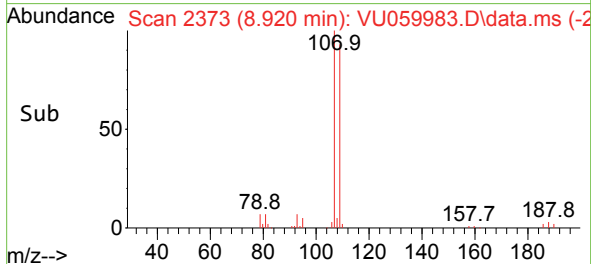
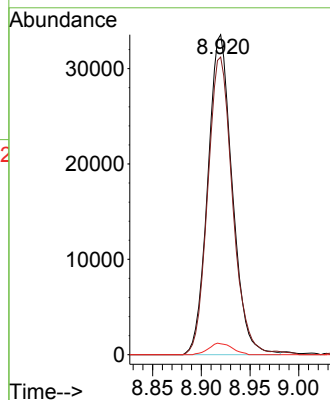
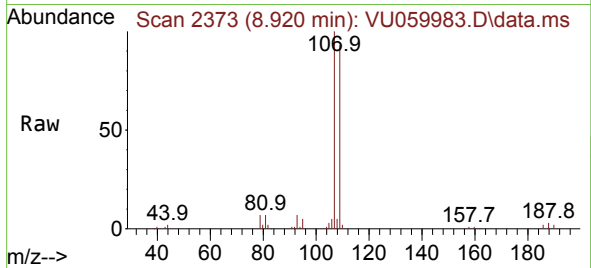




#50
1,2-Dibromoethane
Concen: 6.226 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

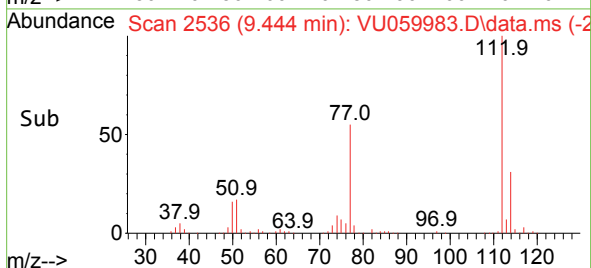
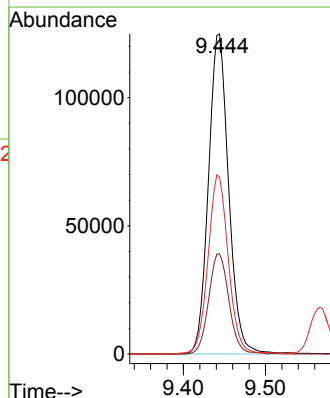
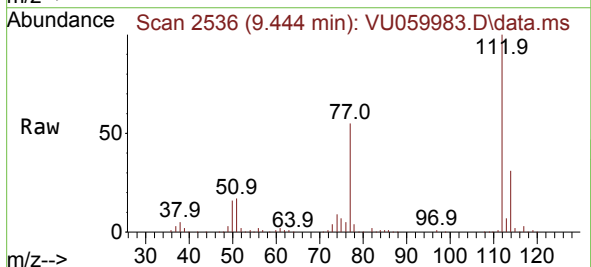
Instrument :
MSVOA_U
ClientSampleId :

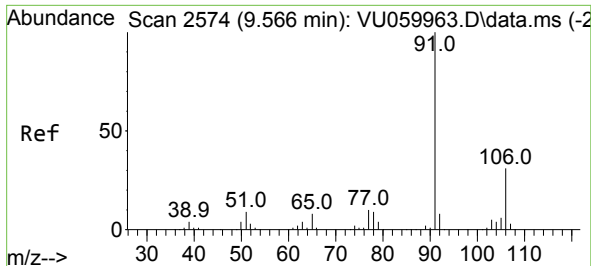
Tgt Ion:107 Resp: 58650
Ion Ratio Lower Upper
107 100
109 93.0 66.9 124.3
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.931 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion:112 Resp: 213039
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 55.3 49.1 73.7

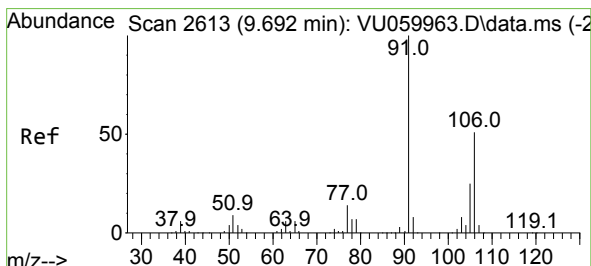
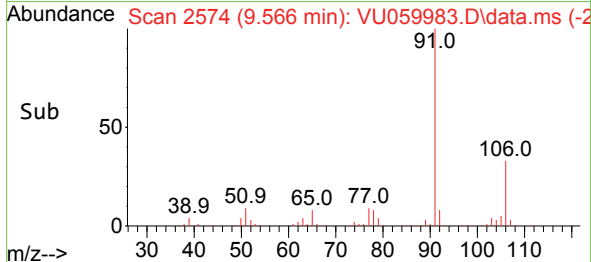
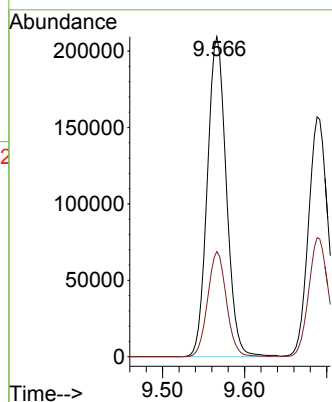
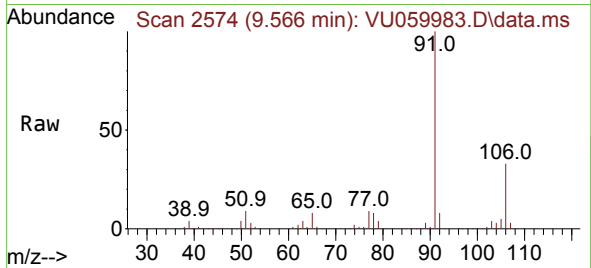




#52
Ethylbenzene
Concen: 5.795 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

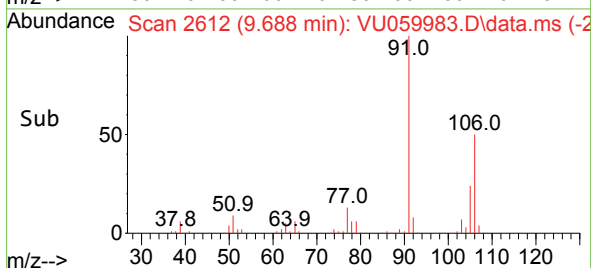
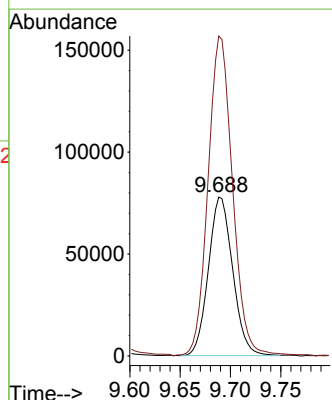
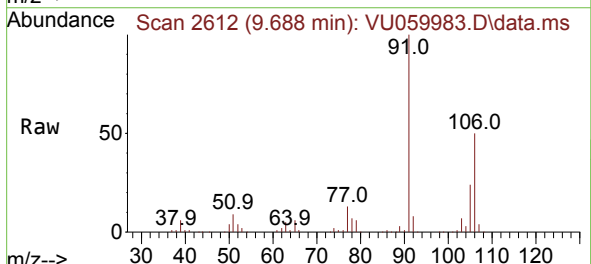
Instrument :
MSVOA_U
ClientSampleId :

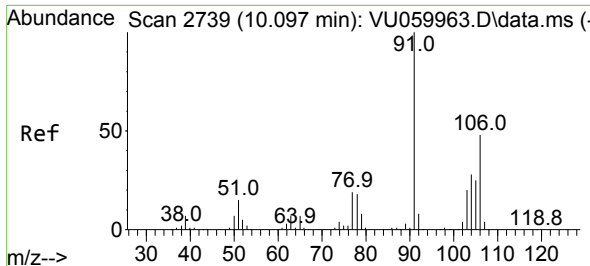
Tgt Ion: 91 Resp: 336643
Ion Ratio Lower Upper
91 100
106 32.9 20.9 38.7



#53
m,p-Xylene
Concen: 5.850 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion:106 Resp: 130540
Ion Ratio Lower Upper
106 100
91 201.4 142.0 263.8

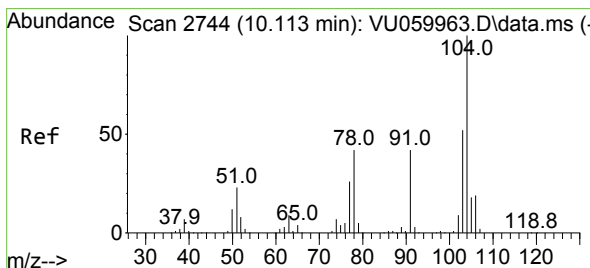
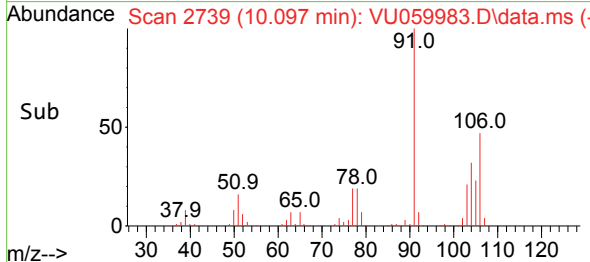
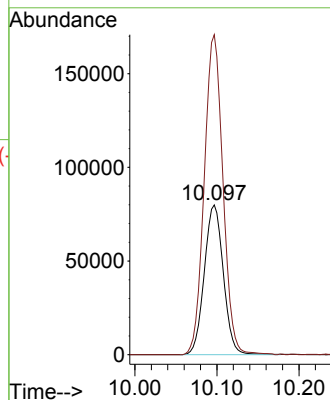
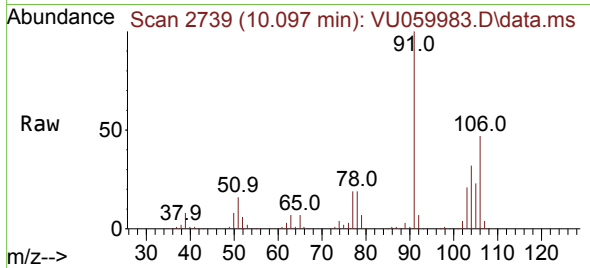




#54
o-Xylene
Concen: 6.100 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

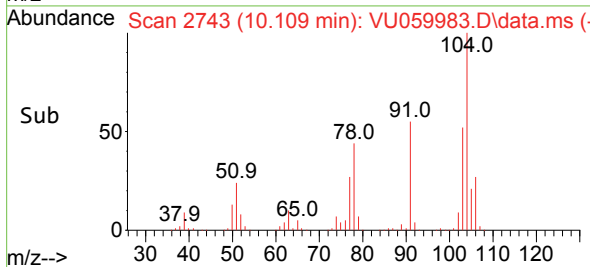
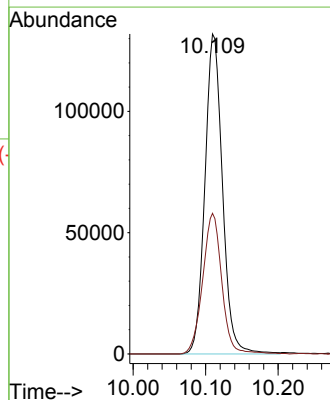
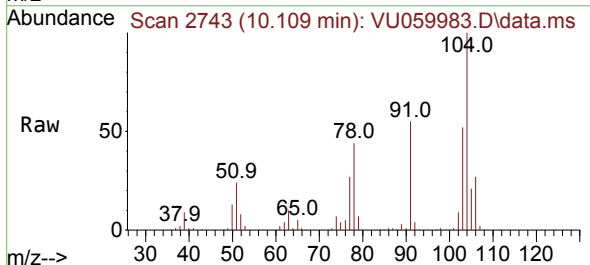
Instrument :
MSVOA_U
ClientSampleId :

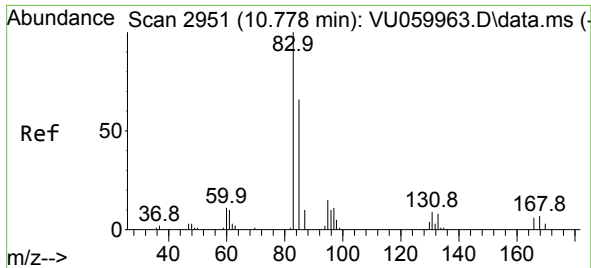
Tgt Ion:106 Resp: 129164
Ion Ratio Lower Upper
106 100
91 213.6 151.6 281.6



#55
Styrene
Concen: 6.171 ug/L
RT: 10.109 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion:104 Resp: 222448
Ion Ratio Lower Upper
104 100
78 43.9 32.3 60.1

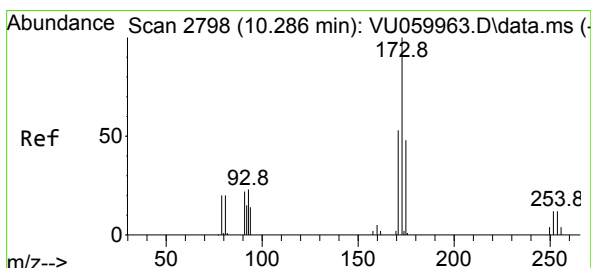
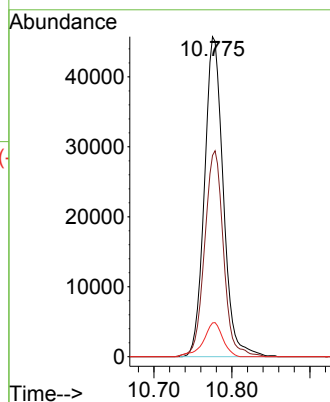
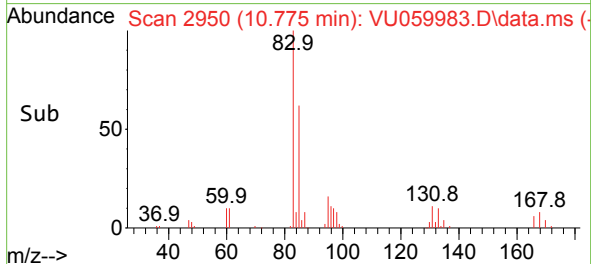
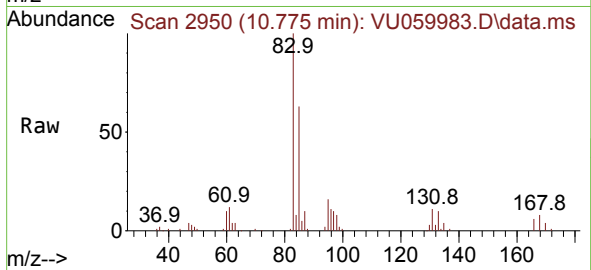




#57
1,1,2,2-Tetrachloroethane
Concen: 6.192 ug/L
RT: 10.775 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

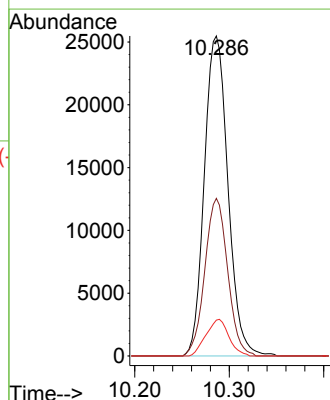
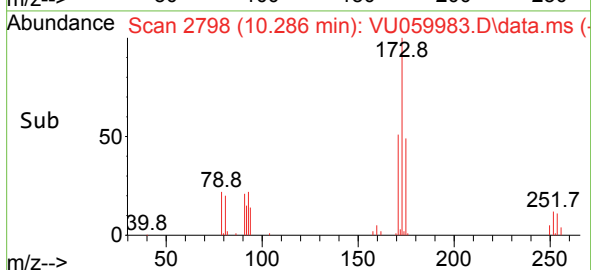
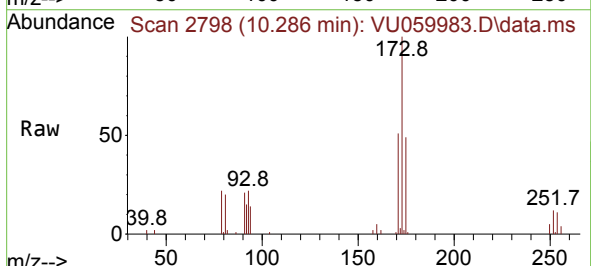
Instrument :
MSVOA_U
ClientSampleId :

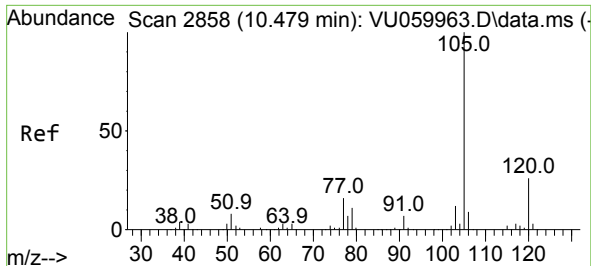
Tgt Ion: 83 Resp: 76627
Ion Ratio Lower Upper
83 100
85 62.9 44.7 82.9
131 10.6 6.9 10.3#



#59
Bromoform
Concen: 6.195 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

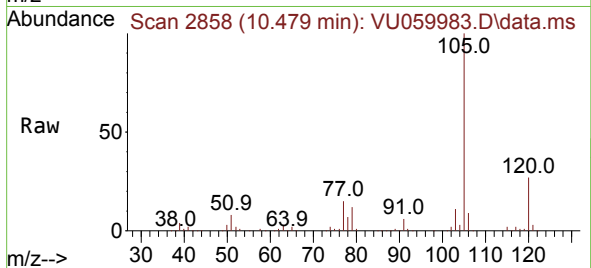
Tgt Ion:173 Resp: 44232
Ion Ratio Lower Upper
173 100
175 47.6 39.4 59.2
254 11.1 7.4 11.2



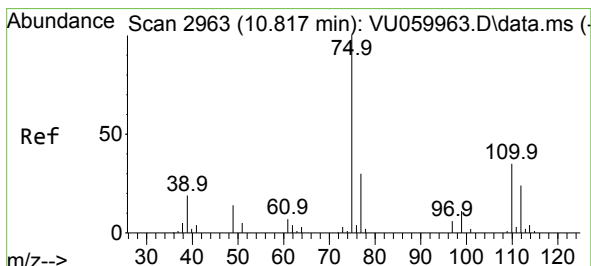
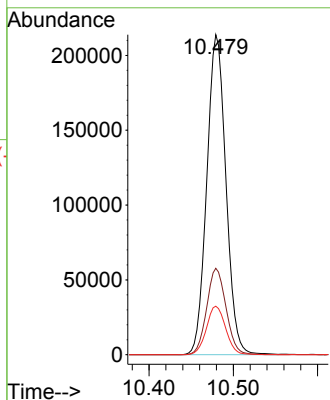
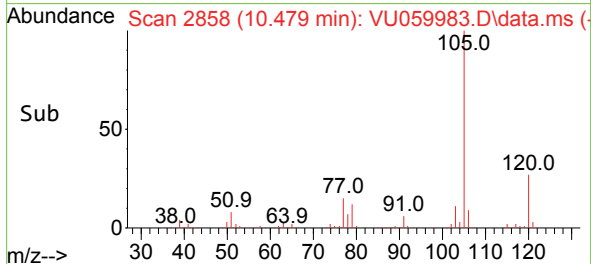


#60
Isopropylbenzene
Concen: 5.866 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

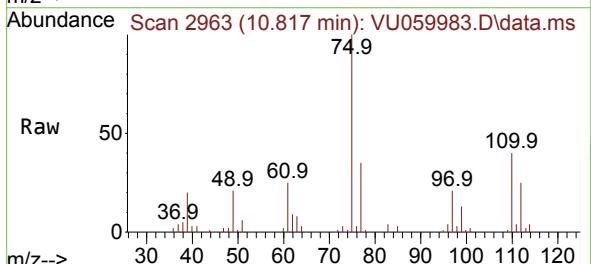
Instrument :
MSVOA_U
ClientSampleId :



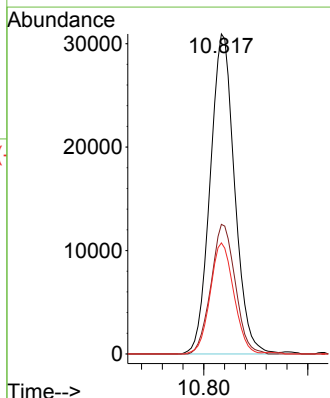
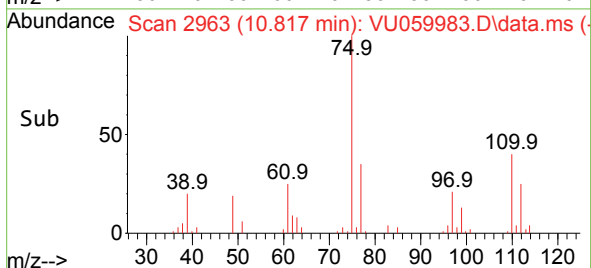
Tgt Ion:105 Resp: 338098
Ion Ratio Lower Upper
105 100
120 27.2 20.6 31.0
77 15.3 12.8 19.2

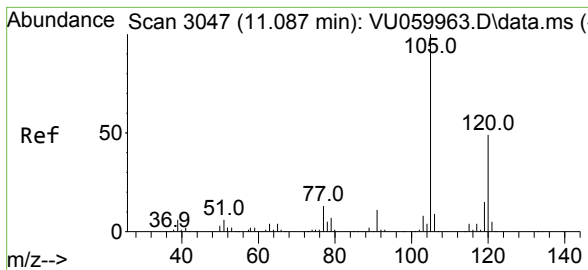


#61
1,2,3-Trichloropropane
Concen: 5.857 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46



Tgt Ion: 75 Resp: 50499
Ion Ratio Lower Upper
75 100
110 40.2 27.1 40.7
77 33.6 25.4 38.2

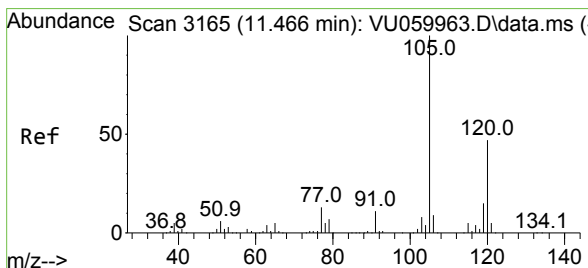
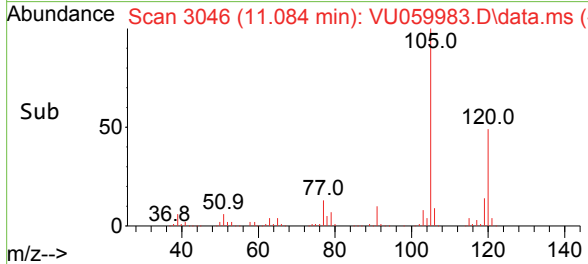
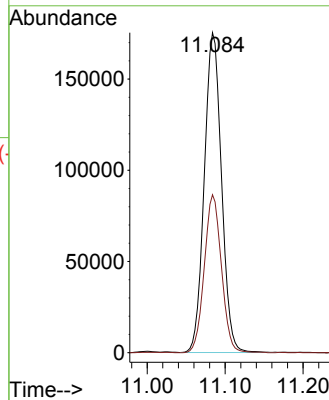
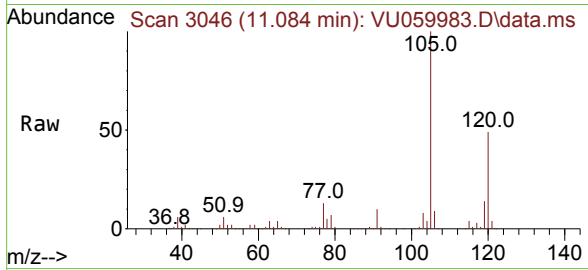




#62
1,3,5-Trimethylbenzene
Concen: 5.888 ug/L
RT: 11.084 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

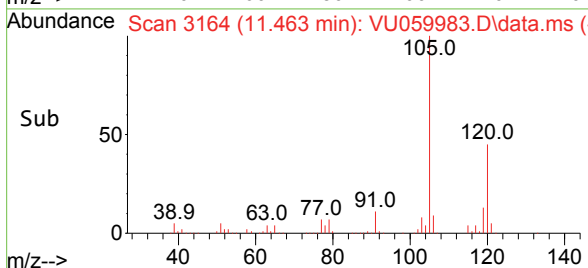
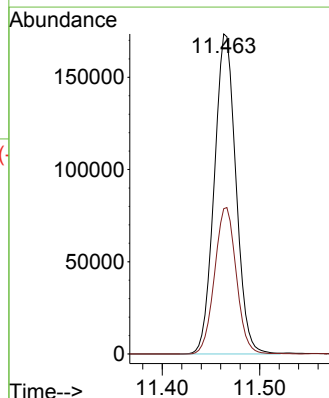
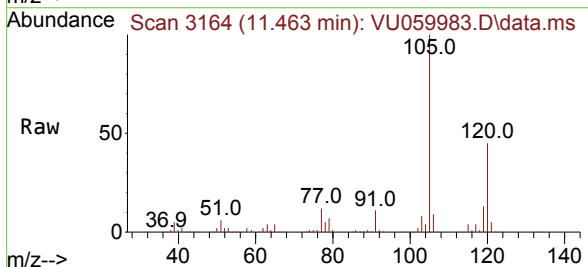
Instrument :
MSVOA_U
ClientSampleId :

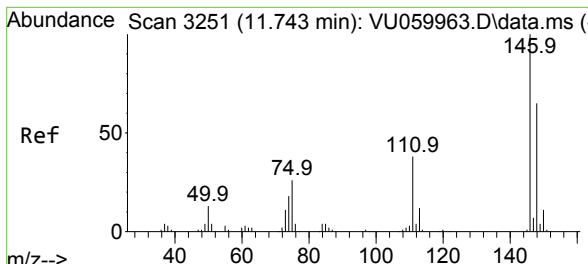
Tgt Ion:105 Resp: 268845
Ion Ratio Lower Upper
105 100
120 49.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 6.137 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion:105 Resp: 267915
Ion Ratio Lower Upper
105 100
120 45.9 35.4 53.0

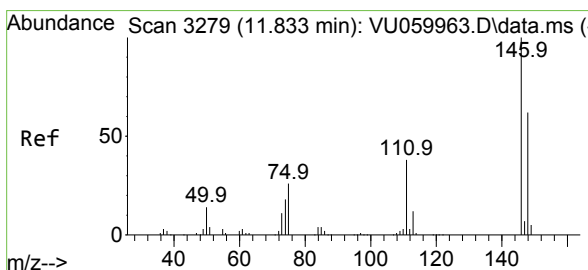
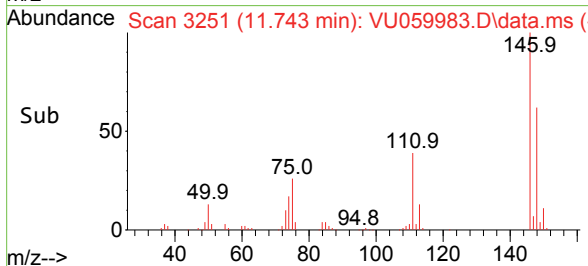
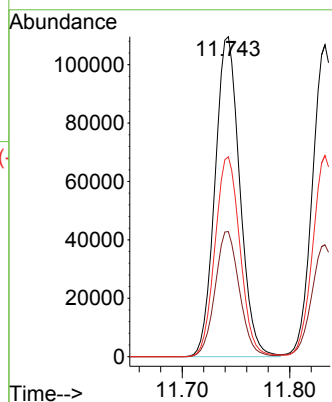
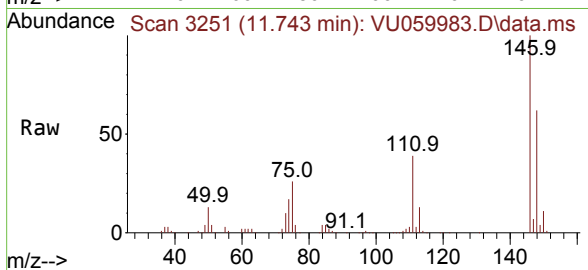




#64
 1,3-Dichlorobenzene
 Concen: 5.988 ug/L
 RT: 11.743 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU059983.D
 Acq: 16 Jul 2024 18:46

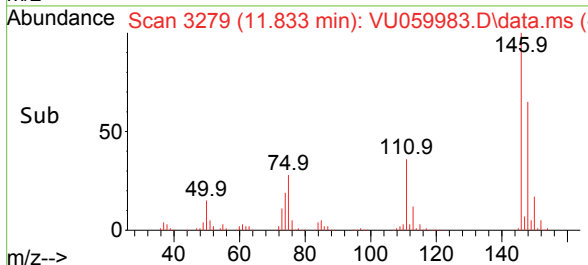
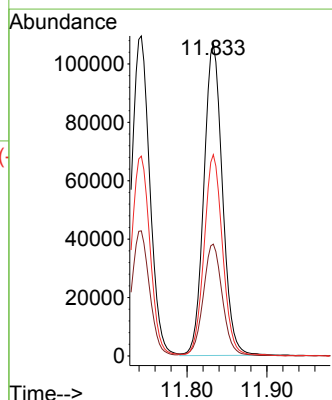
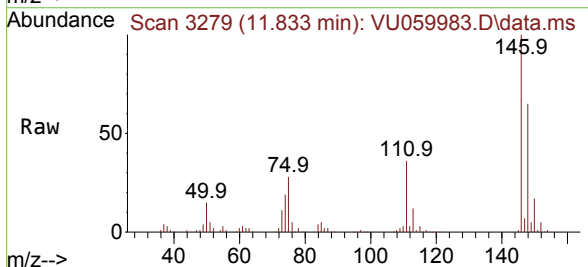
Instrument :
 MSVOA_U
 ClientSampleId :

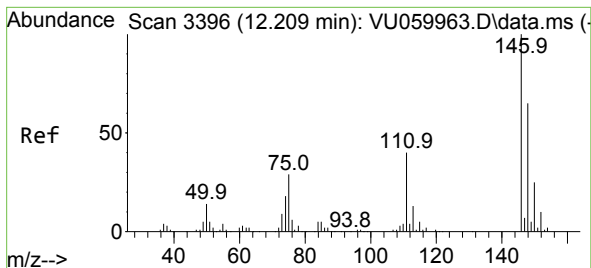
Tgt Ion:146 Resp: 175542
 Ion Ratio Lower Upper
 146 100
 111 39.1 27.4 51.0
 148 62.5 45.0 83.6



#65
 1,4-Dichlorobenzene
 Concen: 5.731 ug/L
 RT: 11.833 min Scan# 3279
 Delta R.T. -0.000 min
 Lab File: VU059983.D
 Acq: 16 Jul 2024 18:46

Tgt Ion:146 Resp: 172911
 Ion Ratio Lower Upper
 146 100
 111 35.8 26.9 50.1
 148 64.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.970 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

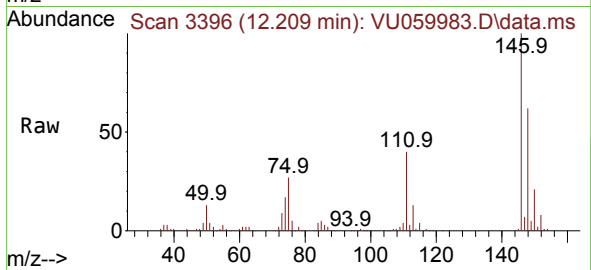
Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

Instrument :

MSVOA_U

ClientSampleId :



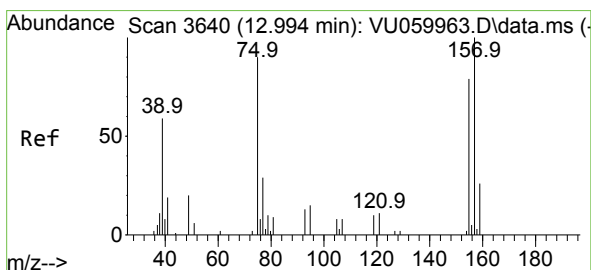
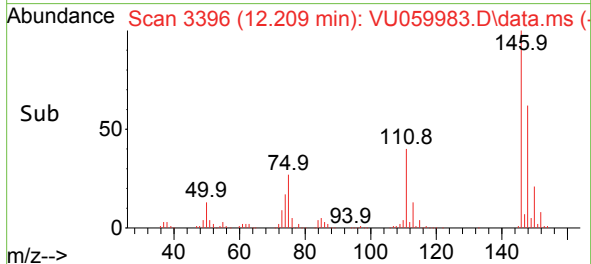
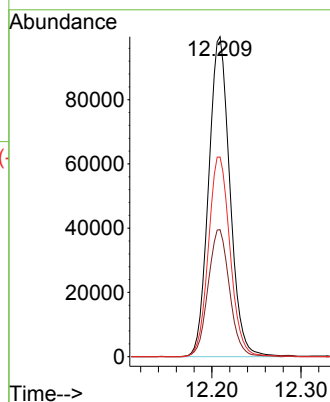
Tgt Ion:146 Resp: 164697

Ion Ratio Lower Upper

146 100

111 39.7 33.4 50.0

148 62.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.595 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU059983.D

Acq: 16 Jul 2024 18:46

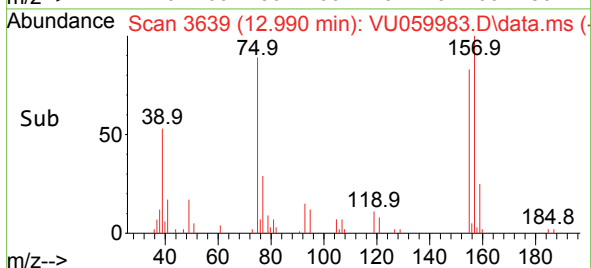
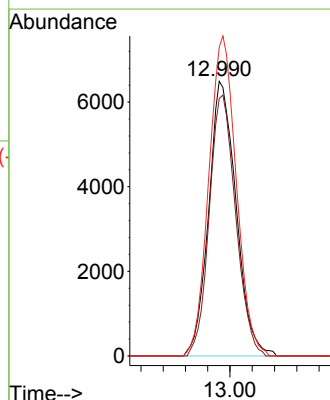
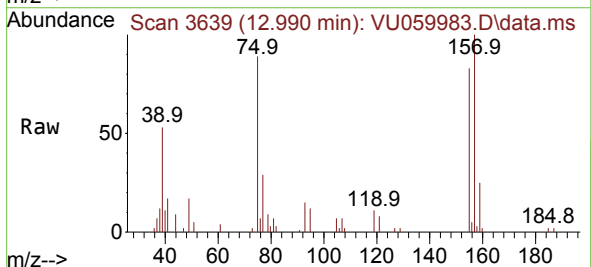
Tgt Ion: 75 Resp: 11091

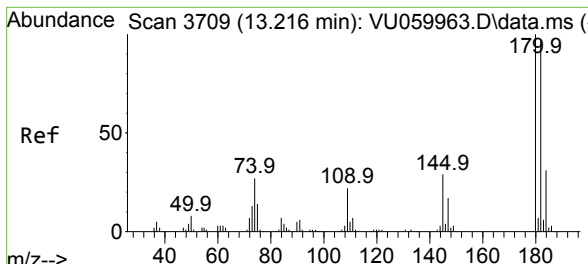
Ion Ratio Lower Upper

75 100

155 93.7 58.2 87.2#

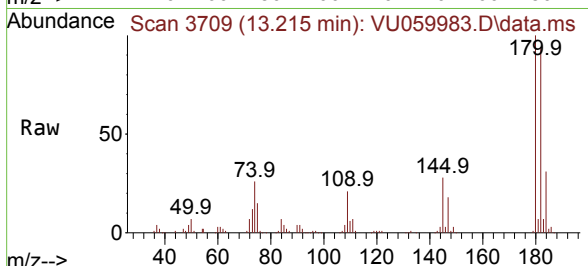
157 112.5 80.0 120.0





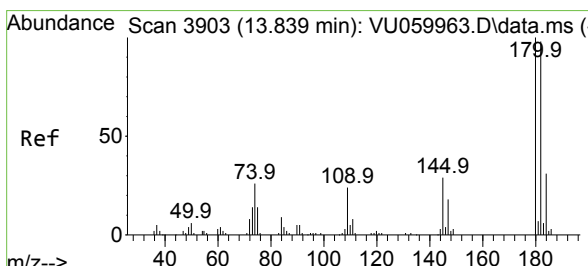
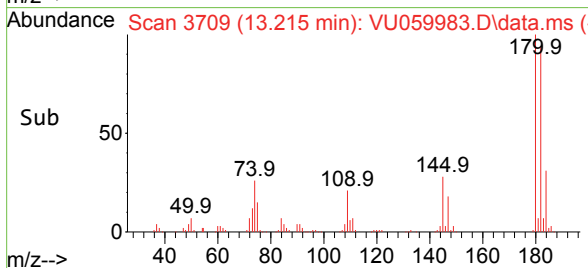
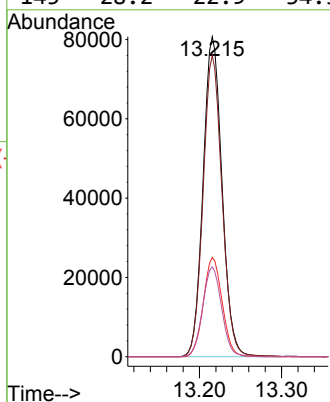
#69
 1,3,5-Trichlorobenzene
 Concen: 5.948 ug/L
 RT: 13.215 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU059983.D
 Acq: 16 Jul 2024 18:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 129071

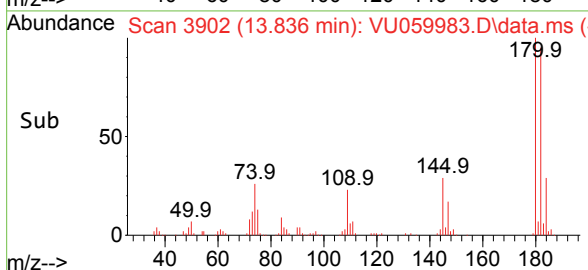
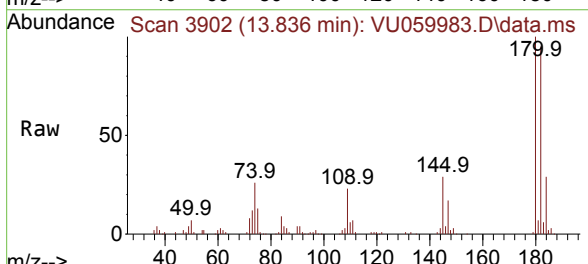
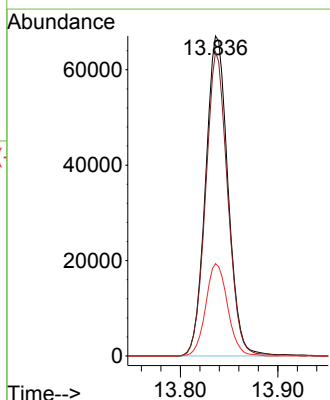
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.0
184	30.7	23.0	34.6
145	28.2	22.9	34.3

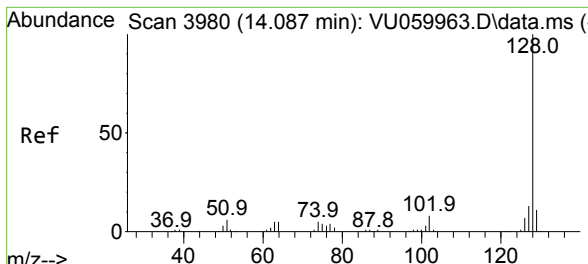


#70
 1,2,4-trichlorobenzene
 Concen: 6.436 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU059983.D
 Acq: 16 Jul 2024 18:46

Tgt Ion:180 Resp: 107128

Ion	Ratio	Lower	Upper
180	100		
182	93.2	74.9	112.3
145	28.2	23.9	35.9

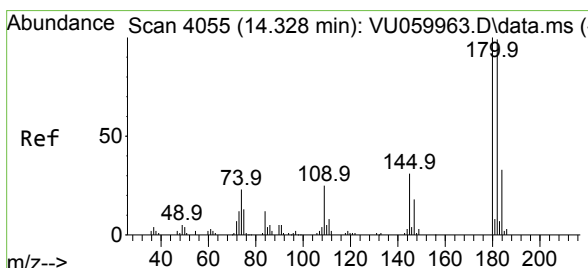
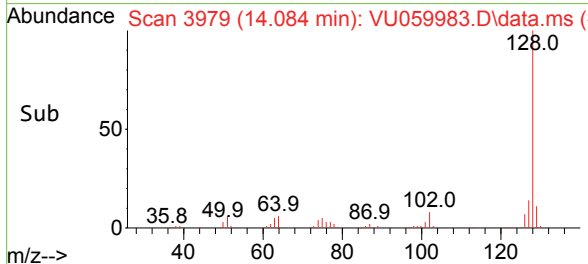
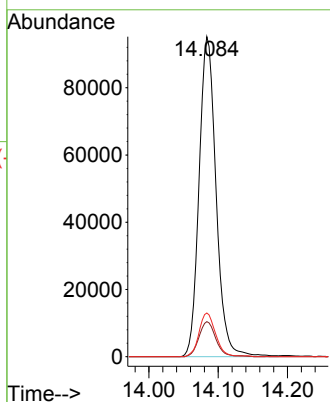
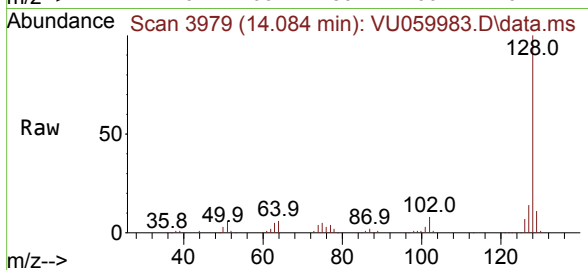




#71
Naphthalene
Concen: 6.810 ug/L
RT: 14.084 min Scan# 3980
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 162256
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 6.325 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VU059983.D
Acq: 16 Jul 2024 18:46

Tgt Ion:180 Resp: 97759
Ion Ratio Lower Upper
180 100
182 98.6 77.0 115.6
145 30.6 26.2 39.4

