

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059432.D
 Acq On : 22 Jun 2024 01:24
 Operator : MD/SY
 Sample : P2936-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 01:42:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 22 01:35:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147724	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42108	4.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.907	69	43950	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	17074	4.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.621	46	128045	60.516	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.040%
24) Chloroform-d	5.055	84	100237	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.695	65	50581	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	189458	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.685	67	61314	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.894	98	170225	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	17619	4.316	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.627	63	101236	59.684	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56547	5.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	66778	4.619	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63714	5.090	ug/L	99
3) Chloromethane	1.515	50	71790	5.329	ug/L	98
5) Vinyl chloride	1.599	62	80352	5.399	ug/L	96
6) Bromomethane	1.853	94	50446	4.875	ug/L	98
8) Chloroethane	1.927	64	48579	5.417	ug/L	97
9) Trichlorofluoromethane	2.132	101	94157	5.256	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56679	4.998	ug/L	96
12) 1,1-Dichloroethene	2.573	96	56033	5.348	ug/L	80
13) Acetone	2.631	43	78741	57.369	ug/L	96
14) Carbon disulfide	2.785	76	176619	5.053	ug/L	99
15) Methyl Acetate	2.949	43	22938	6.333	ug/L	98
16) Methylene chloride	3.036	84	69455	5.594	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	129187	5.722	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	58238	5.345	ug/L	92
19) 1,1-Dichloroethane	3.859	63	108593	5.405	ug/L	96
21) 2-Butanone	4.701	43	133804	60.779	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	64087	5.336	ug/L	94
23) Bromochloromethane	4.968	128	30525	5.575	ug/L	89
25) Chloroform	5.081	83	114048	5.389	ug/L	98

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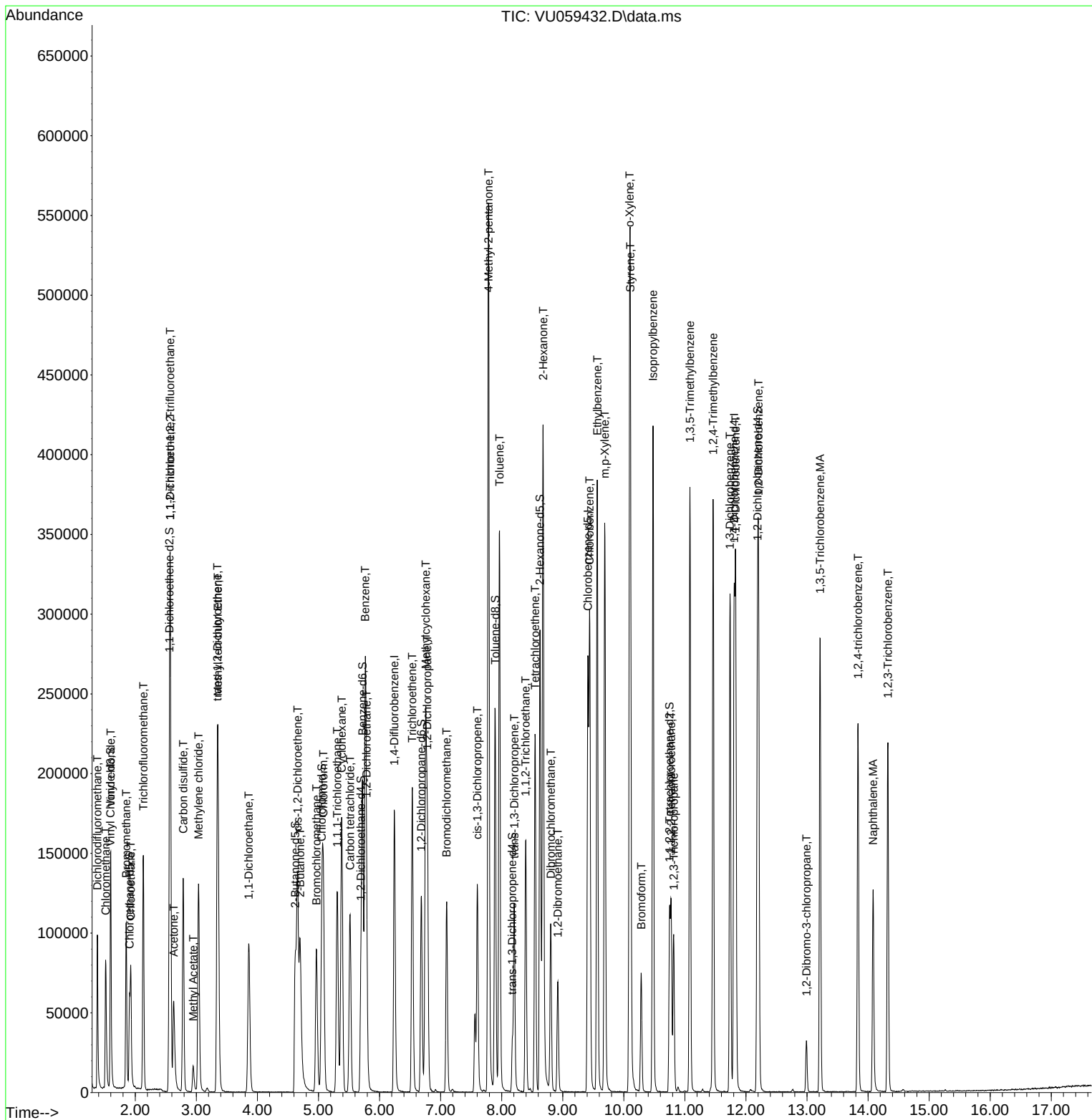
Instrument :
 MSVOA_U
 ClientSampleId :

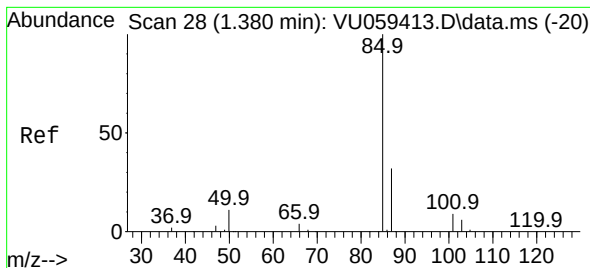
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70674	5.511	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	91503	5.126	ug/L	99
30) Cyclohexane	5.380	56	79920	5.071	ug/L	94
31) Carbon tetrachloride	5.518	117	77362	5.176	ug/L	99
33) Benzene	5.766	78	250964	5.346	ug/L	100
34) Trichloroethene	6.537	95	66084	5.198	ug/L	96
35) Methylcyclohexane	6.756	83	89182	4.930	ug/L	96
37) 1,2-Dichloropropane	6.782	63	65005	5.351	ug/L	98
38) Bromodichloromethane	7.100	83	79537	5.245	ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	82093	4.941	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	339337	60.280	ug/L	96
42) Toluene	7.965	91	270290	5.438	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	68346	5.125	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	51484	5.751	ug/L	98
47) Tetrachloroethene	8.547	164	52664	5.338	ug/L	92
48) 2-Hexanone	8.679	43	247900	61.704	ug/L	94
49) Dibromochloromethane	8.804	129	54602	5.506	ug/L	95
50) 1,2-Dibromoethane	8.920	107	47731	5.773	ug/L	99
51) Chlorobenzene	9.441	112	168712	5.352	ug/L	94
52) Ethylbenzene	9.566	91	274290	5.380	ug/L	99
53) m,p-Xylene	9.688	106	103930	5.308	ug/L	99
54) o-Xylene	10.097	106	101792	5.478	ug/L	96
55) Styrene	10.110	104	178518	5.643	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	60533	5.574	ug/L	98
59) Bromoform	10.286	173	34256	5.511	ug/L	98
60) Isopropylbenzene	10.479	105	263182	5.245	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	41930	5.586	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	204455	5.144	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	204876	5.391	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	133181	5.219	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	133616	5.087	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	126637	5.273	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8952	6.115	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	95825	5.073	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	76157	5.256	ug/L	99
71) Naphthalene	14.084	128	109860	5.297	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	72462	5.385	ug/L	97

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

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#2

Dichlorodifluoromethane

Concen: 5.090 ug/L

RT: 1.380 min Scan# 20

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

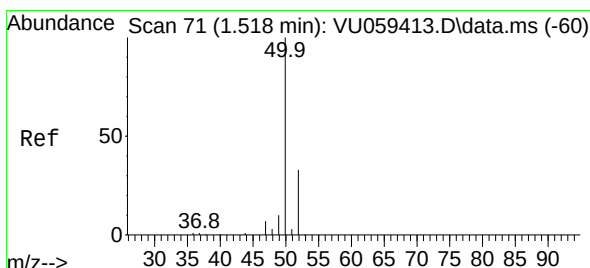
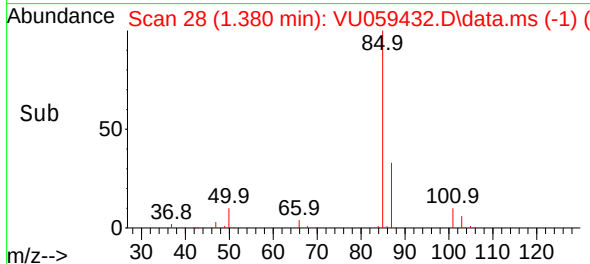
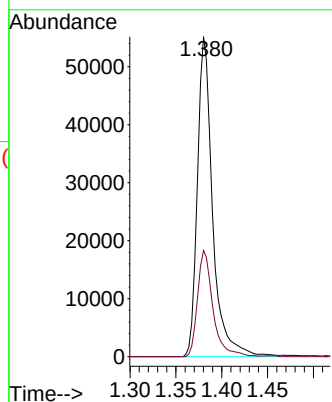
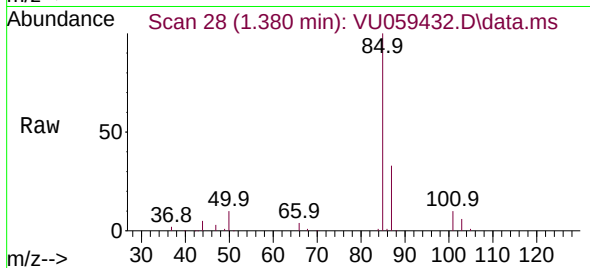
ClientSampleId :

Tgt Ion: 85 Resp: 63714

Ion Ratio Lower Upper

85 100

87 33.6 26.6 40.0



#3

Chloromethane

Concen: 5.329 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU059432.D

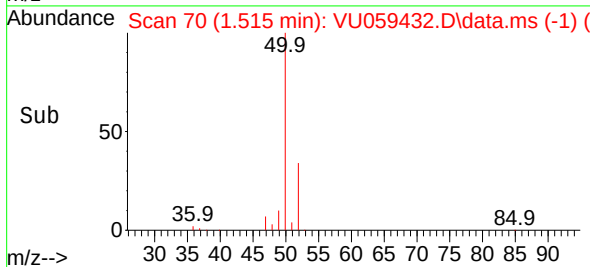
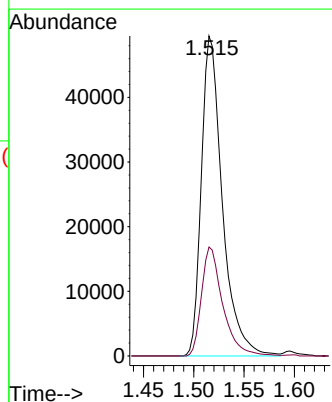
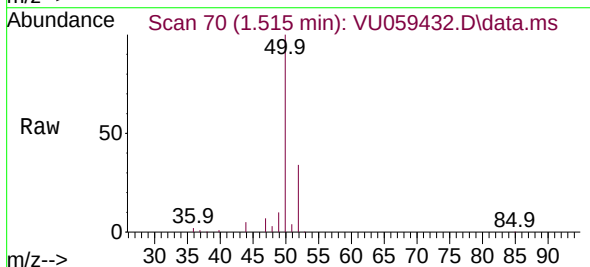
Acq: 22 Jun 2024 01:24

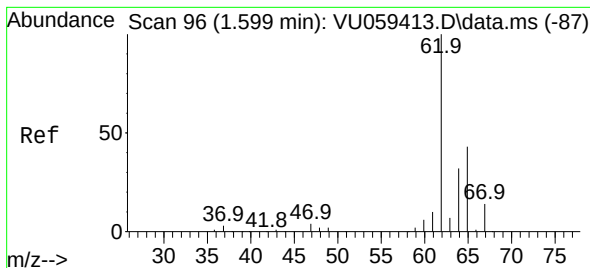
Tgt Ion: 50 Resp: 71790

Ion Ratio Lower Upper

50 100

52 34.0 23.2 43.0





#5

Vinyl chloride

Concen: 5.399 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

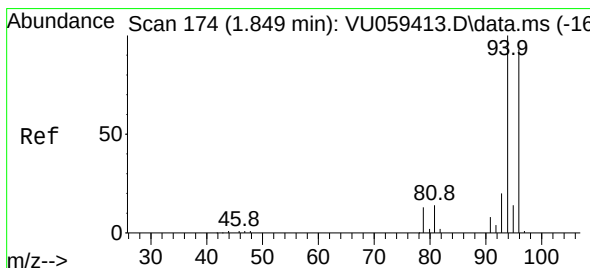
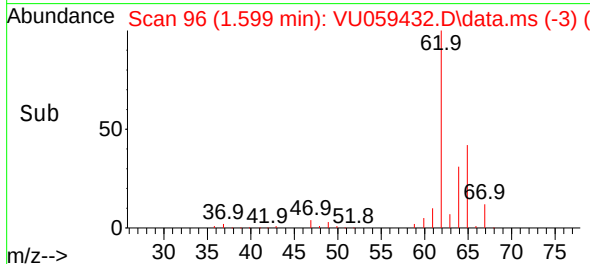
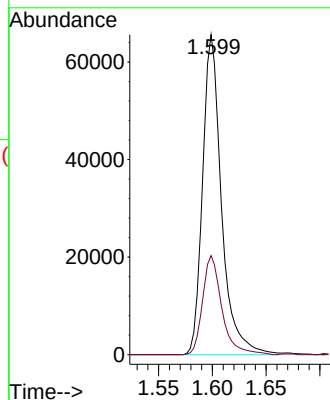
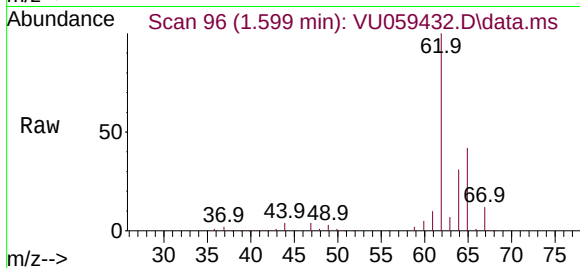
ClientSampleId :

Tgt Ion: 62 Resp: 80352

Ion Ratio Lower Upper

62 100

64 30.9 23.1 42.9



#6

Bromomethane

Concen: 4.875 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU059432.D

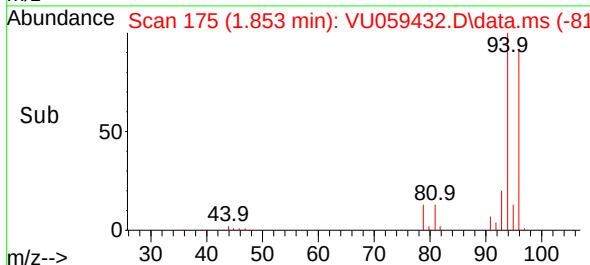
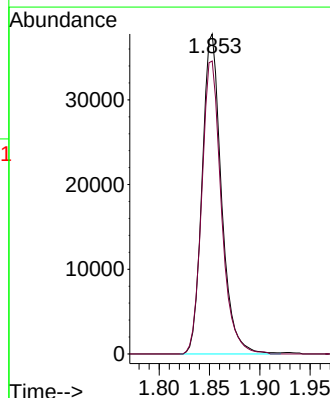
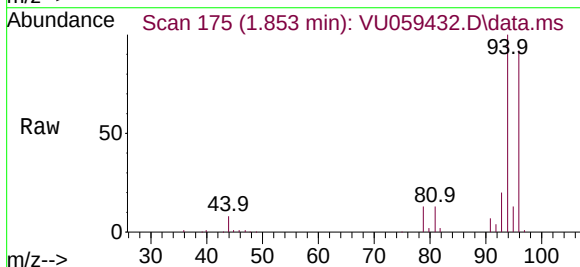
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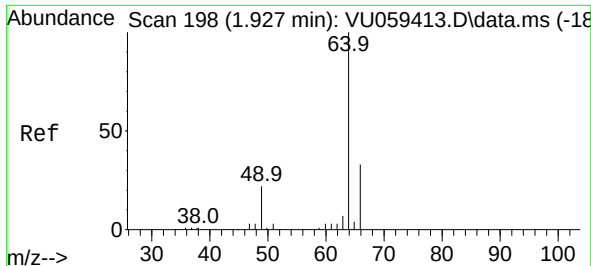
Tgt Ion: 94 Resp: 50446

Ion Ratio Lower Upper

94 100

96 91.6 62.9 116.9

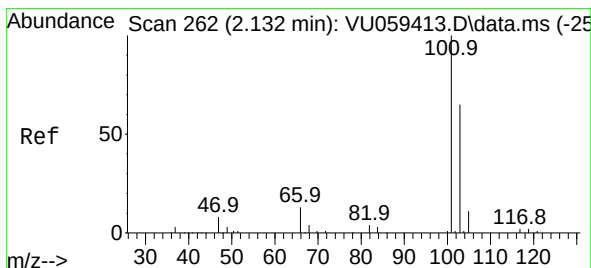
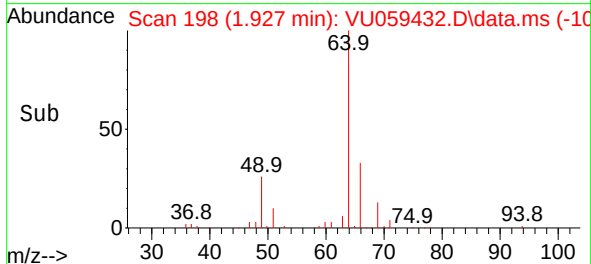
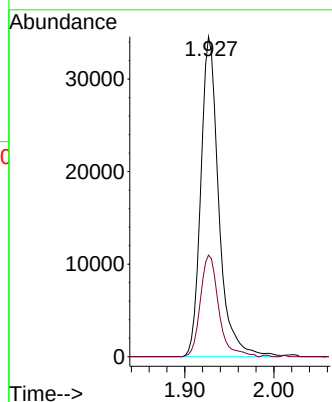
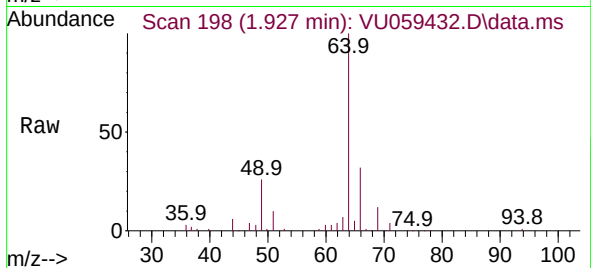




#8
Chloroethane
Concen: 5.417 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

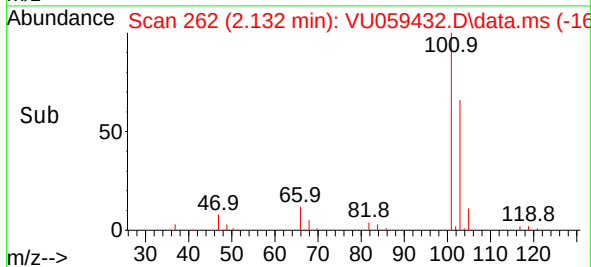
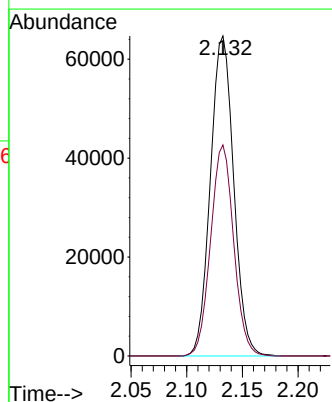
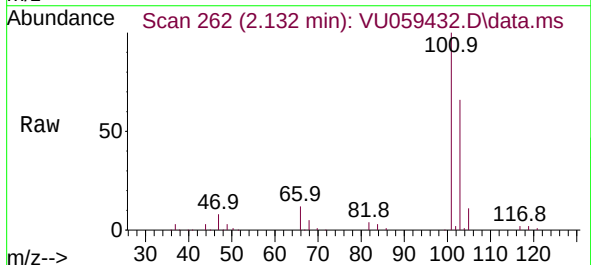
Instrument :
MSVOA_U
ClientSampleId :

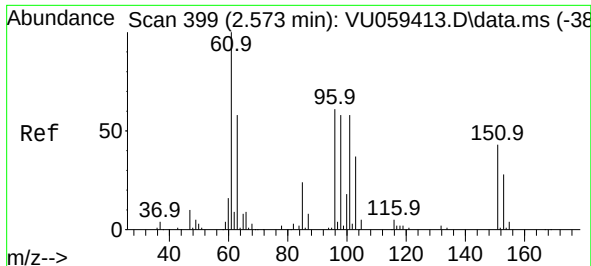
Tgt Ion: 64 Resp: 48579
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.256 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion:101 Resp: 94157
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0

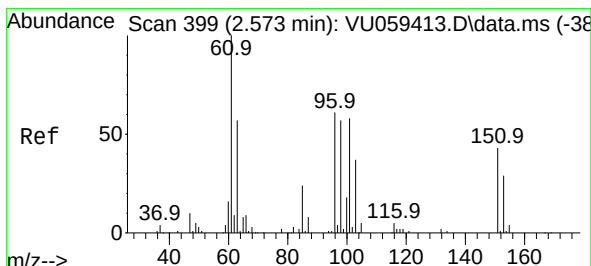
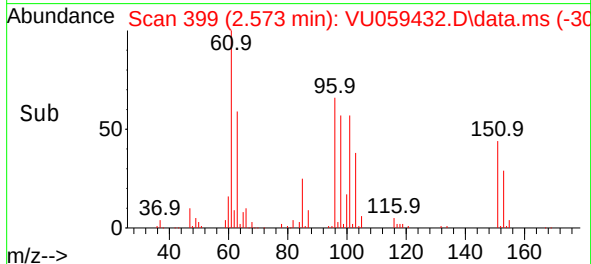
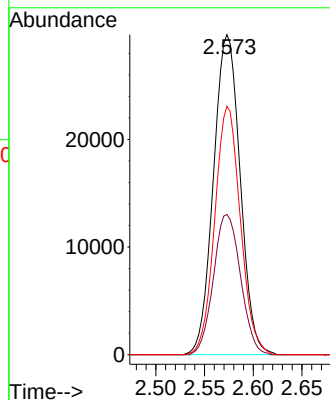
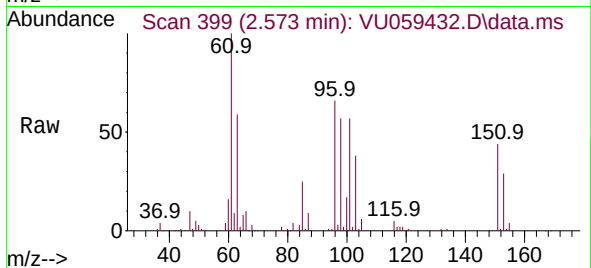




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.998 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

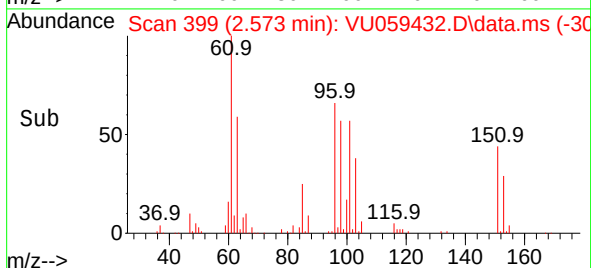
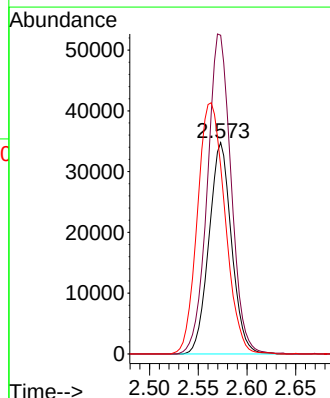
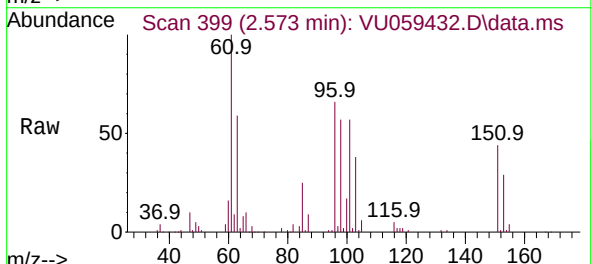
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MSVOA_U
ClientSampleId :

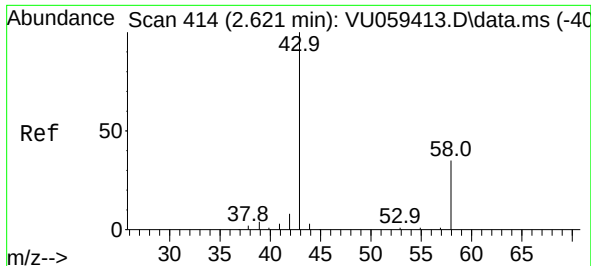
Tgt Ion:101 Resp: 56679
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.4
151 74.6 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.348 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion: 96 Resp: 56033
Ion Ratio Lower Upper
96 100
61 150.8 122.9 228.3
63 88.8 80.4 149.4





#13

Acetone

Concen: 57.369 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

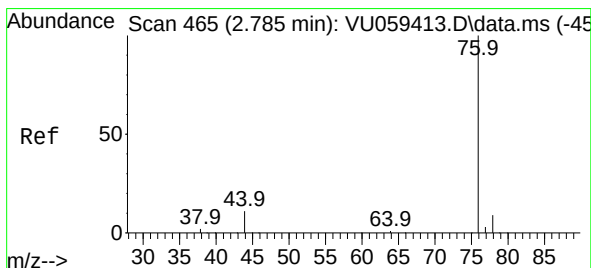
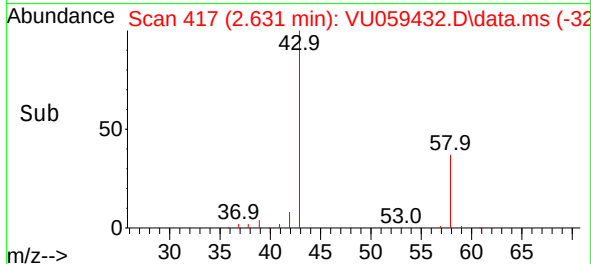
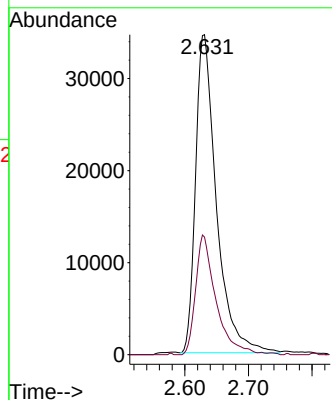
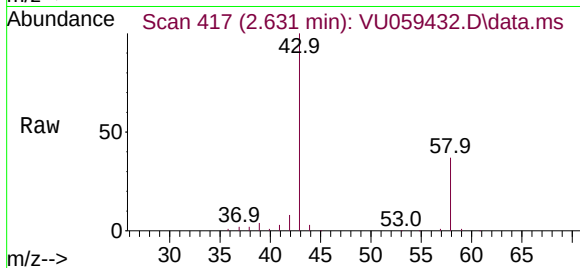
ClientSampleId :

Tgt Ion: 43 Resp: 78741

Ion Ratio Lower Upper

43 100

58 36.4 0.0 68.0



#14

Carbon disulfide

Concen: 5.053 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059432.D

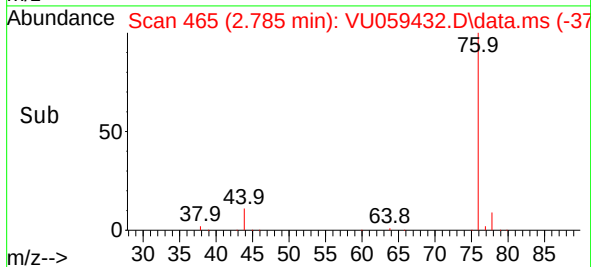
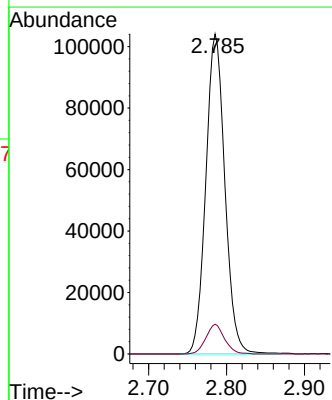
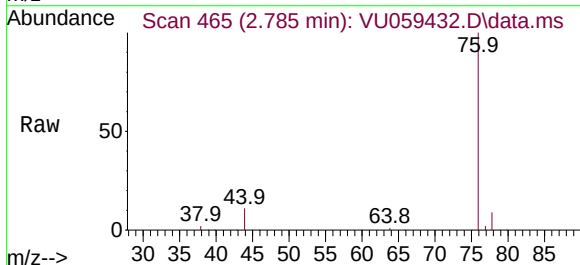
Acq: 22 Jun 2024 01:24

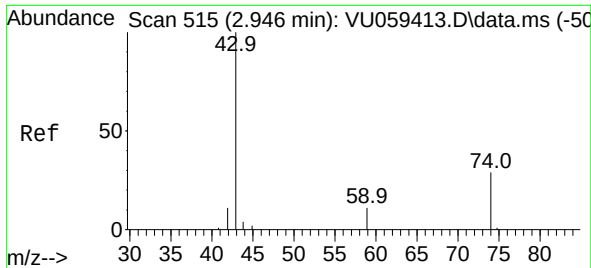
Tgt Ion: 76 Resp: 176619

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 6.333 ug/L

RT: 2.949 min Scan# 515

Delta R.T. 0.003 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

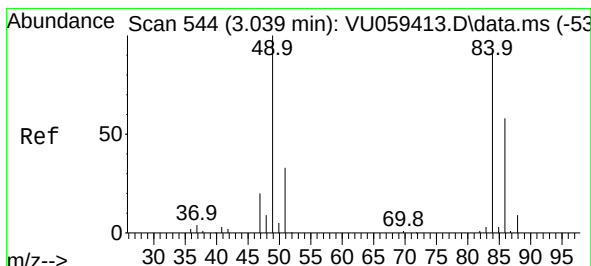
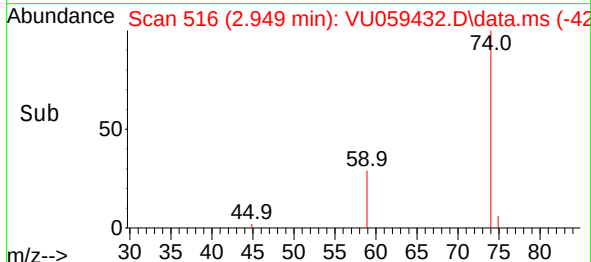
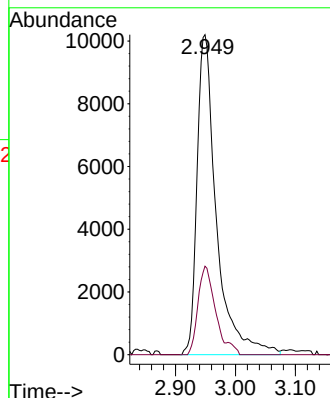
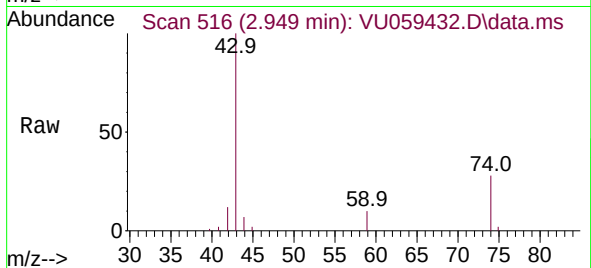
ClientSampleId :

Tgt Ion: 43 Resp: 22938

Ion Ratio Lower Upper

43 100

74 25.2 19.2 28.8



#16

Methylene chloride

Concen: 5.594 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

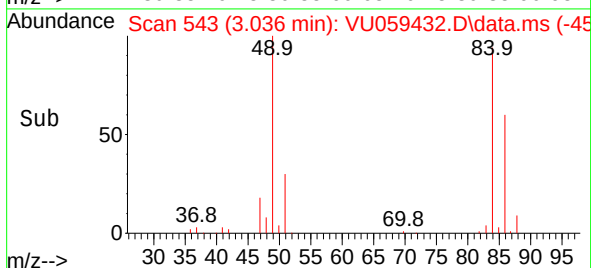
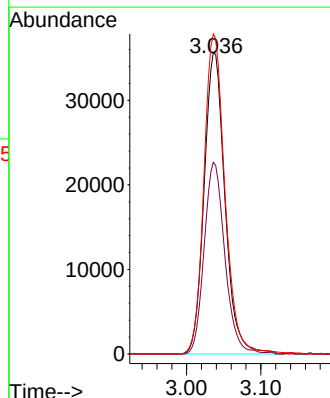
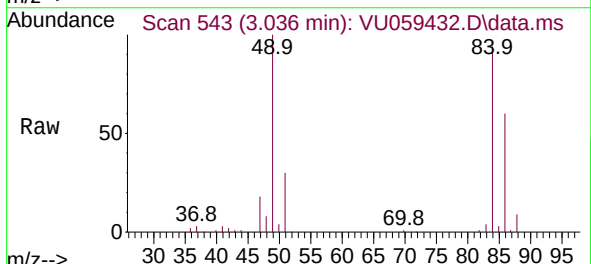
Tgt Ion: 84 Resp: 69455

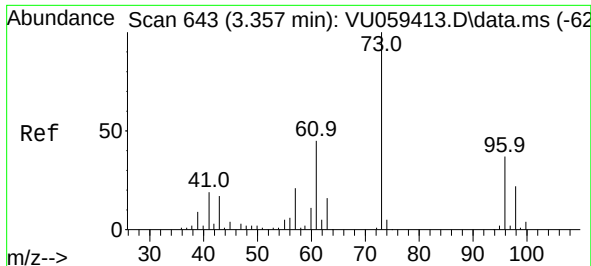
Ion Ratio Lower Upper

84 100

86 63.6 42.1 78.1

49 106.1 80.6 149.8





#17

Methyl tert-butyl Ether

Concen: 5.722 ug/L

RT: 3.354 min Scan# 64

Delta R.T. -0.003 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :

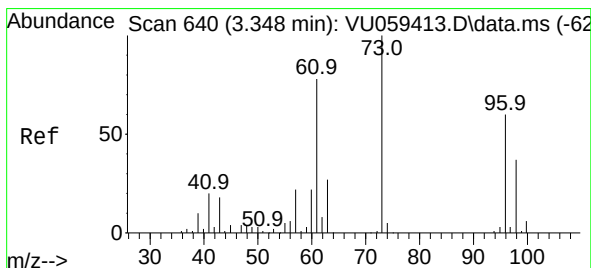
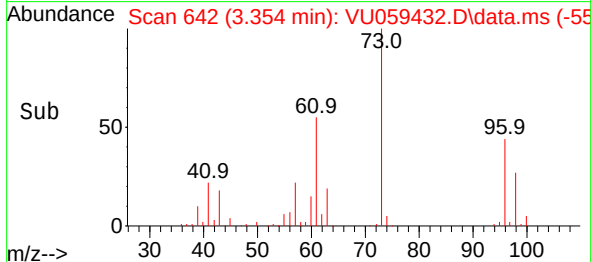
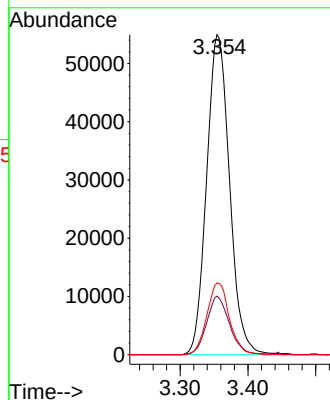
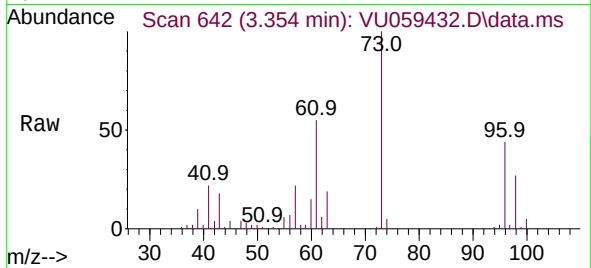
Tgt Ion: 73 Resp: 129187

Ion Ratio Lower Upper

73 100

43 18.2 14.9 22.3

57 21.9 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.345 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

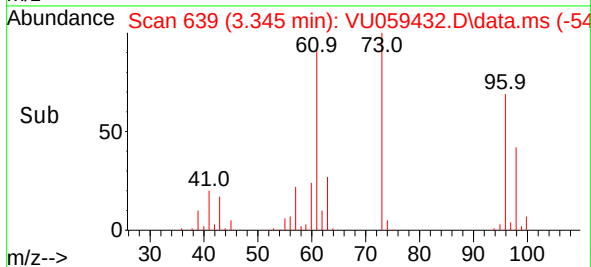
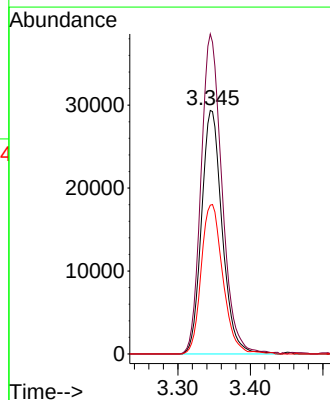
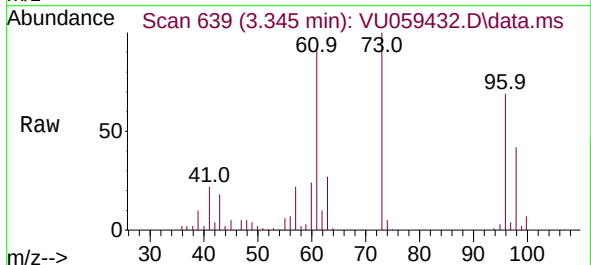
Tgt Ion: 96 Resp: 58238

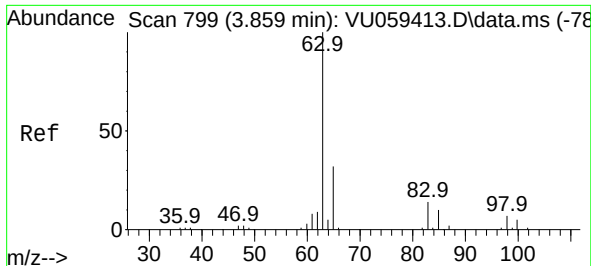
Ion Ratio Lower Upper

96 100

61 131.4 101.8 189.0

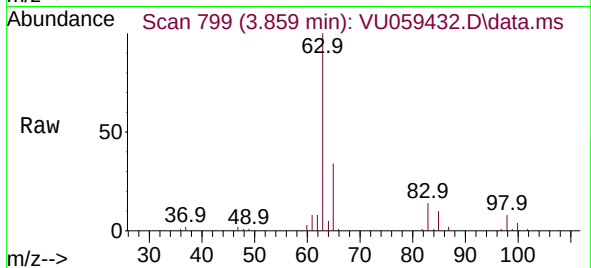
98 61.1 43.3 80.5



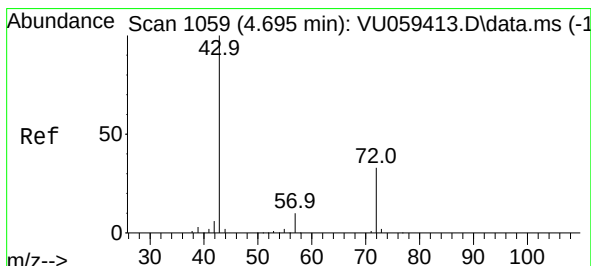
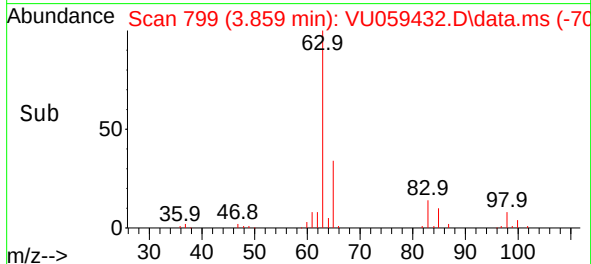
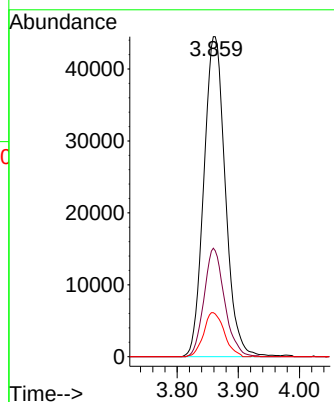


#19
1,1-Dichloroethane
Concen: 5.405 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Instrument :
MSVOA_U
ClientSampleId :

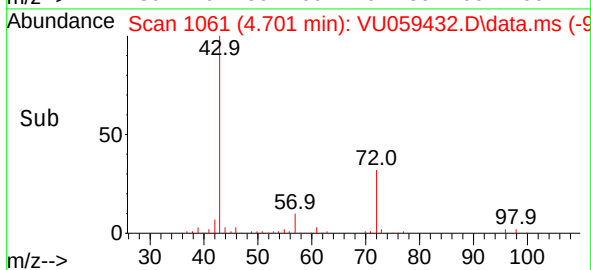
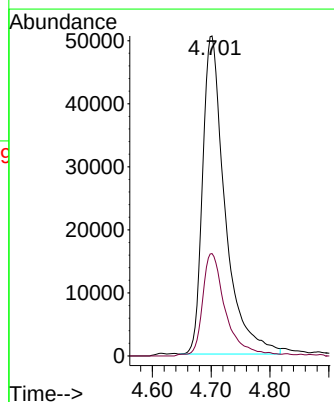
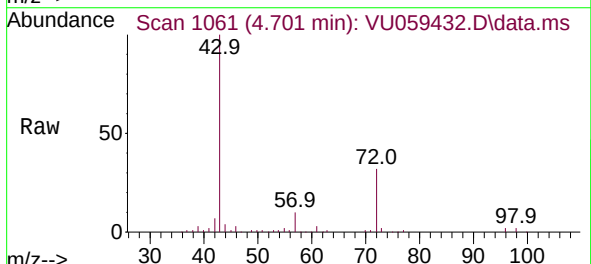


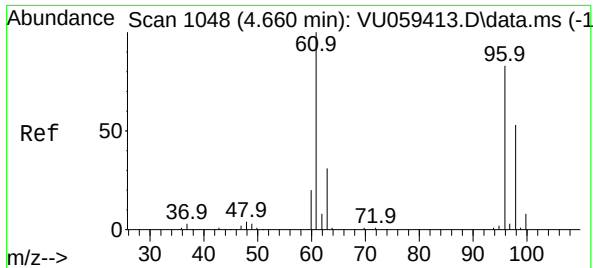
Tgt Ion: 63 Resp: 108593
Ion Ratio Lower Upper
63 100
65 33.9 21.8 40.6
83 13.8 9.9 18.5



#21
2-Butanone
Concen: 60.779 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

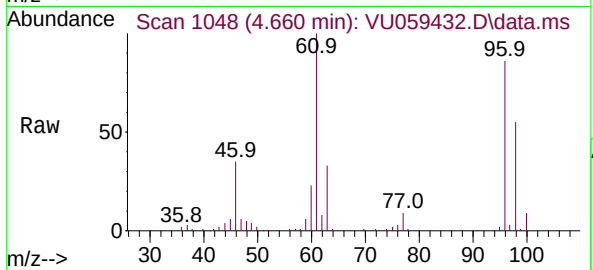
Tgt Ion: 43 Resp: 133804
Ion Ratio Lower Upper
43 100
72 33.0 13.8 41.4



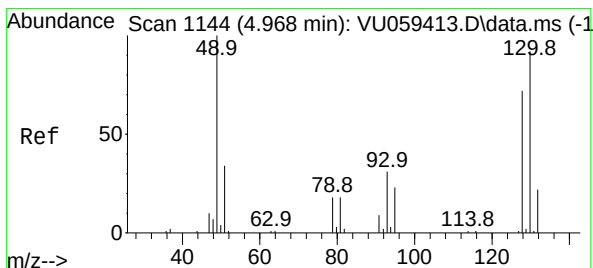
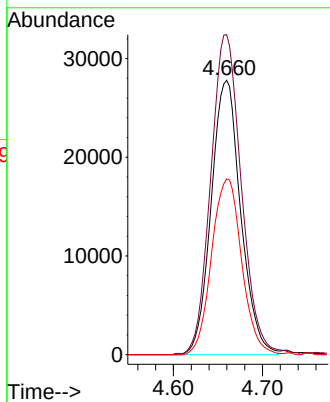
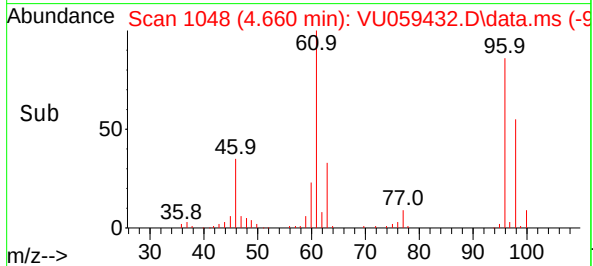


#22
cis-1,2-Dichloroethene
Concen: 5.336 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

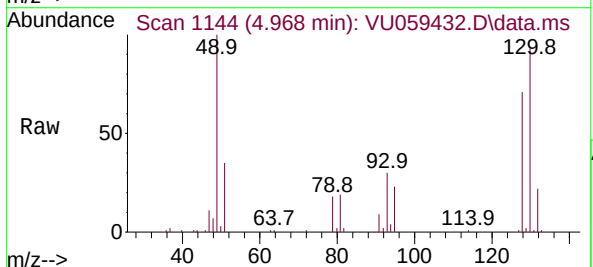
Instrument :
MSVOA_U
ClientSampleId :



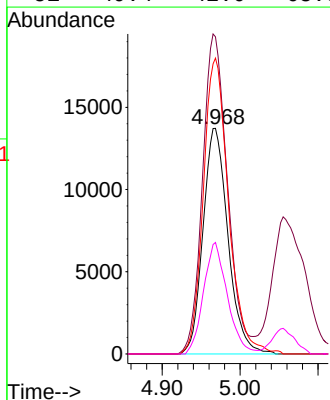
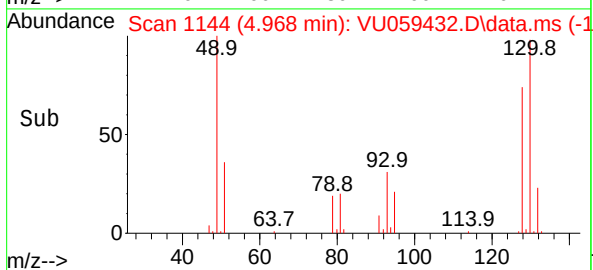
Tgt Ion: 96 Resp: 64087
Ion Ratio Lower Upper
96 100
61 116.6 87.4 162.2
98 64.0 42.3 78.5

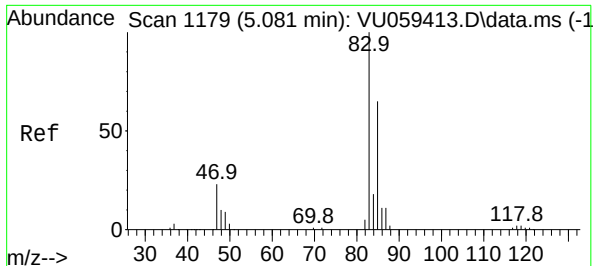


#23
Bromochloromethane
Concen: 5.575 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24



Tgt Ion: 128 Resp: 30525
Ion Ratio Lower Upper
128 100
49 140.6 117.0 217.4
130 131.1 89.6 166.4
51 49.4 42.0 63.0

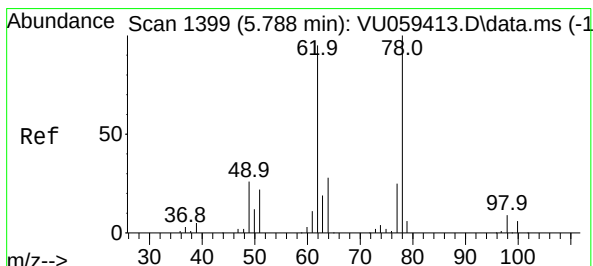
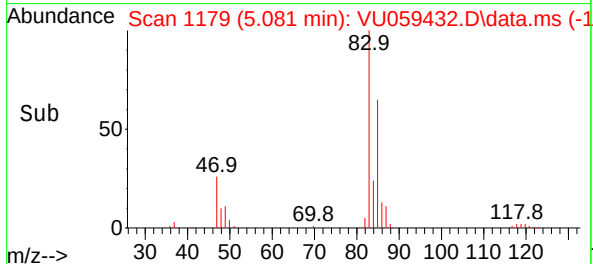
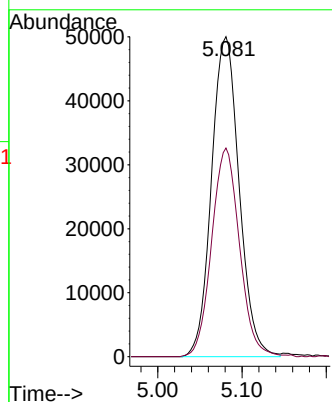
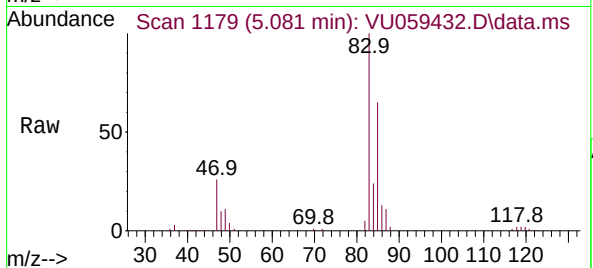




#25
Chloroform
Concen: 5.389 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

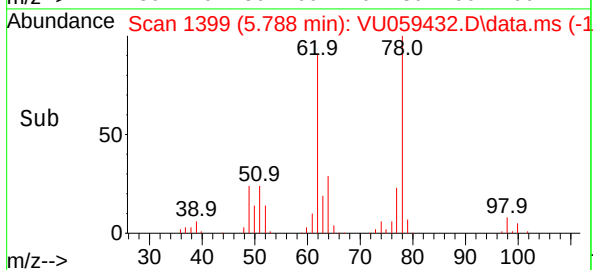
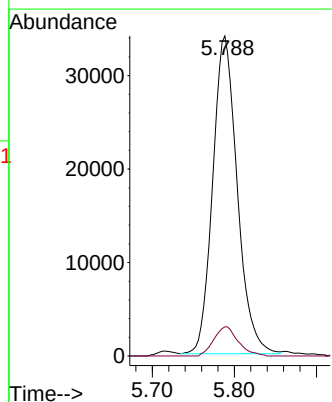
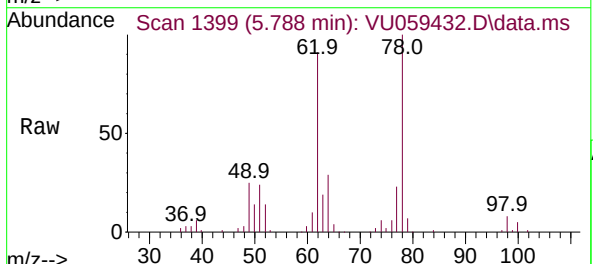
Instrument :
MSVOA_U
ClientSampleId :

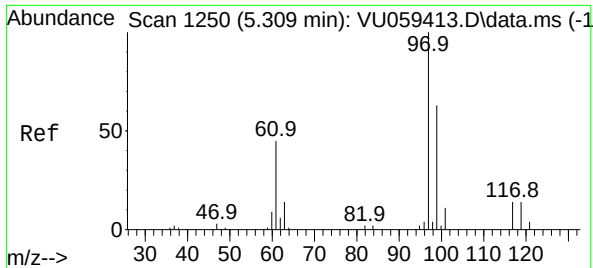
Tgt Ion: 83 Resp: 114048
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.511 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion: 62 Resp: 70674
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3

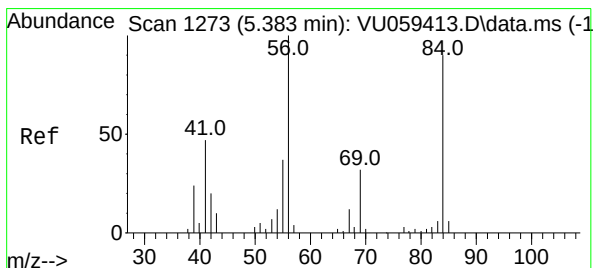
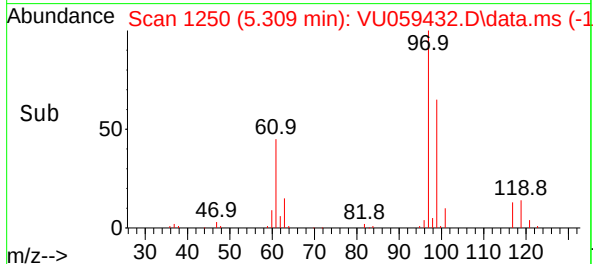
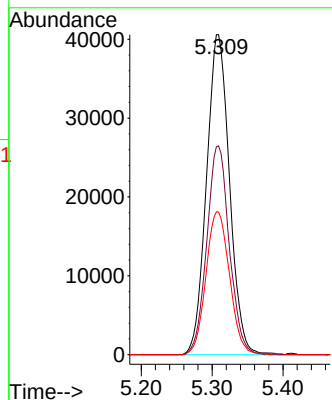
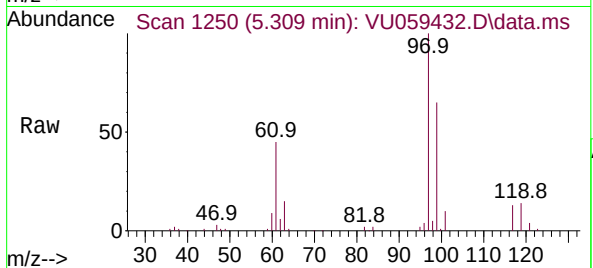




#29
1,1,1-Trichloroethane
Concen: 5.126 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

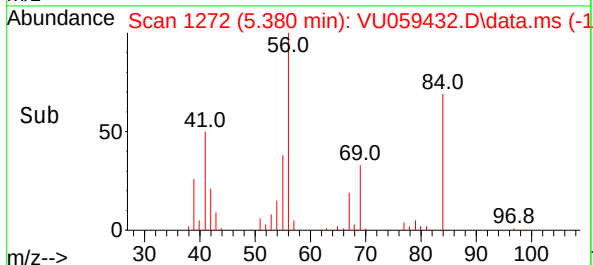
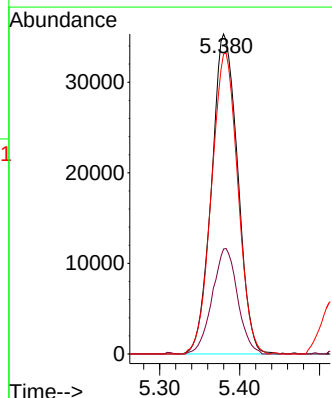
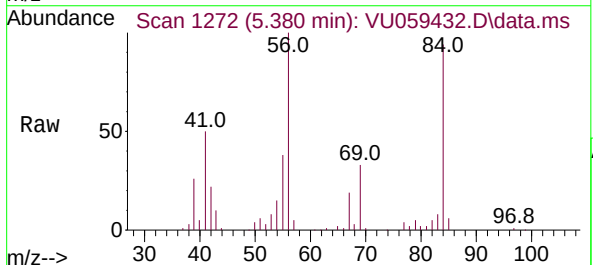
Instrument :
MSVOA_U
ClientSampleId :

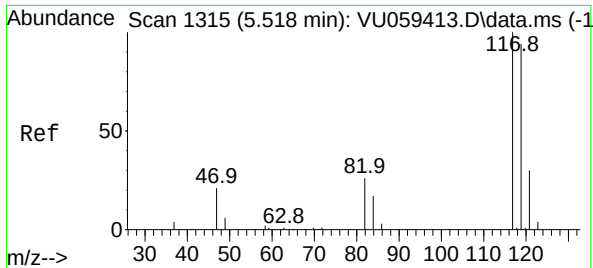
Tgt Ion:	97	Resp:	91503
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	45.8	37.4	56.2



#30
Cyclohexane
Concen: 5.071 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion:	56	Resp:	79920
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.8	37.2
84	94.7	69.8	104.8

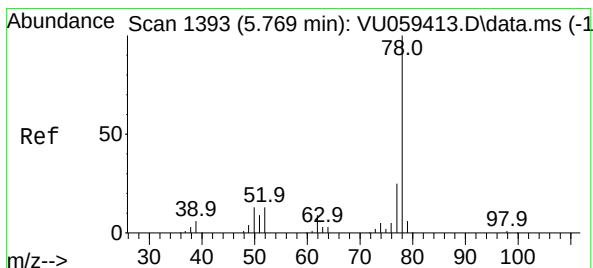
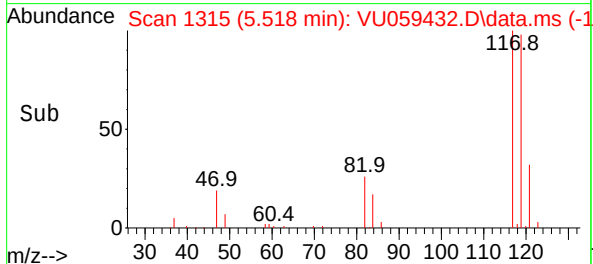
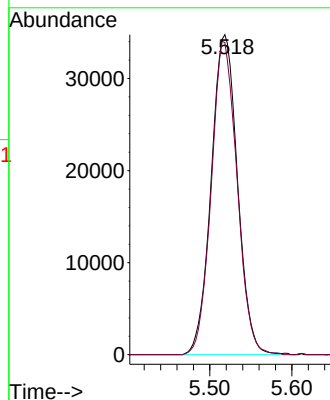
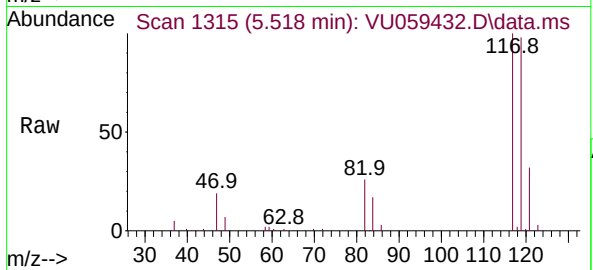




#31
Carbon tetrachloride
Concen: 5.176 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

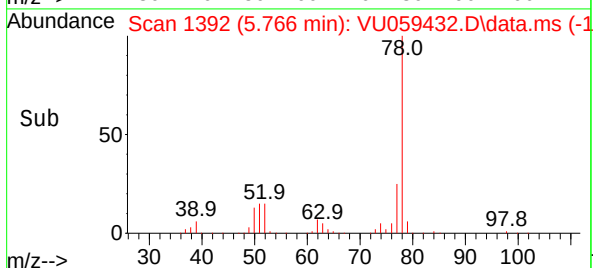
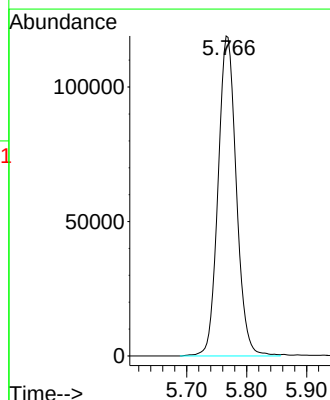
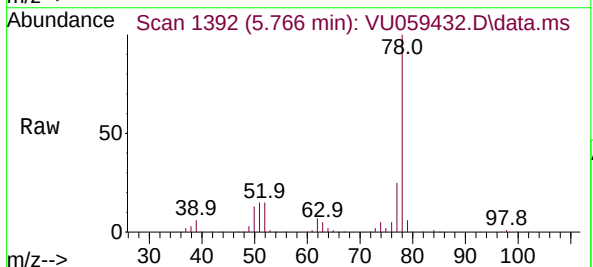
Instrument :
MSVOA_U
ClientSampleId :

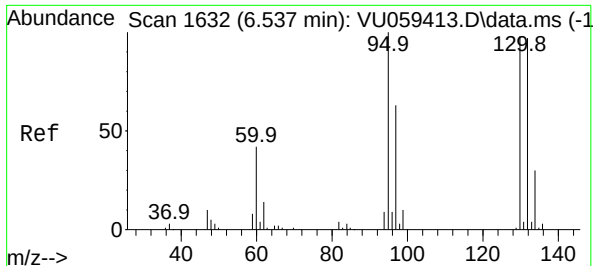
Tgt Ion:117 Resp: 77362
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 5.346 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion: 78 Resp: 250964

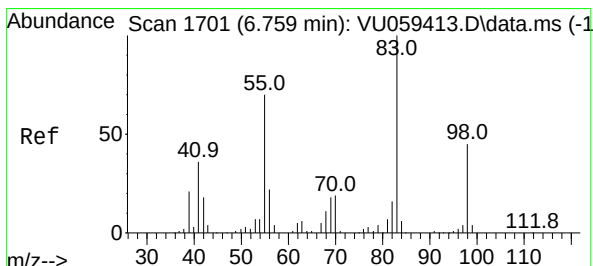
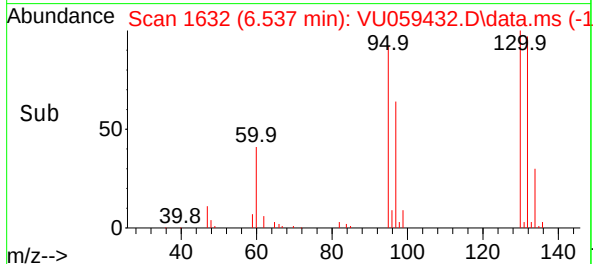
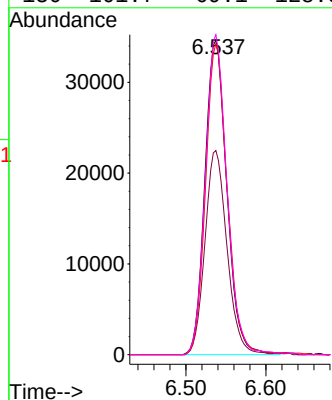
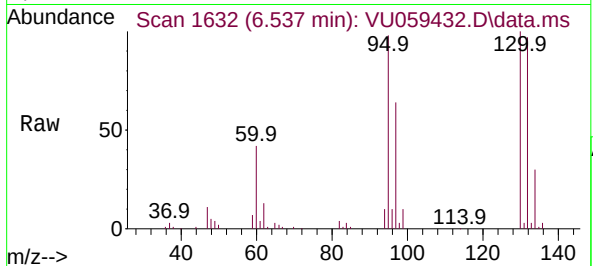




#34
Trichloroethene
Concen: 5.198 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

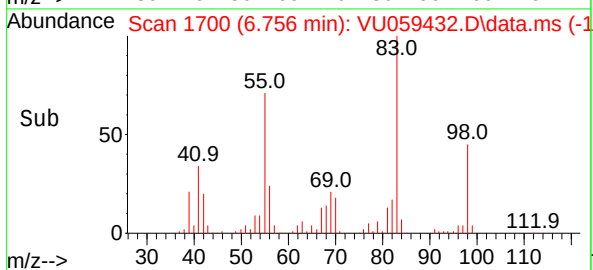
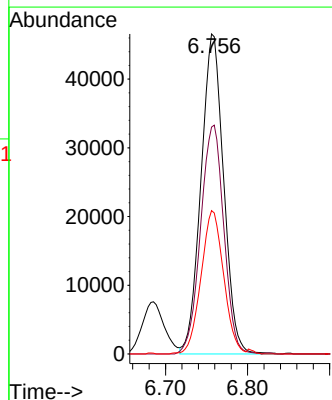
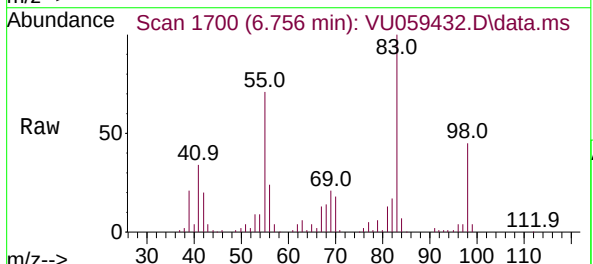
Instrument :
MSVOA_U
ClientSampleId :

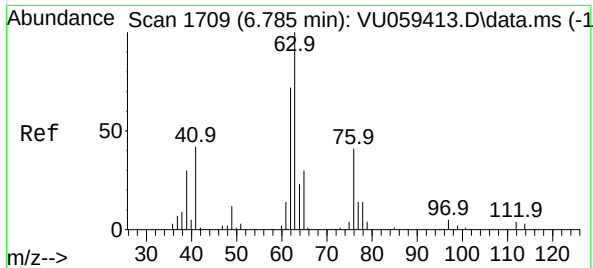
Tgt Ion: 95 Resp: 66084
Ion Ratio Lower Upper
95 100
97 64.9 45.3 84.1
132 98.8 64.0 119.0
130 101.7 69.1 128.3



#35
Methylcyclohexane
Concen: 4.930 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion: 83 Resp: 89182
Ion Ratio Lower Upper
83 100
55 73.2 62.7 94.1
98 44.7 35.4 53.0

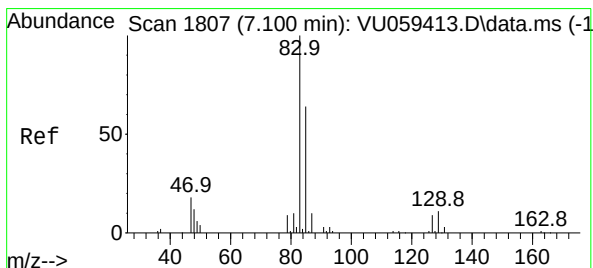
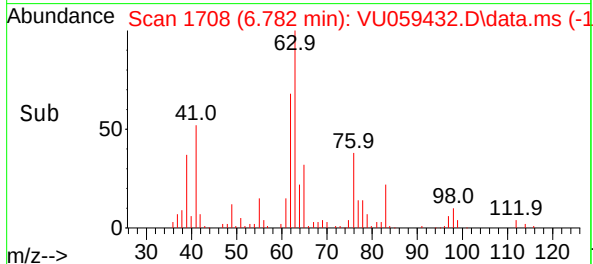
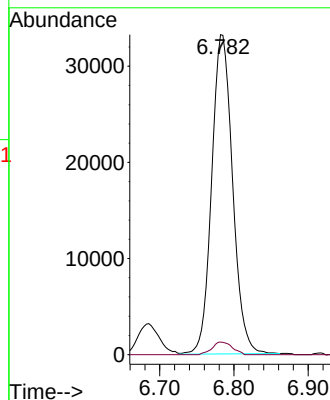
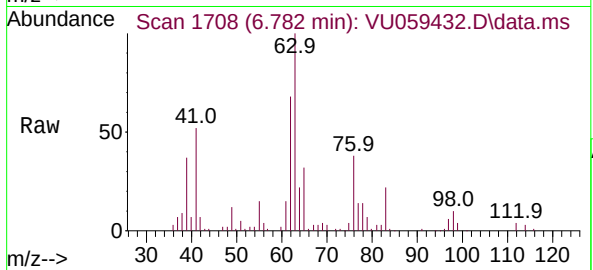




#37
1,2-Dichloropropane
Concen: 5.351 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

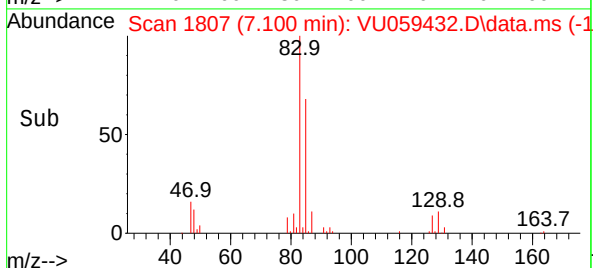
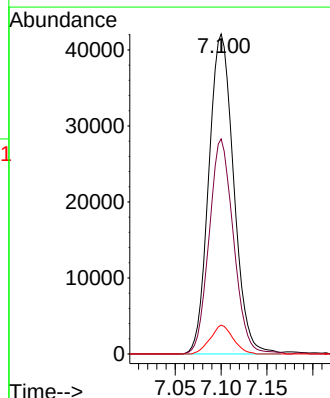
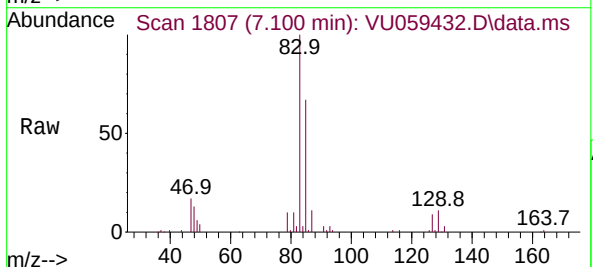
Instrument :
MSVOA_U
ClientSampleId :

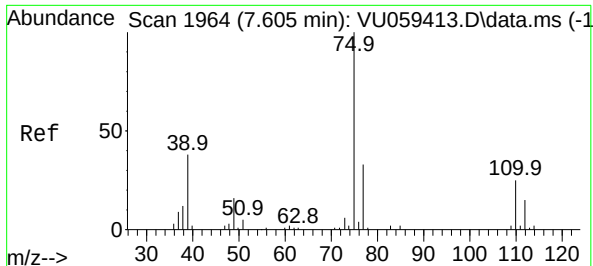
Tgt Ion: 63 Resp: 65005
Ion Ratio Lower Upper
63 100
112 3.8 2.6 3.8



#38
Bromodichloromethane
Concen: 5.245 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion: 83 Resp: 79537
Ion Ratio Lower Upper
83 100
85 67.2 42.7 79.3
127 9.0 6.1 9.1

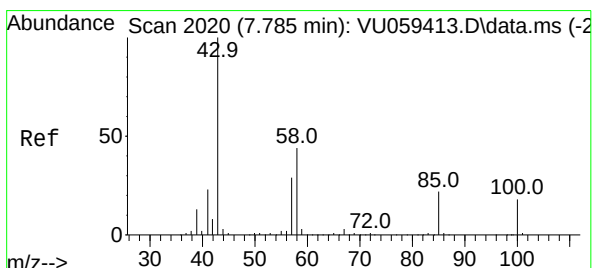
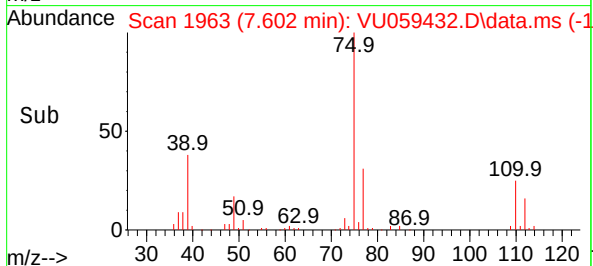
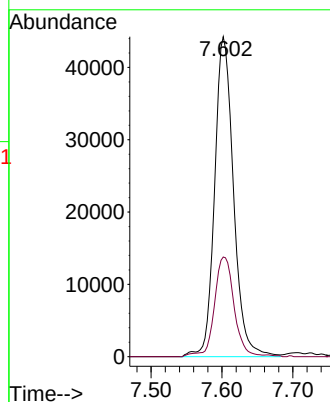
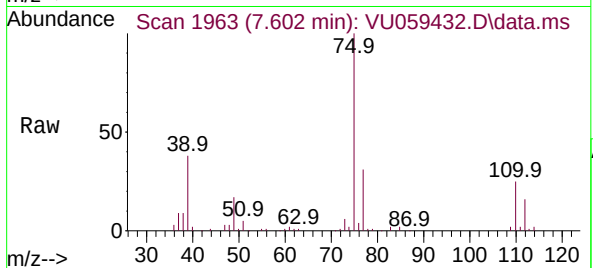




#39
 cis-1,3-Dichloropropene
 Concen: 4.941 ug/L
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU059432.D
 Acq: 22 Jun 2024 01:24

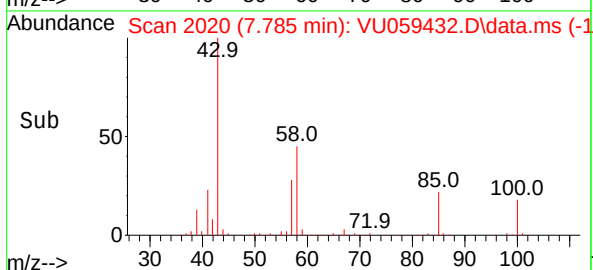
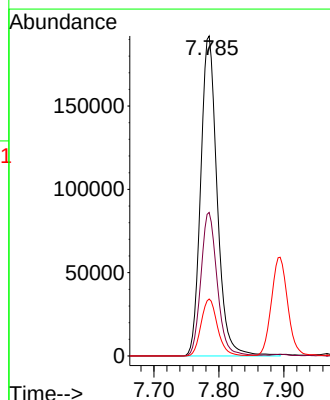
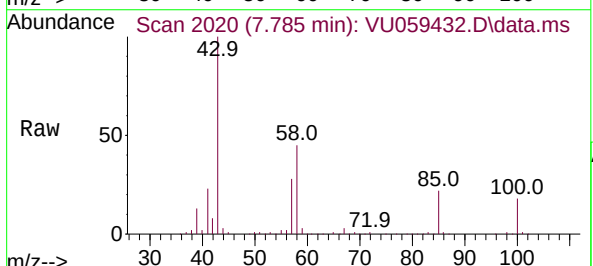
Instrument :
 MSVOA_U
 ClientSampleId :

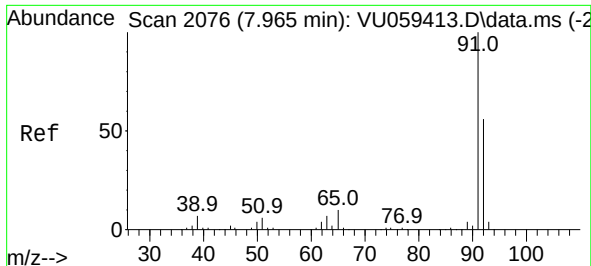
Tgt Ion: 75 Resp: 82093
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 60.280 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU059432.D
 Acq: 22 Jun 2024 01:24

Tgt Ion: 43 Resp: 339337
 Ion Ratio Lower Upper
 43 100
 58 44.5 34.0 51.0
 100 17.8 12.1 18.1





#42

Toluene

Concen: 5.438 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

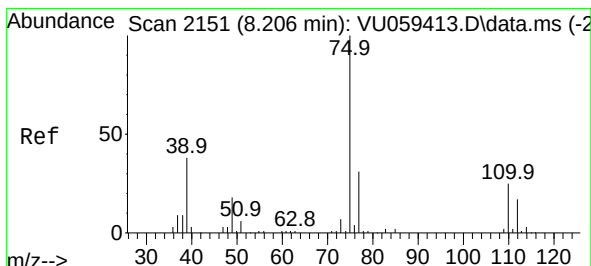
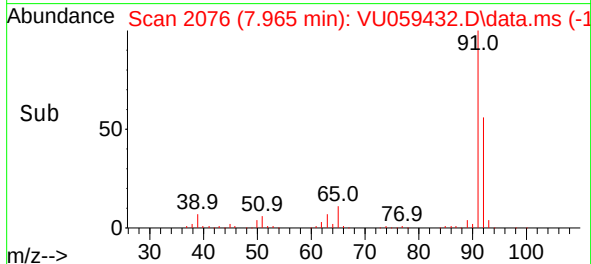
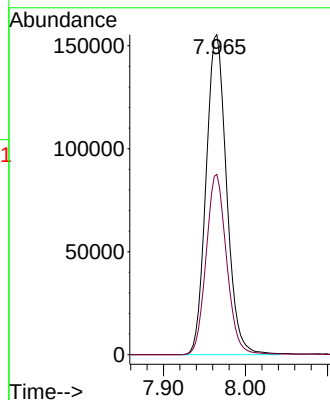
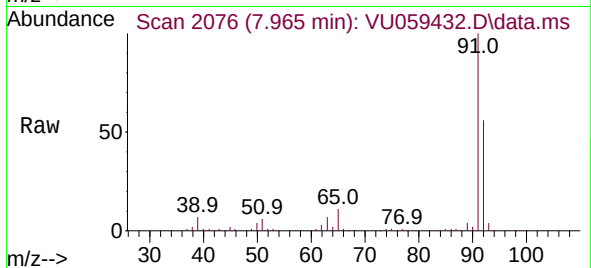
ClientSampleId :

Tgt Ion: 91 Resp: 270290

Ion Ratio Lower Upper

91 100

92 56.4 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.125 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059432.D

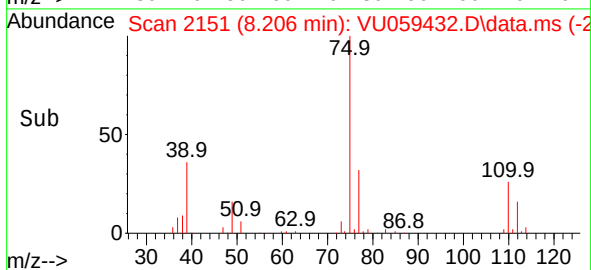
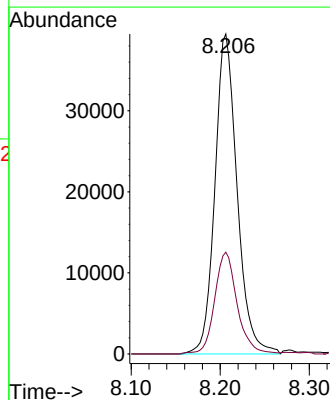
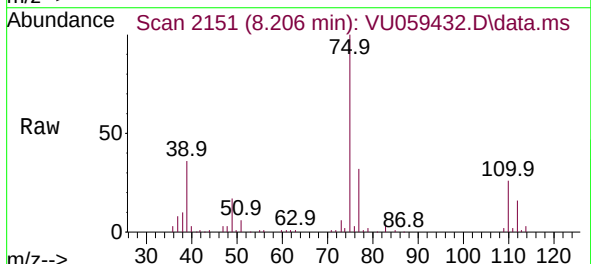
Acq: 22 Jun 2024 01:24

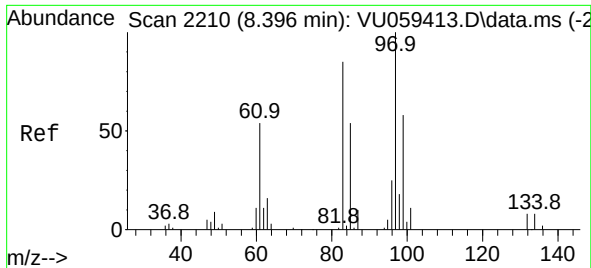
Tgt Ion: 75 Resp: 68346

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



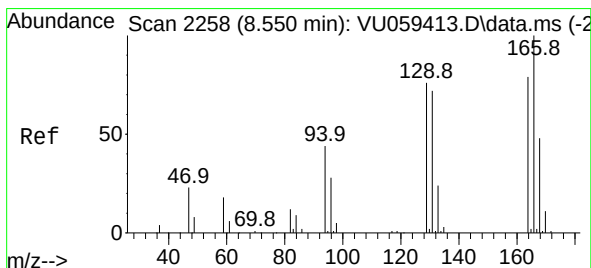
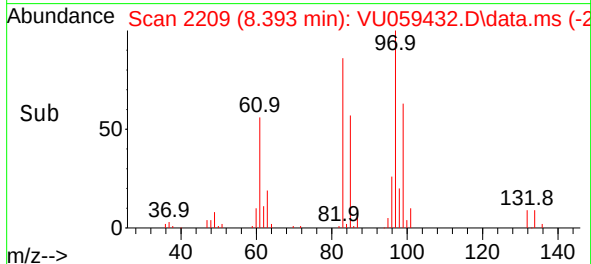
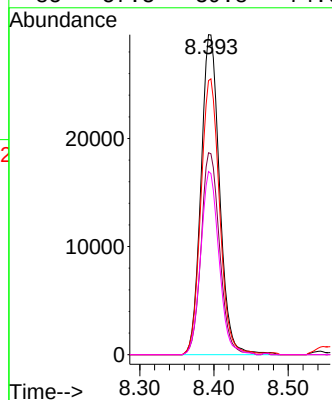
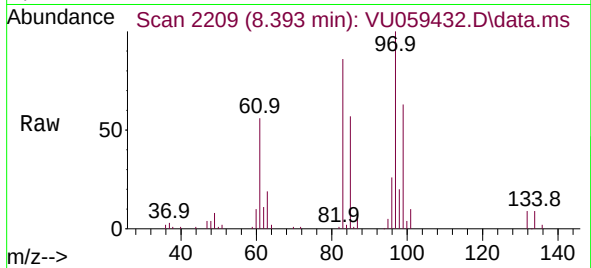


#45
1,1,2-Trichloroethane
Concen: 5.751 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 51484

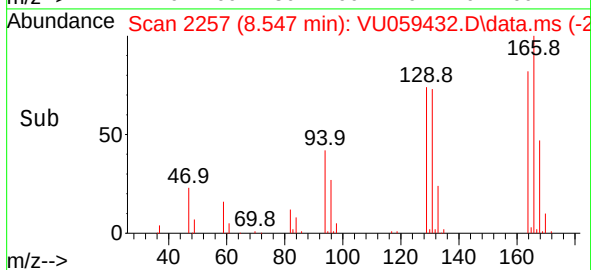
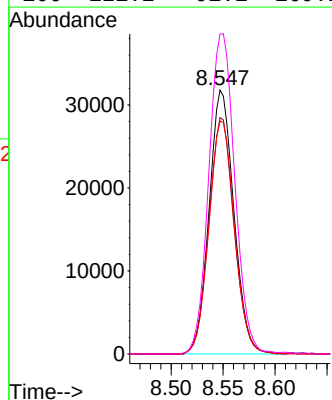
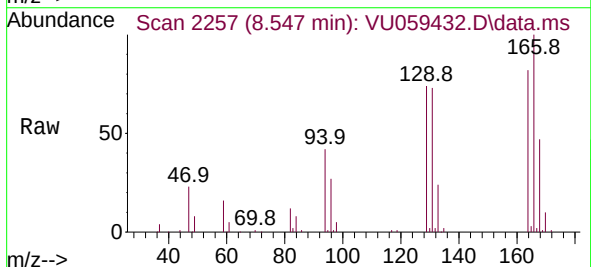
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.3	80.3
83	85.7	62.3	115.7
85	57.3	39.8	74.0

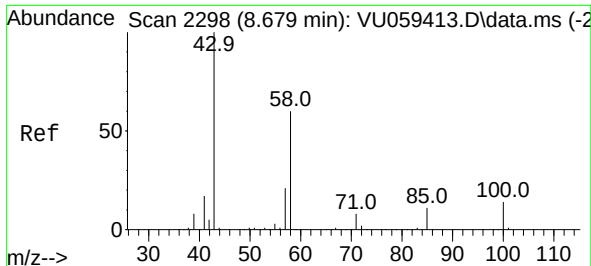


#47
Tetrachloroethene
Concen: 5.338 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion: 164 Resp: 52664

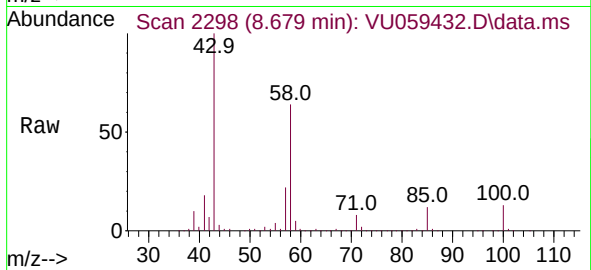
Ion	Ratio	Lower	Upper
164	100		
129	89.6	70.8	131.4
131	88.3	64.8	120.3
166	121.2	91.1	169.1



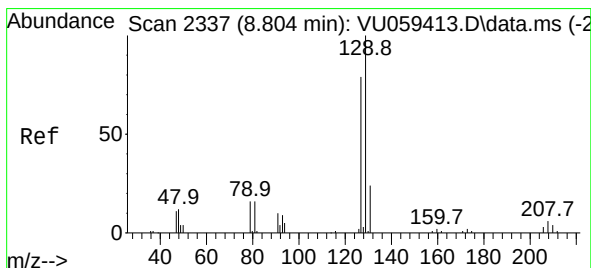
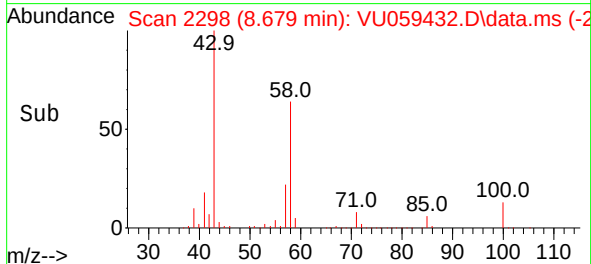
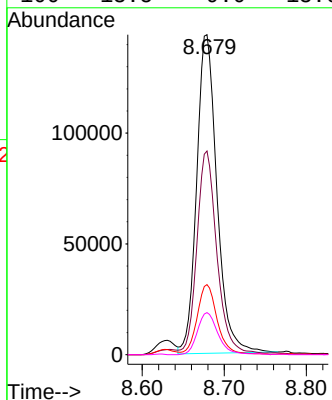


#48
2-Hexanone
Concen: 61.704 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Instrument :
MSVOA_U
ClientSampleId :

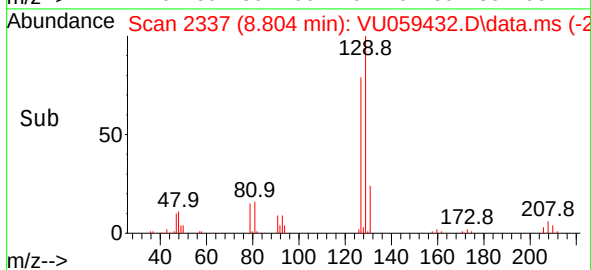
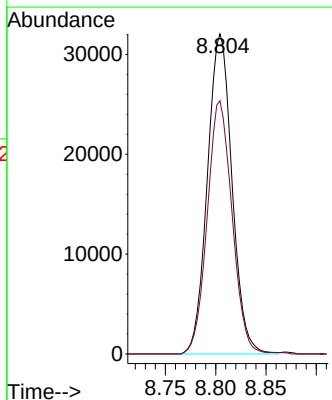
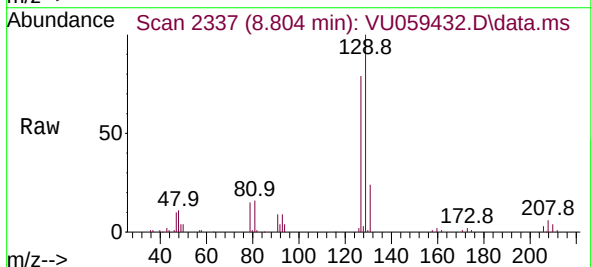


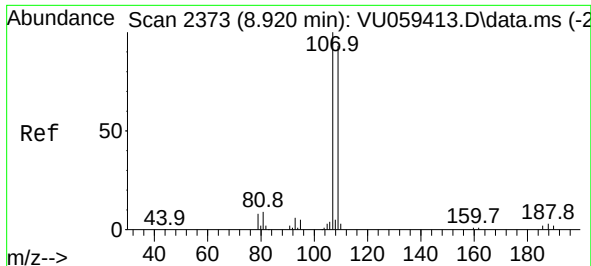
Tgt Ion:	43	Resp:	247900
Ion	Ratio	Lower	Upper
43	100		
58	62.0	46.1	69.1
57	21.9	15.5	23.3
100	13.5	9.0	13.6



#49
Dibromochloromethane
Concen: 5.506 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion:	129	Resp:	54602
Ion	Ratio	Lower	Upper
129	100		
127	79.1	52.5	97.5





#50

1,2-Dibromoethane

Concen: 5.773 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :

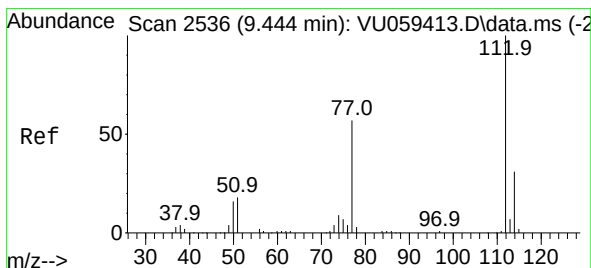
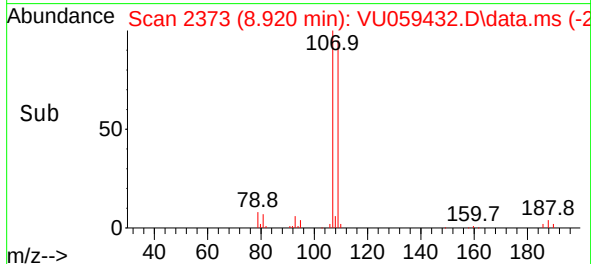
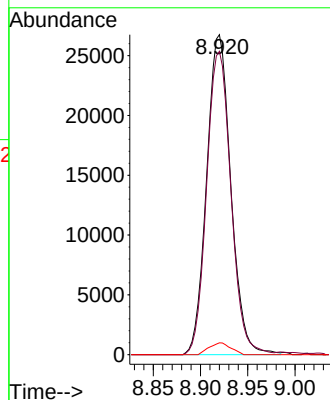
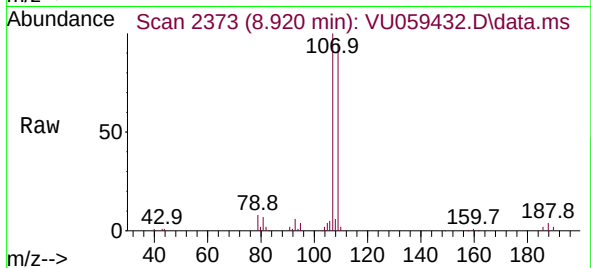
Tgt Ion:107 Resp: 47731

Ion Ratio Lower Upper

107 100

109 94.8 66.9 124.3

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 5.352 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

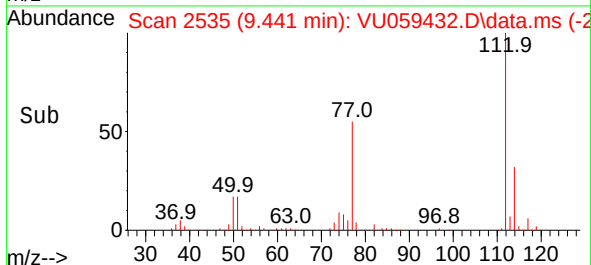
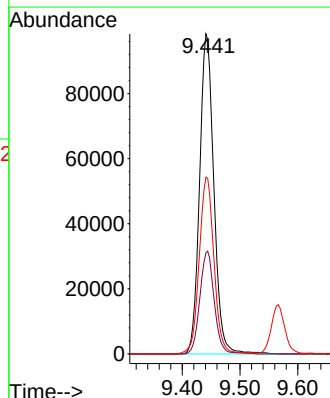
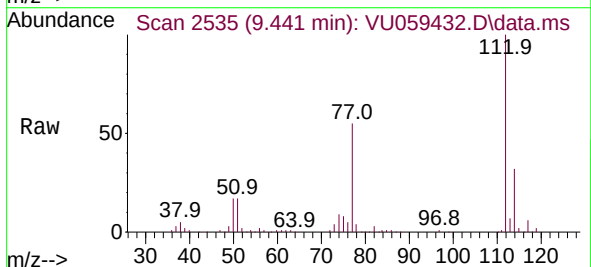
Tgt Ion:112 Resp: 168712

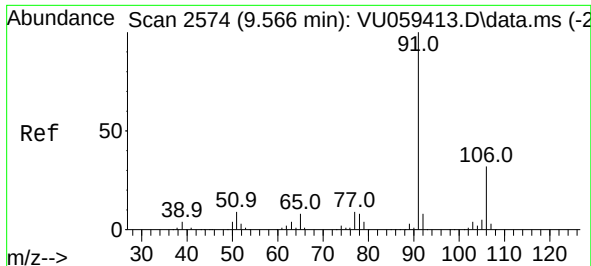
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 55.2 49.1 73.7

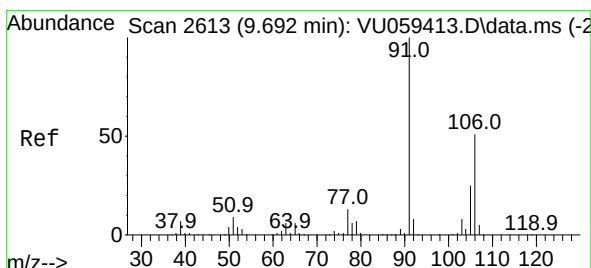
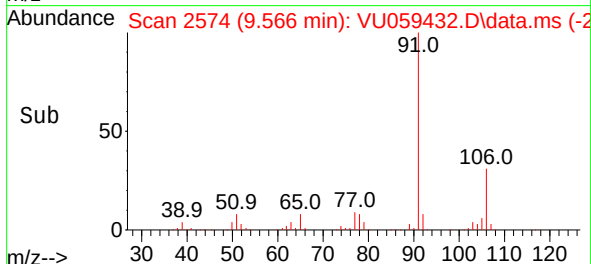
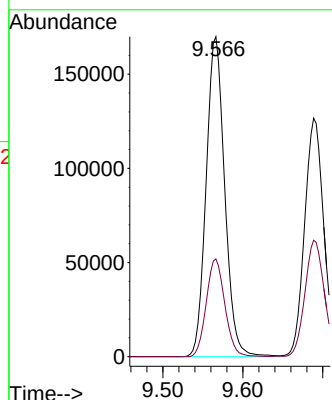
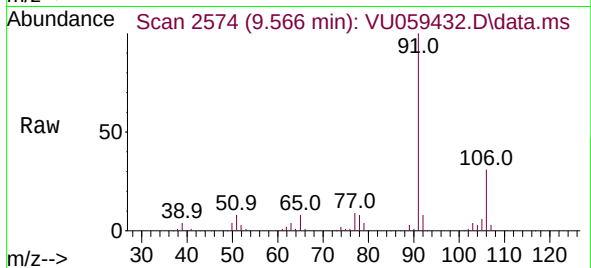




#52
Ethylbenzene
Concen: 5.380 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

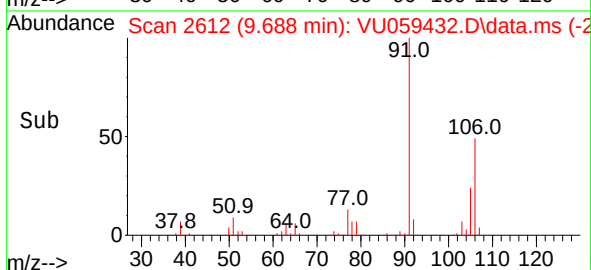
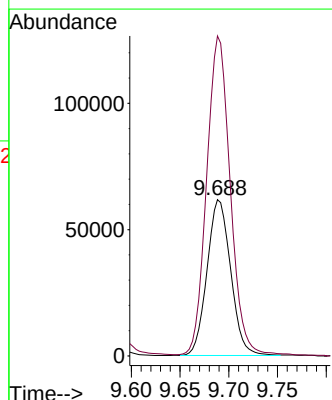
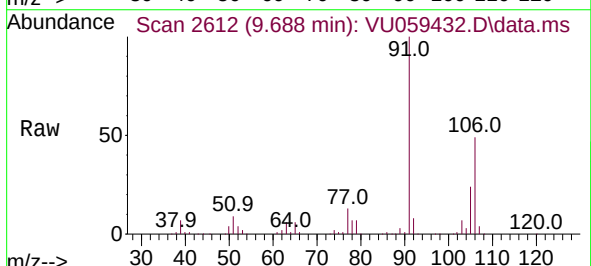
Instrument :
MSVOA_U
ClientSampleId :

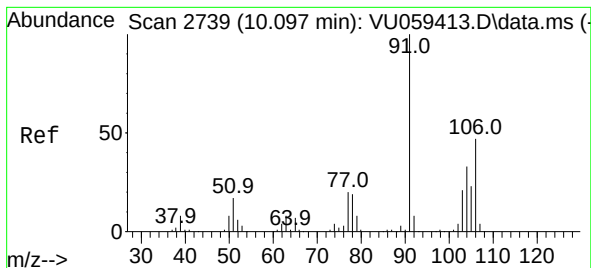
Tgt Ion: 91 Resp: 274290
Ion Ratio Lower Upper
91 100
106 30.6 20.9 38.7



#53
m,p-Xylene
Concen: 5.308 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU059432.D
Acq: 22 Jun 2024 01:24

Tgt Ion:106 Resp: 103930
Ion Ratio Lower Upper
106 100
91 204.8 142.0 263.8





#54

o-Xylene

Concen: 5.478 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

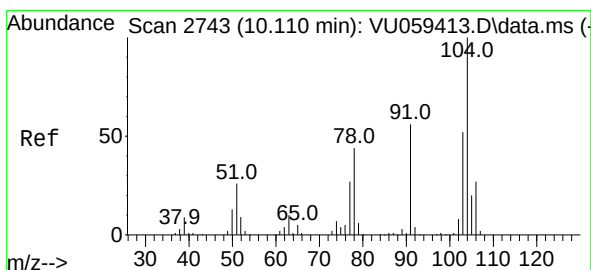
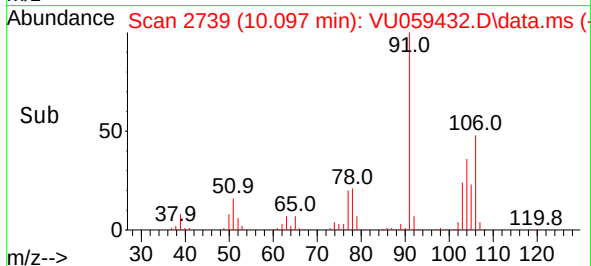
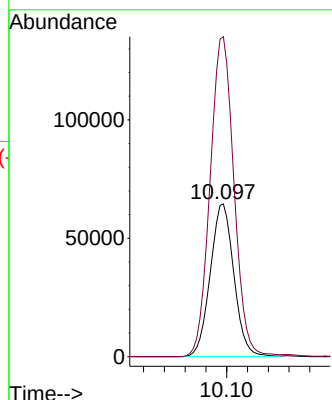
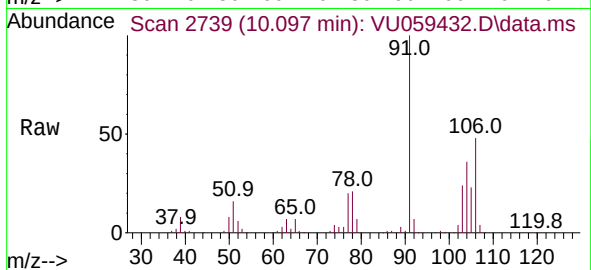
ClientSampleId :

Tgt Ion:106 Resp: 101792

Ion Ratio Lower Upper

106 100

91 209.4 151.6 281.6



#55

Styrene

Concen: 5.643 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU059432.D

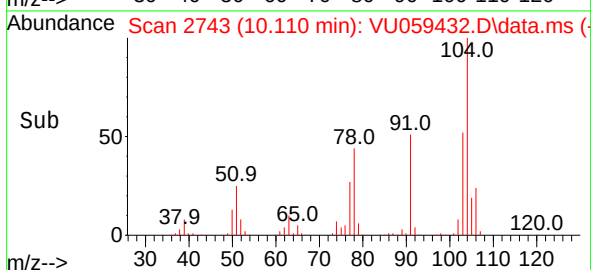
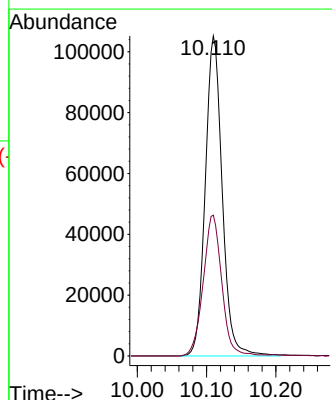
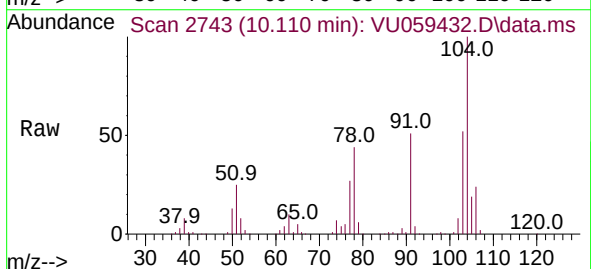
Acq: 22 Jun 2024 01:24

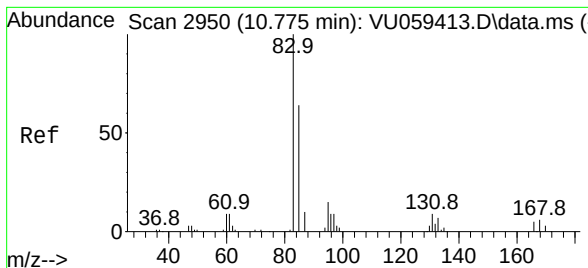
Tgt Ion:104 Resp: 178518

Ion Ratio Lower Upper

104 100

78 44.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.574 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :

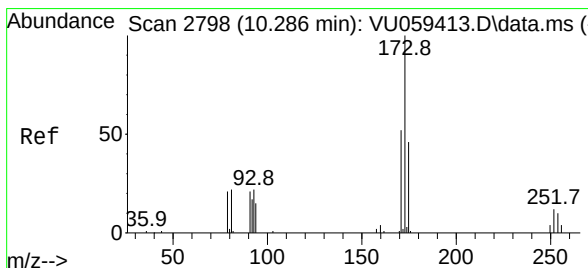
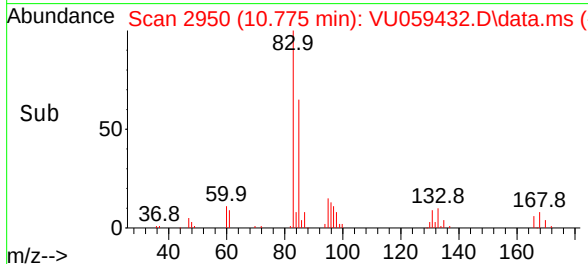
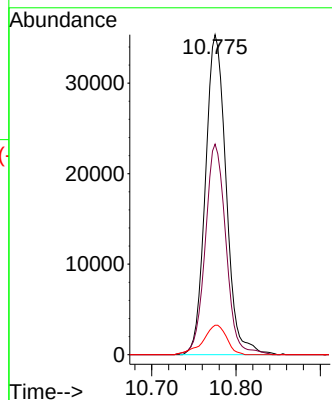
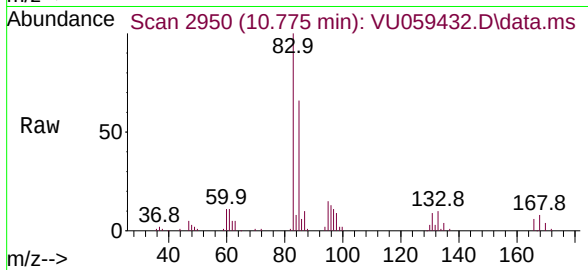
Tgt Ion: 83 Resp: 60533

Ion Ratio Lower Upper

83 100

85 65.8 44.7 82.9

131 9.2 6.9 10.3



#59

Bromoform

Concen: 5.511 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

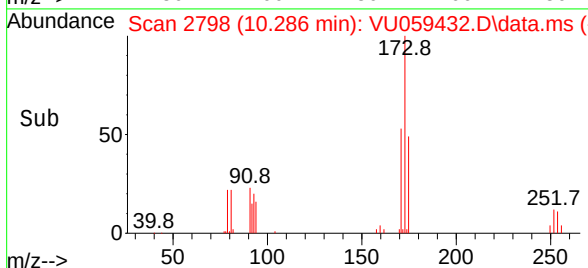
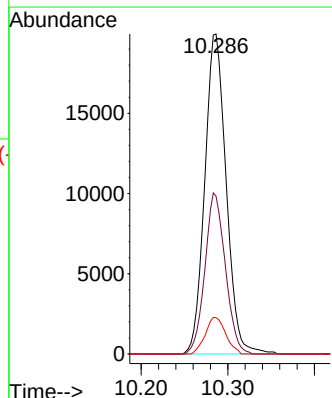
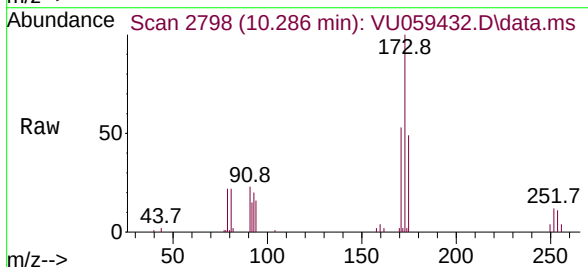
Tgt Ion:173 Resp: 34256

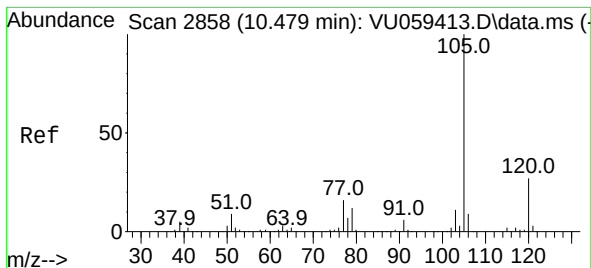
Ion Ratio Lower Upper

173 100

175 47.9 39.4 59.2

254 10.9 7.4 11.2





#60

Isopropylbenzene

Concen: 5.245 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :

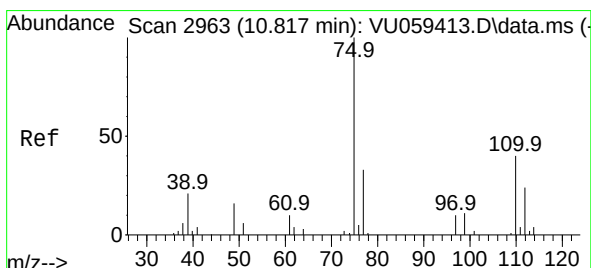
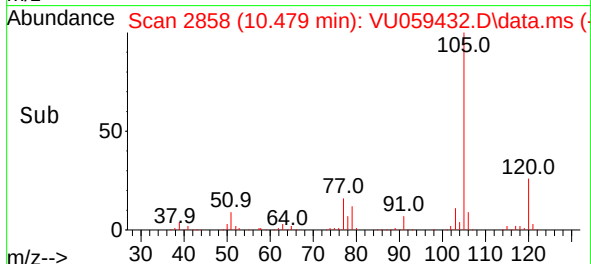
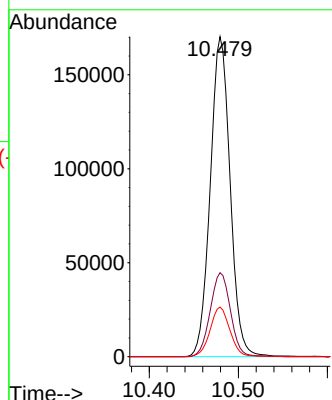
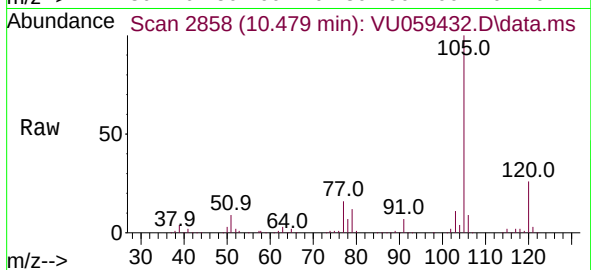
Tgt Ion:105 Resp: 263182

Ion Ratio Lower Upper

105 100

120 26.8 20.6 31.0

77 15.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.586 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

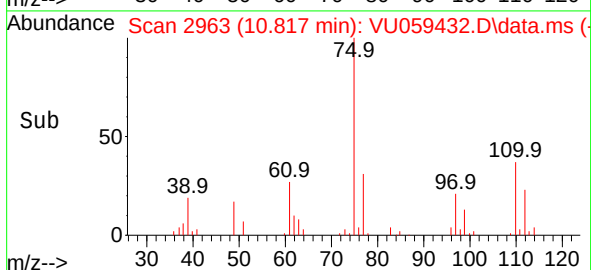
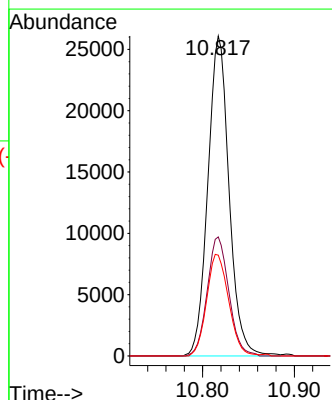
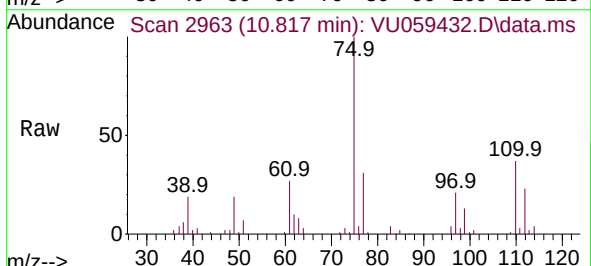
Tgt Ion: 75 Resp: 41930

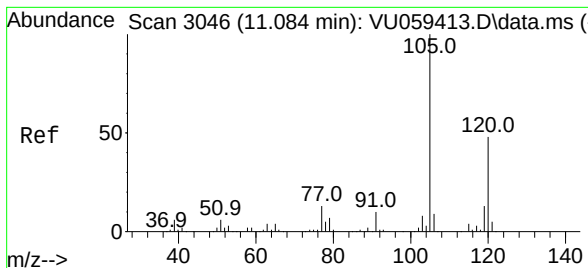
Ion Ratio Lower Upper

75 100

110 37.9 27.1 40.7

77 32.9 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.144 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

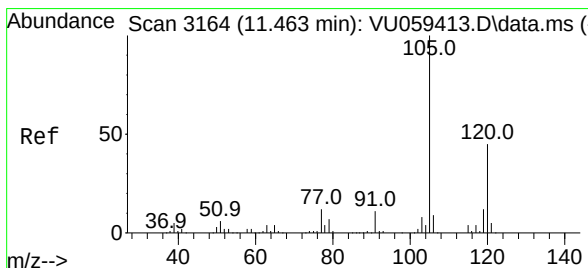
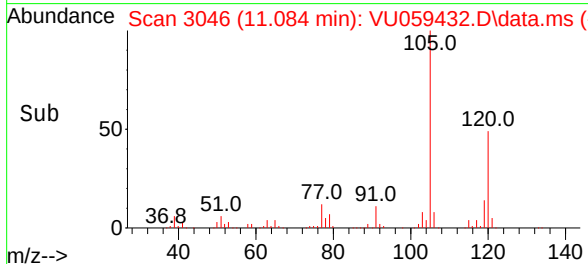
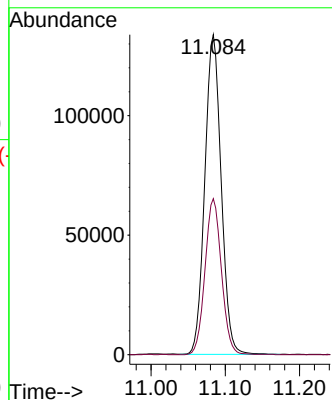
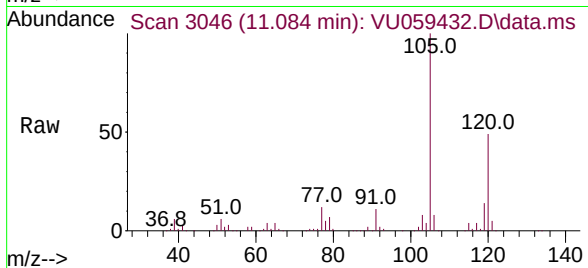
ClientSampleId :

Tgt Ion:105 Resp: 204455

Ion Ratio Lower Upper

105 100

120 48.9 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.391 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059432.D

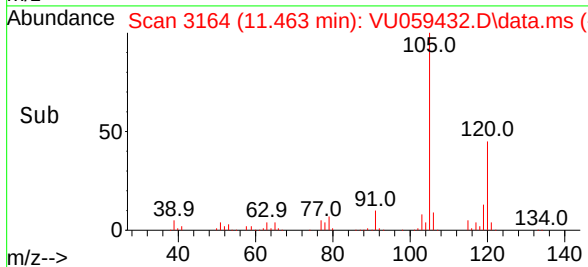
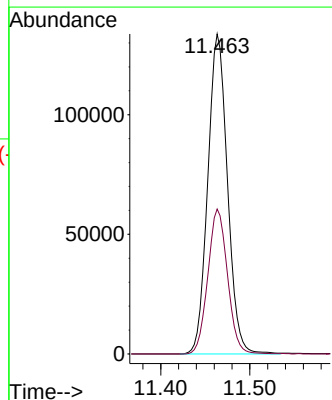
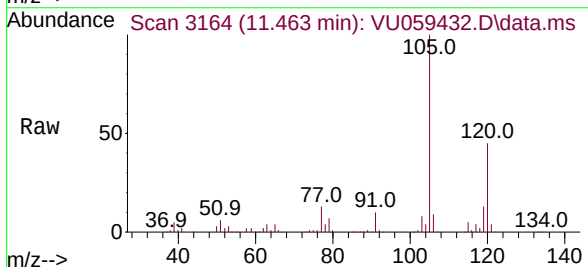
Acq: 22 Jun 2024 01:24

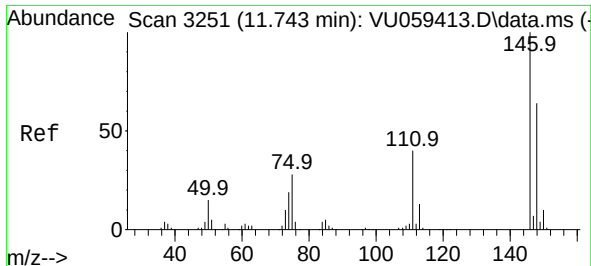
Tgt Ion:105 Resp: 204876

Ion Ratio Lower Upper

105 100

120 45.2 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.219 ug/L

RT: 11.740 min Scan# 3251

Delta R.T. -0.003 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :

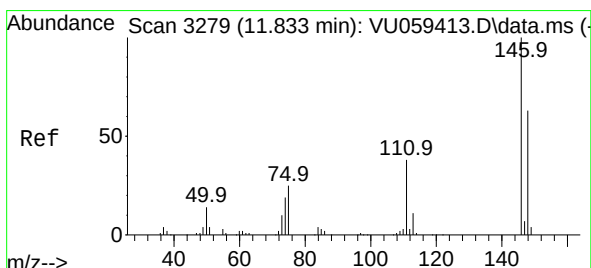
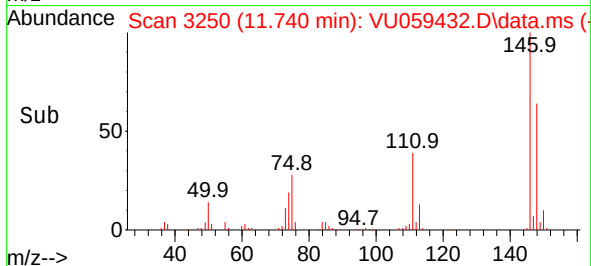
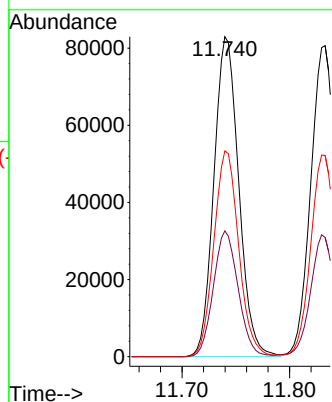
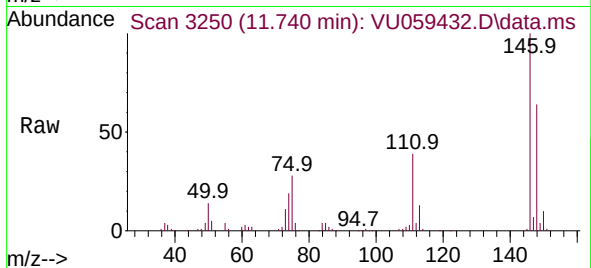
Tgt Ion:146 Resp: 133181

Ion Ratio Lower Upper

146 100

111 39.3 27.4 51.0

148 64.3 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.087 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

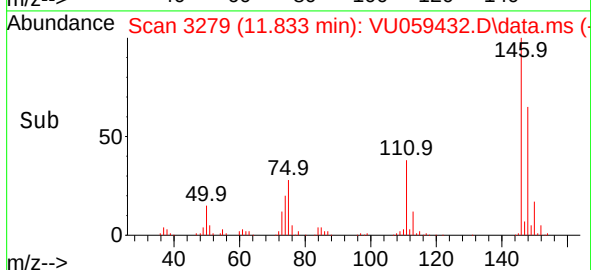
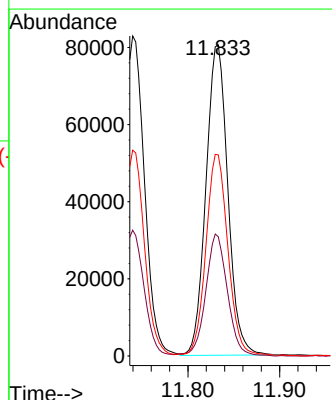
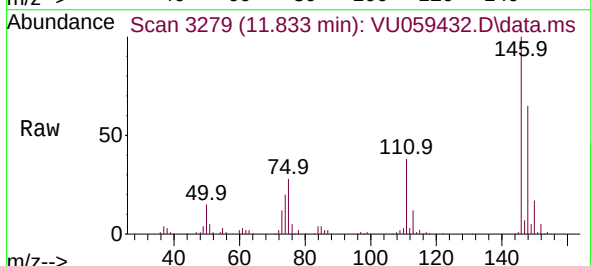
Tgt Ion:146 Resp: 133616

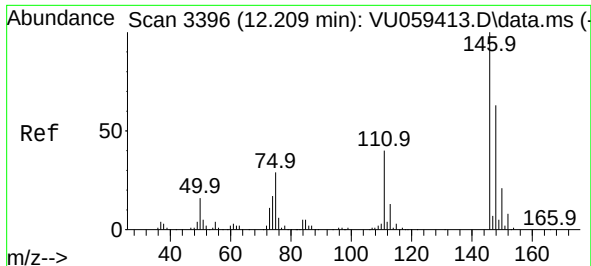
Ion Ratio Lower Upper

146 100

111 38.3 26.9 50.1

148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.273 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :

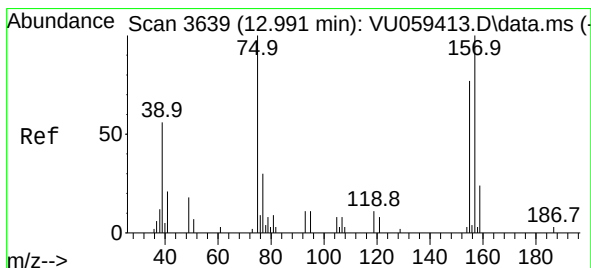
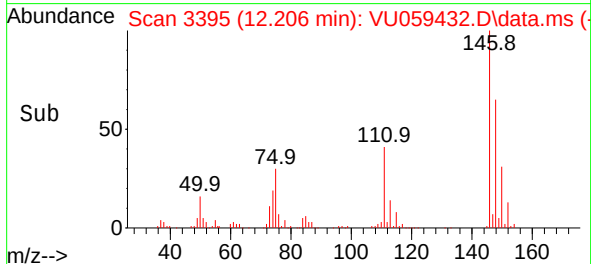
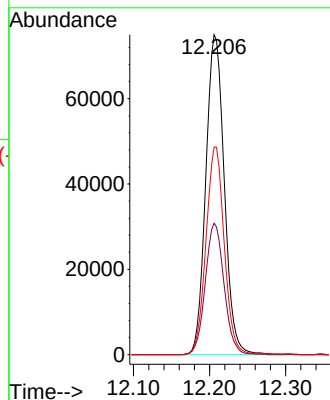
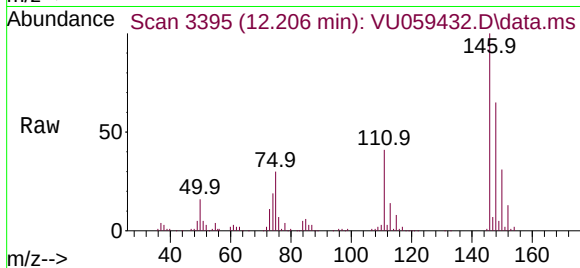
Tgt Ion:146 Resp: 126637

Ion Ratio Lower Upper

146 100

111 41.0 33.4 50.0

148 64.9 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.115 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

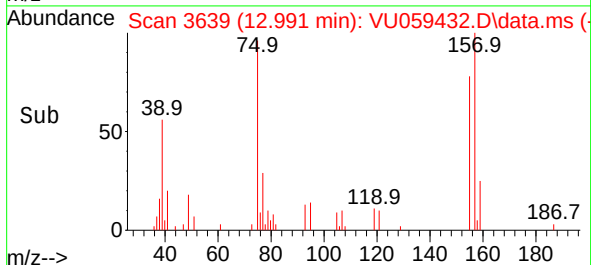
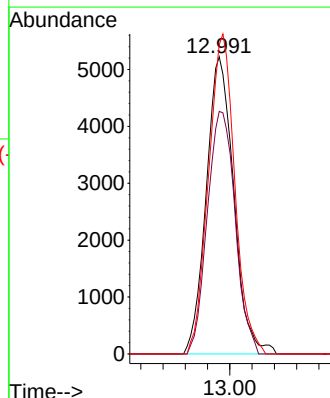
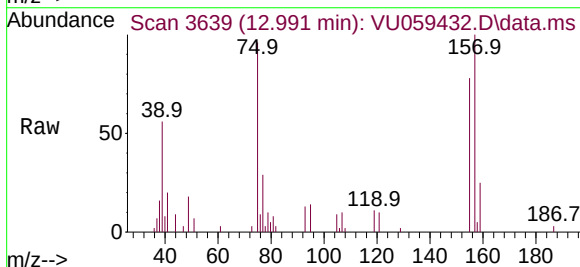
Tgt Ion: 75 Resp: 8952

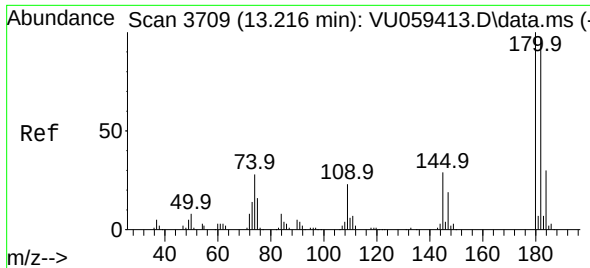
Ion Ratio Lower Upper

75 100

155 81.7 58.2 87.2

157 104.1 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.073 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

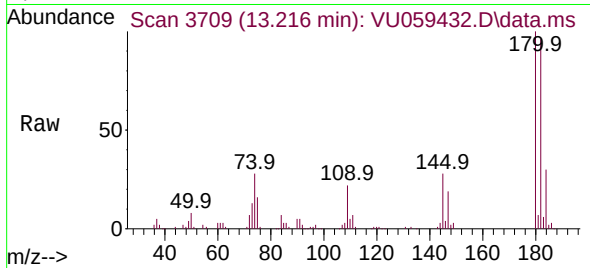
Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 95825

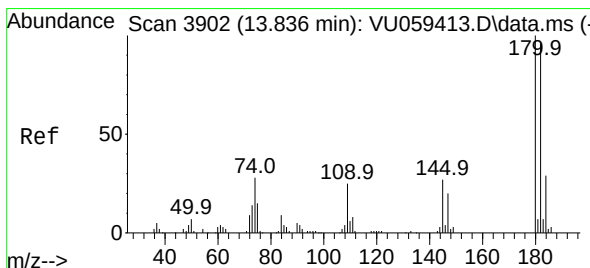
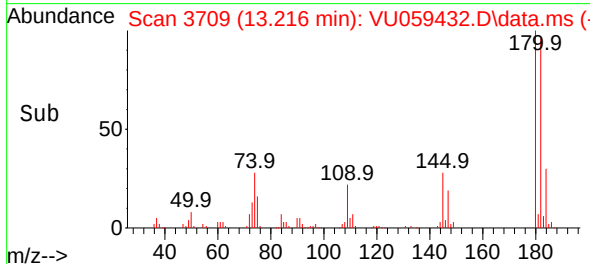
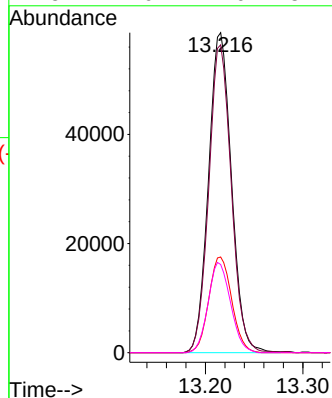
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

184 30.0 23.0 34.6

145 27.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.256 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

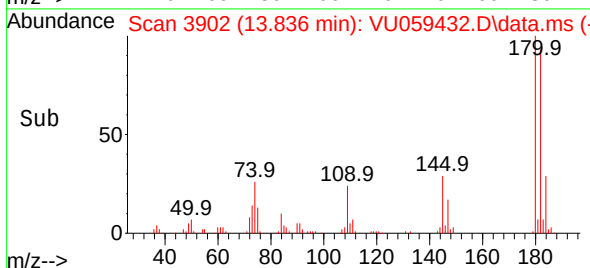
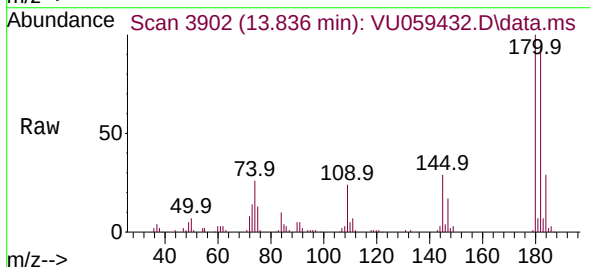
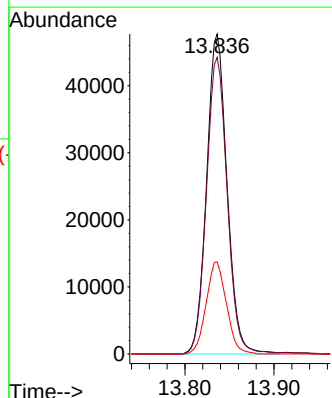
Tgt Ion:180 Resp: 76157

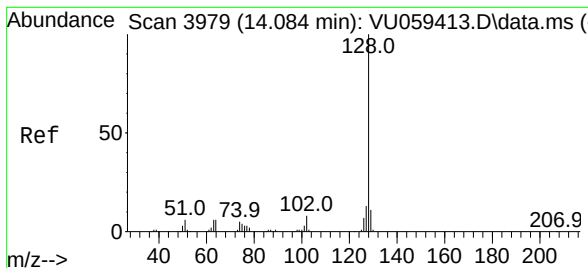
Ion Ratio Lower Upper

180 100

182 93.8 74.9 112.3

145 28.5 23.9 35.9





#71

Naphthalene

Concen: 5.297 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :

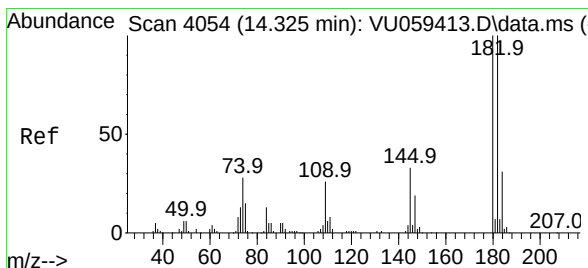
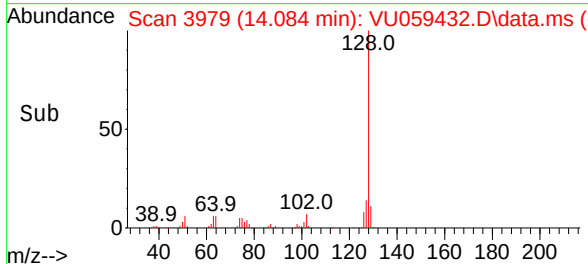
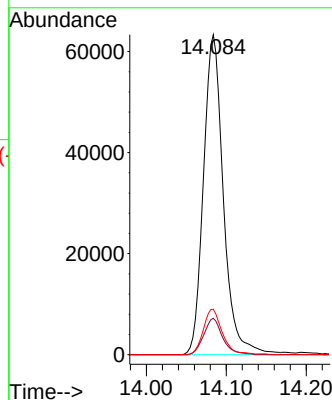
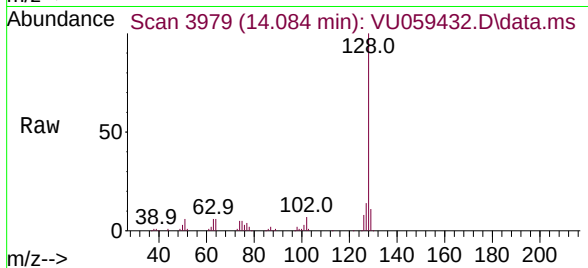
Tgt Ion:128 Resp: 109860

Ion Ratio Lower Upper

128 100

129 10.7 8.2 12.4

127 13.5 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.385 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU059432.D

Acq: 22 Jun 2024 01:24

Tgt Ion:180 Resp: 72462

Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.6

145 30.5 26.2 39.4

