

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061924\
 Data File : VU059362.D
 Acq On : 19 Jun 2024 18:42
 Operator : MD/SY
 Sample : P2898-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GB1MS

Quant Time: Jun 20 06:01:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	145080	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	146015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40258	3.991	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.907	69	41840	4.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	16843	4.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.618	46	125861	60.568	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.140%
24) Chloroform-d	5.055	84	98938	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	48126	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	184310	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.685	67	58461	4.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.894	98	164153	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	18547	4.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.627	63	95872	59.840	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55721	5.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	63109	4.614	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60079	4.887	ug/L	97
3) Chloromethane	1.518	50	67353	5.090	ug/L	97
5) Vinyl chloride	1.599	62	85851	5.874	ug/L	98
6) Bromomethane	1.849	94	48948	4.816	ug/L	98
8) Chloroethane	1.927	64	45419	5.157	ug/L	100
9) Trichlorofluoromethane	2.132	101	89534	5.089	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53542	4.807	ug/L	95
12) 1,1-Dichloroethene	2.573	96	51807	5.035	ug/L	86
13) Acetone	2.624	43	83416	61.882	ug/L	93
14) Carbon disulfide	2.785	76	165113	4.810	ug/L	99
15) Methyl Acetate	2.949	43	16535	4.648	ug/L	92
16) Methylene chloride	3.039	84	60294	4.945	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	120359	5.428	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	54698	5.111	ug/L	91
19) 1,1-Dichloroethane	3.859	63	101848	5.161	ug/L	99
21) 2-Butanone	4.698	43	131741	60.932	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	202080	17.133	ug/L	96
23) Bromochloromethane	4.968	128	29314	5.451	ug/L	90
25) Chloroform	5.081	83	112859	5.430	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
 Data File : VU059362.D
 Acq On : 19 Jun 2024 18:42
 Operator : MD/SY
 Sample : P2898-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GB1MS

Quant Time: Jun 20 06:01:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

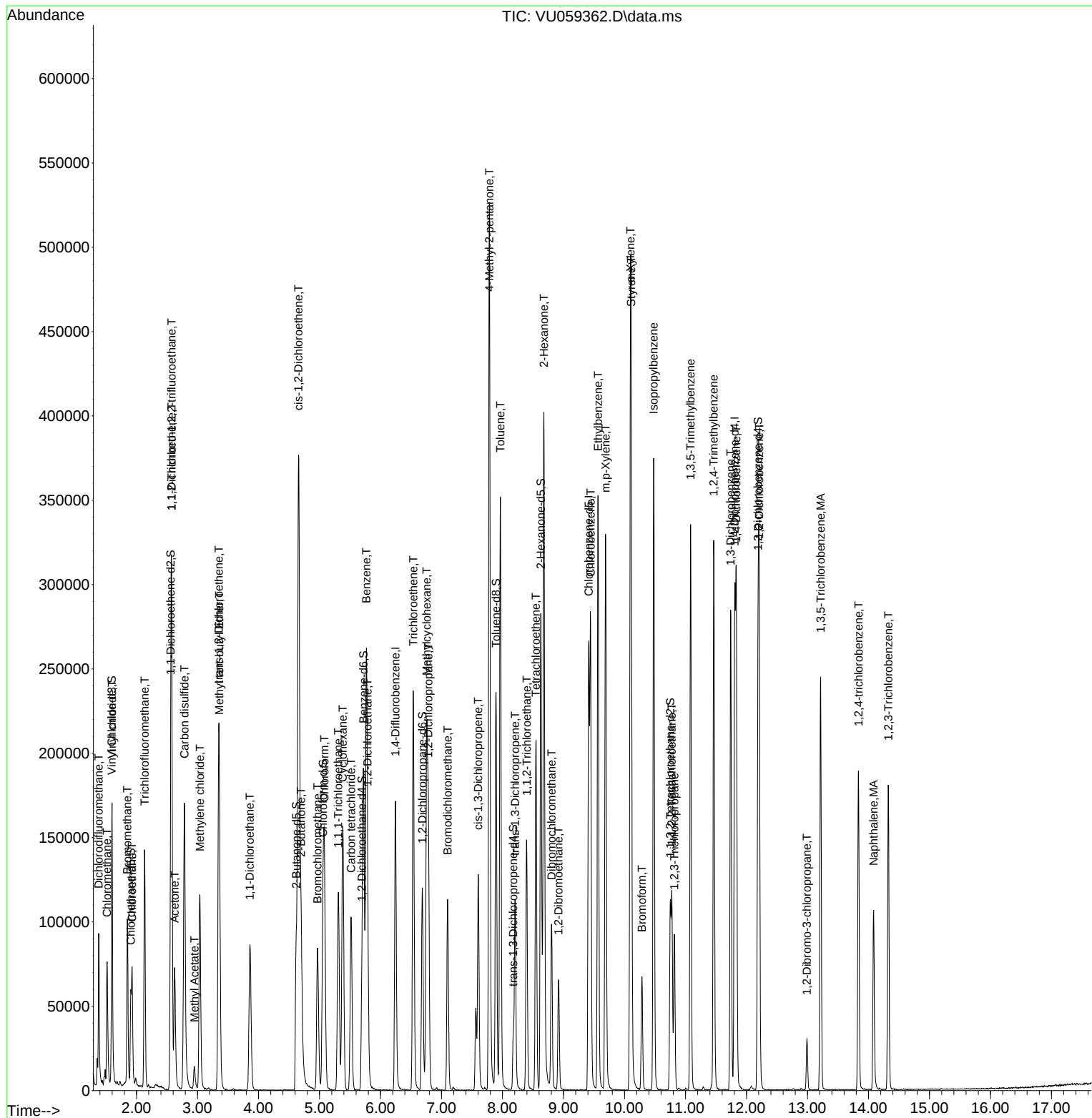
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	67499	5.359	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	85447	5.068	ug/L	99
30) Cyclohexane	5.380	56	72509	4.871	ug/L	94
31) Carbon tetrachloride	5.518	117	71792	5.085	ug/L	99
33) Benzene	5.769	78	233023	5.255	ug/L	100
34) Trichloroethene	6.537	95	82621	6.880	ug/L	98
35) Methylcyclohexane	6.759	83	80137	4.690	ug/L	94
37) 1,2-Dichloropropane	6.785	63	60369	5.261	ug/L #	97
38) Bromodichloromethane	7.100	83	76516	5.342	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	78815	5.022	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	320858	60.345	ug/L	98
42) Toluene	7.965	91	265966	5.666	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	66233	5.258	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	48471	5.732	ug/L	98
47) Tetrachloroethene	8.547	164	47566	5.105	ug/L	95
48) 2-Hexanone	8.679	43	233587	61.556	ug/L #	95
49) Dibromochloromethane	8.804	129	50609	5.403	ug/L	98
50) 1,2-Dibromoethane	8.920	107	44470	5.695	ug/L	100
51) Chlorobenzene	9.444	112	153553	5.157	ug/L	95
52) Ethylbenzene	9.566	91	247908	5.148	ug/L	97
53) m,p-Xylene	9.692	106	97799	5.288	ug/L	94
54) o-Xylene	10.097	106	91994	5.241	ug/L	97
55) Styrene	10.110	104	156248	5.229	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	56580	5.516	ug/L	97
59) Bromoform	10.286	173	30953	5.263	ug/L	96
60) Isopropylbenzene	10.479	105	238805	5.031	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40737	5.737	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	180547	4.801	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	178349	4.961	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	121641	5.038	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	122113	4.914	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	115306	5.075	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	7308	5.276	ug/L	84
69) 1,3,5-Trichlorobenzene	13.216	180	78860	4.413	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	61325	4.473	ug/L	97
71) Naphthalene	14.084	128	93399	4.760	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	59084	4.641	ug/L	98

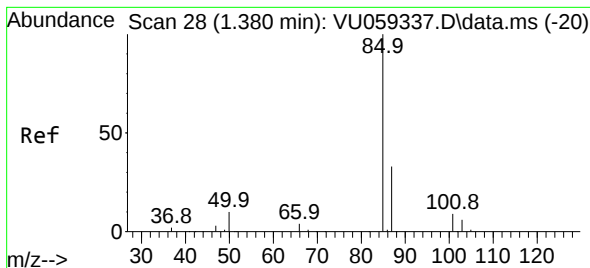
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
Data File : VU059362.D
Acq On : 19 Jun 2024 18:42
Operator : MD/SY
Sample : P2898-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

Quant Time: Jun 20 06:01:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 17 12:07:46 2024
Response via : Initial Calibration

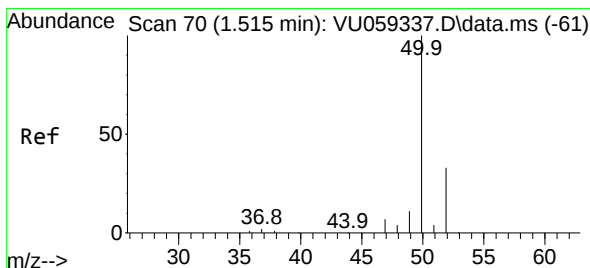
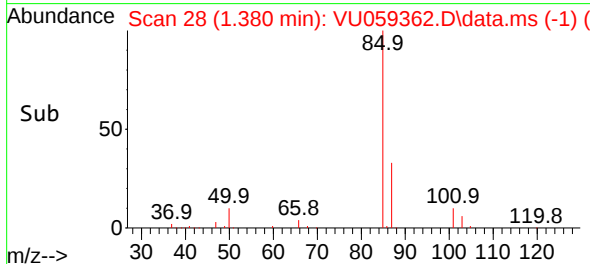
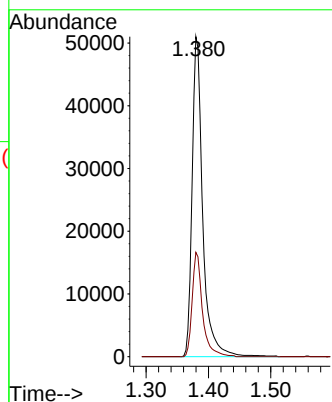
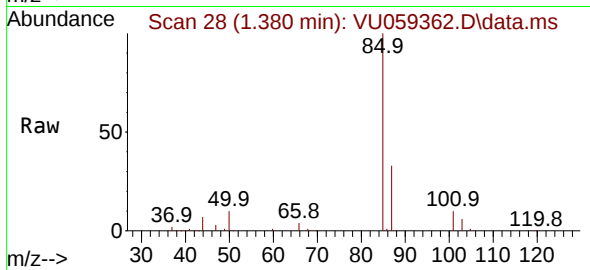




#2
 Dichlorodifluoromethane
 Concen: 4.887 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059362.D
 Acq: 19 Jun 2024 18:42

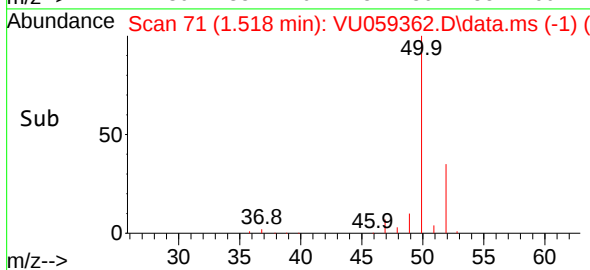
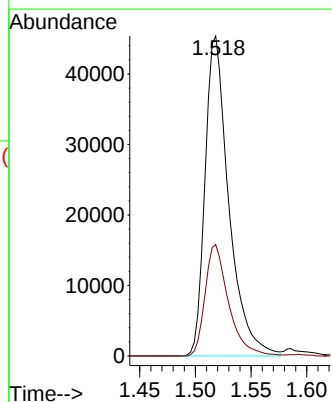
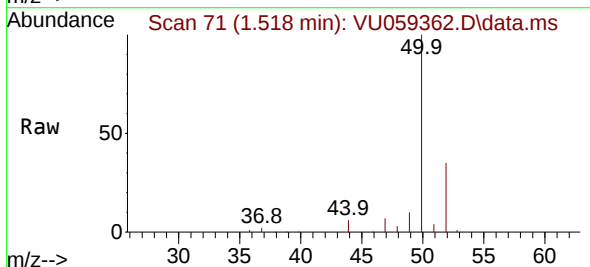
Instrument :
 MSVOA_U
 ClientSampleId :
 E1GB1MS

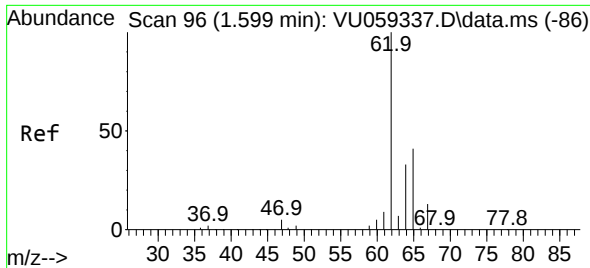
Tgt Ion: 85 Resp: 60079
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.6 40.0



#3
 Chloromethane
 Concen: 5.090 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU059362.D
 Acq: 19 Jun 2024 18:42

Tgt Ion: 50 Resp: 67353
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.2 43.0

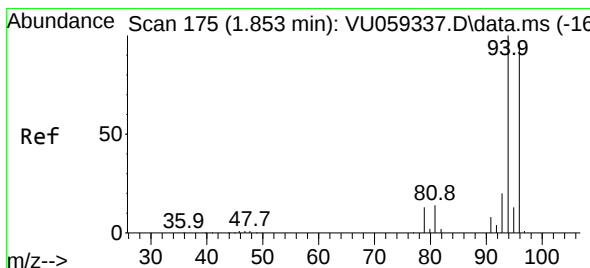
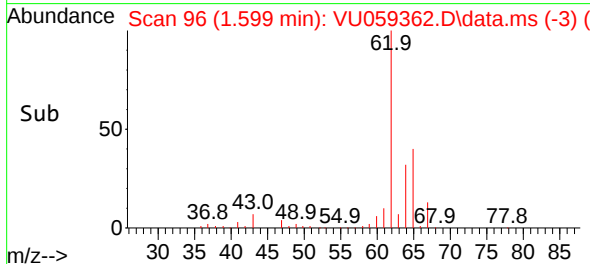
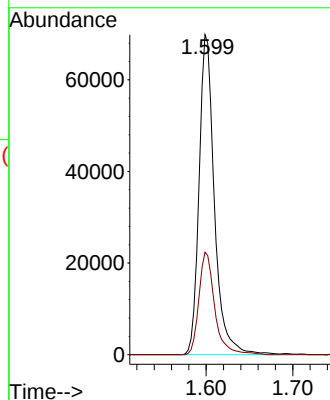
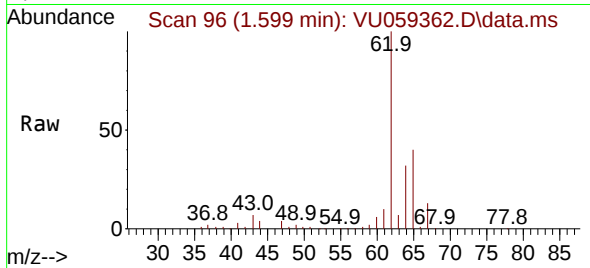




#5
 Vinyl chloride
 Concen: 5.874 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU059362.D
 Acq: 19 Jun 2024 18:42

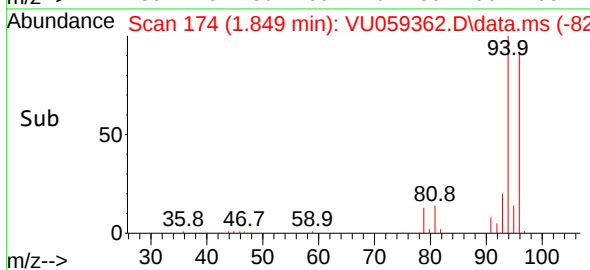
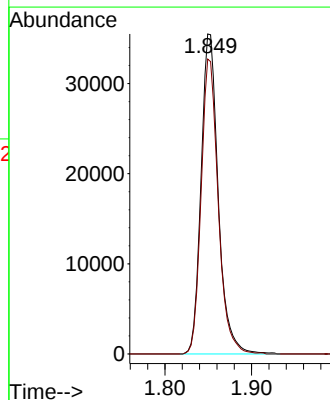
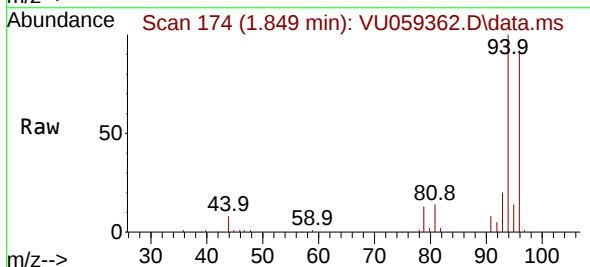
Instrument :
 MSVOA_U
 ClientSampleId :
 E1GB1MS

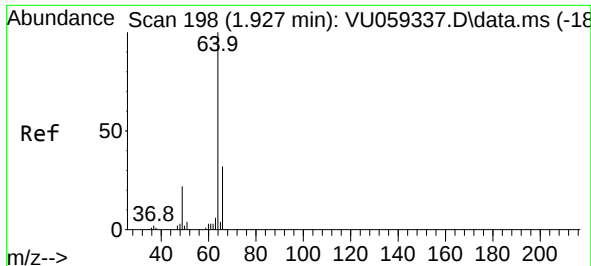
Tgt Ion: 62 Resp: 85851
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.1 42.9



#6
 Bromomethane
 Concen: 4.816 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU059362.D
 Acq: 19 Jun 2024 18:42

Tgt Ion: 94 Resp: 48948
 Ion Ratio Lower Upper
 94 100
 96 92.2 62.9 116.9





#8

Chloroethane

Concen: 5.157 ug/L

RT: 1.927 min Scan# 198

Delta R.T. -0.003 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

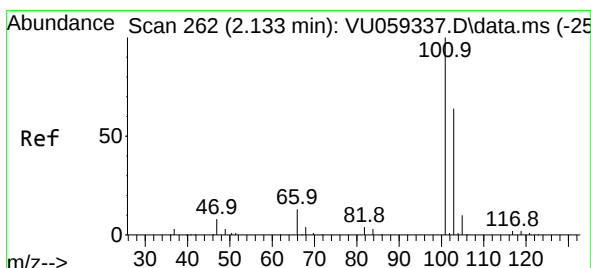
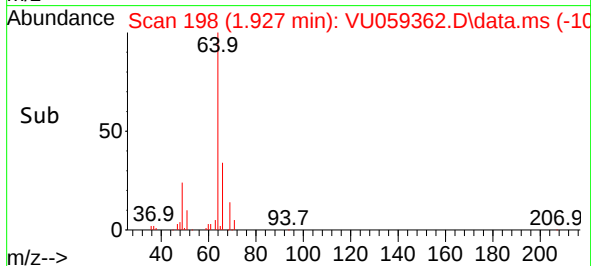
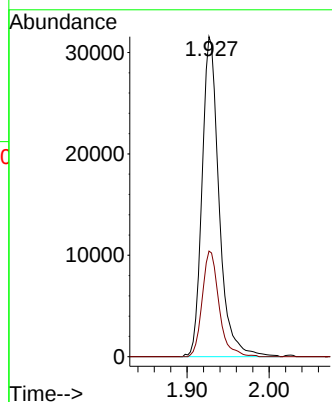
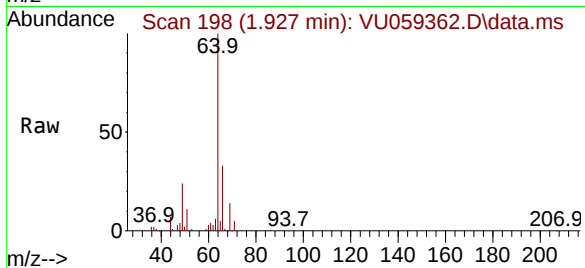
E1GB1MS

Tgt Ion: 64 Resp: 45419

Ion Ratio Lower Upper

64 100

66 33.0 23.2 43.2



#9

Trichlorofluoromethane

Concen: 5.089 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU059362.D

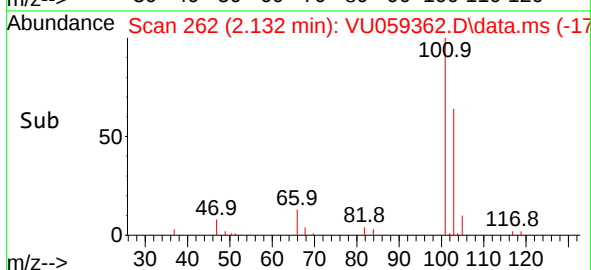
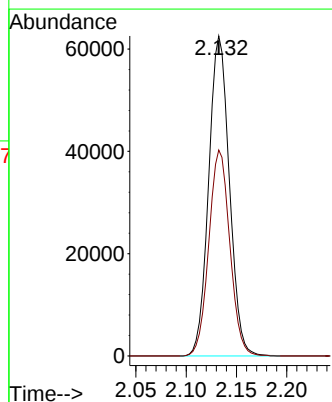
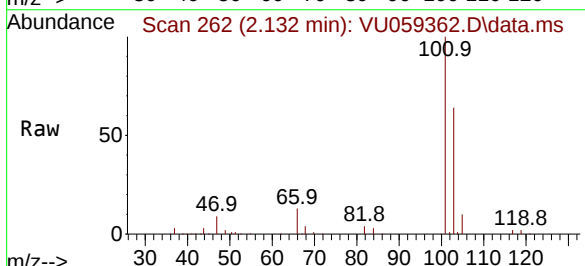
Acq: 19 Jun 2024 18:42

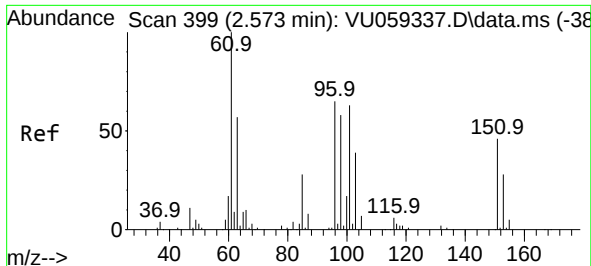
Tgt Ion: 101 Resp: 89534

Ion Ratio Lower Upper

101 100

103 65.3 52.6 79.0

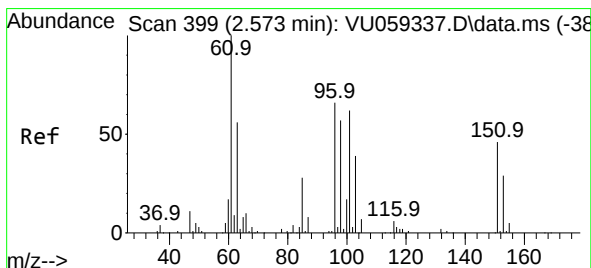
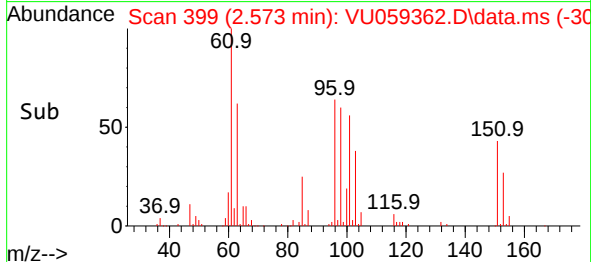
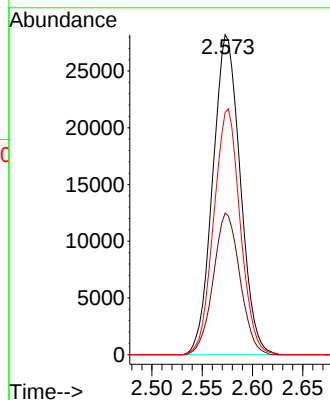
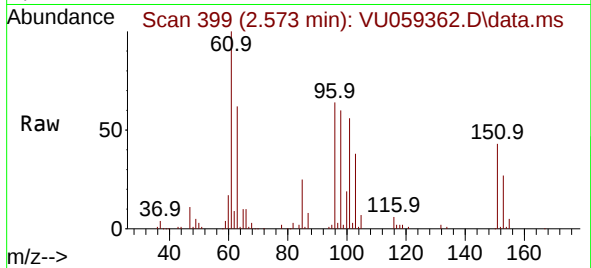




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.807 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

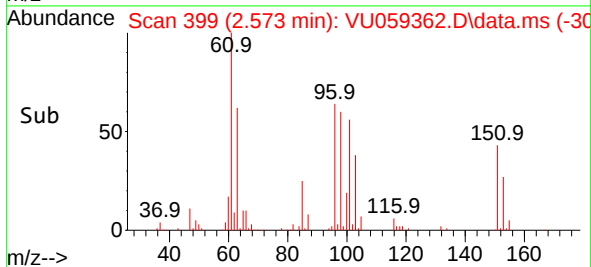
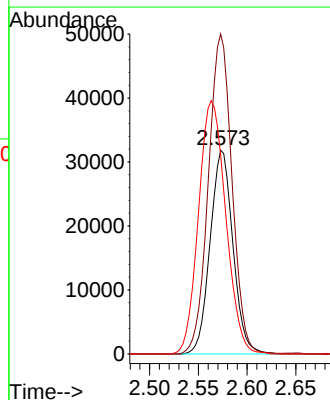
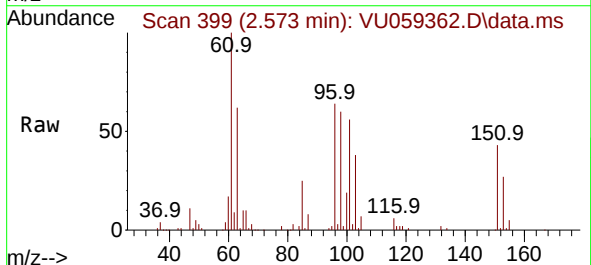
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

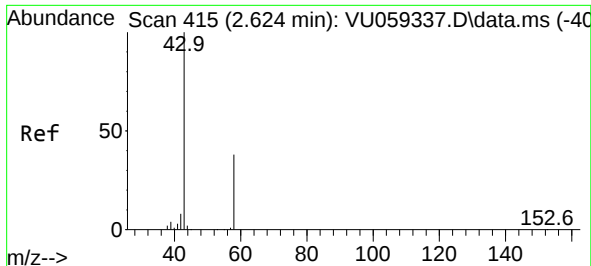
Tgt Ion:101 Resp: 53542
Ion Ratio Lower Upper
101 100
85 42.9 36.2 54.4
151 74.1 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.035 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion: 96 Resp: 51807
Ion Ratio Lower Upper
96 100
61 157.1 122.9 228.3
63 97.5 80.4 149.4





#13

Acetone

Concen: 61.882 ug/L

RT: 2.624 min Scan# 415

Delta R.T. -0.016 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

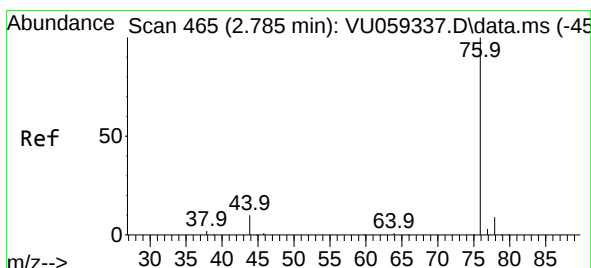
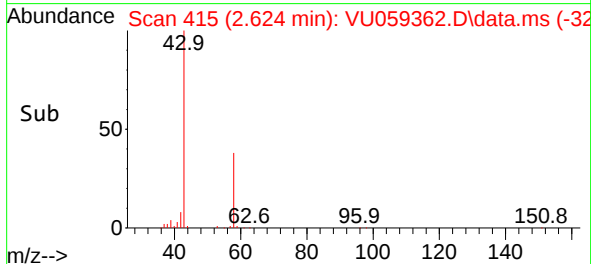
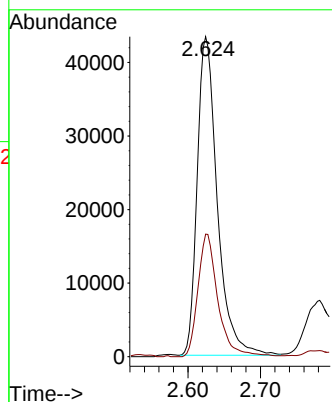
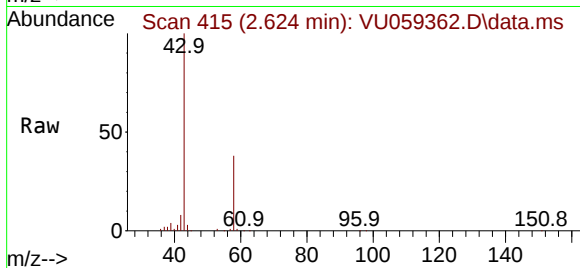
E1GB1MS

Tgt Ion: 43 Resp: 83416

Ion Ratio Lower Upper

43 100

58 38.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.810 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059362.D

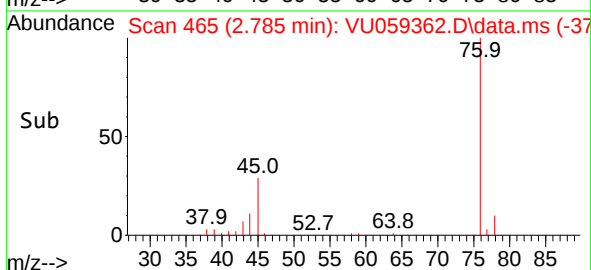
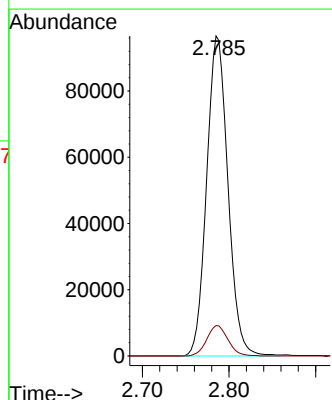
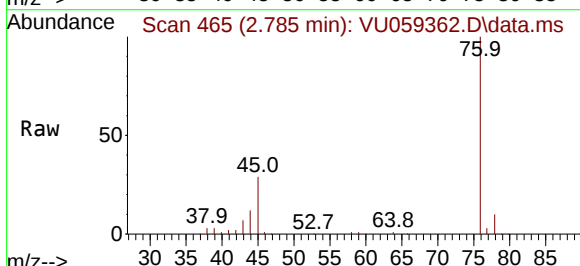
Acq: 19 Jun 2024 18:42

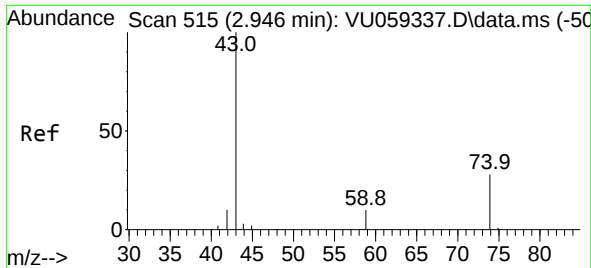
Tgt Ion: 76 Resp: 165113

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

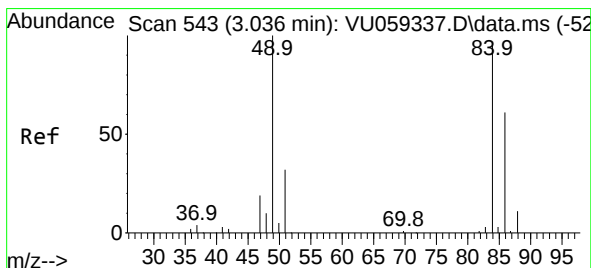
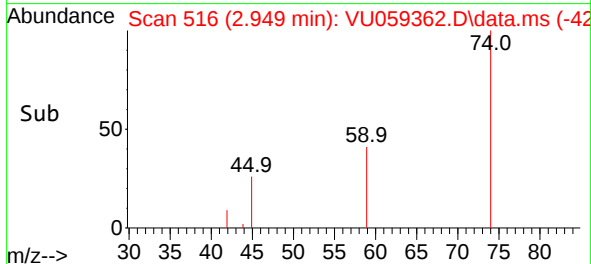
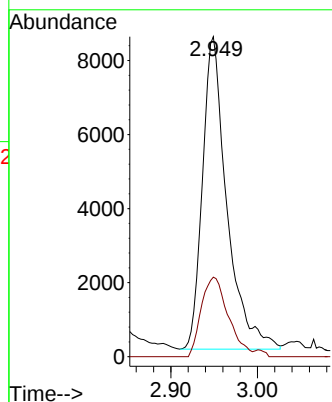
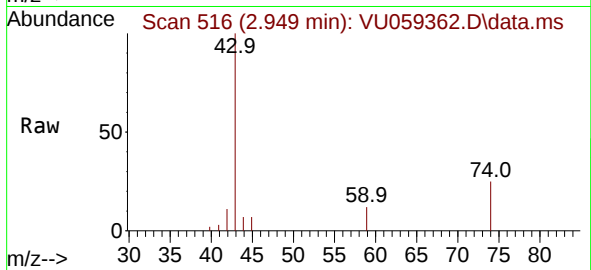




#15
Methyl Acetate
Concen: 4.648 ug/L
RT: 2.949 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

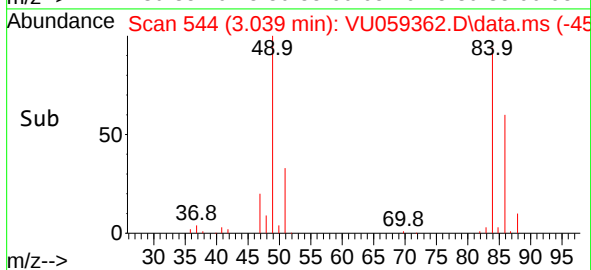
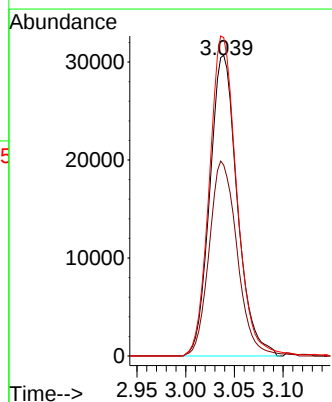
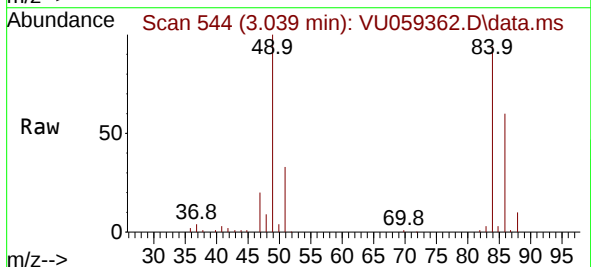
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

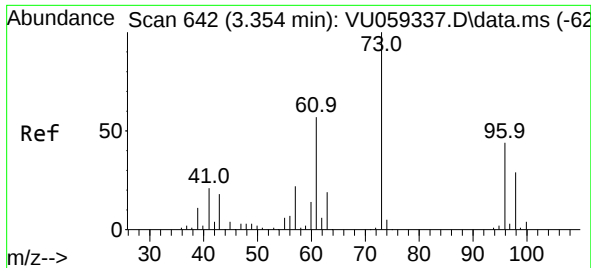
Tgt Ion: 43 Resp: 16535
Ion Ratio Lower Upper
43 100
74 28.1 19.2 28.8



#16
Methylene chloride
Concen: 4.945 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion: 84 Resp: 60294
Ion Ratio Lower Upper
84 100
86 63.5 42.1 78.1
49 105.9 80.6 149.8

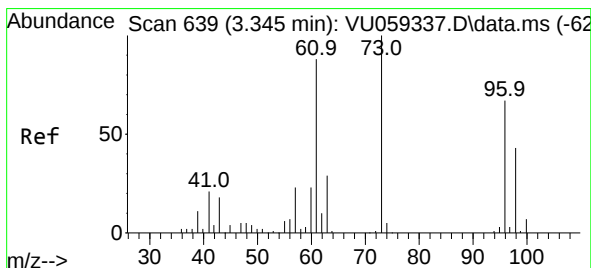
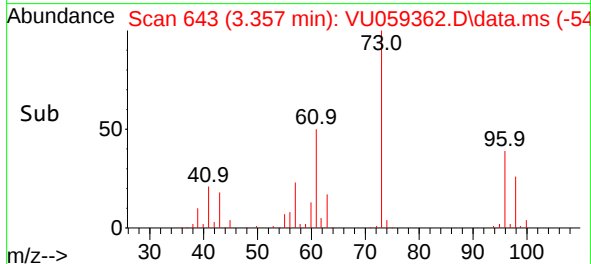
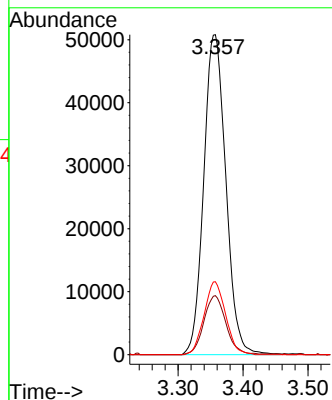
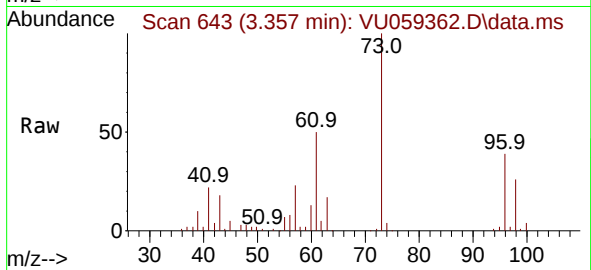




#17
Methyl tert-butyl Ether
Concen: 5.428 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

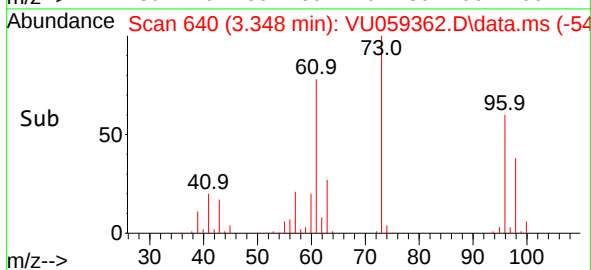
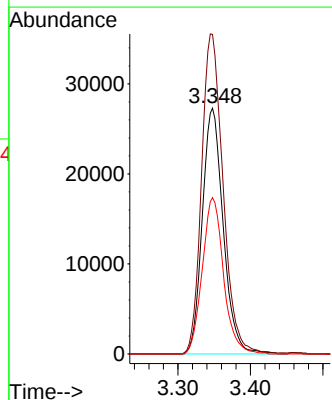
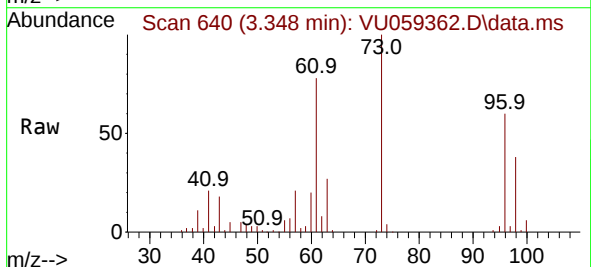
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

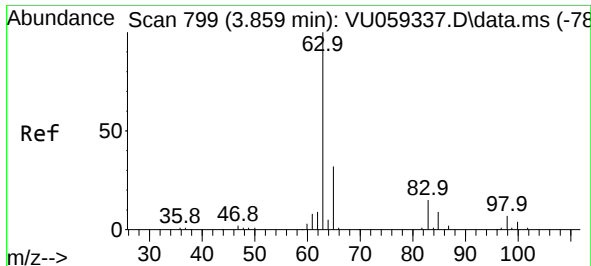
Tgt Ion: 73 Resp: 120359
Ion Ratio Lower Upper
73 100
43 18.5 14.9 22.3
57 22.2 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.111 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion: 96 Resp: 54698
Ion Ratio Lower Upper
96 100
61 130.0 101.8 189.0
98 63.6 43.3 80.5





#19

1,1-Dichloroethane

Concen: 5.161 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MS

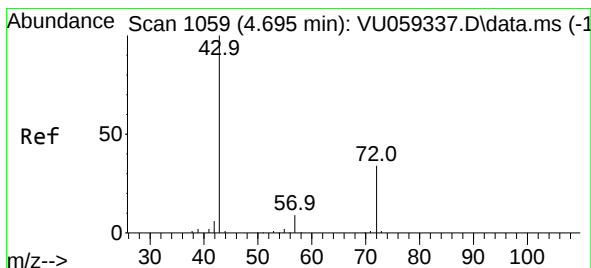
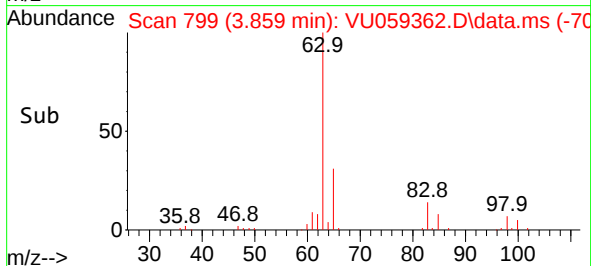
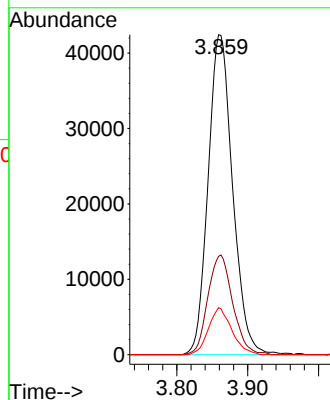
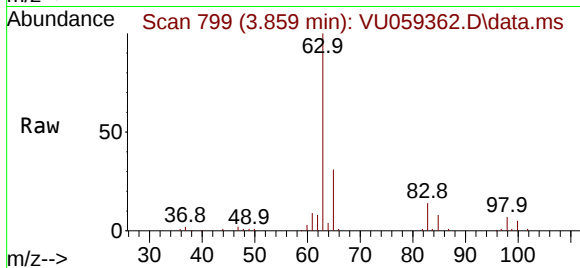
Tgt Ion: 63 Resp: 101848

Ion Ratio Lower Upper

63 100

65 30.8 21.8 40.6

83 14.7 9.9 18.5



#21

2-Butanone

Concen: 60.932 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.007 min

Lab File: VU059362.D

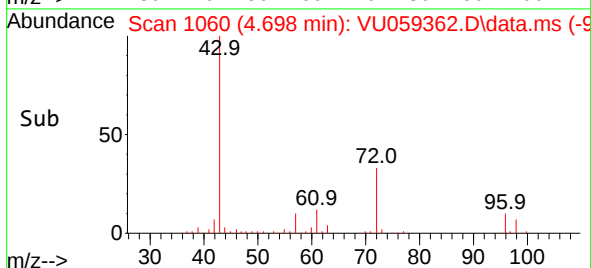
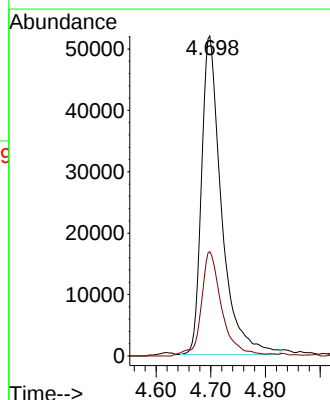
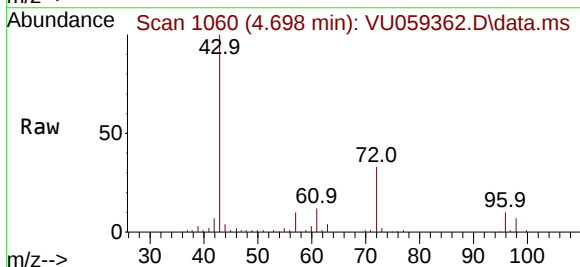
Acq: 19 Jun 2024 18:42

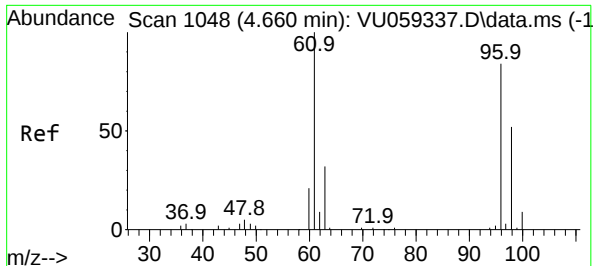
Tgt Ion: 43 Resp: 131741

Ion Ratio Lower Upper

43 100

72 33.3 13.8 41.4

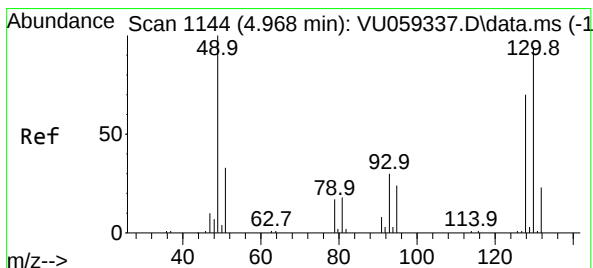
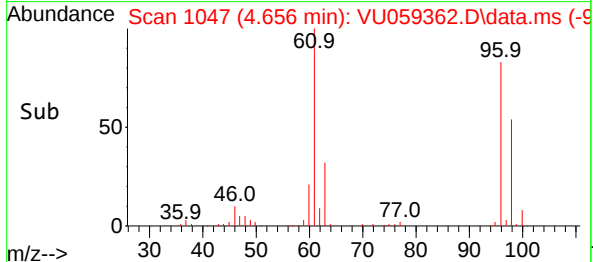
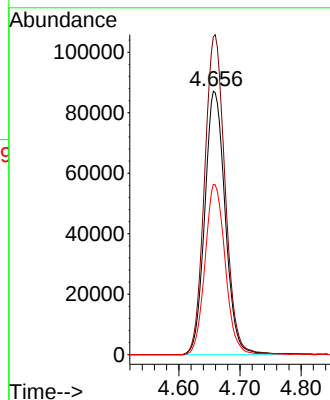
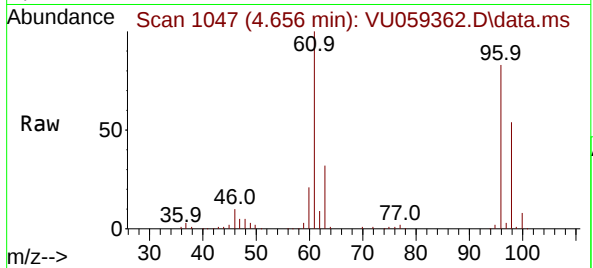




#22
 cis-1,2-Dichloroethene
 Concen: 17.133 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU059362.D
 Acq: 19 Jun 2024 18:42

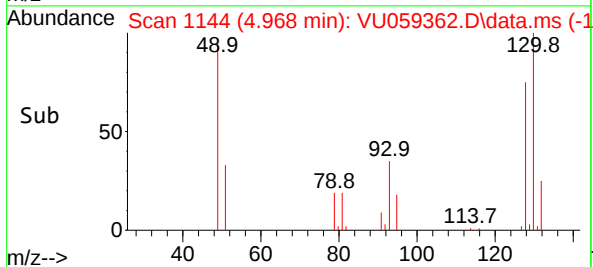
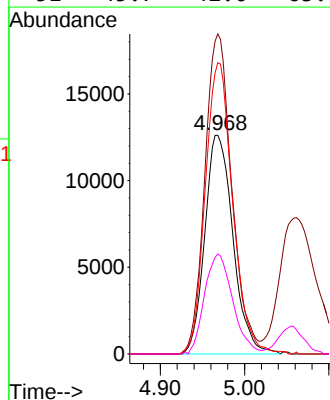
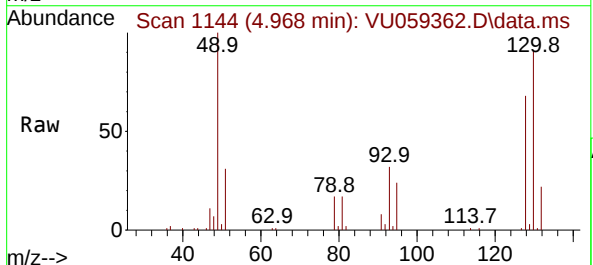
Instrument :
 MSVOA_U
 ClientSampleId :
 E1GB1MS

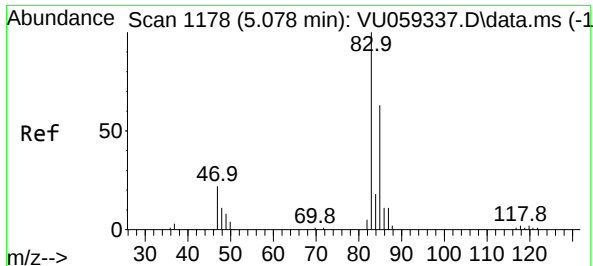
Tgt Ion: 96 Resp: 202080
 Ion Ratio Lower Upper
 96 100
 61 120.7 87.4 162.2
 98 64.6 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.451 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU059362.D
 Acq: 19 Jun 2024 18:42

Tgt Ion: 128 Resp: 29314
 Ion Ratio Lower Upper
 128 100
 49 146.3 117.0 217.4
 130 133.1 89.6 166.4
 51 45.7 42.0 63.0





#25

Chloroform

Concen: 5.430 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

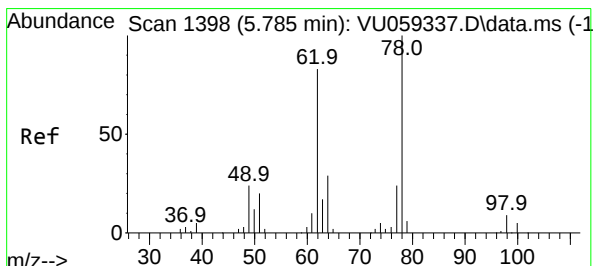
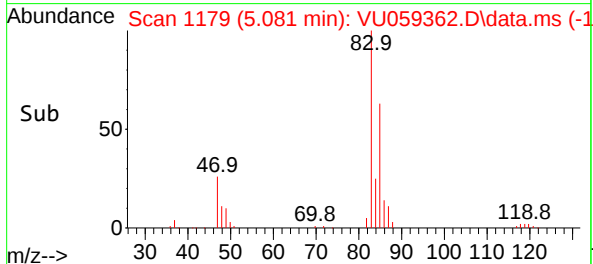
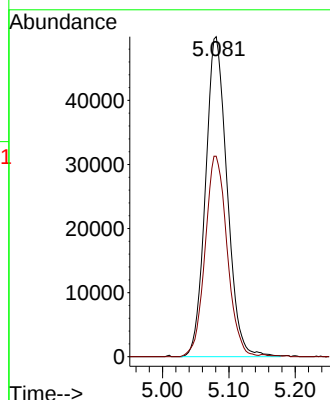
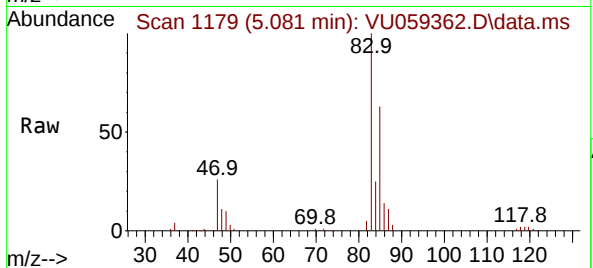
E1GB1MS

Tgt Ion: 83 Resp: 112859

Ion Ratio Lower Upper

83 100

85 62.7 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.359 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU059362.D

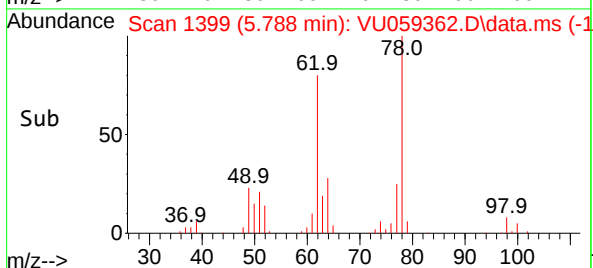
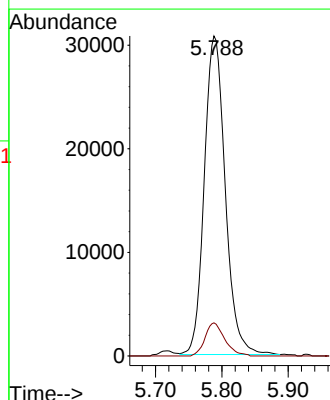
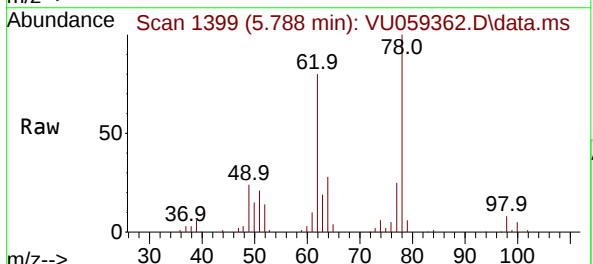
Acq: 19 Jun 2024 18:42

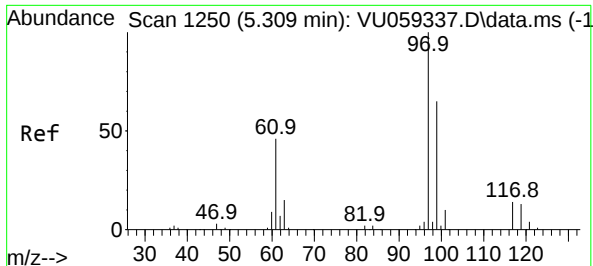
Tgt Ion: 62 Resp: 67499

Ion Ratio Lower Upper

62 100

98 10.4 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.068 ug/L

RT: 5.309 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MS

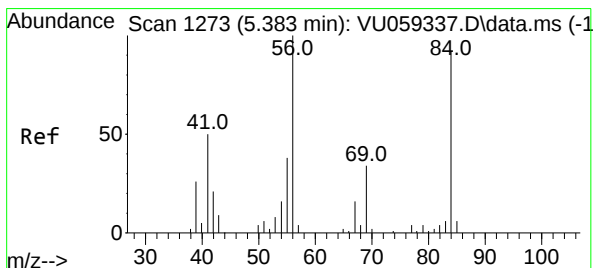
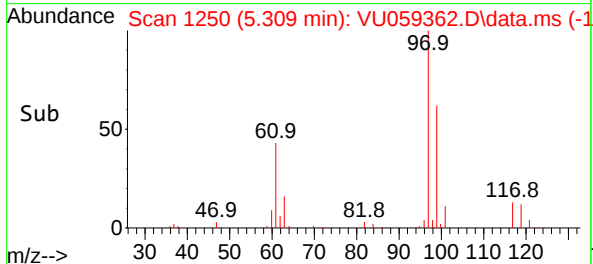
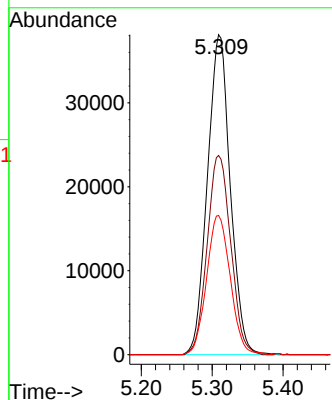
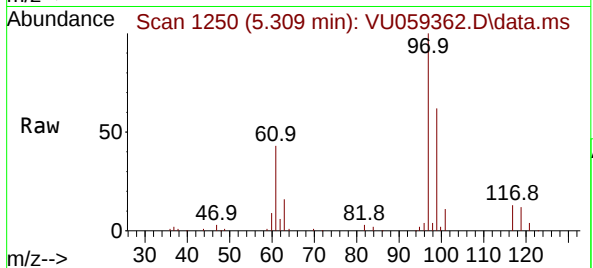
Tgt Ion: 97 Resp: 85447

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 45.1 37.4 56.2



#30

Cyclohexane

Concen: 4.871 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

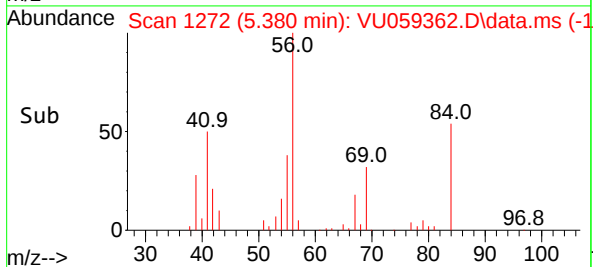
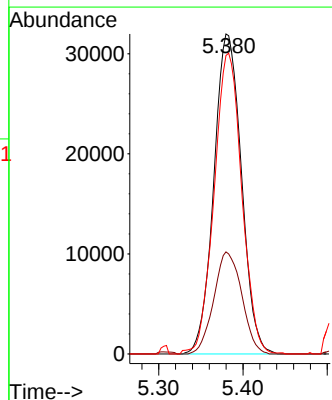
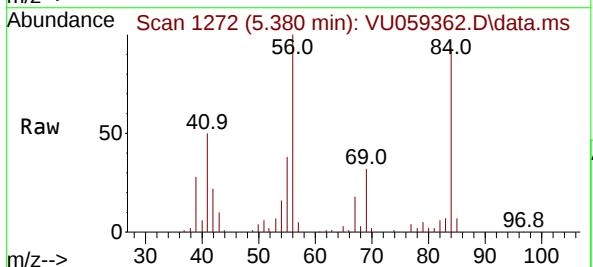
Tgt Ion: 56 Resp: 72509

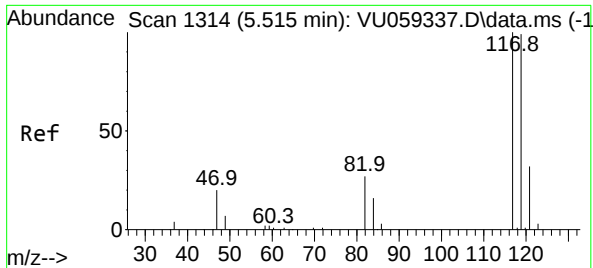
Ion Ratio Lower Upper

56 100

69 32.3 24.8 37.2

84 94.4 69.8 104.8

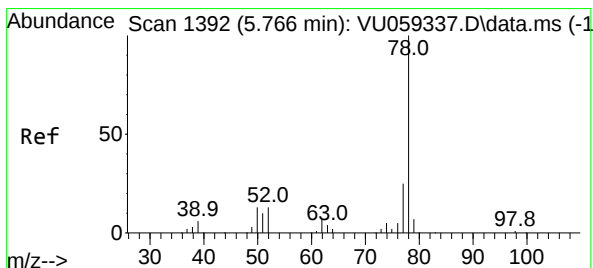
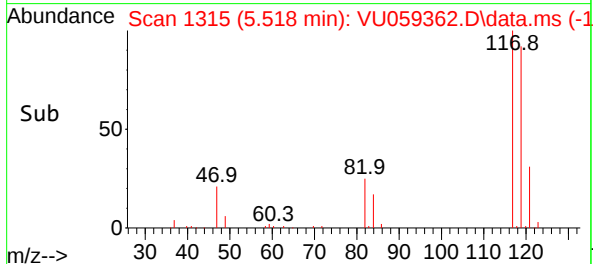
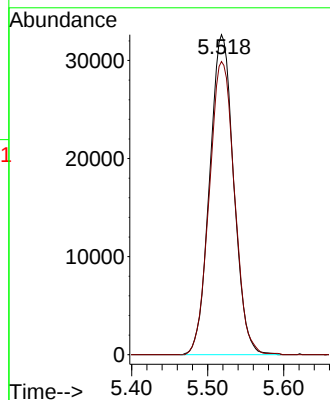
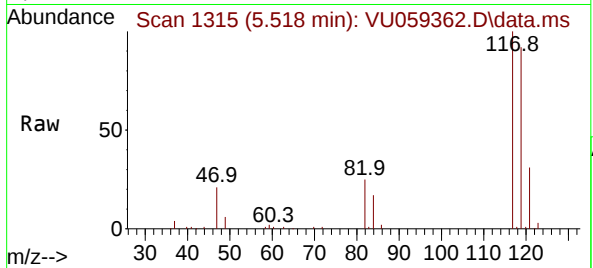




#31
Carbon tetrachloride
Concen: 5.085 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

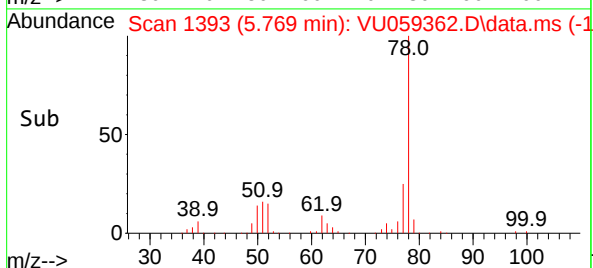
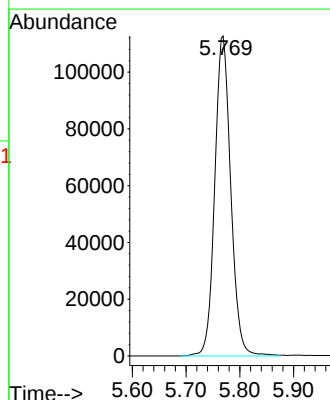
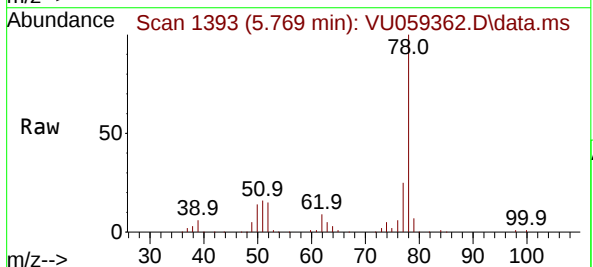
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

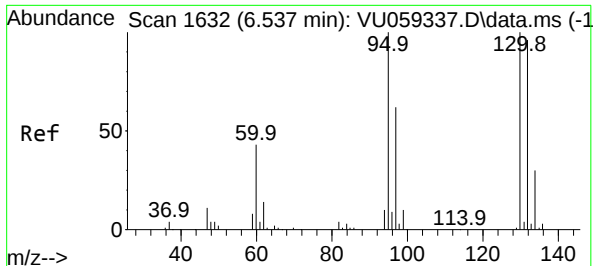
Tgt Ion:117 Resp: 71792
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#33
Benzene
Concen: 5.255 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion: 78 Resp: 233023

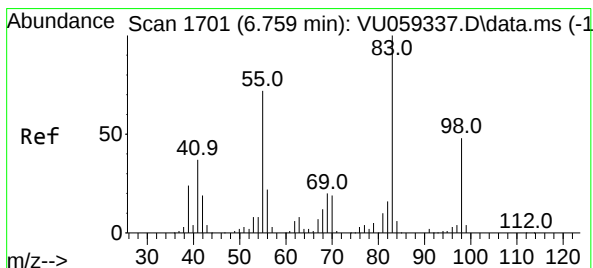
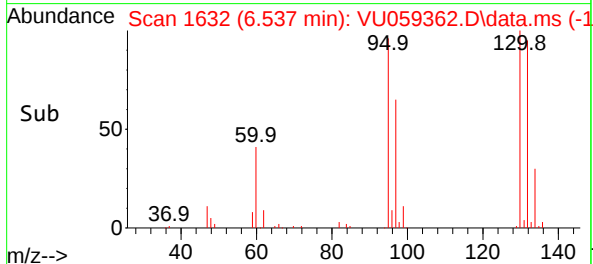
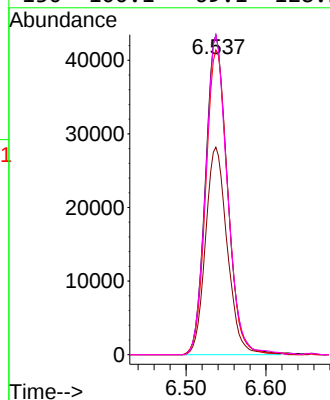
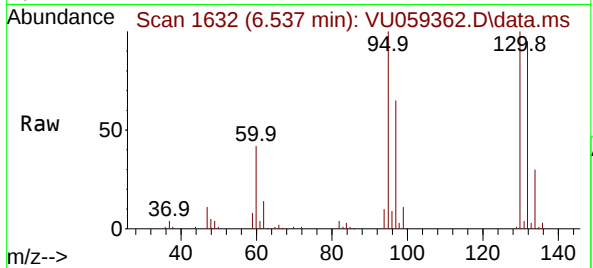




#34
Trichloroethene
Concen: 6.880 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

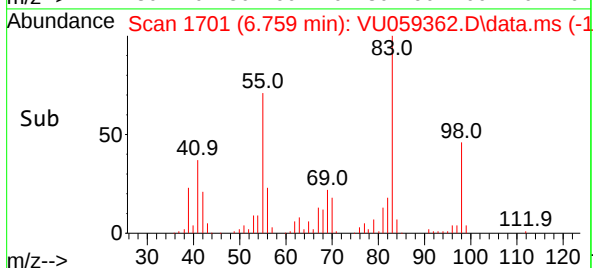
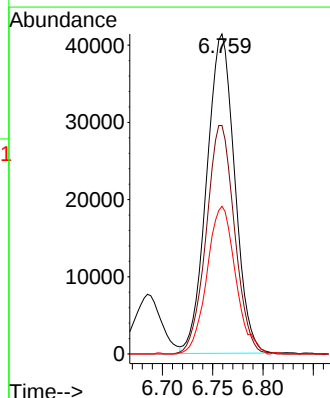
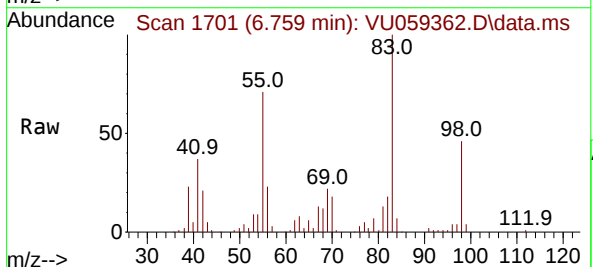
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

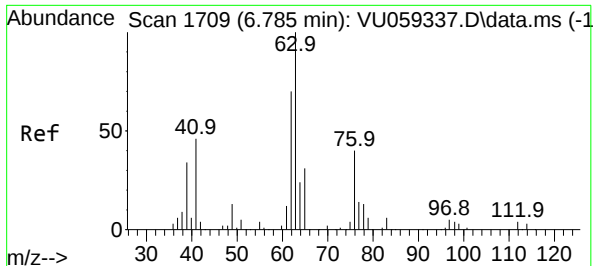
Tgt Ion: 95 Resp: 82621
Ion Ratio Lower Upper
95 100
97 64.9 45.3 84.1
132 95.3 64.0 119.0
130 100.1 69.1 128.3



#35
Methylcyclohexane
Concen: 4.690 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion: 83 Resp: 80137
Ion Ratio Lower Upper
83 100
55 72.4 62.7 94.1
98 47.3 35.4 53.0

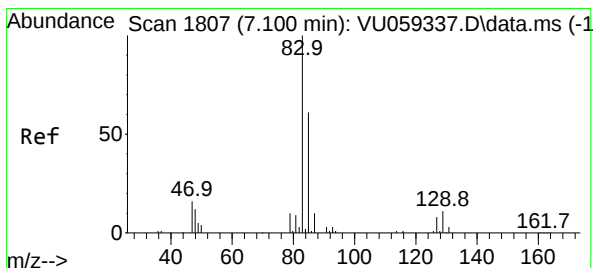
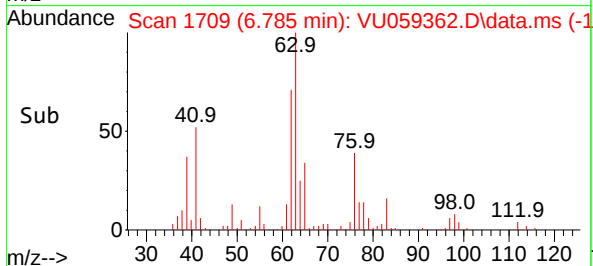
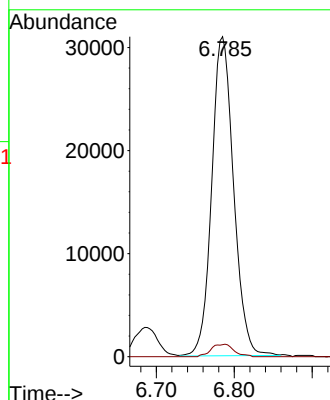
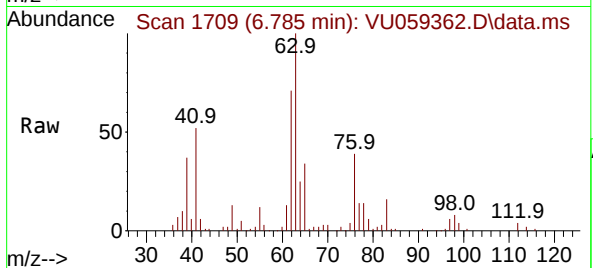




#37
1,2-Dichloropropane
Concen: 5.261 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

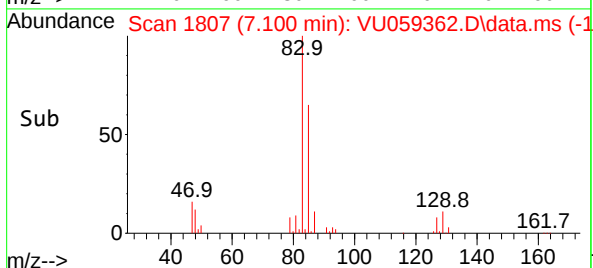
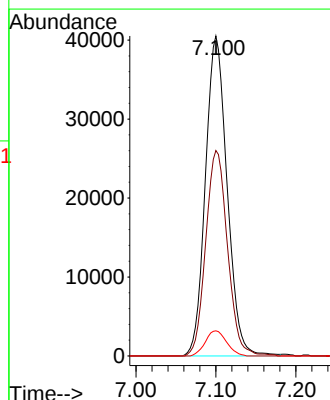
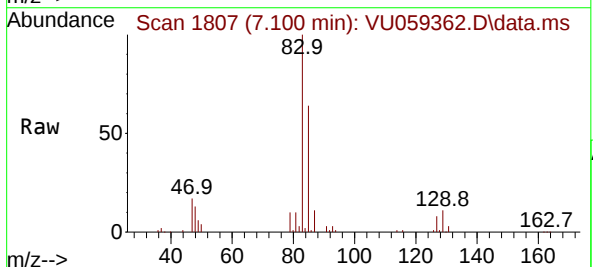
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

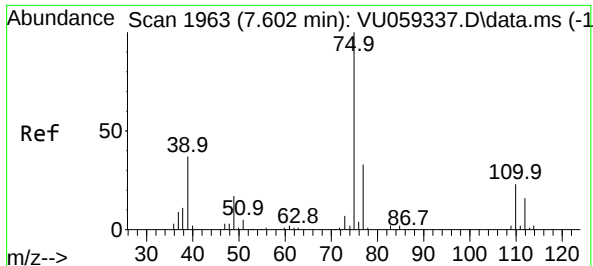
Tgt Ion: 63 Resp: 60369
Ion Ratio Lower Upper
63 100
112 4.1 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.342 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion: 83 Resp: 76516
Ion Ratio Lower Upper
83 100
85 64.2 42.7 79.3
127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.022 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

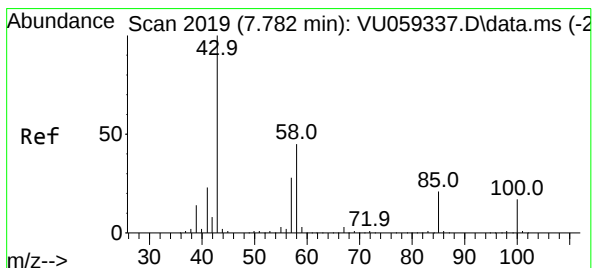
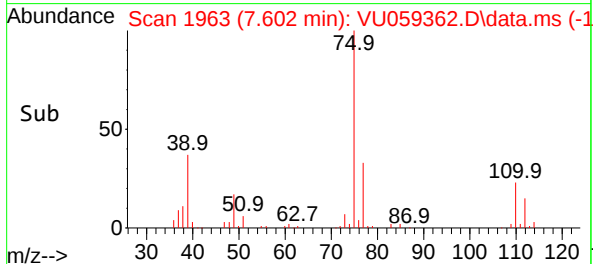
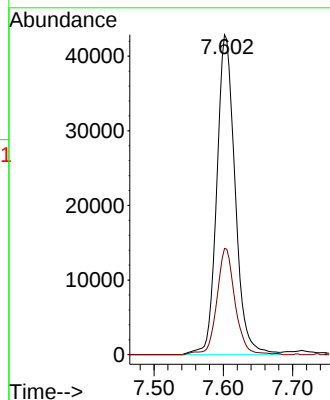
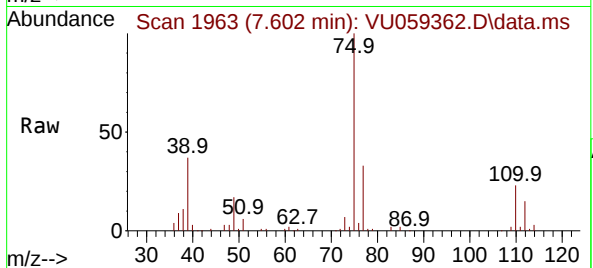
E1GB1MS

Tgt Ion: 75 Resp: 78815

Ion Ratio Lower Upper

75 100

77 33.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 60.345 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

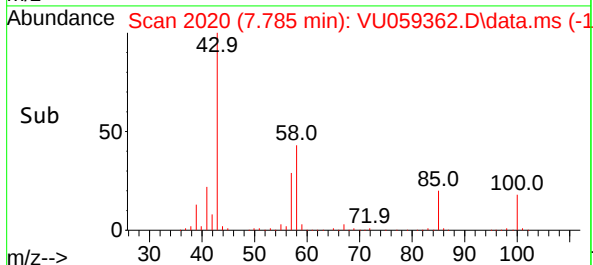
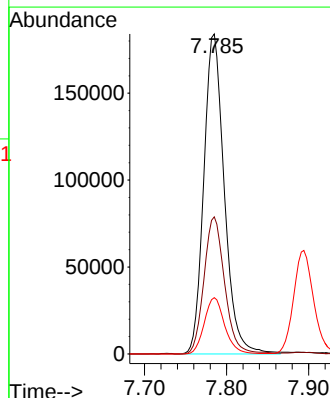
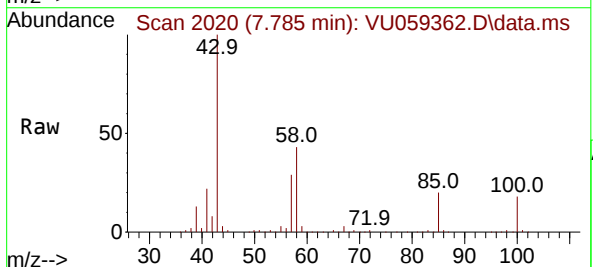
Tgt Ion: 43 Resp: 320858

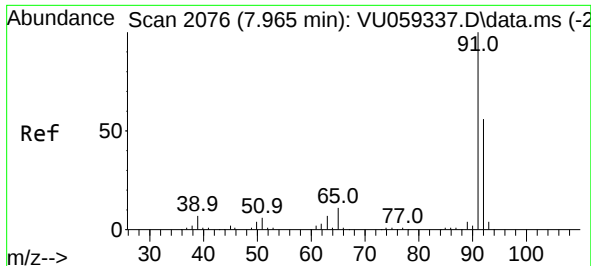
Ion Ratio Lower Upper

43 100

58 43.2 34.0 51.0

100 17.5 12.1 18.1





#42

Toluene

Concen: 5.666 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

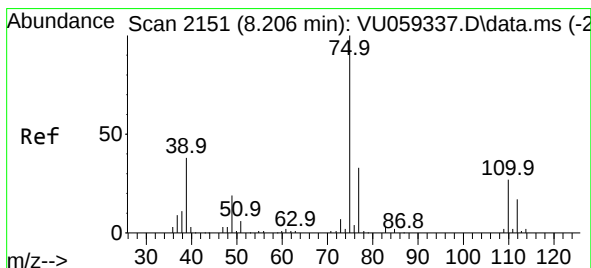
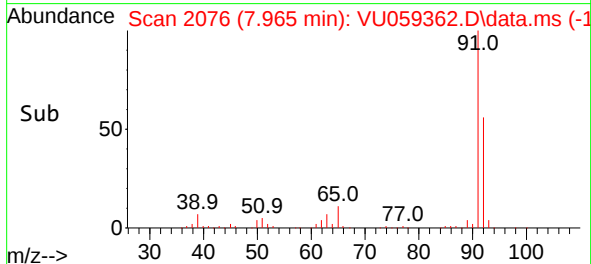
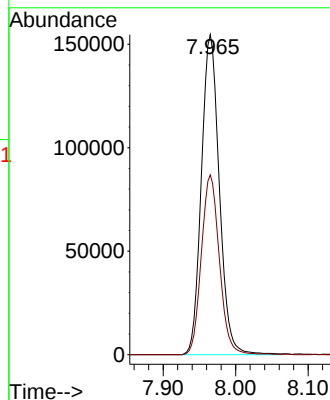
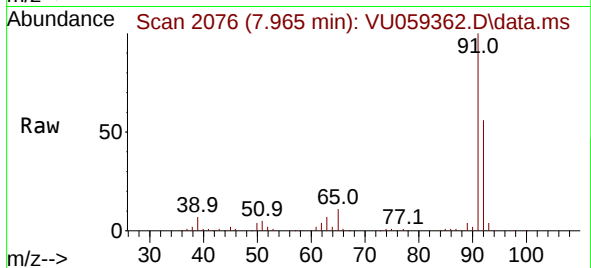
E1GB1MS

Tgt Ion: 91 Resp: 265966

Ion Ratio Lower Upper

91 100

92 56.2 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.258 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059362.D

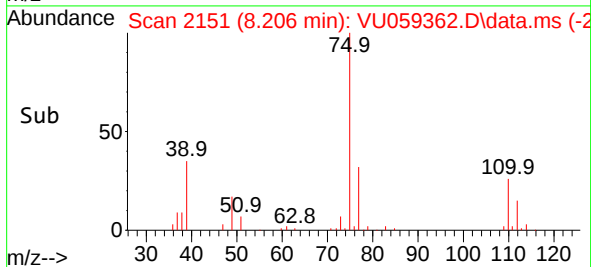
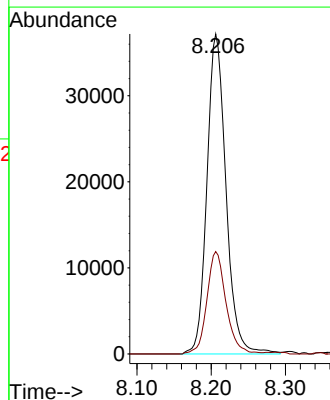
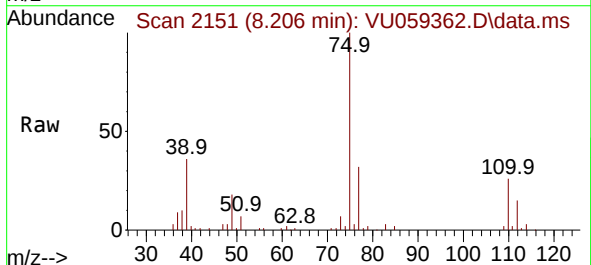
Acq: 19 Jun 2024 18:42

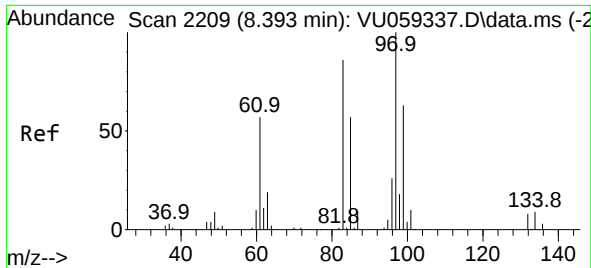
Tgt Ion: 75 Resp: 66233

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0

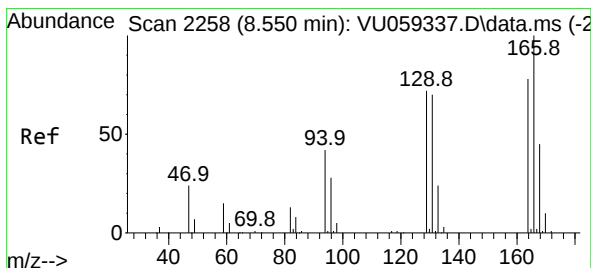
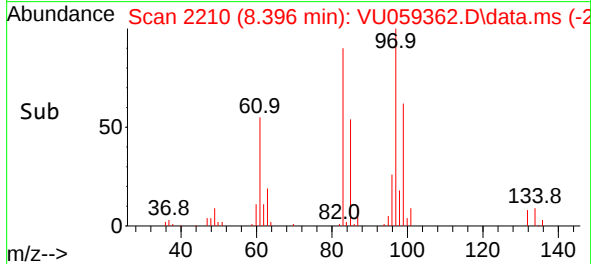
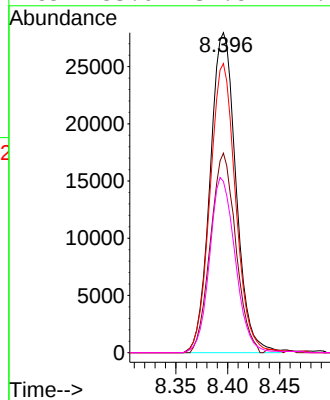
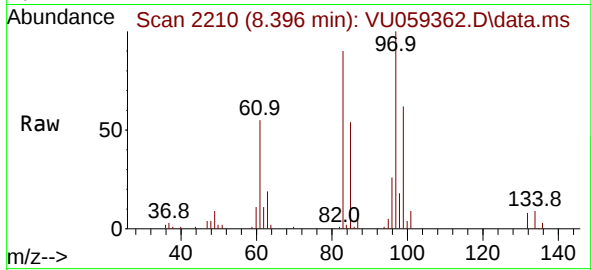




#45
1,1,2-Trichloroethane
Concen: 5.732 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

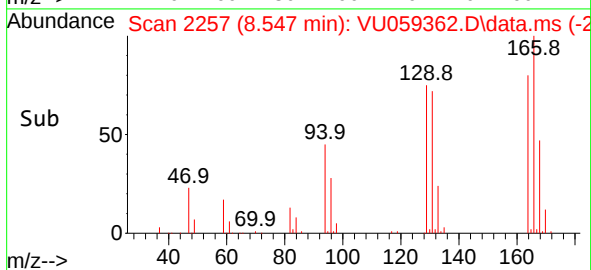
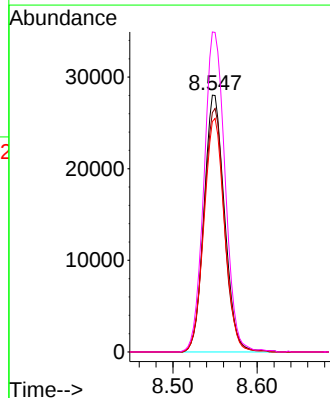
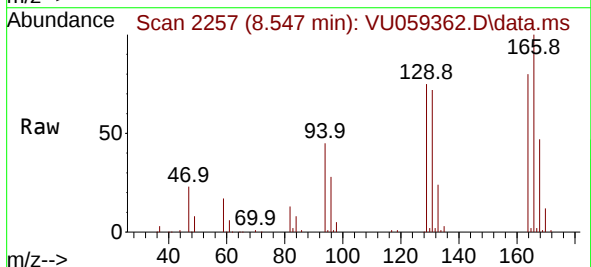
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

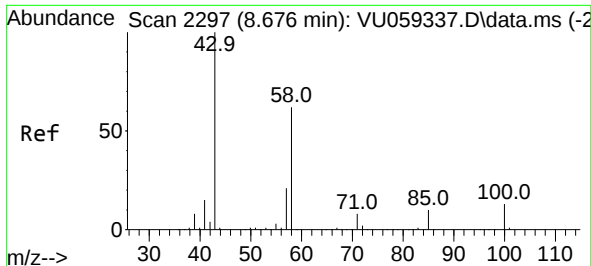
Tgt Ion:	97	Resp:	48471
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.3
83	90.3	62.3	115.7
85	53.6	39.8	74.0



#47
Tetrachloroethene
Concen: 5.105 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion:	164	Resp:	47566
Ion	Ratio	Lower	Upper
164	100		
129	93.2	70.8	131.4
131	89.8	64.8	120.3
166	124.6	91.1	169.1

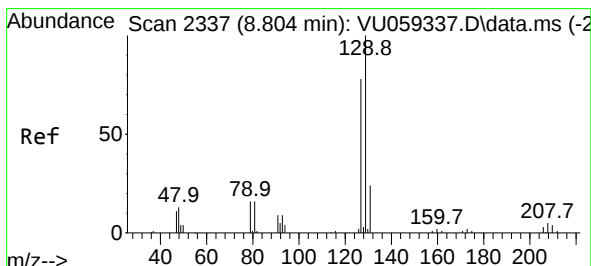
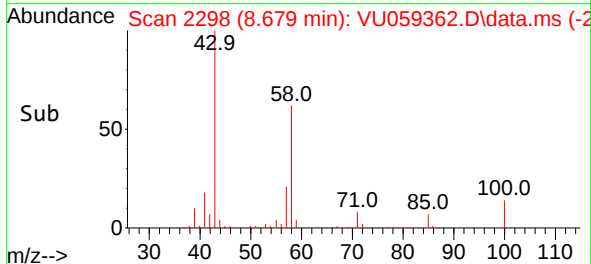
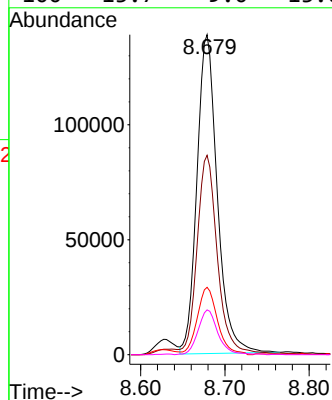
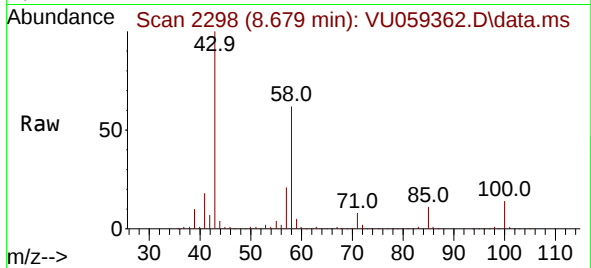




#48
2-Hexanone
Concen: 61.556 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

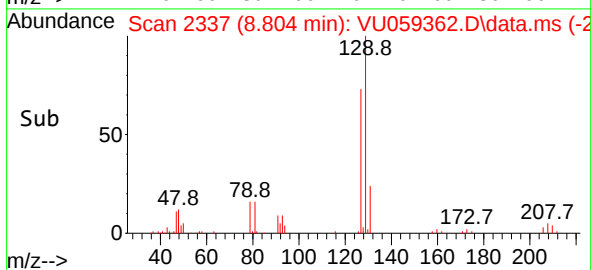
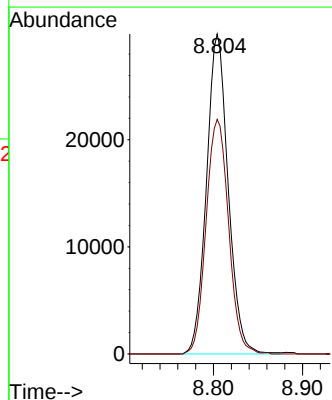
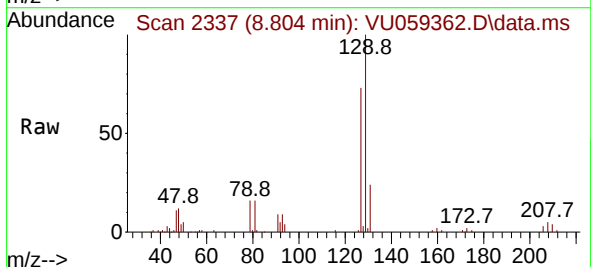
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

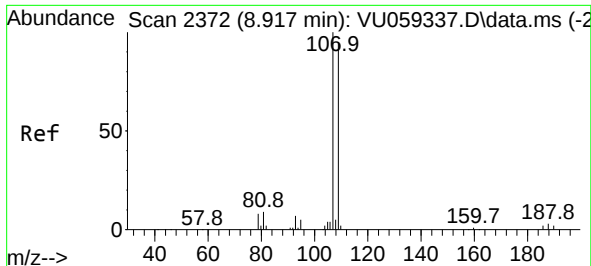
Tgt Ion: 43 Resp: 233587
Ion Ratio Lower Upper
43 100
58 61.5 46.1 69.1
57 21.1 15.5 23.3
100 13.7 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.403 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion:129 Resp: 50609
Ion Ratio Lower Upper
129 100
127 73.3 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.695 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MS

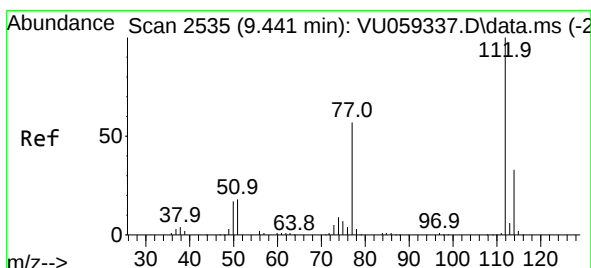
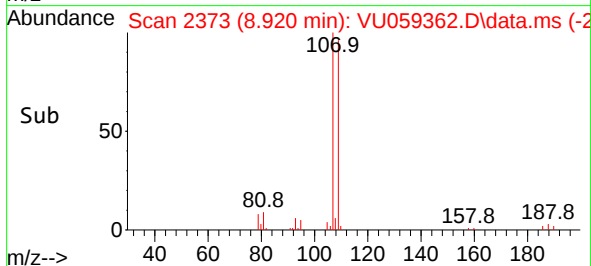
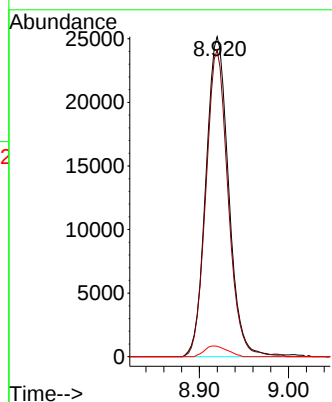
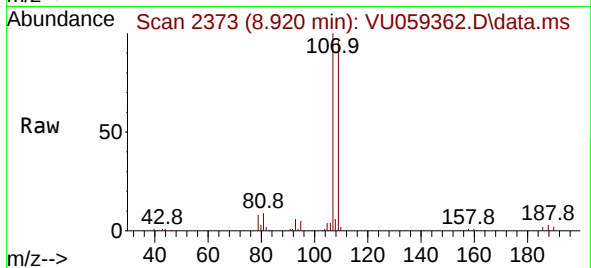
Tgt Ion:107 Resp: 44470

Ion Ratio Lower Upper

107 100

109 95.8 66.9 124.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 5.157 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

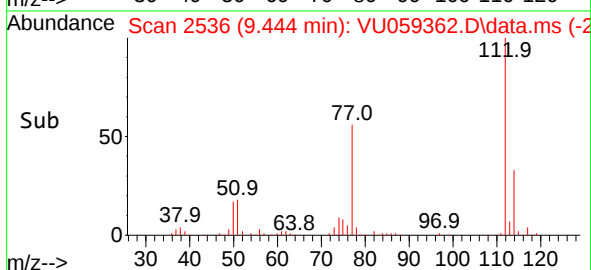
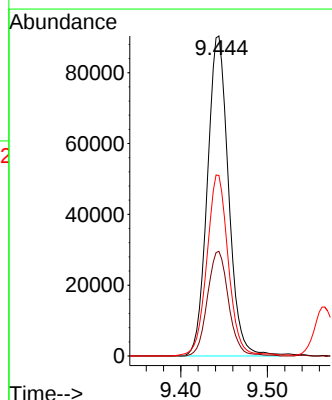
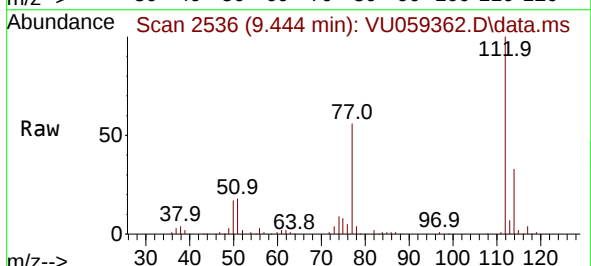
Tgt Ion:112 Resp: 153553

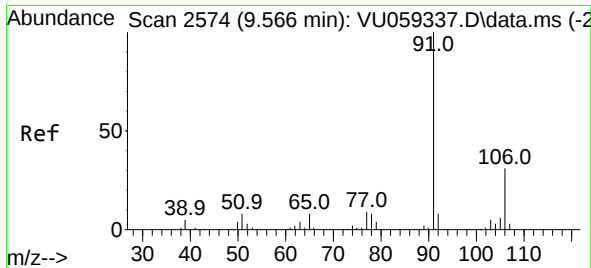
Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

77 56.4 49.1 73.7

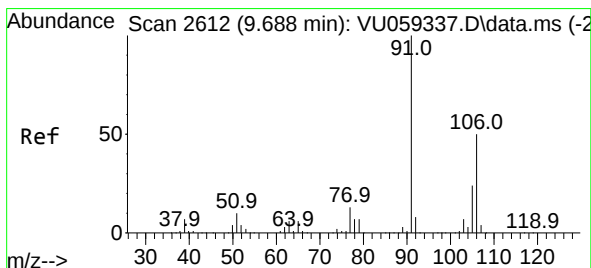
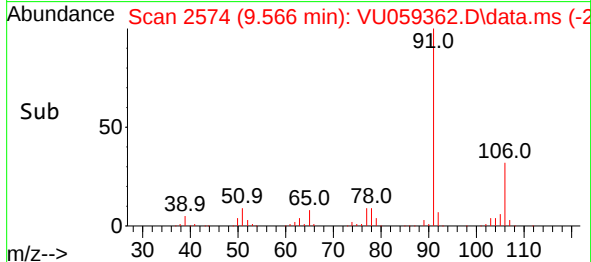
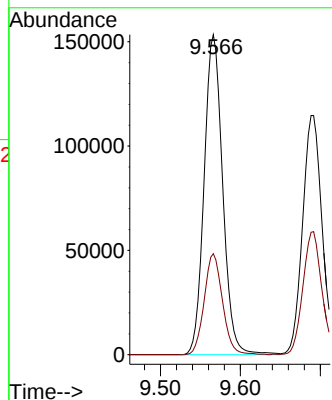
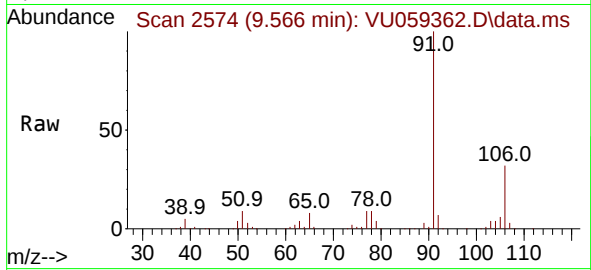




#52
Ethylbenzene
Concen: 5.148 ug/L
RT: 9.566 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

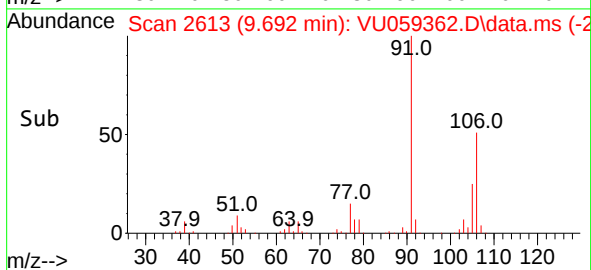
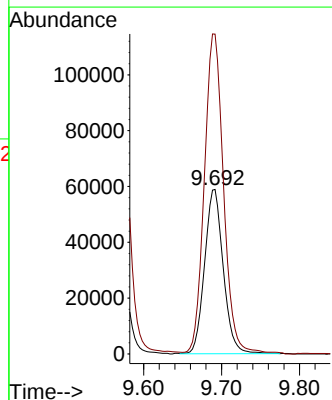
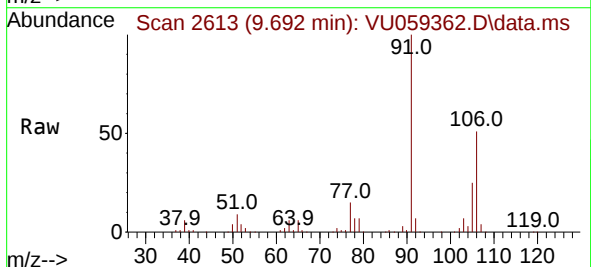
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

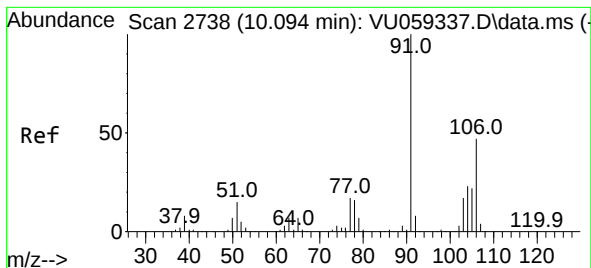
Tgt Ion: 91 Resp: 247908
Ion Ratio Lower Upper
91 100
106 31.6 20.9 38.7



#53
m,p-Xylene
Concen: 5.288 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion: 106 Resp: 97799
Ion Ratio Lower Upper
106 100
91 194.4 142.0 263.8





#54

o-Xylene

Concen: 5.241 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

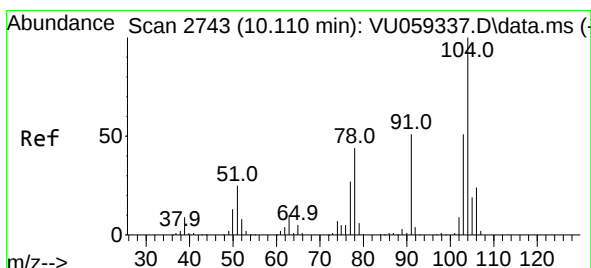
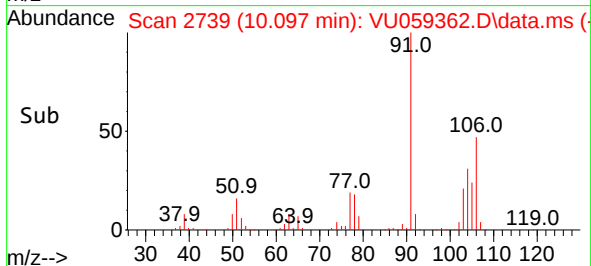
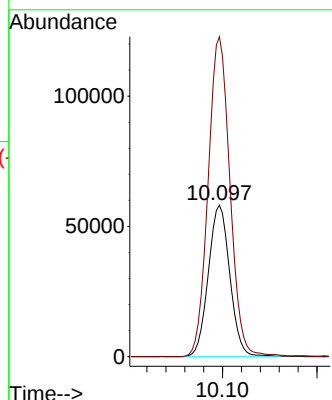
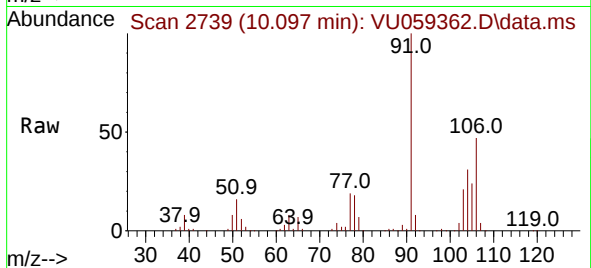
E1GB1MS

Tgt Ion:106 Resp: 91994

Ion Ratio Lower Upper

106 100

91 211.1 151.6 281.6



#55

Styrene

Concen: 5.229 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059362.D

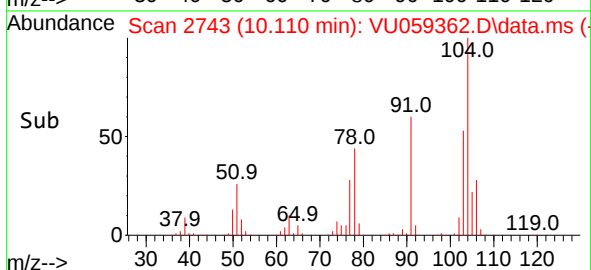
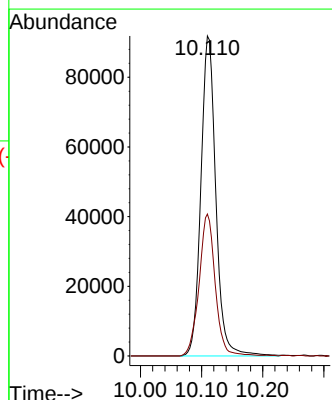
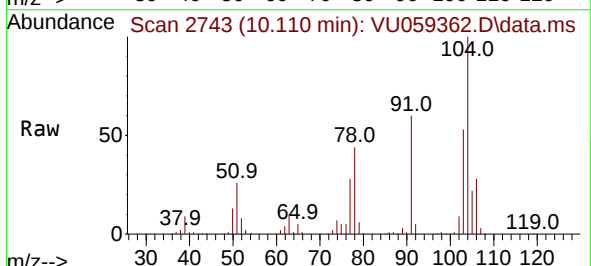
Acq: 19 Jun 2024 18:42

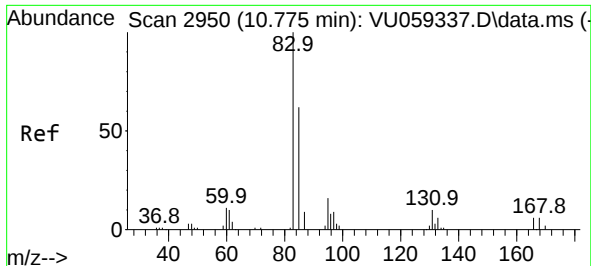
Tgt Ion:104 Resp: 156248

Ion Ratio Lower Upper

104 100

78 44.3 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.516 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MS

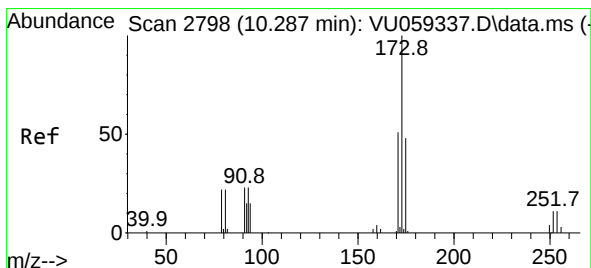
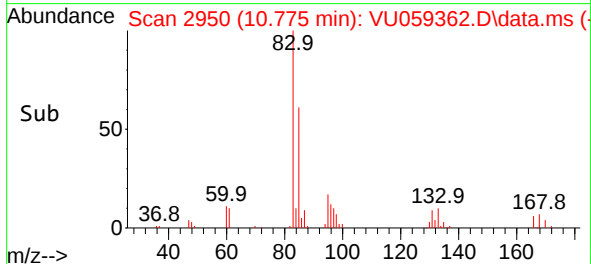
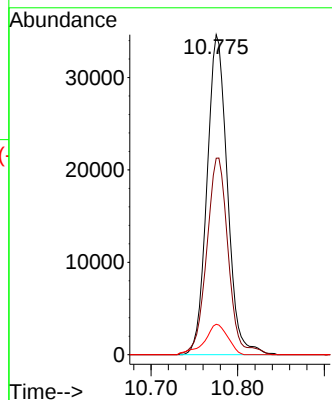
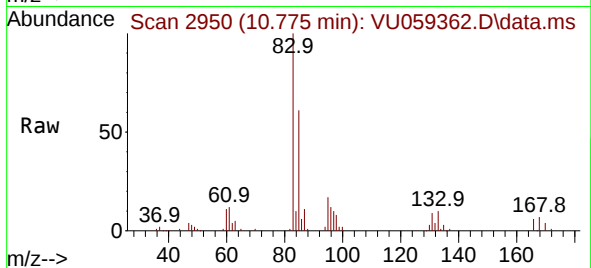
Tgt Ion: 83 Resp: 56580

Ion Ratio Lower Upper

83 100

85 61.4 44.7 82.9

131 9.5 6.9 10.3



#59

Bromoform

Concen: 5.263 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

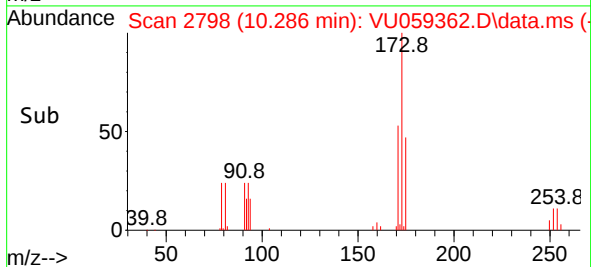
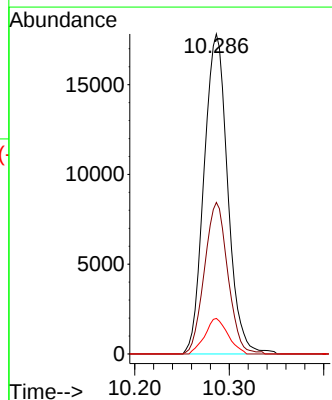
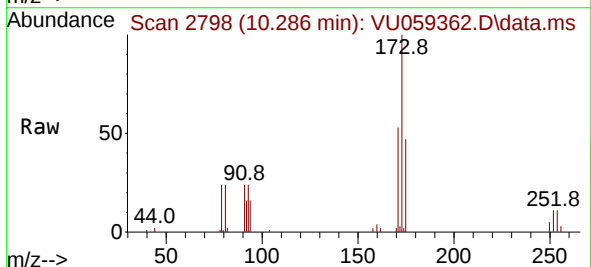
Tgt Ion: 173 Resp: 30953

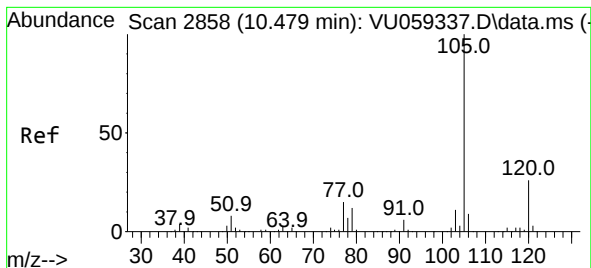
Ion Ratio Lower Upper

173 100

175 46.9 39.4 59.2

254 10.8 7.4 11.2





#60

Isopropylbenzene

Concen: 5.031 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MS

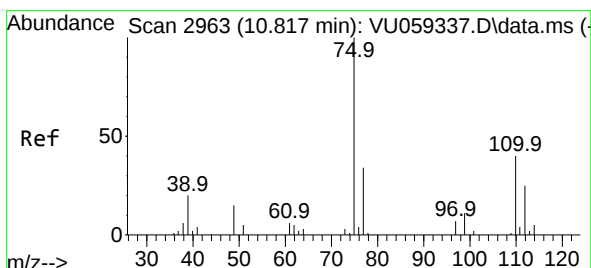
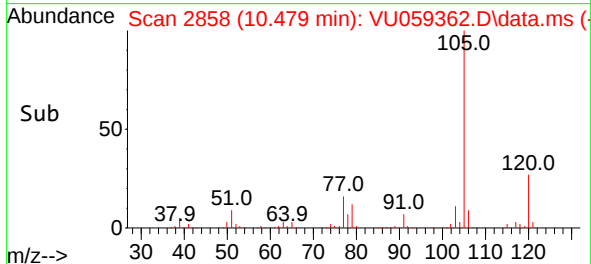
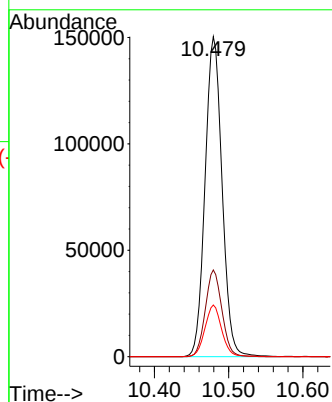
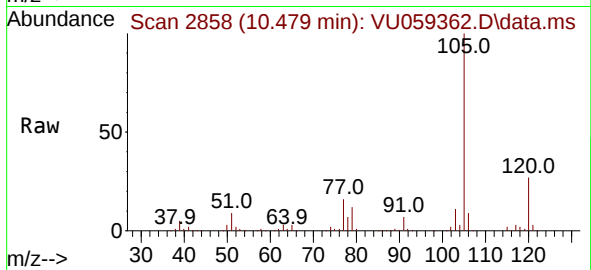
Tgt Ion:105 Resp: 238805

Ion Ratio Lower Upper

105 100

120 26.4 20.6 31.0

77 15.9 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.737 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

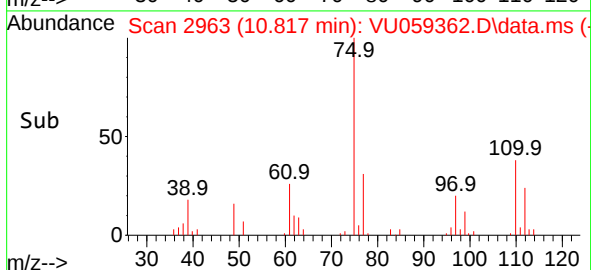
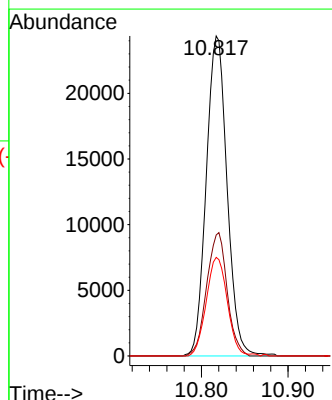
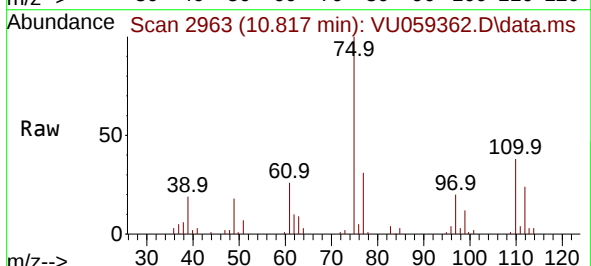
Tgt Ion: 75 Resp: 40737

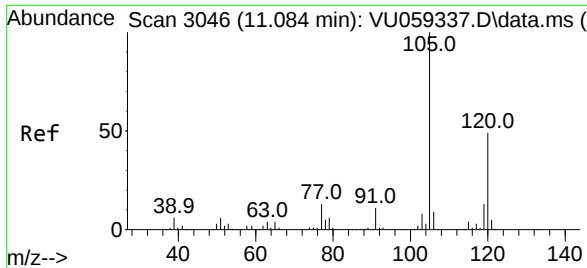
Ion Ratio Lower Upper

75 100

110 38.0 27.1 40.7

77 31.3 25.4 38.2

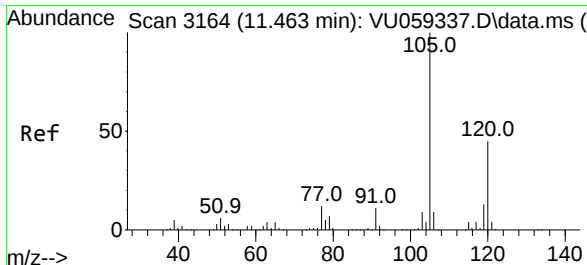
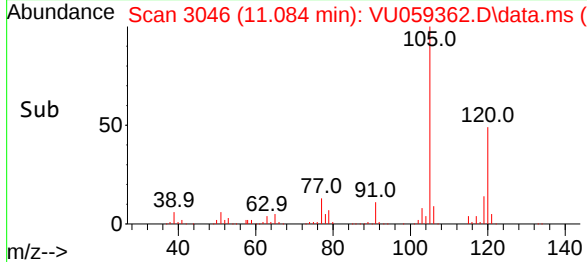
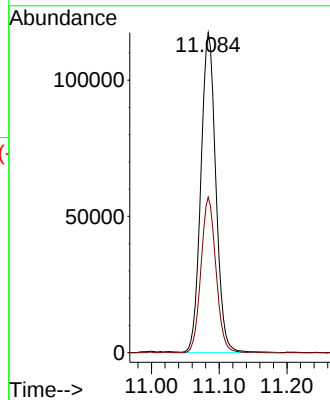
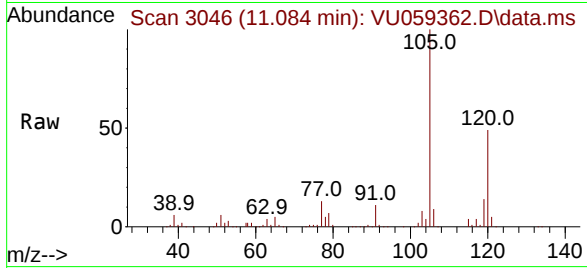




#62
1,3,5-Trimethylbenzene
Concen: 4.801 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

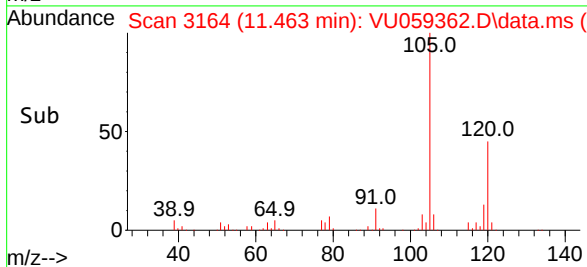
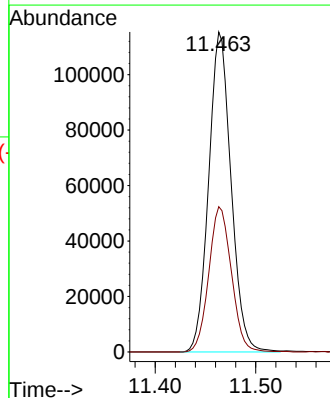
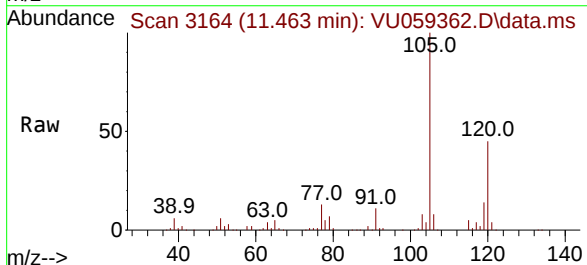
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

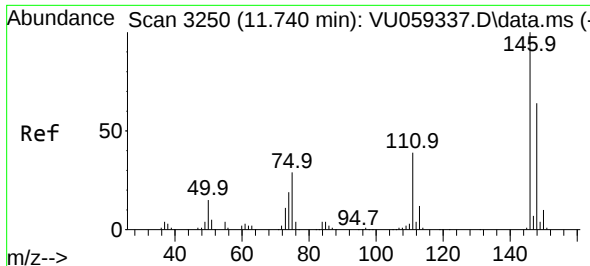
Tgt Ion:105 Resp: 180547
Ion Ratio Lower Upper
105 100
120 48.4 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.961 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion:105 Resp: 178349
Ion Ratio Lower Upper
105 100
120 45.9 35.4 53.0

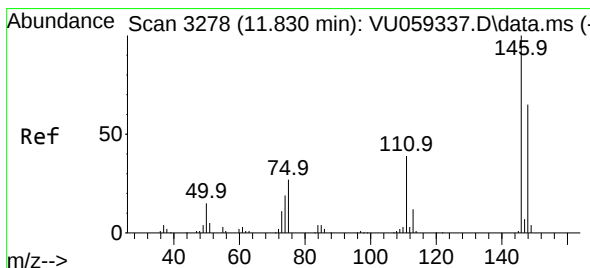
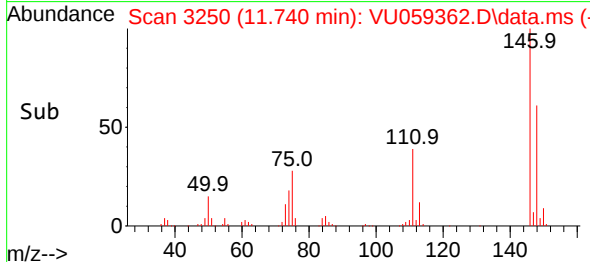
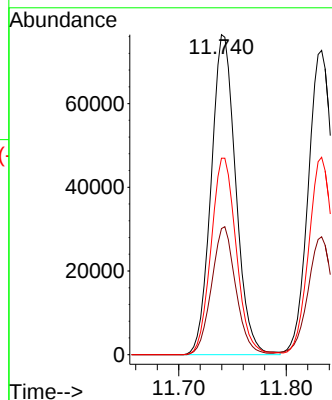
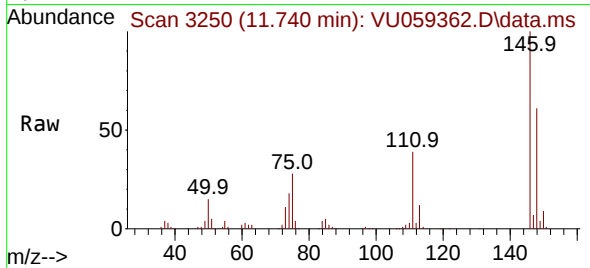




#64
1,3-Dichlorobenzene
Concen: 5.038 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

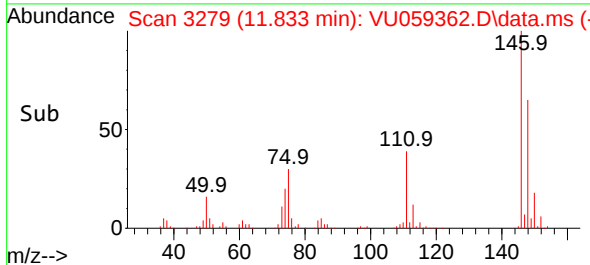
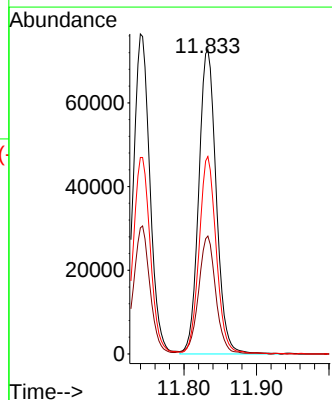
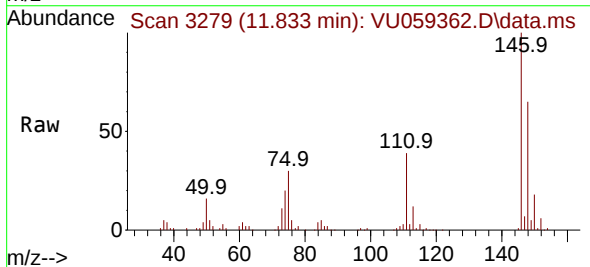
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MS

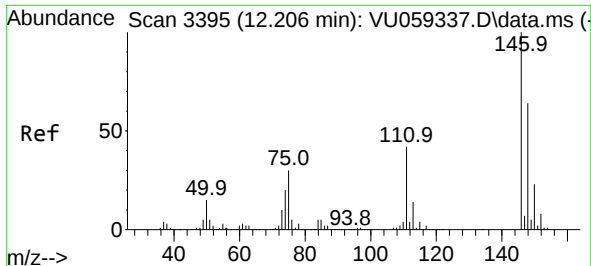
Tgt Ion:146 Resp: 121641
Ion Ratio Lower Upper
146 100
111 39.4 27.4 51.0
148 61.4 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 4.914 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU059362.D
Acq: 19 Jun 2024 18:42

Tgt Ion:146 Resp: 122113
Ion Ratio Lower Upper
146 100
111 38.7 26.9 50.1
148 64.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.075 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MS

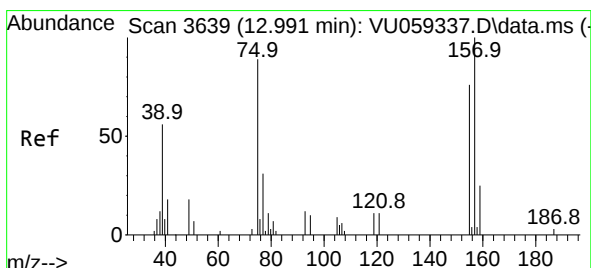
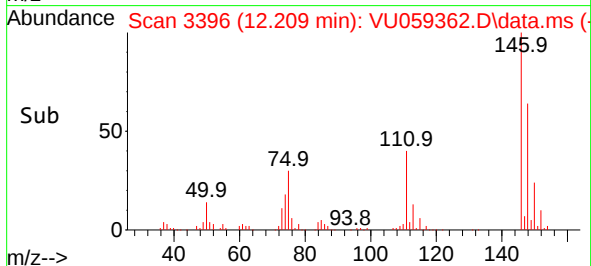
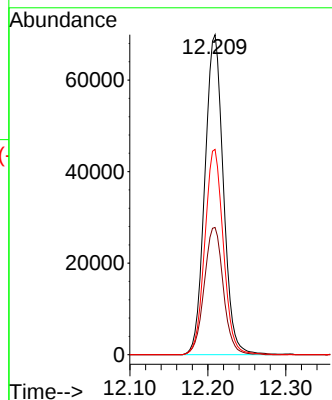
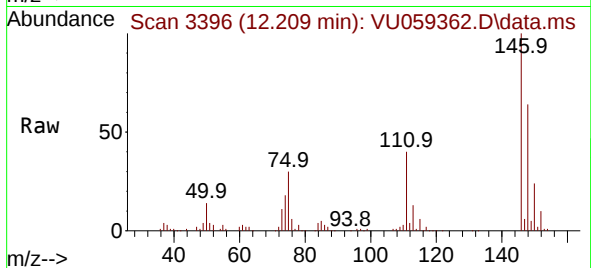
Tgt Ion:146 Resp: 115306

Ion Ratio Lower Upper

146 100

111 39.8 33.4 50.0

148 64.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.276 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

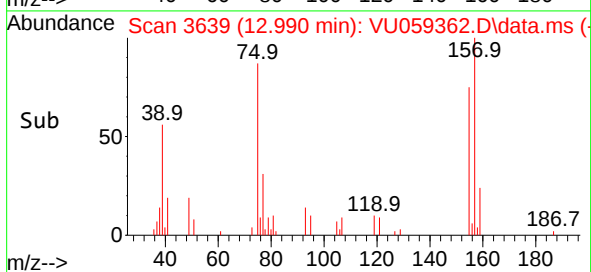
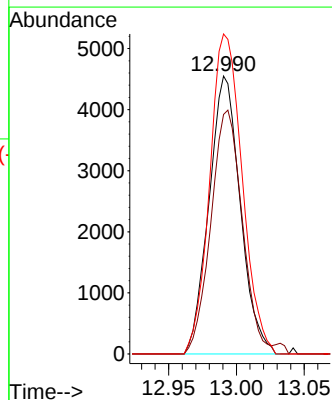
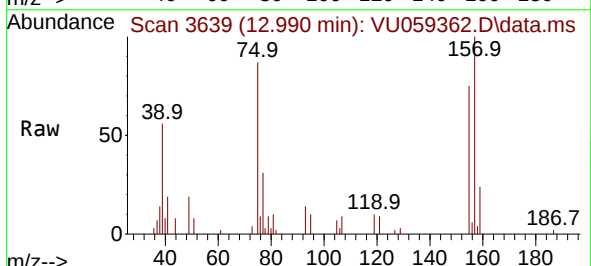
Tgt Ion: 75 Resp: 7308

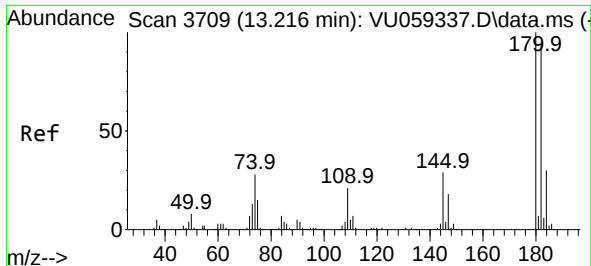
Ion Ratio Lower Upper

75 100

155 86.2 58.2 87.2

157 115.2 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.413 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MS

Tgt Ion:180 Resp: 78860

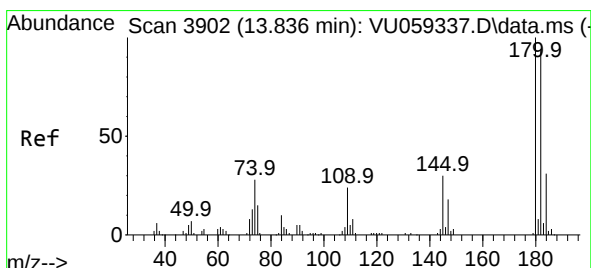
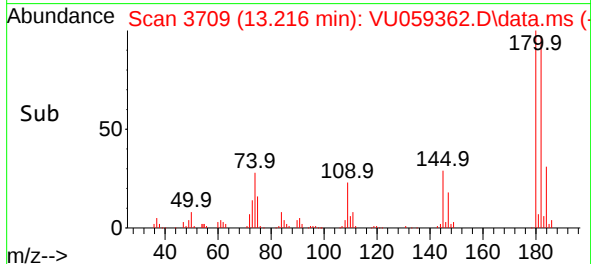
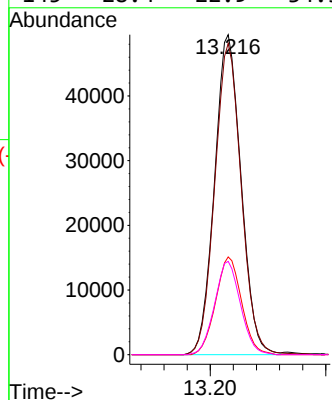
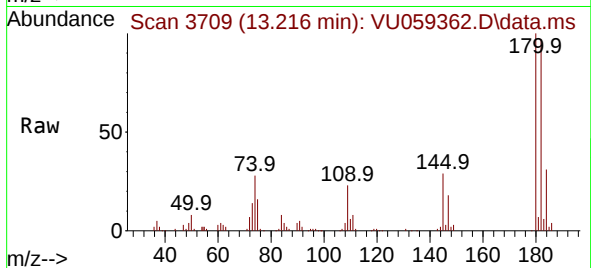
Ion Ratio Lower Upper

180 100

182 97.0 75.4 113.0

184 29.9 23.0 34.6

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.473 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

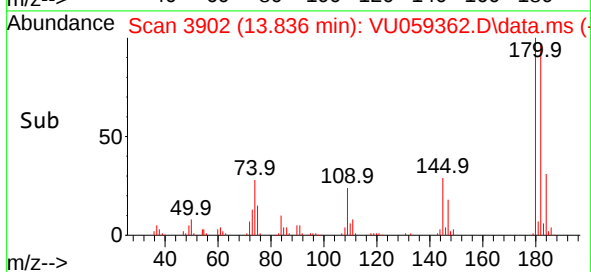
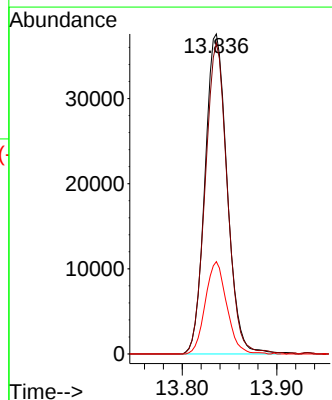
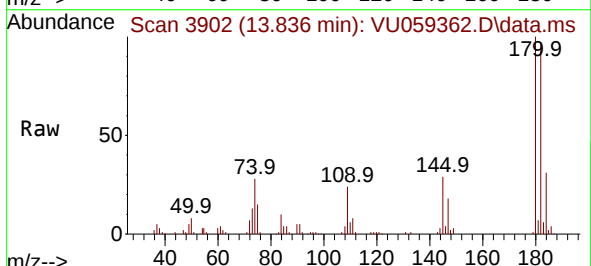
Tgt Ion:180 Resp: 61325

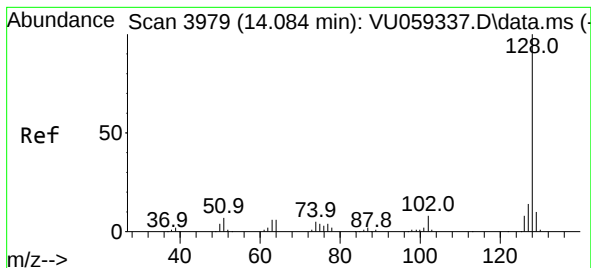
Ion Ratio Lower Upper

180 100

182 96.5 74.9 112.3

145 27.9 23.9 35.9





#71

Naphthalene

Concen: 4.760 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MS

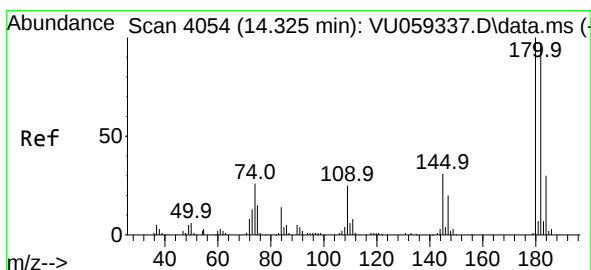
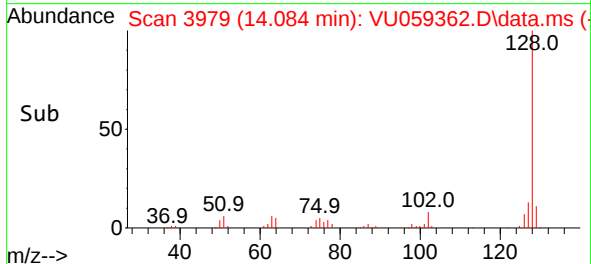
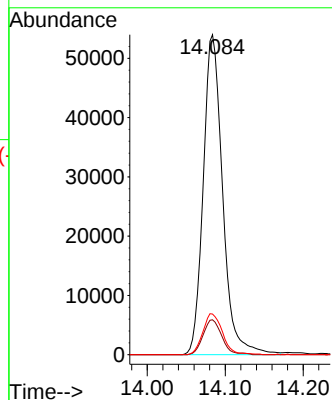
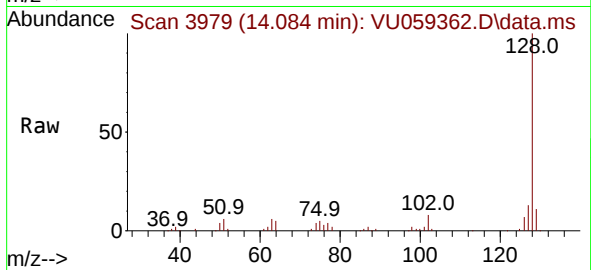
Tgt Ion:128 Resp: 93399

Ion Ratio Lower Upper

128 100

129 10.6 8.2 12.4

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.641 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059362.D

Acq: 19 Jun 2024 18:42

Tgt Ion:180 Resp: 59084

Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.6

145 30.9 26.2 39.4

