

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059413.D
 Acq On : 21 Jun 2024 15:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 01:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	175717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44514	3.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.907	69	47265	4.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	18999	3.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.618	46	139514	55.432	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.860%
24) Chloroform-d	5.055	84	106261	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	54199	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.721	84	203053	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.685	67	65428	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.894	98	181081	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.177	79	22095	4.895	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	111177	59.280	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58539	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	70928	4.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	69760	4.685	ug/L	98
3) Chloromethane	1.518	50	78598	4.905	ug/L	100
5) Vinyl chloride	1.599	62	85996	4.858	ug/L	99
6) Bromomethane	1.849	94	54845	4.456	ug/L	97
8) Chloroethane	1.927	64	51422	4.821	ug/L	100
9) Trichlorofluoromethane	2.132	101	99545	4.671	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	62391	4.625	ug/L	96
12) 1,1-Dichloroethene	2.573	96	59102	4.742	ug/L	89
13) Acetone	2.621	43	81830	50.121	ug/L	97
14) Carbon disulfide	2.785	76	189890	4.567	ug/L	100
15) Methyl Acetate	2.946	43	23583	5.474	ug/L	94
16) Methylene chloride	3.039	84	73396	4.970	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	144912	5.396	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	64216	4.955	ug/L	92
19) 1,1-Dichloroethane	3.859	63	114504	4.791	ug/L	99
21) 2-Butanone	4.695	43	145033	55.384	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	71330	4.993	ug/L	96
23) Bromochloromethane	4.968	128	32549	4.998	ug/L	88
25) Chloroform	5.081	83	121023	4.808	ug/L	99

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Instrument :
 MSVOA_U
 ClientSampleId :

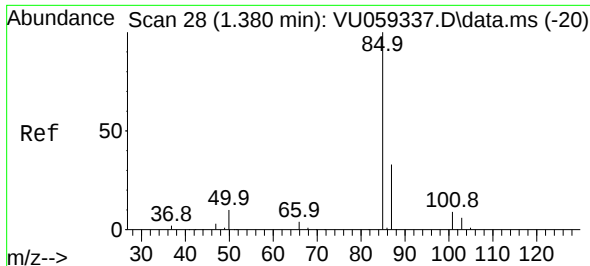
Quant Time: Jun 22 01:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	78078	5.118	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	97161	4.922	ug/L	98
30) Cyclohexane	5.383	56	94213	5.406	ug/L	96
31) Carbon tetrachloride	5.518	117	81211	4.914	ug/L	100
33) Benzene	5.769	78	268613	5.175	ug/L	100
34) Trichloroethene	6.537	95	73442	5.225	ug/L	97
35) Methylcyclohexane	6.759	83	107338	5.366	ug/L	94
37) 1,2-Dichloropropane	6.785	63	69740	5.192	ug/L #	98
38) Bromodichloromethane	7.100	83	84830	5.059	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	98511	5.363	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	364973	58.638	ug/L	97
42) Toluene	7.965	91	293345	5.338	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	82541	5.598	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	53364	5.391	ug/L	96
47) Tetrachloroethene	8.550	164	56790	5.206	ug/L	97
48) 2-Hexanone	8.679	43	264980	59.652	ug/L	97
49) Dibromochloromethane	8.804	129	57269	5.223	ug/L	95
50) 1,2-Dibromoethane	8.920	107	50081	5.479	ug/L	98
51) Chlorobenzene	9.444	112	181616	5.211	ug/L	96
52) Ethylbenzene	9.566	91	301446	5.347	ug/L	96
53) m,p-Xylene	9.692	106	117920	5.447	ug/L	95
54) o-Xylene	10.097	106	111861	5.444	ug/L	97
55) Styrene	10.110	104	194213	5.552	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	64363	5.360	ug/L	99
59) Bromoform	10.286	173	35383	4.986	ug/L	97
60) Isopropylbenzene	10.479	105	297795	5.199	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	45138	5.267	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	234359	5.164	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	238046	5.486	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	147495	5.062	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	148198	4.942	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	137880	5.029	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9684	5.794	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	109939	5.097	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	89899	5.434	ug/L	97
71) Naphthalene	14.084	128	154876	6.540	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	82771	5.388	ug/L	98

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

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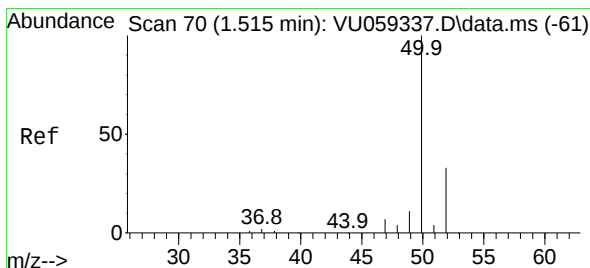
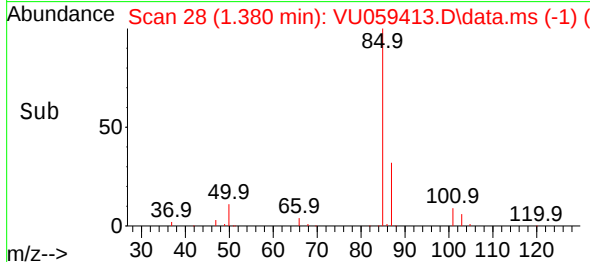
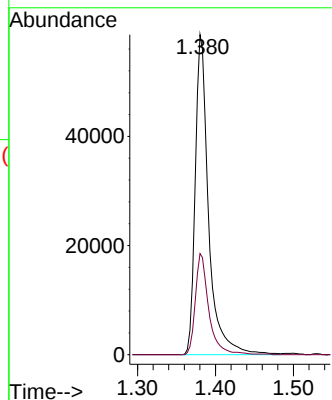
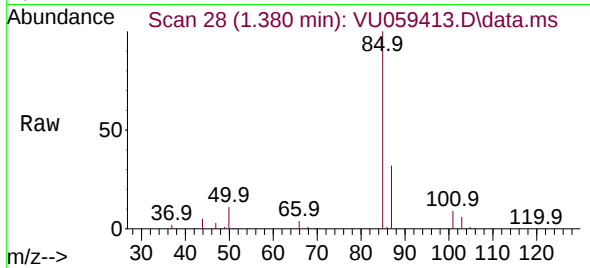




#2
 Dichlorodifluoromethane
 Concen: 4.685 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059413.D
 Acq: 21 Jun 2024 15:24

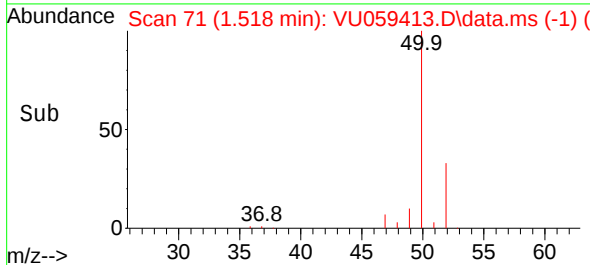
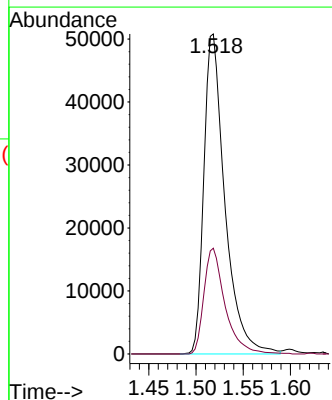
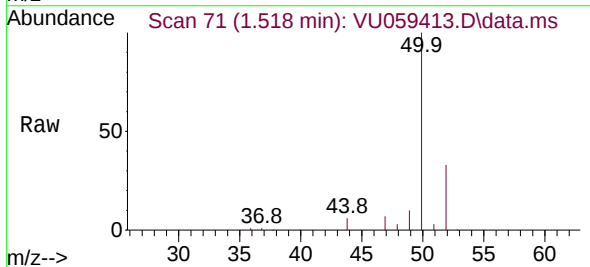
Instrument :
 MSVOA_U
 ClientSampleId :

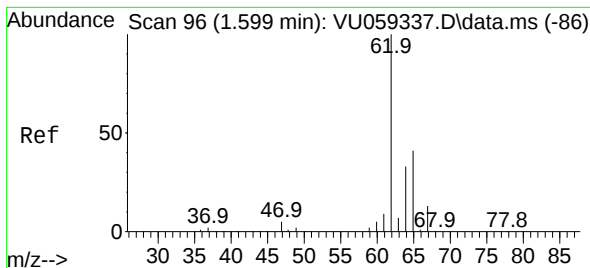
Tgt Ion: 85 Resp: 69760
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 4.905 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU059413.D
 Acq: 21 Jun 2024 15:24

Tgt Ion: 50 Resp: 78598
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.0





#5

Vinyl chloride

Concen: 4.858 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

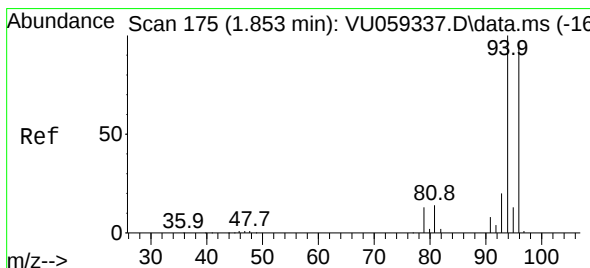
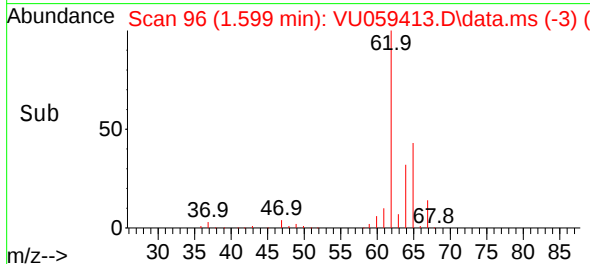
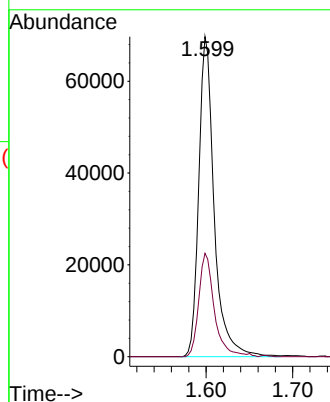
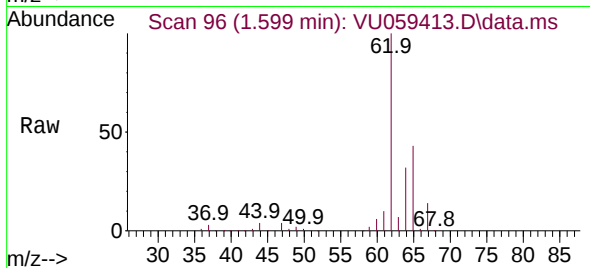
ClientSampleId :

Tgt Ion: 62 Resp: 85996

Ion Ratio Lower Upper

62 100

64 32.3 23.1 42.9



#6

Bromomethane

Concen: 4.456 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU059413.D

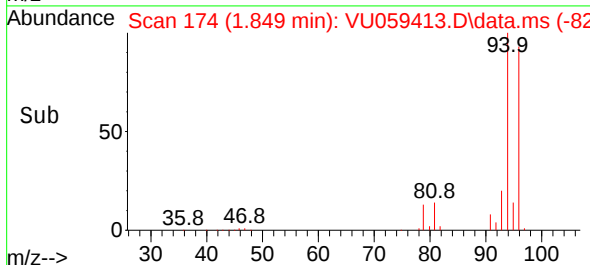
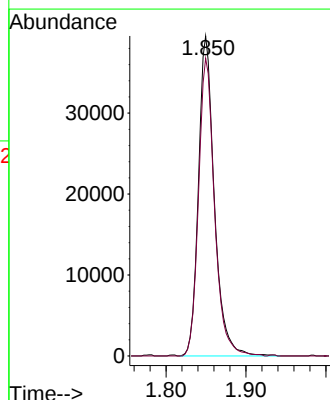
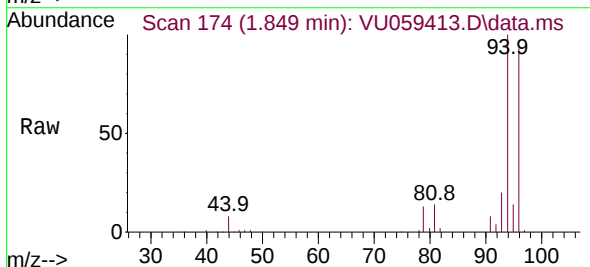
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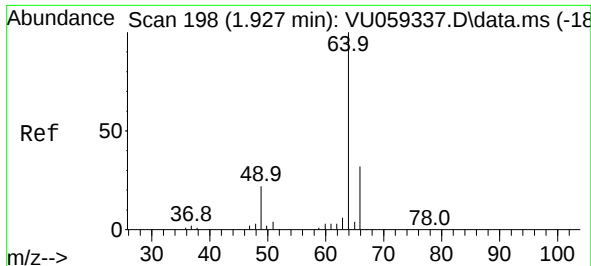
Tgt Ion: 94 Resp: 54845

Ion Ratio Lower Upper

94 100

96 93.0 62.9 116.9

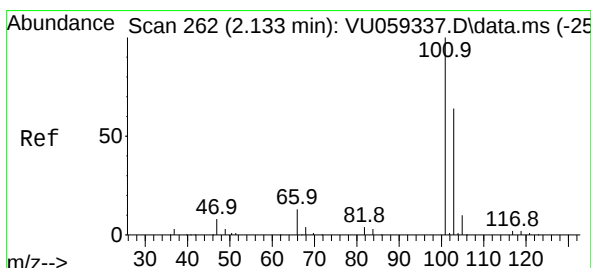
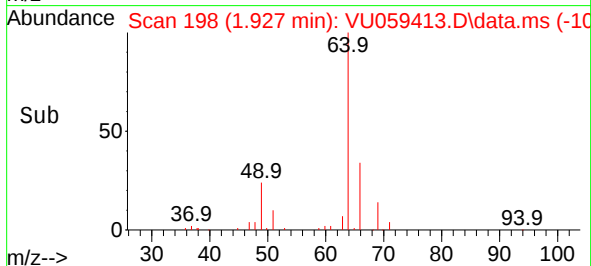
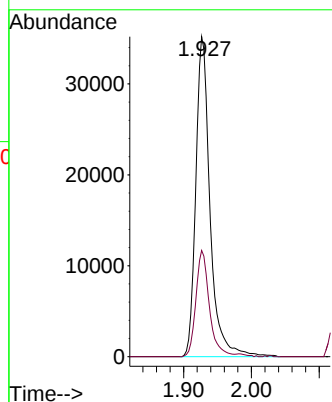
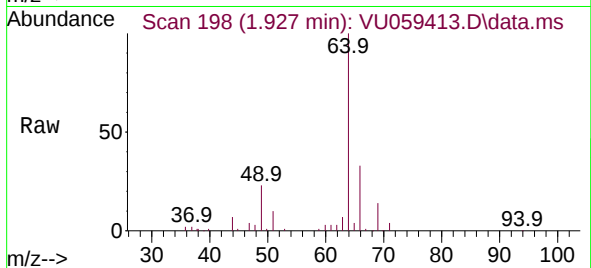




#8
Chloroethane
Concen: 4.821 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

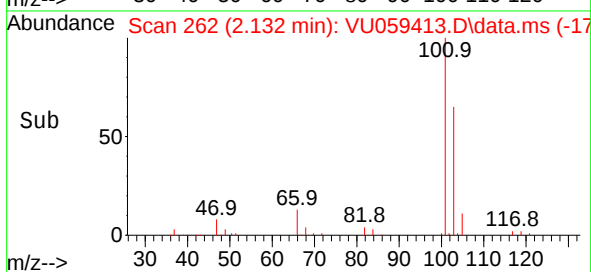
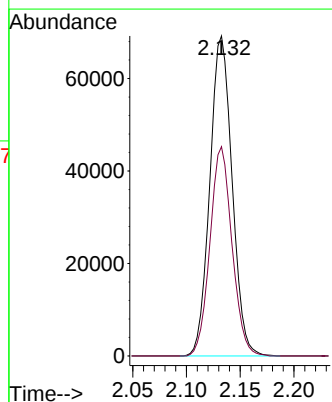
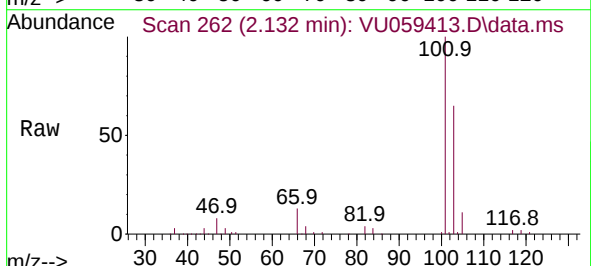
Instrument :
MSVOA_U
ClientSampleId :

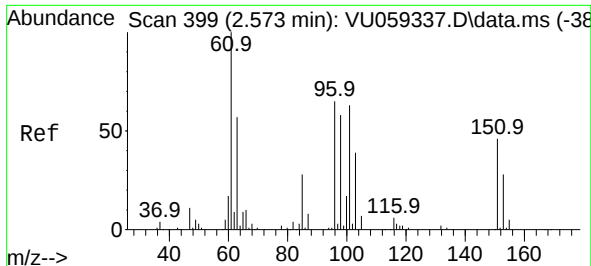
Tgt Ion: 64 Resp: 51422
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.671 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion:101 Resp: 99545
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

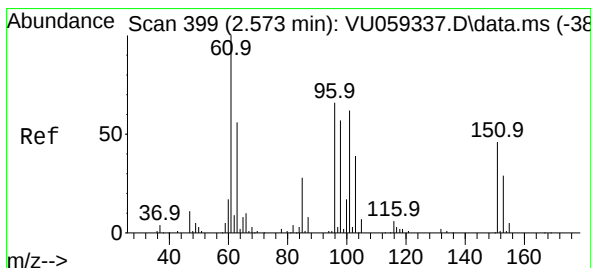
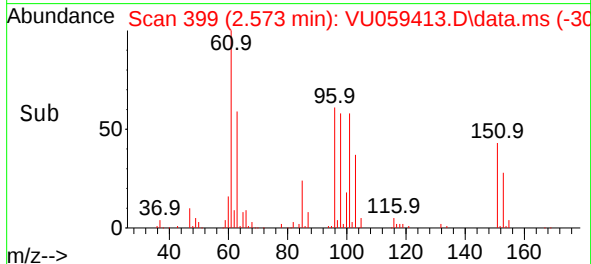
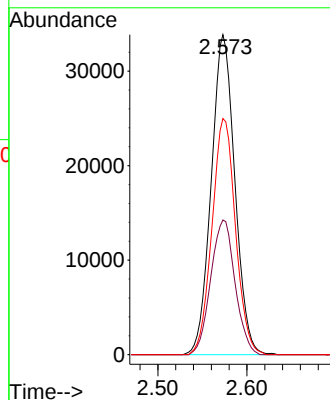
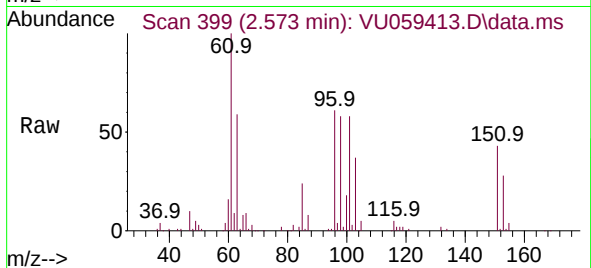




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.625 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

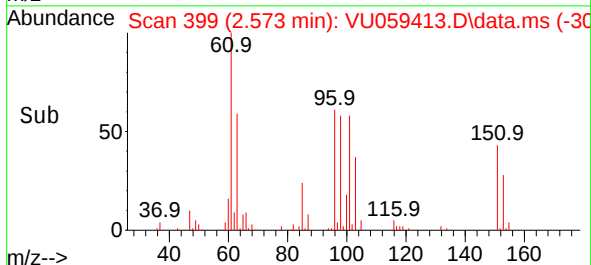
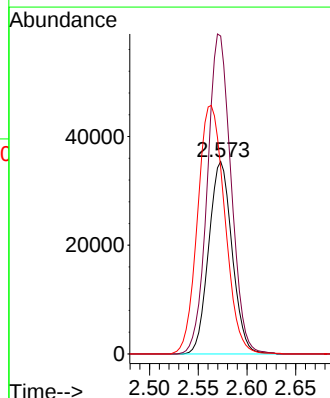
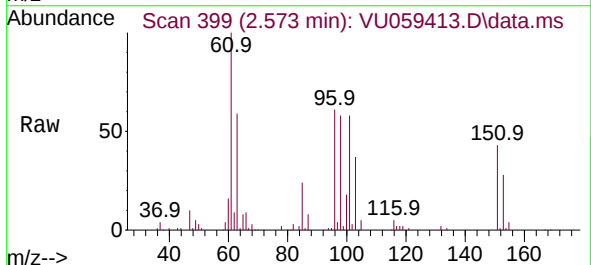
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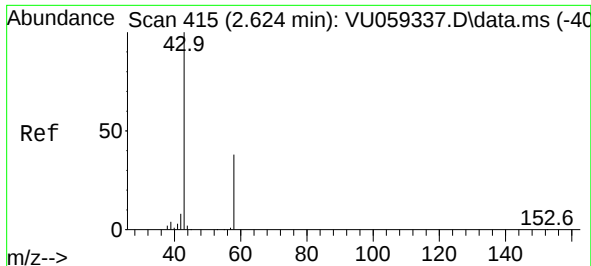
Tgt Ion:101 Resp: 62391
Ion Ratio Lower Upper
101 100
85 43.4 36.2 54.4
151 73.4 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.742 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion: 96 Resp: 59102
Ion Ratio Lower Upper
96 100
61 165.2 122.9 228.3
63 96.7 80.4 149.4





#13

Acetone

Concen: 50.121 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.019 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

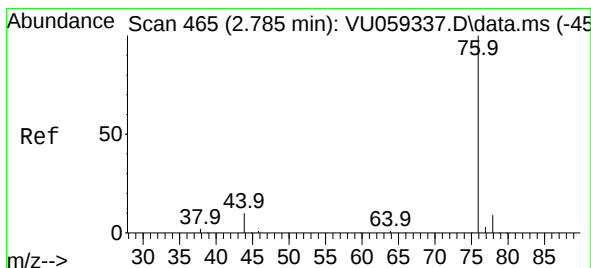
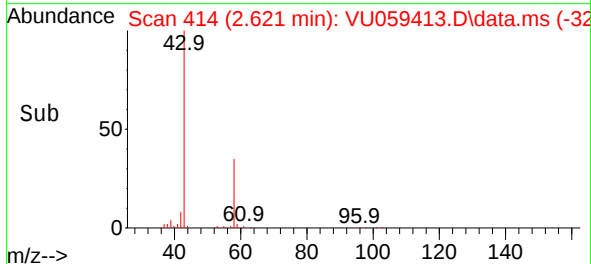
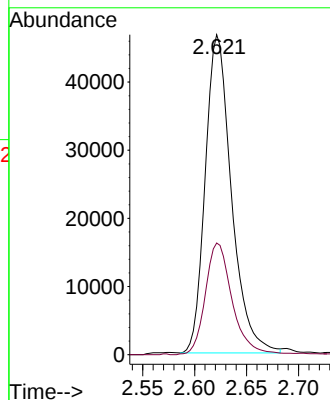
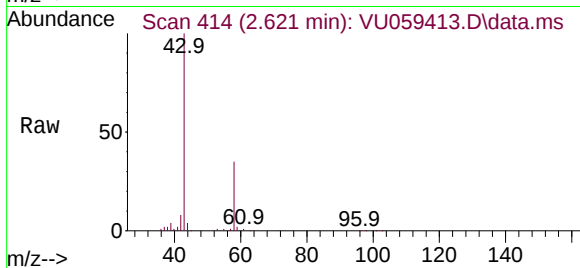
ClientSampleId :

Tgt Ion: 43 Resp: 81830

Ion Ratio Lower Upper

43 100

58 36.0 0.0 68.0



#14

Carbon disulfide

Concen: 4.567 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059413.D

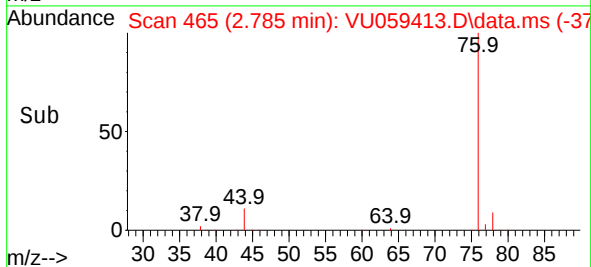
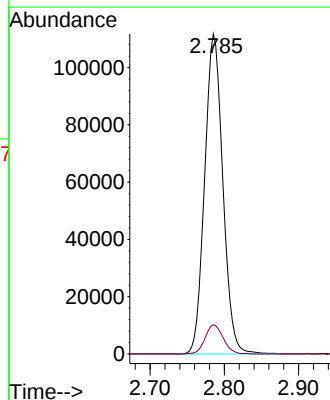
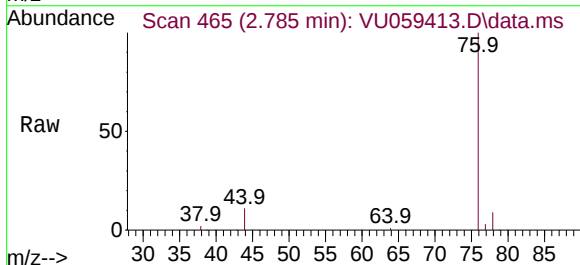
Acq: 21 Jun 2024 15:24

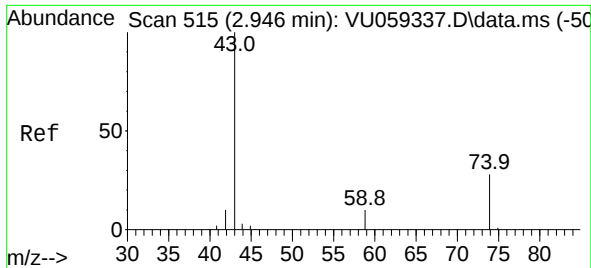
Tgt Ion: 76 Resp: 189890

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

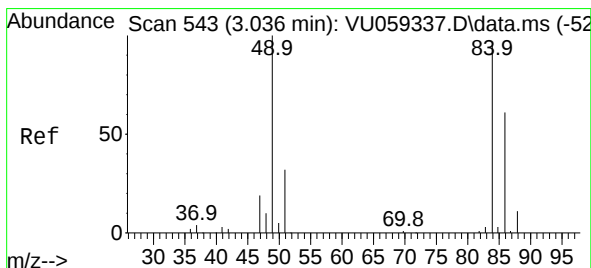
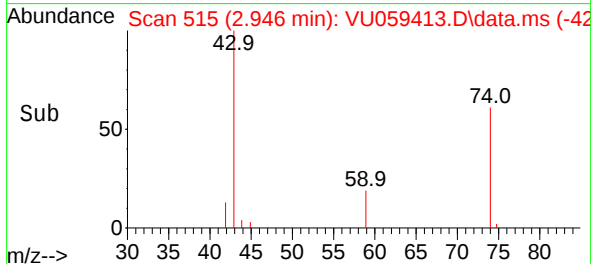
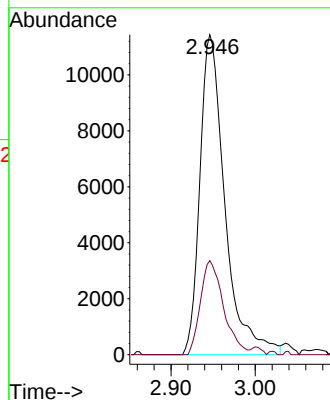
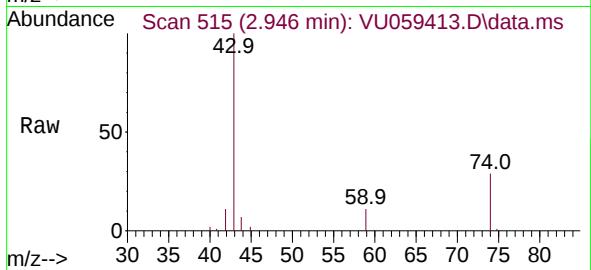




#15
Methyl Acetate
Concen: 5.474 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

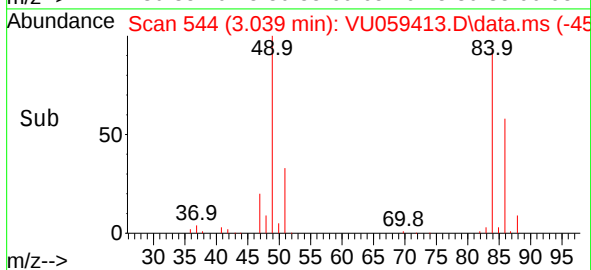
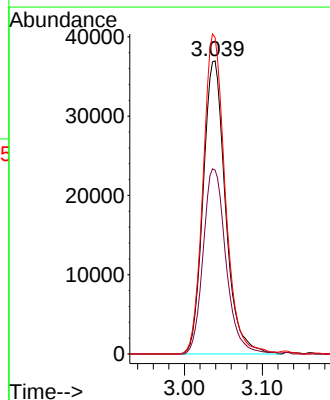
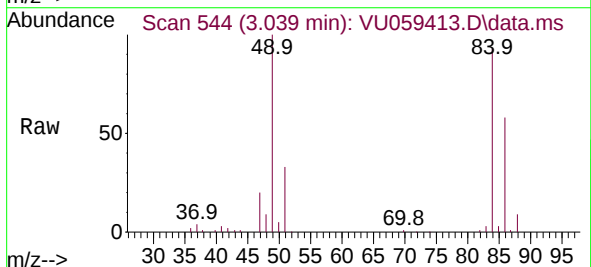
Instrument :
MSVOA_U
ClientSampleId :

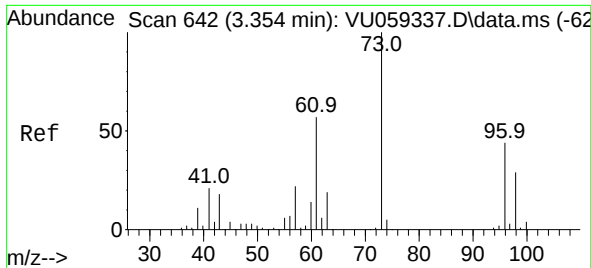
Tgt Ion: 43 Resp: 23583
Ion Ratio Lower Upper
43 100
74 27.1 19.2 28.8



#16
Methylene chloride
Concen: 4.970 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion: 84 Resp: 73396
Ion Ratio Lower Upper
84 100
86 62.7 42.1 78.1
49 108.0 80.6 149.8

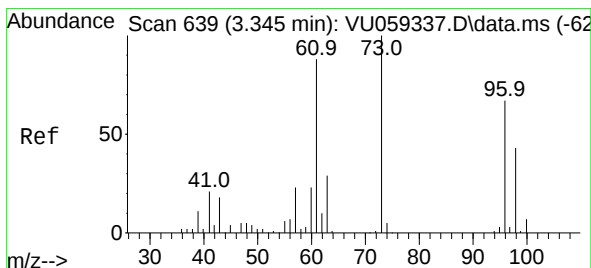
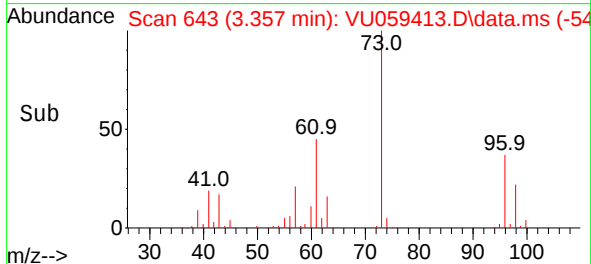
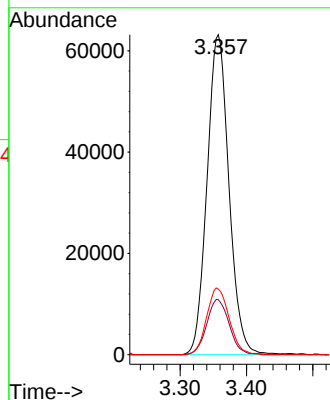
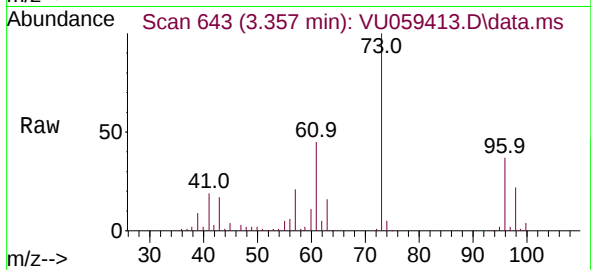




#17
Methyl tert-butyl Ether
Concen: 5.396 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

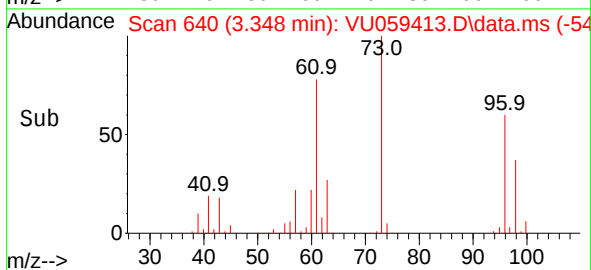
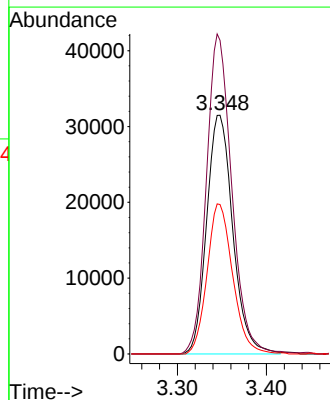
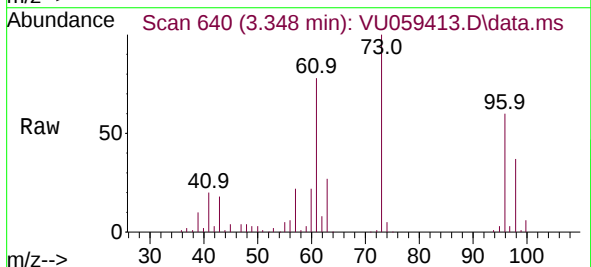
Instrument :
MSVOA_U
ClientSampleId :

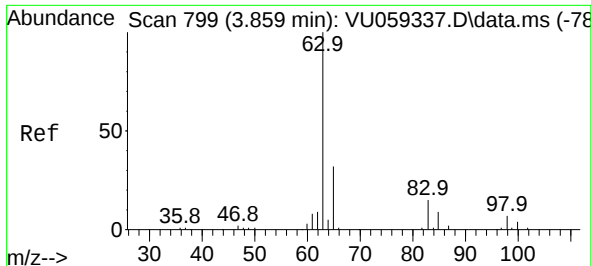
Tgt Ion: 73 Resp: 144912
Ion Ratio Lower Upper
73 100
43 17.8 14.9 22.3
57 21.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.955 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

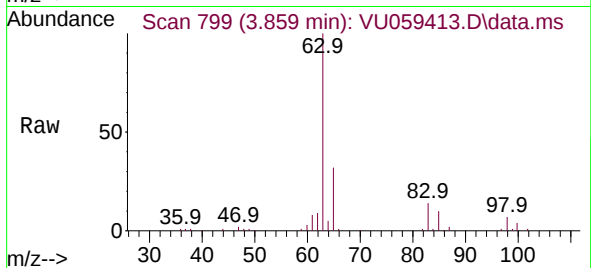
Tgt Ion: 96 Resp: 64216
Ion Ratio Lower Upper
96 100
61 131.4 101.8 189.0
98 62.6 43.3 80.5



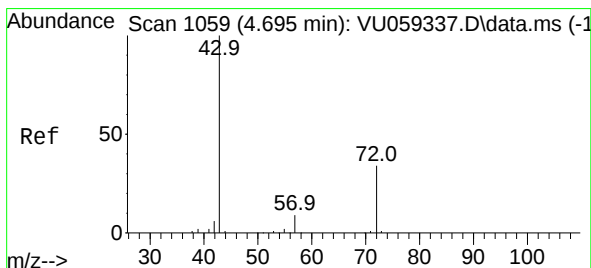
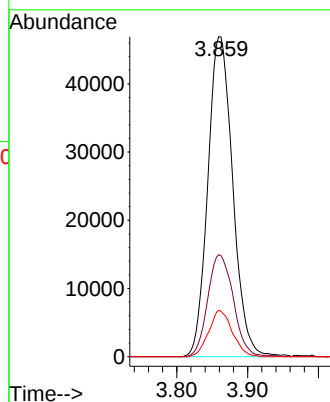
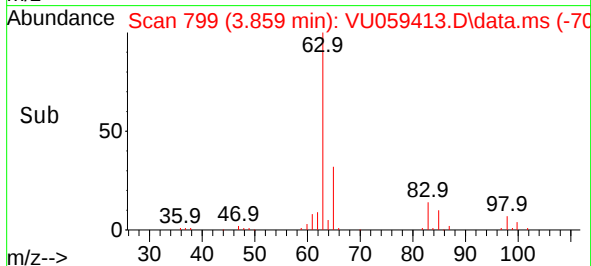


#19
1,1-Dichloroethane
Concen: 4.791 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Instrument :
MSVOA_U
ClientSampleId :

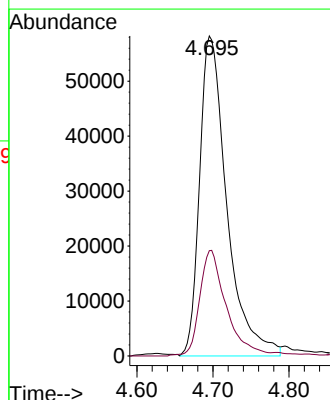
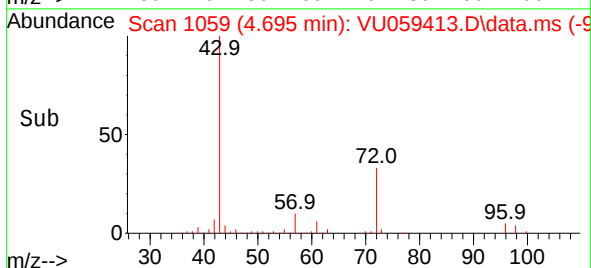
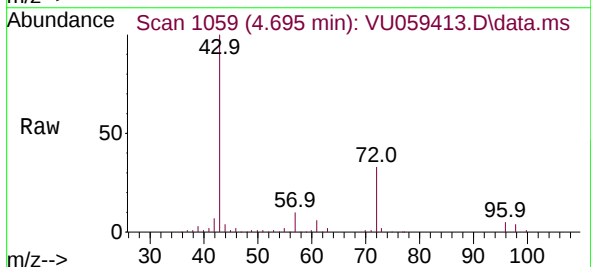


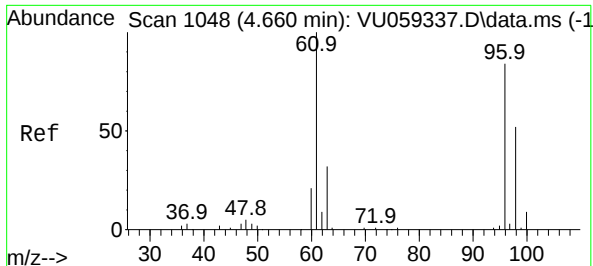
Tgt Ion: 63 Resp: 114504
Ion Ratio Lower Upper
63 100
65 31.9 21.8 40.6
83 14.5 9.9 18.5



#21
2-Butanone
Concen: 55.384 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.010 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

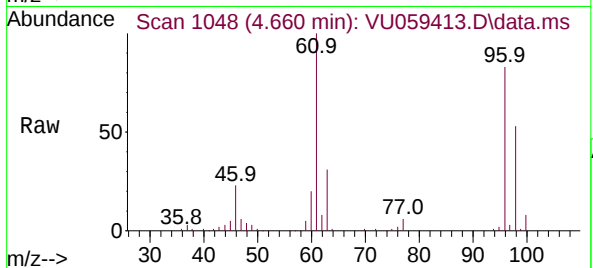
Tgt Ion: 43 Resp: 145033
Ion Ratio Lower Upper
43 100
72 32.0 13.8 41.4



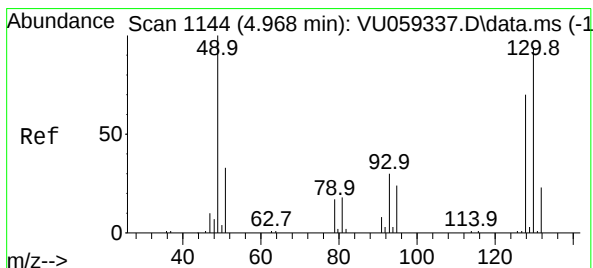
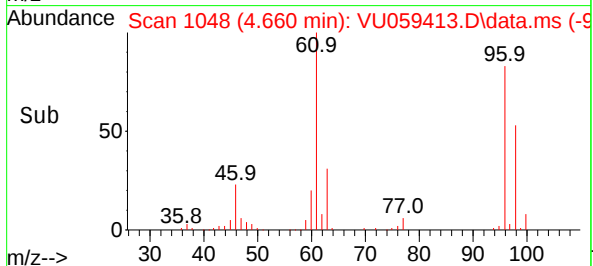
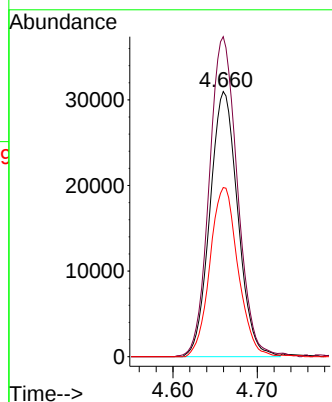


#22
cis-1,2-Dichloroethene
Concen: 4.993 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Instrument :
MSVOA_U
ClientSampleId :

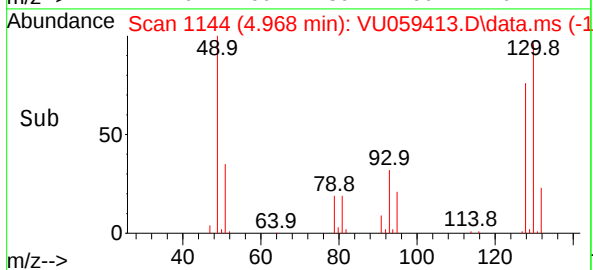
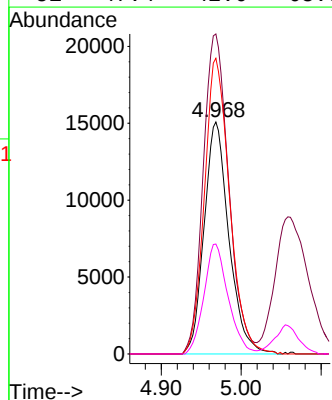
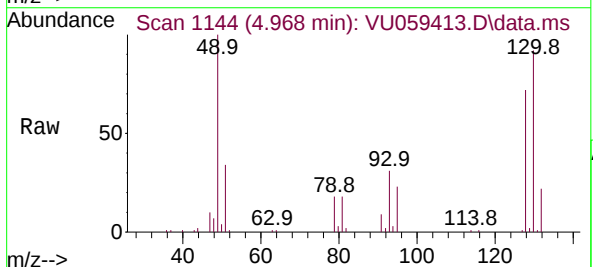


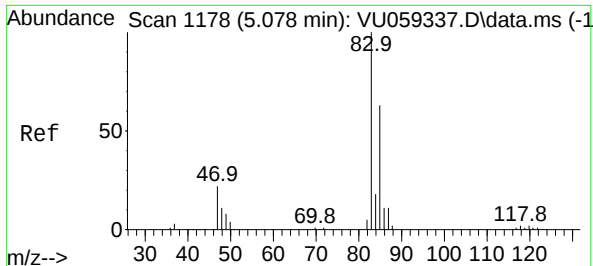
Tgt Ion: 96 Resp: 71330
Ion Ratio Lower Upper
96 100
61 120.7 87.4 162.2
98 63.8 42.3 78.5



#23
Bromochloromethane
Concen: 4.998 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion: 128 Resp: 32549
Ion Ratio Lower Upper
128 100
49 138.0 117.0 217.4
130 127.5 89.6 166.4
51 47.4 42.0 63.0





#25

Chloroform

Concen: 4.808 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

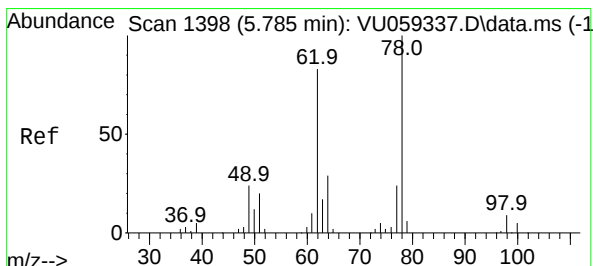
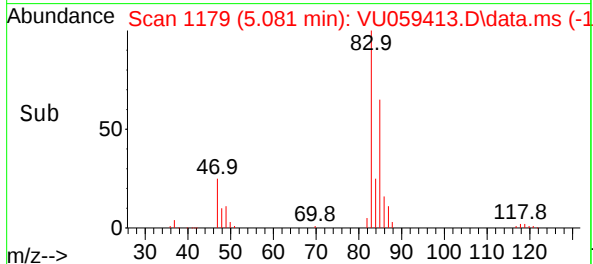
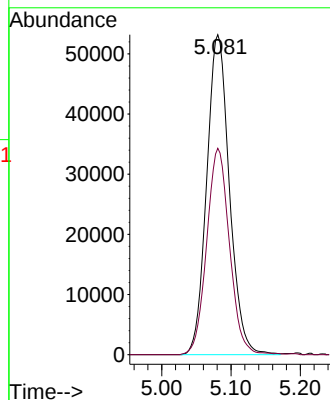
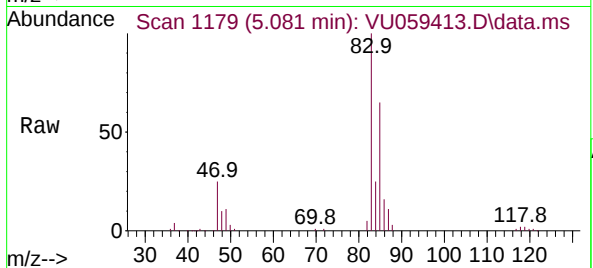
ClientSampleId :

Tgt Ion: 83 Resp: 121023

Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.118 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU059413.D

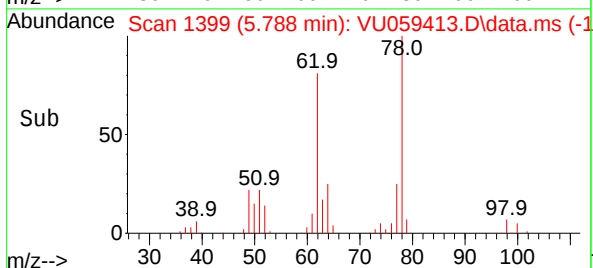
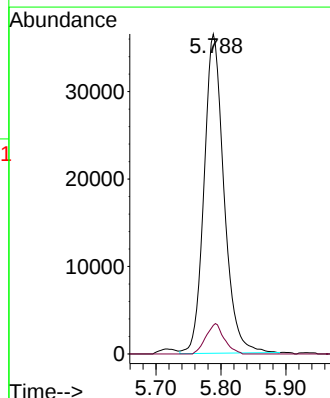
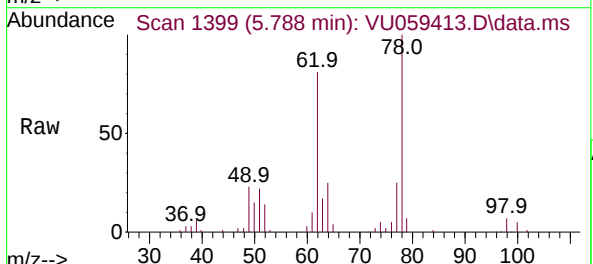
Acq: 21 Jun 2024 15:24

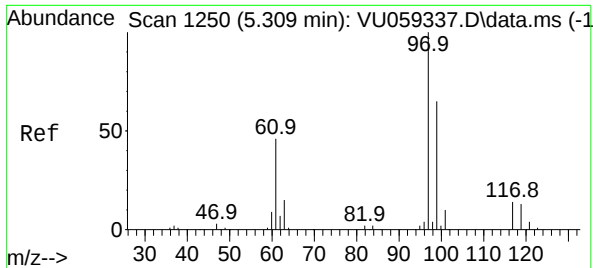
Tgt Ion: 62 Resp: 78078

Ion Ratio Lower Upper

62 100

98 9.0 7.5 11.3

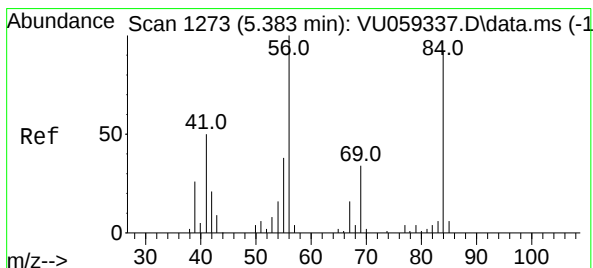
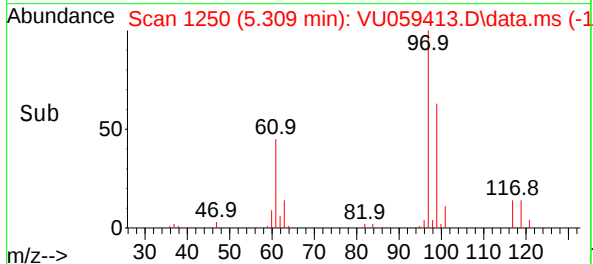
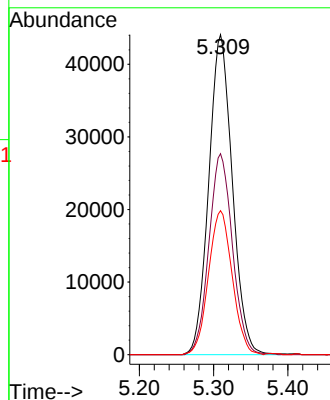
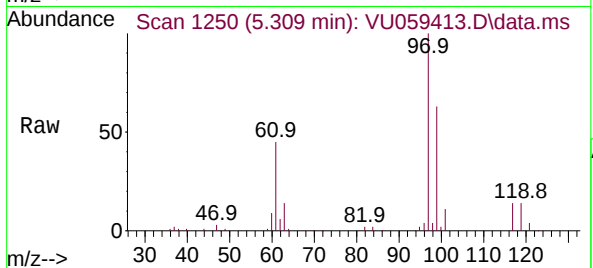




#29
1,1,1-Trichloroethane
Concen: 4.922 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

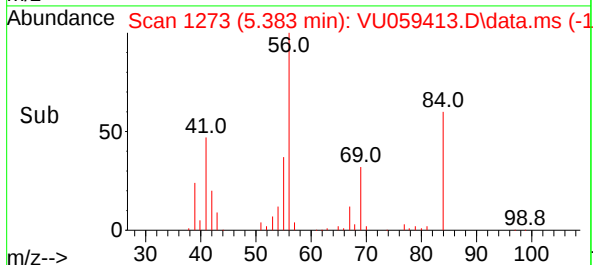
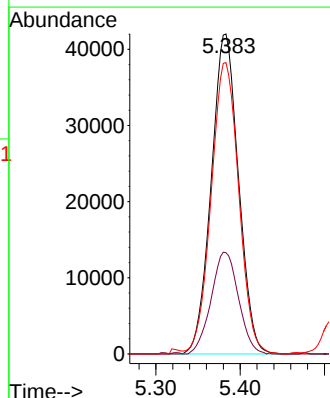
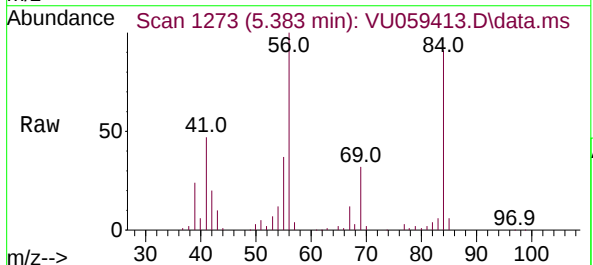
Instrument :
MSVOA_U
ClientSampleId :

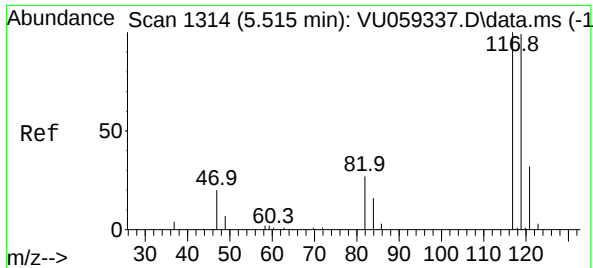
Tgt Ion: 97	Resp: 97161
Ion Ratio	Lower Upper
97 100	
99 62.8	51.8 77.6
61 45.3	37.4 56.2



#30
Cyclohexane
Concen: 5.406 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion: 56	Resp: 94213
Ion Ratio	Lower Upper
56 100	
69 32.0	24.8 37.2
84 92.3	69.8 104.8

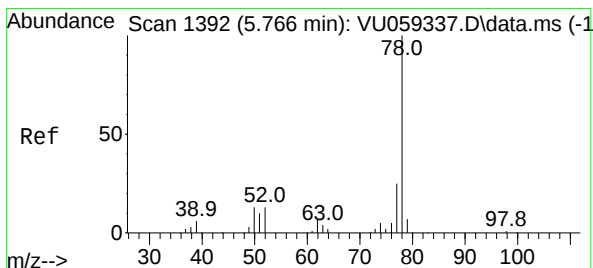
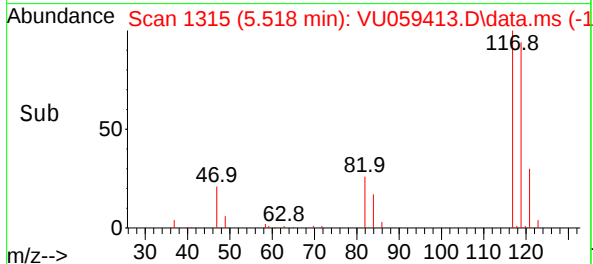
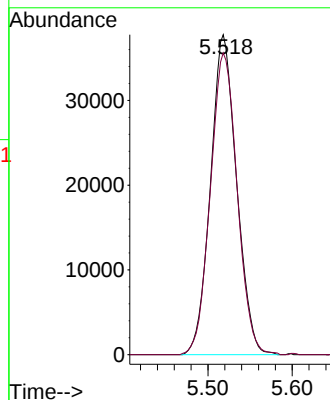
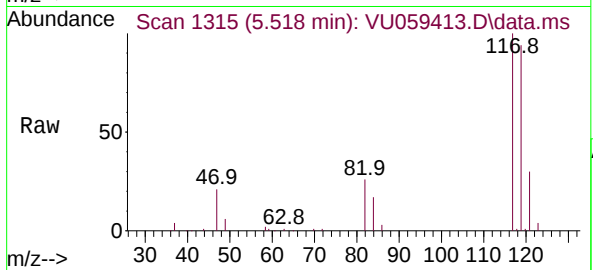




#31
Carbon tetrachloride
Concen: 4.914 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

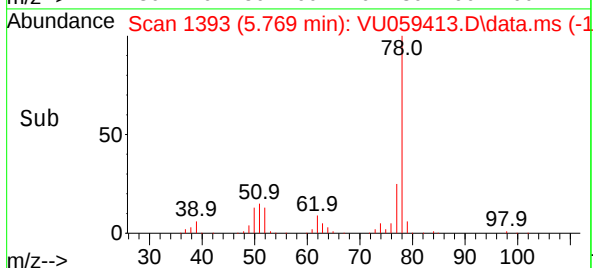
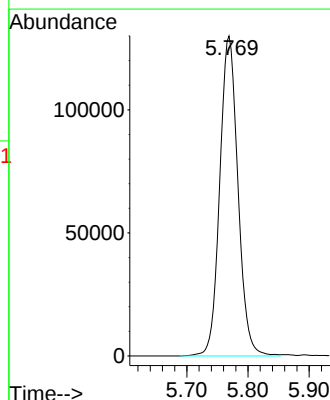
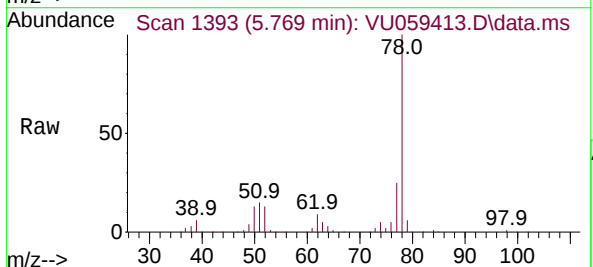
Instrument :
MSVOA_U
ClientSampleId :

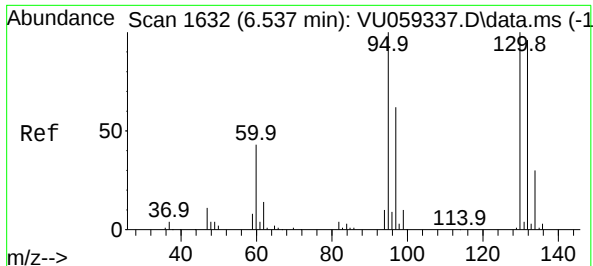
Tgt Ion:117 Resp: 81211
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 5.175 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion: 78 Resp: 268613

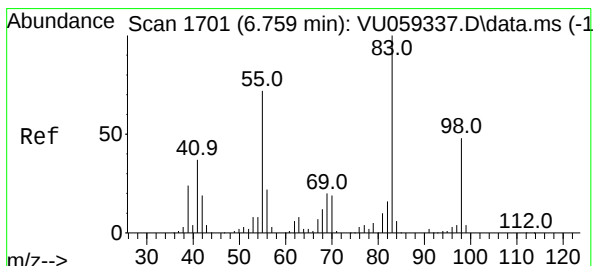
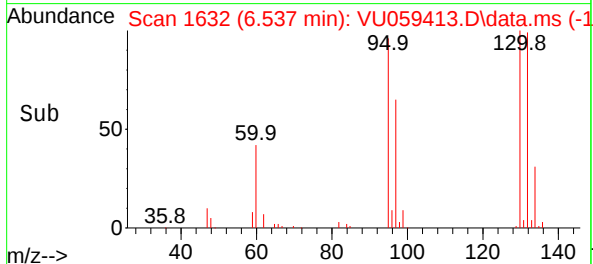
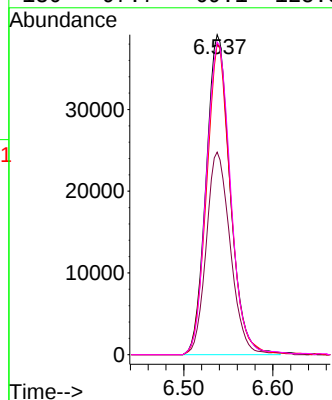
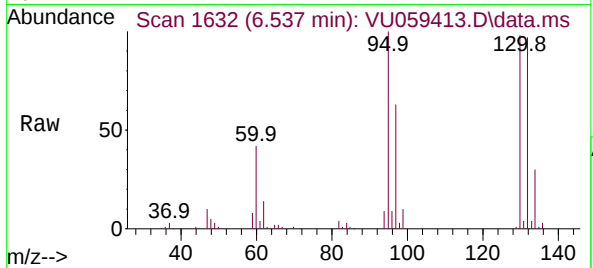




#34
Trichloroethene
Concen: 5.225 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

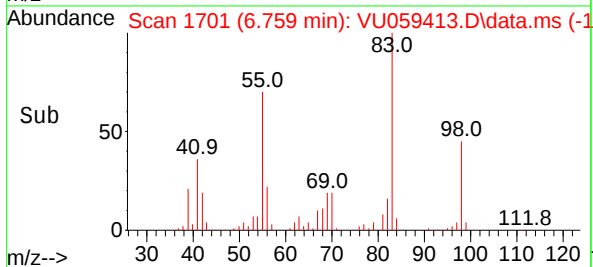
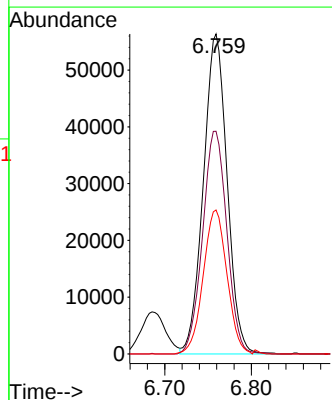
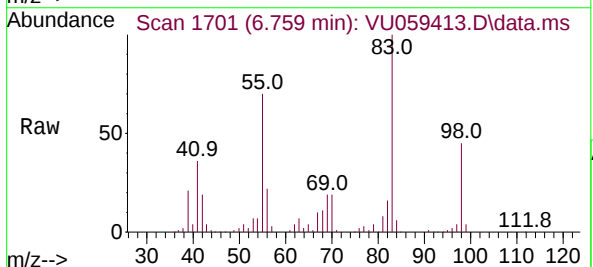
Instrument :
MSVOA_U
ClientSampleId :

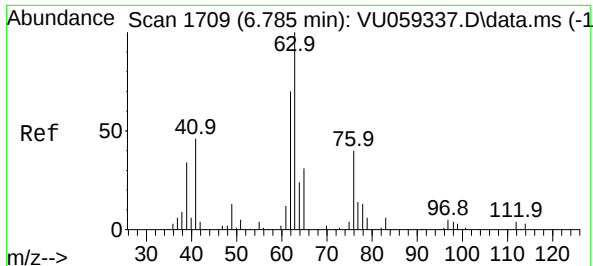
Tgt Ion: 95 Resp: 73442
Ion Ratio Lower Upper
95 100
97 63.3 45.3 84.1
132 97.1 64.0 119.0
130 97.7 69.1 128.3



#35
Methylcyclohexane
Concen: 5.366 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion: 83 Resp: 107338
Ion Ratio Lower Upper
83 100
55 71.1 62.7 94.1
98 45.0 35.4 53.0

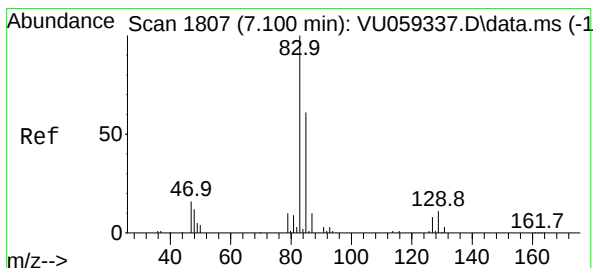
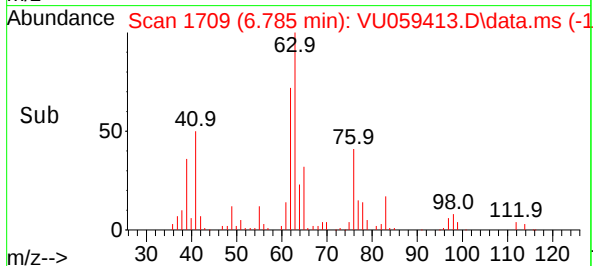
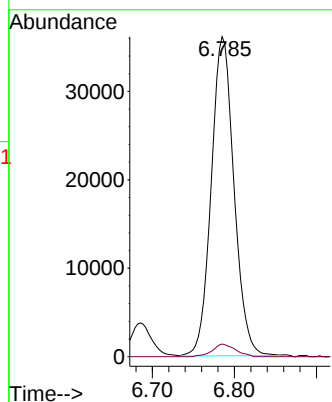
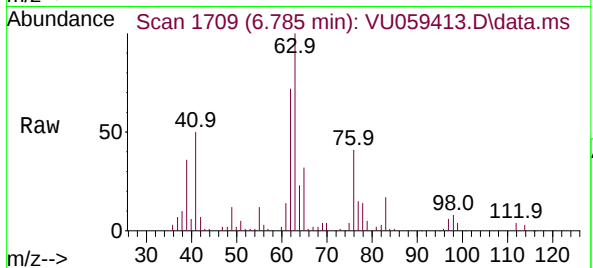




#37
1,2-Dichloropropane
Concen: 5.192 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

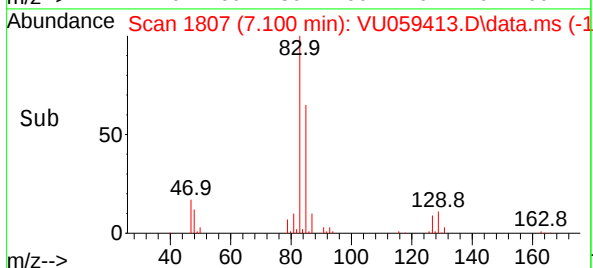
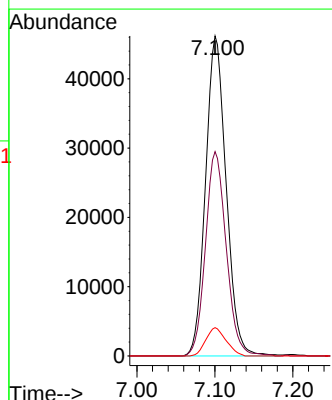
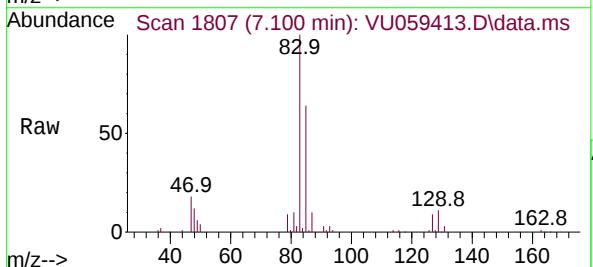
Instrument :
MSVOA_U
ClientSampleId :

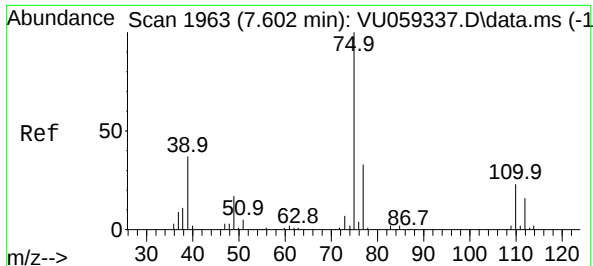
Tgt Ion: 63 Resp: 69740
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.059 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion: 83 Resp: 84830
Ion Ratio Lower Upper
83 100
85 63.8 42.7 79.3
127 8.9 6.1 9.1

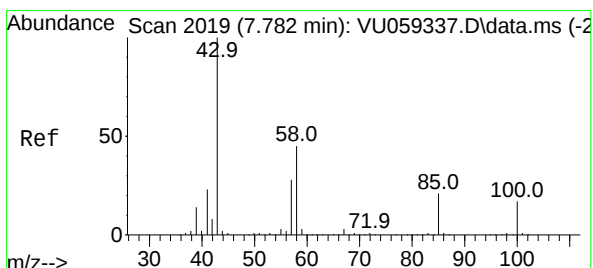
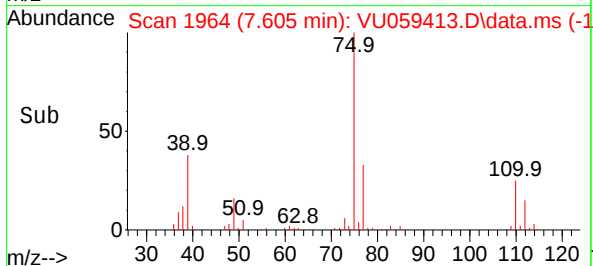
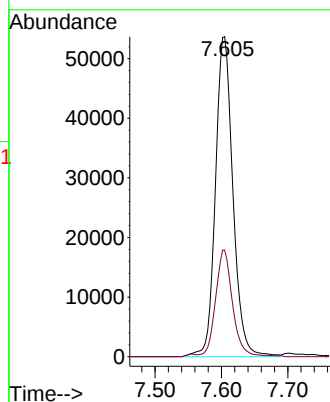
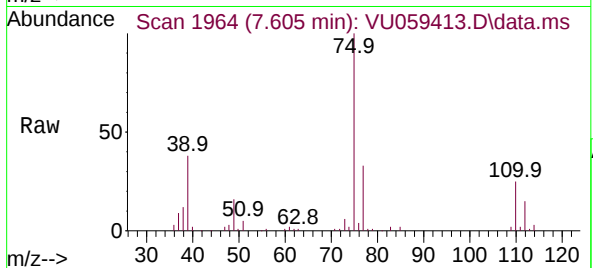




#39
 cis-1,3-Dichloropropene
 Concen: 5.363 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU059413.D
 Acq: 21 Jun 2024 15:24

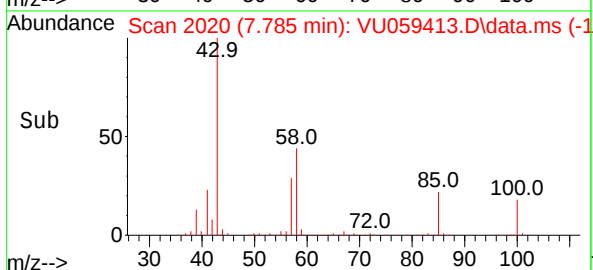
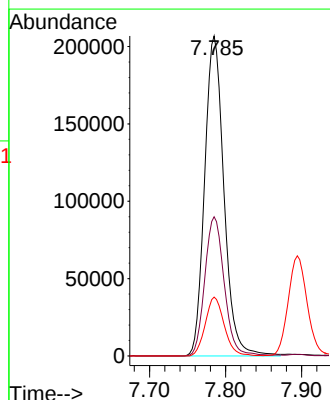
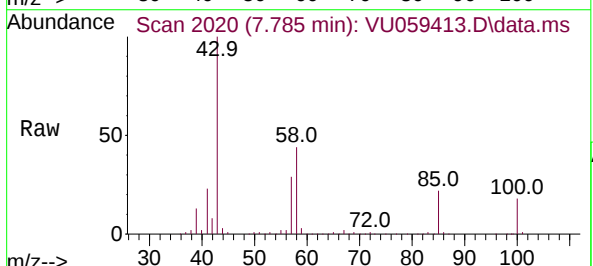
Instrument :
 MSVOA_U
 ClientSampleId :

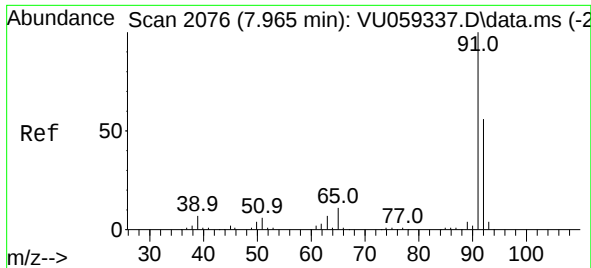
Tgt Ion: 75 Resp: 98511
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 58.638 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU059413.D
 Acq: 21 Jun 2024 15:24

Tgt Ion: 43 Resp: 364973
 Ion Ratio Lower Upper
 43 100
 58 43.8 34.0 51.0
 100 18.1 12.1 18.1





#42

Toluene

Concen: 5.338 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

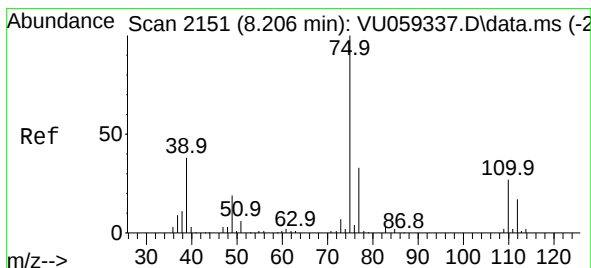
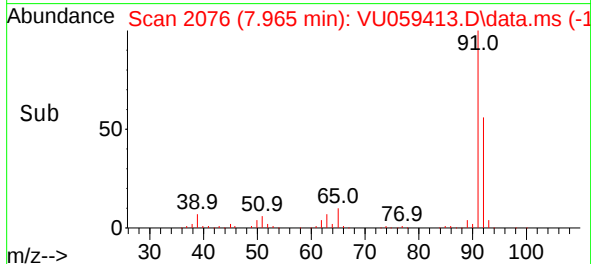
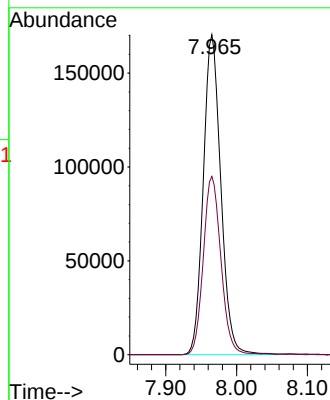
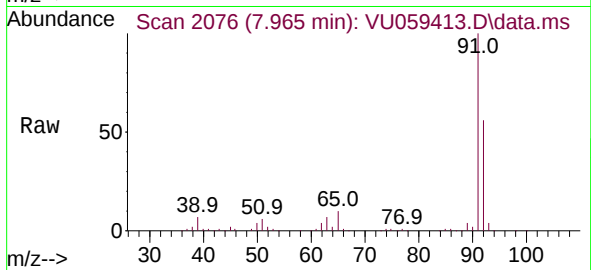
ClientSampleId :

Tgt Ion: 91 Resp: 293345

Ion Ratio Lower Upper

91 100

92 55.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.598 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059413.D

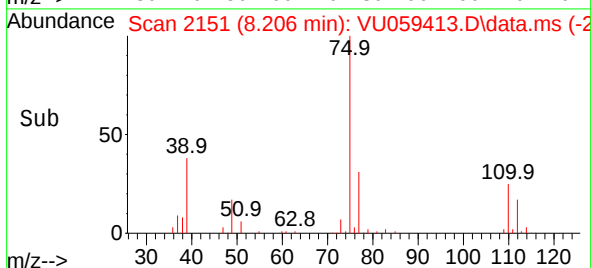
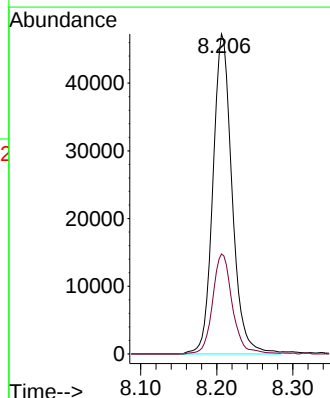
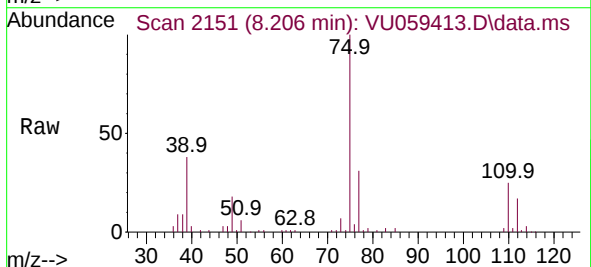
Acq: 21 Jun 2024 15:24

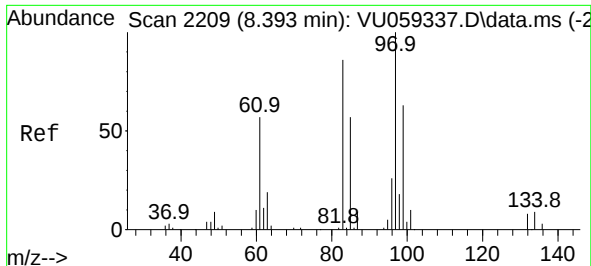
Tgt Ion: 75 Resp: 82541

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.391 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 53364

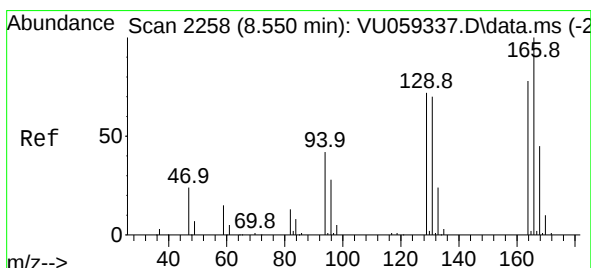
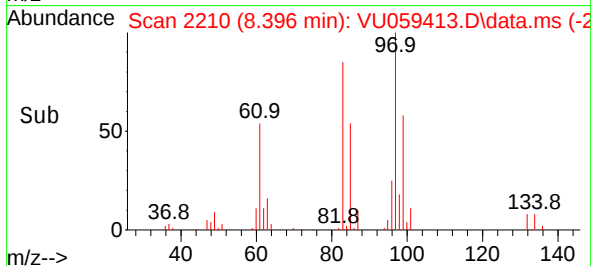
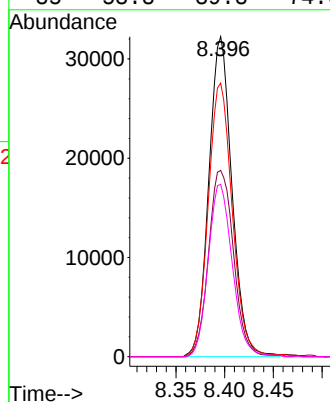
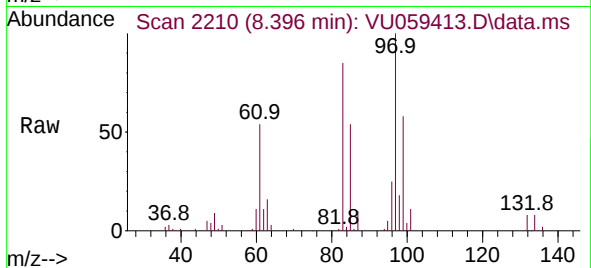
Ion Ratio Lower Upper

97 100

99 58.2 43.3 80.3

83 85.5 62.3 115.7

85 53.8 39.8 74.0



#47

Tetrachloroethene

Concen: 5.206 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Tgt Ion:164 Resp: 56790

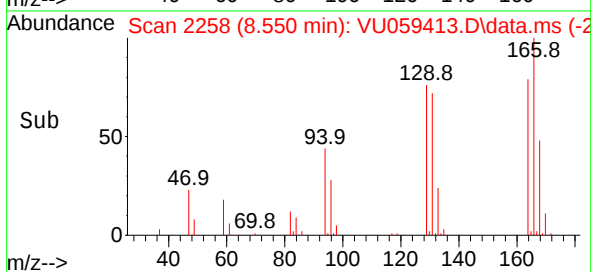
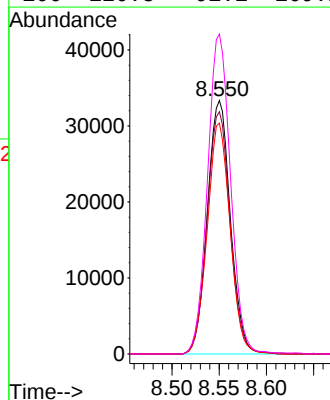
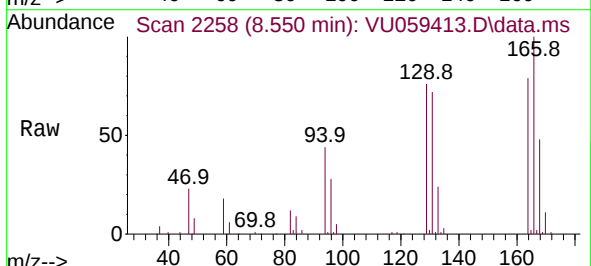
Ion Ratio Lower Upper

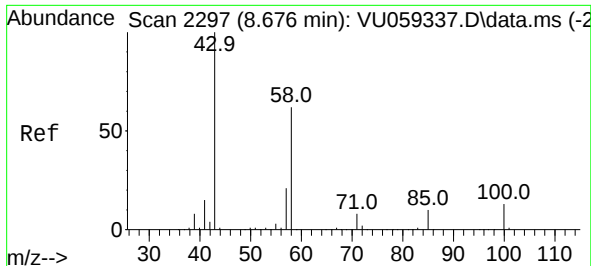
164 100

129 95.6 70.8 131.4

131 91.1 64.8 120.3

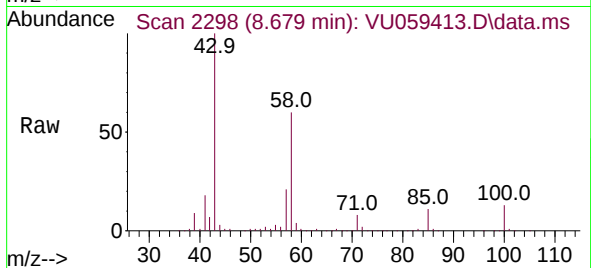
166 126.3 91.1 169.1



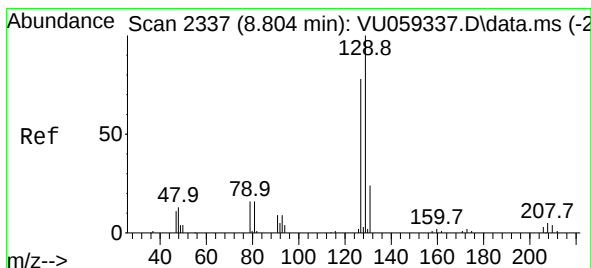
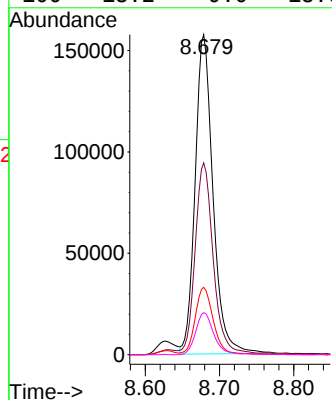
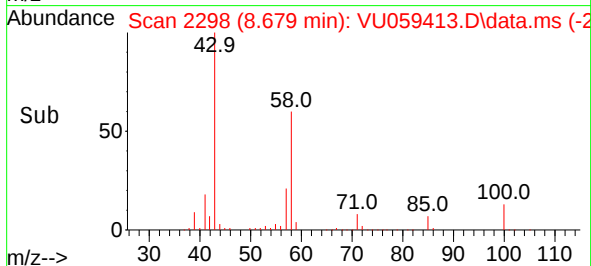


#48
2-Hexanone
Concen: 59.652 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Instrument :
MSVOA_U
ClientSampleId :

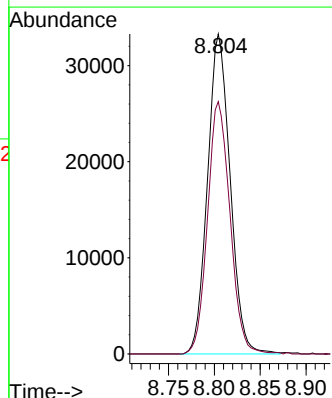
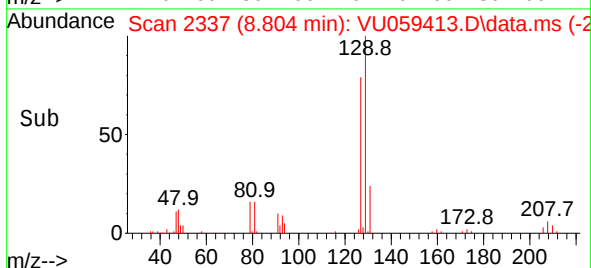
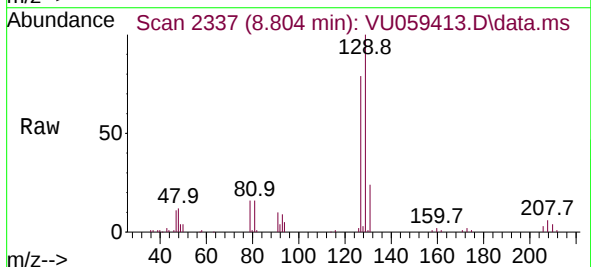


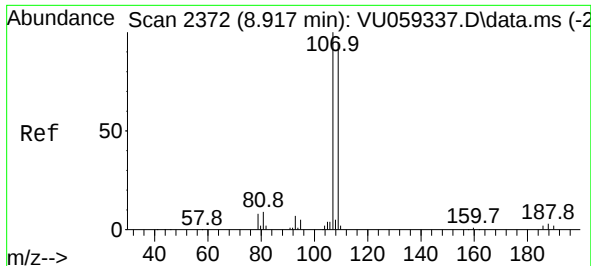
Tgt Ion: 43 Resp: 264980
Ion Ratio Lower Upper
43 100
58 59.8 46.1 69.1
57 20.9 15.5 23.3
100 13.2 9.0 13.6



#49
Dibromochloromethane
Concen: 5.223 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion: 129 Resp: 57269
Ion Ratio Lower Upper
129 100
127 78.9 52.5 97.5

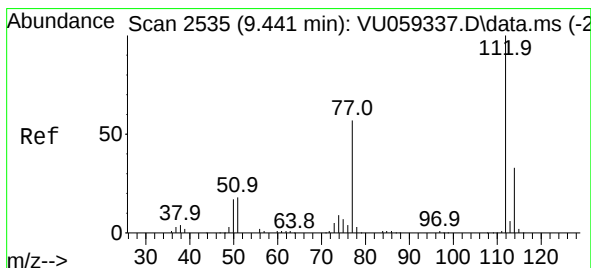
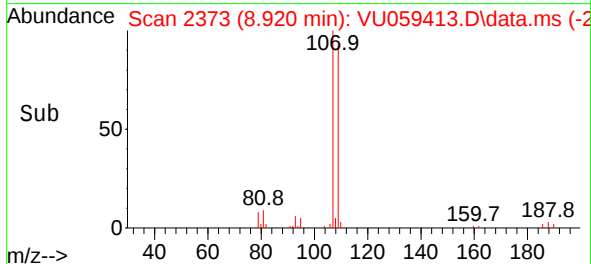
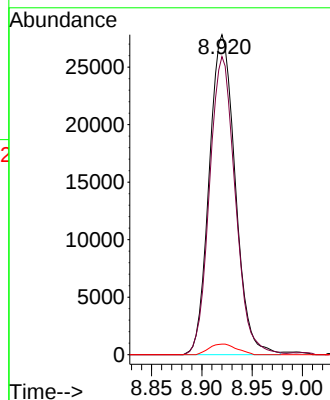
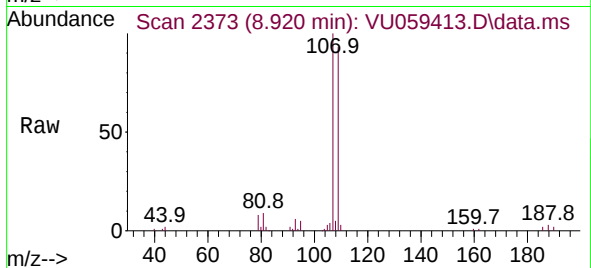




#50
1,2-Dibromoethane
Concen: 5.479 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

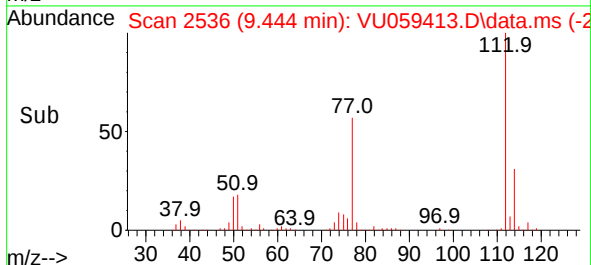
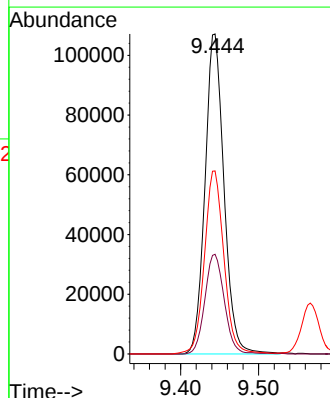
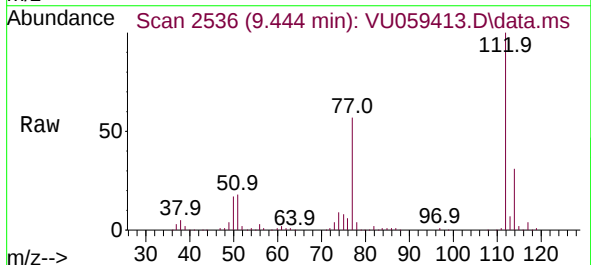
Instrument :
MSVOA_U
ClientSampleId :

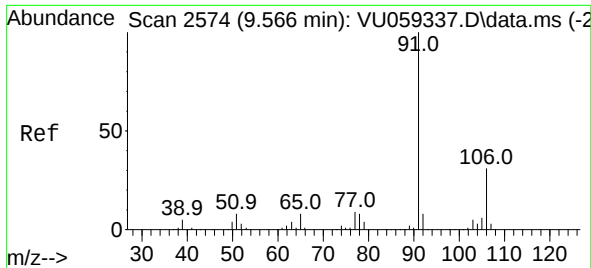
Tgt Ion:107 Resp: 50081
Ion Ratio Lower Upper
107 100
109 93.1 66.9 124.3
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 5.211 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion:112 Resp: 181616
Ion Ratio Lower Upper
112 100
114 31.2 22.4 41.6
77 57.2 49.1 73.7

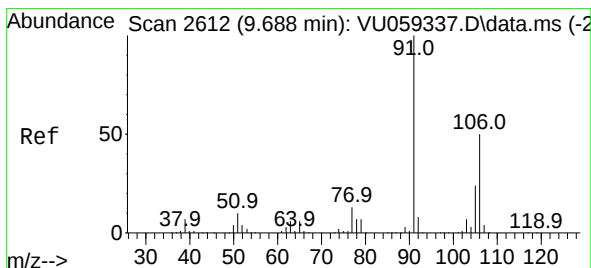
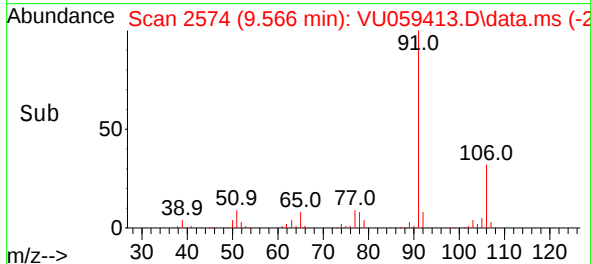
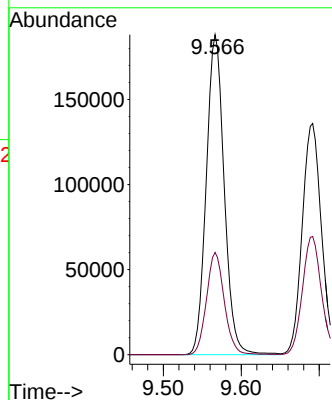
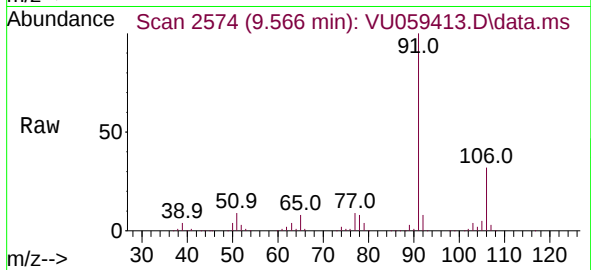




#52
Ethylbenzene
Concen: 5.347 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

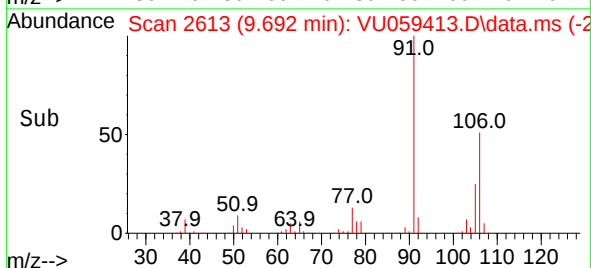
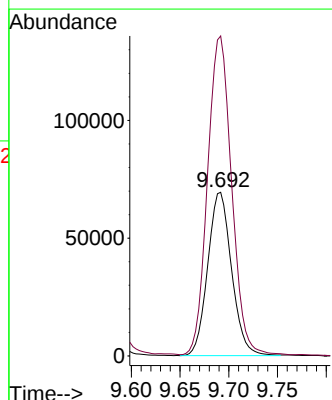
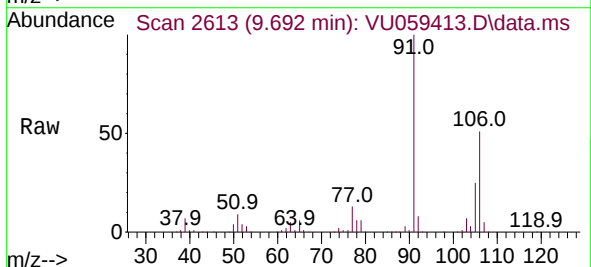
Instrument :
MSVOA_U
ClientSampleId :

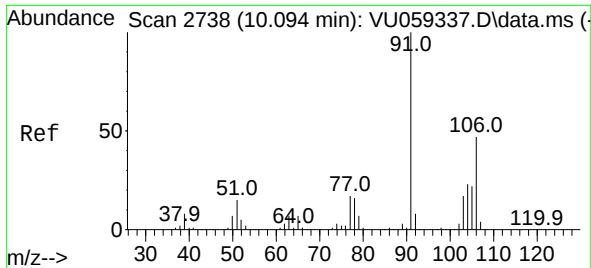
Tgt Ion: 91 Resp: 301446
Ion Ratio Lower Upper
91 100
106 31.9 20.9 38.7



#53
m,p-Xylene
Concen: 5.447 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion:106 Resp: 117920
Ion Ratio Lower Upper
106 100
91 195.6 142.0 263.8

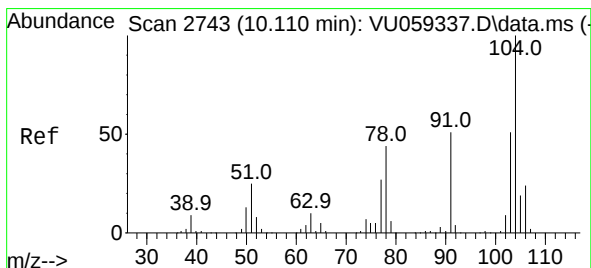
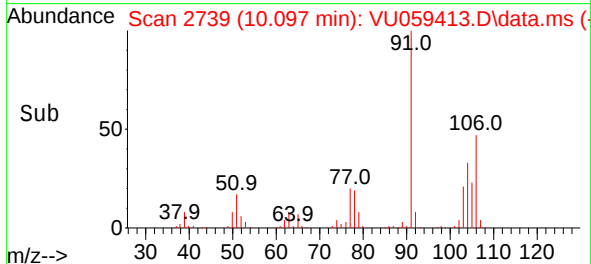
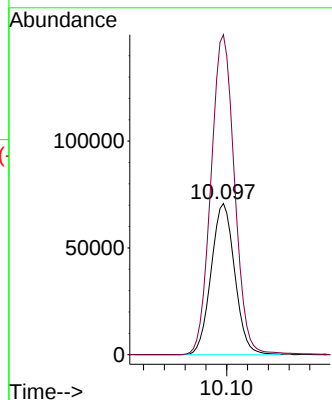
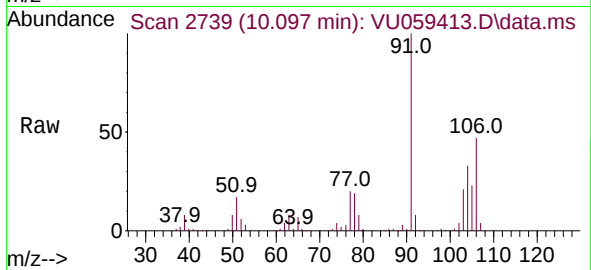




#54
o-Xylene
Concen: 5.444 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

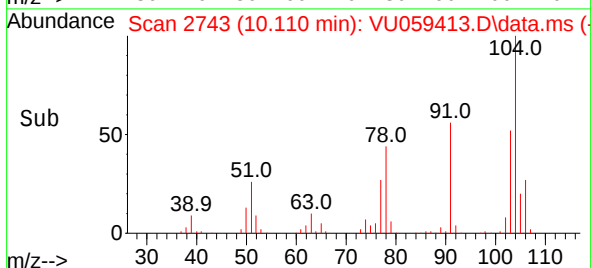
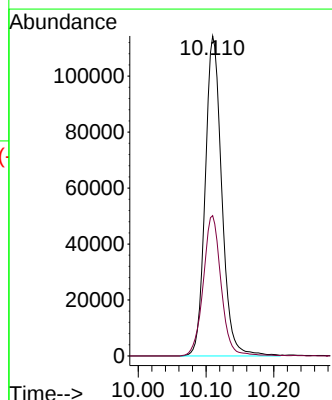
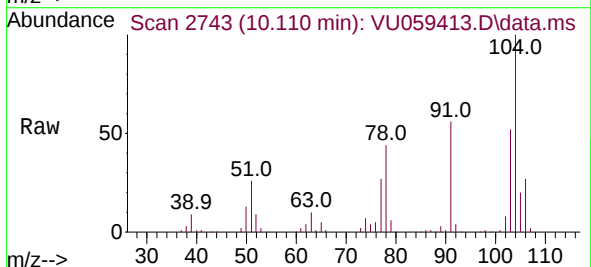
Instrument :
MSVOA_U
ClientSampleId :

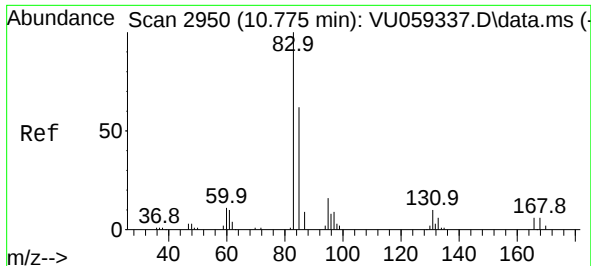
Tgt Ion:106 Resp: 111861
Ion Ratio Lower Upper
106 100
91 211.7 151.6 281.6



#55
Styrene
Concen: 5.552 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059413.D
Acq: 21 Jun 2024 15:24

Tgt Ion:104 Resp: 194213
Ion Ratio Lower Upper
104 100
78 43.9 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.360 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

ClientSampleId :

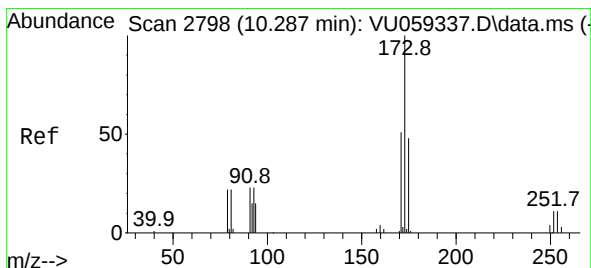
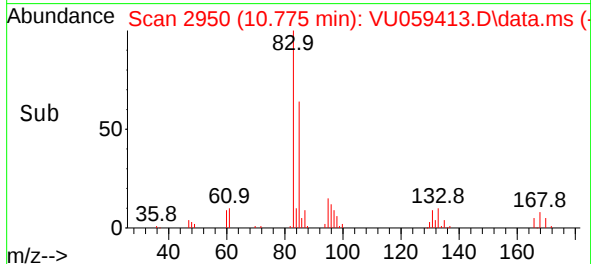
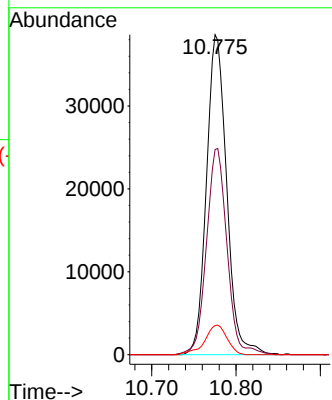
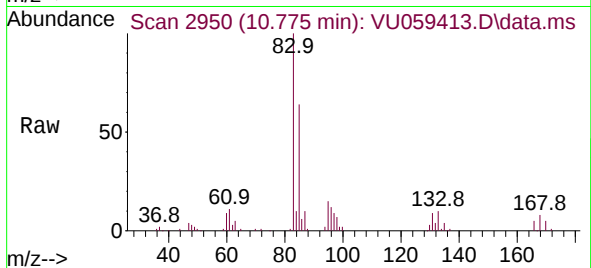
Tgt Ion: 83 Resp: 64363

Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

131 9.1 6.9 10.3



#59

Bromoform

Concen: 4.986 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

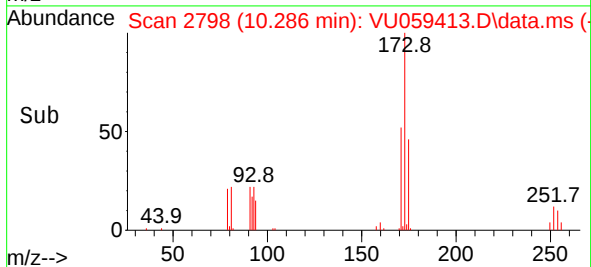
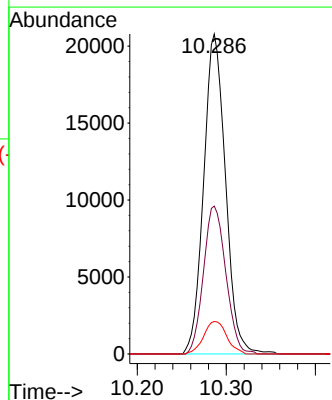
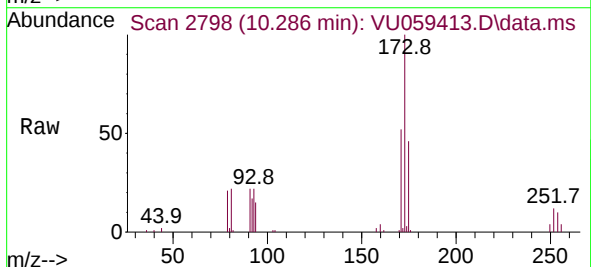
Tgt Ion:173 Resp: 35383

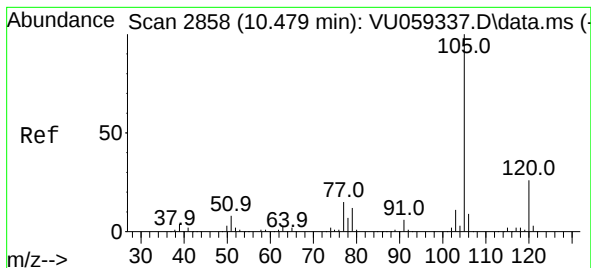
Ion Ratio Lower Upper

173 100

175 47.2 39.4 59.2

254 10.8 7.4 11.2





#60

Isopropylbenzene

Concen: 5.199 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059413.D

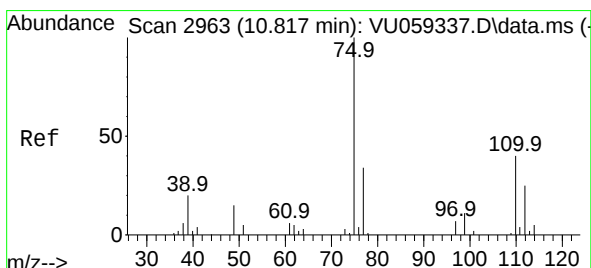
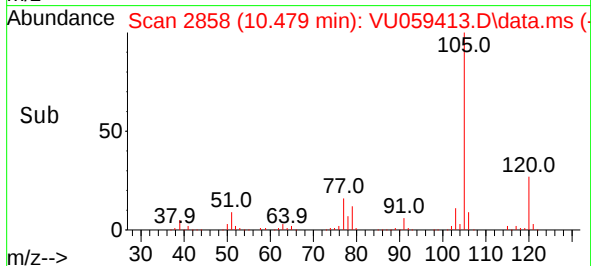
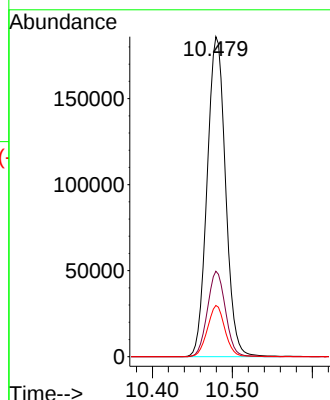
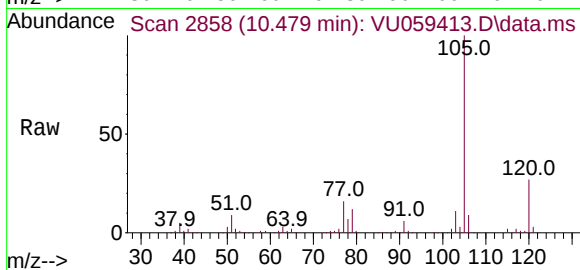
Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	297795
Ion Ratio	Lower	Upper	
105	100		
120	26.2	20.6	31.0
77	15.3	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 5.267 ug/L

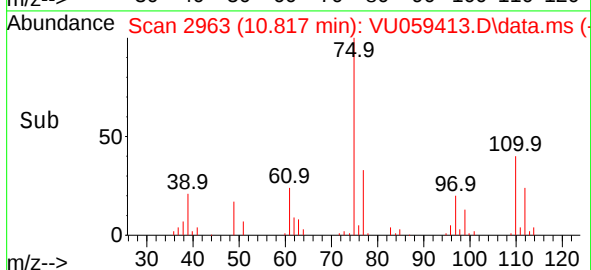
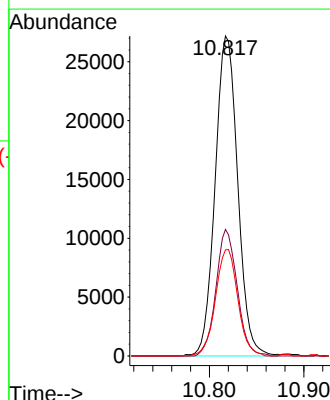
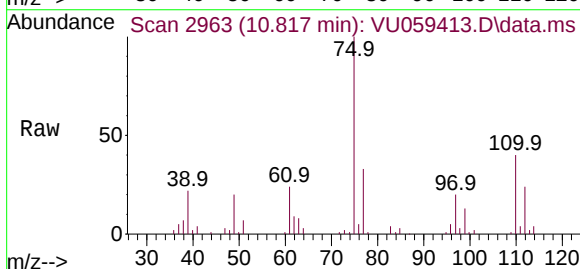
RT: 10.817 min Scan# 2963

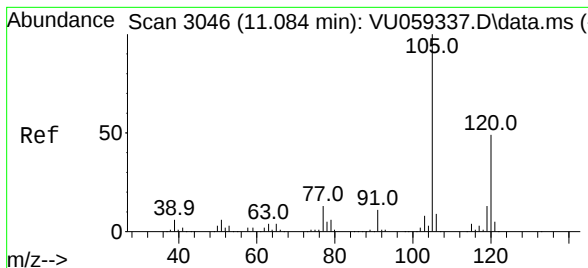
Delta R.T. -0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Tgt Ion:	75	Resp:	45138
Ion Ratio	Lower	Upper	
75	100		
110	37.0	27.1	40.7
77	32.9	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.164 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

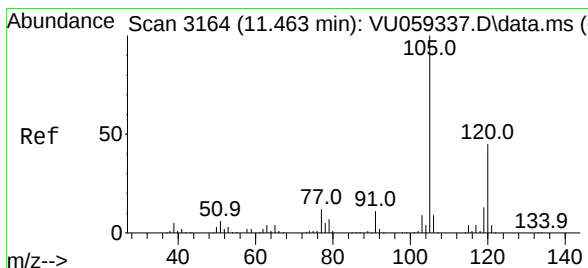
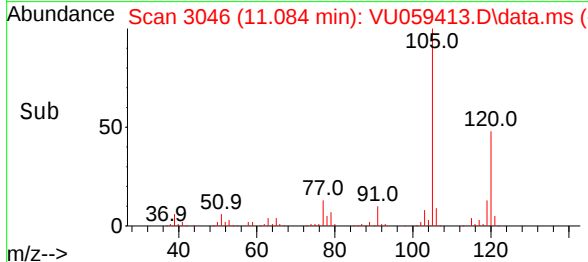
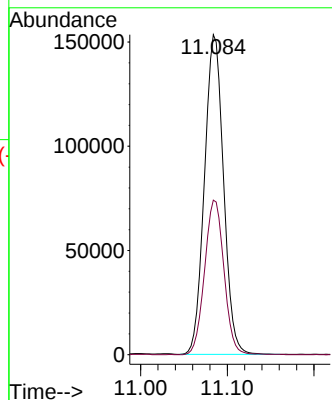
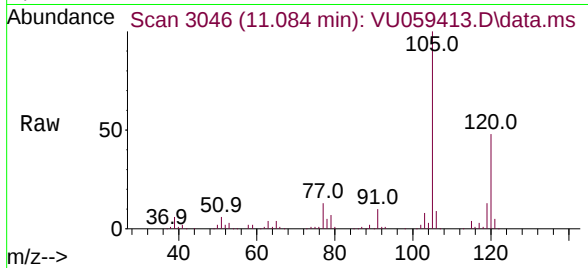
ClientSampleId :

Tgt Ion:105 Resp: 234359

Ion Ratio Lower Upper

105 100

120 49.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.486 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059413.D

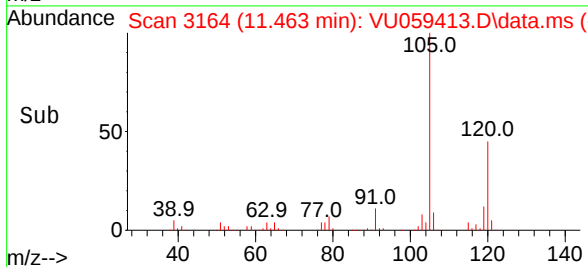
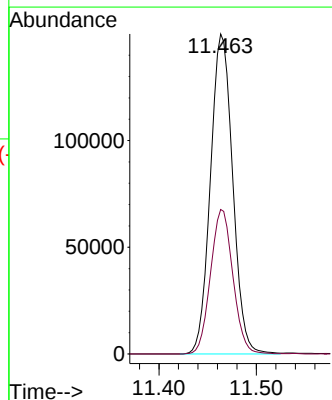
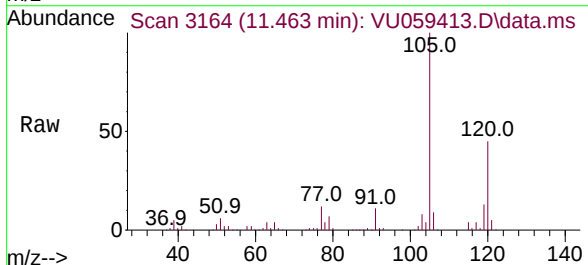
Acq: 21 Jun 2024 15:24

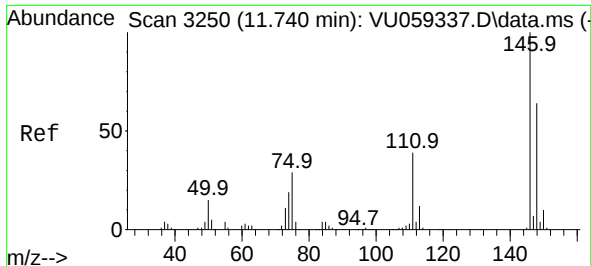
Tgt Ion:105 Resp: 238046

Ion Ratio Lower Upper

105 100

120 45.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.062 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

ClientSampleId :

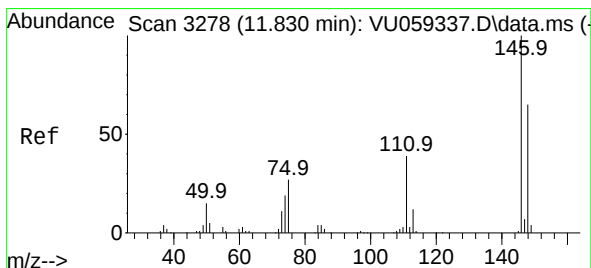
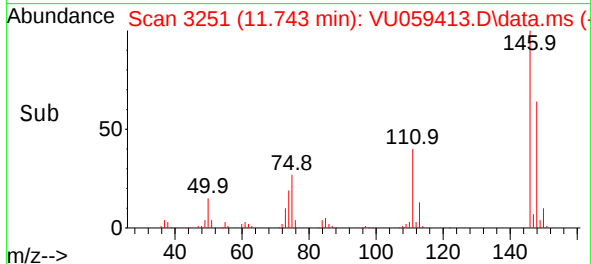
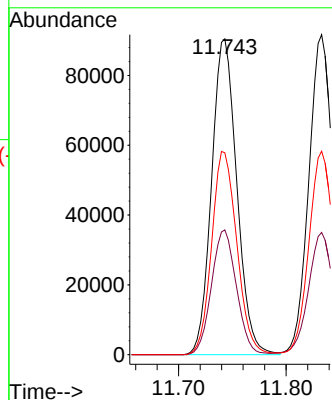
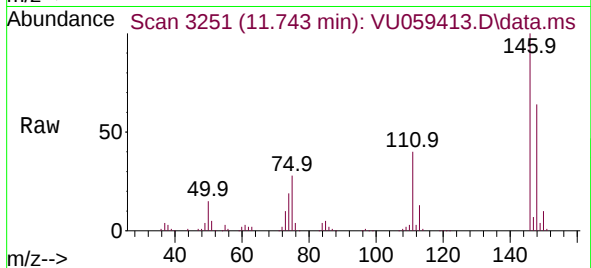
Tgt Ion:146 Resp: 147495

Ion Ratio Lower Upper

146 100

111 39.5 27.4 51.0

148 63.9 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.942 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

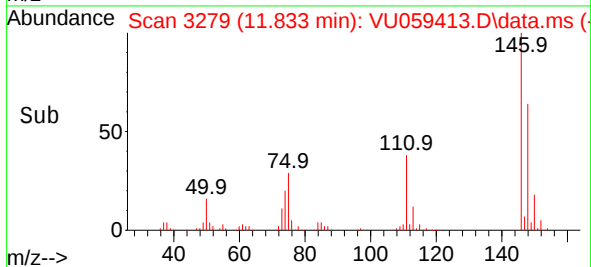
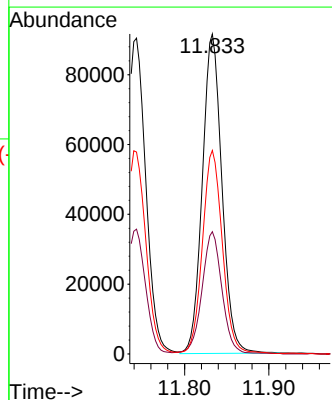
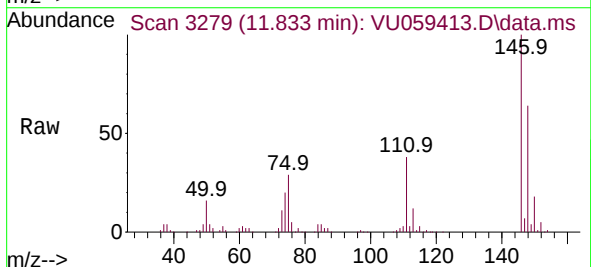
Tgt Ion:146 Resp: 148198

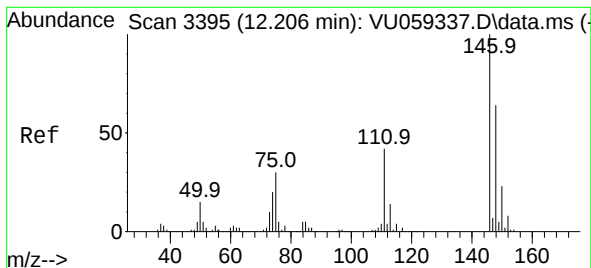
Ion Ratio Lower Upper

146 100

111 38.2 26.9 50.1

148 63.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.029 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

ClientSampleId :

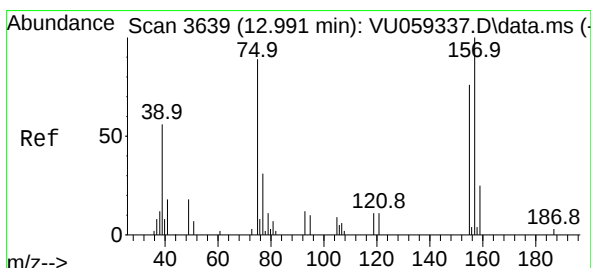
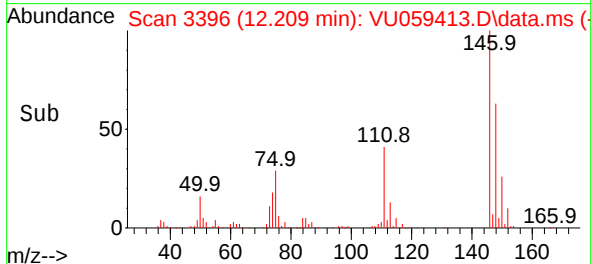
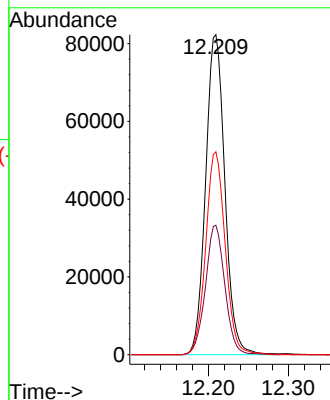
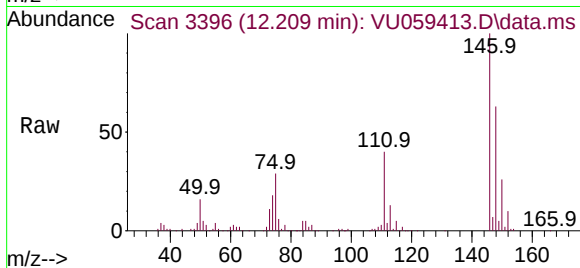
Tgt Ion:146 Resp: 137880

Ion Ratio Lower Upper

146 100

111 40.5 33.4 50.0

148 63.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.794 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

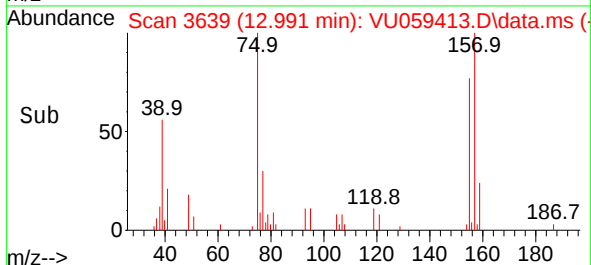
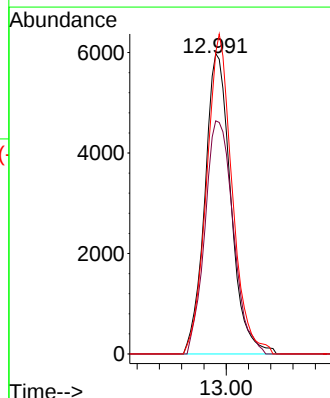
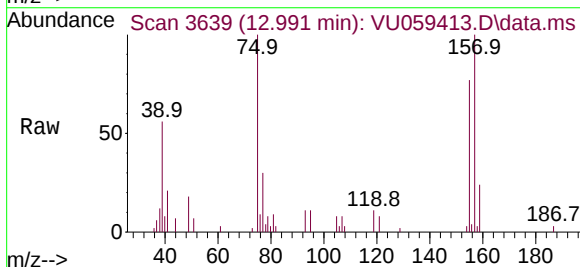
Tgt Ion: 75 Resp: 9684

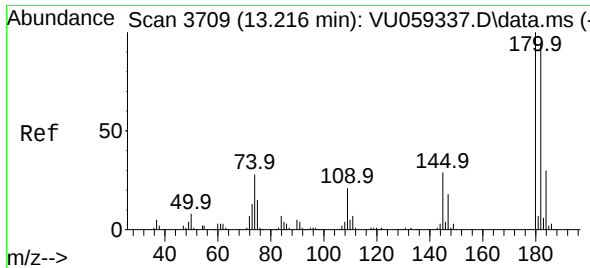
Ion Ratio Lower Upper

75 100

155 77.6 58.2 87.2

157 100.3 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.097 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

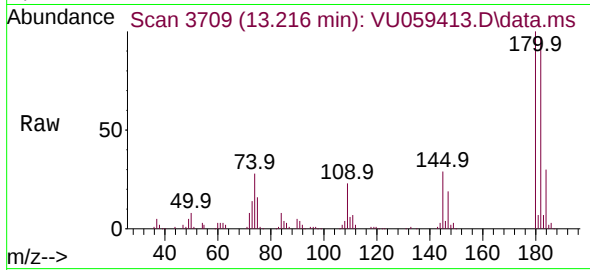
Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 109939

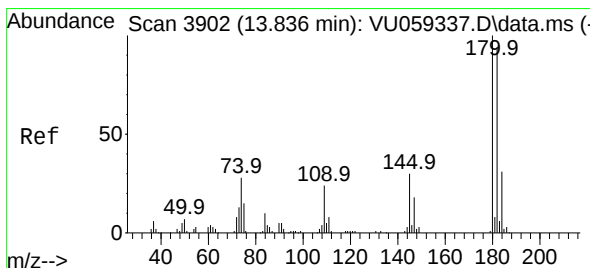
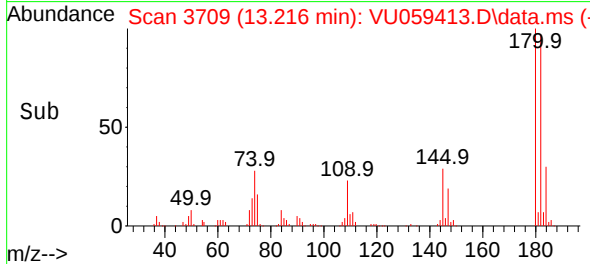
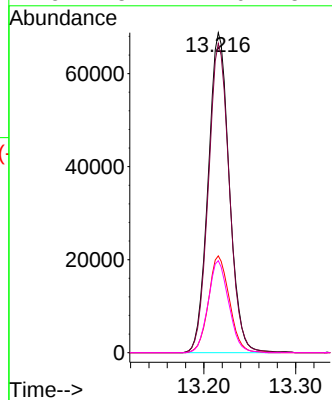
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

184 30.0 23.0 34.6

145 28.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.434 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

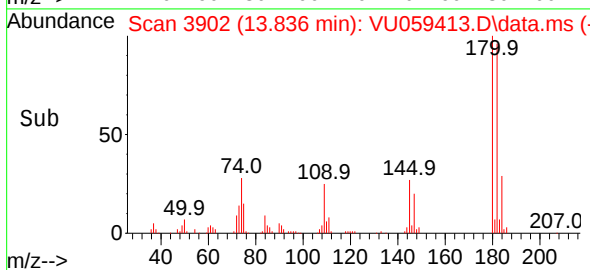
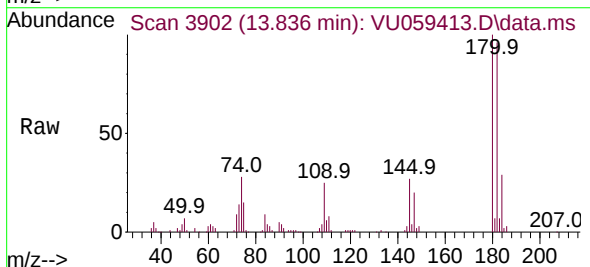
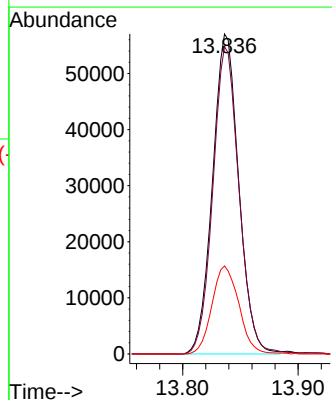
Tgt Ion:180 Resp: 89899

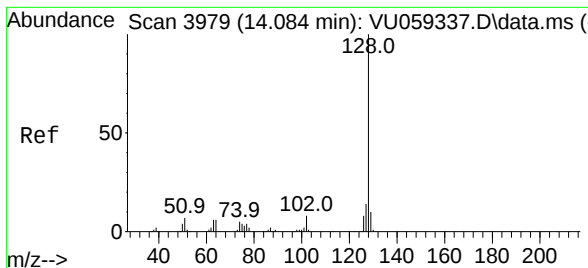
Ion Ratio Lower Upper

180 100

182 95.9 74.9 112.3

145 28.3 23.9 35.9





#71

Naphthalene

Concen: 6.540 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min MSVOA_U

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Instrument :

MSVOA_U

ClientSampleId :

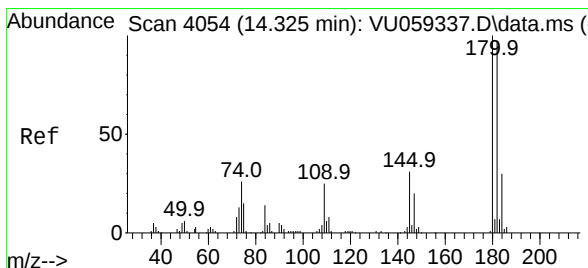
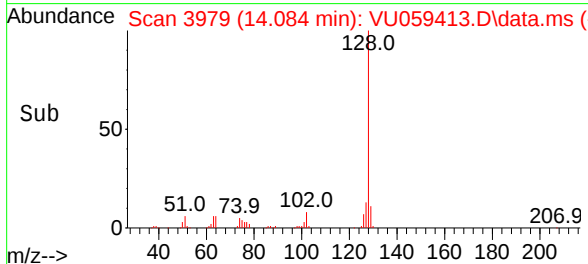
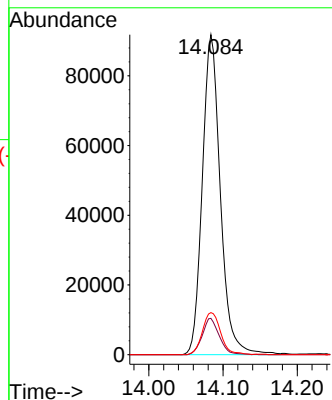
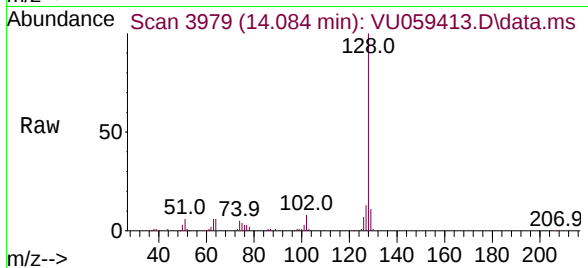
Tgt Ion:128 Resp: 154876

Ion Ratio Lower Upper

128 100

129 10.7 8.2 12.4

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.388 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059413.D

Acq: 21 Jun 2024 15:24

Tgt Ion:180 Resp: 82771

Ion Ratio Lower Upper

180 100

182 98.1 77.0 115.6

145 31.3 26.2 39.4

