

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
 Data File : VU059455.D
 Acq On : 24 Jun 2024 17:13
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 25 03:17:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	252256	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241306	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127001	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	77854	51.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.100%
7) Chloroethane-d5	1.895	69	62058	47.966	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.940%
11) 1,1-Dichloroethene-d2	2.560	63	137027	45.963	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
21) 2-Butanone-d5	4.612	46	115393	81.056	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.060%
24) Chloroform-d	5.052	84	140001	46.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	5.692	65	85251	46.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.520%
32) Benzene-d6	5.718	84	287232	51.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.720%
36) 1,2-Dichloropropane-d6	6.682	67	89712	46.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.960%
41) Toluene-d8	7.891	98	263749	56.098	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.200%
43) trans-1,3-Dichloroprop...	8.174	79	39258	50.859	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.720%
47) 2-Hexanone-d5	8.624	63	79115	89.592	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.590%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	139620	43.201	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	101517	53.563	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	99111	38.777	ug/L	99
3) Chloromethane	1.515	50	108460	36.717	ug/L	100
5) Vinyl chloride	1.599	62	123693	42.614	ug/L	98
6) Bromomethane	1.830	94	77978	33.580	ug/L	95
8) Chloroethane	1.917	64	74129	40.954	ug/L	99
9) Trichlorofluoromethane	2.126	101	147736	43.739	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	90790	46.199	ug/L	90
12) 1,1-Dichloroethene	2.570	96	87510	49.096	ug/L	83
13) Acetone	2.615	43	98004	58.568	ug/L	97
14) Carbon disulfide	2.782	76	237491	39.562	ug/L	100
15) Methyl Acetate	2.936	43	111195	41.951	ug/L	95
16) Methylene chloride	3.033	84	105497	43.743	ug/L	88
17) trans-1,2-Dichloroethene	3.342	96	91068	47.337	ug/L	92
18) Methyl tert-butyl Ether	3.351	73	293785	47.012	ug/L	96
19) 1,1-Dichloroethane	3.856	63	177846	43.128	ug/L	98
20) cis-1,2-Dichloroethene	4.657	96	107072	48.841	ug/L	88
22) 2-Butanone	4.689	43	159268	78.617	ug/L	93
23) Bromochloromethane	4.962	128	56659	51.023	ug/L	83
25) Chloroform	5.078	83	186143	46.618	ug/L	97

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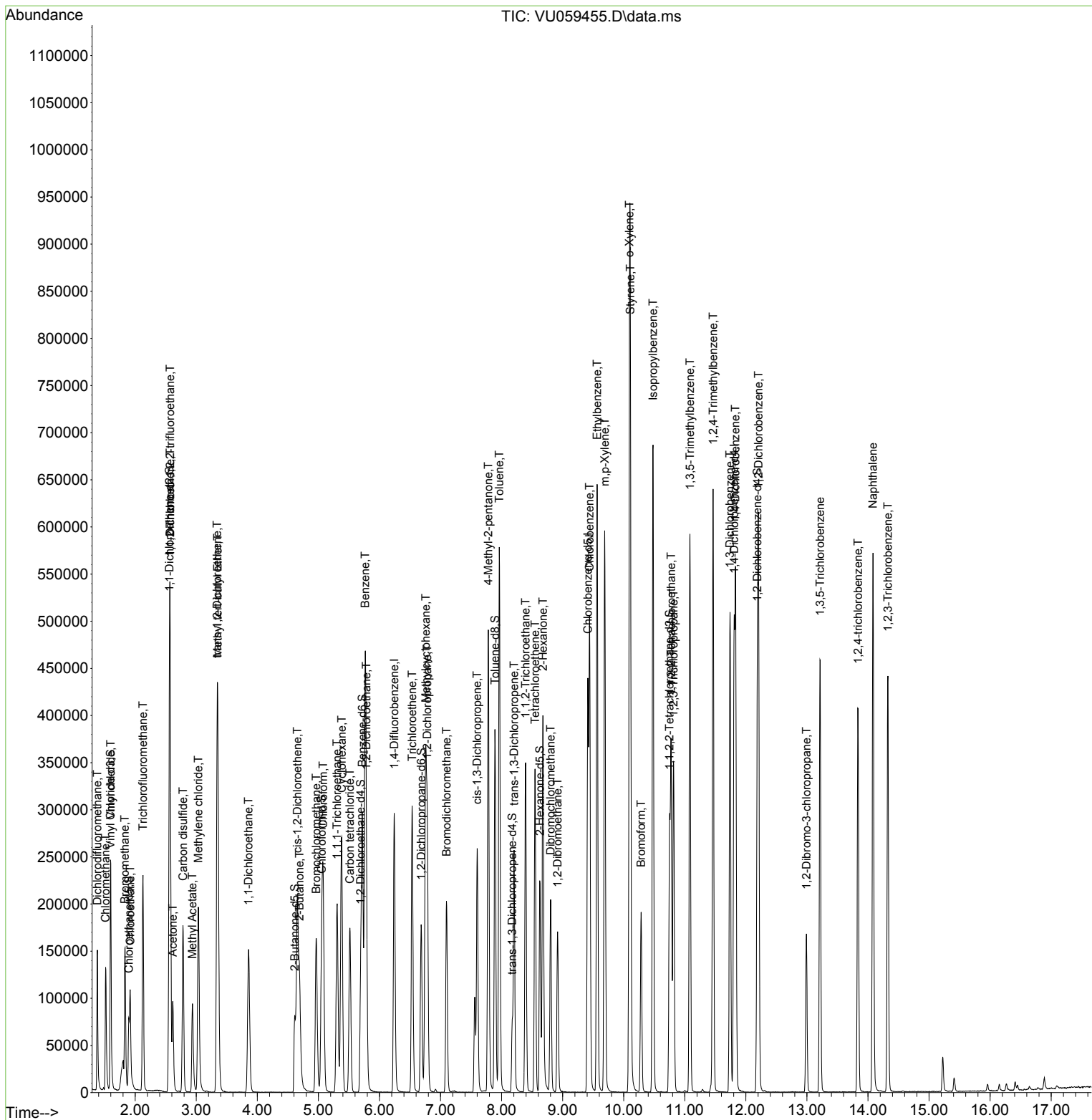
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 MSVOA_U
 ClientSampleId :

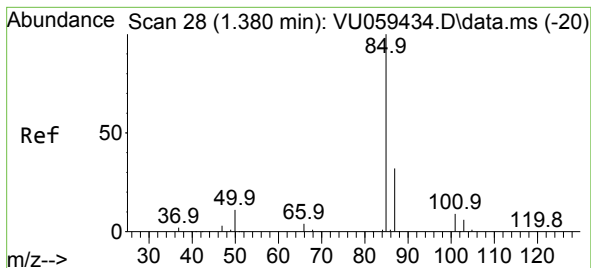
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 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	140418	41.628	ug/L	99
29) Cyclohexane	5.380	56	139223	43.216	ug/L	94
30) 1,1,1-Trichloroethane	5.306	97	147460	47.000	ug/L	97
31) Carbon tetrachloride	5.515	117	120666	47.349	ug/L	100
33) Benzene	5.766	78	404902	46.469	ug/L	100
34) Trichloroethene	6.534	95	106195	49.774	ug/L	91
35) Methylcyclohexane	6.756	83	145331	46.328	ug/L	93
37) 1,2-Dichloropropane	6.782	63	110850	44.802	ug/L	98
38) Bromodichloromethane	7.097	83	135062	46.862	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	159743	46.662	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	293802	90.575	ug/L #	94
42) Toluene	7.962	91	438609	50.148	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	145948	47.092	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	110816	49.814	ug/L	98
46) Tetrachloroethene	8.547	164	77577	54.588	ug/L	93
48) 2-Hexanone	8.676	43	232749	85.077	ug/L #	94
49) Dibromochloromethane	8.801	129	106694	53.070	ug/L	98
50) 1,2-Dibromoethane	8.917	107	115893	50.503	ug/L #	97
51) Chlorobenzene	9.441	112	272346	51.592	ug/L	95
52) Ethylbenzene	9.563	91	453846	50.333	ug/L	97
53) m,p-Xylene	9.689	106	175259	52.885	ug/L	95
54) o-Xylene	10.094	106	172766	53.793	ug/L	95
55) Styrene	10.110	104	299319	54.829	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	190261	46.949	ug/L	98
59) Bromoform	10.283	173	87314	52.435	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	151281	42.835	ug/L	98
61) Isopropylbenzene	10.480	105	449004	50.253	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	327758	50.629	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	357756	50.979	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	215554	51.618	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	217005	50.317	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	221601	50.772	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	43310	48.372	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.216	180	147845	53.608	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	131279	59.598	ug/L	96
71) Naphthalene	14.081	128	466819	66.954	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	140919	62.927	ug/L	99

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

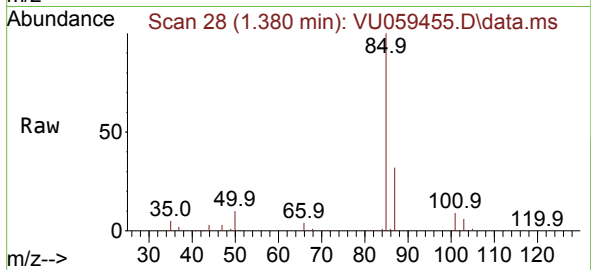
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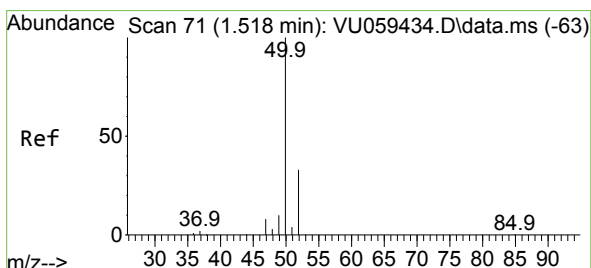
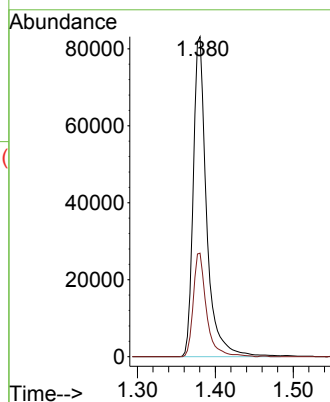
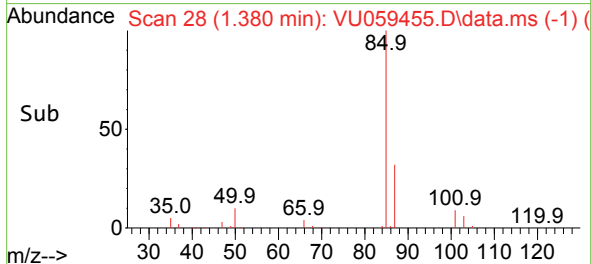


#2
 Dichlorodifluoromethane
 Concen: 38.777 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU059455.D
 Acq: 24 Jun 2024 17:13

Instrument :
 MSVOA_U
 ClientSampleId :

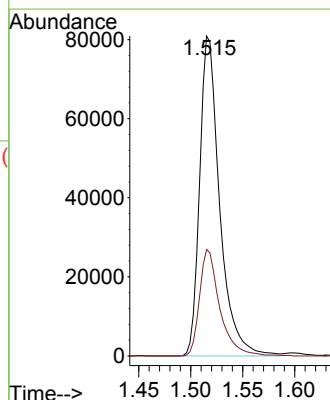
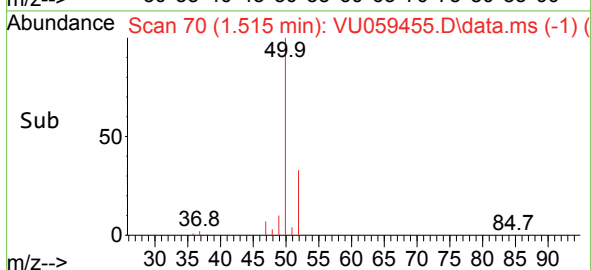
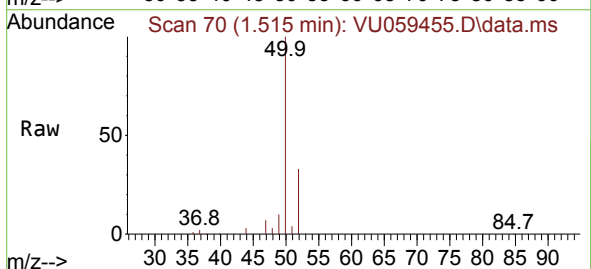


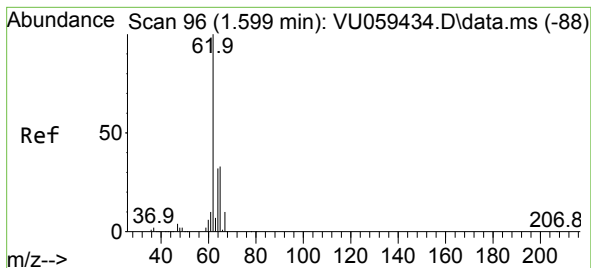
Tgt Ion: 85 Resp: 99111
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.4 38.2



#3
 Chloromethane
 Concen: 36.717 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU059455.D
 Acq: 24 Jun 2024 17:13

Tgt Ion: 50 Resp: 108460
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2





#5

Vinyl chloride

Concen: 42.614 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

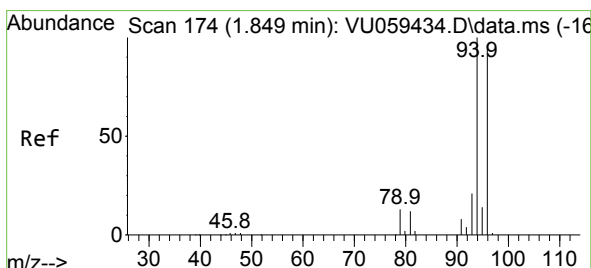
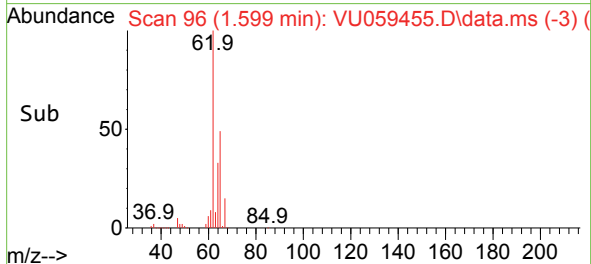
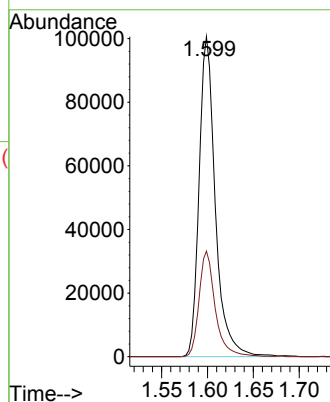
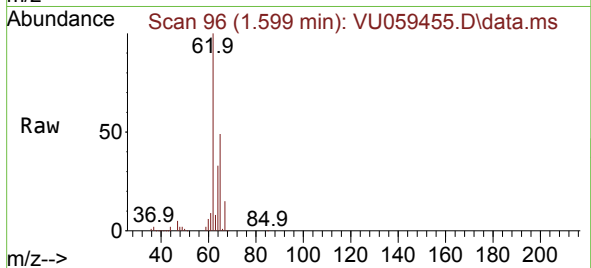
ClientSampleId :

Tgt Ion: 62 Resp: 123693

Ion Ratio Lower Upper

62 100

64 33.0 22.5 41.7



#6

Bromomethane

Concen: 33.580 ug/L

RT: 1.830 min Scan# 168

Delta R.T. -0.019 min

Lab File: VU059455.D

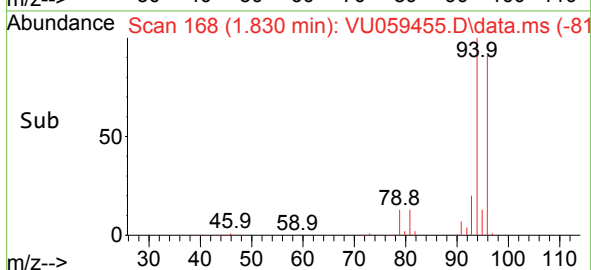
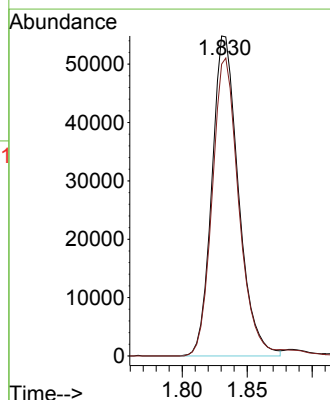
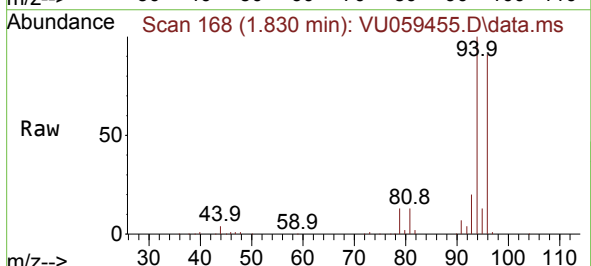
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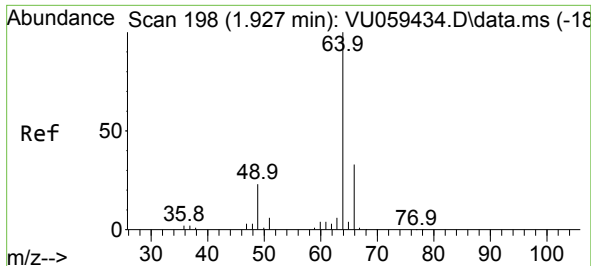
Tgt Ion: 94 Resp: 77978

Ion Ratio Lower Upper

94 100

96 91.2 67.1 124.7





#8

Chloroethane

Concen: 40.954 ug/L

RT: 1.917 min Scan# 19

Delta R.T. -0.010 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

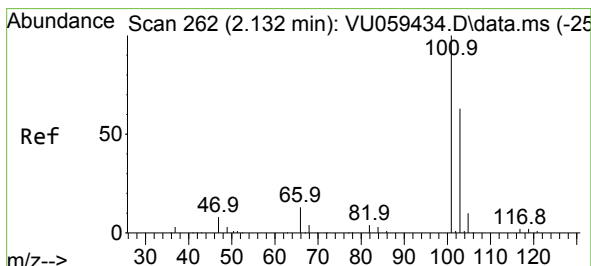
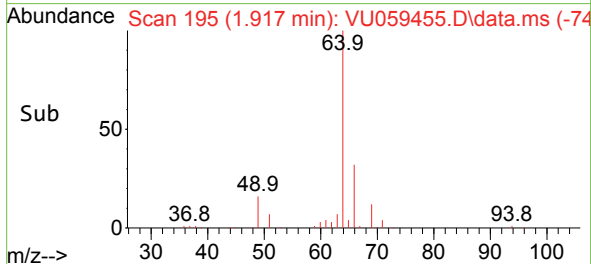
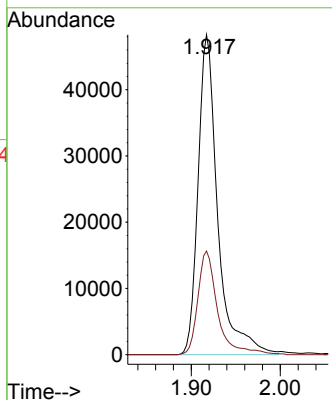
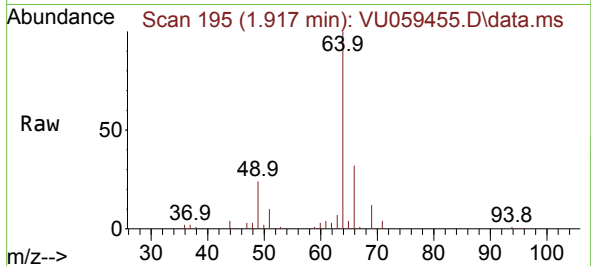
ClientSampleId :

Tgt Ion: 64 Resp: 74129

Ion Ratio Lower Upper

64 100

66 32.4 22.1 41.1



#9

Trichlorofluoromethane

Concen: 43.739 ug/L

RT: 2.126 min Scan# 260

Delta R.T. -0.006 min

Lab File: VU059455.D

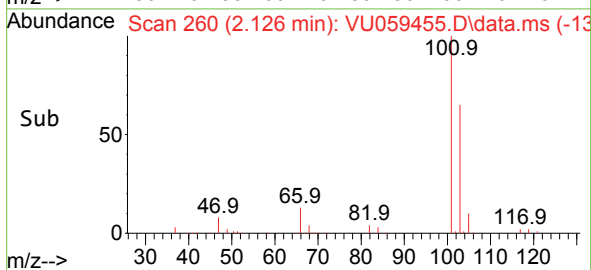
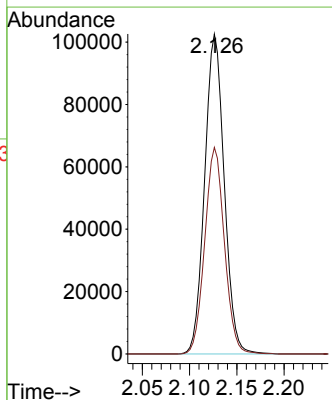
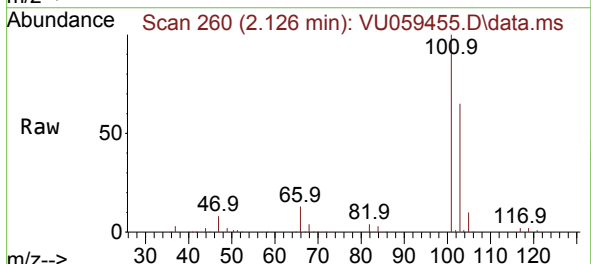
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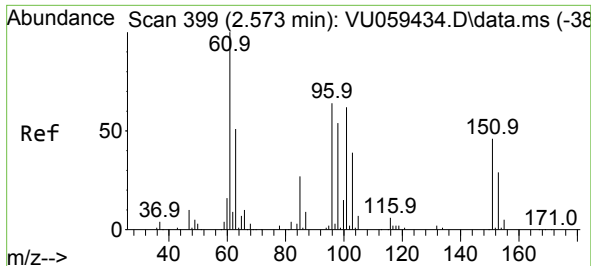
Tgt Ion:101 Resp: 147736

Ion Ratio Lower Upper

101 100

103 64.8 51.8 77.6

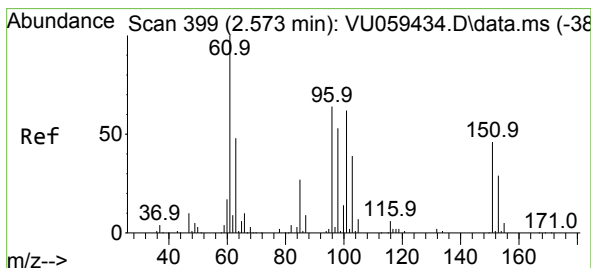
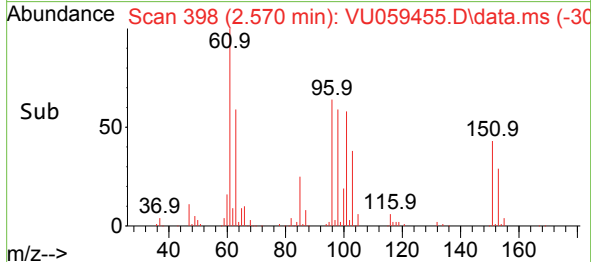
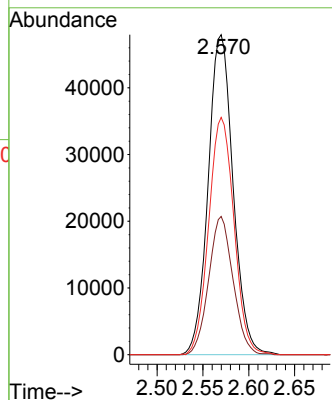
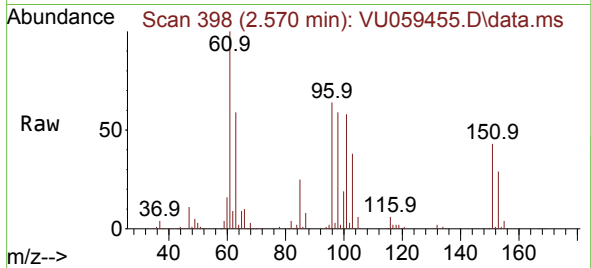




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.199 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

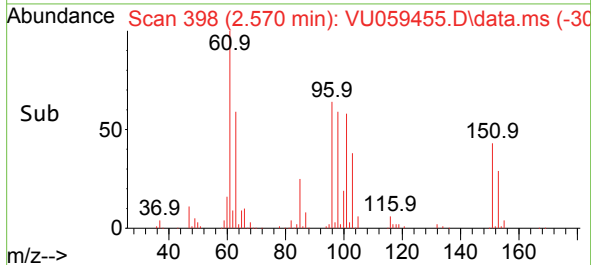
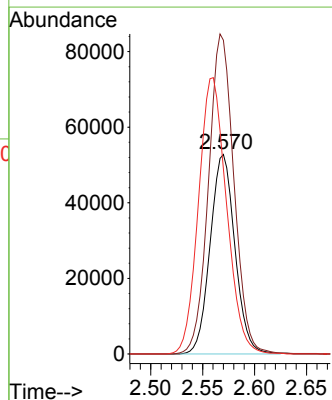
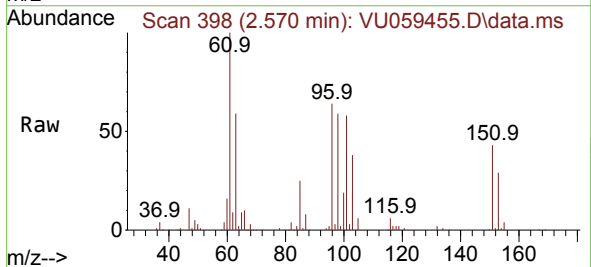
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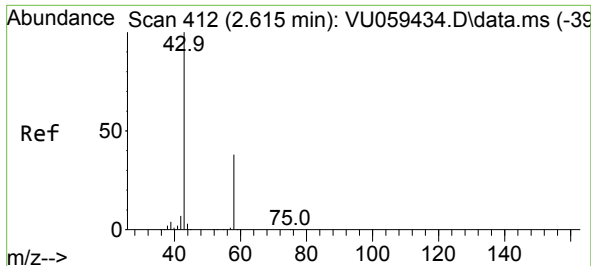
Tgt Ion:101 Resp: 90790
Ion Ratio Lower Upper
101 100
85 42.2 36.7 55.1
151 75.1 52.2 78.2



#12
1,1-Dichloroethene
Concen: 49.096 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 96 Resp: 87510
Ion Ratio Lower Upper
96 100
61 157.2 126.3 234.6
63 92.8 78.7 146.1





#13

Acetone

Concen: 58.568 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

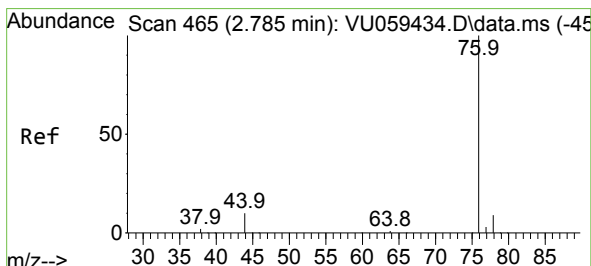
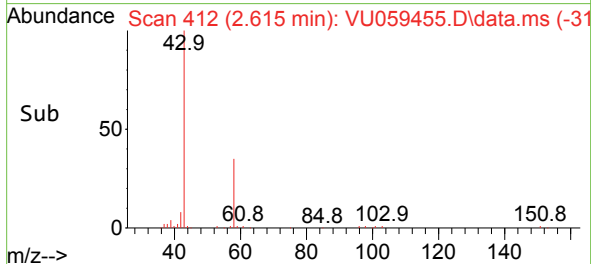
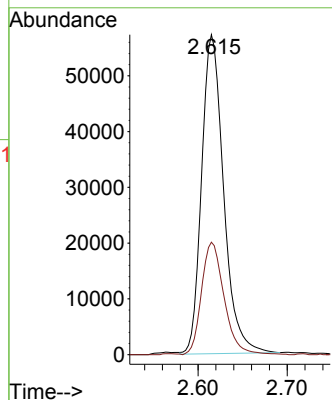
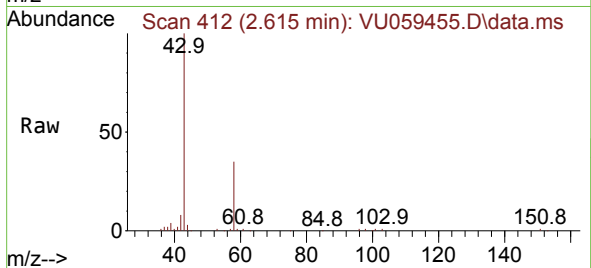
ClientSampleId :

Tgt Ion: 43 Resp: 98004

Ion Ratio Lower Upper

43 100

58 36.2 0.0 68.8



#14

Carbon disulfide

Concen: 39.562 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU059455.D

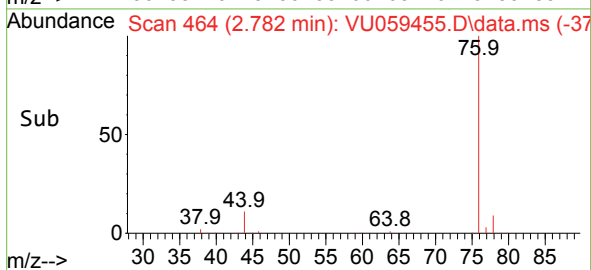
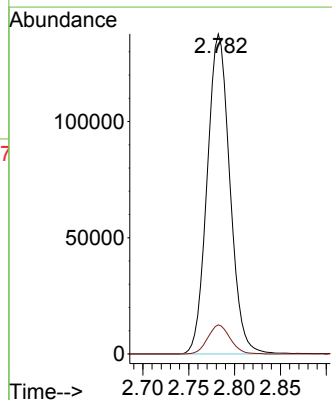
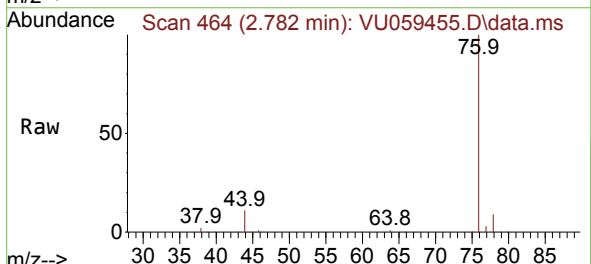
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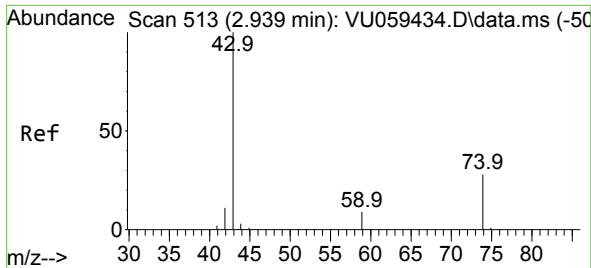
Tgt Ion: 76 Resp: 237491

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

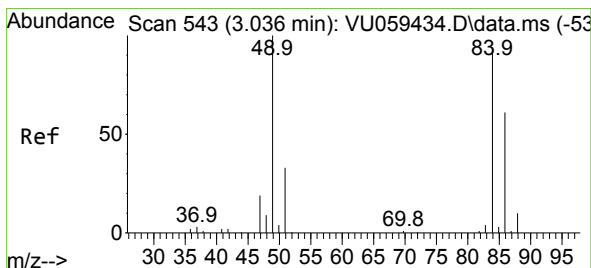
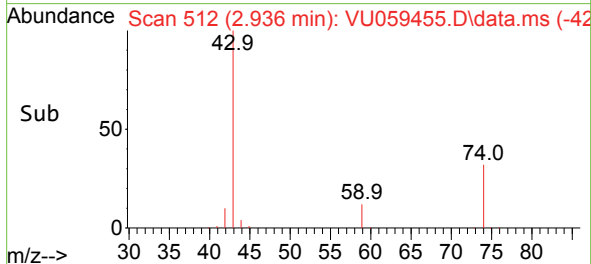
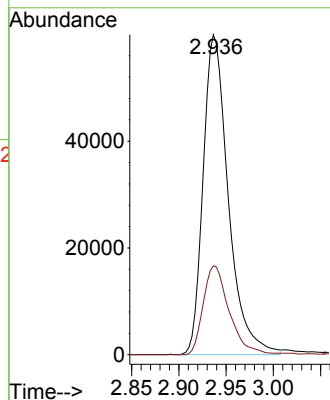
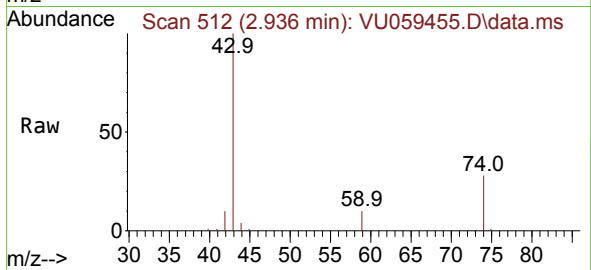




#15
Methyl Acetate
Concen: 41.951 ug/L
RT: 2.936 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

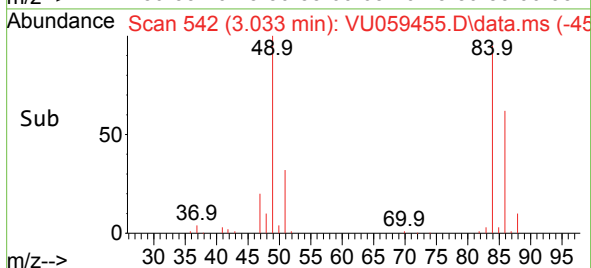
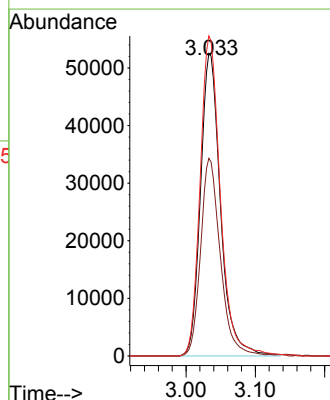
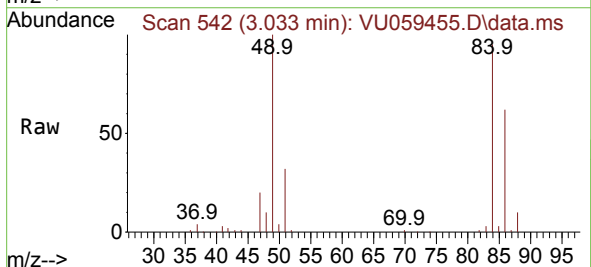
Instrument :
MSVOA_U
ClientSampleId :

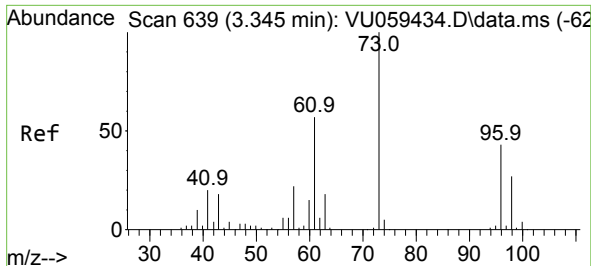
Tgt Ion: 43 Resp: 111195
Ion Ratio Lower Upper
43 100
74 28.6 20.8 31.2



#16
Methylene chloride
Concen: 43.743 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 84 Resp: 105497
Ion Ratio Lower Upper
84 100
86 65.3 44.9 83.3
49 105.8 87.5 162.5

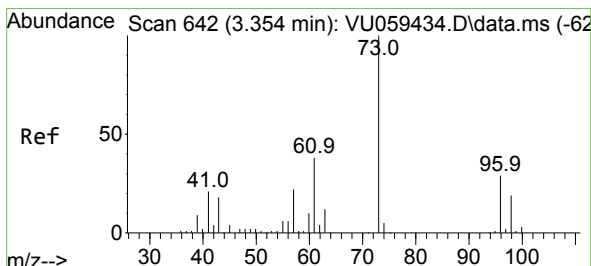
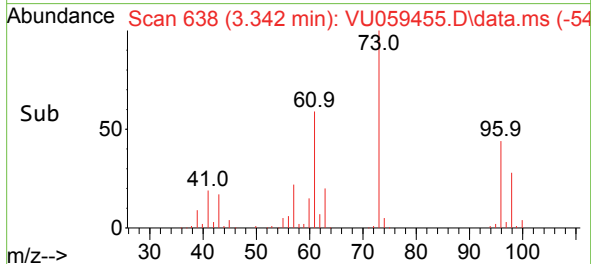
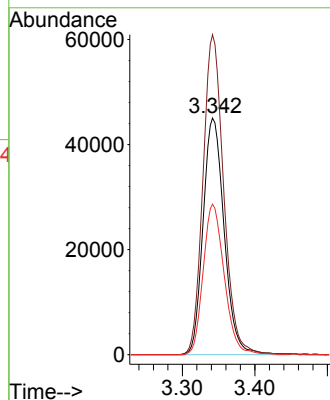
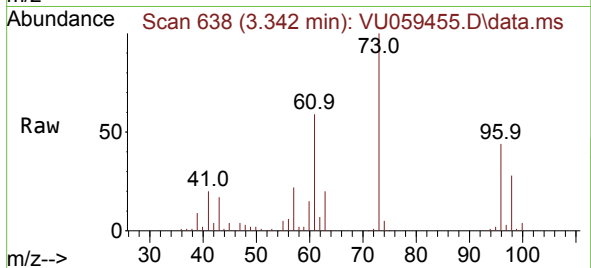




#17
trans-1,2-Dichloroethene
Concen: 47.337 ug/L
RT: 3.342 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

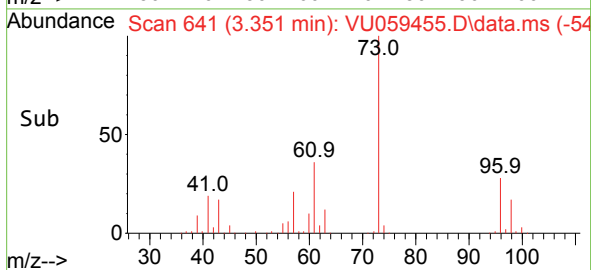
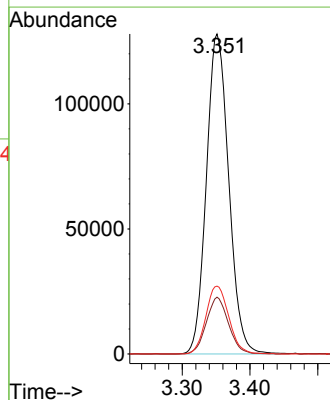
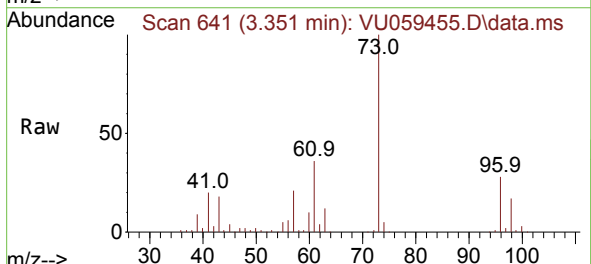
Instrument :
MSVOA_U
ClientSampleId :

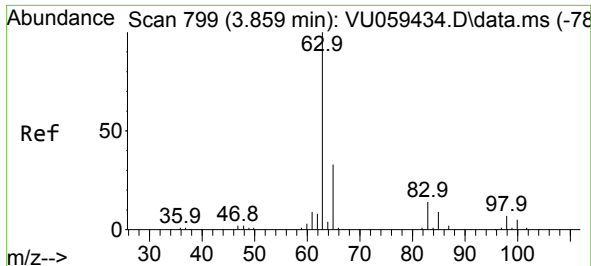
Tgt Ion: 96 Resp: 91068
Ion Ratio Lower Upper
96 100
61 135.3 103.5 192.3
98 63.6 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 47.012 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 73 Resp: 293785
Ion Ratio Lower Upper
73 100
43 17.5 15.6 23.4
57 21.7 18.6 28.0





#19

1,1-Dichloroethane

Concen: 43.128 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

ClientSampleId :

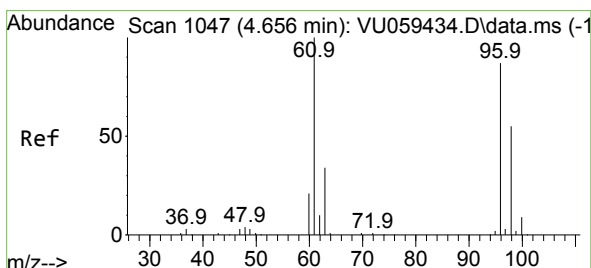
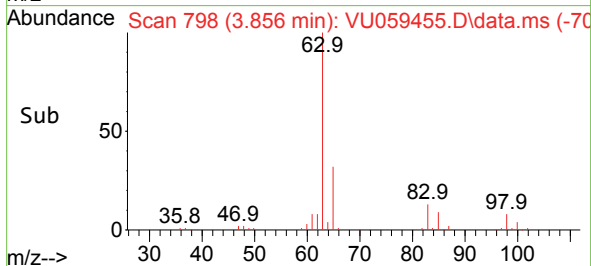
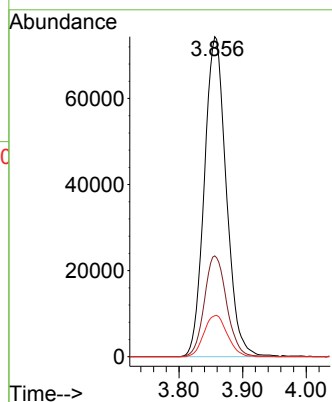
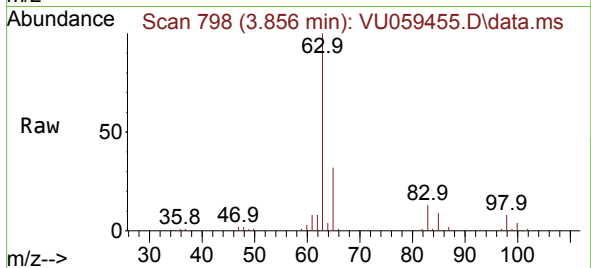
Tgt Ion: 63 Resp: 177846

Ion Ratio Lower Upper

63 100

65 31.5 21.3 39.5

83 12.8 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 48.841 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

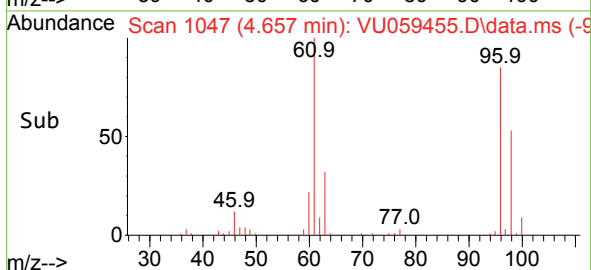
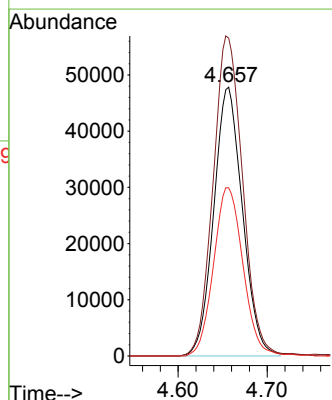
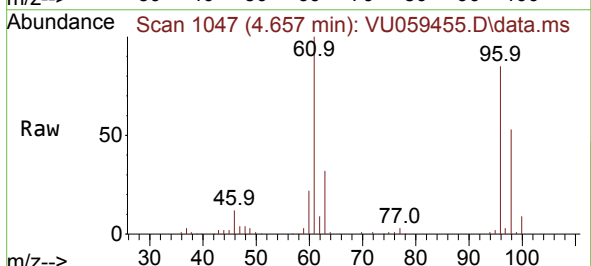
Tgt Ion: 96 Resp: 107072

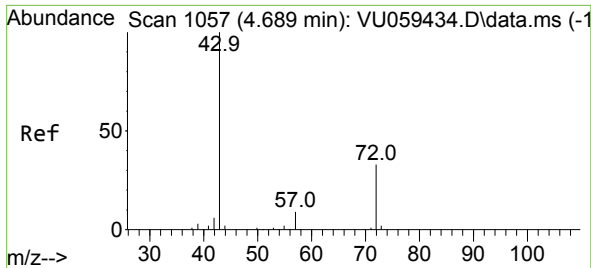
Ion Ratio Lower Upper

96 100

61 118.3 96.2 178.6

98 62.6 45.6 84.6

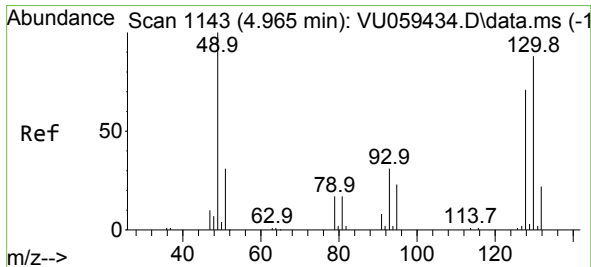
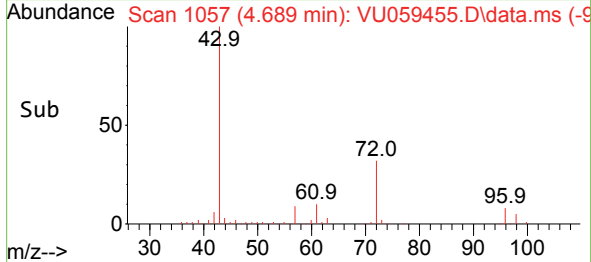
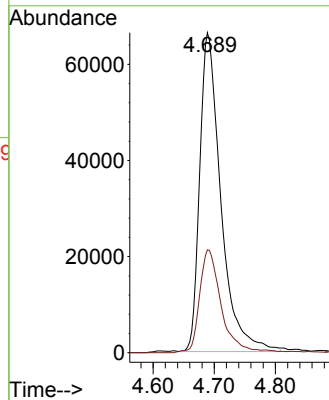
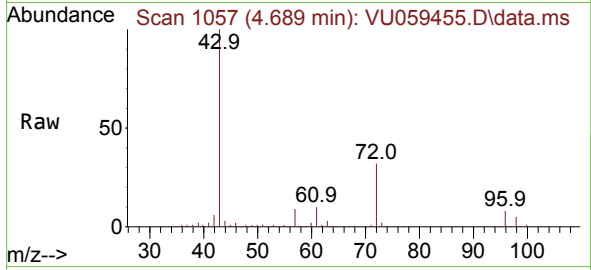




#22
2-Butanone
Concen: 78.617 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

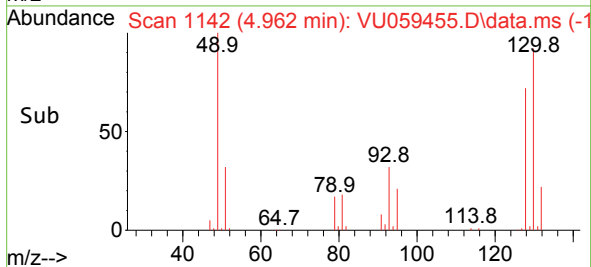
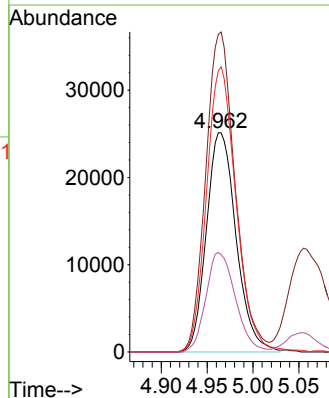
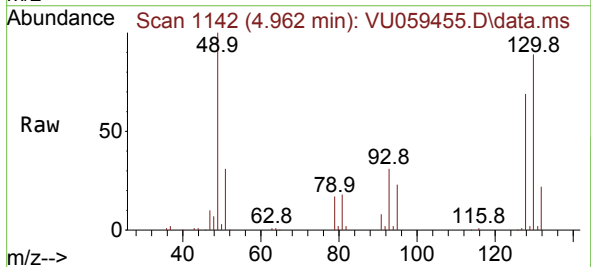
Instrument :
MSVOA_U
ClientSampleId :

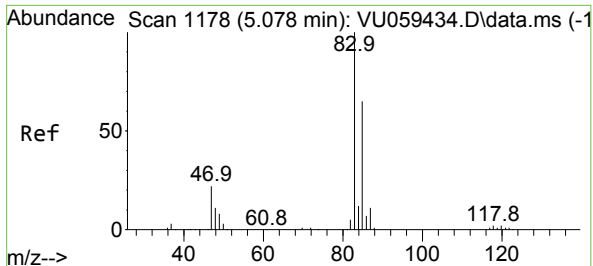
Tgt Ion: 43 Resp: 159268
Ion Ratio Lower Upper
43 100
72 32.3 14.2 42.8



#23
Bromochloromethane
Concen: 51.023 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion:128 Resp: 56659
Ion Ratio Lower Upper
128 100
49 144.9 128.4 238.4
130 128.4 86.9 161.3
51 45.4 44.7 67.1





#25

Chloroform

Concen: 46.618 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

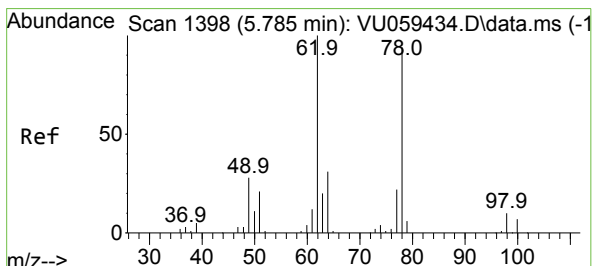
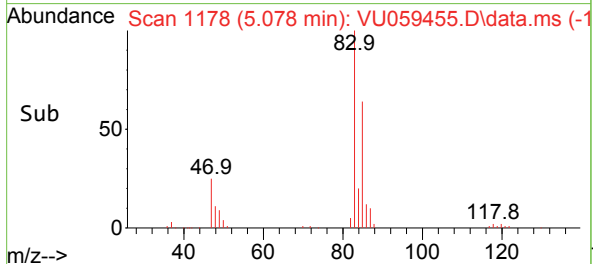
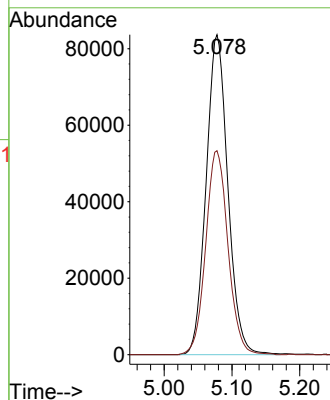
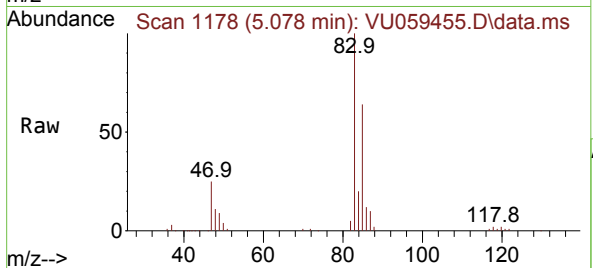
ClientSampleId :

Tgt Ion: 83 Resp: 186143

Ion Ratio Lower Upper

83 100

85 63.8 46.1 85.7



#27

1,2-Dichloroethane

Concen: 41.628 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU059455.D

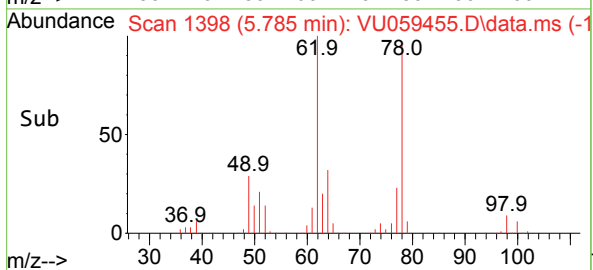
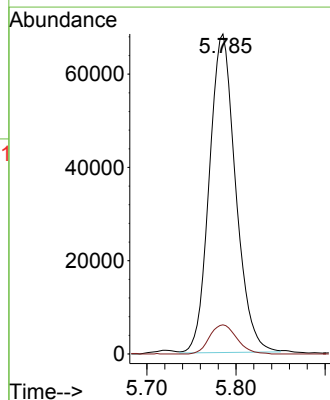
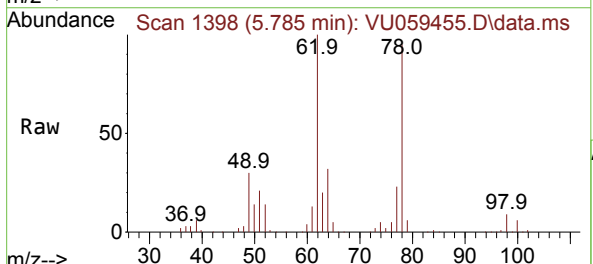
Acq: 24 Jun 2024 17:13

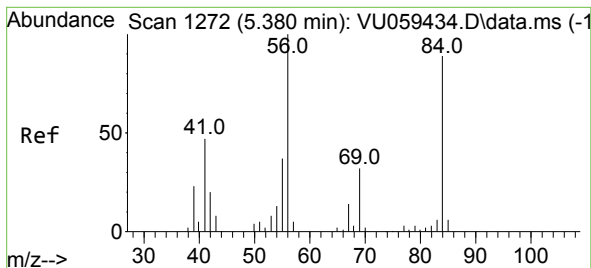
Tgt Ion: 62 Resp: 140418

Ion Ratio Lower Upper

62 100

98 9.1 6.9 10.3





#29

Cyclohexane

Concen: 43.216 ug/L

RT: 5.380 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

ClientSampleId :

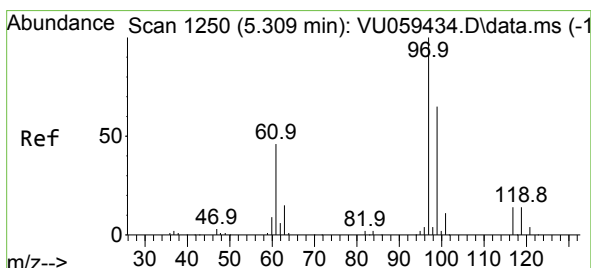
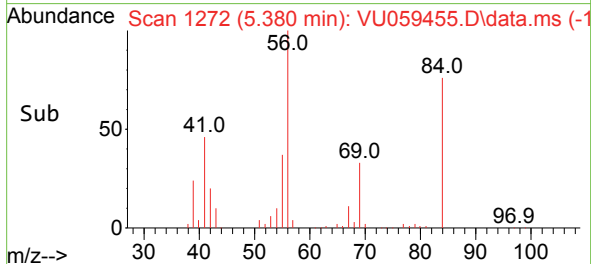
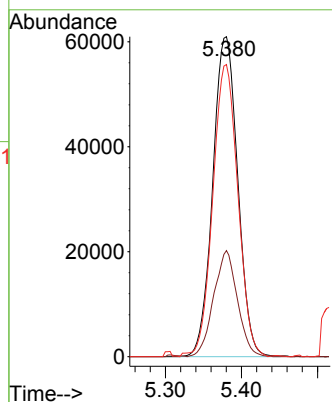
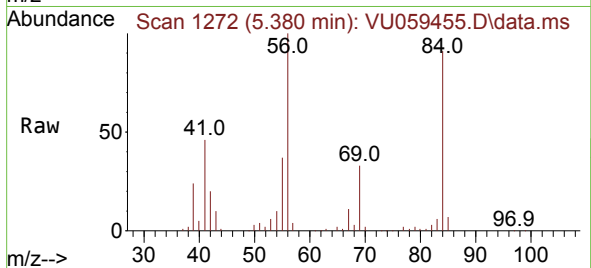
Tgt Ion: 56 Resp: 139223

Ion Ratio Lower Upper

56 100

69 31.6 24.6 37.0

84 91.3 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 47.000 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

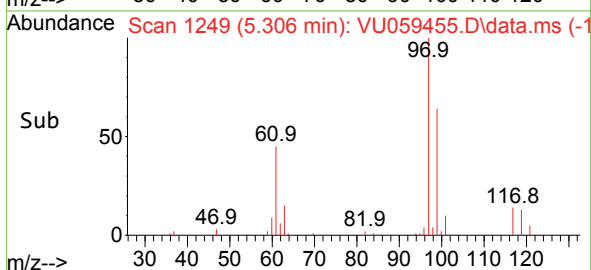
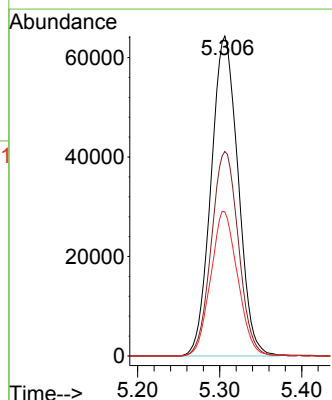
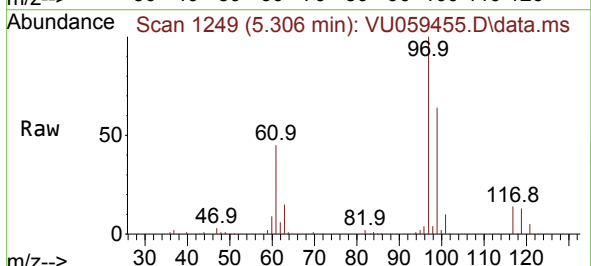
Tgt Ion: 97 Resp: 147460

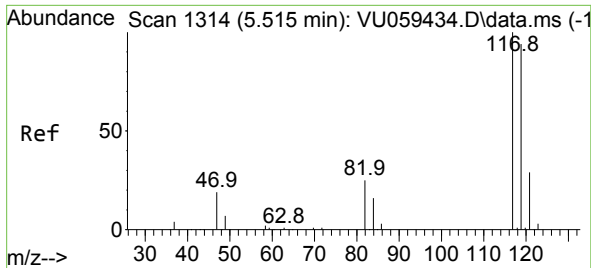
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 45.0 39.1 58.7

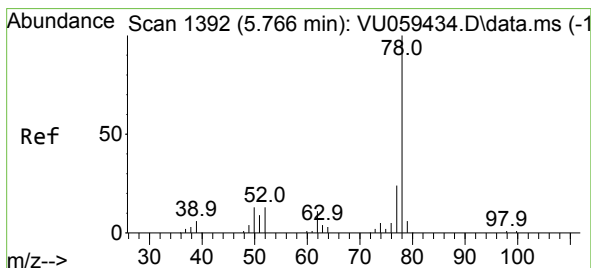
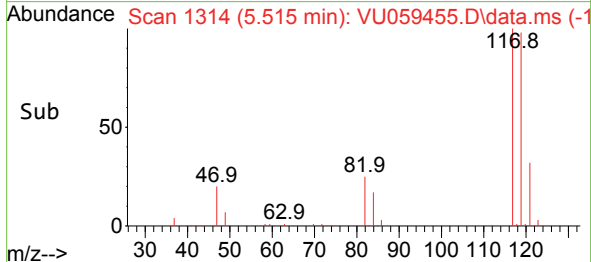
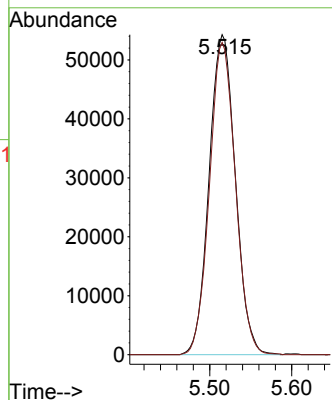
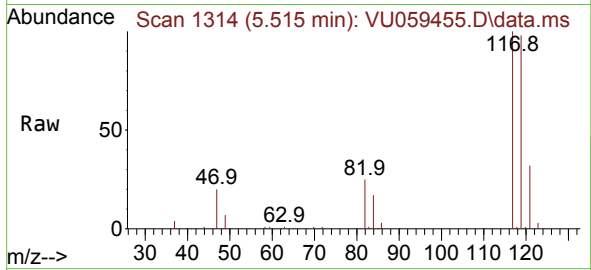




#31
Carbon tetrachloride
Concen: 47.349 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

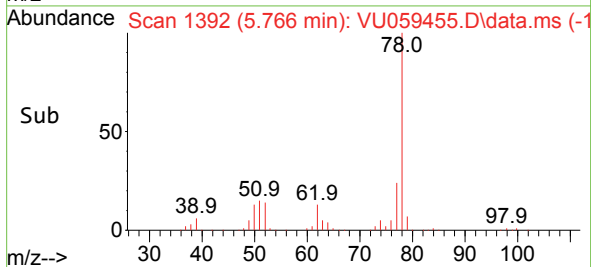
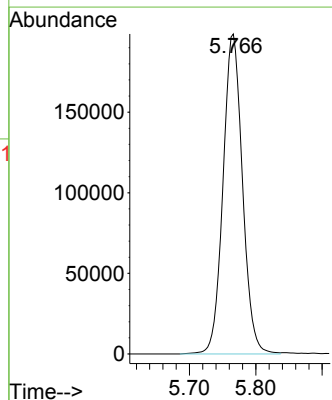
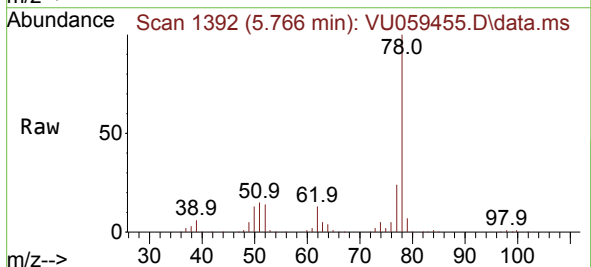
Instrument :
MSVOA_U
ClientSampleId :

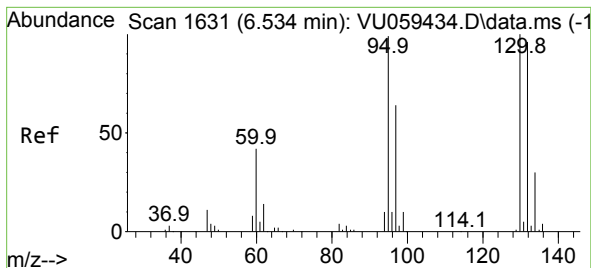
Tgt Ion:117 Resp: 120666
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 46.469 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 78 Resp: 404902





#34

Trichloroethene

Concen: 49.774 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 106195

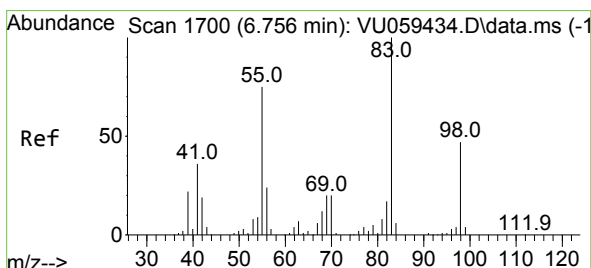
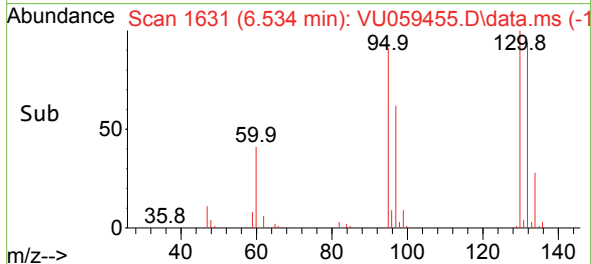
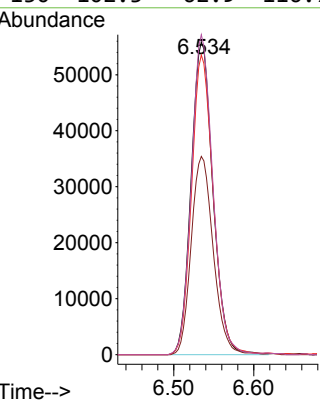
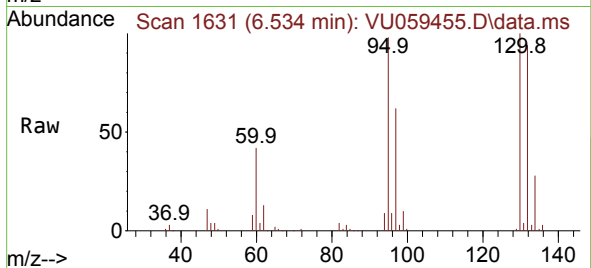
Ion Ratio Lower Upper

95 100

97 63.4 45.2 84.0

132 95.8 60.6 112.6

130 102.3 62.9 116.7



#35

Methylcyclohexane

Concen: 46.328 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

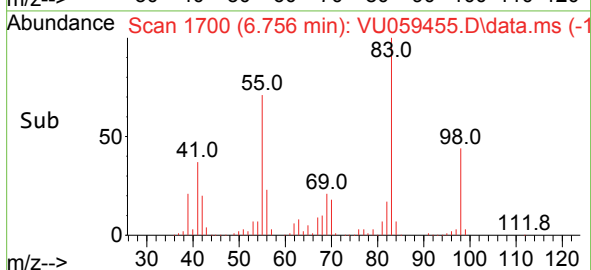
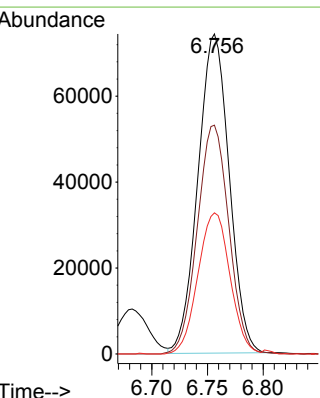
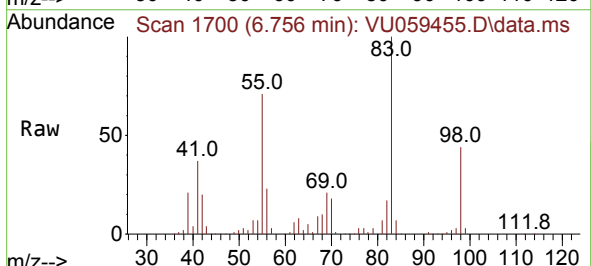
Tgt Ion: 83 Resp: 145331

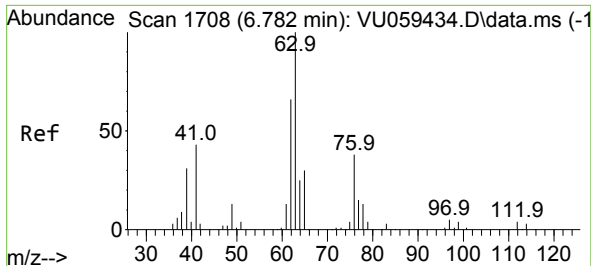
Ion Ratio Lower Upper

83 100

55 72.3 63.9 95.9

98 45.2 34.7 52.1





#37

1,2-Dichloropropane

Concen: 44.802 ug/L

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

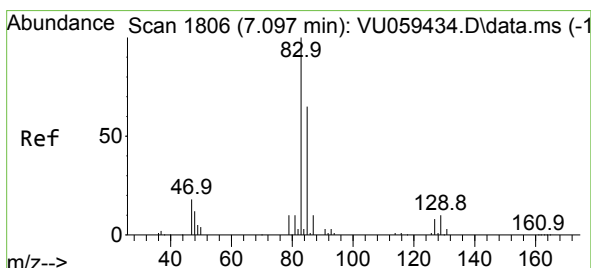
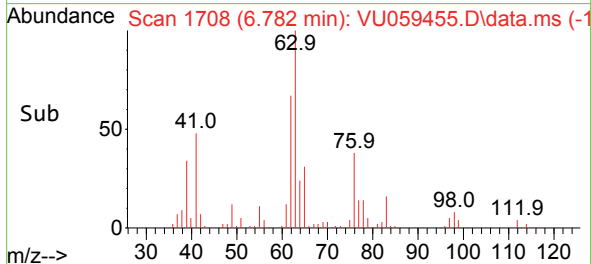
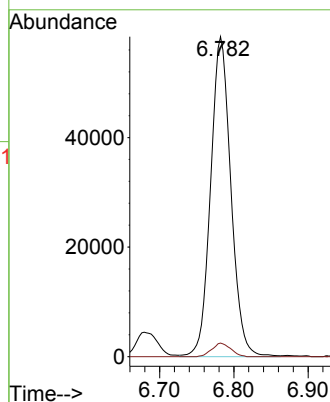
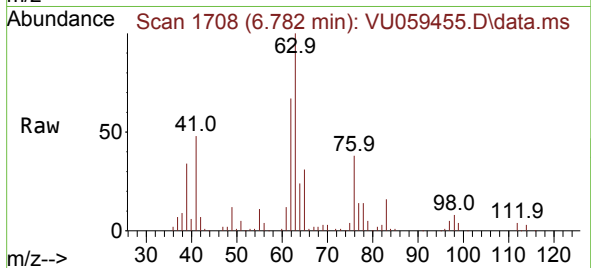
ClientSampleId :

Tgt Ion: 63 Resp: 110850

Ion Ratio Lower Upper

63 100

112 4.0 2.6 4.0



#38

Bromodichloromethane

Concen: 46.862 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

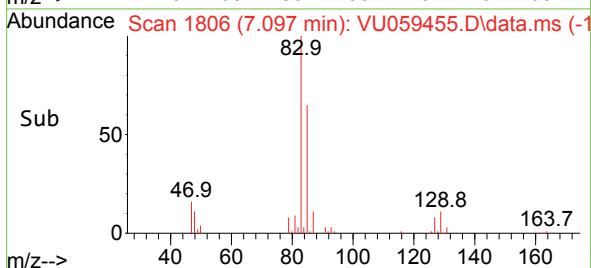
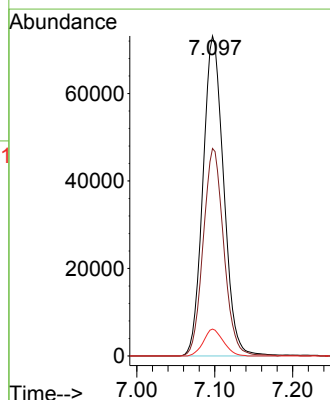
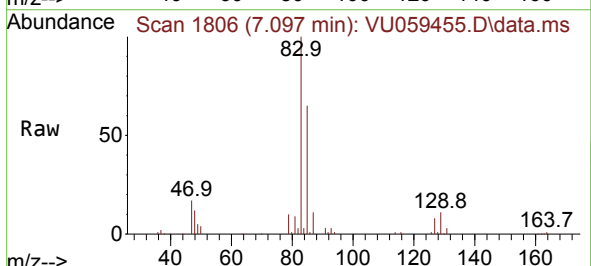
Tgt Ion: 83 Resp: 135062

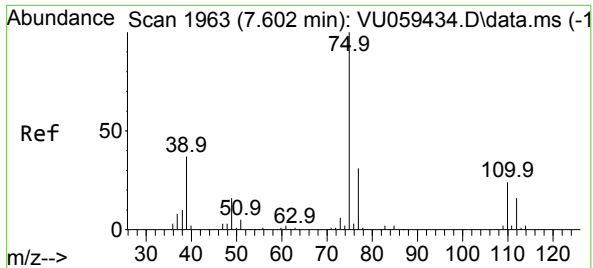
Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.6

127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 46.662 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

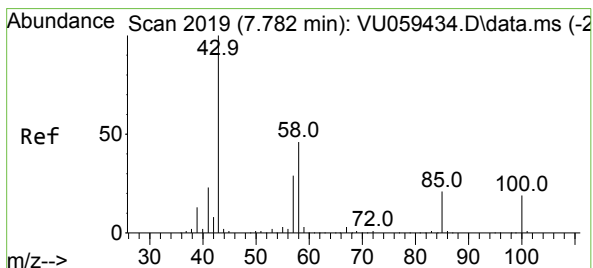
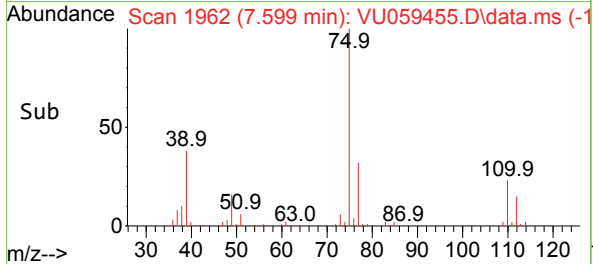
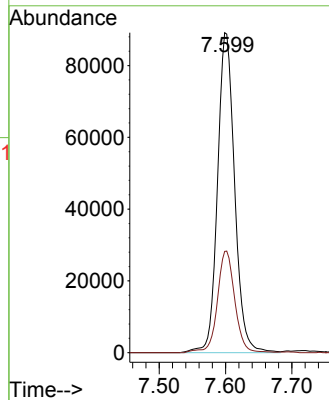
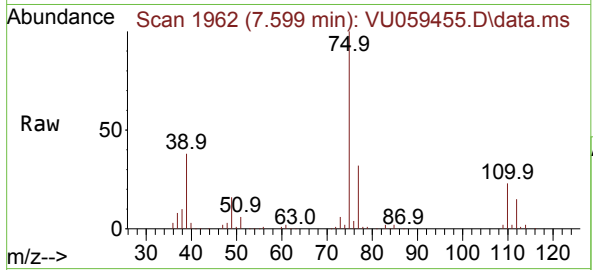
ClientSampleId :

Tgt Ion: 75 Resp: 159743

Ion Ratio Lower Upper

75 100

77 31.7 21.2 39.4



#40

4-Methyl-2-pentanone

Concen: 90.575 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

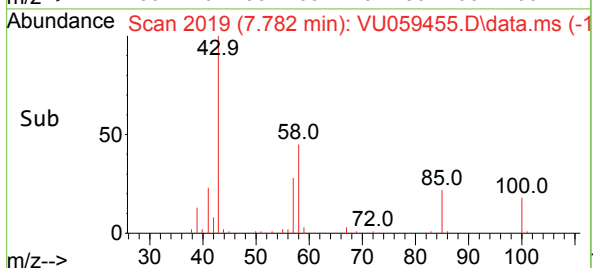
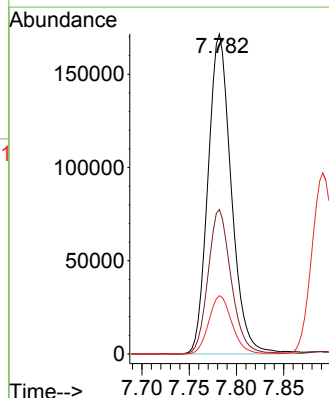
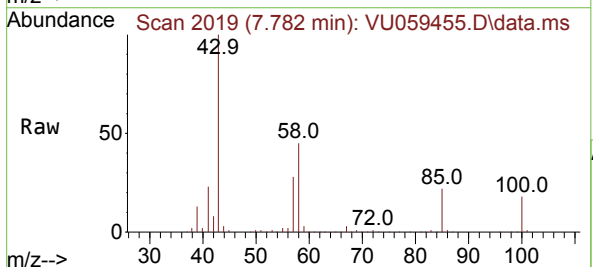
Tgt Ion: 43 Resp: 293802

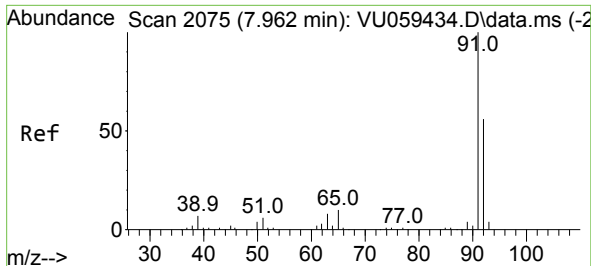
Ion Ratio Lower Upper

43 100

58 45.0 33.7 50.5

100 18.1 11.4 17.0#





#42

Toluene

Concen: 50.148 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

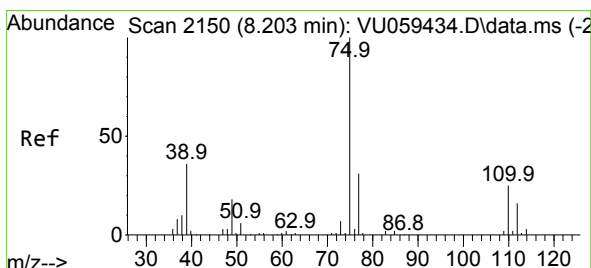
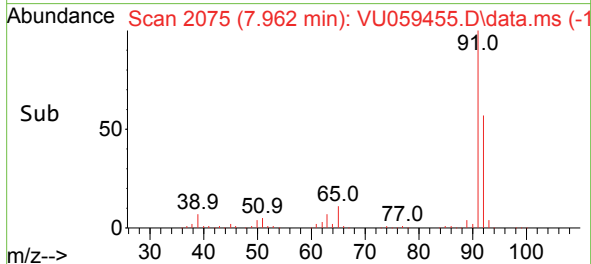
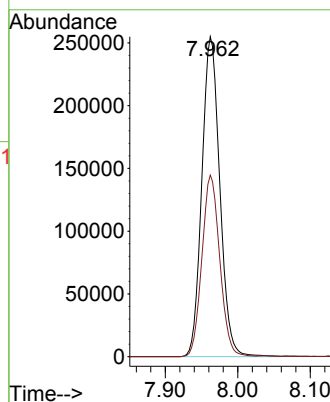
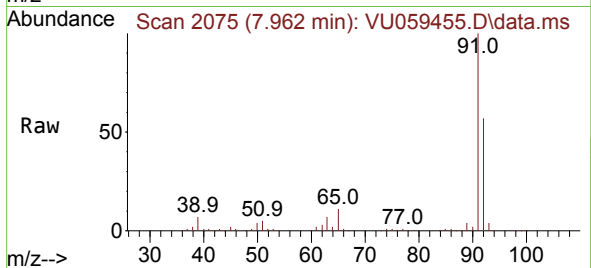
ClientSampleId :

Tgt Ion: 91 Resp: 438609

Ion Ratio Lower Upper

91 100

92 56.7 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 47.092 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059455.D

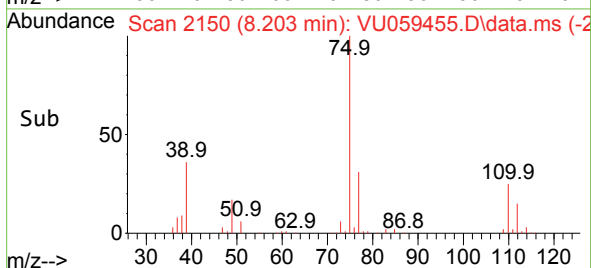
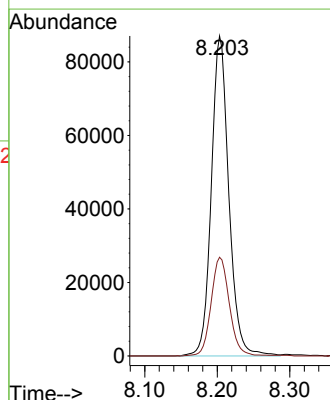
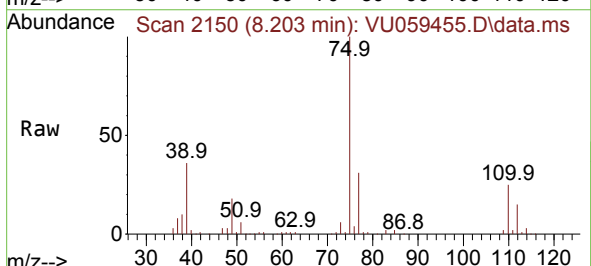
Acq: 24 Jun 2024 17:13

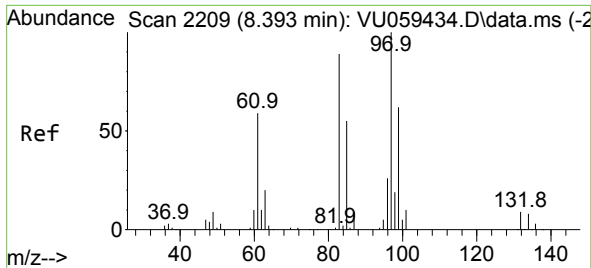
Tgt Ion: 75 Resp: 145948

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8

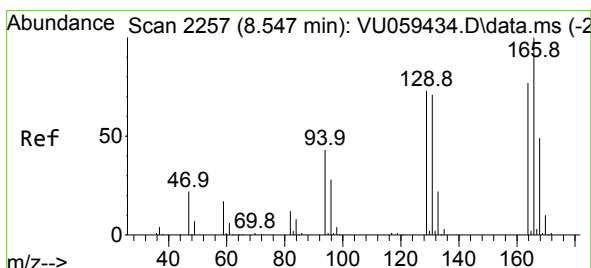
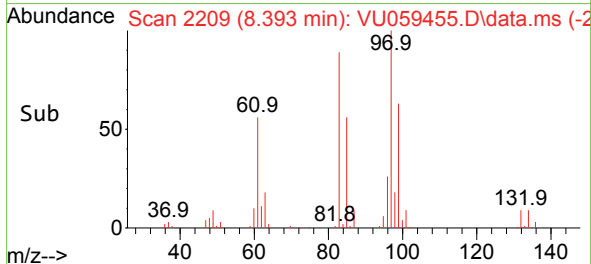
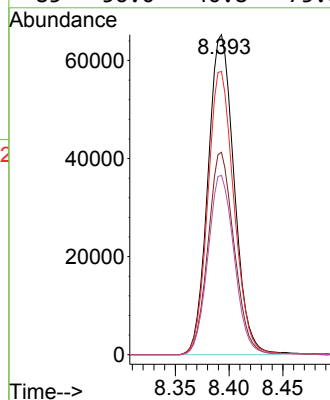
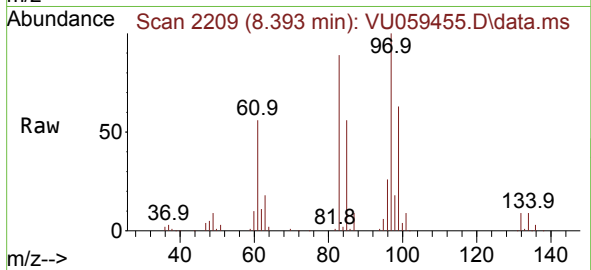




#45
1,1,2-Trichloroethane
Concen: 49.814 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

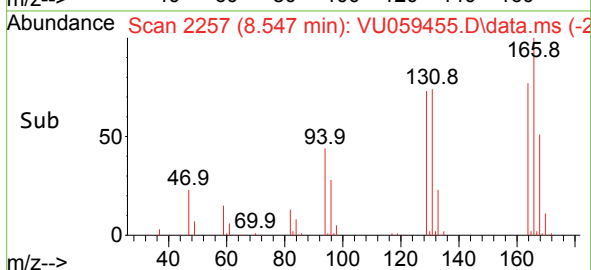
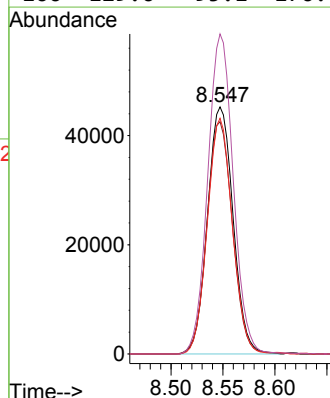
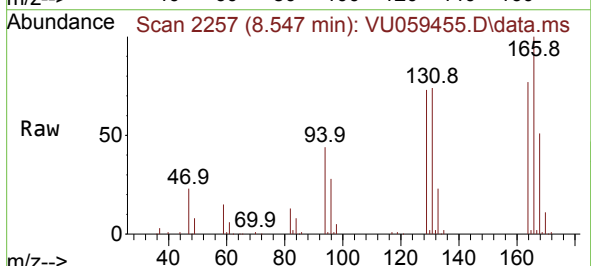
Instrument :
MSVOA_U
ClientSampleId :

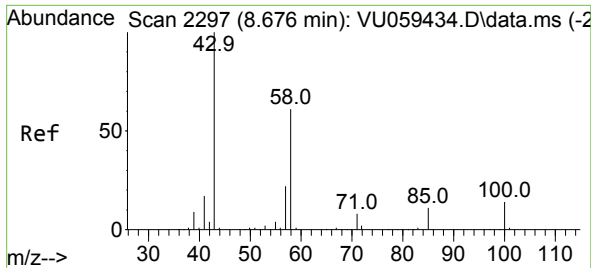
Tgt Ion:	97	Resp:	110816
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.0	81.6
83	88.5	63.6	118.2
85	56.0	40.8	75.8



#46
Tetrachloroethene
Concen: 54.588 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

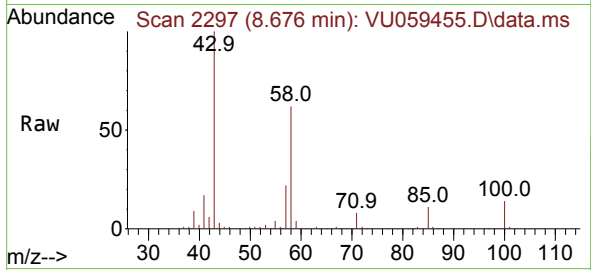
Tgt Ion:	164	Resp:	77577
Ion	Ratio	Lower	Upper
164	100		
129	94.1	74.5	138.5
131	95.5	70.6	131.0
166	129.6	95.1	176.7



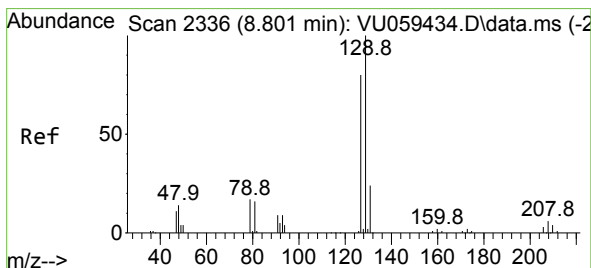
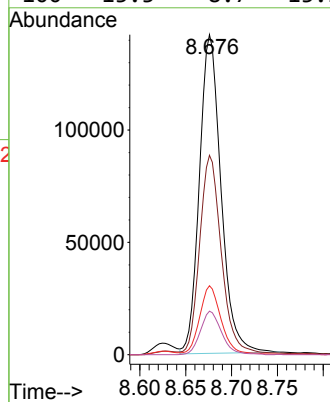
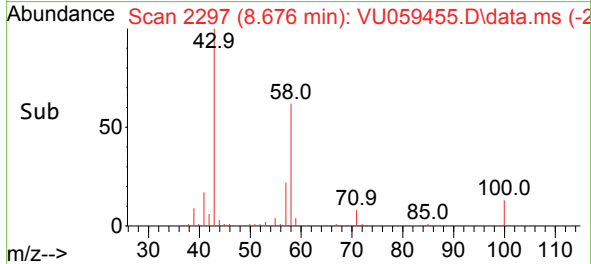


#48
2-Hexanone
Concen: 85.077 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Instrument :
MSVOA_U
ClientSampleId :

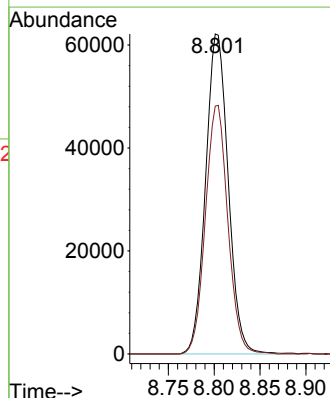
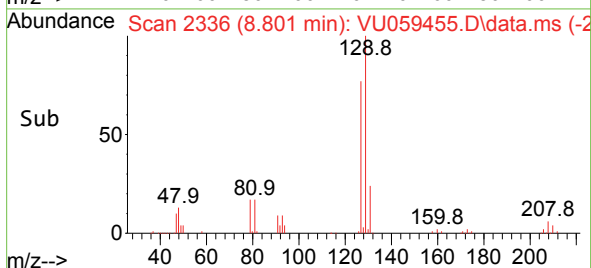
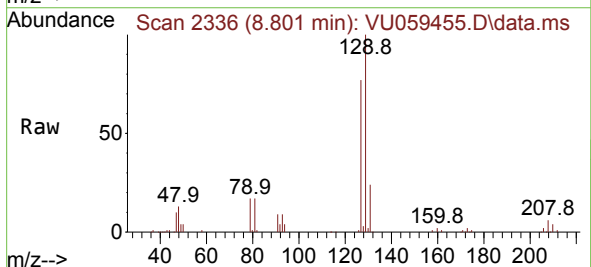


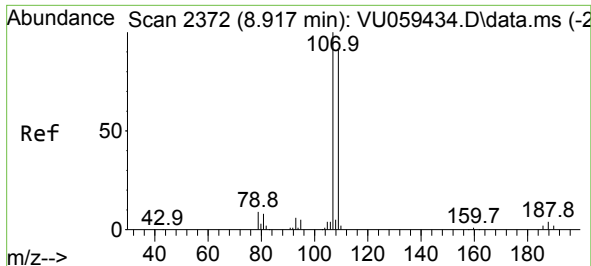
Tgt Ion: 43 Resp: 232749
Ion Ratio Lower Upper
43 100
58 63.0 45.9 68.9
57 20.5 16.3 24.5
100 13.3 8.7 13.1#



#49
Dibromochloromethane
Concen: 53.070 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 129 Resp: 106694
Ion Ratio Lower Upper
129 100
127 77.5 53.3 98.9





#50

1,2-Dibromoethane

Concen: 50.503 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

ClientSampleId :

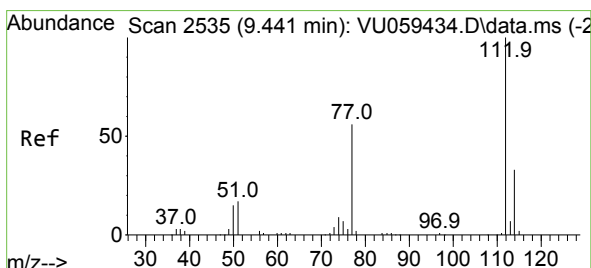
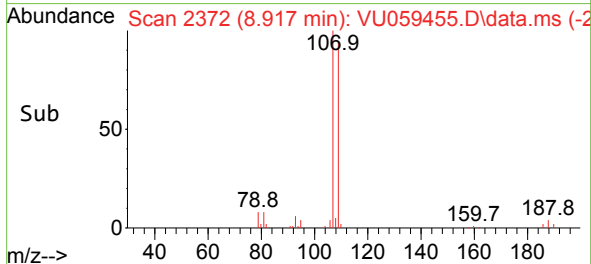
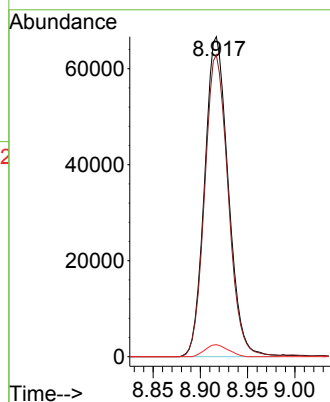
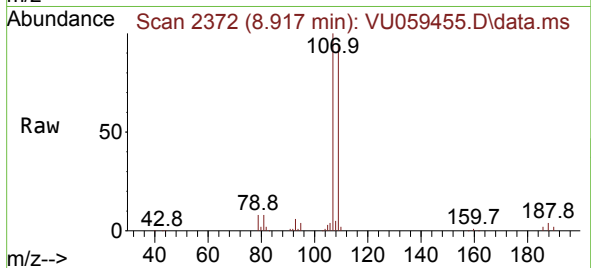
Tgt Ion:107 Resp: 115893

Ion Ratio Lower Upper

107 100

109 94.3 67.8 125.8

188 3.7 2.5 3.7#



#51

Chlorobenzene

Concen: 51.592 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

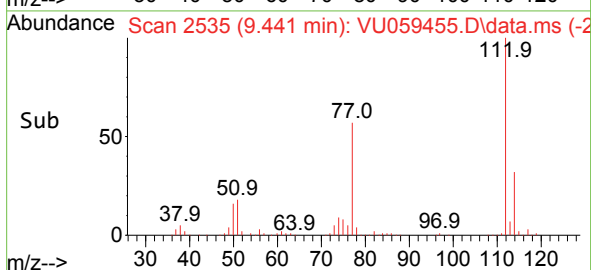
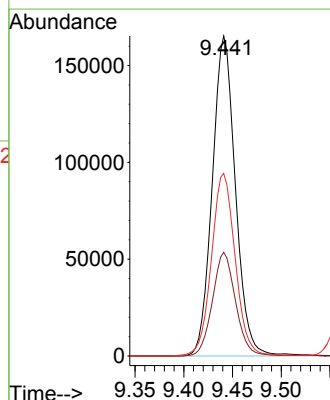
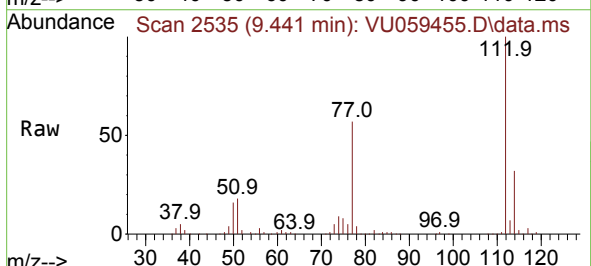
Tgt Ion:112 Resp: 272346

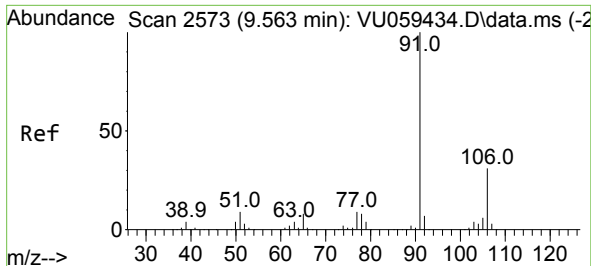
Ion Ratio Lower Upper

112 100

114 32.4 22.1 41.1

77 57.1 49.8 74.6

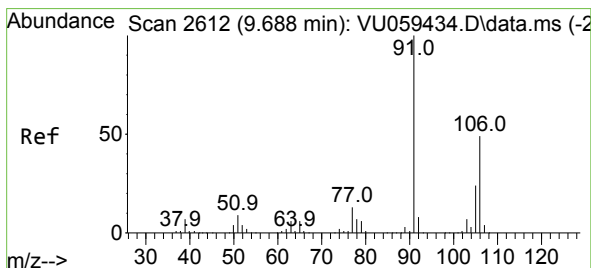
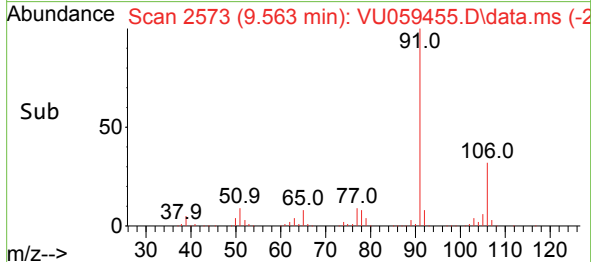
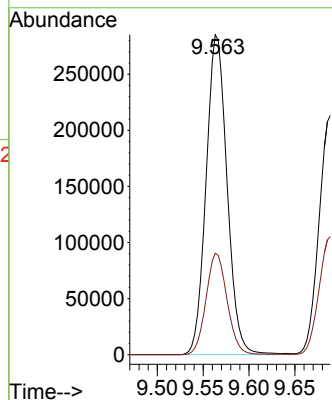
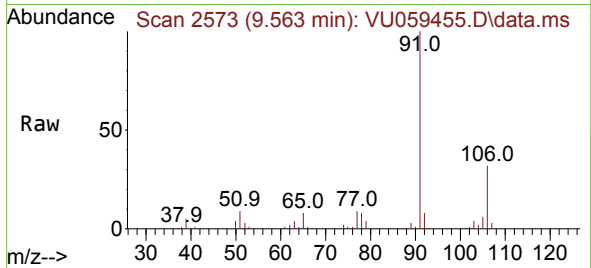




#52
Ethylbenzene
Concen: 50.333 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

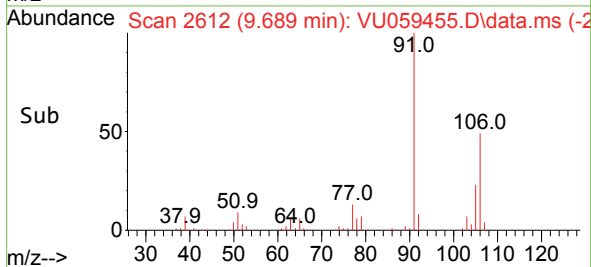
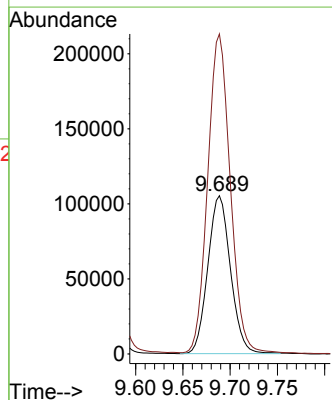
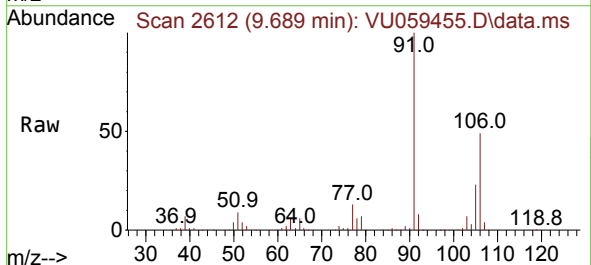
Instrument :
MSVOA_U
ClientSampleId :

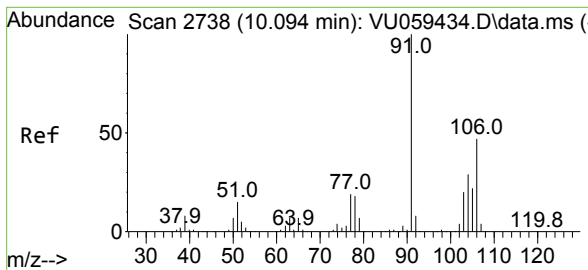
Tgt Ion: 91 Resp: 453846
Ion Ratio Lower Upper
91 100
106 31.7 21.0 39.0



#53
m,p-Xylene
Concen: 52.885 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 106 Resp: 175259
Ion Ratio Lower Upper
106 100
91 202.2 146.4 272.0

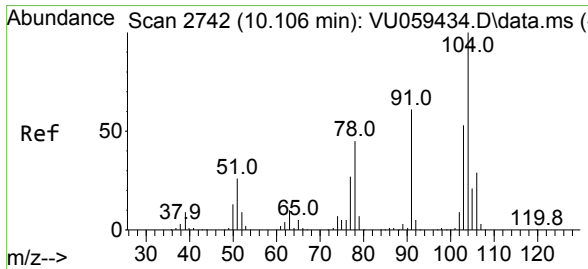
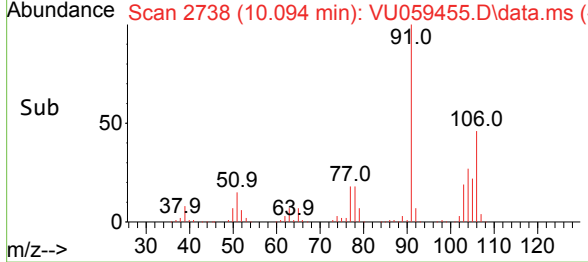
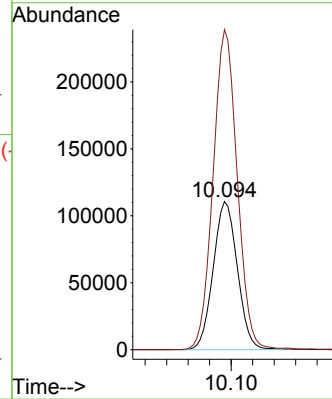
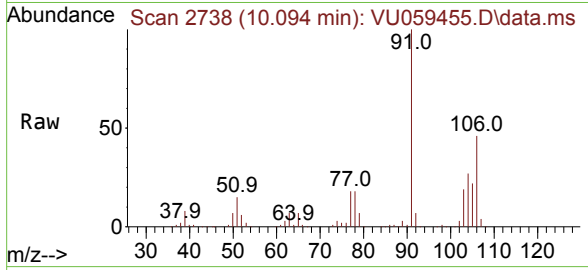




#54
o-Xylene
Concen: 53.793 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

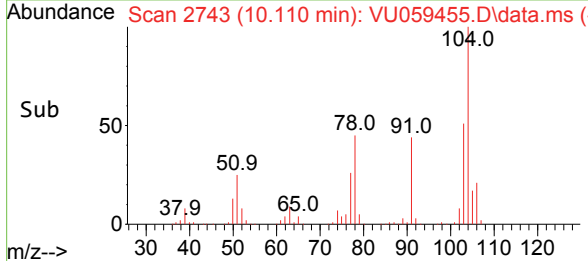
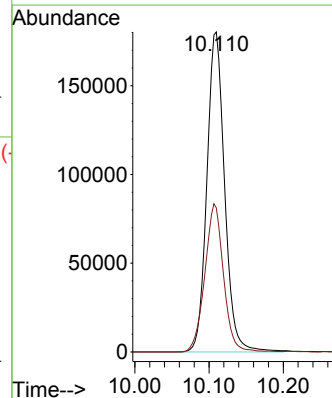
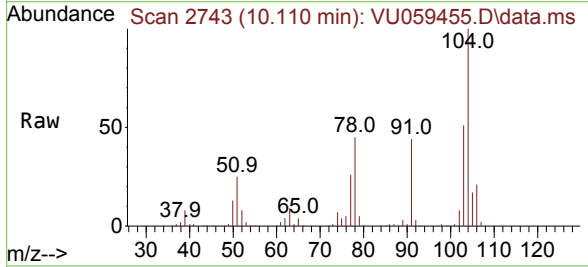
Instrument :
MSVOA_U
ClientSampleId :

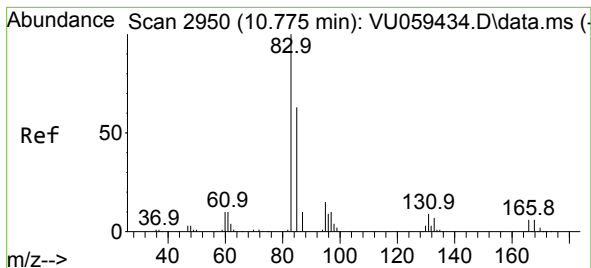
Tgt Ion:106 Resp: 172766
Ion Ratio Lower Upper
106 100
91 216.0 156.7 290.9



#55
Styrene
Concen: 54.829 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion:104 Resp: 299319
Ion Ratio Lower Upper
104 100
78 45.0 34.7 64.5

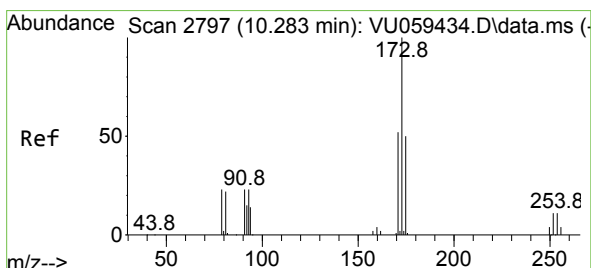
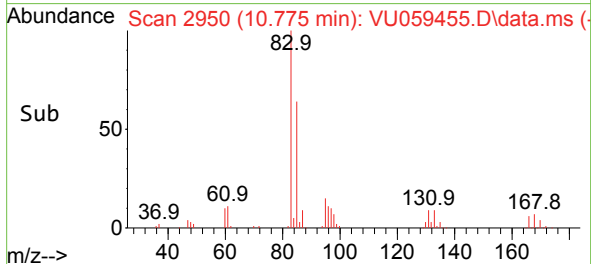
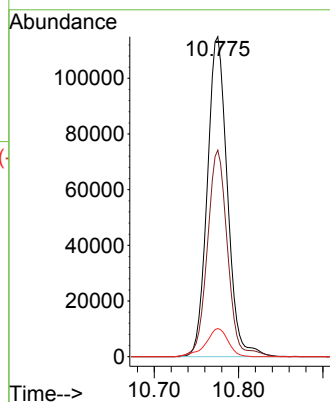
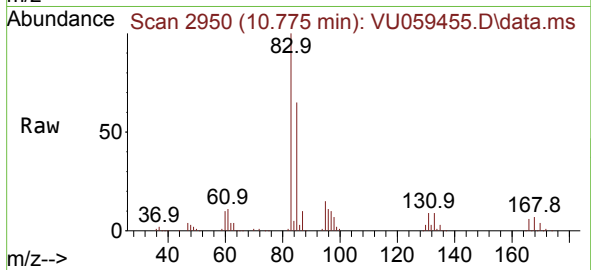




#57
1,1,2,2-Tetrachloroethane
Concen: 46.949 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

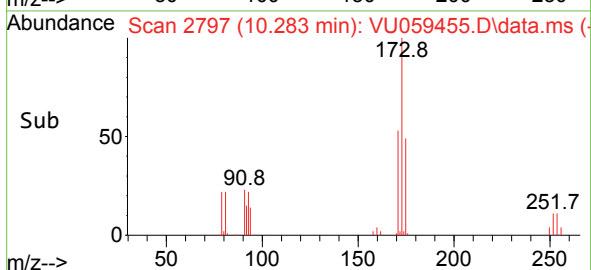
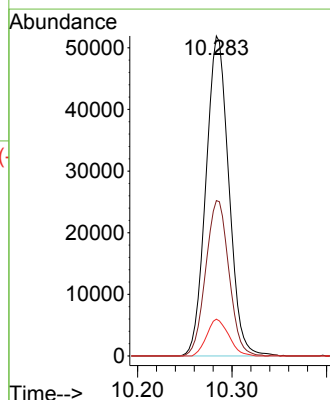
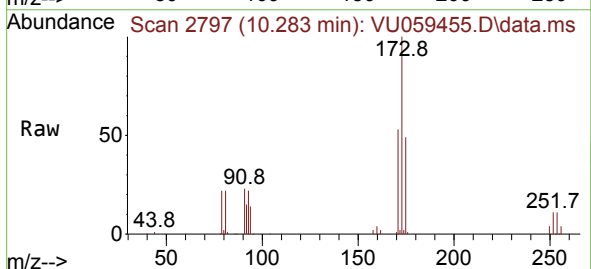
Instrument :
MSVOA_U
ClientSampleId :

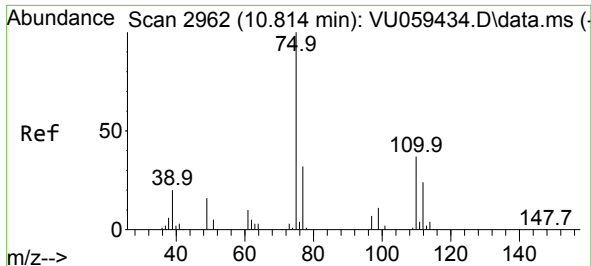
Tgt Ion: 83 Resp: 190261
Ion Ratio Lower Upper
83 100
85 64.5 46.1 85.7
131 8.8 7.0 10.4



#59
Bromoform
Concen: 52.435 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion:173 Resp: 87314
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 11.1 7.5 11.3

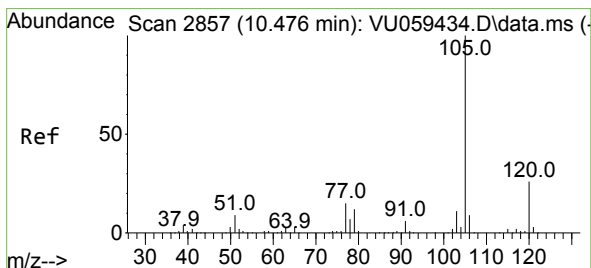
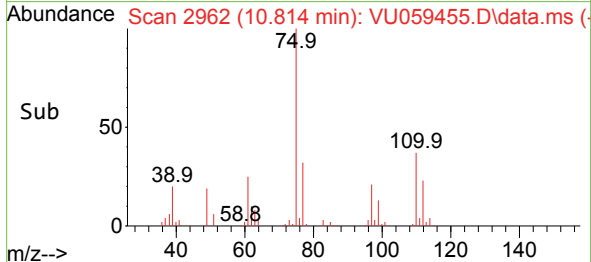
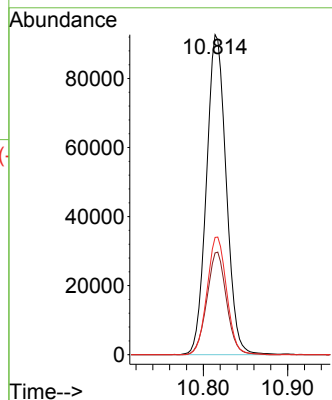
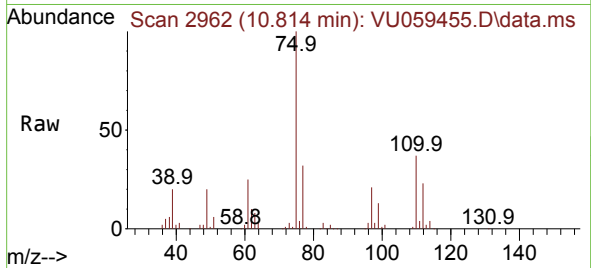




#60
1,2,3-Trichloropropane
Concen: 42.835 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

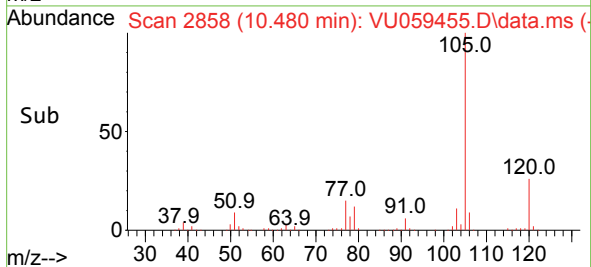
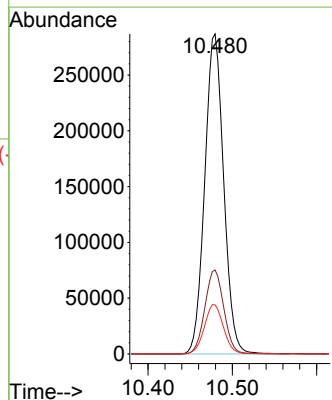
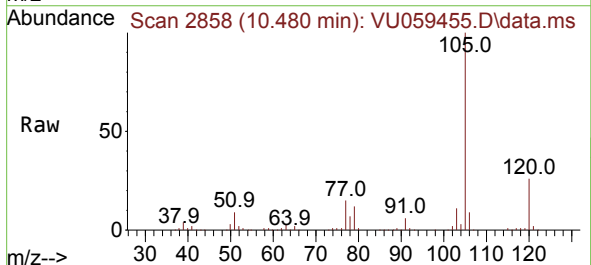
Instrument :
MSVOA_U
ClientSampleId :

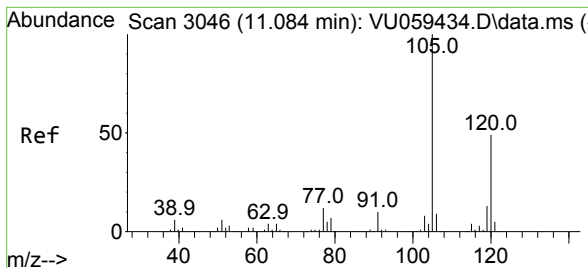
Tgt Ion: 75 Resp: 151281
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 36.5 28.4 42.6



#61
Isopropylbenzene
Concen: 50.253 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 105 Resp: 449004
Ion Ratio Lower Upper
105 100
120 26.3 20.3 30.5
77 15.7 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 50.629 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

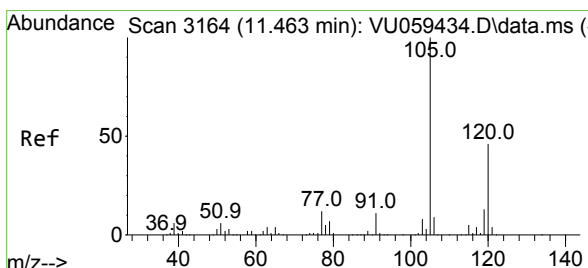
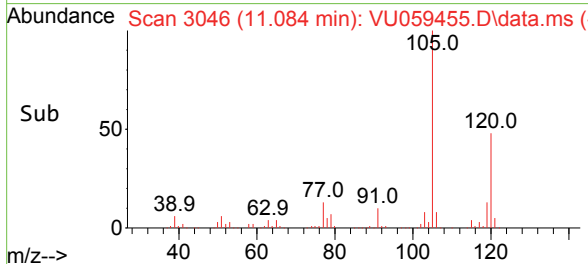
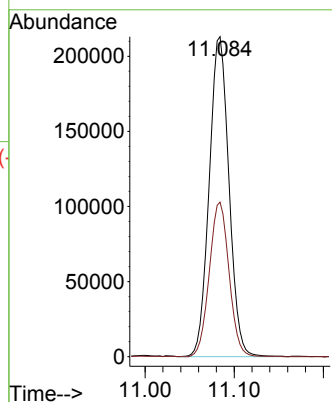
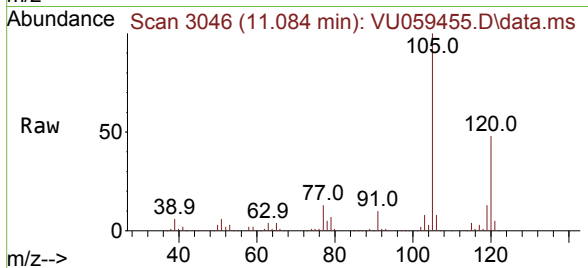
ClientSampleId :

Tgt Ion:105 Resp: 327758

Ion Ratio Lower Upper

105 100

120 48.2 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 50.979 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059455.D

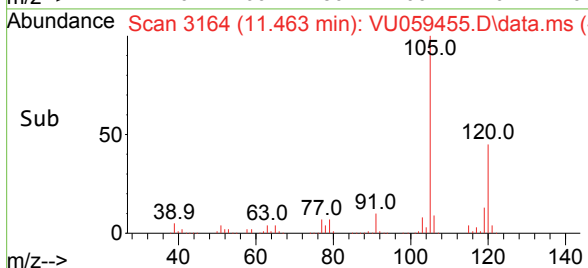
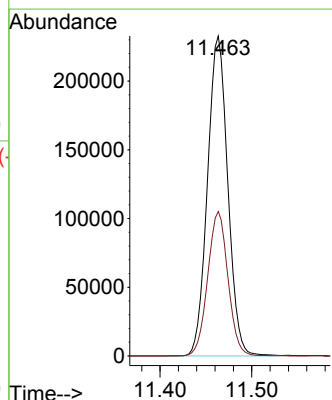
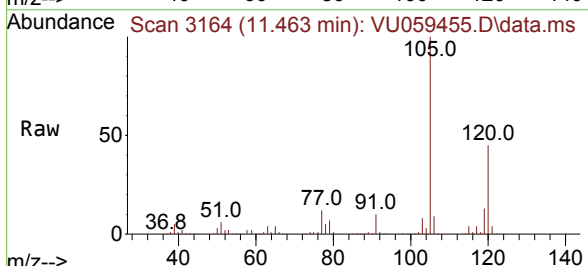
Acq: 24 Jun 2024 17:13

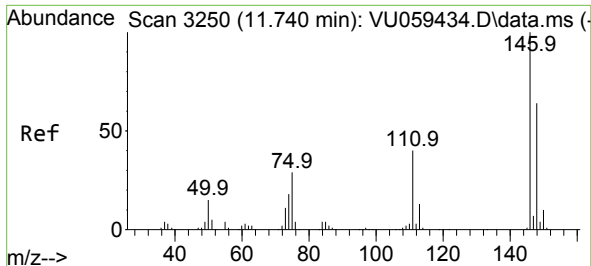
Tgt Ion:105 Resp: 357756

Ion Ratio Lower Upper

105 100

120 45.1 35.0 52.6

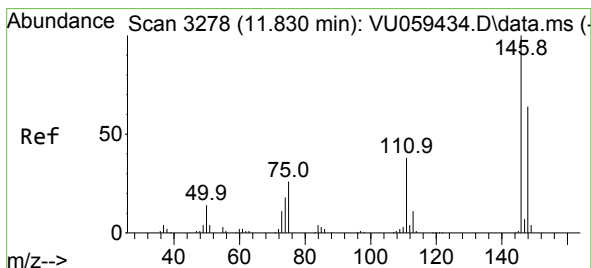
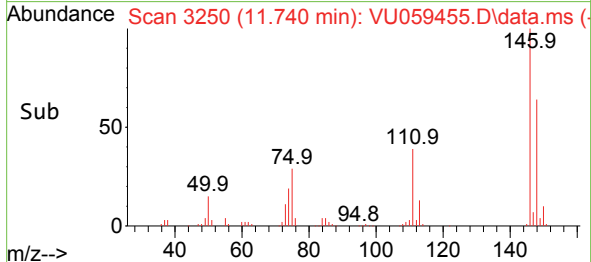
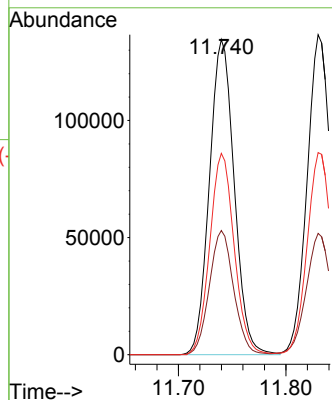
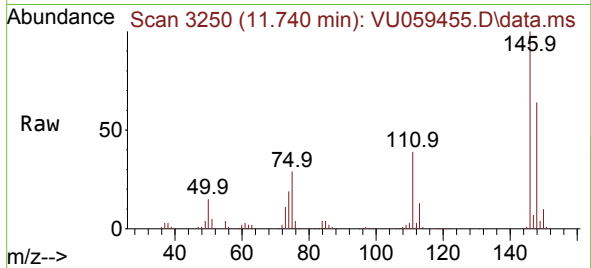




#64
 1,3-Dichlorobenzene
 Concen: 51.618 ug/L
 RT: 11.740 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU059455.D
 Acq: 24 Jun 2024 17:13

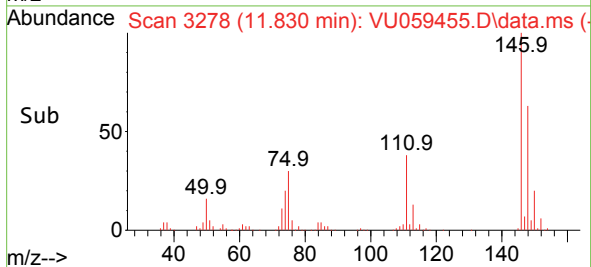
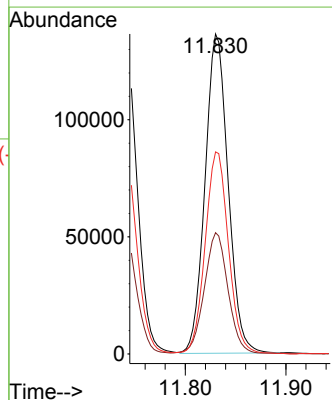
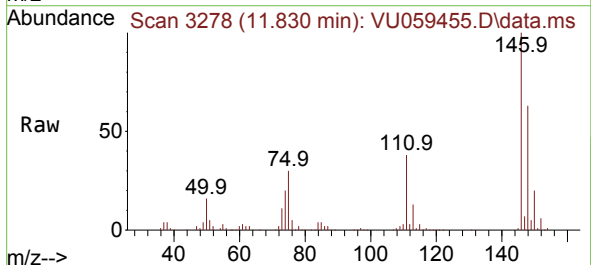
Instrument :
 MSVOA_U
 ClientSampleId :

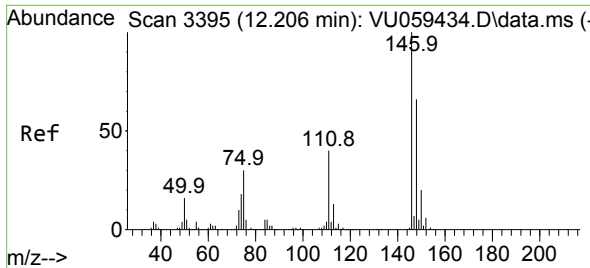
Tgt Ion:146 Resp: 215554
 Ion Ratio Lower Upper
 146 100
 111 39.4 28.7 53.3
 148 63.9 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 50.317 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU059455.D
 Acq: 24 Jun 2024 17:13

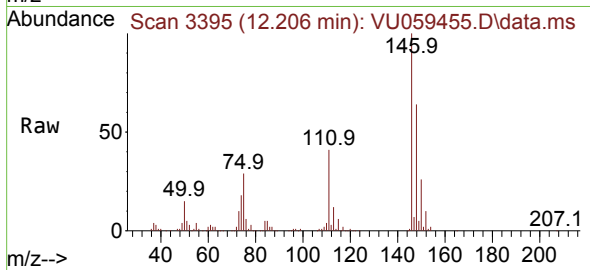
Tgt Ion:146 Resp: 217005
 Ion Ratio Lower Upper
 146 100
 111 37.9 27.9 51.9
 148 63.2 45.7 84.9



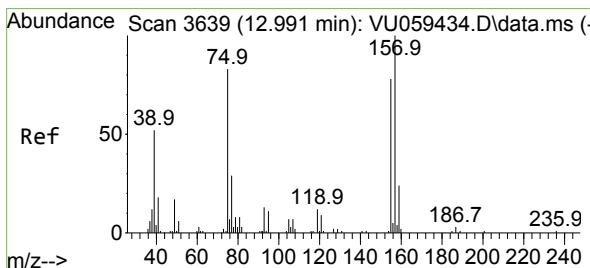
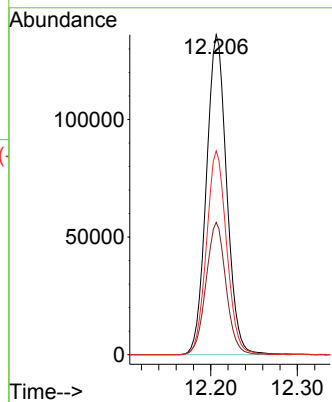
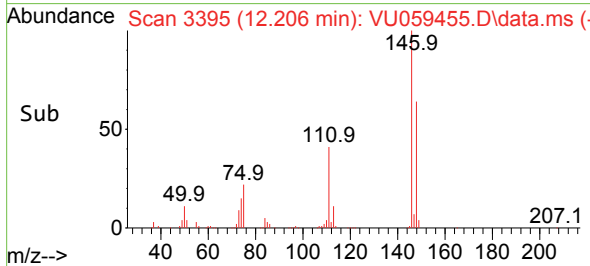


#67
1,2-Dichlorobenzene
Concen: 50.772 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Instrument :
MSVOA_U
ClientSampleId :

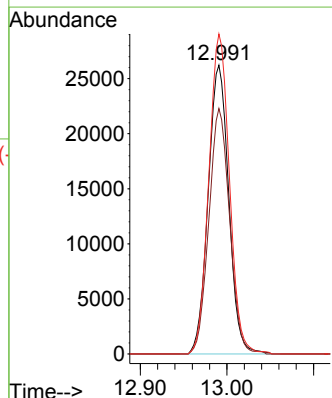
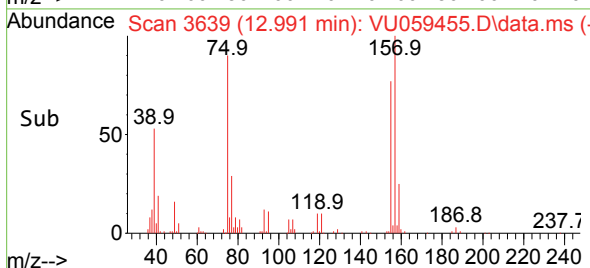
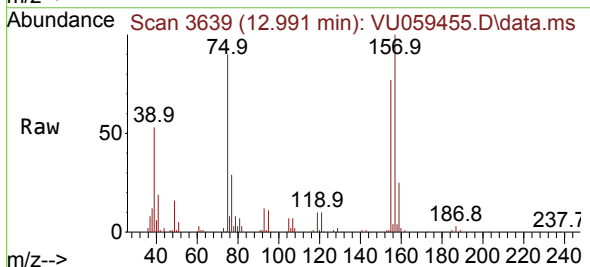


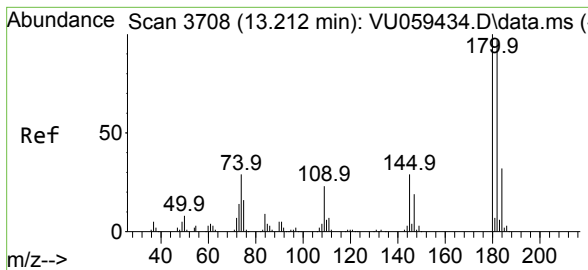
Tgt Ion:146 Resp: 221601
Ion Ratio Lower Upper
146 100
111 41.4 33.4 50.2
148 63.7 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 48.372 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 75 Resp: 43310
Ion Ratio Lower Upper
75 100
155 85.0 57.5 86.3
157 110.8 73.4 110.2#





#69

1,3,5-Trichlorobenzene

Concen: 53.608 ug/L

RT: 13.216 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 147845

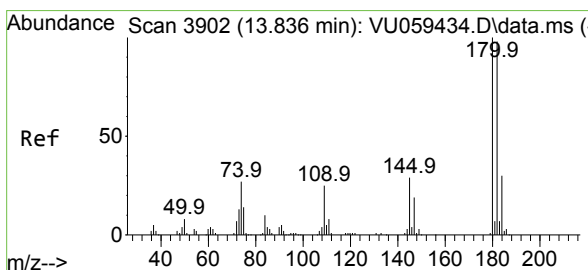
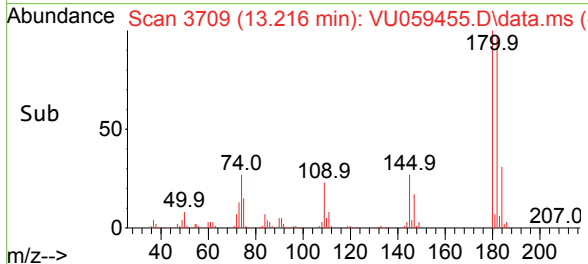
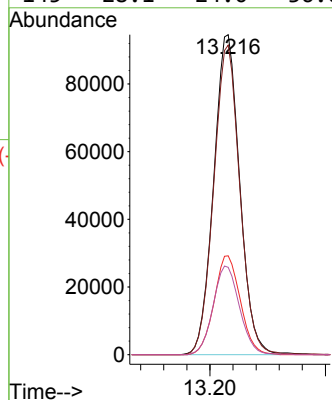
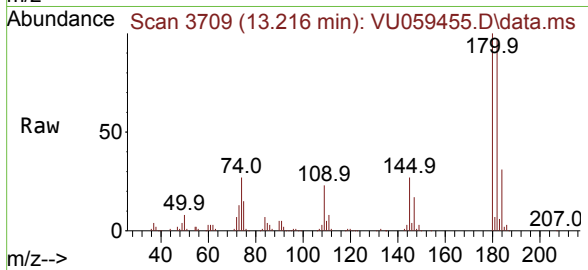
Ion Ratio Lower Upper

180 100

182 97.0 75.6 113.4

184 31.2 24.2 36.2

145 28.1 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 59.598 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059455.D

Acq: 24 Jun 2024 17:13

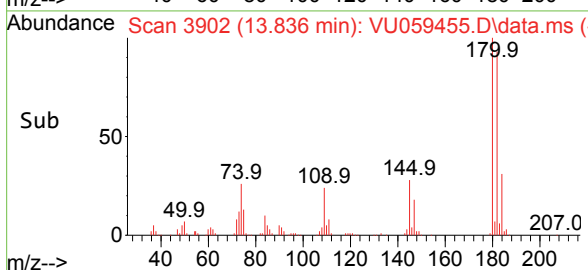
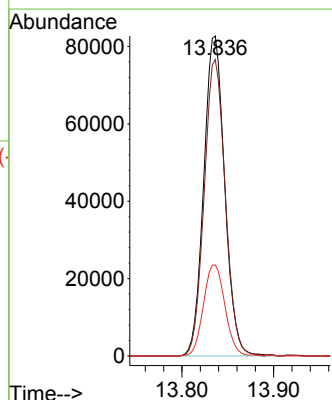
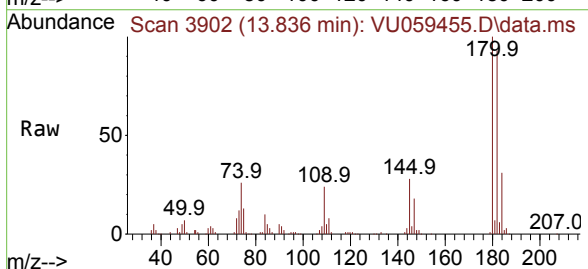
Tgt Ion:180 Resp: 131279

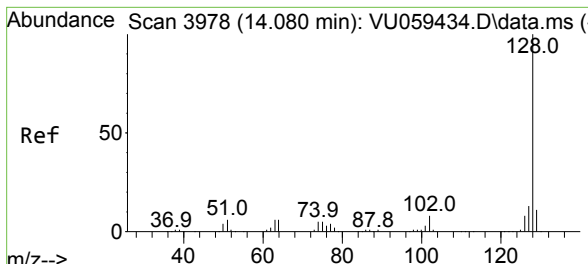
Ion Ratio Lower Upper

180 100

182 93.2 77.4 116.2

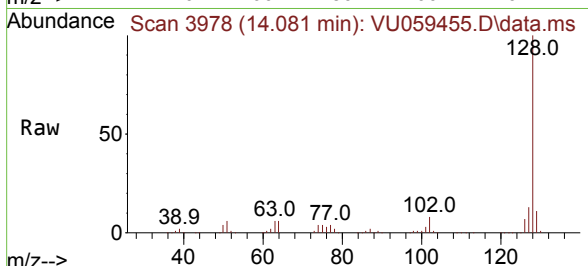
145 29.2 24.8 37.2



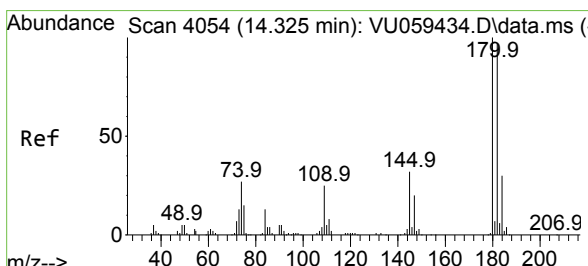
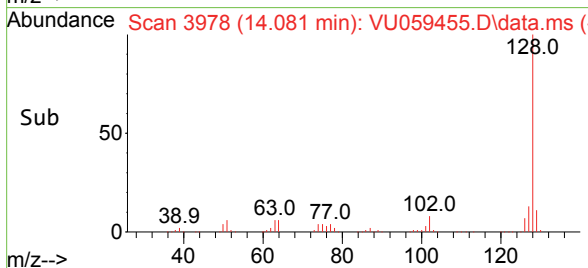
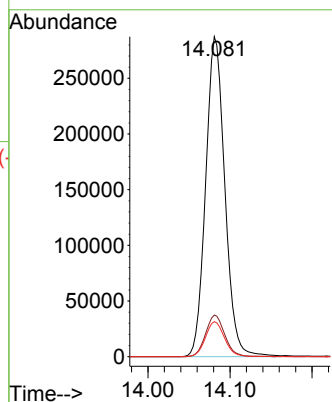


#71
Naphthalene
Concen: 66.954 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 466819
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 62.927 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059455.D
Acq: 24 Jun 2024 17:13

Tgt Ion:180 Resp: 140919
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.4
145 30.4 26.4 39.6

