

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059822.D
 Acq On : 04 Jul 2024 01:17
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:15:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	225043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	68638	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	58426	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	27081	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.621	46	147455	45.746	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.500%
24) Chloroform-d	5.055	84	132468	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.695	65	63715	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.718	84	269368	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	80661	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	256529	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	29365	4.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	129850	52.856	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	66192	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	93898	4.536	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	75099	3.938	ug/L	99
3) Chloromethane	1.515	50	84973	4.140	ug/L	100
5) Vinyl chloride	1.599	62	110043	4.854	ug/L	98
6) Bromomethane	1.853	94	55765	3.537	ug/L	95
8) Chloroethane	1.930	64	59795	4.377	ug/L	97
9) Trichlorofluoromethane	2.132	101	123027	4.508	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	74599	4.318	ug/L	92
12) 1,1-Dichloroethene	2.573	96	73096	4.580	ug/L	86
13) Acetone	2.634	43	89433	42.772	ug/L	95
14) Carbon disulfide	2.788	76	218411	4.102	ug/L	100
15) Methyl Acetate	2.949	43	25426	4.608	ug/L	92
16) Methylene chloride	3.039	84	81937	4.332	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	173336	5.040	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	75979	4.577	ug/L	91
19) 1,1-Dichloroethane	3.859	63	140572	4.592	ug/L	99
21) 2-Butanone	4.701	43	165587	49.374	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	90400	4.941	ug/L	93
23) Bromochloromethane	4.965	128	39296	4.711	ug/L	86
25) Chloroform	5.081	83	147747	4.583	ug/L	100

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:15:43 2024
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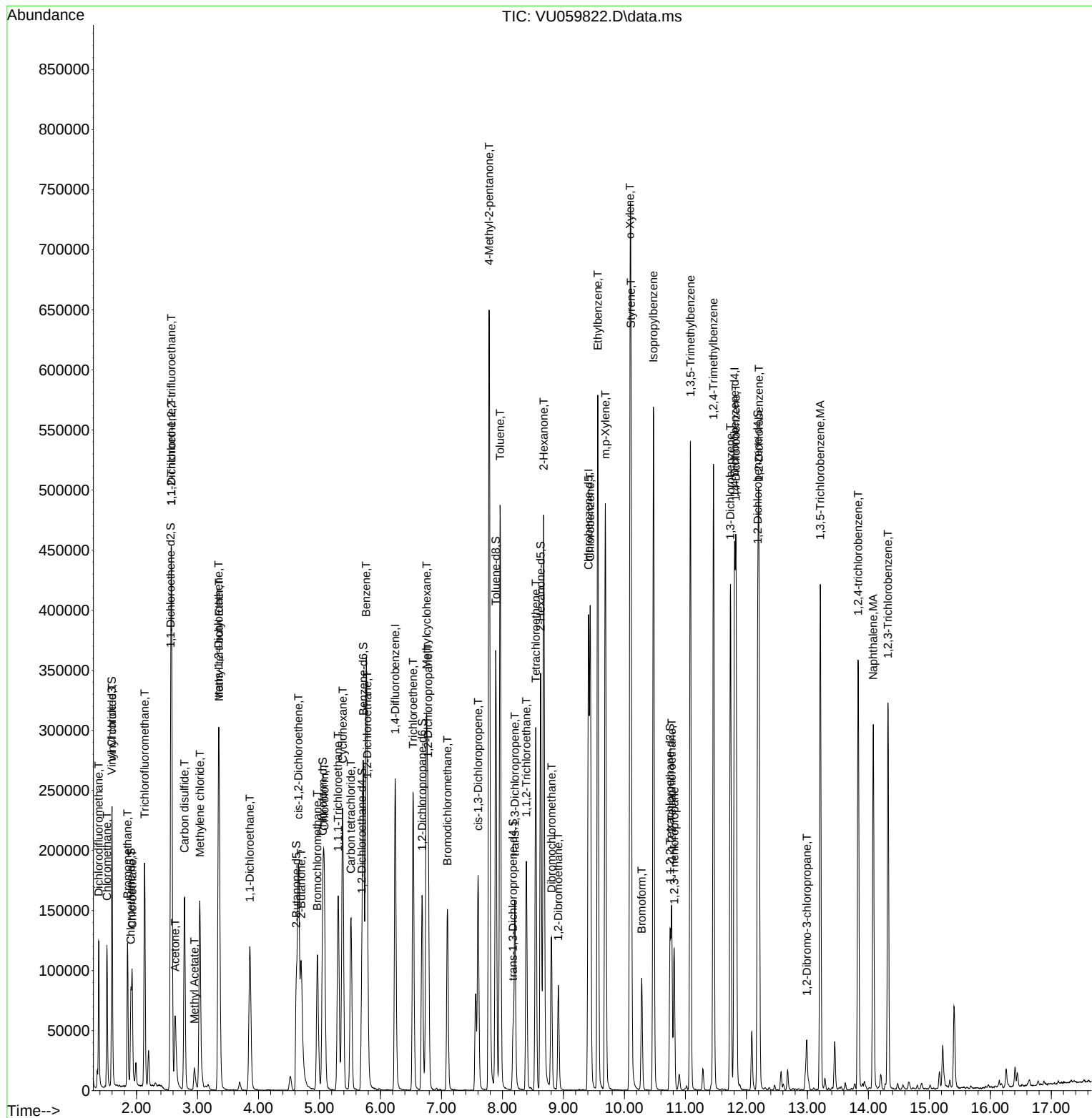
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	87511	4.479	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	121436	4.697	ug/L	97
30) Cyclohexane	5.380	56	117898	5.165	ug/L	94
31) Carbon tetrachloride	5.515	117	101562	4.692	ug/L	99
33) Benzene	5.766	78	329111	4.840	ug/L	100
34) Trichloroethene	6.534	95	87018	4.726	ug/L	96
35) Methylcyclohexane	6.756	83	125959	4.808	ug/L	94
37) 1,2-Dichloropropane	6.782	63	84328	4.793	ug/L #	98
38) Bromodichloromethane	7.097	83	103098	4.694	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	112273	4.666	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	408358	50.086	ug/L	96
42) Toluene	7.962	91	367193	5.101	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	92450	4.787	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	61365	4.733	ug/L	99
47) Tetrachloroethene	8.547	164	70503	4.934	ug/L	96
48) 2-Hexanone	8.676	43	293657	50.467	ug/L #	94
49) Dibromochloromethane	8.804	129	67262	4.683	ug/L	96
50) 1,2-Dibromoethane	8.917	107	57586	4.809	ug/L	98
51) Chlorobenzene	9.441	112	227083	4.974	ug/L	94
52) Ethylbenzene	9.563	91	417461	5.653	ug/L	97
53) m,p-Xylene	9.688	106	147766	5.210	ug/L	95
54) o-Xylene	10.094	106	140445	5.218	ug/L	95
55) Styrene	10.110	104	235535	5.141	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	74306	4.724	ug/L	99
59) Bromoform	10.283	173	42994	4.830	ug/L #	98
60) Isopropylbenzene	10.476	105	371831	5.175	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	50603	4.708	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	297851	5.233	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	294489	5.411	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	185237	5.069	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	179684	4.777	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	172101	5.004	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	10857	5.179	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	138785	5.130	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	116689	5.623	ug/L	97
71) Naphthalene	14.081	128	249990	8.417	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	104808	5.440	ug/L	98

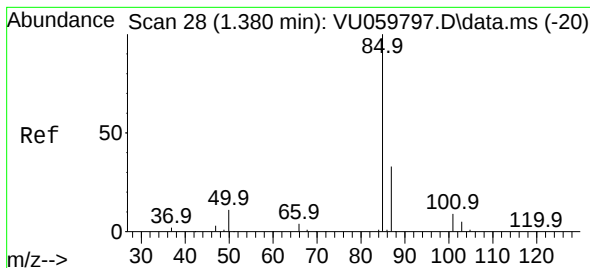
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Data File : VU059822.D
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ALS Vial : 24 Sample Multiplier: 1

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#2

Dichlorodifluoromethane

Concen: 3.938 ug/L

RT: 1.380 min Scan# 20

Delta R.T. -0.000 min MSVOA_U

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

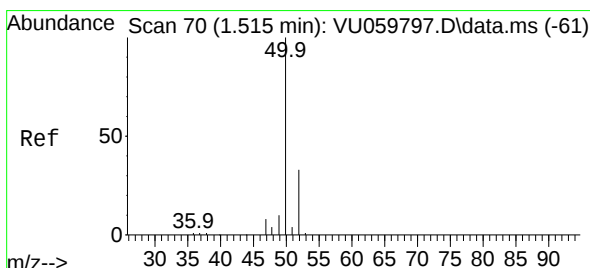
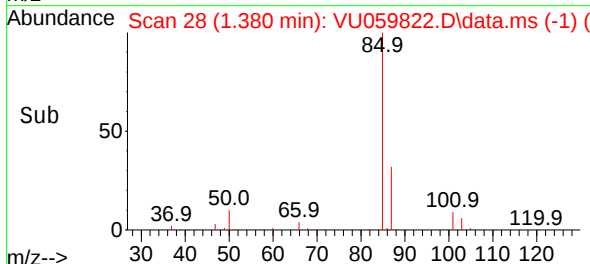
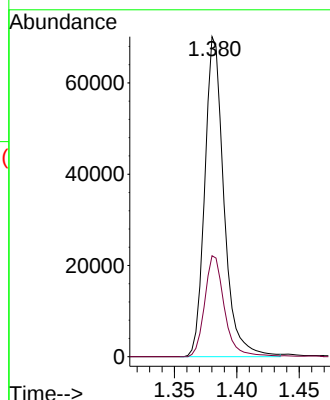
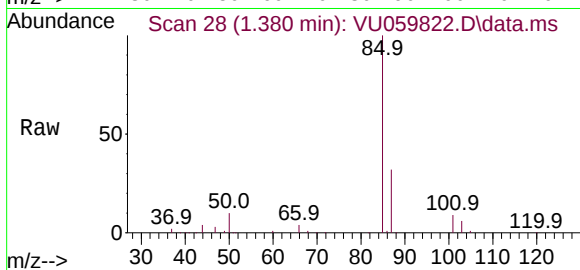
ClientSampleId :

Tgt Ion: 85 Resp: 75099

Ion Ratio Lower Upper

85 100

87 32.6 26.6 40.0



#3

Chloromethane

Concen: 4.140 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU059822.D

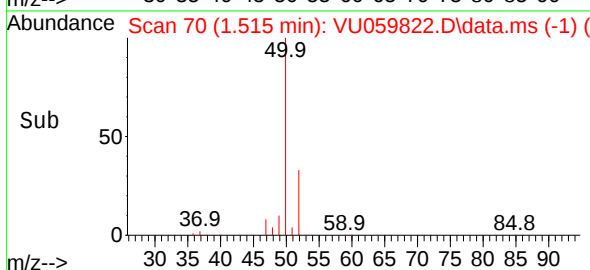
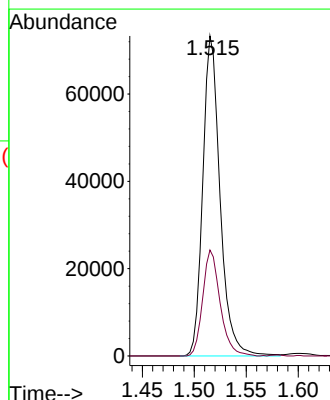
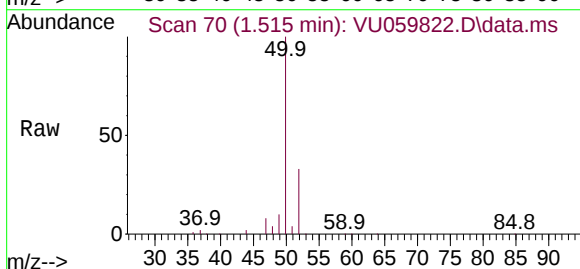
Acq: 04 Jul 2024 01:17

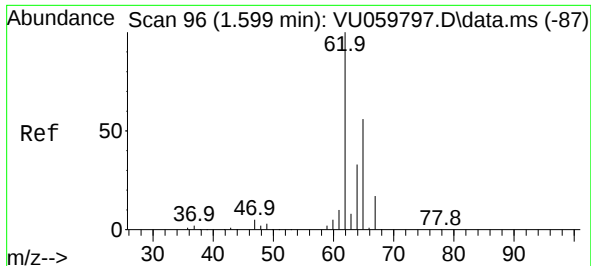
Tgt Ion: 50 Resp: 84973

Ion Ratio Lower Upper

50 100

52 33.1 23.2 43.0

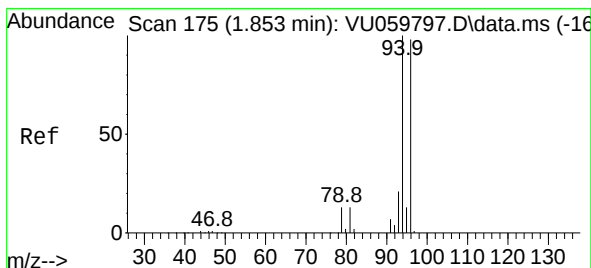
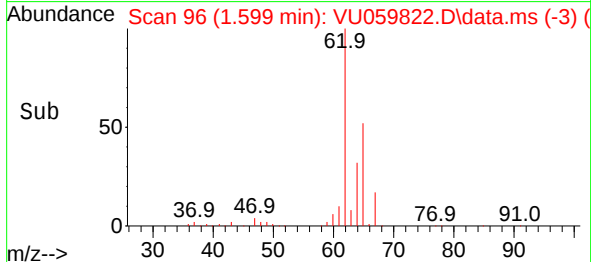
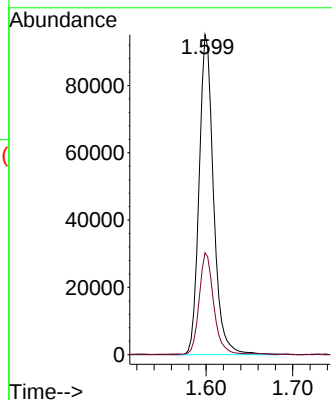
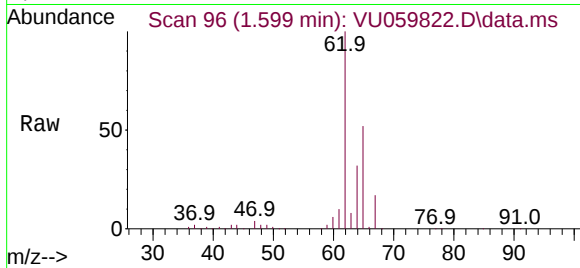




#5
 Vinyl chloride
 Concen: 4.854 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU059822.D
 Acq: 04 Jul 2024 01:17

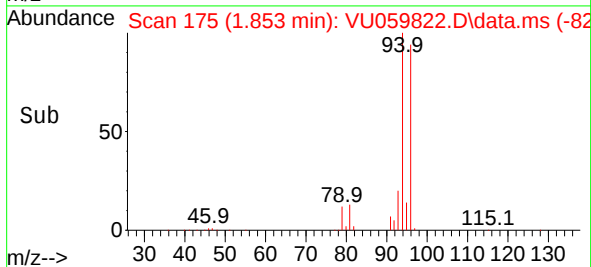
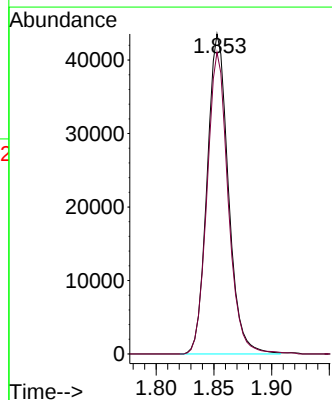
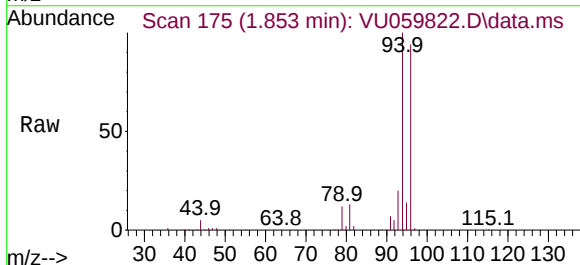
Instrument :
 MSVOA_U
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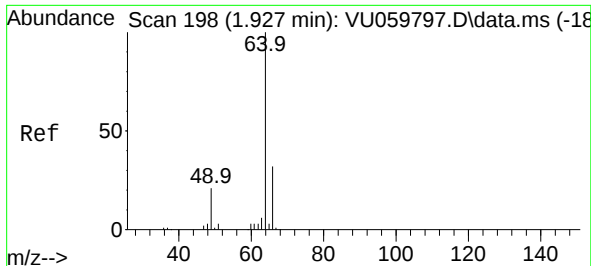
Tgt Ion: 62 Resp: 110043
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.1 42.9



#6
 Bromomethane
 Concen: 3.537 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059822.D
 Acq: 04 Jul 2024 01:17

Tgt Ion: 94 Resp: 55765
 Ion Ratio Lower Upper
 94 100
 96 94.3 62.9 116.9

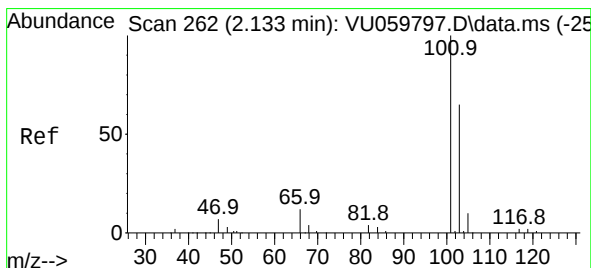
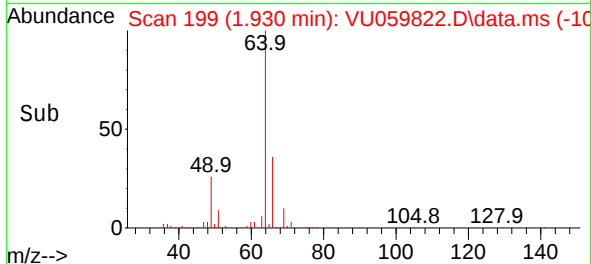
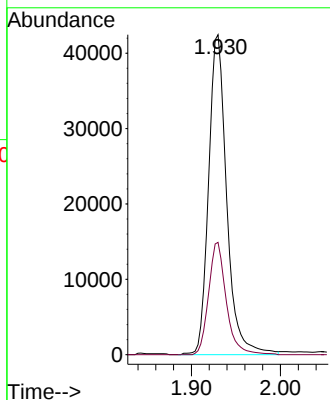
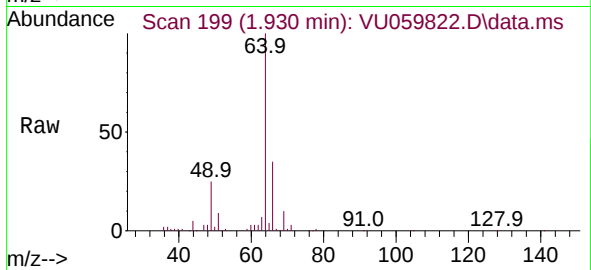




#8
Chloroethane
Concen: 4.377 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

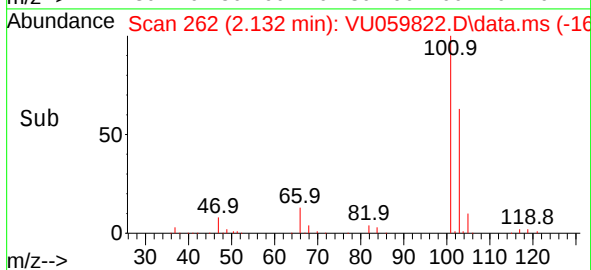
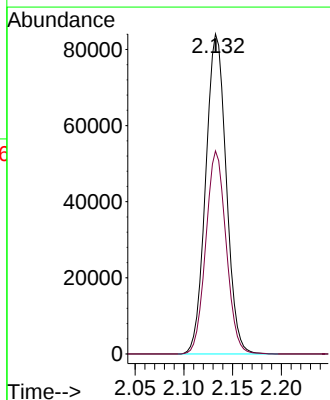
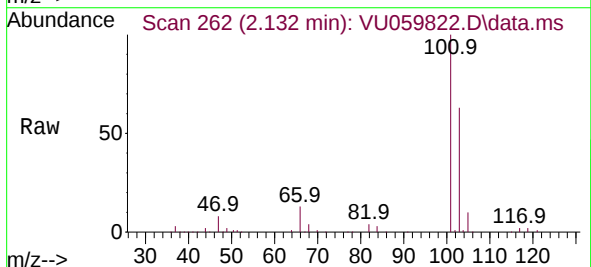
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MSVOA_U
ClientSampleId :

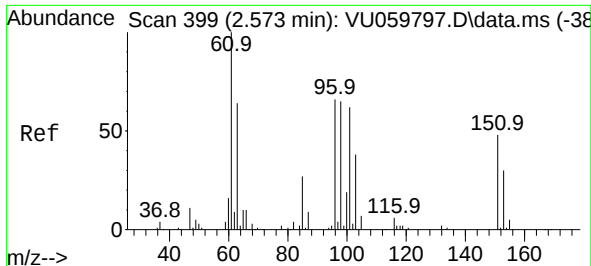
Tgt Ion: 64 Resp: 59795
Ion Ratio Lower Upper
64 100
66 35.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.508 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion:101 Resp: 123027
Ion Ratio Lower Upper
101 100
103 62.8 52.6 79.0

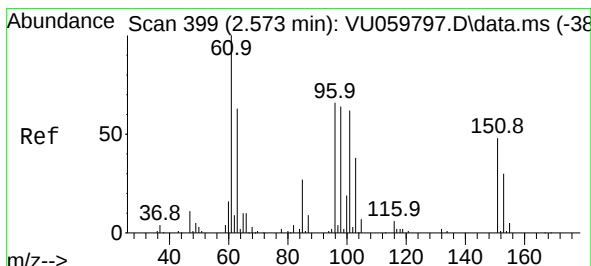
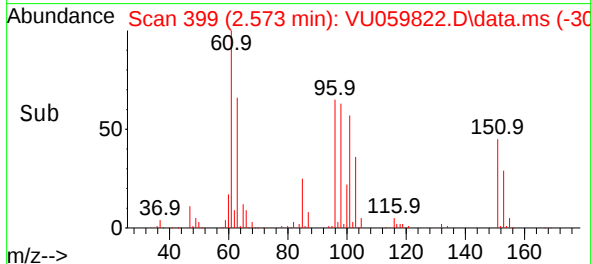
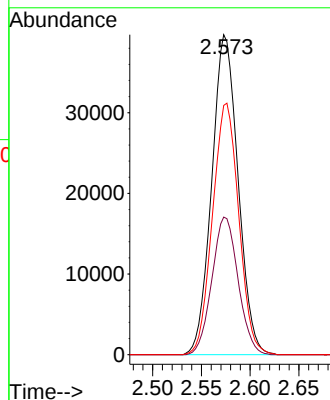
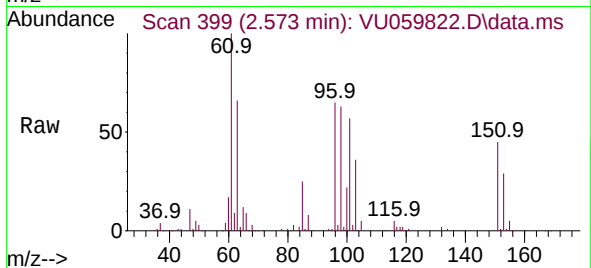




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.318 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

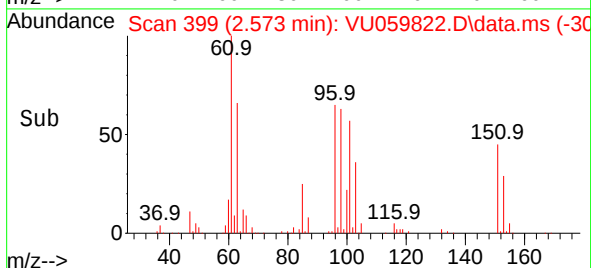
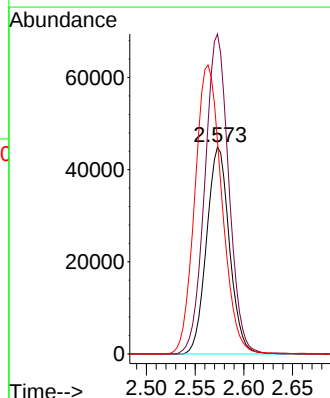
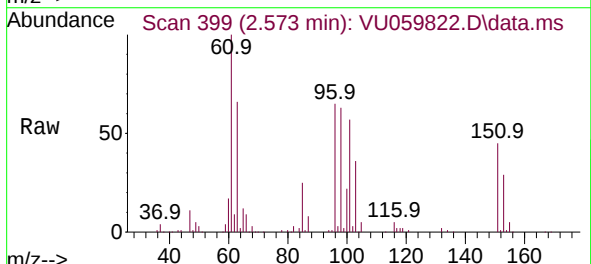
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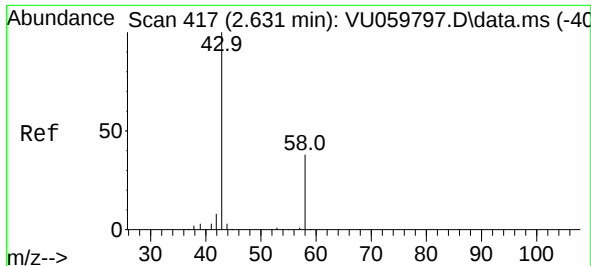
Tgt Ion:101 Resp: 74599
Ion Ratio Lower Upper
101 100
85 42.7 36.2 54.4
151 78.2 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.580 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 96 Resp: 73096
Ion Ratio Lower Upper
96 100
61 154.6 122.9 228.3
63 102.8 80.4 149.4





#13

Acetone

Concen: 42.772 ug/L

RT: 2.634 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

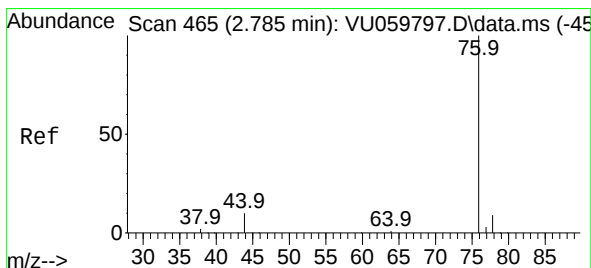
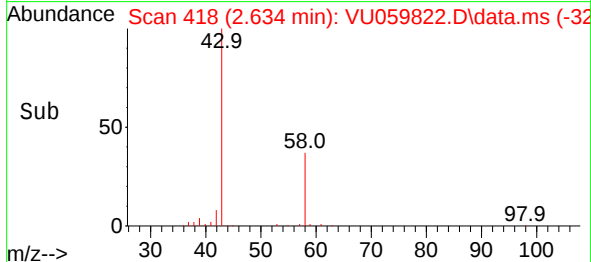
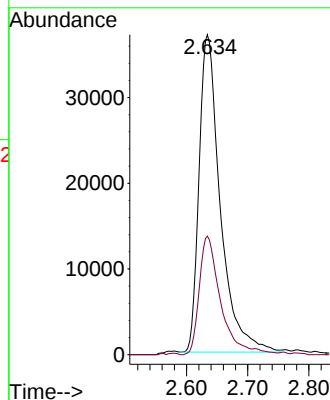
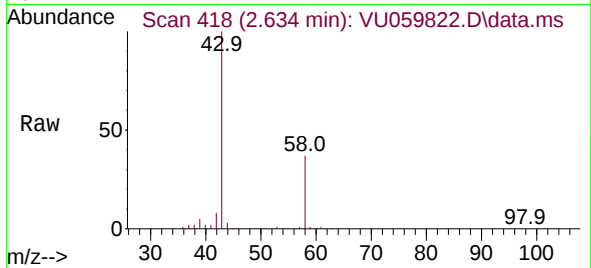
ClientSampleId :

Tgt Ion: 43 Resp: 89433

Ion Ratio Lower Upper

43 100

58 36.6 0.0 68.0



#14

Carbon disulfide

Concen: 4.102 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059822.D

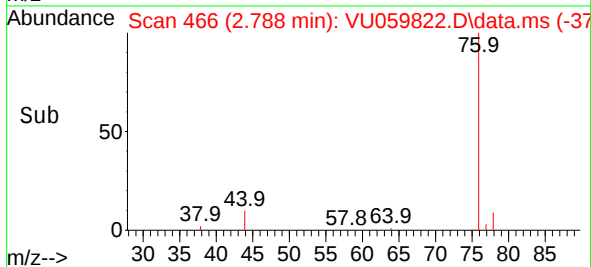
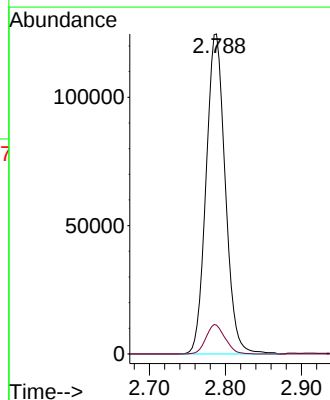
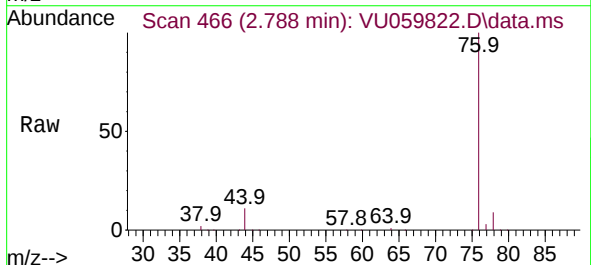
Acq: 04 Jul 2024 01:17

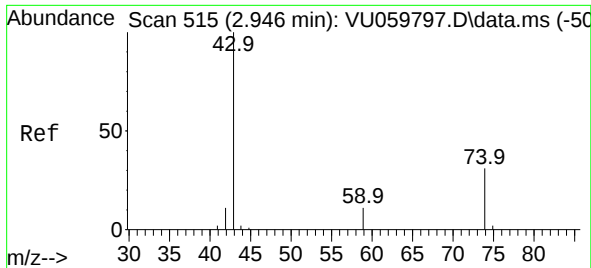
Tgt Ion: 76 Resp: 218411

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 4.608 ug/L

RT: 2.949 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

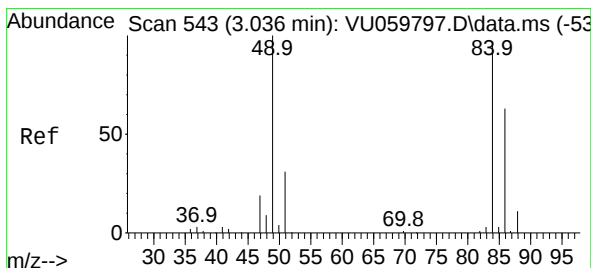
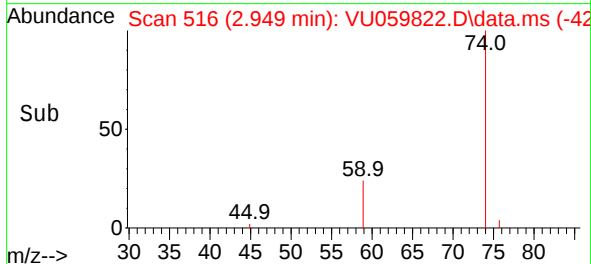
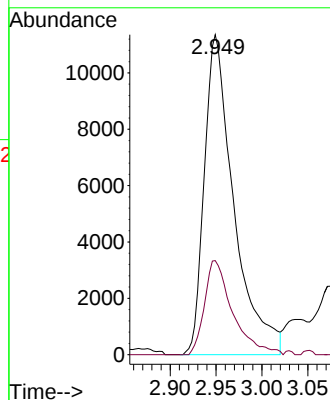
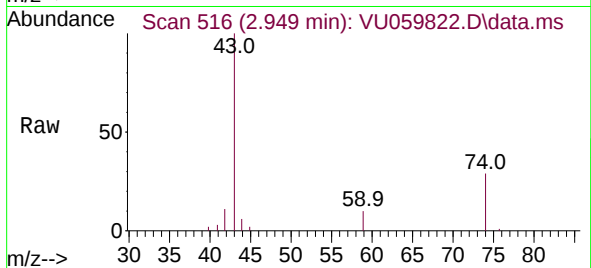
ClientSampleId :

Tgt Ion: 43 Resp: 25426

Ion Ratio Lower Upper

43 100

74 27.9 19.2 28.8



#16

Methylene chloride

Concen: 4.332 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

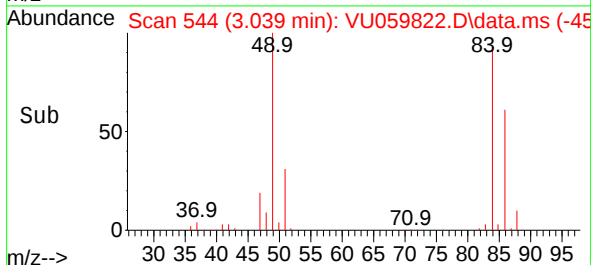
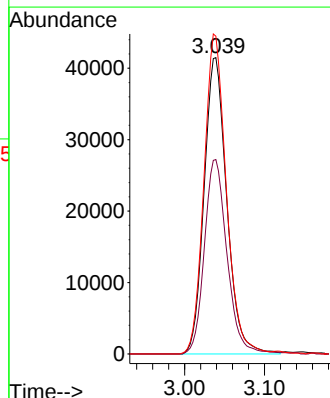
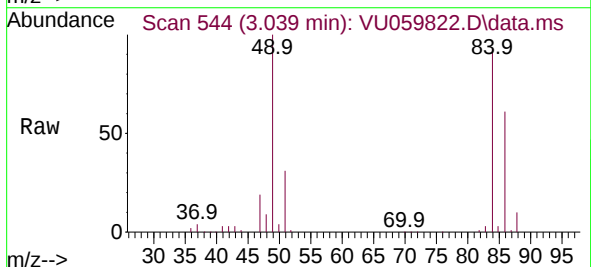
Tgt Ion: 84 Resp: 81937

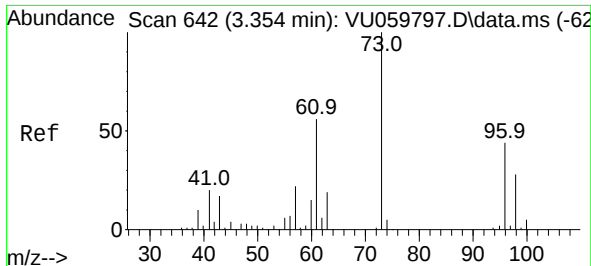
Ion Ratio Lower Upper

84 100

86 65.6 42.1 78.1

49 107.2 80.6 149.8

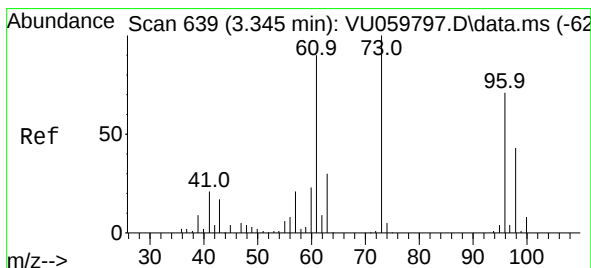
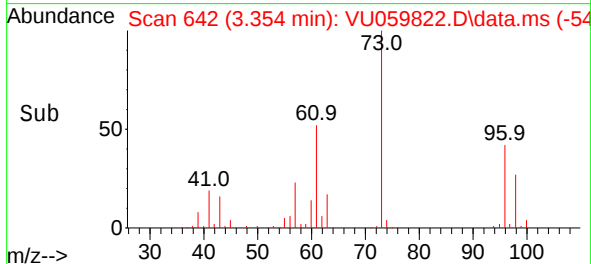
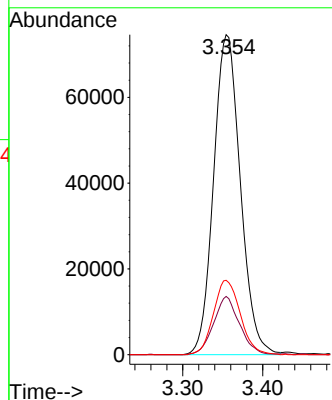
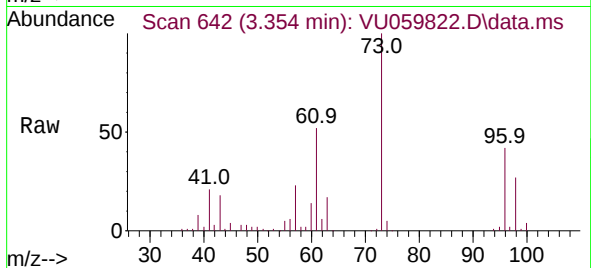




#17
Methyl tert-butyl Ether
Concen: 5.040 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

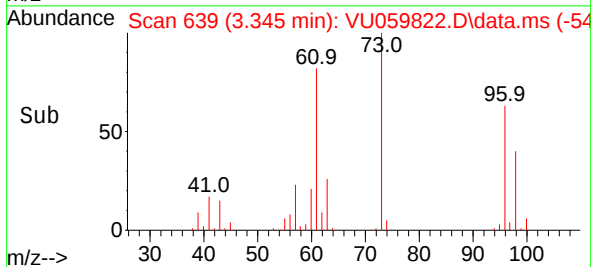
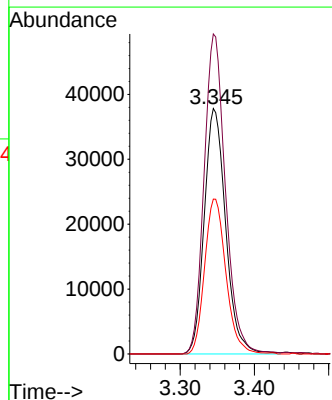
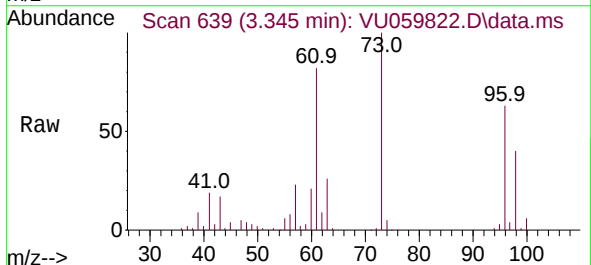
Instrument :
MSVOA_U
ClientSampleId :

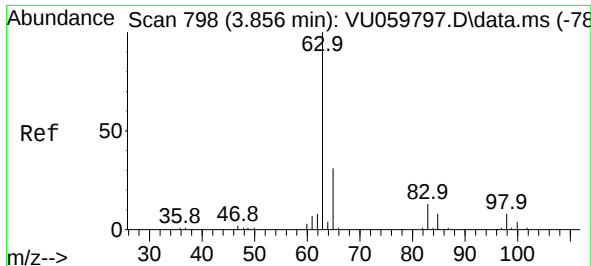
Tgt Ion: 73 Resp: 173336
Ion Ratio Lower Upper
73 100
43 17.7 14.9 22.3
57 23.3 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.577 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 96 Resp: 75979
Ion Ratio Lower Upper
96 100
61 130.4 101.8 189.0
98 63.1 43.3 80.5





#19

1,1-Dichloroethane

Concen: 4.592 ug/L

RT: 3.859 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

ClientSampleId :

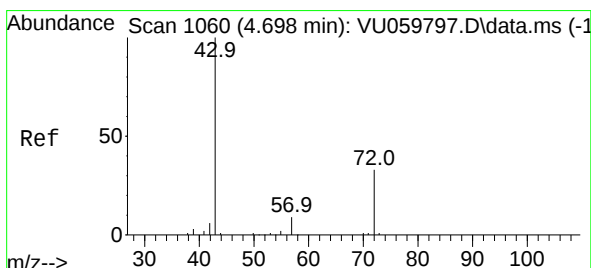
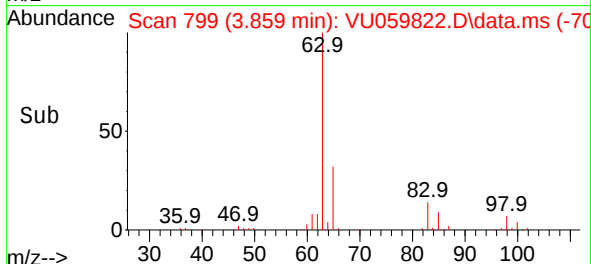
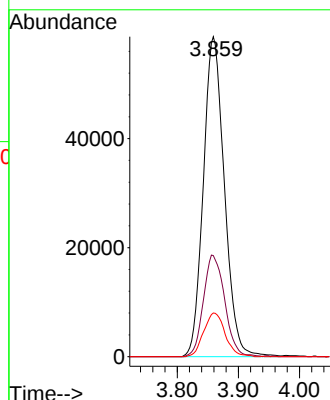
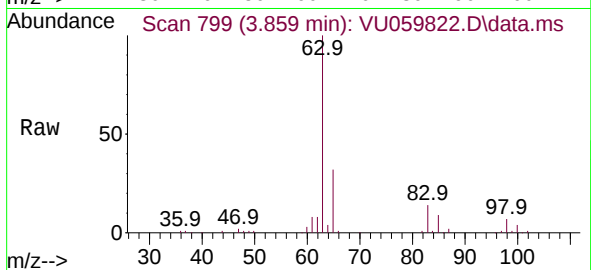
Tgt Ion: 63 Resp: 140572

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 13.7 9.9 18.5



#21

2-Butanone

Concen: 49.374 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. 0.003 min

Lab File: VU059822.D

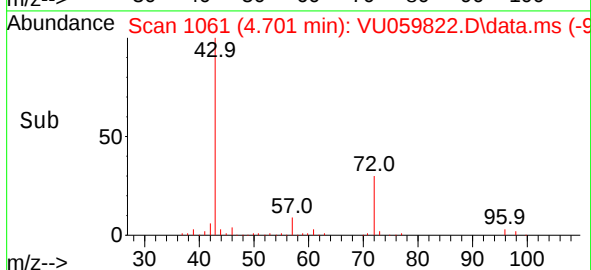
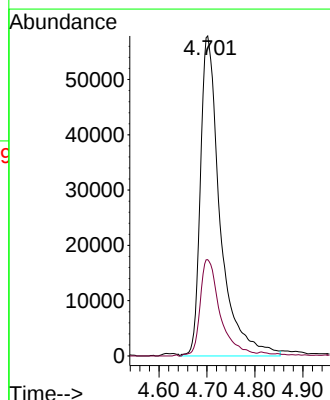
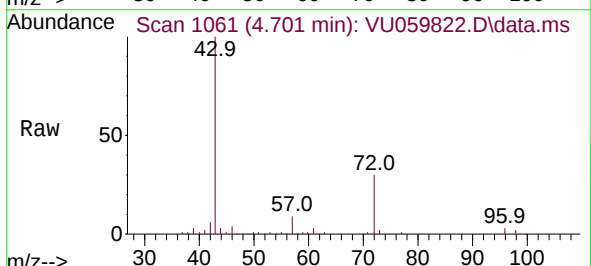
Acq: 04 Jul 2024 01:17

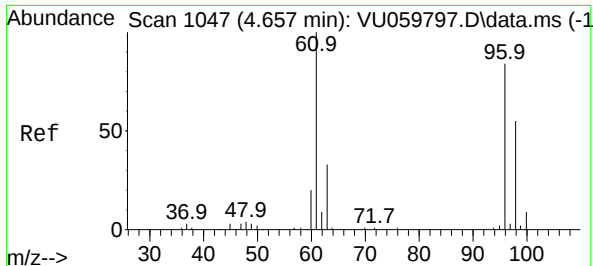
Tgt Ion: 43 Resp: 165587

Ion Ratio Lower Upper

43 100

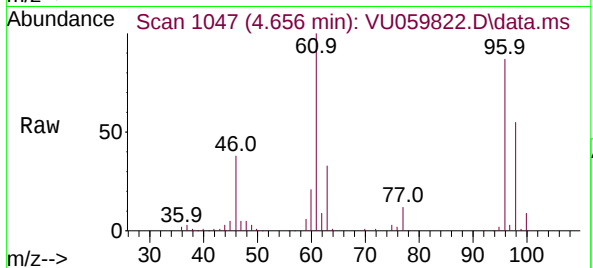
72 30.4 13.8 41.4



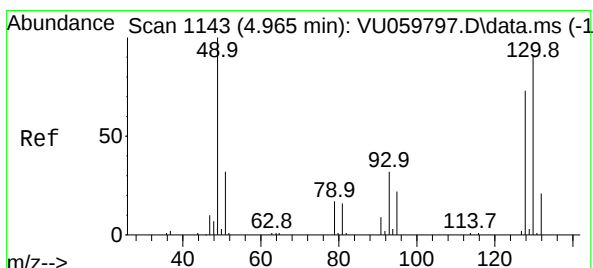
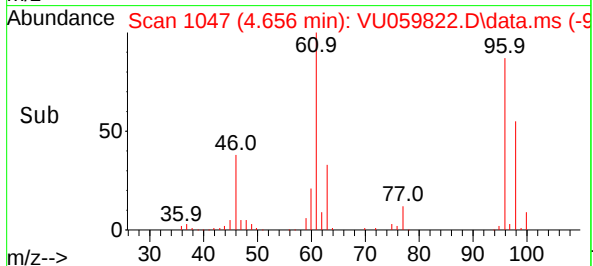
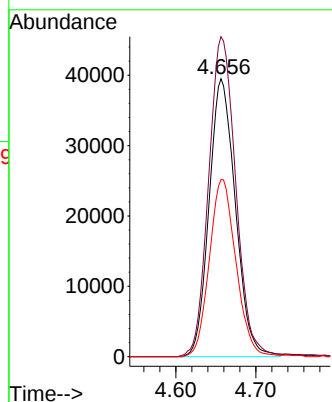


#22
cis-1,2-Dichloroethene
Concen: 4.941 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Instrument :
MSVOA_U
ClientSampleId :

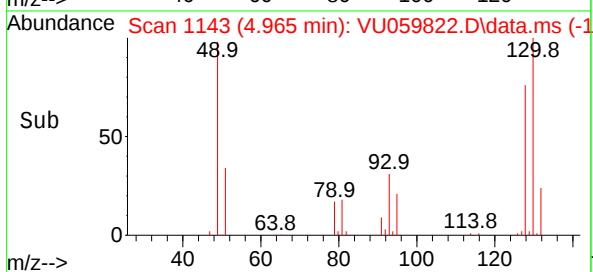
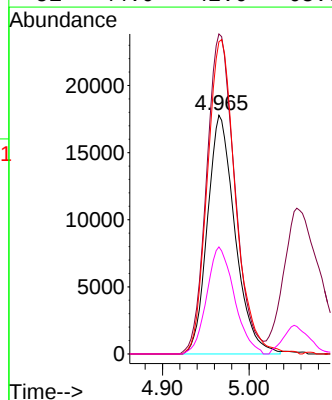
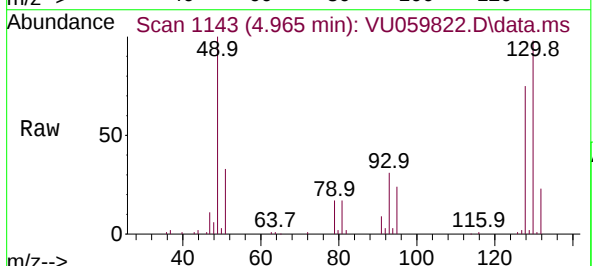


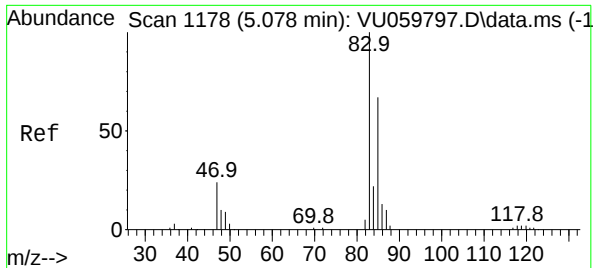
Tgt Ion: 96 Resp: 90400
Ion Ratio Lower Upper
96 100
61 115.1 87.4 162.2
98 63.7 42.3 78.5



#23
Bromochloromethane
Concen: 4.711 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion:128 Resp: 39296
Ion Ratio Lower Upper
128 100
49 134.1 117.0 217.4
130 130.8 89.6 166.4
51 44.9 42.0 63.0

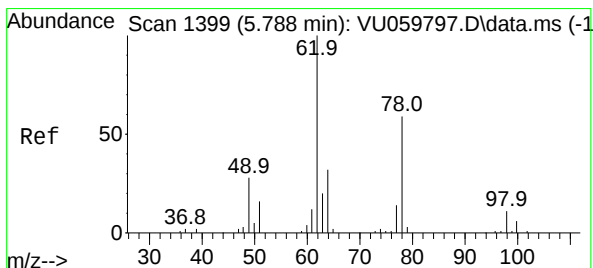
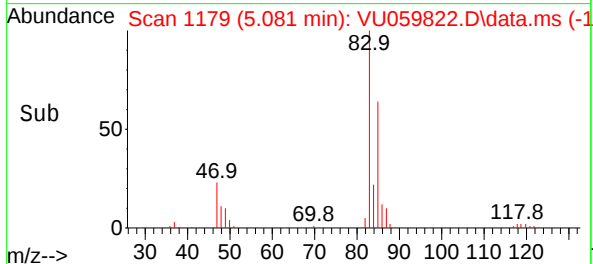
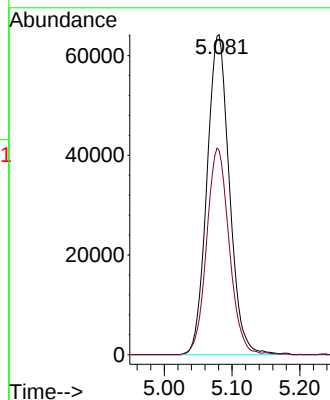
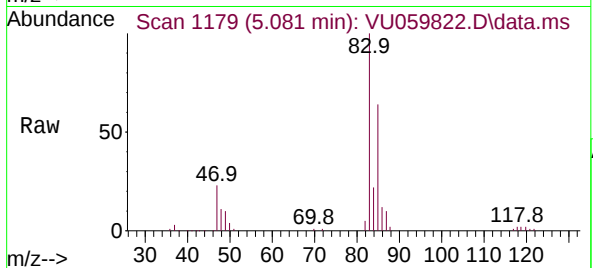




#25
Chloroform
Concen: 4.583 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

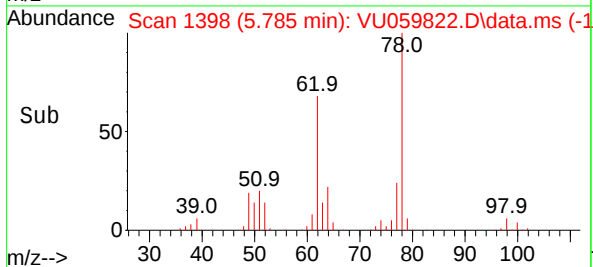
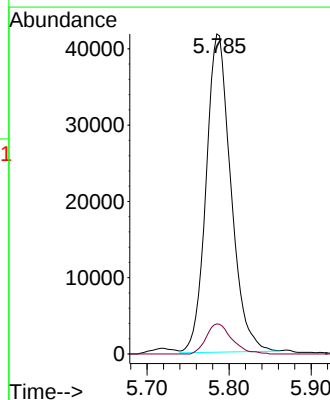
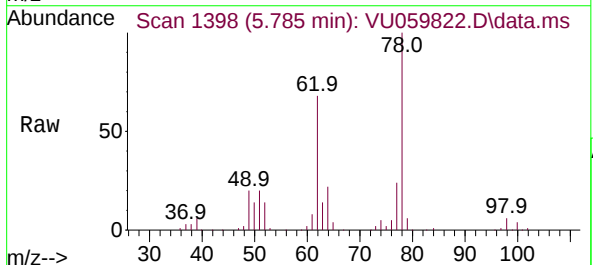
Instrument :
MSVOA_U
ClientSampleId :

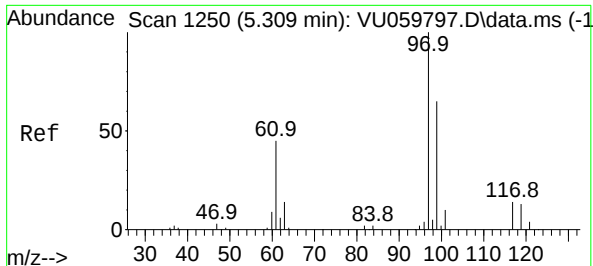
Tgt Ion: 83 Resp: 147747
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.479 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 62 Resp: 87511
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3

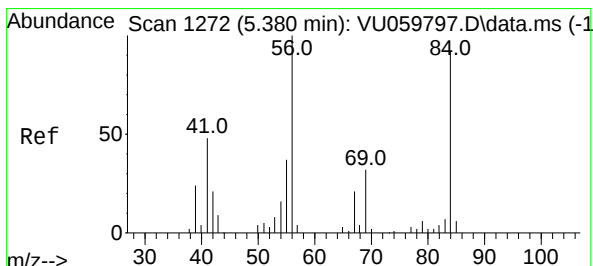
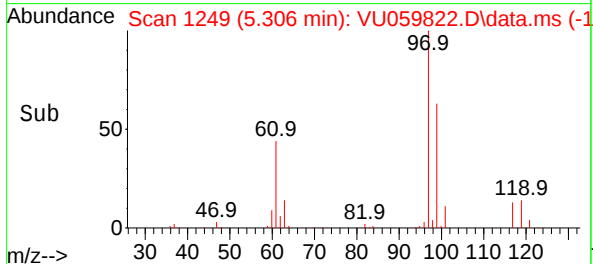
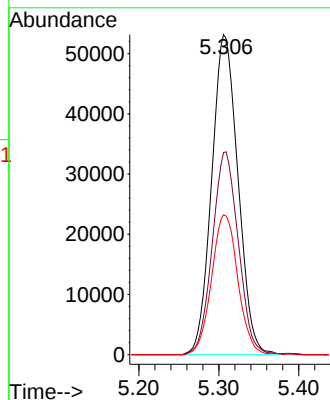
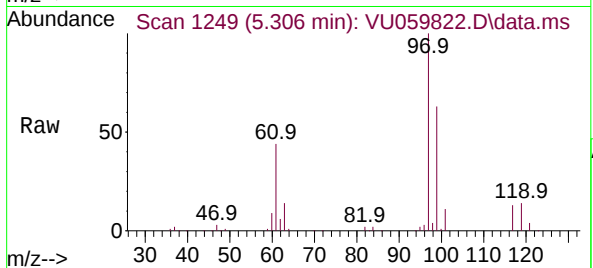




#29
1,1,1-Trichloroethane
Concen: 4.697 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

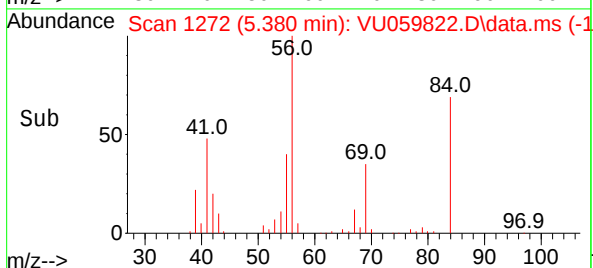
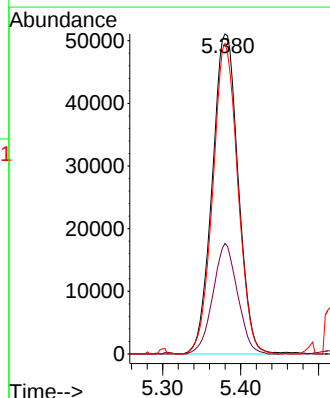
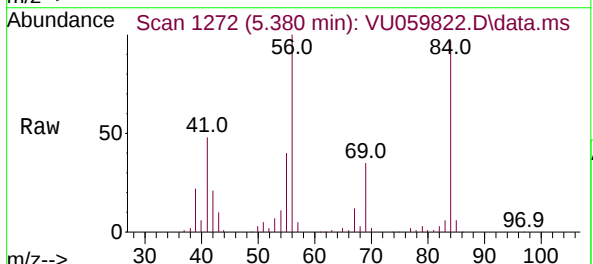
Instrument :
MSVOA_U
ClientSampleId :

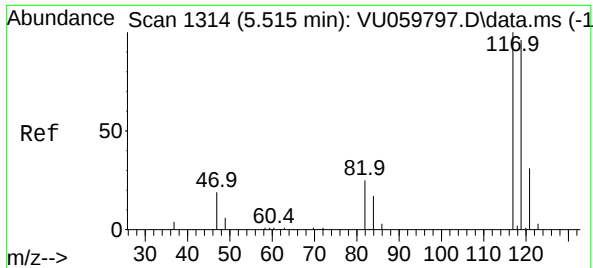
Tgt Ion: 97 Resp: 121436
Ion Ratio Lower Upper
97 100
99 62.7 51.8 77.6
61 43.6 37.4 56.2



#30
Cyclohexane
Concen: 5.165 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 56 Resp: 117898
Ion Ratio Lower Upper
56 100
69 32.9 24.8 37.2
84 93.6 69.8 104.8

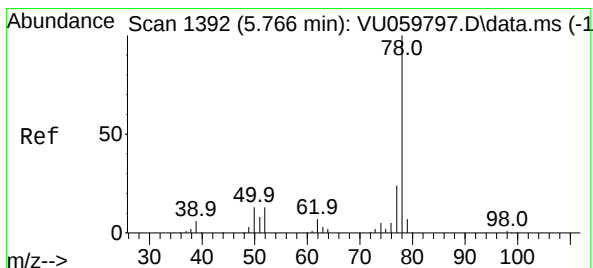
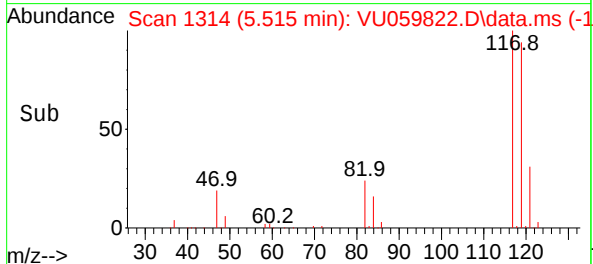
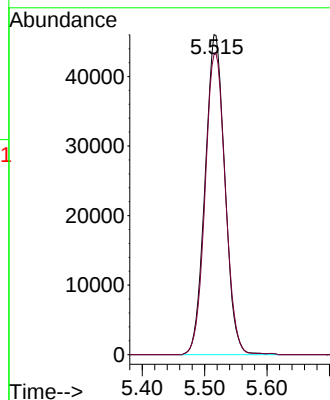
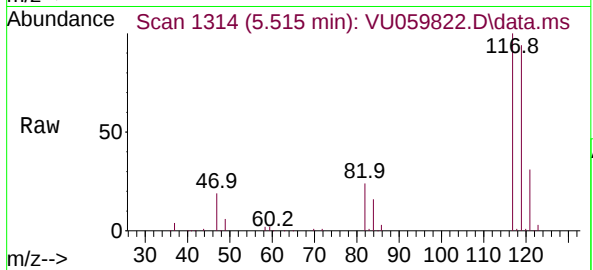




#31
Carbon tetrachloride
Concen: 4.692 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

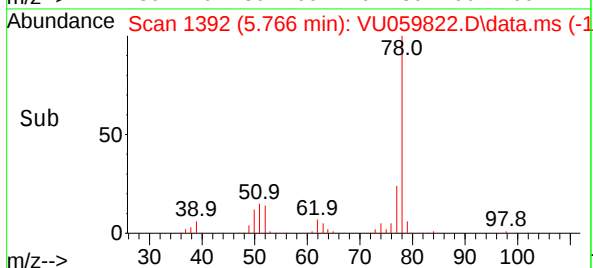
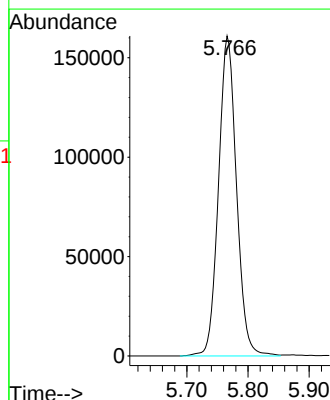
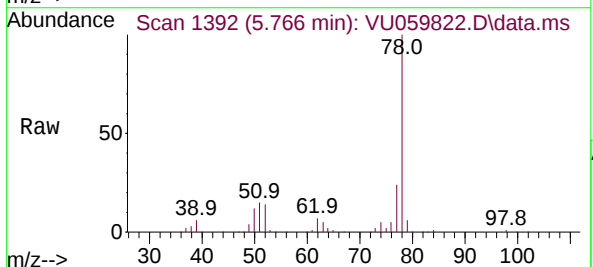
Instrument :
MSVOA_U
ClientSampleId :

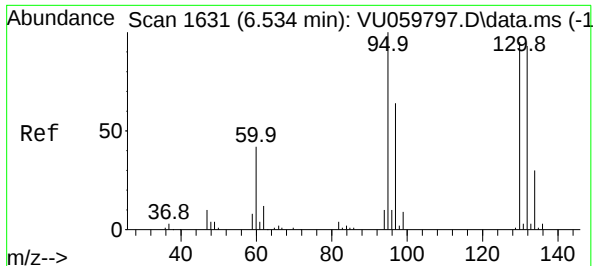
Tgt Ion:117 Resp: 101562
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 4.840 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 78 Resp: 329111

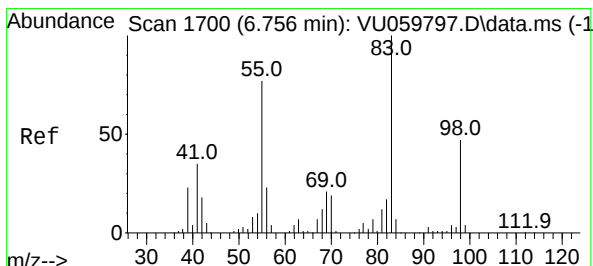
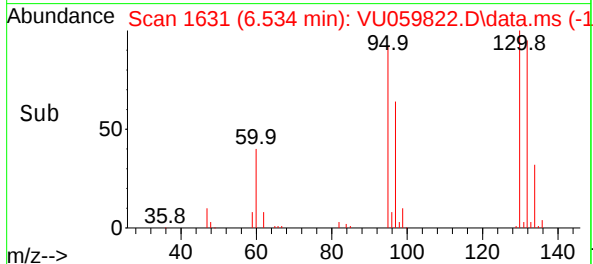
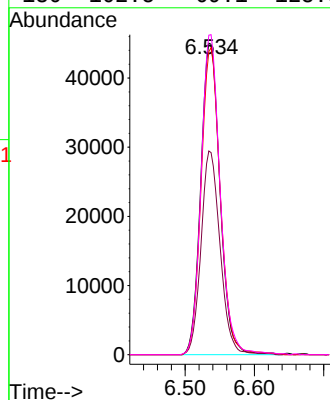
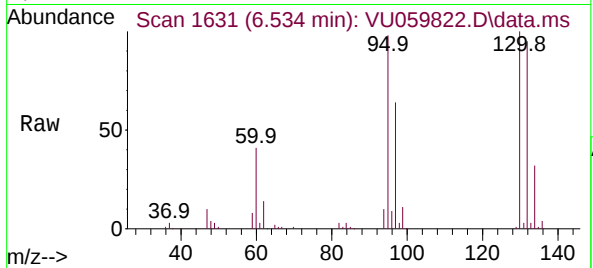




#34
Trichloroethene
Concen: 4.726 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

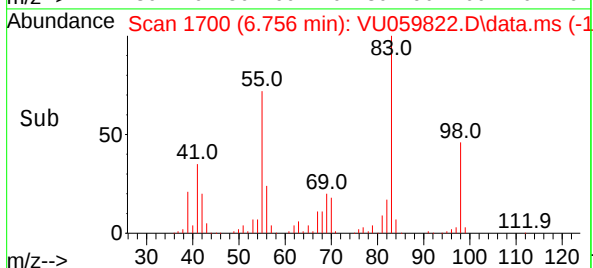
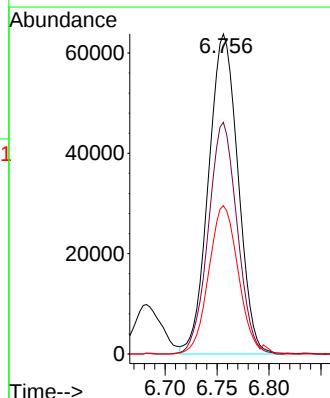
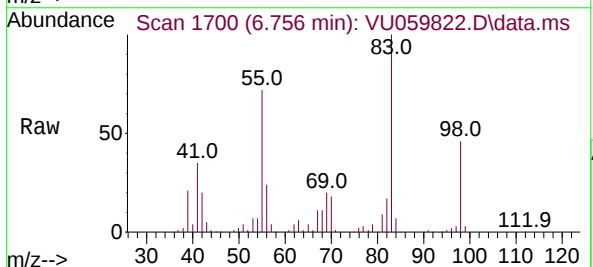
Instrument :
MSVOA_U
ClientSampleId :

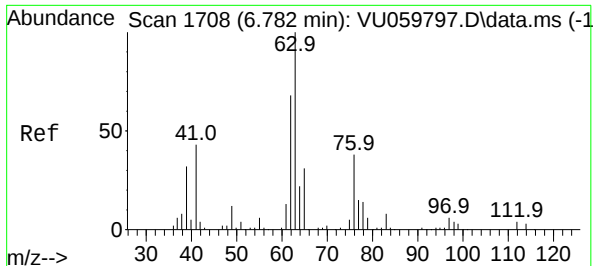
Tgt Ion: 95 Resp: 87018
Ion Ratio Lower Upper
95 100
97 65.4 45.3 84.1
132 97.3 64.0 119.0
130 102.5 69.1 128.3



#35
Methylcyclohexane
Concen: 4.808 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 83 Resp: 125959
Ion Ratio Lower Upper
83 100
55 70.9 62.7 94.1
98 46.0 35.4 53.0

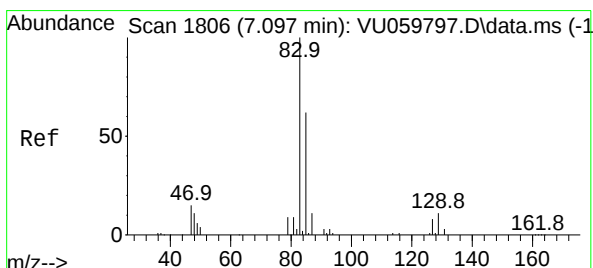
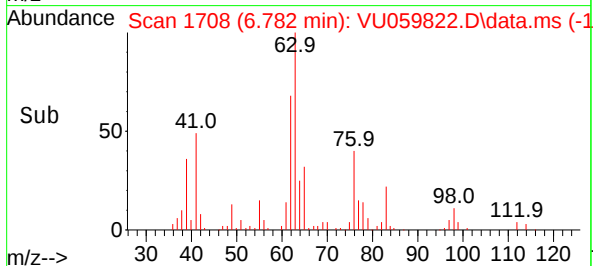
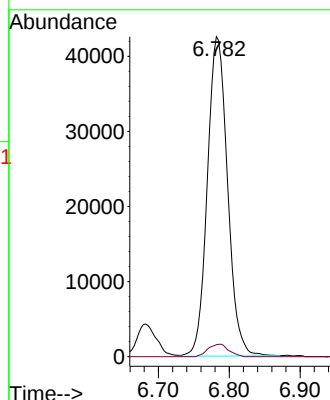
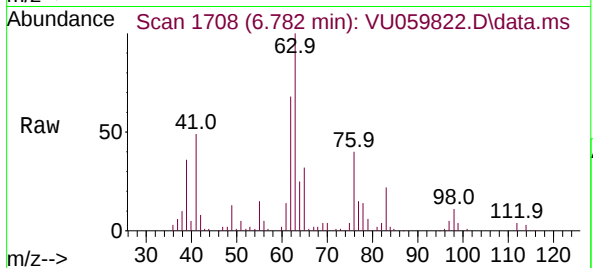




#37
1,2-Dichloropropane
Concen: 4.793 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

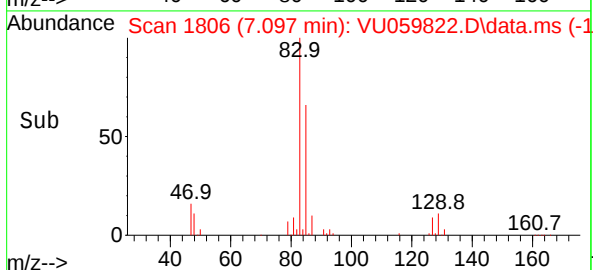
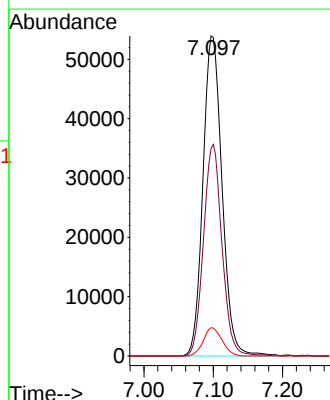
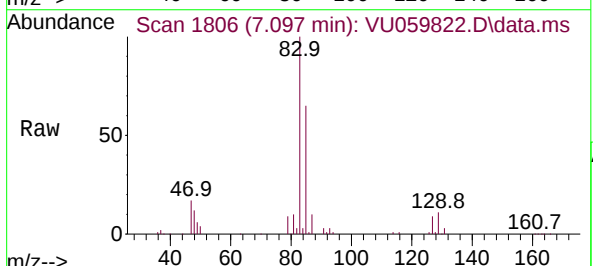
Instrument :
MSVOA_U
ClientSampleId :

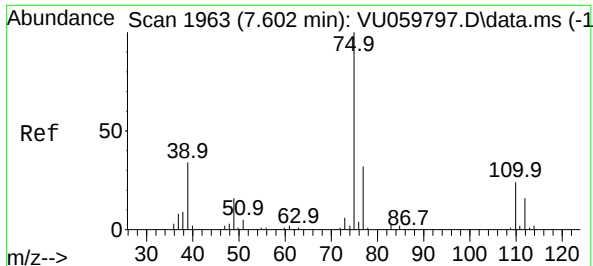
Tgt Ion: 63 Resp: 84328
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 4.694 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 83 Resp: 103098
Ion Ratio Lower Upper
83 100
85 64.8 42.7 79.3
127 8.8 6.1 9.1

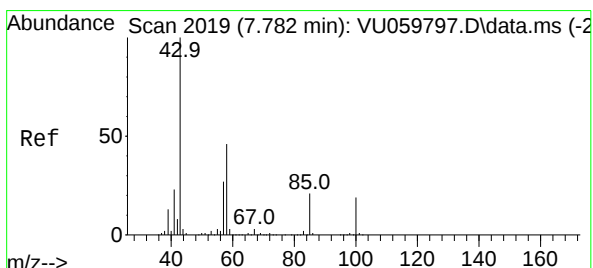
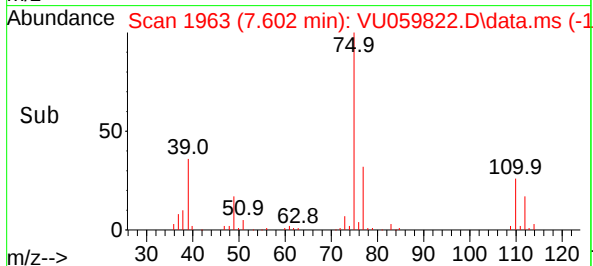
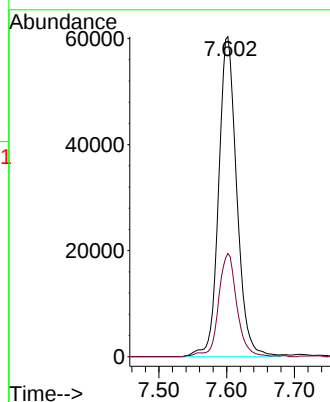
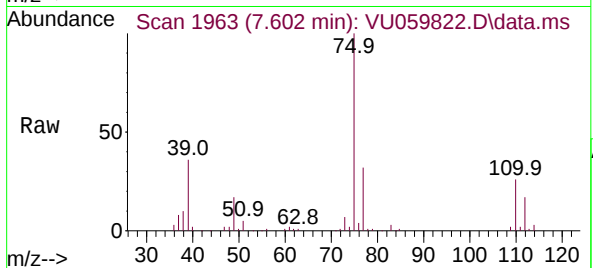




#39
 cis-1,3-Dichloropropene
 Concen: 4.666 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059822.D
 Acq: 04 Jul 2024 01:17

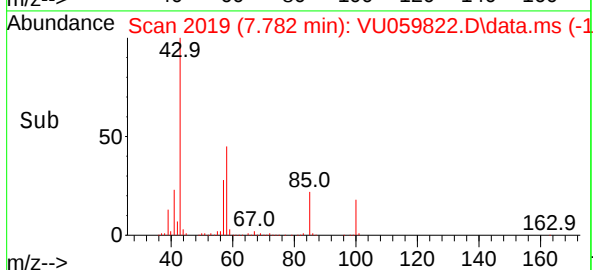
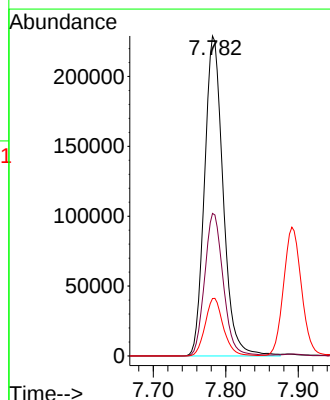
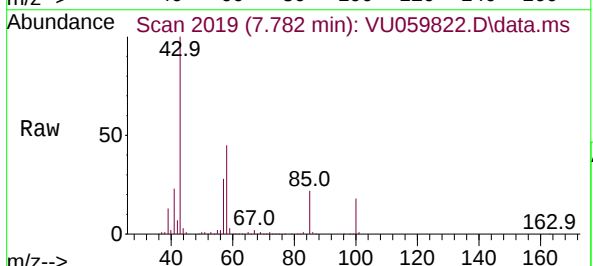
Instrument :
 MSVOA_U
 ClientSampleId :

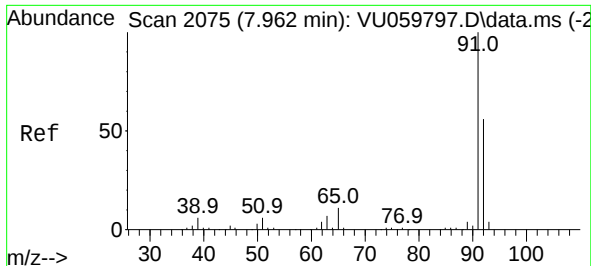
Tgt Ion: 75 Resp: 112273
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 50.086 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059822.D
 Acq: 04 Jul 2024 01:17

Tgt Ion: 43 Resp: 408358
 Ion Ratio Lower Upper
 43 100
 58 44.7 34.0 51.0
 100 17.6 12.1 18.1





#42

Toluene

Concen: 5.101 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

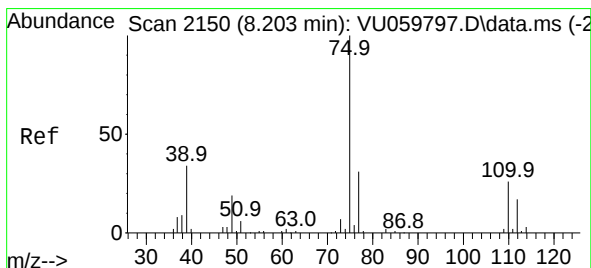
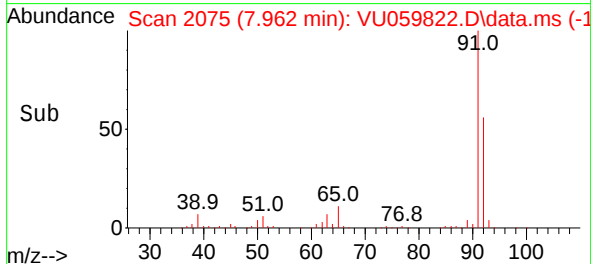
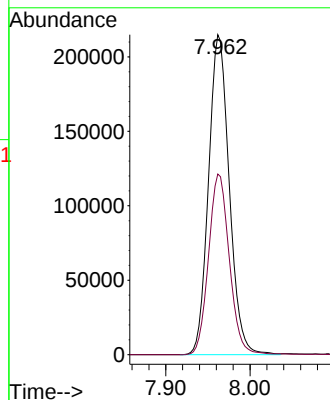
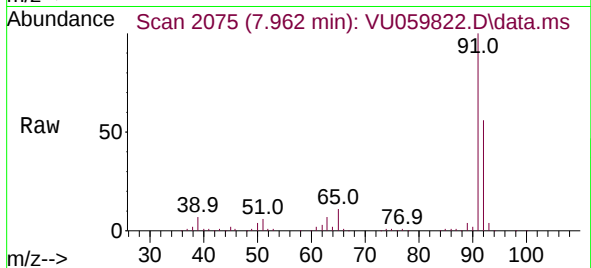
ClientSampleId :

Tgt Ion: 91 Resp: 367193

Ion Ratio Lower Upper

91 100

92 56.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.787 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059822.D

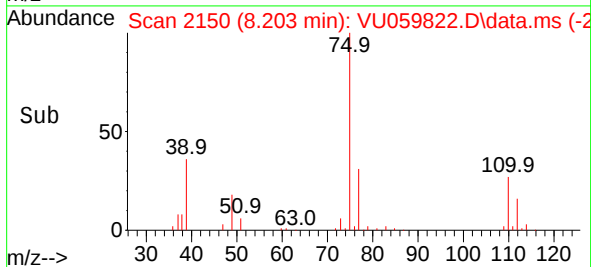
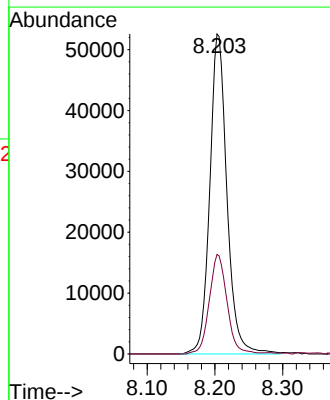
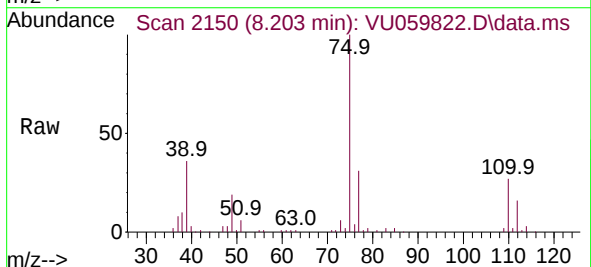
Acq: 04 Jul 2024 01:17

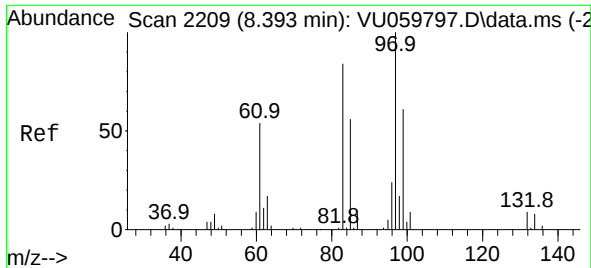
Tgt Ion: 75 Resp: 92450

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



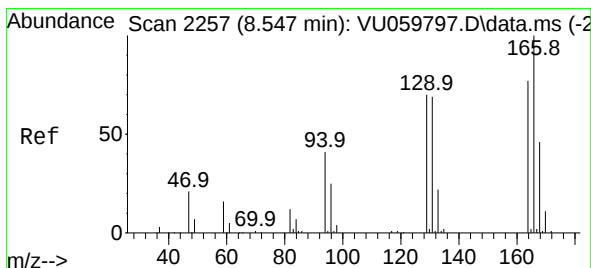
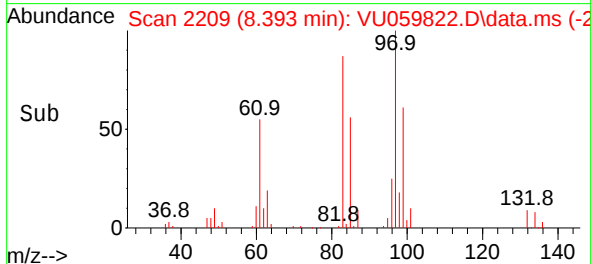
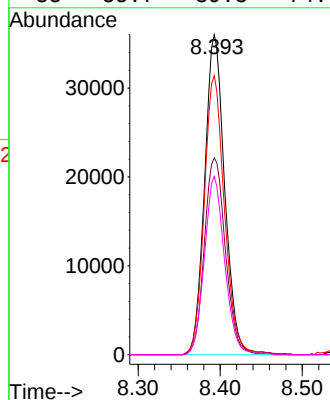
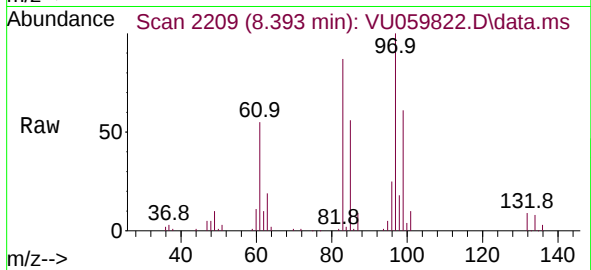


#45
1,1,2-Trichloroethane
Concen: 4.733 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 61365

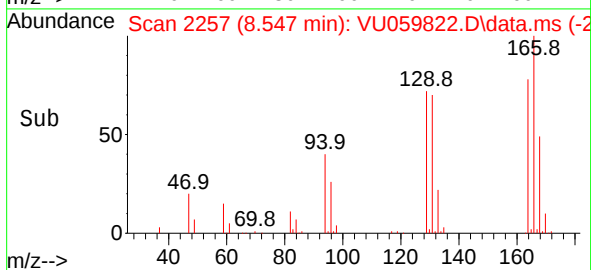
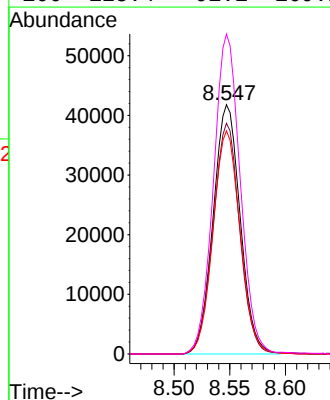
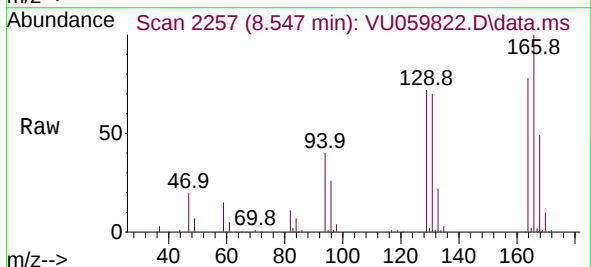
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.3	80.3
83	87.1	62.3	115.7
85	55.7	39.8	74.0

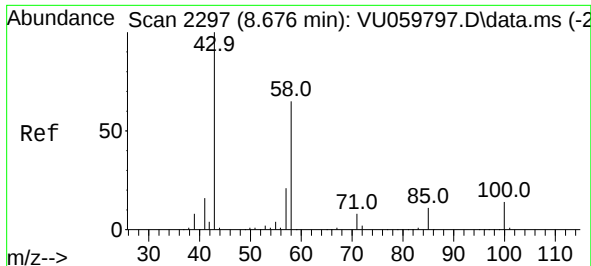


#47
Tetrachloroethene
Concen: 4.934 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 164 Resp: 70503

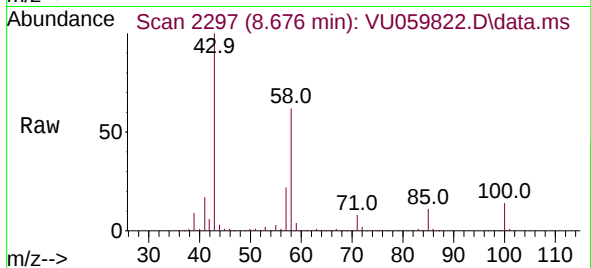
Ion	Ratio	Lower	Upper
164	100		
129	92.6	70.8	131.4
131	89.6	64.8	120.3
166	128.4	91.1	169.1



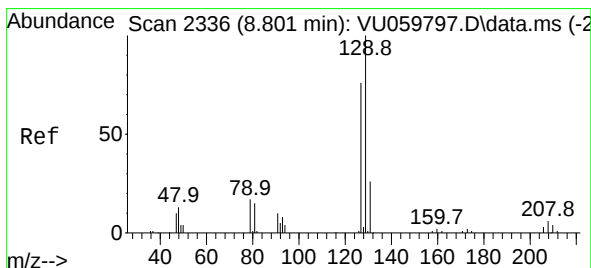
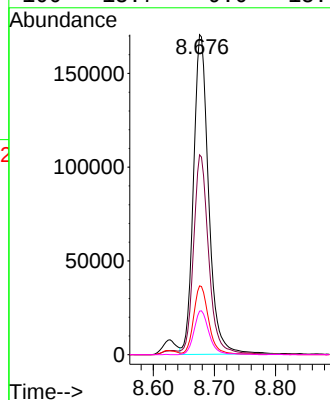
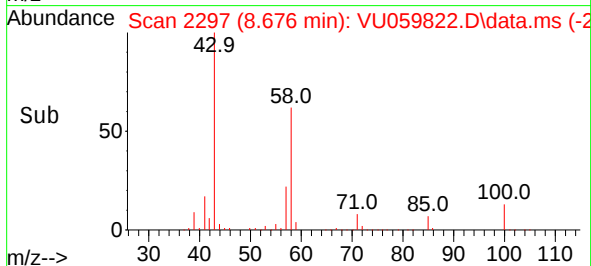


#48
2-Hexanone
Concen: 50.467 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Instrument :
MSVOA_U
ClientSampleId :

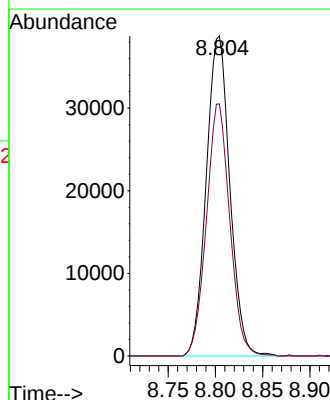
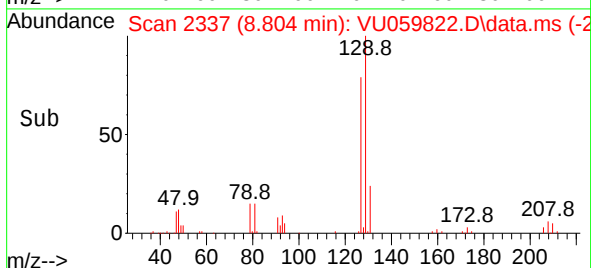
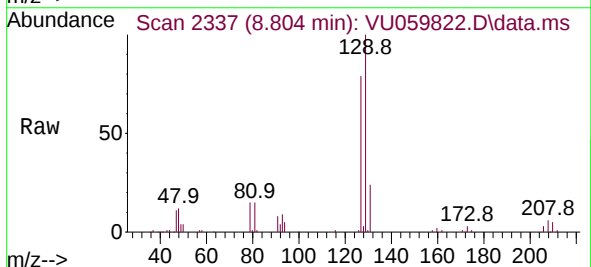


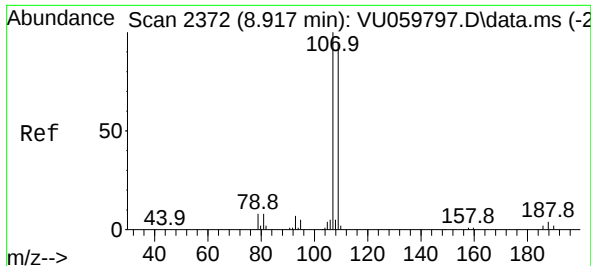
Tgt Ion: 43 Resp: 293657
Ion Ratio Lower Upper
43 100
58 62.2 46.1 69.1
57 20.9 15.5 23.3
100 13.7 9.0 13.6#



#49
Dibromochloromethane
Concen: 4.683 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion: 129 Resp: 67262
Ion Ratio Lower Upper
129 100
127 78.8 52.5 97.5





#50

1,2-Dibromoethane

Concen: 4.809 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU059822.D

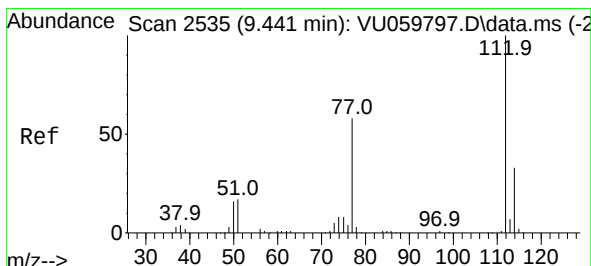
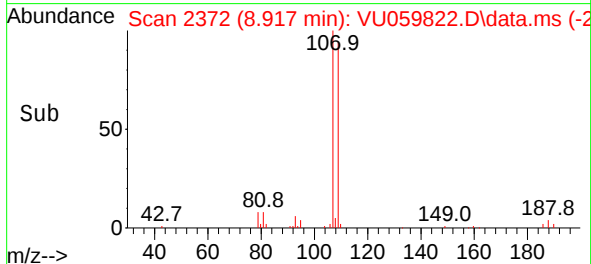
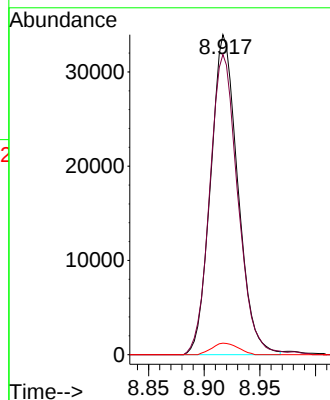
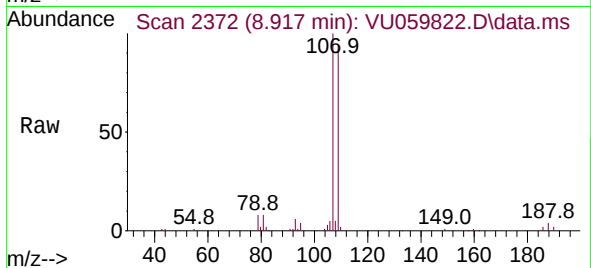
Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	57586
Ion Ratio	Lower	Upper
107	100	
109	93.8	66.9 124.3
188	3.6	2.7 4.1



#51

Chlorobenzene

Concen: 4.974 ug/L

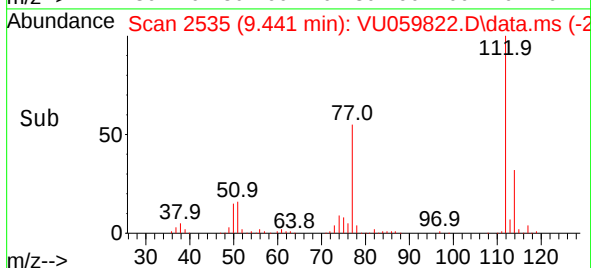
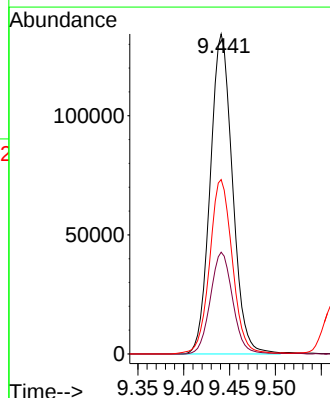
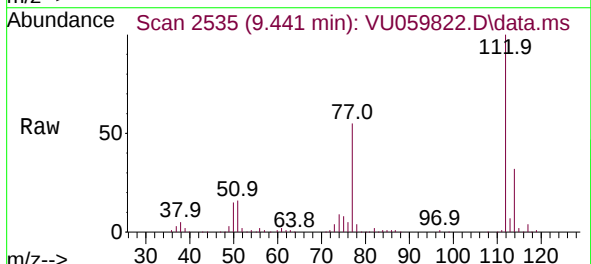
RT: 9.441 min Scan# 2535

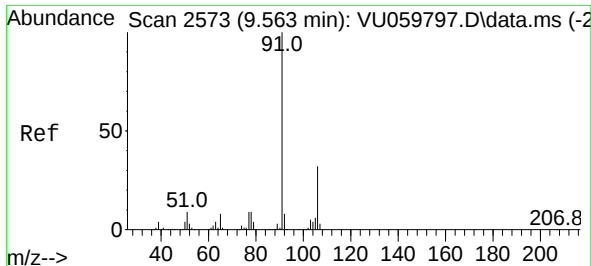
Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Tgt Ion:112	Resp:	227083
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.4 41.6
77	54.5	49.1 73.7





#52

Ethylbenzene

Concen: 5.653 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

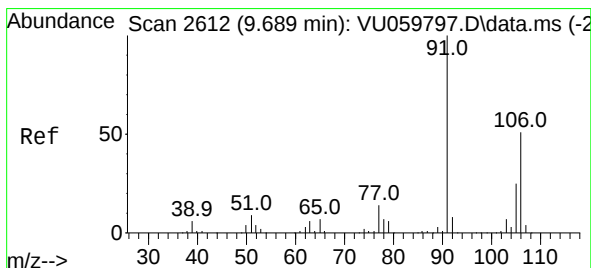
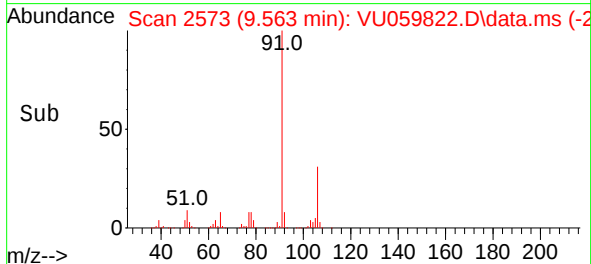
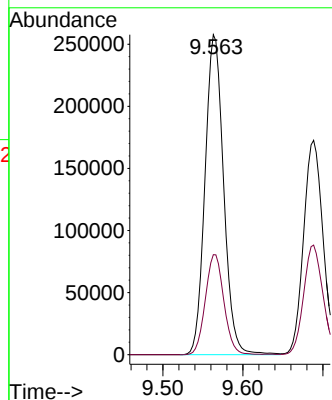
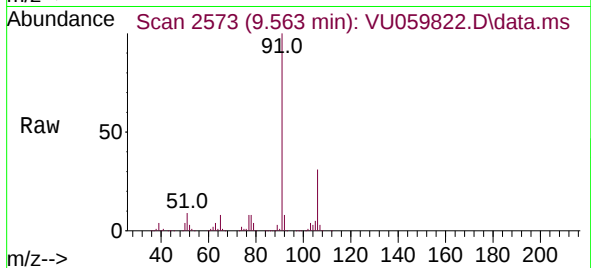
ClientSampleId :

Tgt Ion: 91 Resp: 417461

Ion Ratio Lower Upper

91 100

106 31.2 20.9 38.7



#53

m,p-Xylene

Concen: 5.210 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059822.D

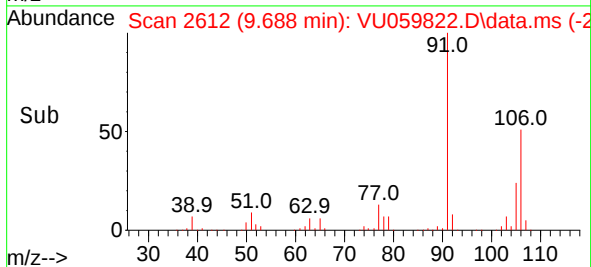
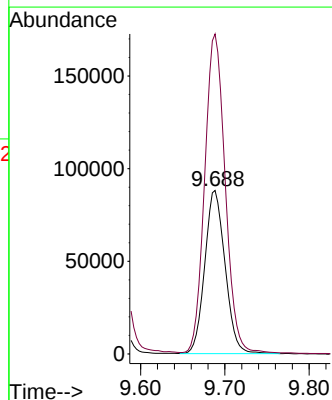
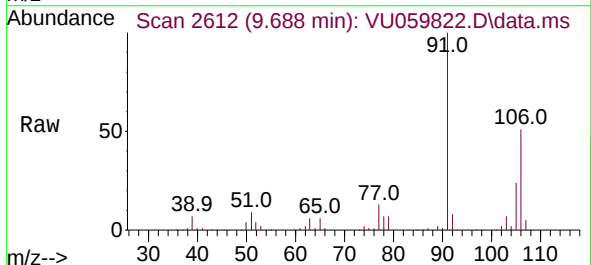
Acq: 04 Jul 2024 01:17

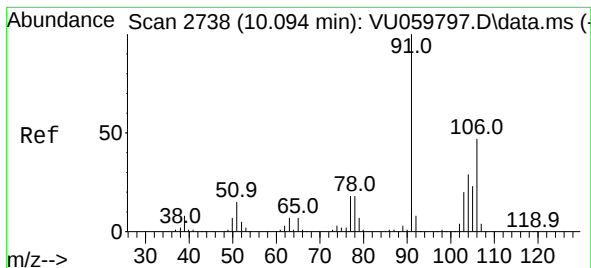
Tgt Ion:106 Resp: 147766

Ion Ratio Lower Upper

106 100

91 195.7 142.0 263.8





#54

o-Xylene

Concen: 5.218 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

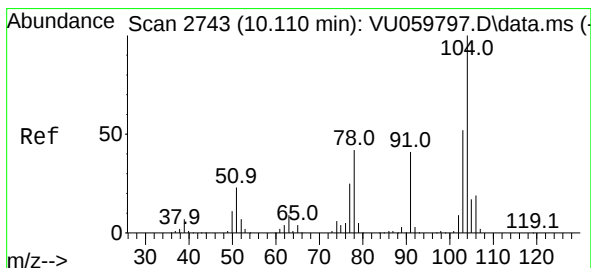
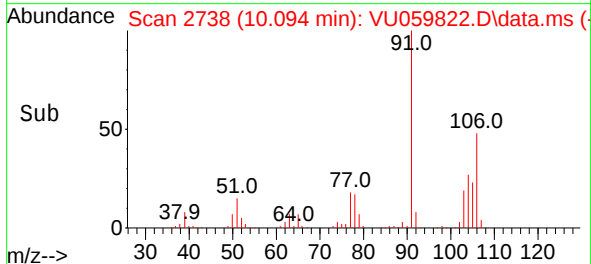
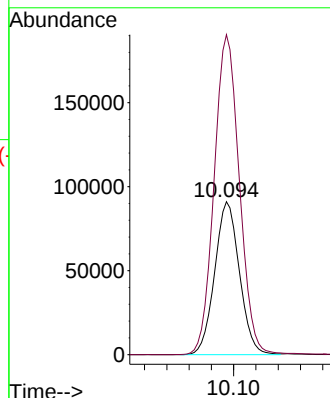
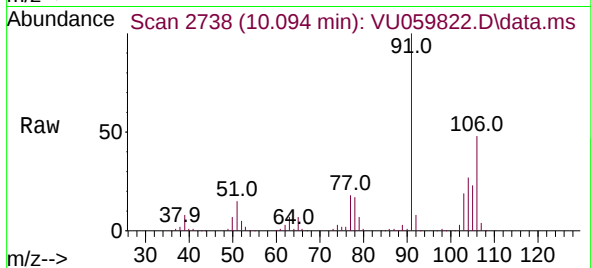
ClientSampleId :

Tgt Ion:106 Resp: 140445

Ion Ratio Lower Upper

106 100

91 209.2 151.6 281.6



#55

Styrene

Concen: 5.141 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059822.D

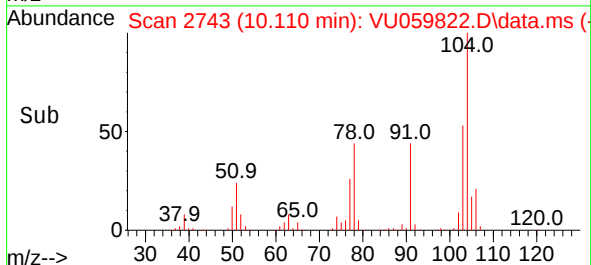
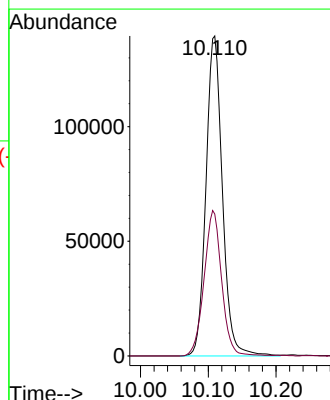
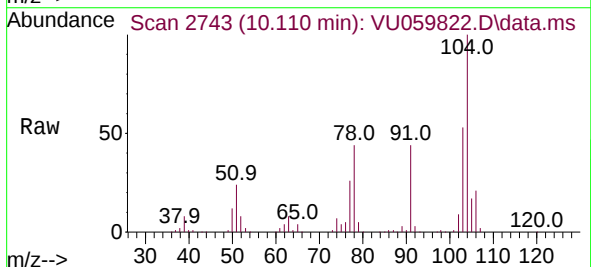
Acq: 04 Jul 2024 01:17

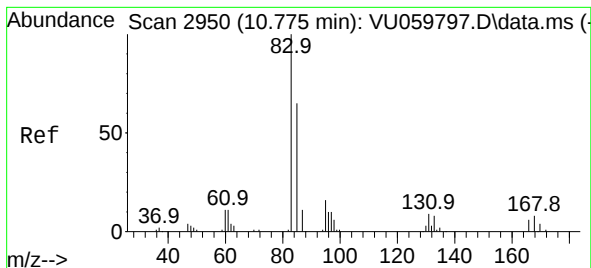
Tgt Ion:104 Resp: 235535

Ion Ratio Lower Upper

104 100

78 44.3 32.3 60.1

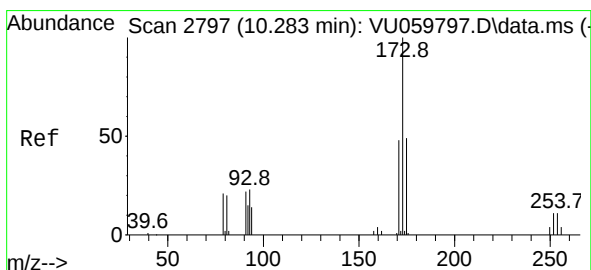
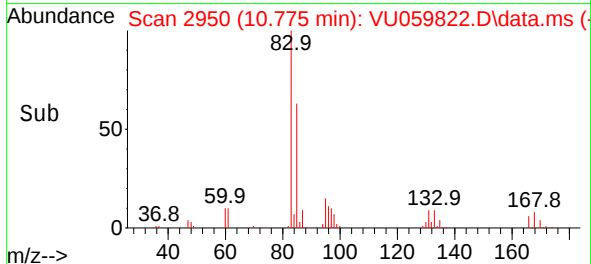
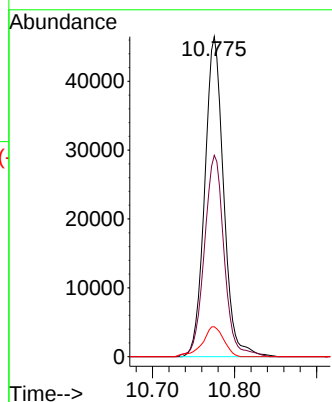
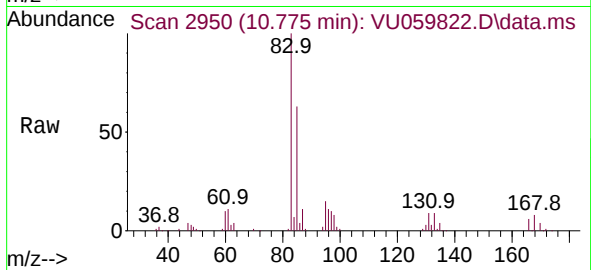




#57
1,1,2,2-Tetrachloroethane
Concen: 4.724 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

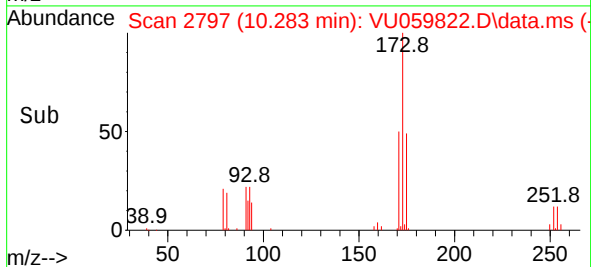
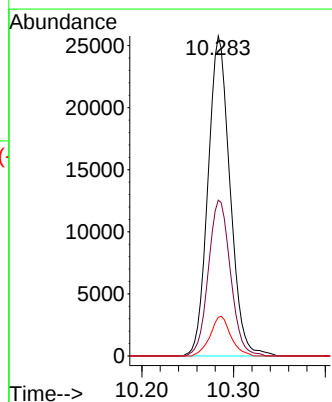
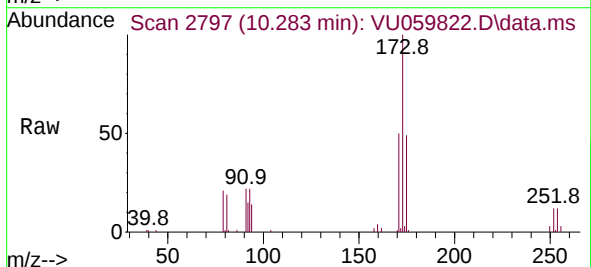
Instrument :
MSVOA_U
ClientSampleId :

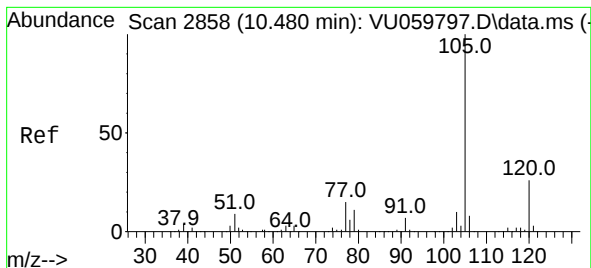
Tgt Ion: 83 Resp: 74306
Ion Ratio Lower Upper
83 100
85 63.0 44.7 82.9
131 9.3 6.9 10.3



#59
Bromoform
Concen: 4.830 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion:173 Resp: 42994
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.2
254 11.7 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.175 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

ClientSampleId :

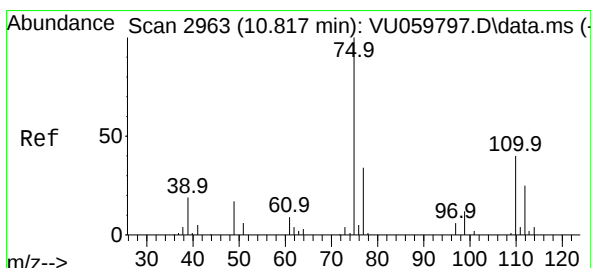
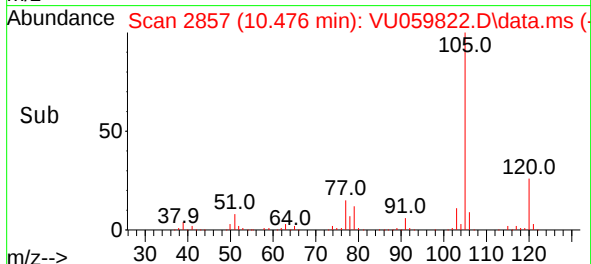
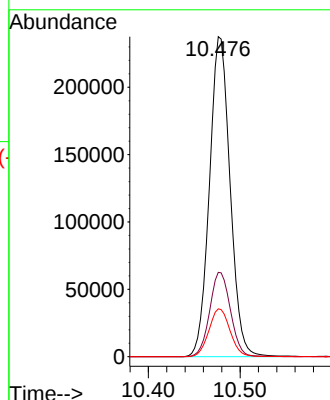
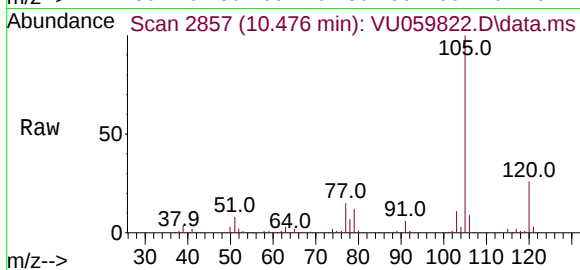
Tgt Ion:105 Resp: 371831

Ion Ratio Lower Upper

105 100

120 26.6 20.6 31.0

77 15.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.708 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

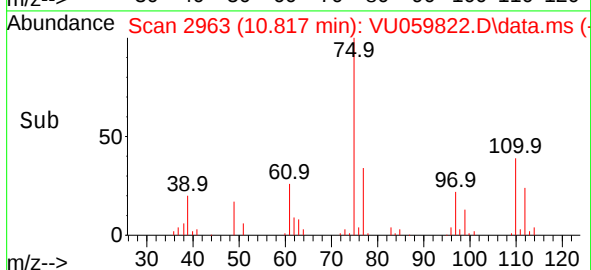
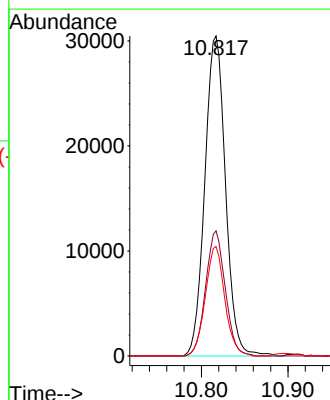
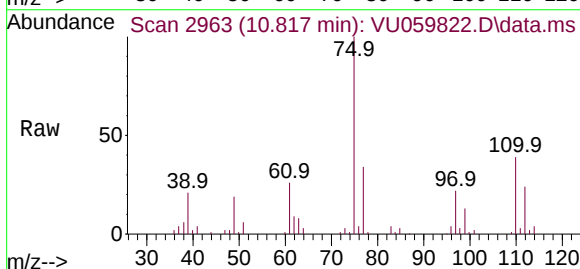
Tgt Ion: 75 Resp: 50603

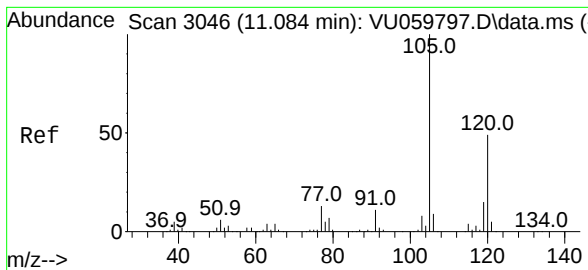
Ion Ratio Lower Upper

75 100

110 37.1 27.1 40.7

77 32.2 25.4 38.2

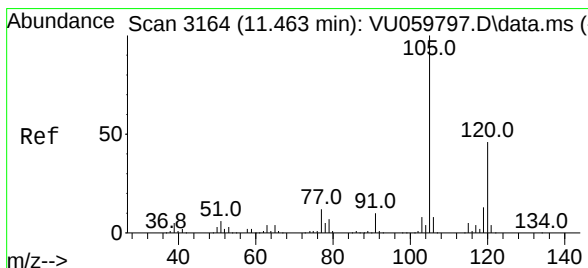
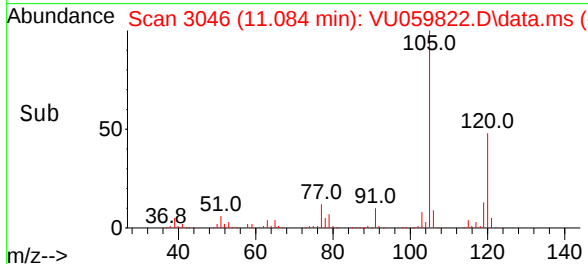
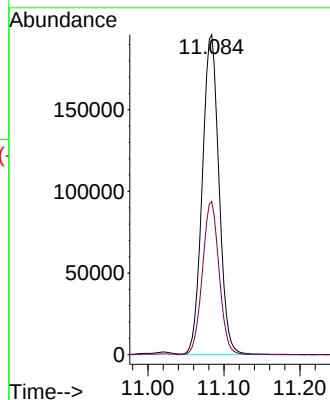
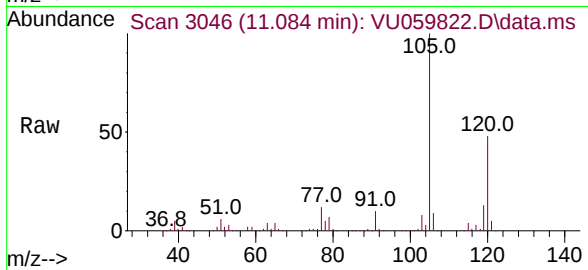




#62
1,3,5-Trimethylbenzene
Concen: 5.233 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

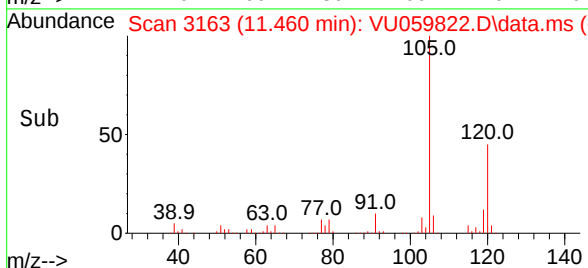
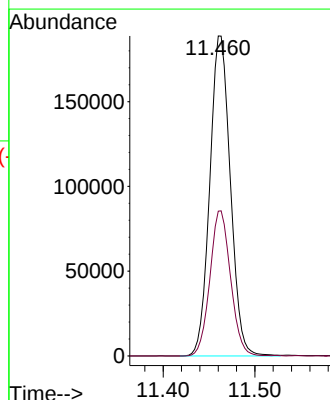
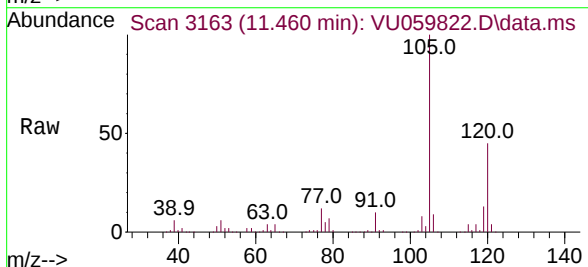
Instrument :
MSVOA_U
ClientSampleId :

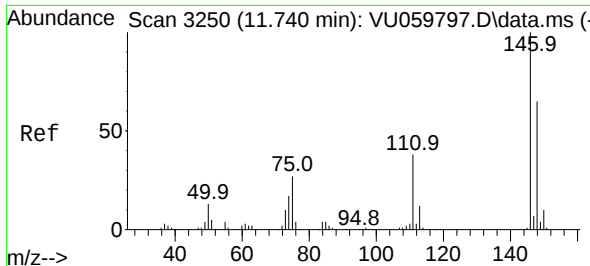
Tgt Ion:105 Resp: 297851
Ion Ratio Lower Upper
105 100
120 48.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.411 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU059822.D
Acq: 04 Jul 2024 01:17

Tgt Ion:105 Resp: 294489
Ion Ratio Lower Upper
105 100
120 45.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.069 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

ClientSampleId :

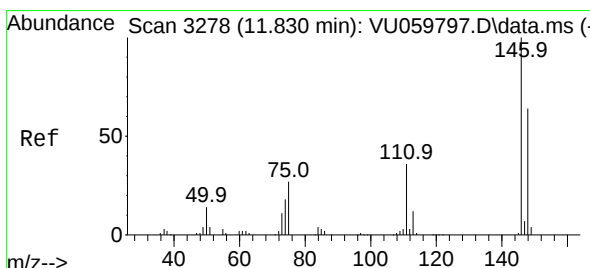
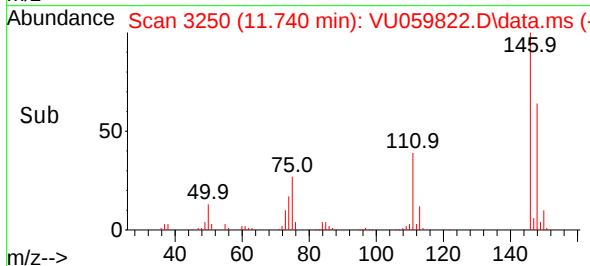
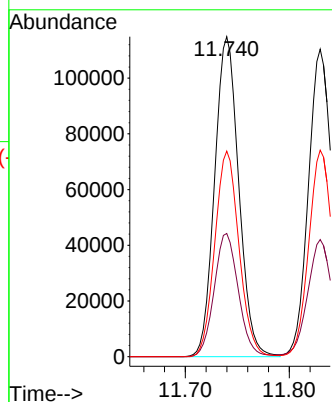
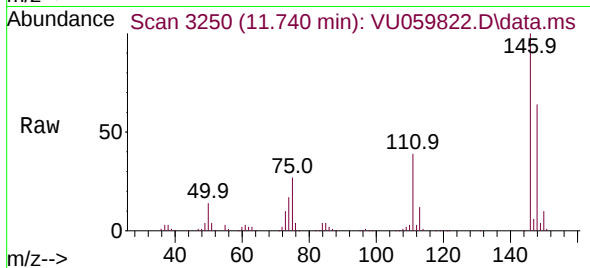
Tgt Ion:146 Resp: 185237

Ion Ratio Lower Upper

146 100

111 38.5 27.4 51.0

148 64.2 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.777 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

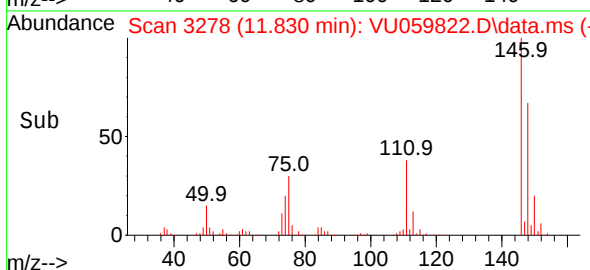
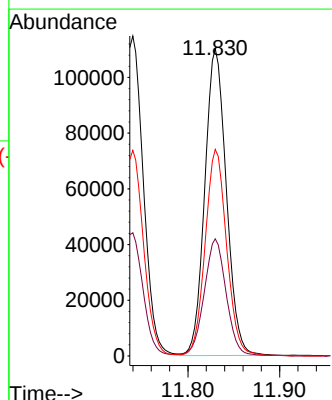
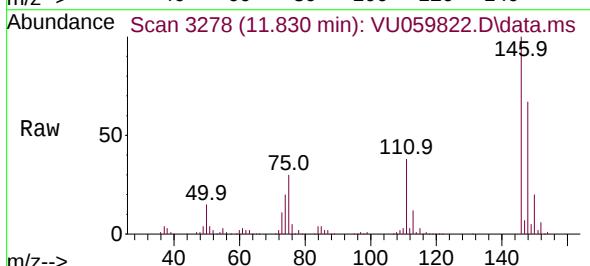
Tgt Ion:146 Resp: 179684

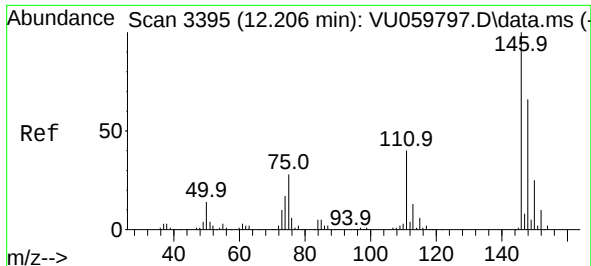
Ion Ratio Lower Upper

146 100

111 38.1 26.9 50.1

148 67.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.004 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

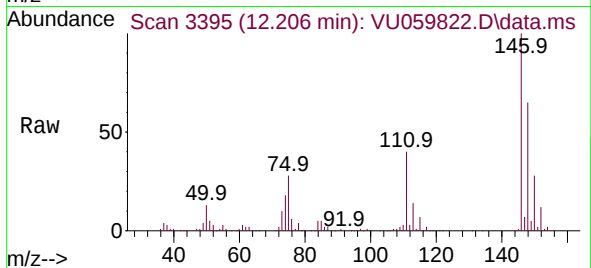
Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

ClientSampleId :



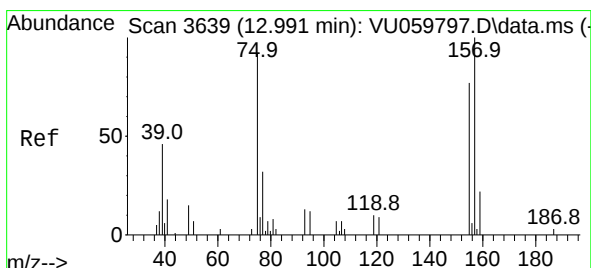
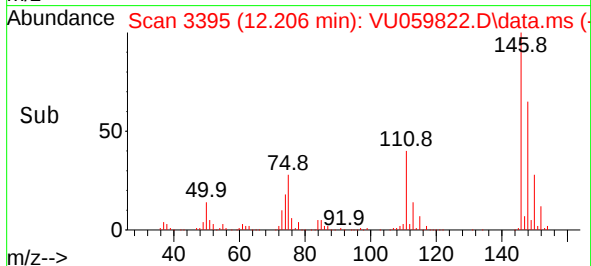
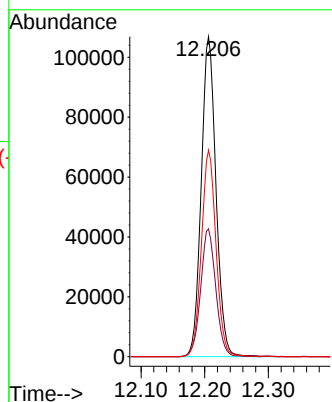
Tgt Ion:146 Resp: 172101

Ion Ratio Lower Upper

146 100

111 40.0 33.4 50.0

148 64.6 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.179 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

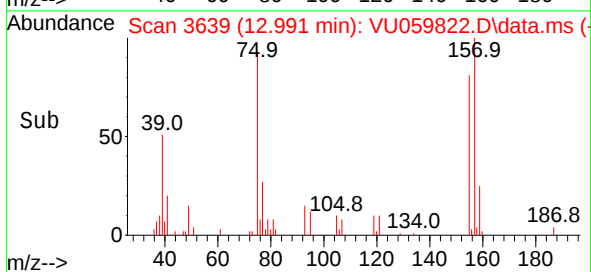
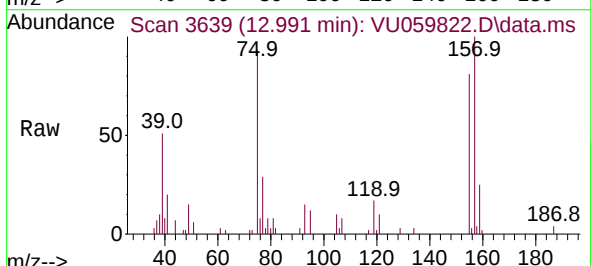
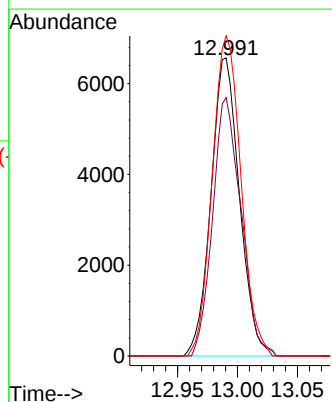
Tgt Ion: 75 Resp: 10857

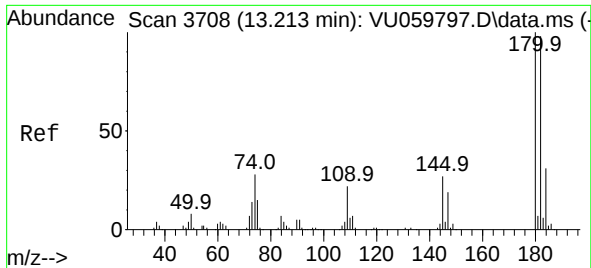
Ion Ratio Lower Upper

75 100

155 86.7 58.2 87.2

157 107.4 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.130 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

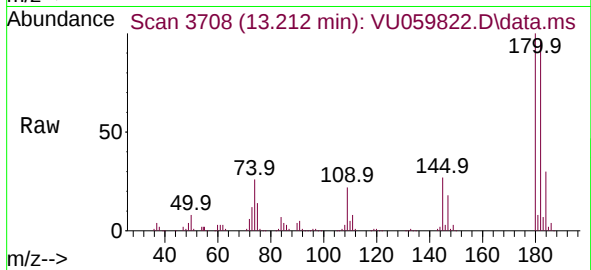
Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 138785

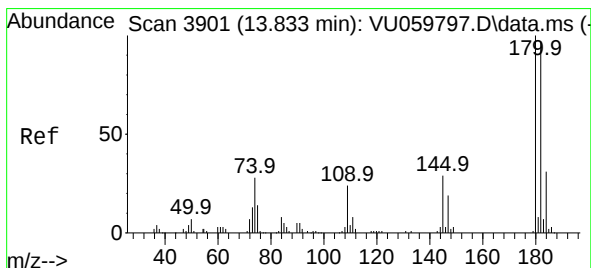
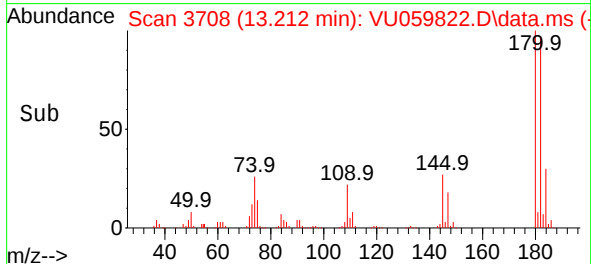
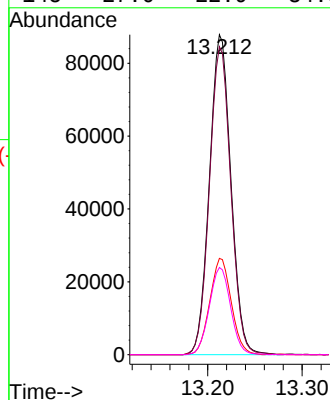
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.0

184 30.1 23.0 34.6

145 27.0 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.623 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

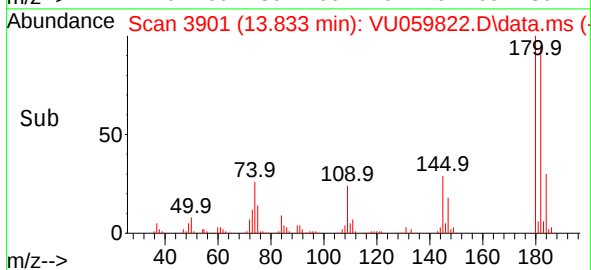
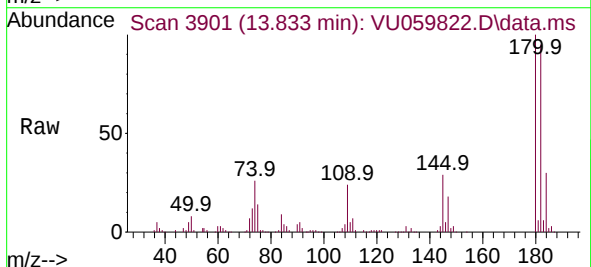
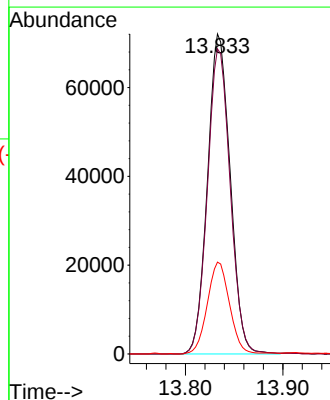
Tgt Ion:180 Resp: 116689

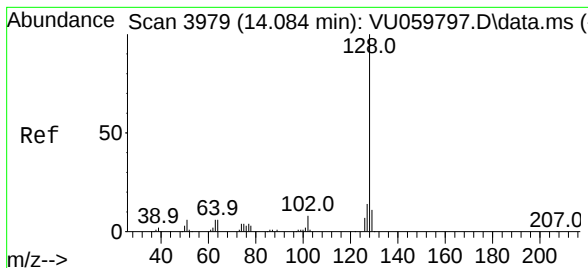
Ion Ratio Lower Upper

180 100

182 95.9 74.9 112.3

145 28.0 23.9 35.9





#71

Naphthalene

Concen: 8.417 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Instrument :

MSVOA_U

ClientSampleId :

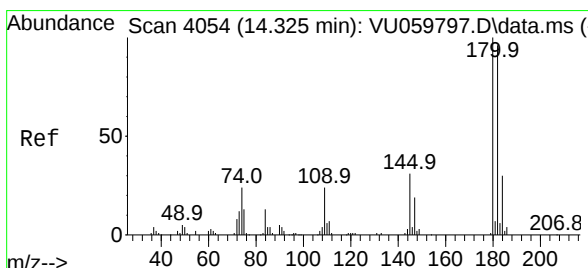
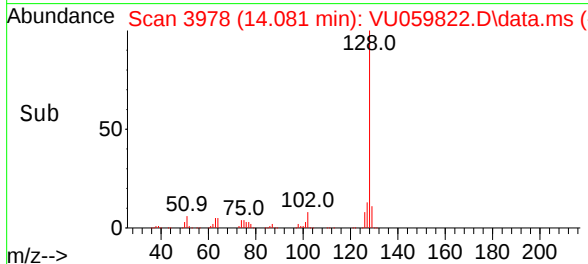
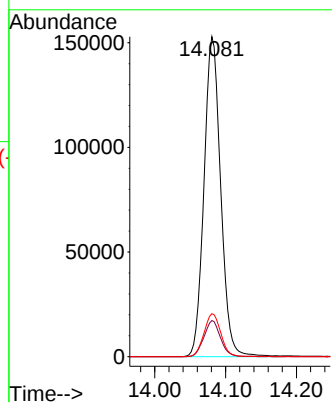
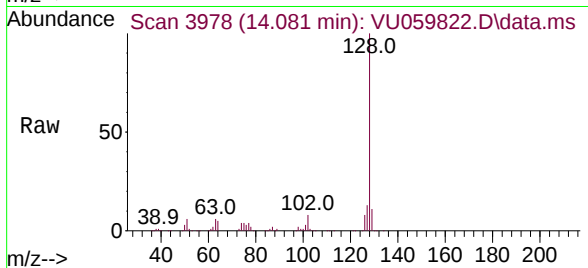
Tgt Ion:128 Resp: 249990

Ion Ratio Lower Upper

128 100

129 11.2 8.2 12.4

127 13.6 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.440 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU059822.D

Acq: 04 Jul 2024 01:17

Tgt Ion:180 Resp: 104808

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.6

145 30.6 26.2 39.4

