

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059415.D
 Acq On : 21 Jun 2024 17:35
 Operator : MD/SY
 Sample : P2898-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 01:37:31 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	6.245	114	168495	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	166320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89378	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44449	3.794	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.904	69	46278	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.557	65	17925	3.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.618	46	139253	57.700	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.400%
24) Chloroform-d	5.058	84	106341	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.698	65	53059	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.721	84	202966	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.685	67	64957	4.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	179041	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.177	79	22226	5.060	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.627	63	111081	60.869	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60469	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	71561	4.498	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	69531	4.870	ug/L	97
3) Chloromethane	1.518	50	78020	5.077	ug/L	100
5) Vinyl chloride	1.599	62	100301	5.909	ug/L	98
6) Bromomethane	1.849	94	55257	4.682	ug/L	95
8) Chloroethane	1.927	64	52780	5.160	ug/L	99
9) Trichlorofluoromethane	2.132	101	100613	4.924	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63202	4.886	ug/L	94
12) 1,1-Dichloroethene	2.573	96	59574	4.985	ug/L	83
13) Acetone	2.624	43	94670	60.471	ug/L	96
14) Carbon disulfide	2.785	76	195935	4.914	ug/L	98
15) Methyl Acetate	2.779	43	1355030	327.991	ug/L #	52
16) Methylene chloride	3.039	84	68963	4.870	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	147082	5.712	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	65208	5.247	ug/L	91
19) 1,1-Dichloroethane	3.862	63	116635	5.089	ug/L	96
21) 2-Butanone	4.698	43	150865	60.081	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	253404	18.498	ug/L	95
23) Bromochloromethane	4.968	128	33641	5.387	ug/L	91
25) Chloroform	5.081	83	125152	5.185	ug/L	97

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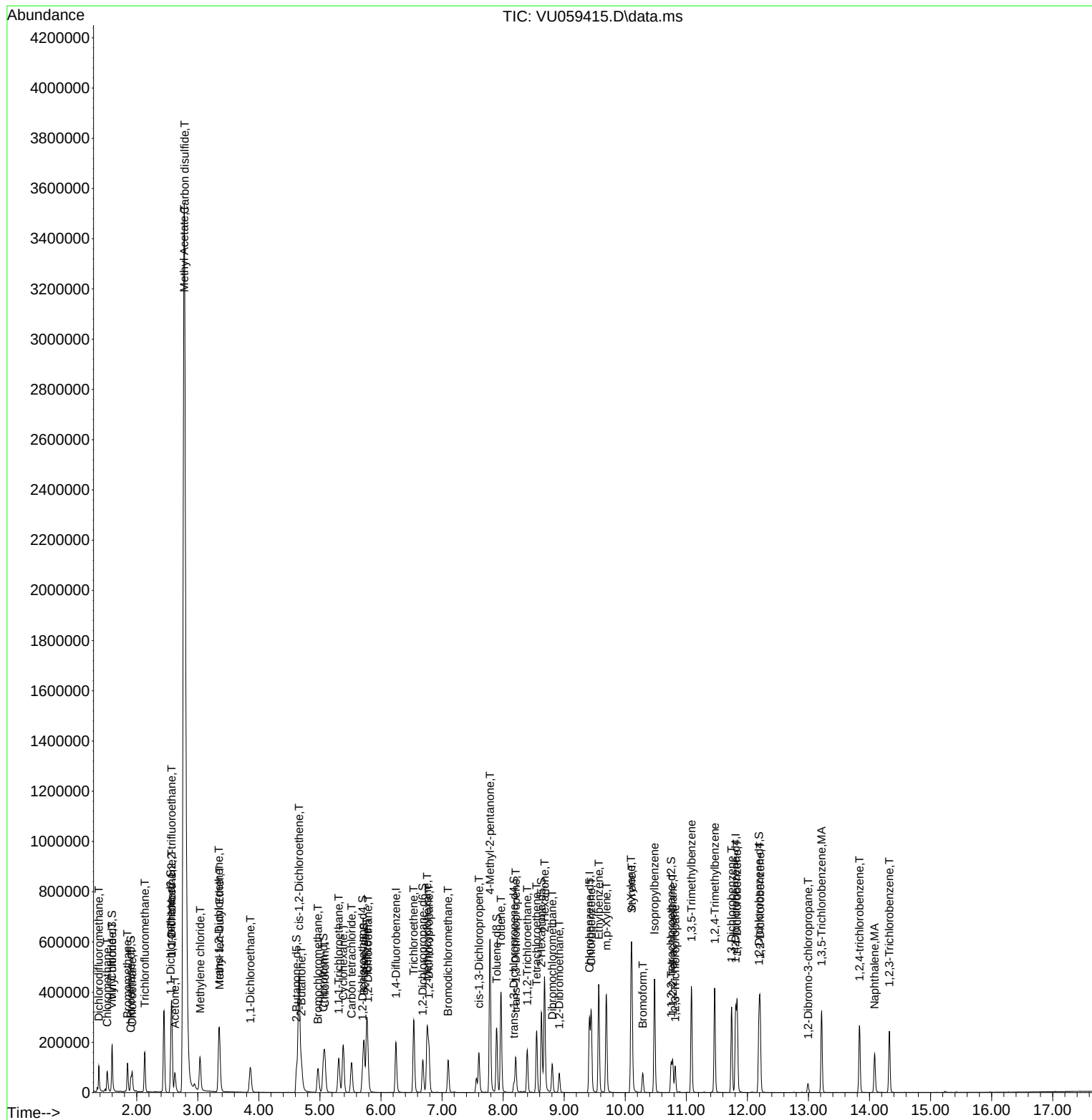
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	76932	5.259	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	96289	5.013	ug/L	98
30) Cyclohexane	5.383	56	91140	5.375	ug/L	93
31) Carbon tetrachloride	5.518	117	82223	5.113	ug/L	100
33) Benzene	5.769	78	271281	5.371	ug/L	100
34) Trichloroethene	6.537	95	100595	7.354	ug/L	98
35) Methylcyclohexane	6.759	83	102501	5.267	ug/L	95
37) 1,2-Dichloropropane	6.785	63	70733	5.412	ug/L	98
38) Bromodichloromethane	7.100	83	86939	5.329	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	97548	5.457	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	373632	61.691	ug/L	95
42) Toluene	7.965	91	307473	5.750	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	80027	5.578	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	54232	5.631	ug/L	96
47) Tetrachloroethene	8.550	164	57314	5.400	ug/L	95
48) 2-Hexanone	8.679	43	272055	62.940	ug/L	95
49) Dibromochloromethane	8.804	129	58038	5.440	ug/L	98
50) 1,2-Dibromoethane	8.920	107	50902	5.723	ug/L	99
51) Chlorobenzene	9.444	112	182376	5.378	ug/L	96
52) Ethylbenzene	9.566	91	301820	5.502	ug/L	97
53) m,p-Xylene	9.692	106	116502	5.530	ug/L	100
54) o-Xylene	10.097	106	111253	5.564	ug/L	99
55) Styrene	10.110	104	190864	5.608	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	65417	5.599	ug/L	100
59) Bromoform	10.286	173	36018	5.266	ug/L	99
60) Isopropylbenzene	10.479	105	290930	5.269	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	44829	5.428	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	230454	5.269	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	229613	5.491	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	146569	5.219	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	145161	5.022	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	135968	5.145	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	10042	6.233	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	105227	5.062	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	86375	5.417	ug/L	99
71) Naphthalene	14.084	128	132680	5.813	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	79954	5.400	ug/L	97

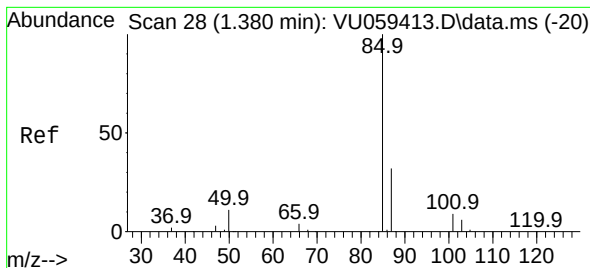
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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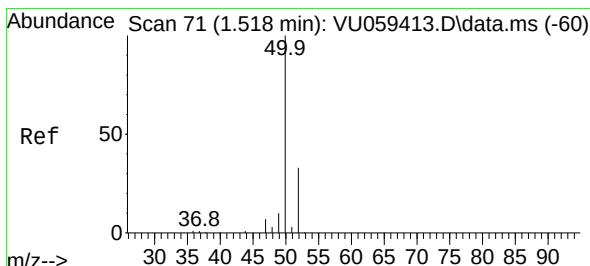
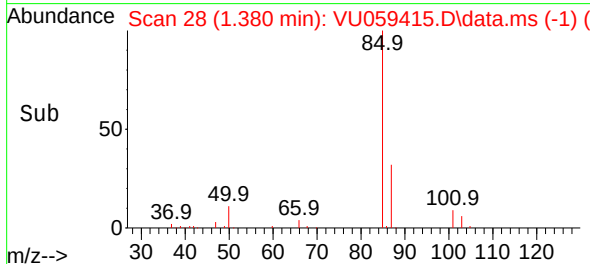
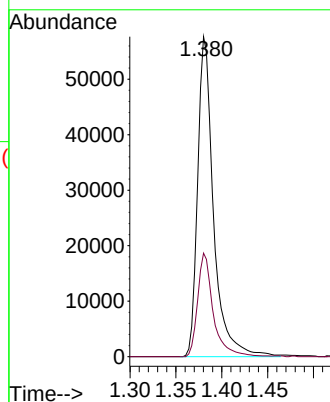
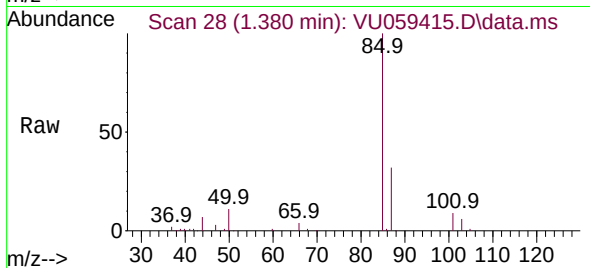




#2
 Dichlorodifluoromethane
 Concen: 4.870 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU059415.D
 Acq: 21 Jun 2024 17:35

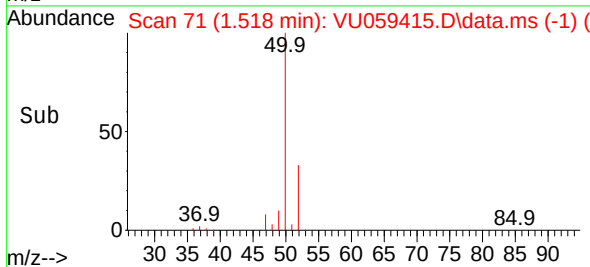
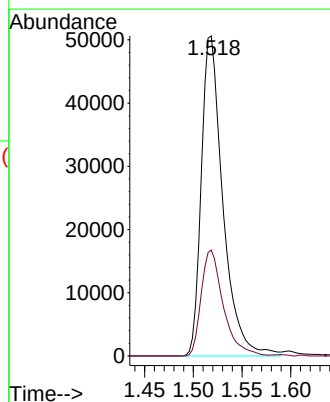
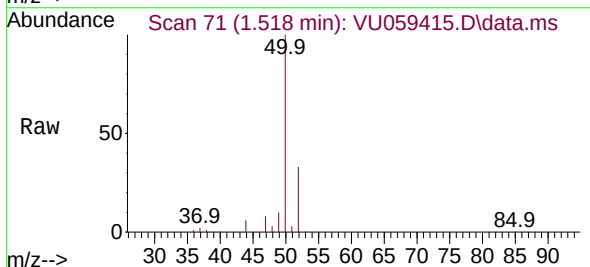
Instrument :
 MSVOA_U
 ClientSampleId :

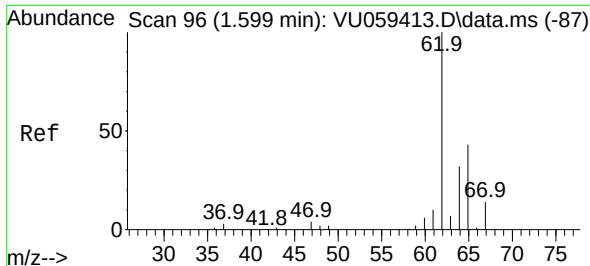
Tgt Ion: 85 Resp: 69531
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 40.0



#3
 Chloromethane
 Concen: 5.077 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU059415.D
 Acq: 21 Jun 2024 17:35

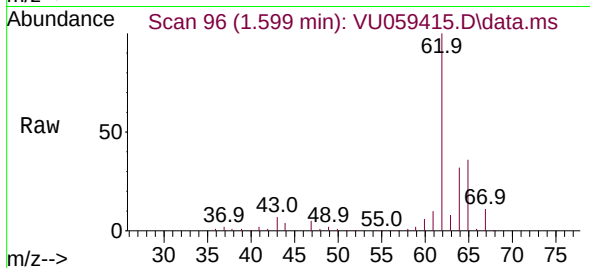
Tgt Ion: 50 Resp: 78020
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.0



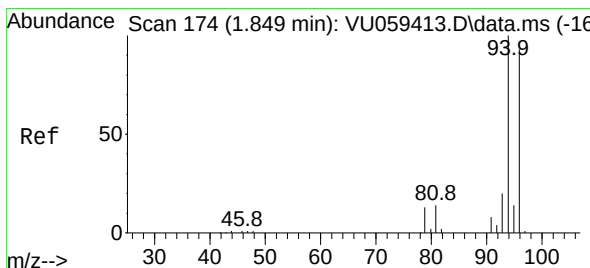
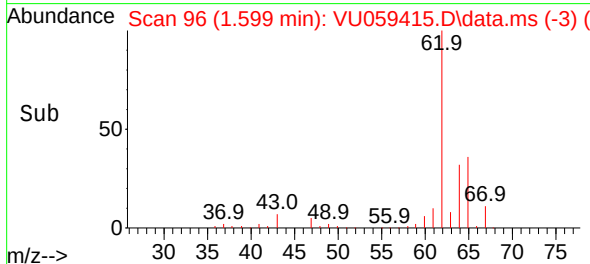
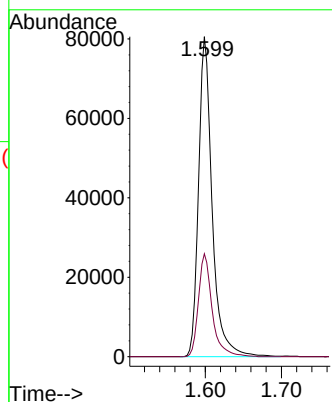


#5
 Vinyl chloride
 Concen: 5.909 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059415.D
 Acq: 21 Jun 2024 17:35

Instrument :
 MSVOA_U
 ClientSampleId :

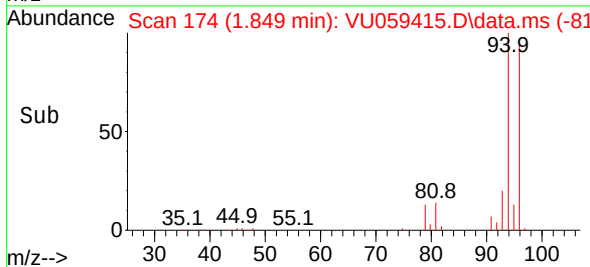
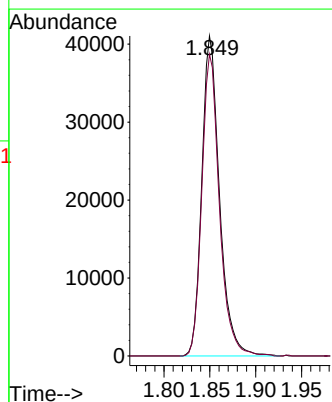
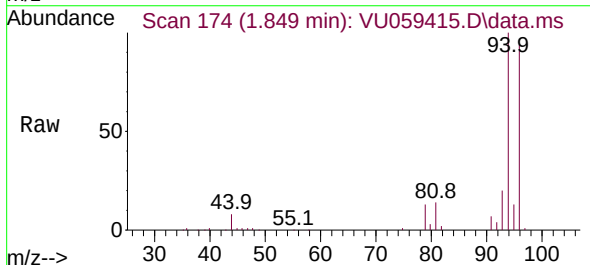


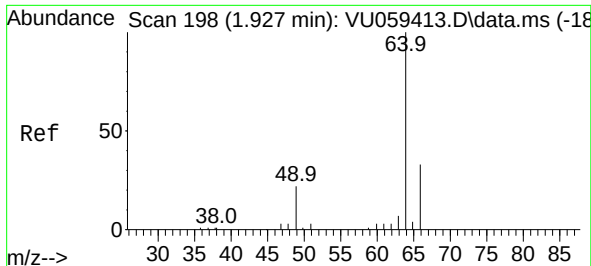
Tgt Ion: 62 Resp: 100301
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 4.682 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VU059415.D
 Acq: 21 Jun 2024 17:35

Tgt Ion: 94 Resp: 55257
 Ion Ratio Lower Upper
 94 100
 96 94.3 62.9 116.9

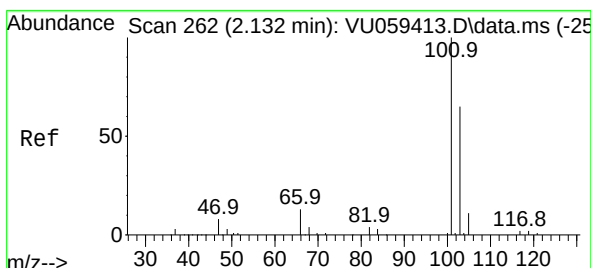
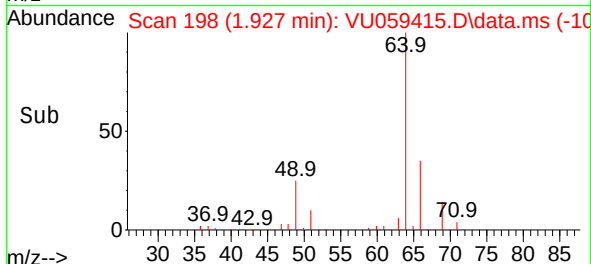
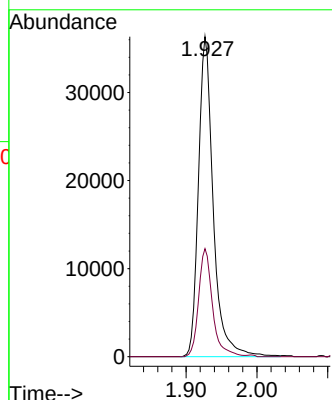
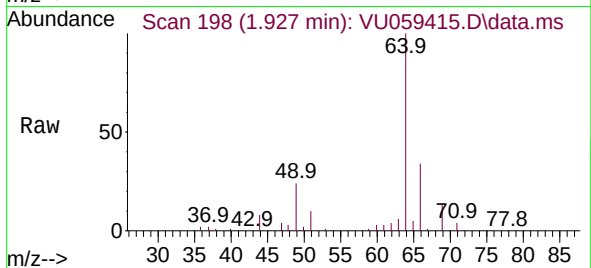




#8
Chloroethane
Concen: 5.160 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

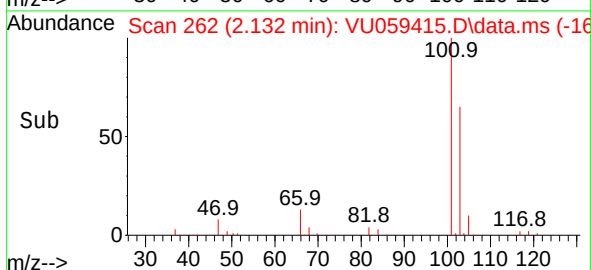
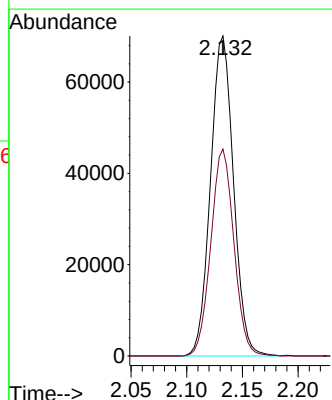
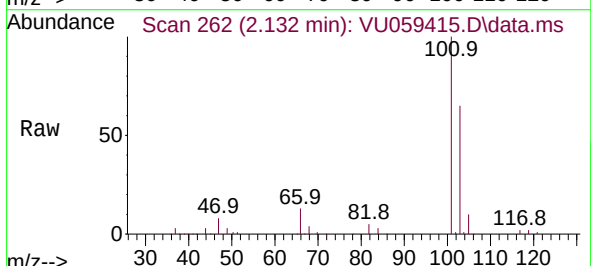
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MSVOA_U
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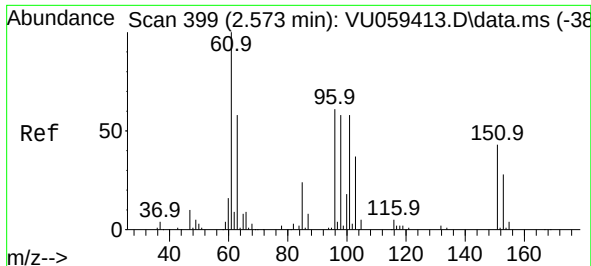
Tgt Ion: 64 Resp: 52780
Ion Ratio Lower Upper
64 100
66 33.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.924 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion:101 Resp: 100613
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

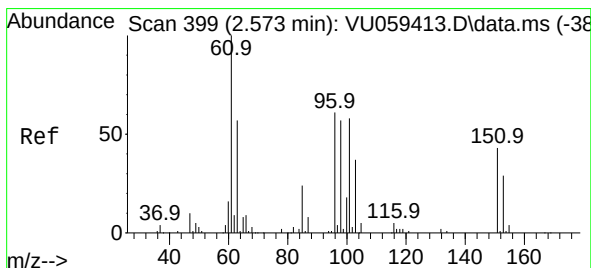
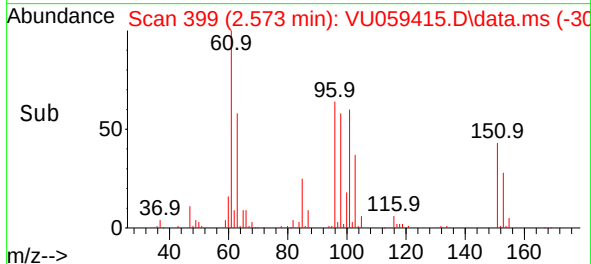
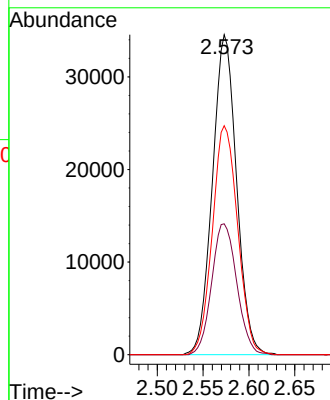
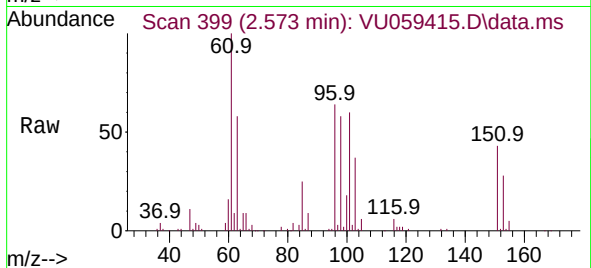




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.886 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059415.D
 Acq: 21 Jun 2024 17:35

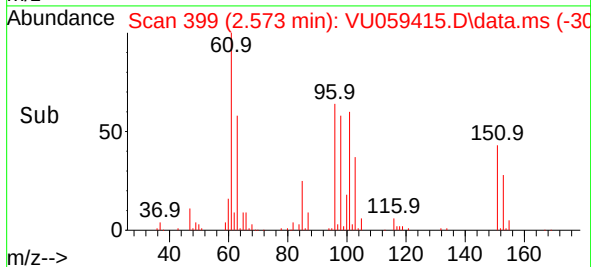
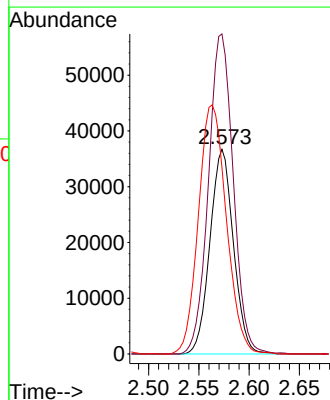
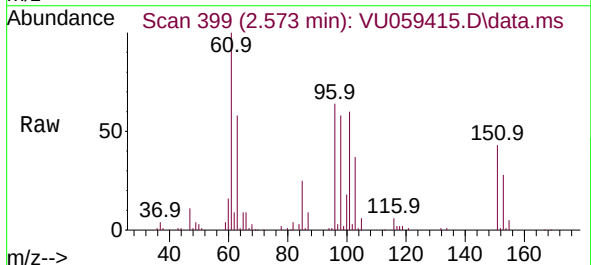
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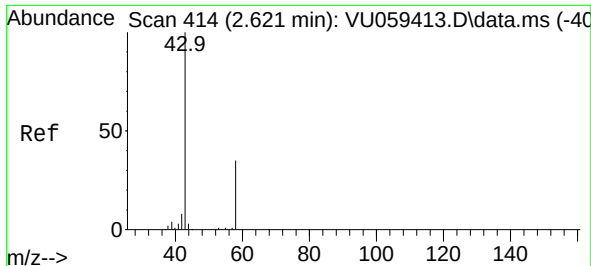
Tgt Ion:101 Resp: 63202
 Ion Ratio Lower Upper
 101 100
 85 42.5 36.2 54.4
 151 75.0 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.985 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059415.D
 Acq: 21 Jun 2024 17:35

Tgt Ion: 96 Resp: 59574
 Ion Ratio Lower Upper
 96 100
 61 156.3 122.9 228.3
 63 91.0 80.4 149.4





#13

Acetone

Concen: 60.471 ug/L

RT: 2.624 min Scan# 414

Delta R.T. 0.003 min

Lab File: VU059415.D

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Instrument :

MSVOA_U

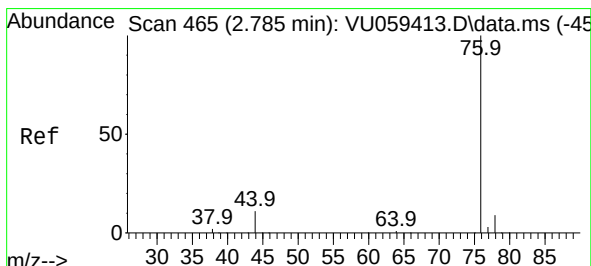
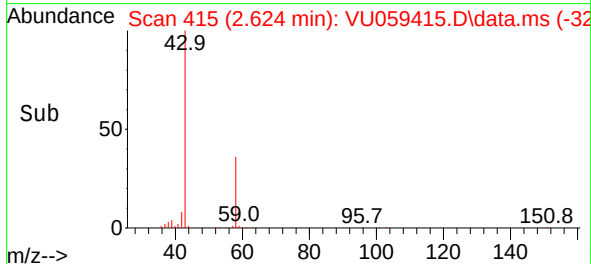
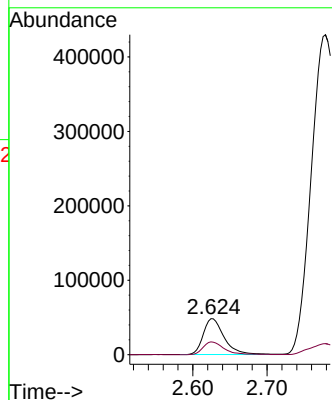
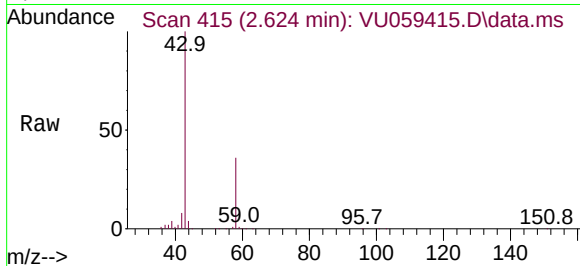
ClientSampleId :

Tgt Ion: 43 Resp: 94670

Ion Ratio Lower Upper

43 100

58 36.4 0.0 68.0



#14

Carbon disulfide

Concen: 4.914 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059415.D

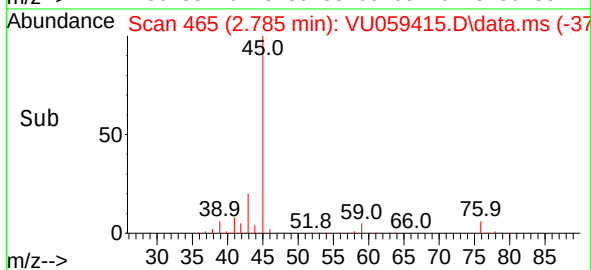
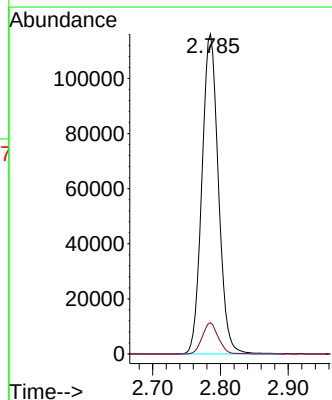
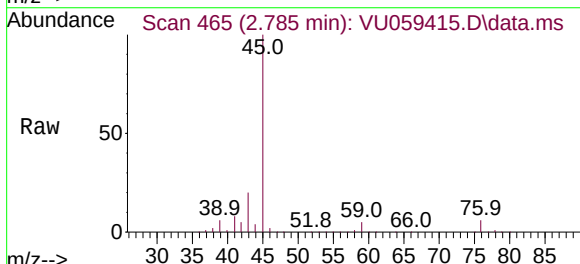
Acq: 21 Jun 2024 17:35

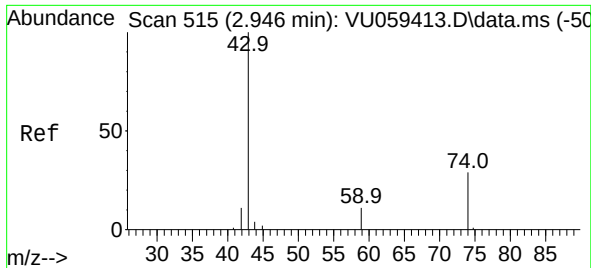
Tgt Ion: 76 Resp: 195935

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





#15

Methyl Acetate

Concen: 327.991 ug/L

RT: 2.779 min Scan# 4

Delta R.T. -0.167 min

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Instrument :

MSVOA_U

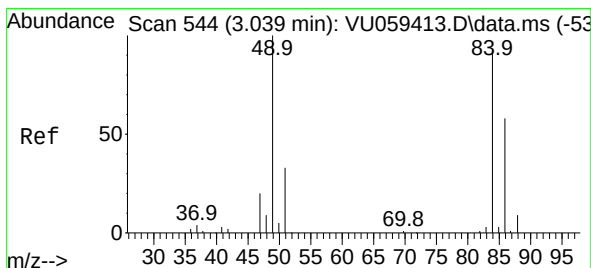
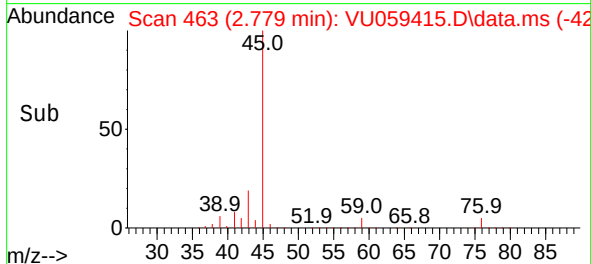
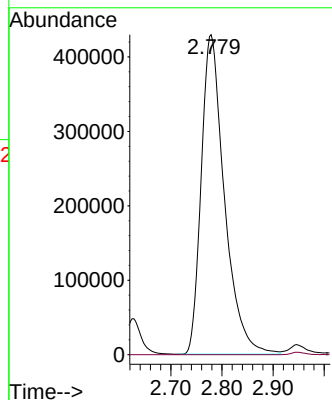
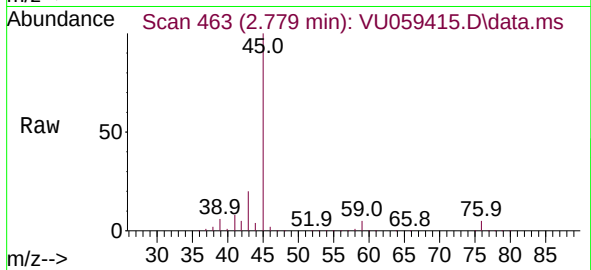
ClientSampleId :

Tgt Ion: 43 Resp: 1355030

Ion Ratio Lower Upper

43 100

74 0.5 19.2 28.8#



#16

Methylene chloride

Concen: 4.870 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

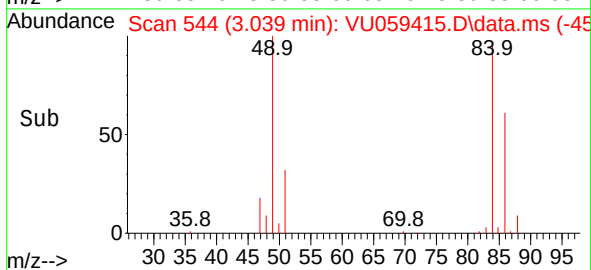
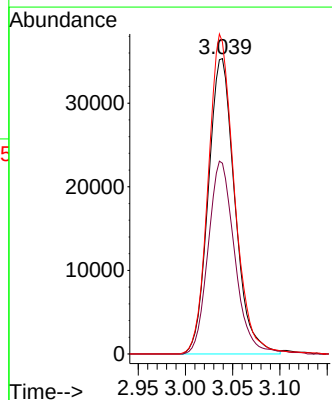
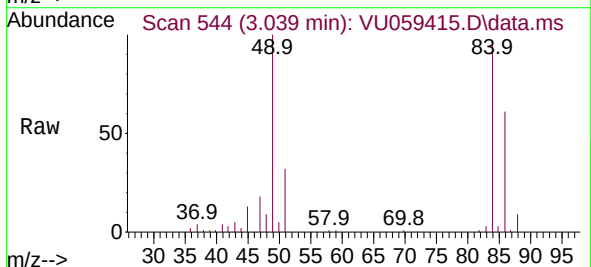
Tgt Ion: 84 Resp: 68963

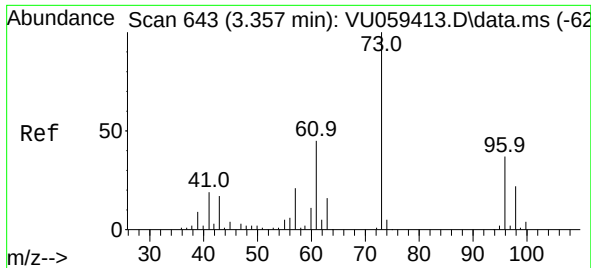
Ion Ratio Lower Upper

84 100

86 64.6 42.1 78.1

49 105.6 80.6 149.8





#17

Methyl tert-butyl Ether

Concen: 5.712 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

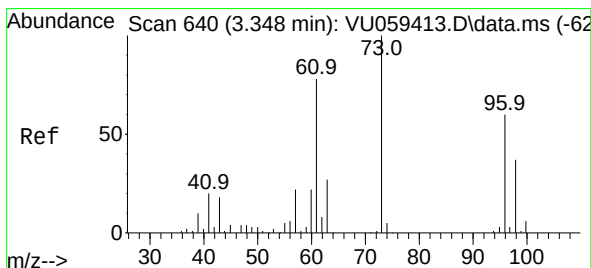
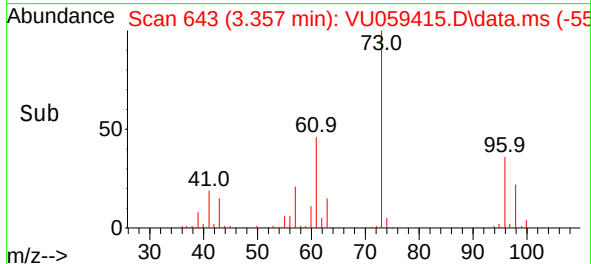
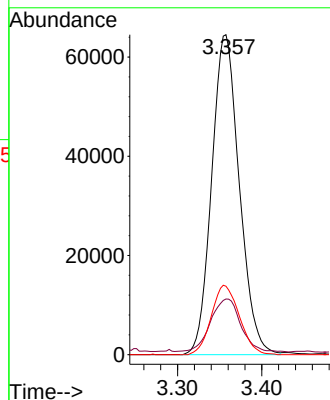
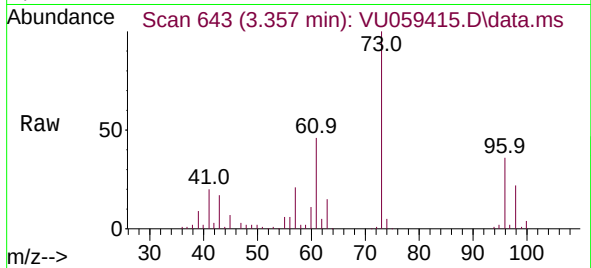
Tgt Ion: 73 Resp: 147082

Ion Ratio Lower Upper

73 100

43 18.1 14.9 22.3

57 22.0 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.247 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

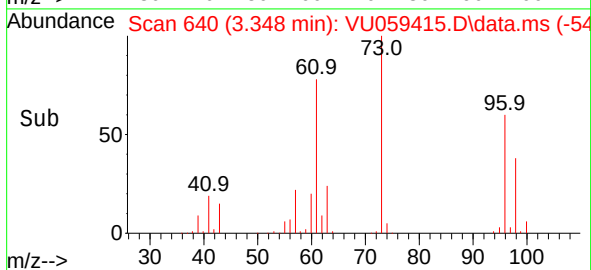
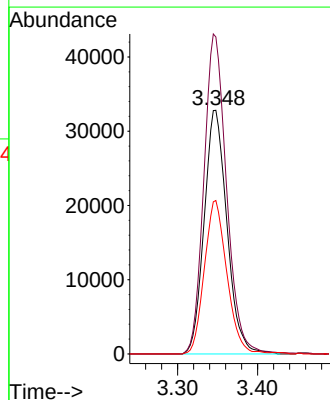
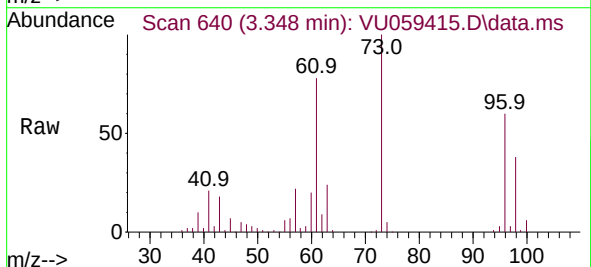
Tgt Ion: 96 Resp: 65208

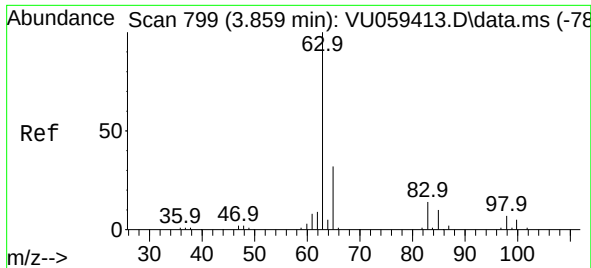
Ion Ratio Lower Upper

96 100

61 130.1 101.8 189.0

98 62.9 43.3 80.5

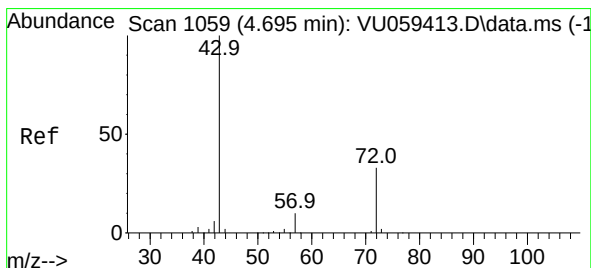
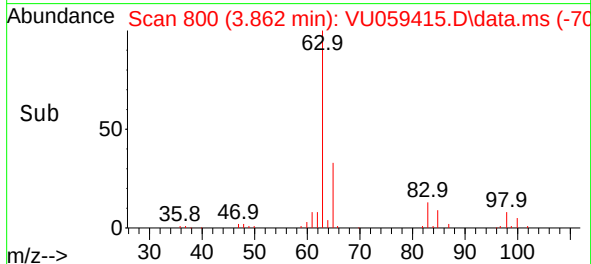
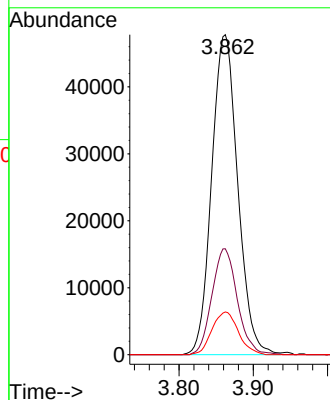
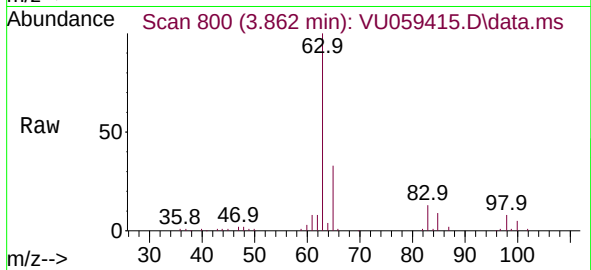




#19
1,1-Dichloroethane
Concen: 5.089 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

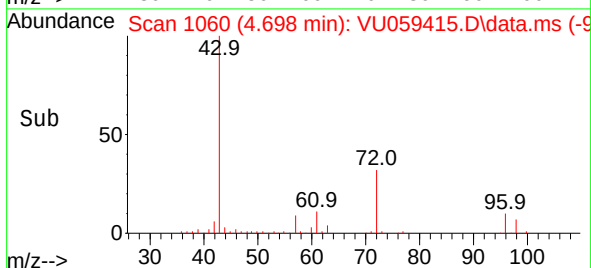
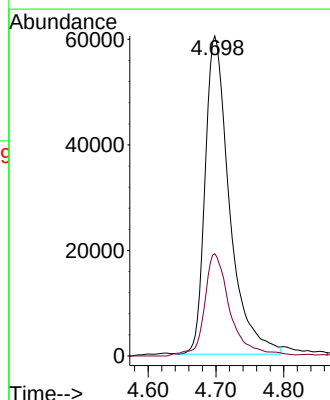
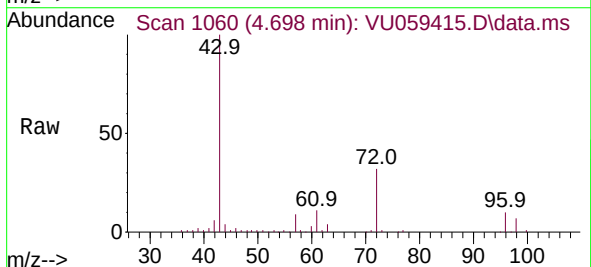
Instrument :
MSVOA_U
ClientSampleId :

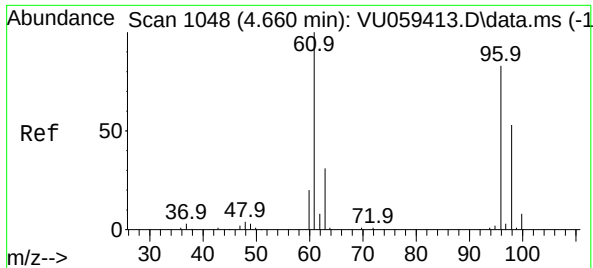
Tgt Ion: 63 Resp: 116635
Ion Ratio Lower Upper
63 100
65 33.6 21.8 40.6
83 13.3 9.9 18.5



#21
2-Butanone
Concen: 60.081 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.003 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

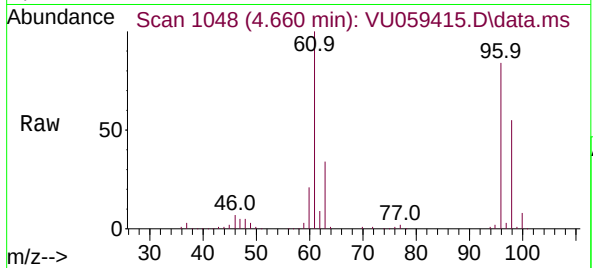
Tgt Ion: 43 Resp: 150865
Ion Ratio Lower Upper
43 100
72 33.8 13.8 41.4



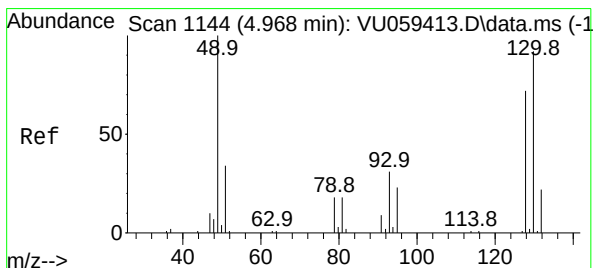
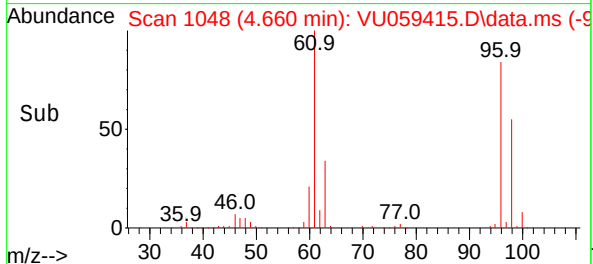
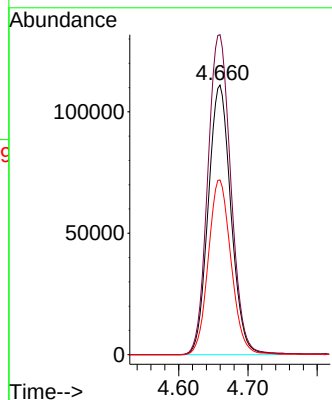


#22
cis-1,2-Dichloroethene
Concen: 18.498 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :

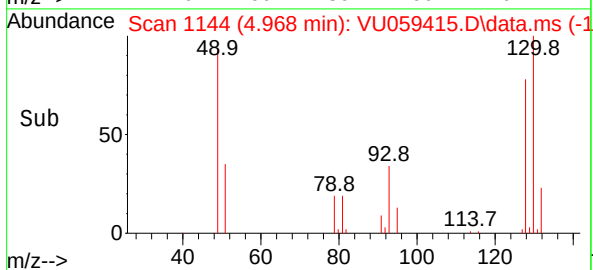
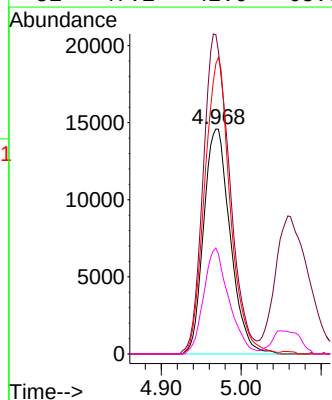
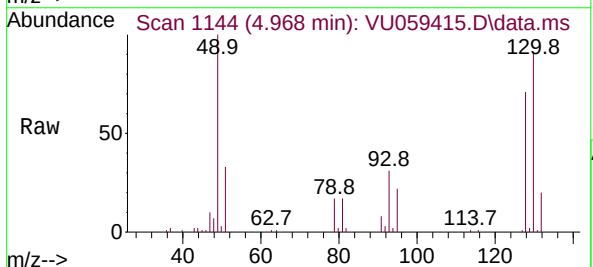


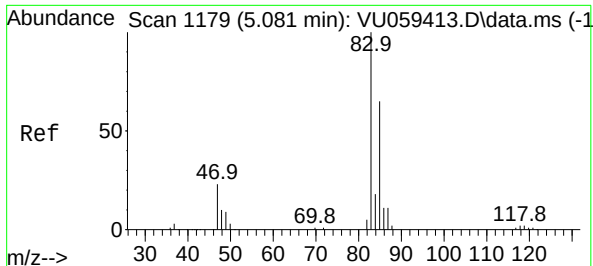
Tgt Ion: 96 Resp: 253404
Ion Ratio Lower Upper
96 100
61 118.7 87.4 162.2
98 64.8 42.3 78.5



#23
Bromochloromethane
Concen: 5.387 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion: 128 Resp: 33641
Ion Ratio Lower Upper
128 100
49 145.8 117.0 217.4
130 129.0 89.6 166.4
51 47.1 42.0 63.0

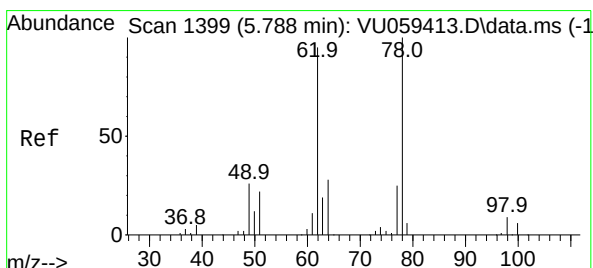
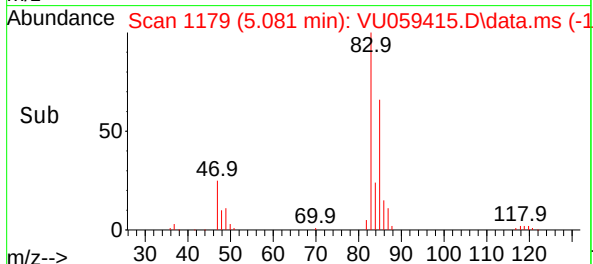
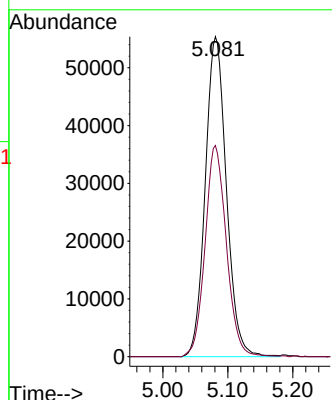
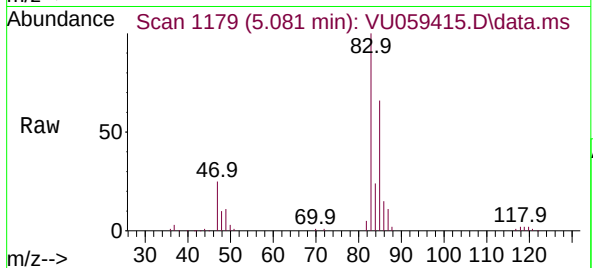




#25
Chloroform
Concen: 5.185 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

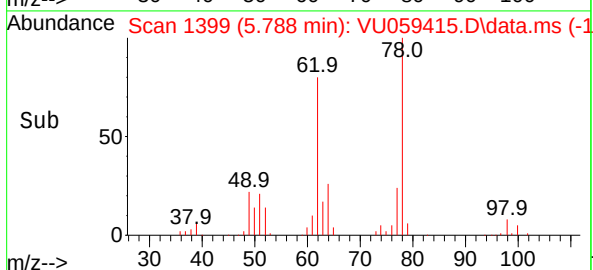
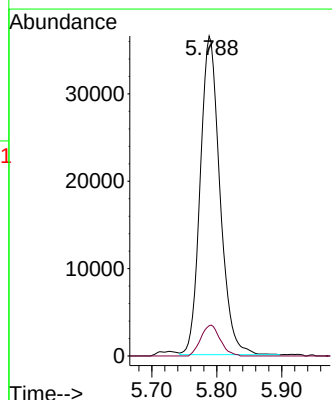
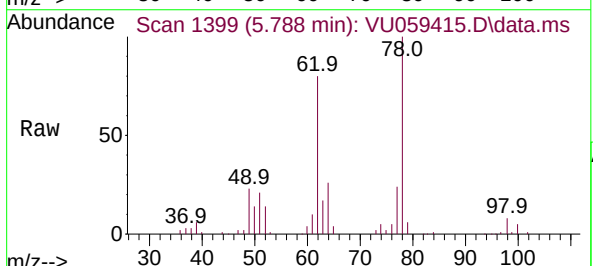
Instrument :
MSVOA_U
ClientSampleId :

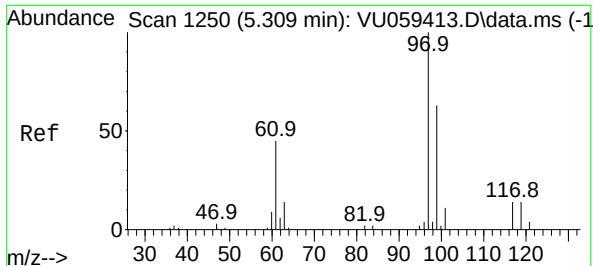
Tgt Ion: 83 Resp: 125152
Ion Ratio Lower Upper
83 100
85 66.0 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.259 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion: 62 Resp: 76932
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3

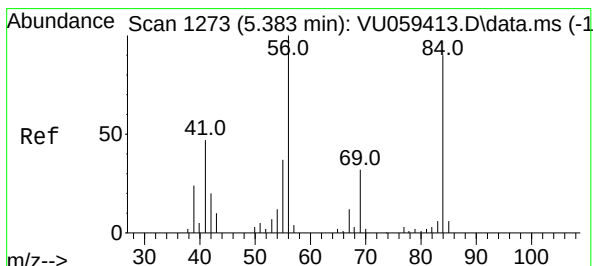
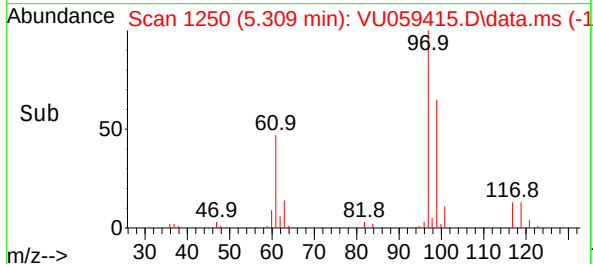
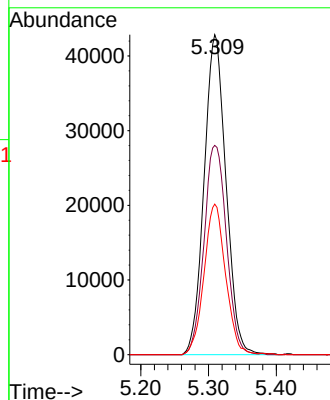
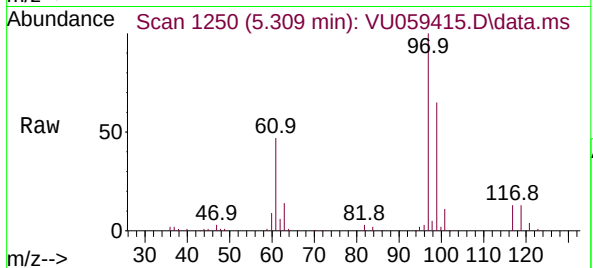




#29
1,1,1-Trichloroethane
Concen: 5.013 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

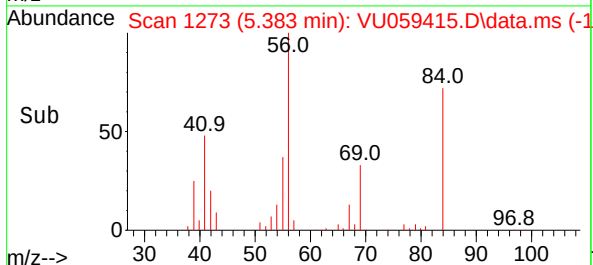
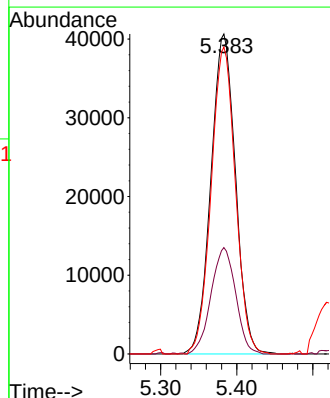
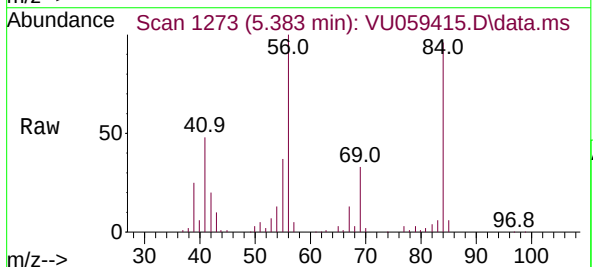
Instrument :
MSVOA_U
ClientSampleId :

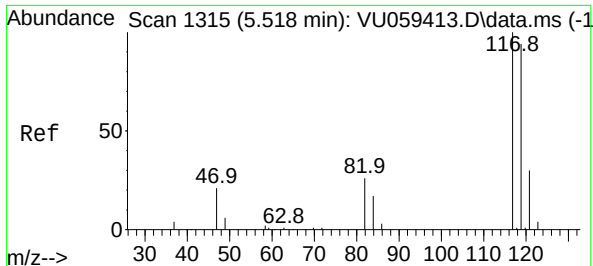
Tgt Ion: 97 Resp: 96289
Ion Ratio Lower Upper
97 100
99 66.9 51.8 77.6
61 46.3 37.4 56.2



#30
Cyclohexane
Concen: 5.375 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion: 56 Resp: 91140
Ion Ratio Lower Upper
56 100
69 33.4 24.8 37.2
84 94.6 69.8 104.8

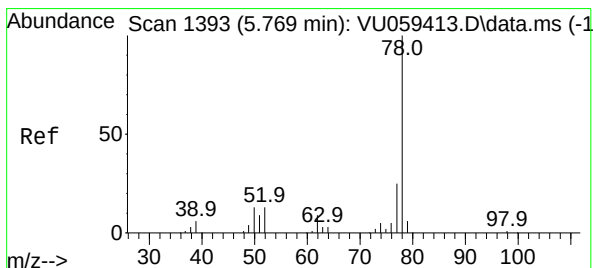
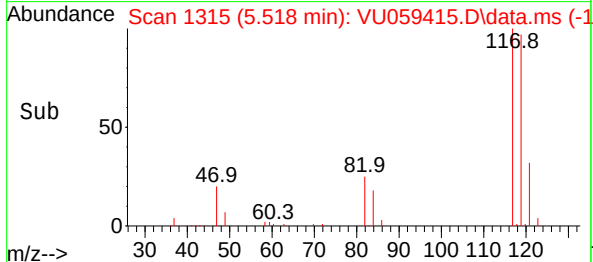
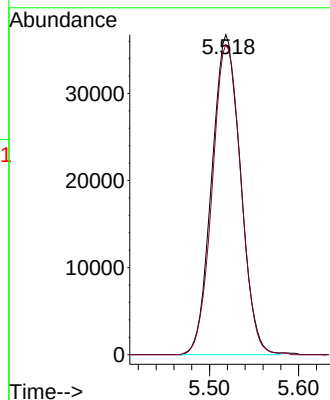
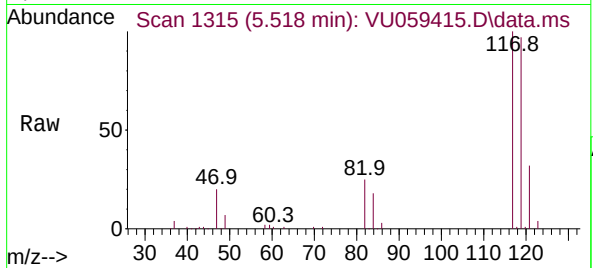




#31
Carbon tetrachloride
Concen: 5.113 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

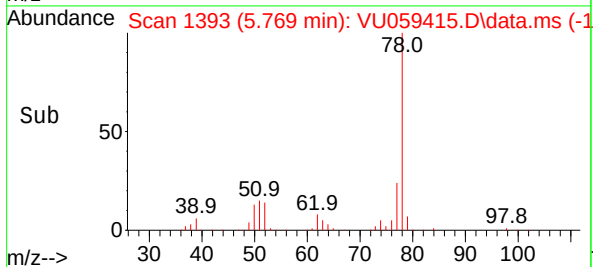
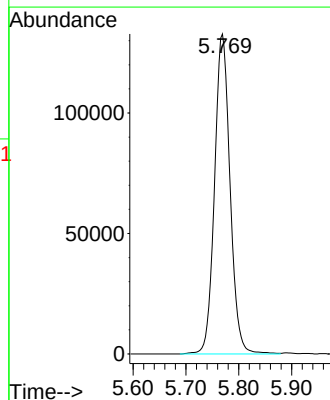
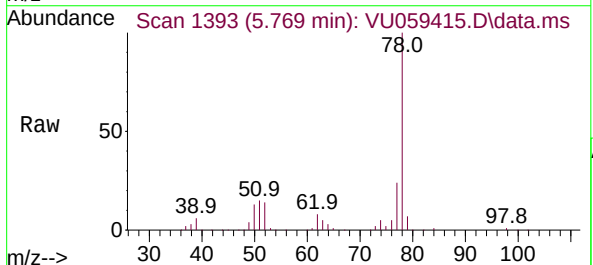
Instrument :
MSVOA_U
ClientSampleId :

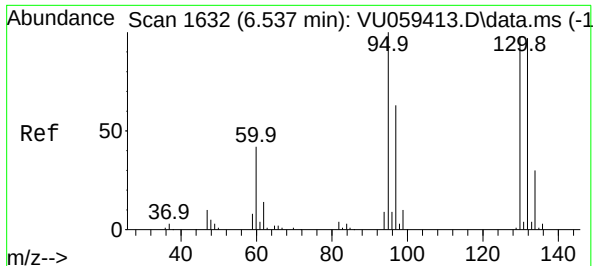
Tgt Ion:117 Resp: 82223
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3



#33
Benzene
Concen: 5.371 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion: 78 Resp: 271281





#34

Trichloroethene

Concen: 7.354 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 100595

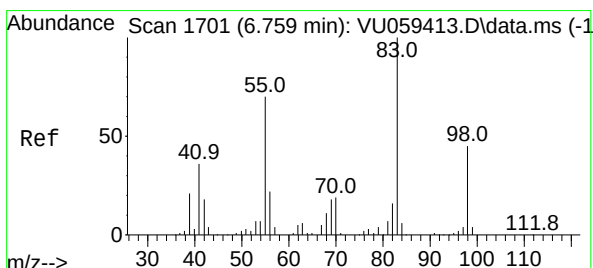
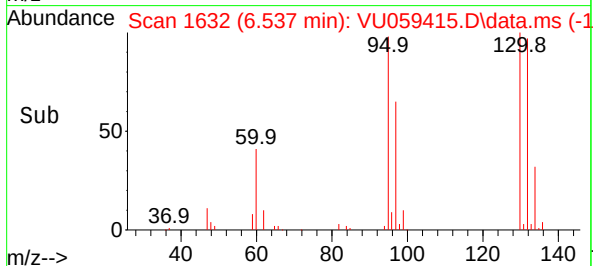
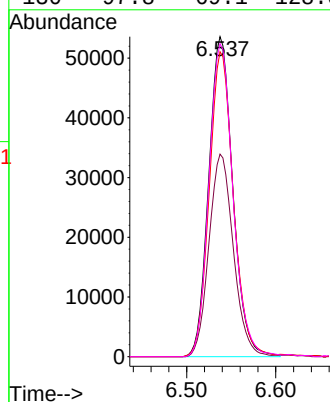
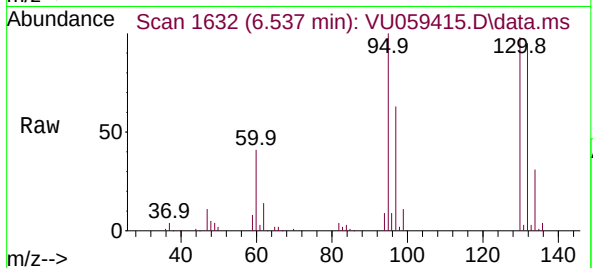
Ion Ratio Lower Upper

95 100

97 63.3 45.3 84.1

132 95.3 64.0 119.0

130 97.8 69.1 128.3



#35

Methylcyclohexane

Concen: 5.267 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

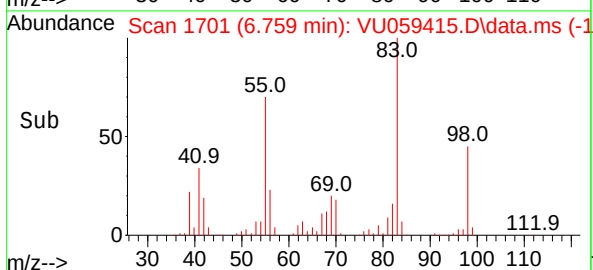
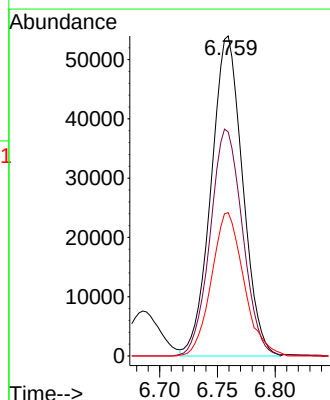
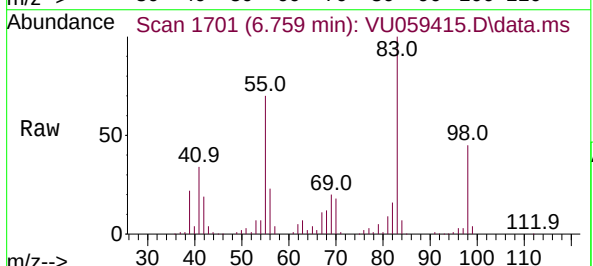
Tgt Ion: 83 Resp: 102501

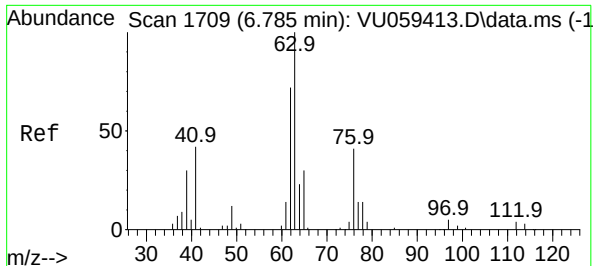
Ion Ratio Lower Upper

83 100

55 72.8 62.7 94.1

98 46.0 35.4 53.0

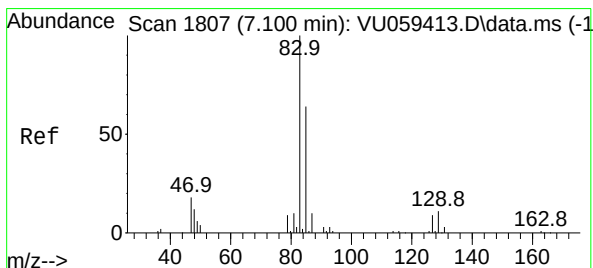
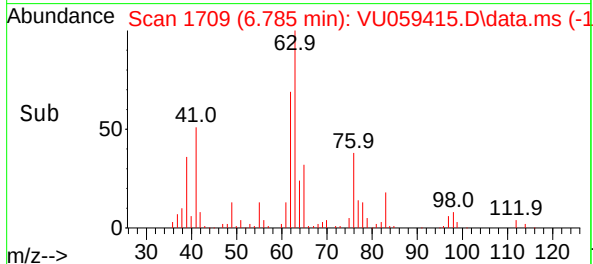
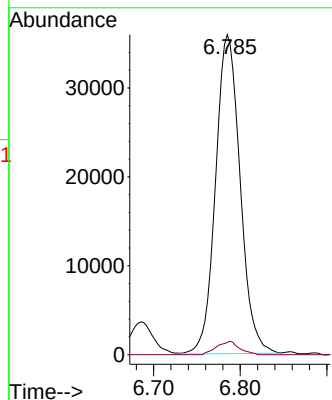
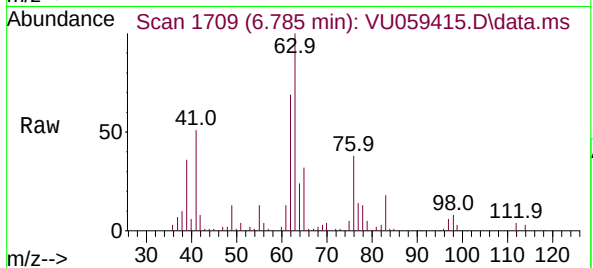




#37
1,2-Dichloropropane
Concen: 5.412 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

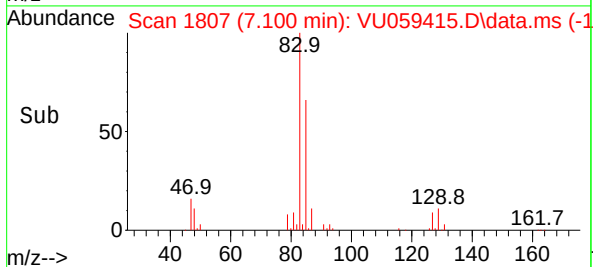
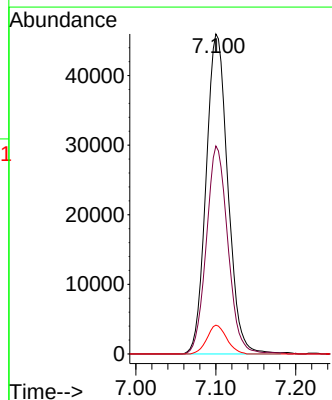
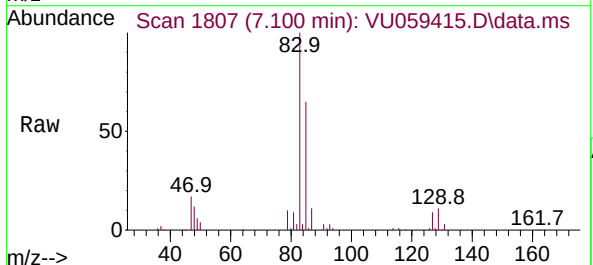
Instrument :
MSVOA_U
ClientSampleId :

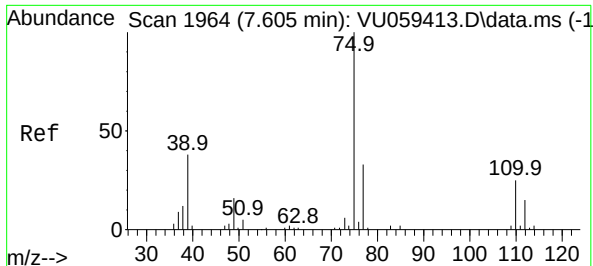
Tgt Ion: 63 Resp: 70733
Ion Ratio Lower Upper
63 100
112 3.8 2.6 3.8



#38
Bromodichloromethane
Concen: 5.329 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion: 83 Resp: 86939
Ion Ratio Lower Upper
83 100
85 65.0 42.7 79.3
127 9.0 6.1 9.1

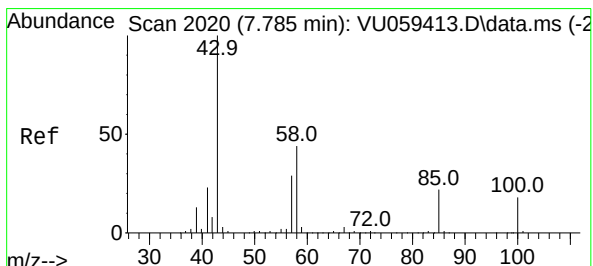
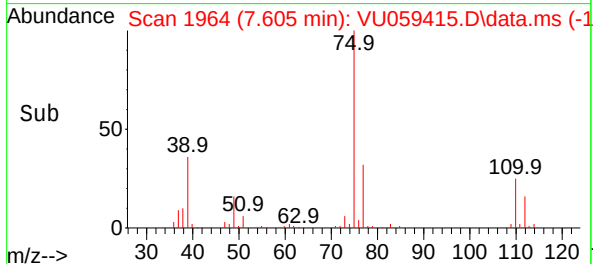
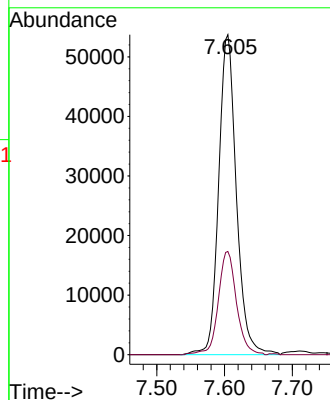
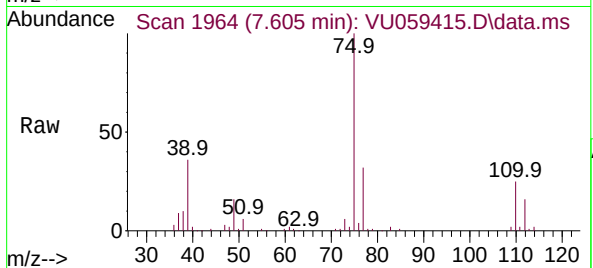




#39
 cis-1,3-Dichloropropene
 Concen: 5.457 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU059415.D
 Acq: 21 Jun 2024 17:35

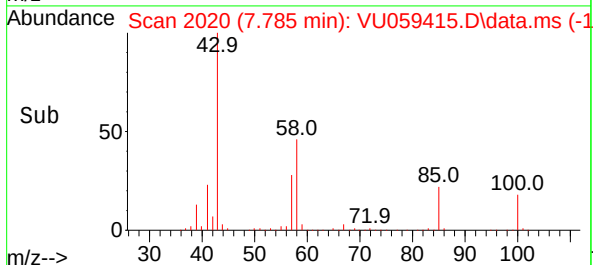
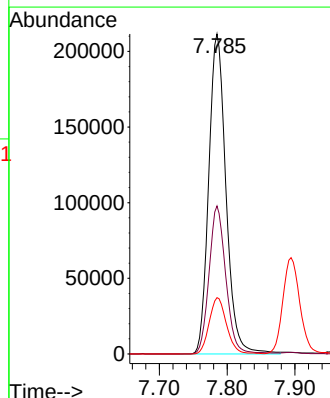
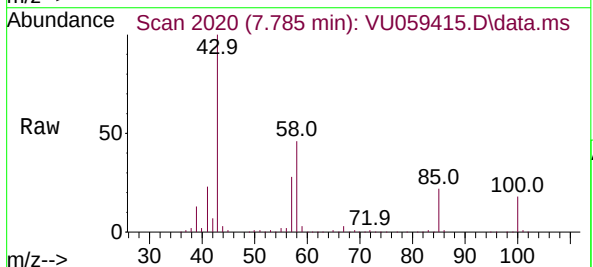
Instrument :
 MSVOA_U
 ClientSampleId :

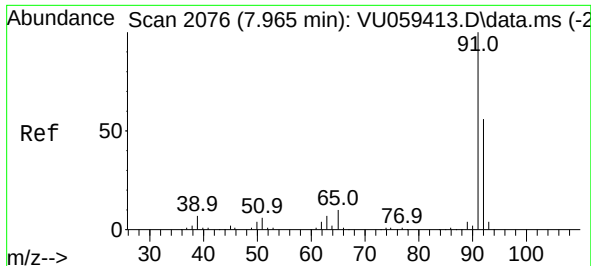
Tgt Ion: 75 Resp: 97548
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 61.691 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU059415.D
 Acq: 21 Jun 2024 17:35

Tgt Ion: 43 Resp: 373632
 Ion Ratio Lower Upper
 43 100
 58 45.1 34.0 51.0
 100 17.7 12.1 18.1





#42

Toluene

Concen: 5.750 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_U

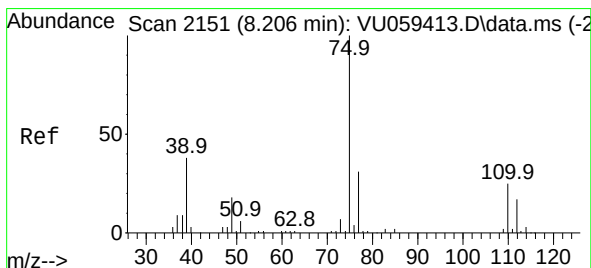
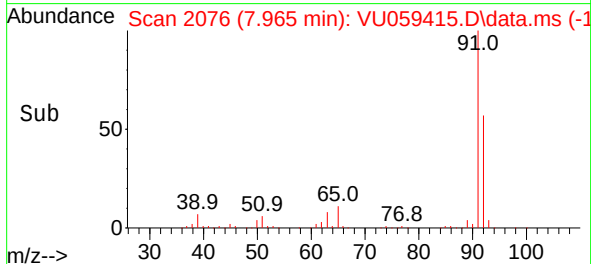
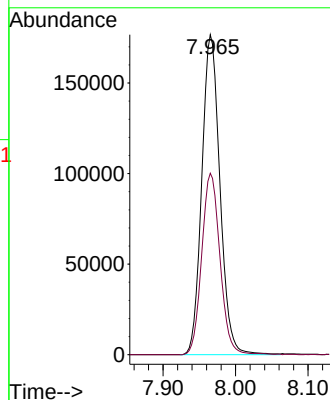
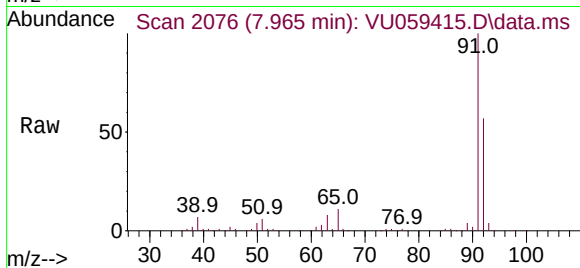
ClientSampleId :

Tgt Ion: 91 Resp: 307473

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.578 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059415.D

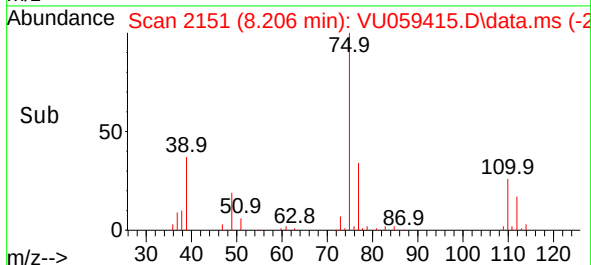
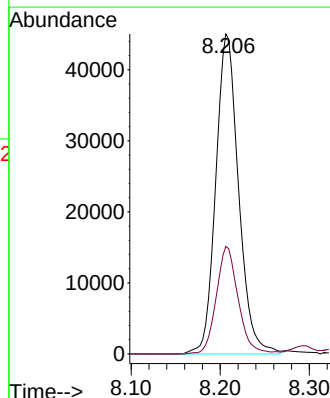
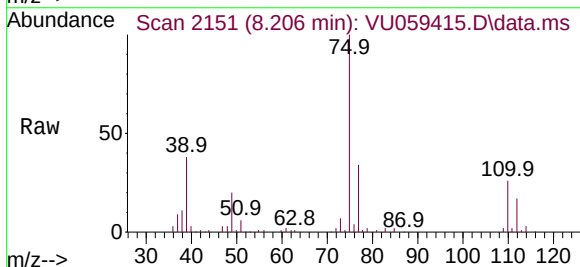
Acq: 21 Jun 2024 17:35

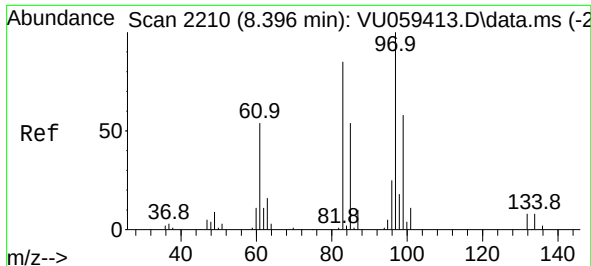
Tgt Ion: 75 Resp: 80027

Ion Ratio Lower Upper

75 100

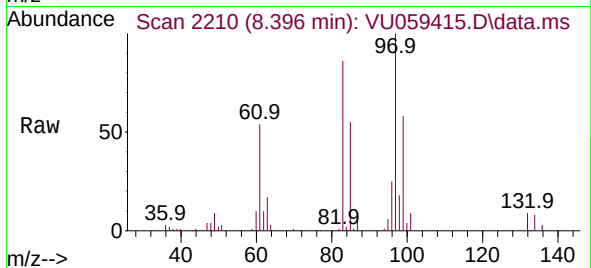
77 33.6 22.0 41.0





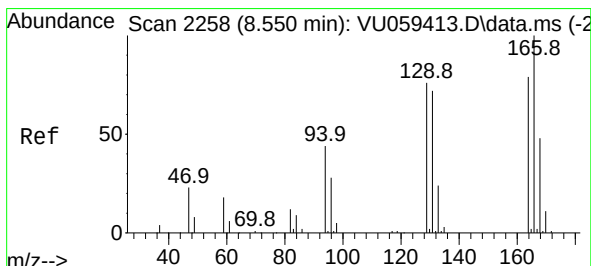
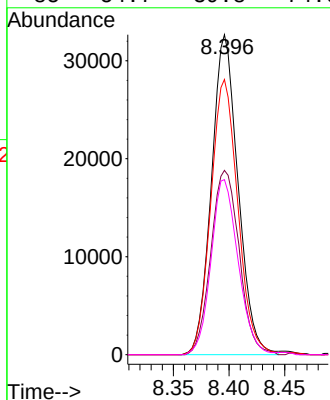
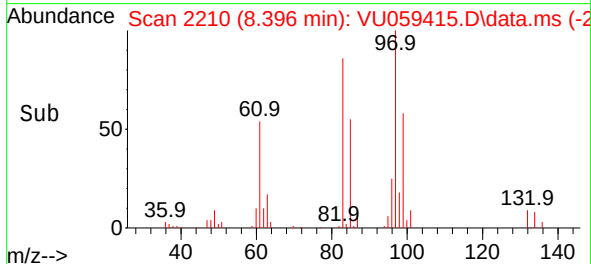
#45
1,1,2-Trichloroethane
Concen: 5.631 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :

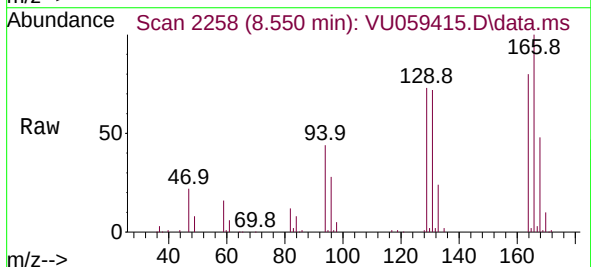


Tgt Ion: 97 Resp: 54232

Ion	Ratio	Lower	Upper
97	100		
99	57.6	43.3	80.3
83	86.0	62.3	115.7
85	54.7	39.8	74.0

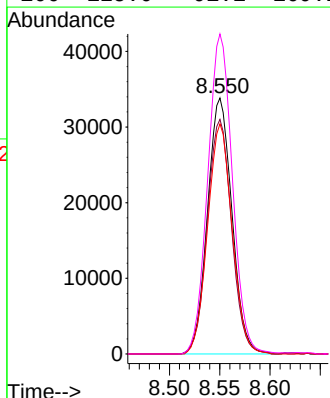
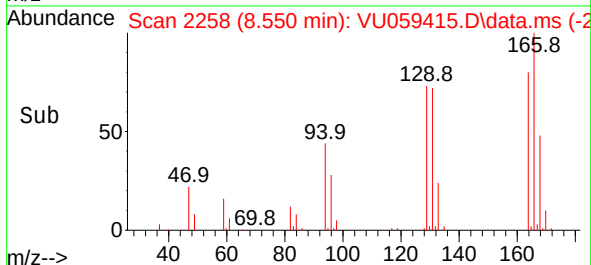


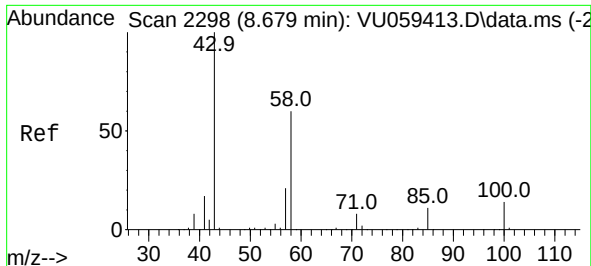
#47
Tetrachloroethene
Concen: 5.400 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35



Tgt Ion: 164 Resp: 57314

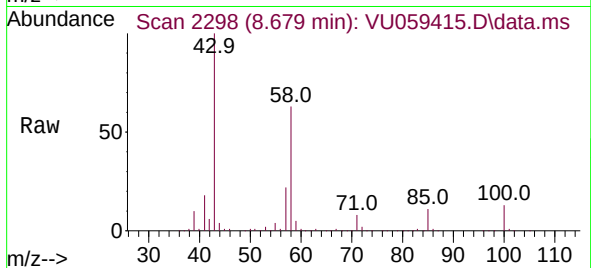
Ion	Ratio	Lower	Upper
164	100		
129	91.6	70.8	131.4
131	89.9	64.8	120.3
166	125.0	91.1	169.1



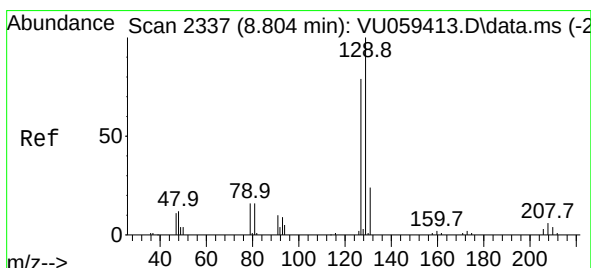
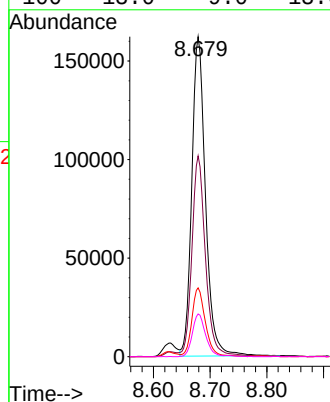
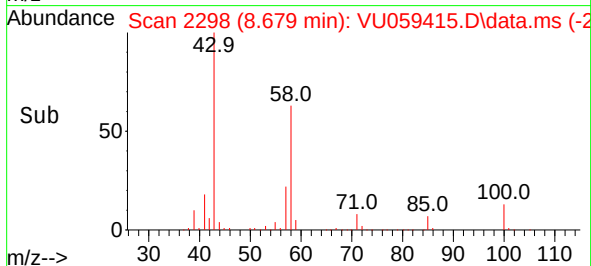


#48
2-Hexanone
Concen: 62.940 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :

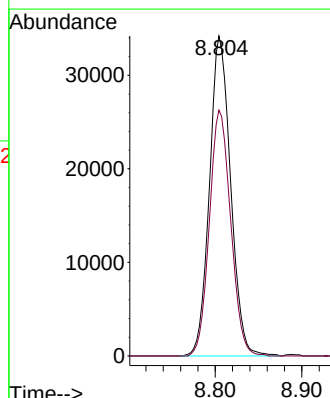
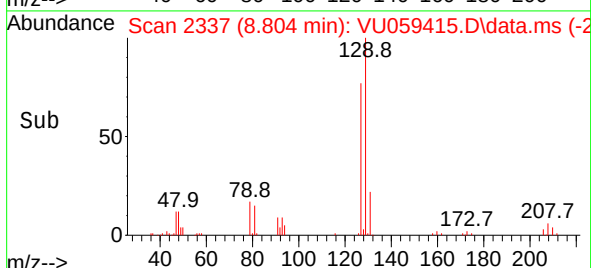
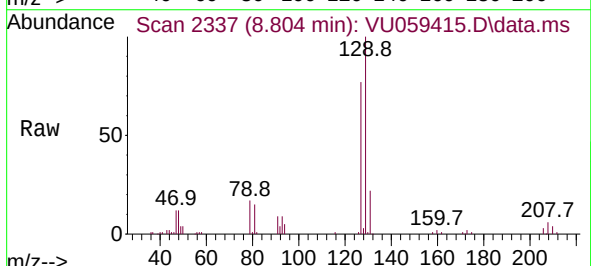


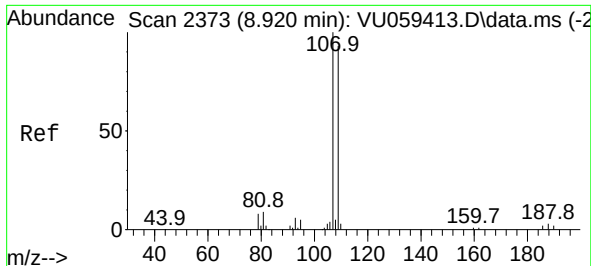
Tgt Ion: 43 Resp: 272055
Ion Ratio Lower Upper
43 100
58 61.9 46.1 69.1
57 21.5 15.5 23.3
100 13.0 9.0 13.6



#49
Dibromochloromethane
Concen: 5.440 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion: 129 Resp: 58038
Ion Ratio Lower Upper
129 100
127 76.8 52.5 97.5

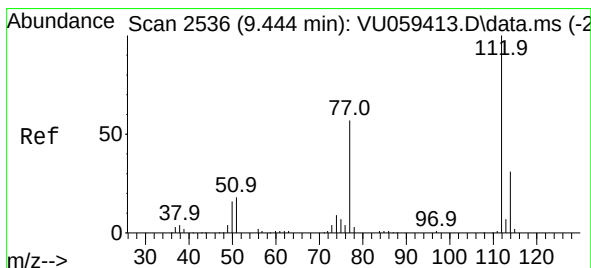
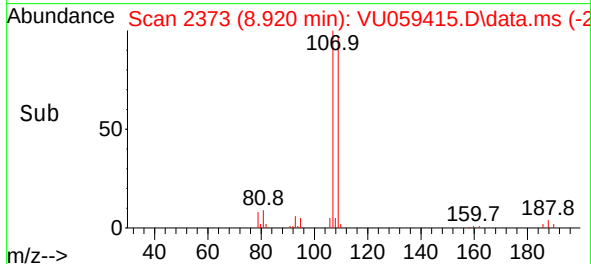
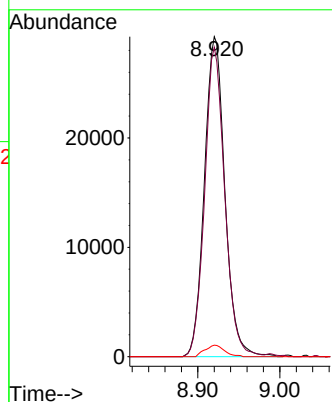
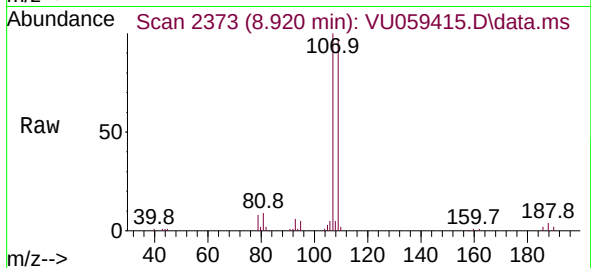




#50
1,2-Dibromoethane
Concen: 5.723 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

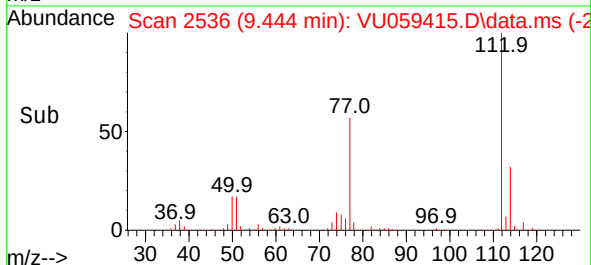
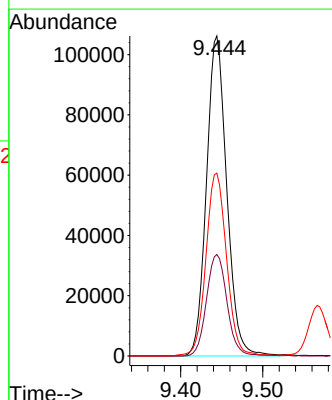
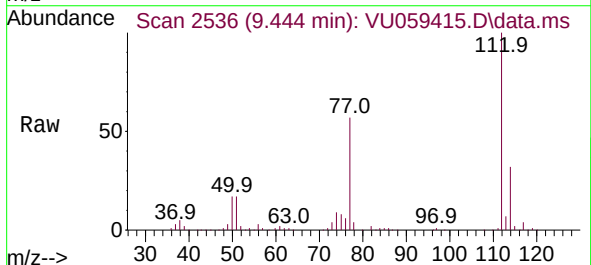
Instrument :
MSVOA_U
ClientSampleId :

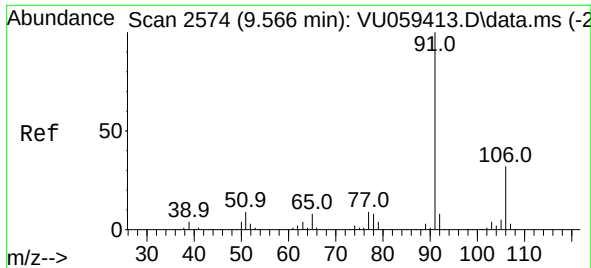
Tgt Ion:107 Resp: 50902
Ion Ratio Lower Upper
107 100
109 96.7 66.9 124.3
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 5.378 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion:112 Resp: 182376
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 57.2 49.1 73.7

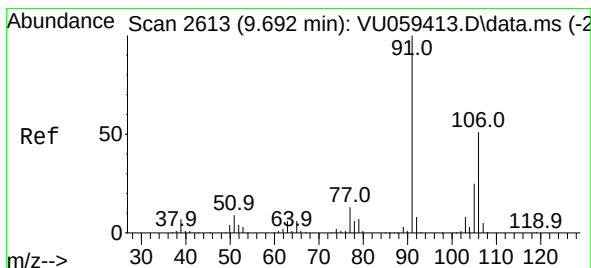
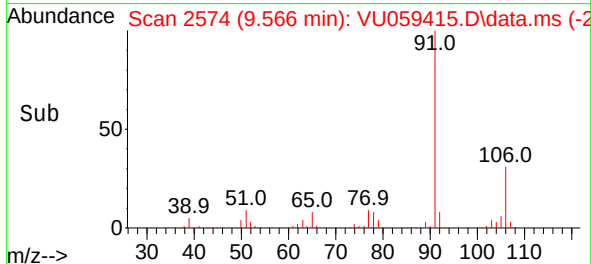
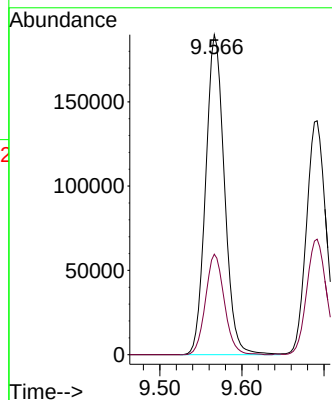
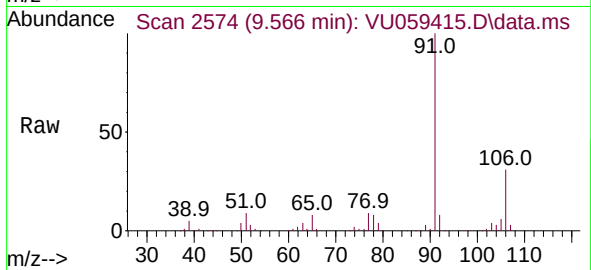




#52
Ethylbenzene
Concen: 5.502 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

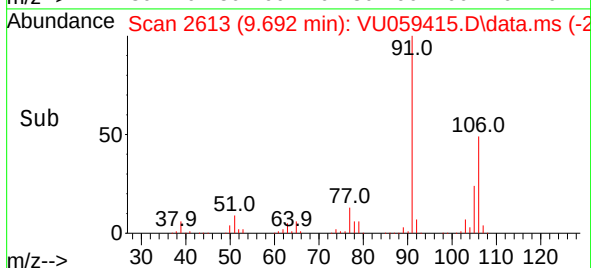
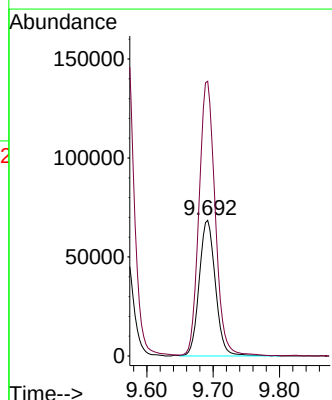
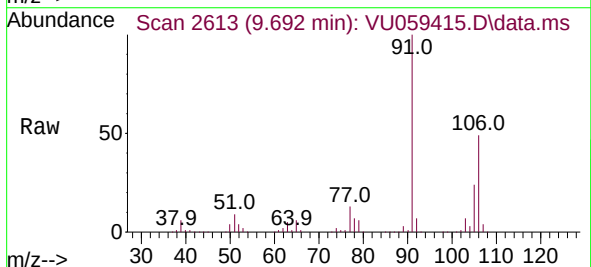
Instrument :
MSVOA_U
ClientSampleId :

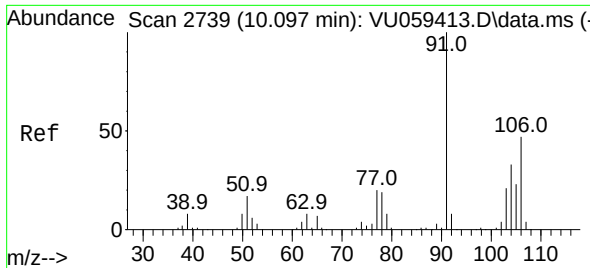
Tgt Ion: 91 Resp: 301820
Ion Ratio Lower Upper
91 100
106 31.4 20.9 38.7



#53
m,p-Xylene
Concen: 5.530 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion:106 Resp: 116502
Ion Ratio Lower Upper
106 100
91 202.5 142.0 263.8

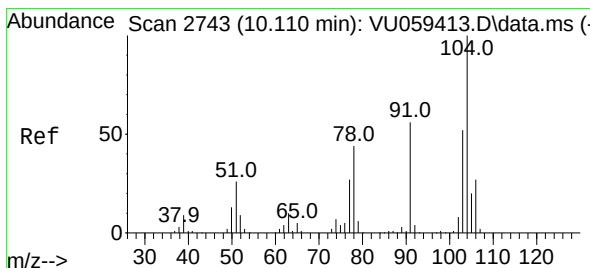
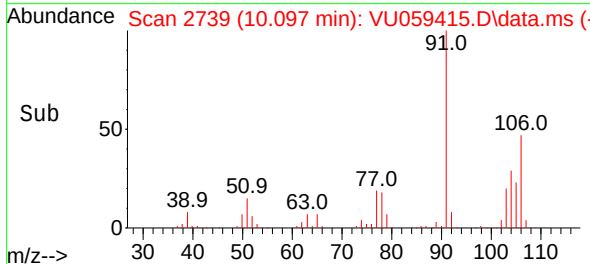
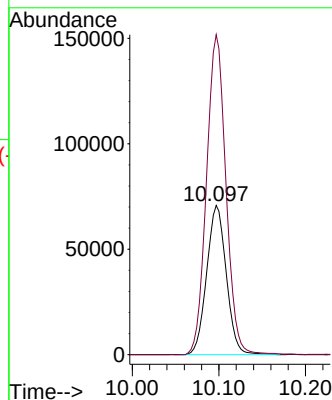
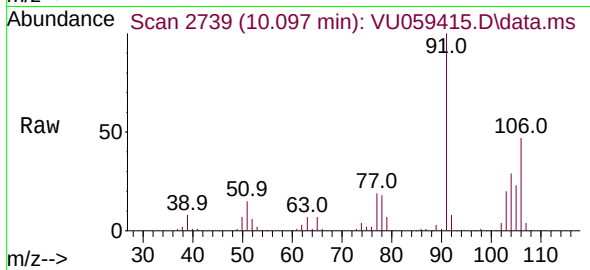




#54
o-Xylene
Concen: 5.564 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

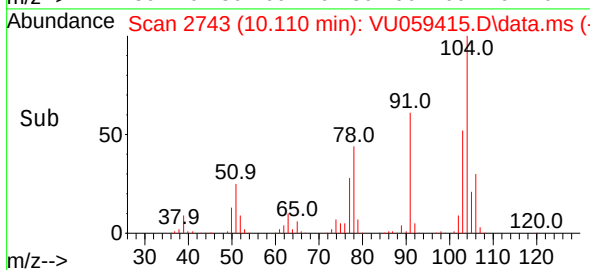
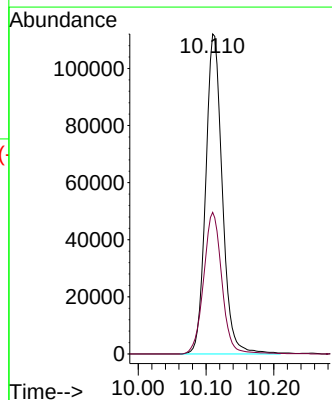
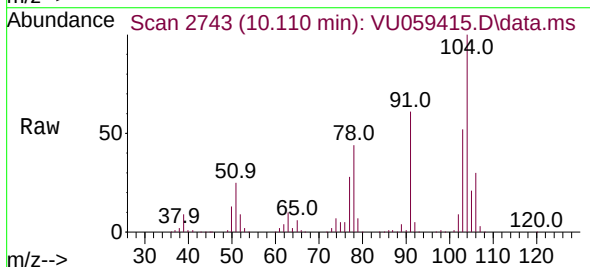
Instrument :
MSVOA_U
ClientSampleId :

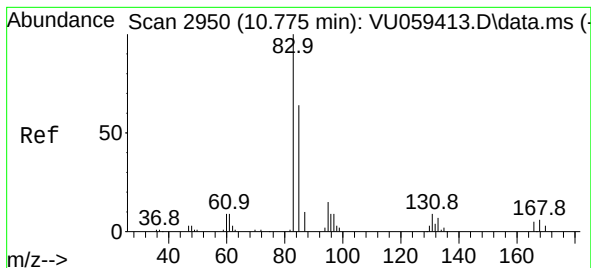
Tgt Ion:106 Resp: 111253
Ion Ratio Lower Upper
106 100
91 214.4 151.6 281.6



#55
Styrene
Concen: 5.608 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion:104 Resp: 190864
Ion Ratio Lower Upper
104 100
78 44.3 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.599 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

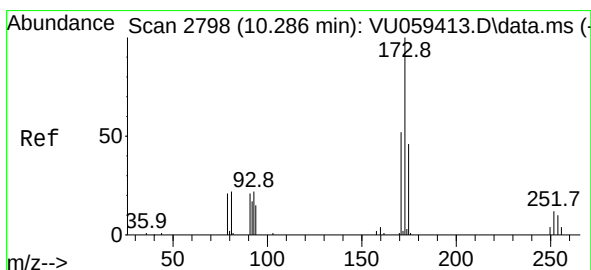
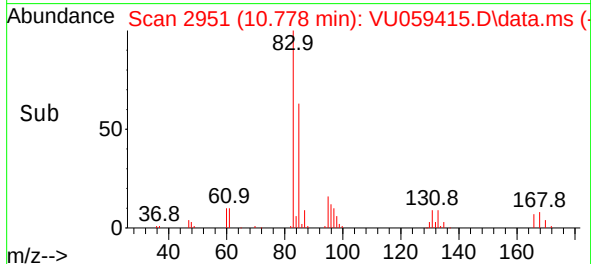
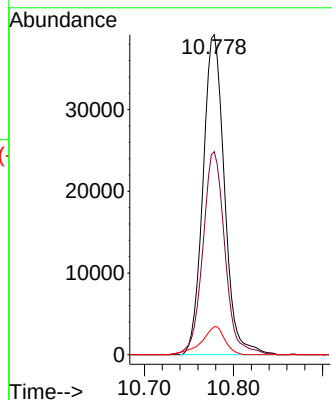
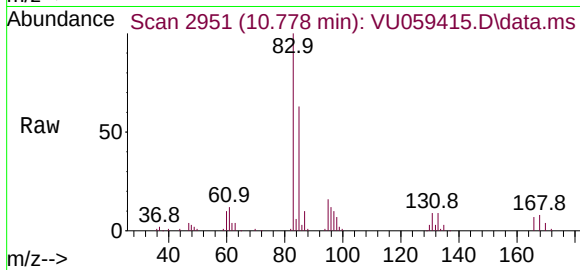
Tgt Ion: 83 Resp: 65417

Ion Ratio Lower Upper

83 100

85 63.5 44.7 82.9

131 8.8 6.9 10.3



#59

Bromoform

Concen: 5.266 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

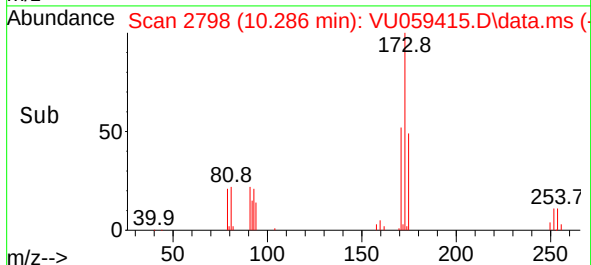
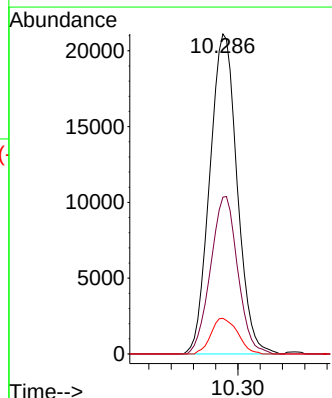
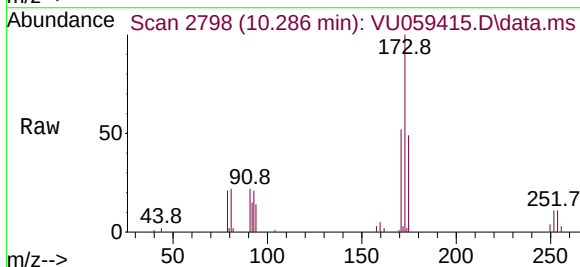
Tgt Ion:173 Resp: 36018

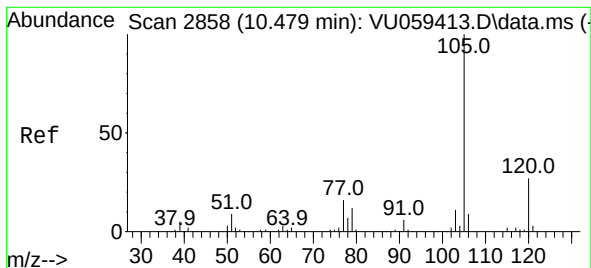
Ion Ratio Lower Upper

173 100

175 48.7 39.4 59.2

254 10.8 7.4 11.2





#60

Isopropylbenzene

Concen: 5.269 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

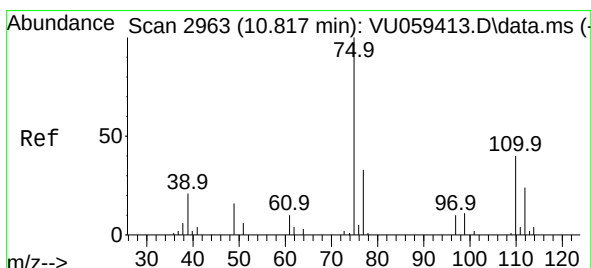
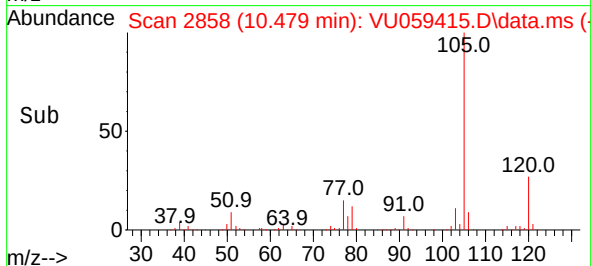
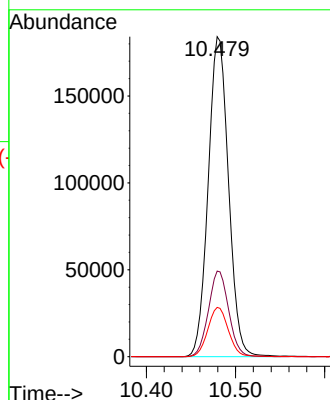
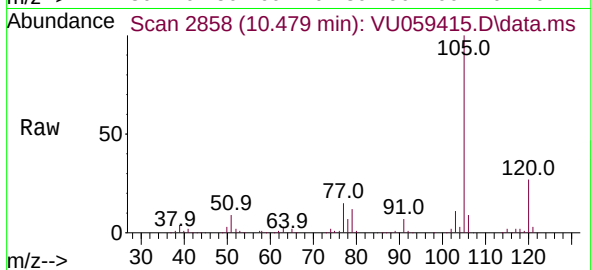
Tgt Ion:105 Resp: 290930

Ion Ratio Lower Upper

105 100

120 26.7 20.6 31.0

77 15.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.428 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

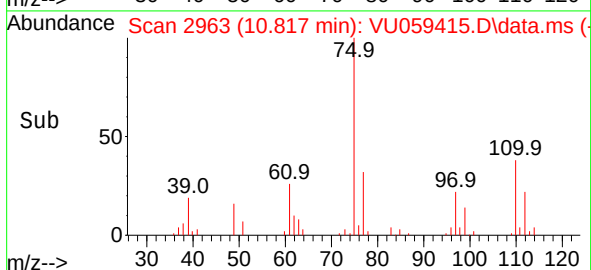
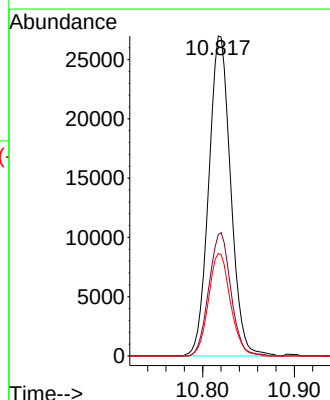
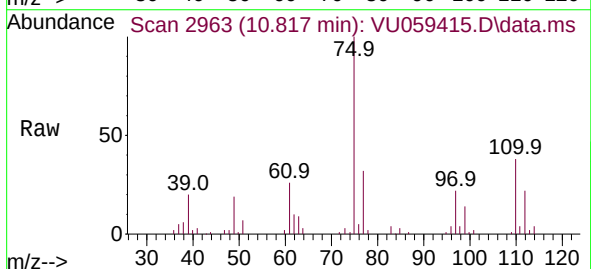
Tgt Ion: 75 Resp: 44829

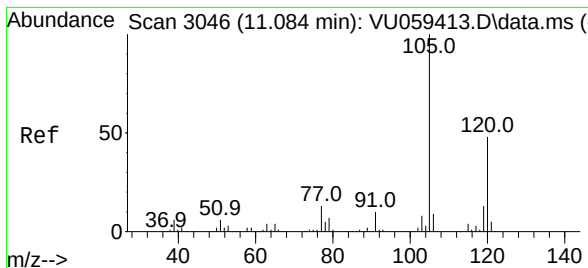
Ion Ratio Lower Upper

75 100

110 38.6 27.1 40.7

77 32.0 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.269 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_U

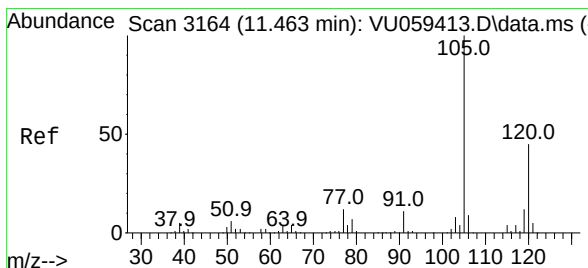
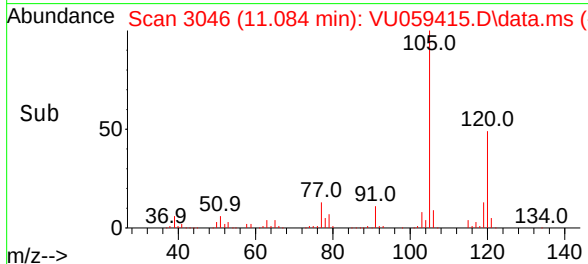
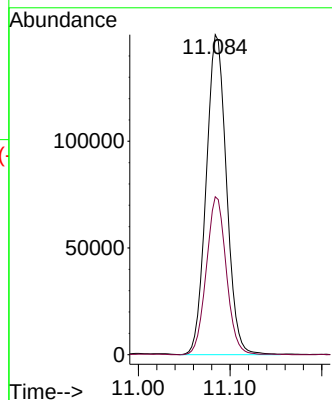
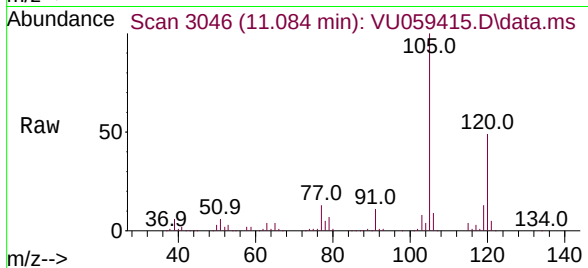
ClientSampleId :

Tgt Ion:105 Resp: 230454

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.491 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU059415.D

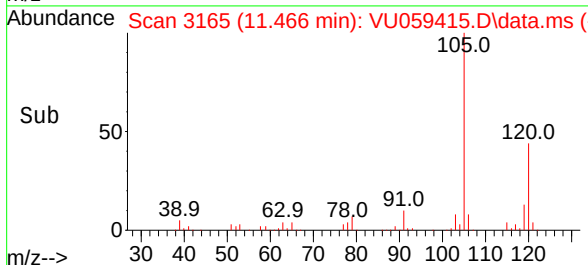
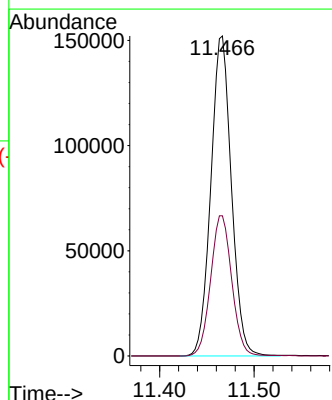
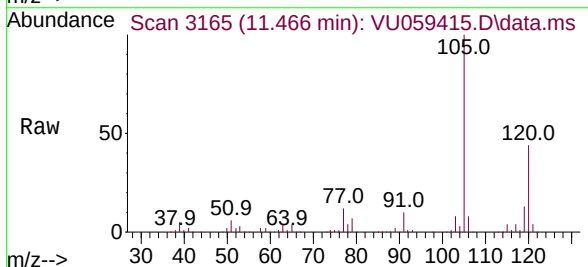
Acq: 21 Jun 2024 17:35

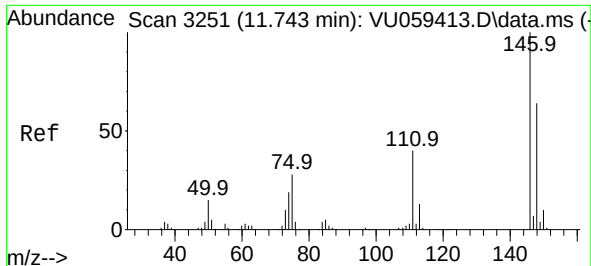
Tgt Ion:105 Resp: 229613

Ion Ratio Lower Upper

105 100

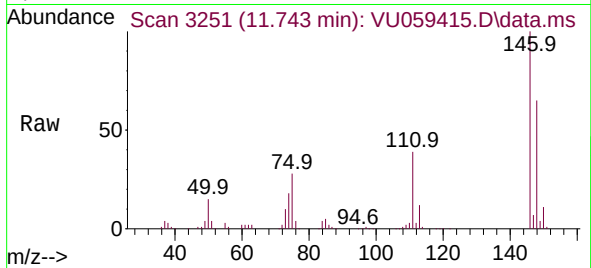
120 45.0 35.4 53.0



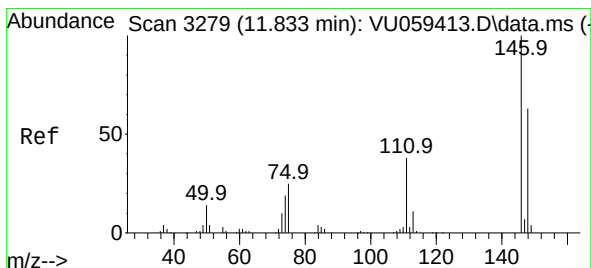
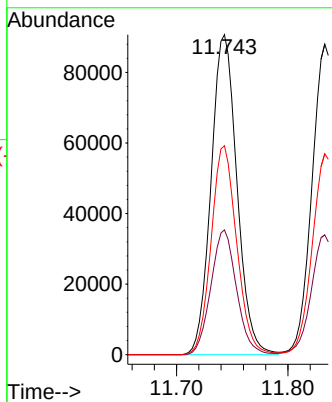
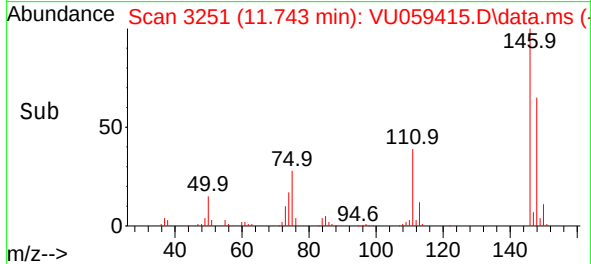


#64
1,3-Dichlorobenzene
Concen: 5.219 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

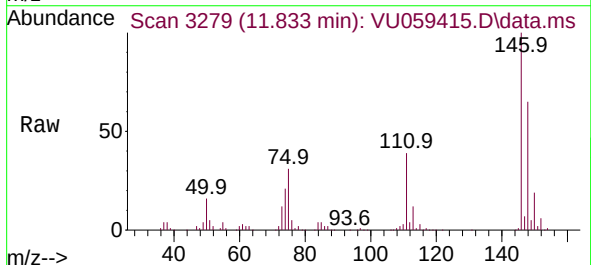
Instrument :
MSVOA_U
ClientSampleId :



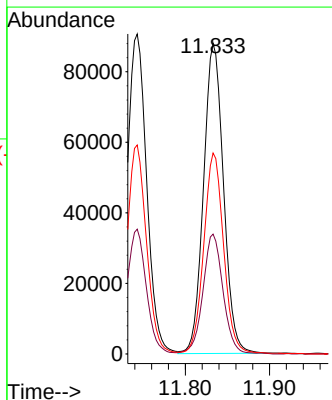
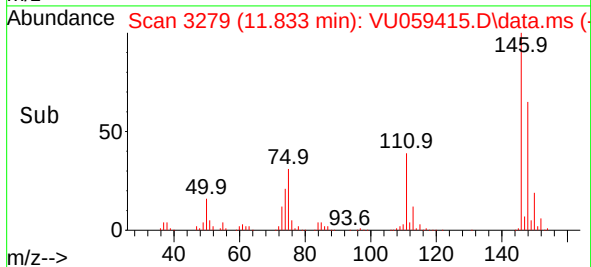
Tgt Ion:146 Resp: 146569
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 65.3 45.0 83.6

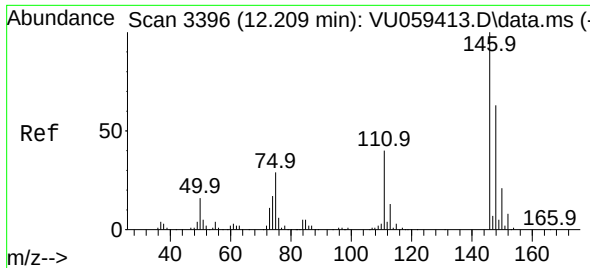


#65
1,4-Dichlorobenzene
Concen: 5.022 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35



Tgt Ion:146 Resp: 145161
Ion Ratio Lower Upper
146 100
111 38.6 26.9 50.1
148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.145 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

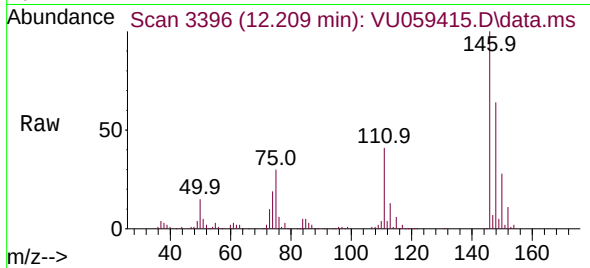
Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :



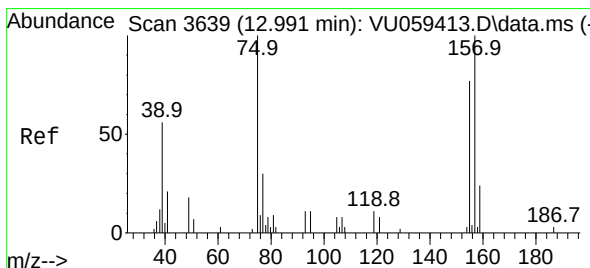
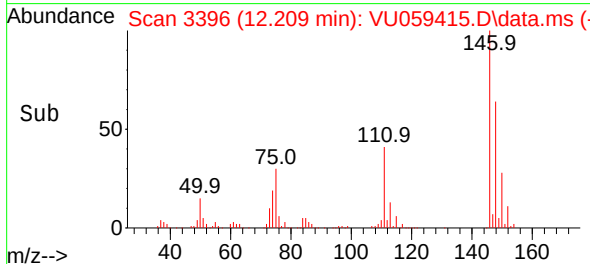
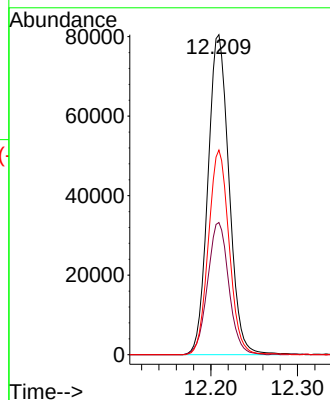
Tgt Ion:146 Resp: 135968

Ion Ratio Lower Upper

146 100

111 41.3 33.4 50.0

148 63.9 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.233 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

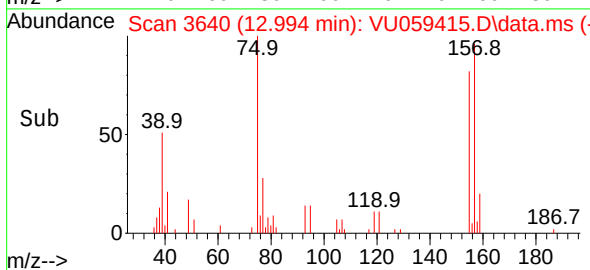
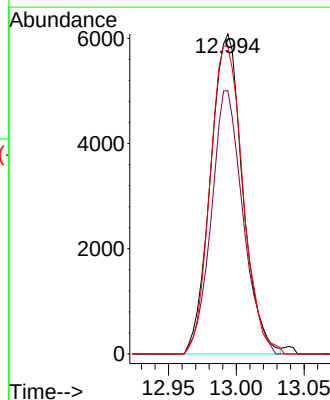
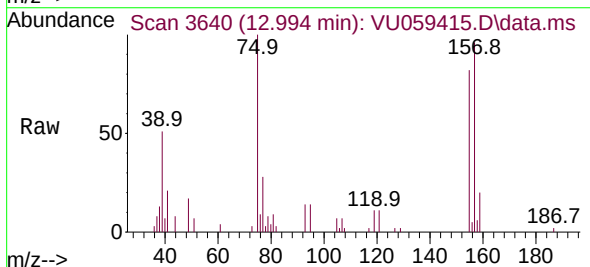
Tgt Ion: 75 Resp: 10042

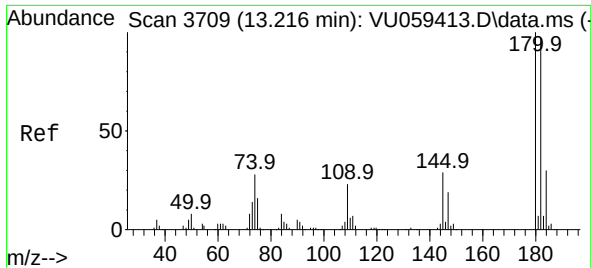
Ion Ratio Lower Upper

75 100

155 82.2 58.2 87.2

157 95.9 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.062 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

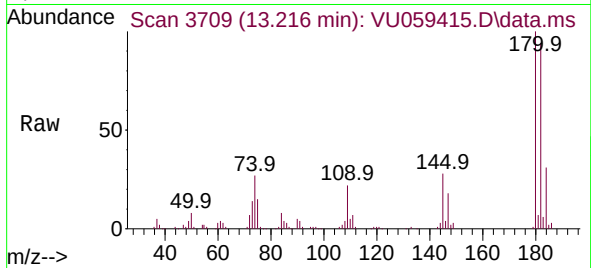
Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 105227

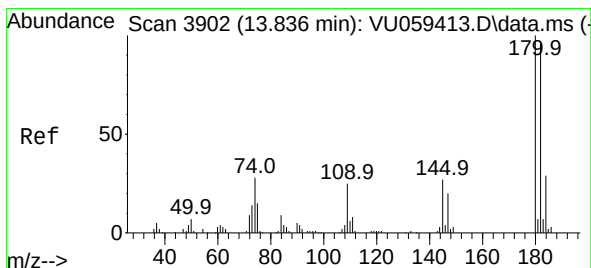
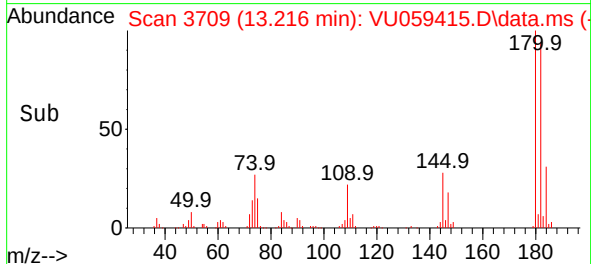
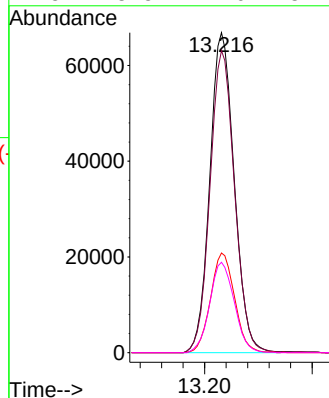
Ion Ratio Lower Upper

180 100

182 95.0 75.4 113.0

184 30.8 23.0 34.6

145 28.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.417 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059415.D

Acq: 21 Jun 2024 17:35

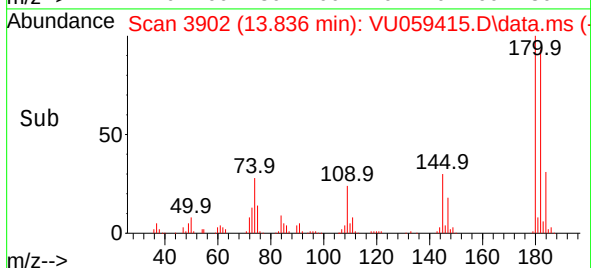
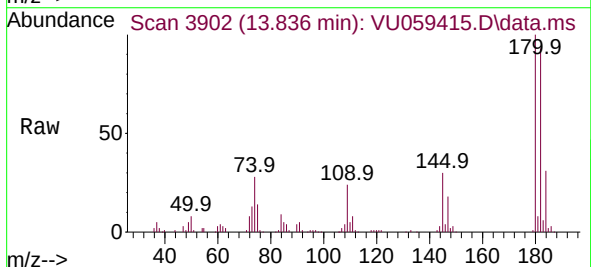
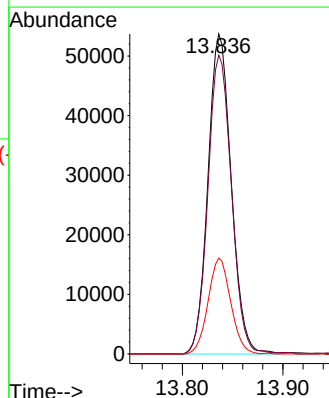
Tgt Ion:180 Resp: 86375

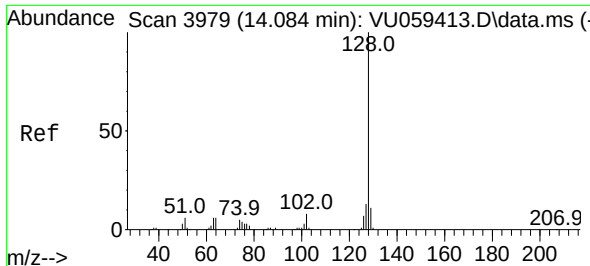
Ion Ratio Lower Upper

180 100

182 94.3 74.9 112.3

145 29.1 23.9 35.9

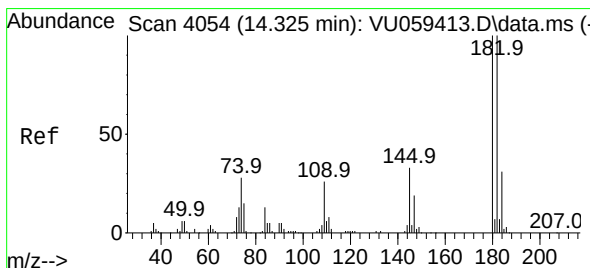
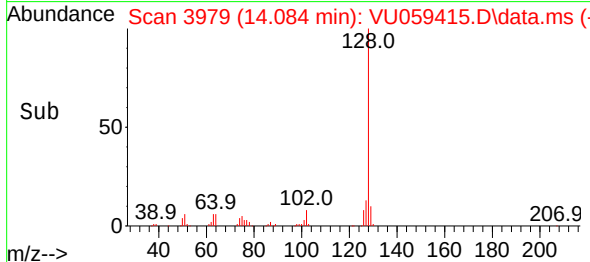
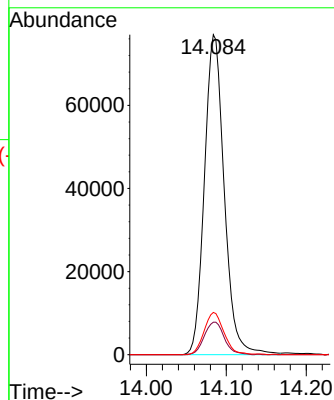
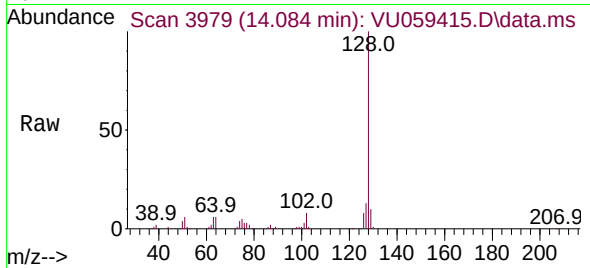




#71
Naphthalene
Concen: 5.813 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 132680
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.400 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059415.D
Acq: 21 Jun 2024 17:35

Tgt Ion:180 Resp: 79954
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.6
145 31.2 26.2 39.4

