

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059433.D
 Acq On : 22 Jun 2024 01:48
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 04:55:28 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	157347	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40529	3.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.907	69	44451	4.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.560	65	16857	3.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.621	46	125574	55.719	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.440%
24) Chloroform-d	5.055	84	100340	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	49244	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.721	84	186109	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.685	67	59258	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.894	98	164882	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.177	79	17458	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.627	63	100212	57.905	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55474	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	64815	4.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	64521	4.839	ug/L	98
3) Chloromethane	1.515	50	72040	5.020	ug/L	100
5) Vinyl chloride	1.599	62	79731	5.030	ug/L	97
6) Bromomethane	1.853	94	50760	4.605	ug/L	94
8) Chloroethane	1.927	64	49103	5.141	ug/L	99
9) Trichlorofluoromethane	2.132	101	94924	4.974	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57745	4.780	ug/L	95
12) 1,1-Dichloroethene	2.573	96	54741	4.905	ug/L	84
13) Acetone	2.631	43	77199	52.805	ug/L	92
14) Carbon disulfide	2.785	76	178892	4.805	ug/L	100
15) Methyl Acetate	2.949	43	21771	5.643	ug/L	91
16) Methylene chloride	3.036	84	68662	5.192	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	129652	5.391	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	58162	5.011	ug/L	92
19) 1,1-Dichloroethane	3.859	63	108557	5.072	ug/L	98
21) 2-Butanone	4.701	43	132410	56.467	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	65045	5.085	ug/L	95
23) Bromochloromethane	4.968	128	30956	5.308	ug/L	90
25) Chloroform	5.081	83	114995	5.101	ug/L	97

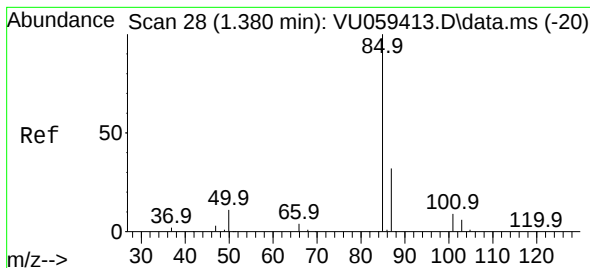
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70433	5.156	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	92820	5.096	ug/L	97
30) Cyclohexane	5.380	56	82055	5.103	ug/L	93
31) Carbon tetrachloride	5.518	117	77302	5.069	ug/L	99
33) Benzene	5.769	78	250167	5.223	ug/L	100
34) Trichloroethene	6.537	95	66285	5.110	ug/L	96
35) Methylcyclohexane	6.756	83	89622	4.856	ug/L	95
37) 1,2-Dichloropropane	6.785	63	65173	5.258	ug/L #	98
38) Bromodichloromethane	7.100	83	80574	5.208	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	82302	4.855	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	337487	58.759	ug/L #	95
42) Toluene	7.965	91	272451	5.373	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	67269	4.944	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	50448	5.523	ug/L	97
47) Tetrachloroethene	8.550	164	50948	5.062	ug/L	97
48) 2-Hexanone	8.679	43	252464	61.590	ug/L #	95
49) Dibromochloromethane	8.804	129	53865	5.324	ug/L	95
50) 1,2-Dibromoethane	8.917	107	47455	5.626	ug/L	96
51) Chlorobenzene	9.441	112	169684	5.276	ug/L	97
52) Ethylbenzene	9.566	91	273844	5.264	ug/L	97
53) m,p-Xylene	9.688	106	105884	5.300	ug/L	99
54) o-Xylene	10.097	106	103155	5.441	ug/L	95
55) Styrene	10.110	104	179011	5.546	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	60748	5.482	ug/L	99
59) Bromoform	10.286	173	33681	5.262	ug/L	100
60) Isopropylbenzene	10.479	105	269127	5.210	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	43621	5.644	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	206921	5.056	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	205274	5.246	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	134419	5.116	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	134196	4.962	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	128540	5.198	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	8436	5.596	ug/L	87
69) 1,3,5-Trichlorobenzene	13.216	180	96114	4.942	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	81140	5.438	ug/L	98
71) Naphthalene	14.084	128	133129	6.234	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	78190	5.644	ug/L	98

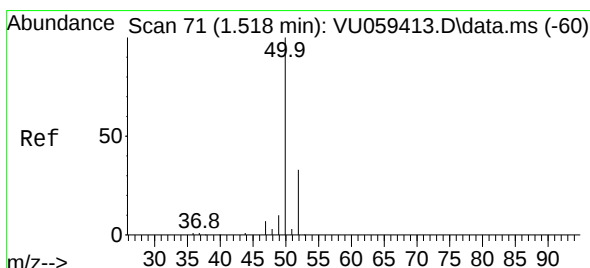
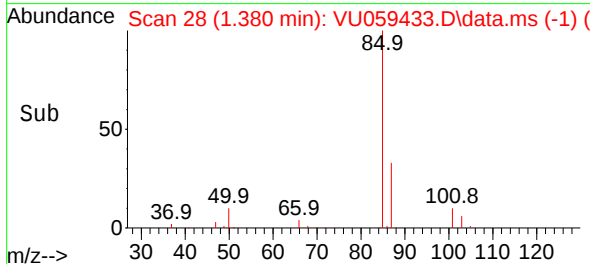
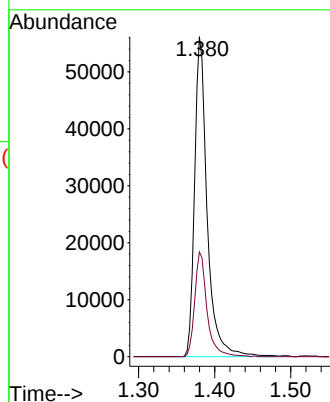
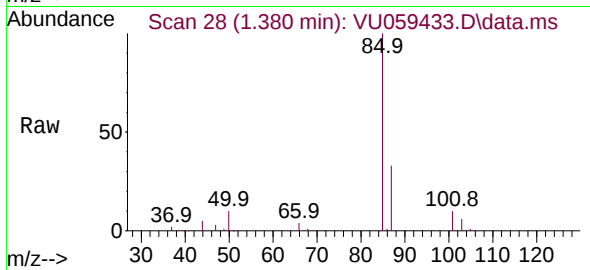
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.839 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU059433.D
 Acq: 22 Jun 2024 01:48

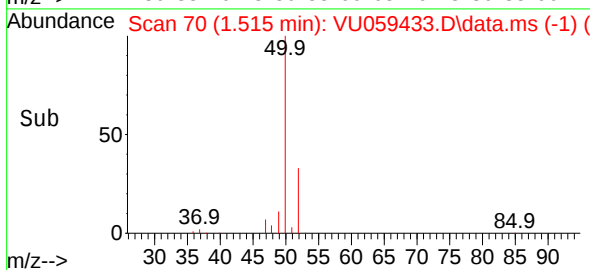
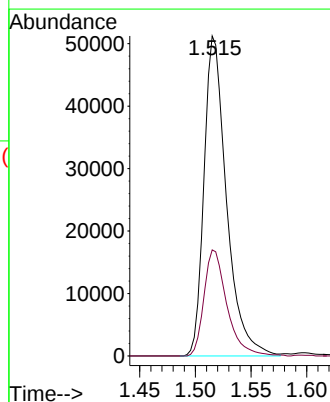
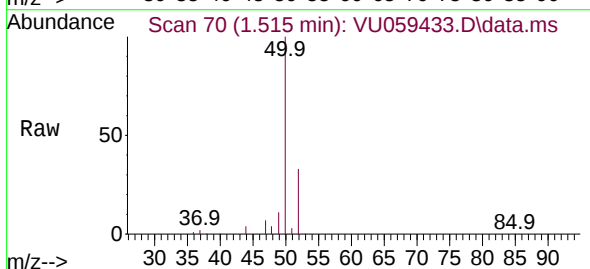
Instrument :
 MSVOA_U
 ClientSampleId :

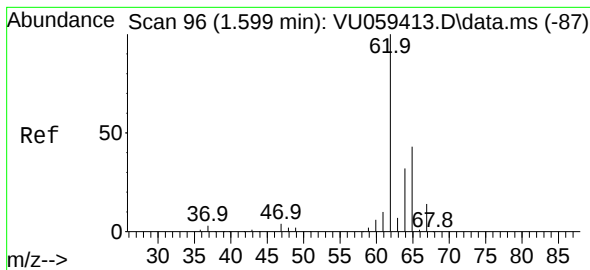
Tgt Ion: 85 Resp: 64521
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 40.0



#3
 Chloromethane
 Concen: 5.020 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU059433.D
 Acq: 22 Jun 2024 01:48

Tgt Ion: 50 Resp: 72040
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.0





#5

Vinyl chloride

Concen: 5.030 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

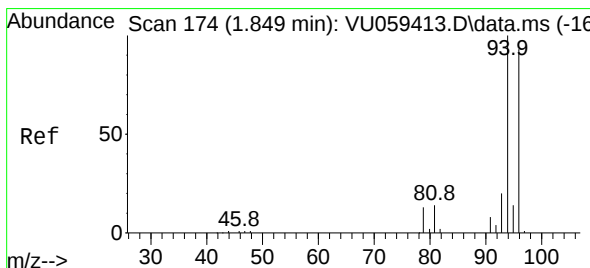
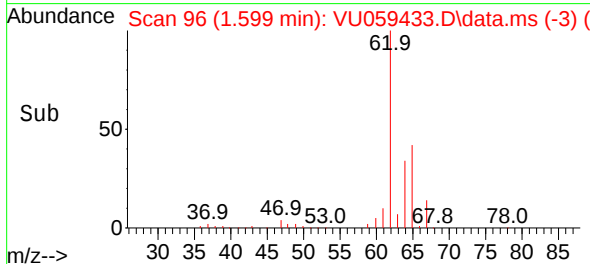
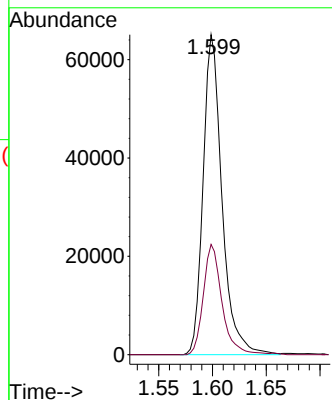
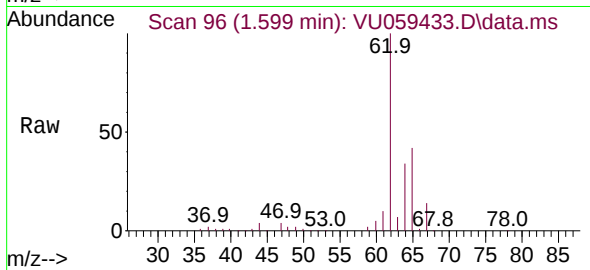
ClientSampleId :

Tgt Ion: 62 Resp: 79731

Ion Ratio Lower Upper

62 100

64 34.5 23.1 42.9



#6

Bromomethane

Concen: 4.605 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU059433.D

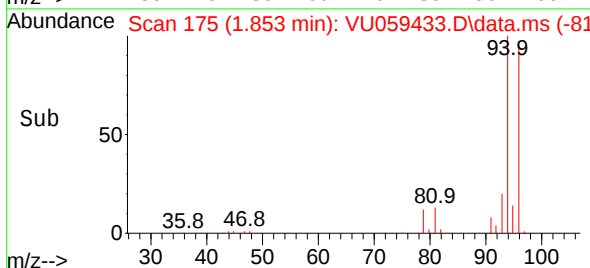
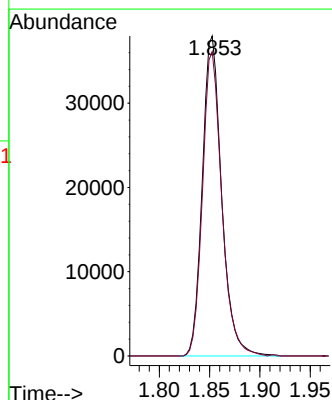
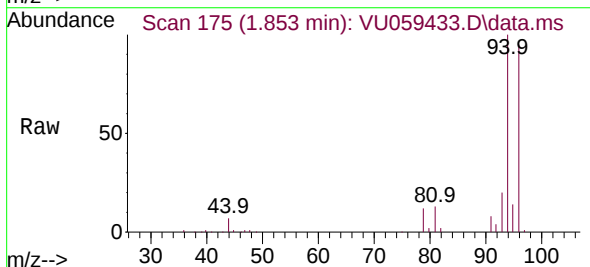
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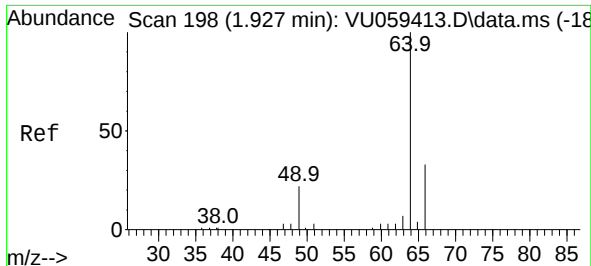
Tgt Ion: 94 Resp: 50760

Ion Ratio Lower Upper

94 100

96 95.1 62.9 116.9

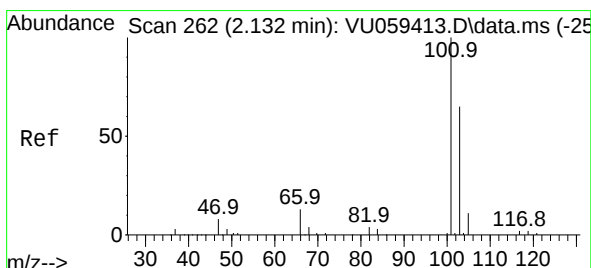
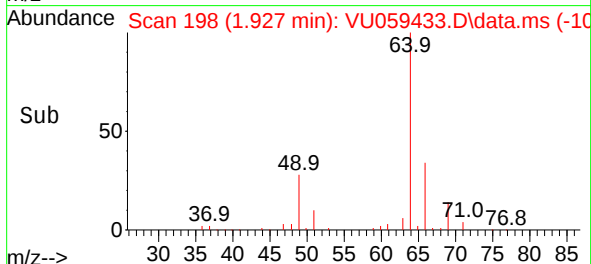
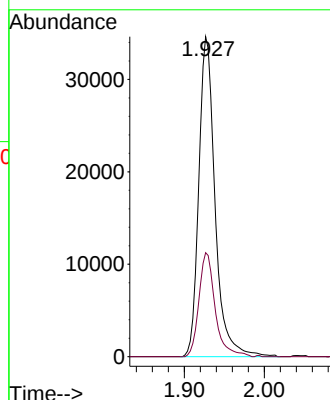
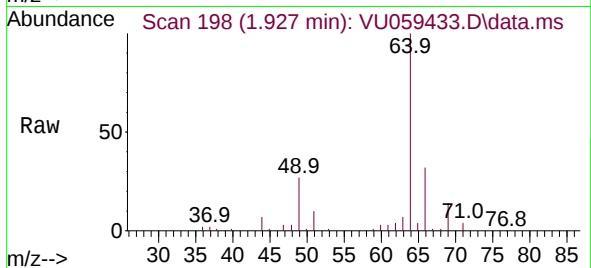




#8
Chloroethane
Concen: 5.141 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

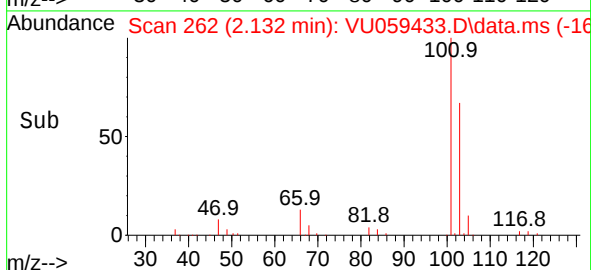
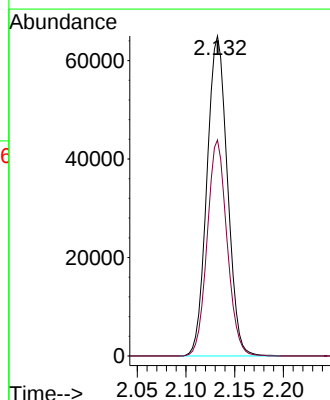
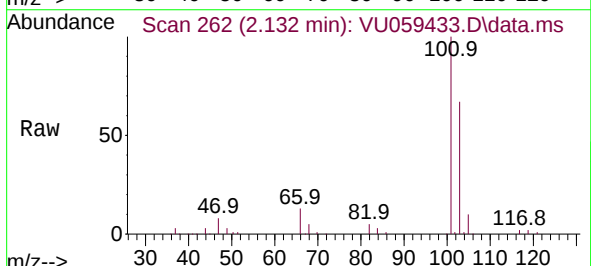
Instrument :
MSVOA_U
ClientSampleId :

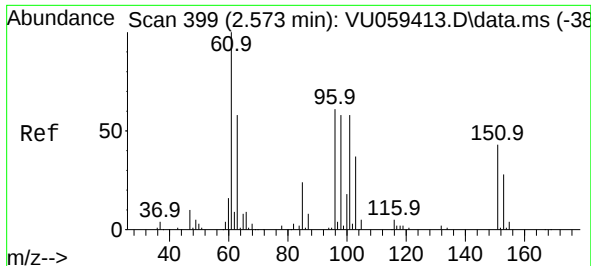
Tgt Ion: 64 Resp: 49103
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.974 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion:101 Resp: 94924
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0

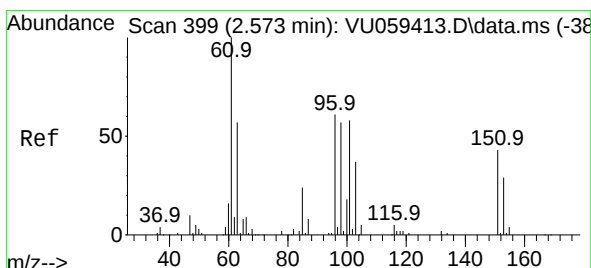
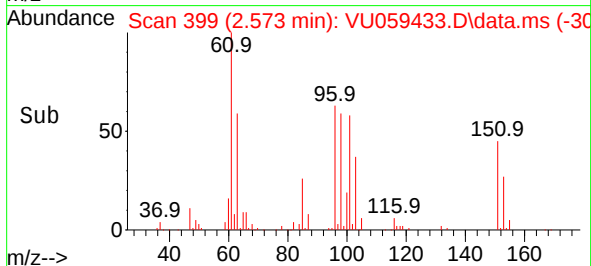
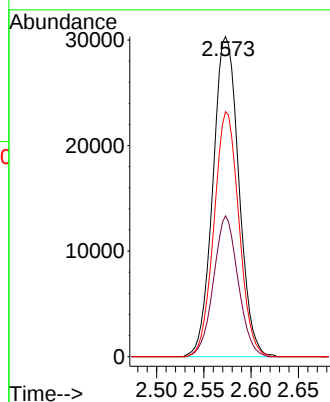
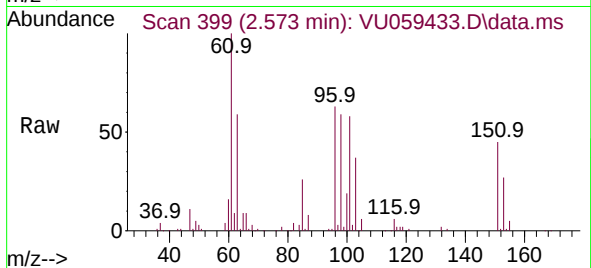




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.780 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

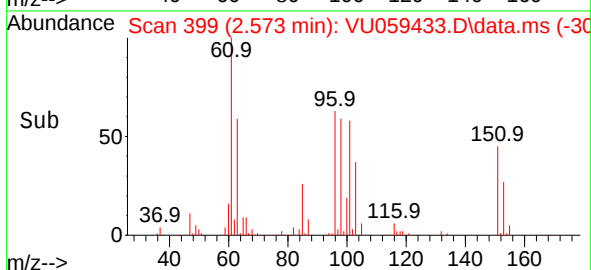
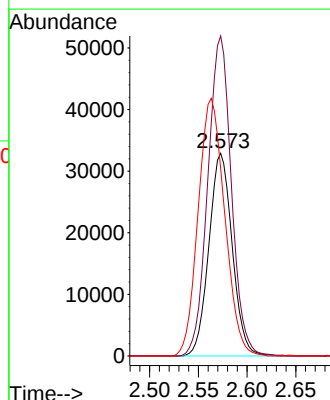
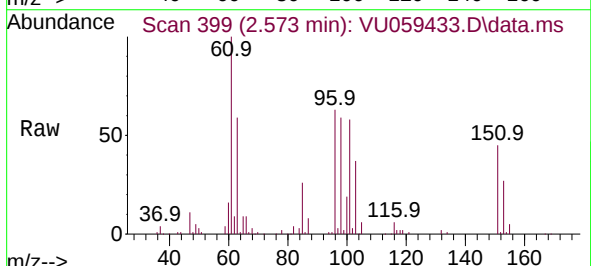
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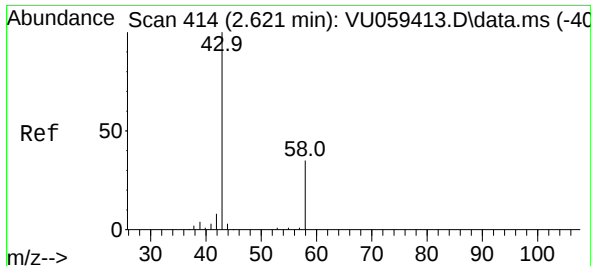
Tgt Ion:101 Resp: 57745
Ion Ratio Lower Upper
101 100
85 41.9 36.2 54.4
151 73.9 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.905 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion: 96 Resp: 54741
Ion Ratio Lower Upper
96 100
61 157.9 122.9 228.3
63 92.6 80.4 149.4





#13

Acetone

Concen: 52.805 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

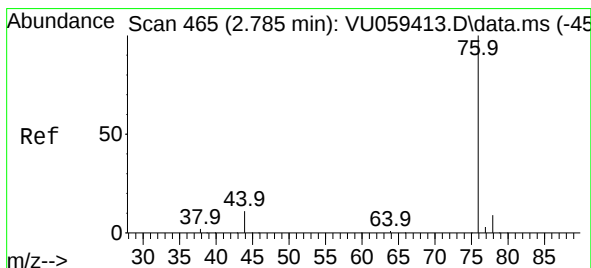
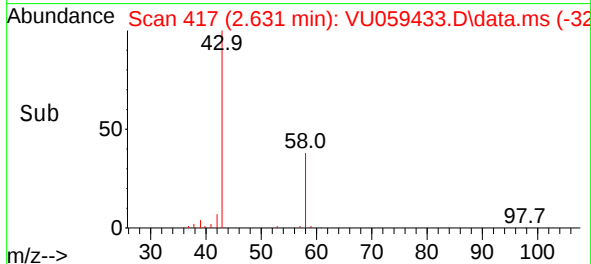
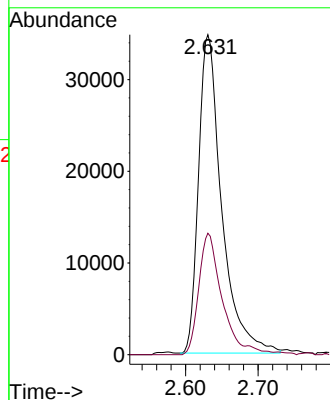
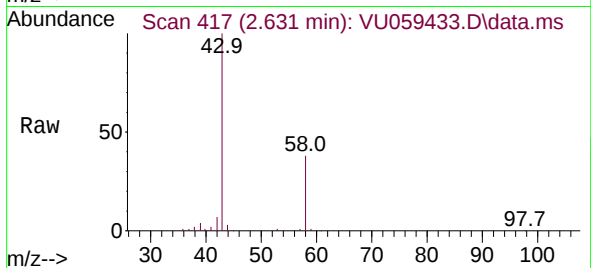
ClientSampleId :

Tgt Ion: 43 Resp: 77199

Ion Ratio Lower Upper

43 100

58 38.3 0.0 68.0



#14

Carbon disulfide

Concen: 4.805 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059433.D

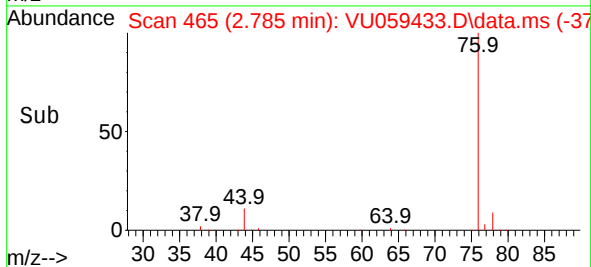
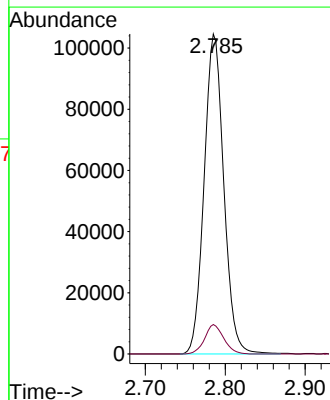
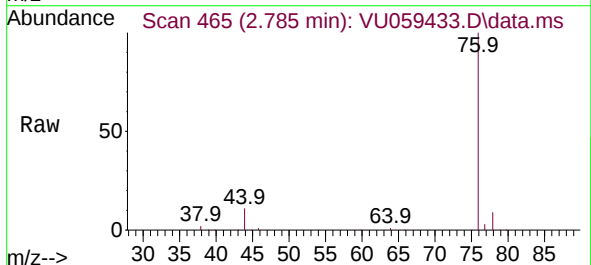
Acq: 22 Jun 2024 01:48

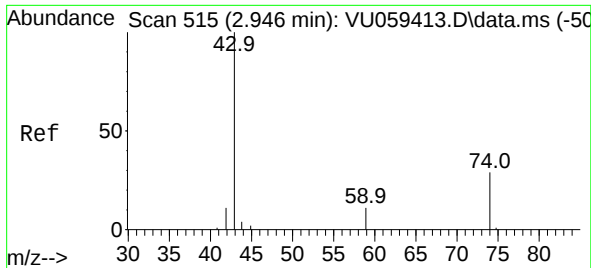
Tgt Ion: 76 Resp: 178892

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

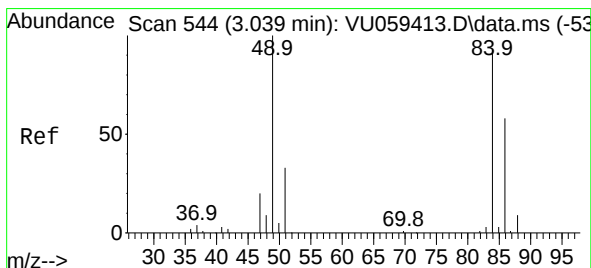
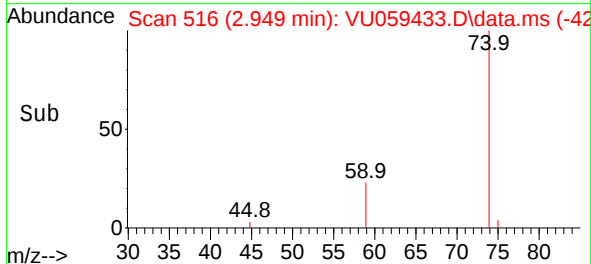
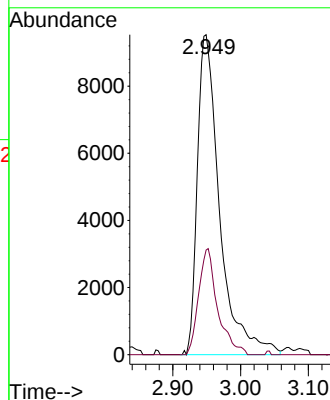
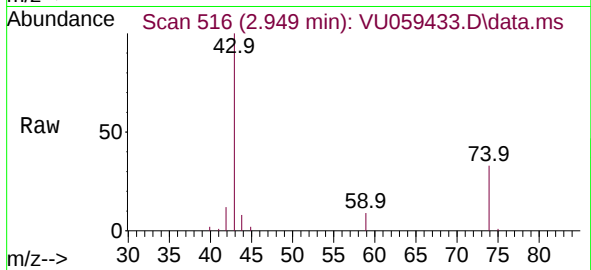




#15
Methyl Acetate
Concen: 5.643 ug/L
RT: 2.949 min Scan# 515
Delta R.T. 0.003 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

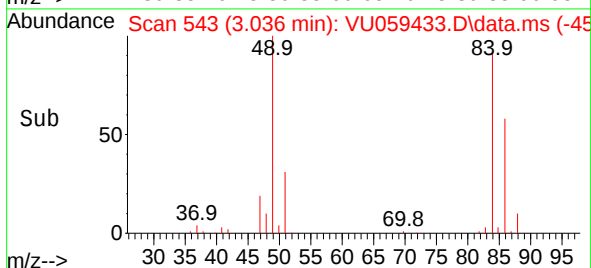
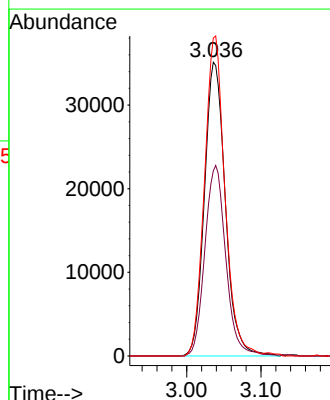
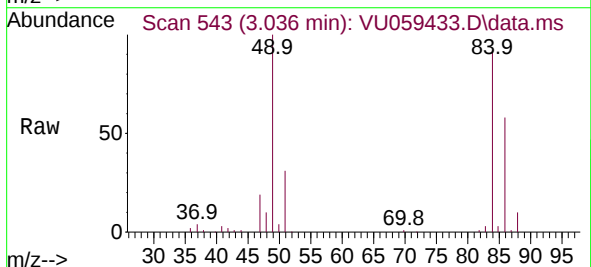
Instrument :
MSVOA_U
ClientSampleId :

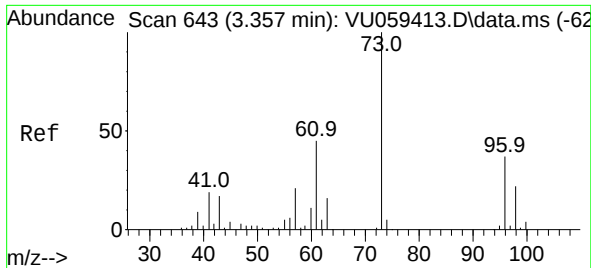
Tgt Ion: 43 Resp: 21771
Ion Ratio Lower Upper
43 100
74 28.2 19.2 28.8



#16
Methylene chloride
Concen: 5.192 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion: 84 Resp: 68662
Ion Ratio Lower Upper
84 100
86 63.0 42.1 78.1
49 108.2 80.6 149.8

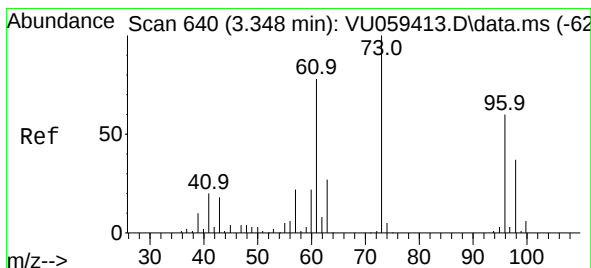
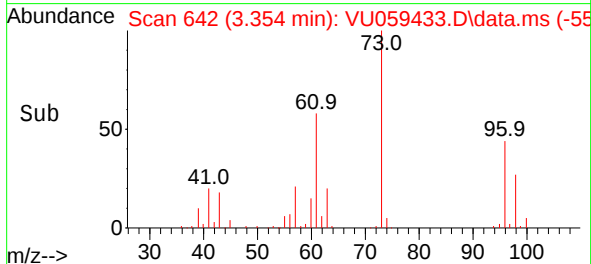
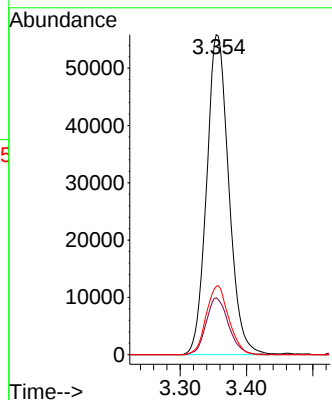
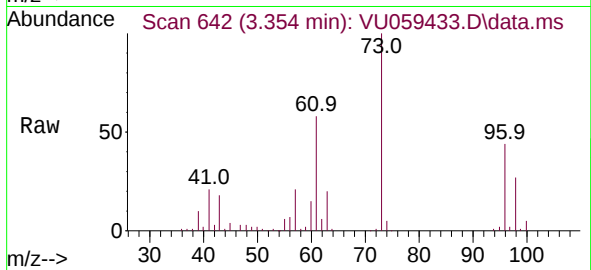




#17
Methyl tert-butyl Ether
Concen: 5.391 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

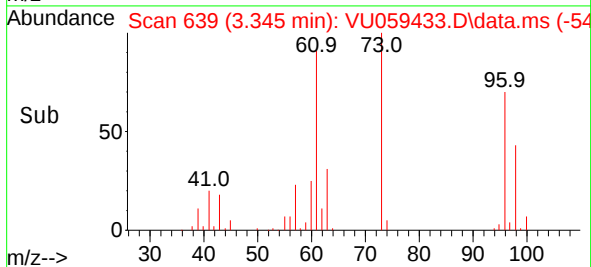
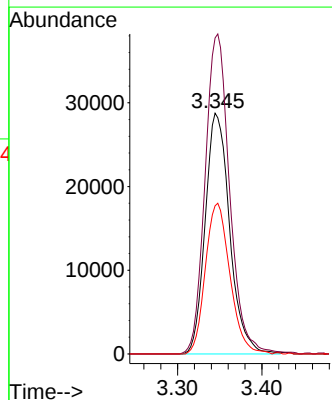
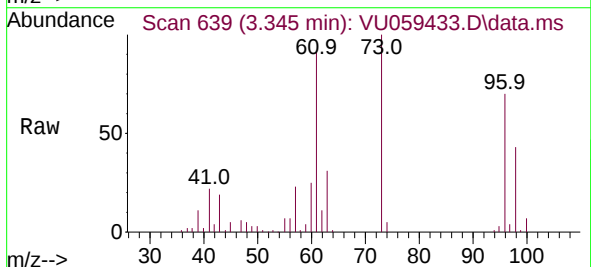
Instrument :
MSVOA_U
ClientSampleId :

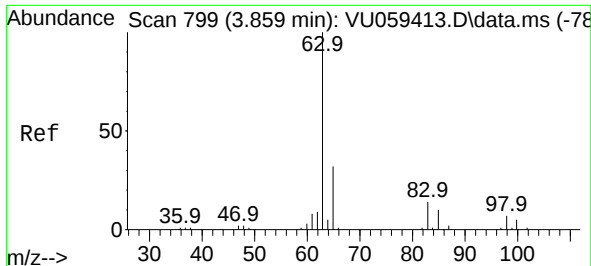
Tgt Ion: 73 Resp: 129652
Ion Ratio Lower Upper
73 100
43 18.0 14.9 22.3
57 21.9 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.011 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion: 96 Resp: 58162
Ion Ratio Lower Upper
96 100
61 131.2 101.8 189.0
98 61.5 43.3 80.5

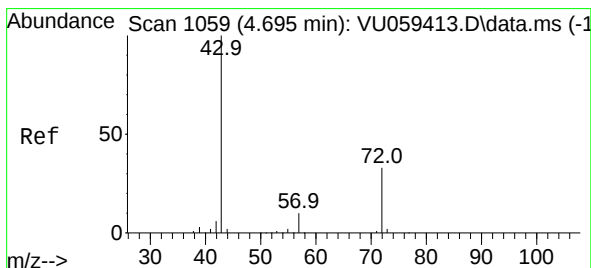
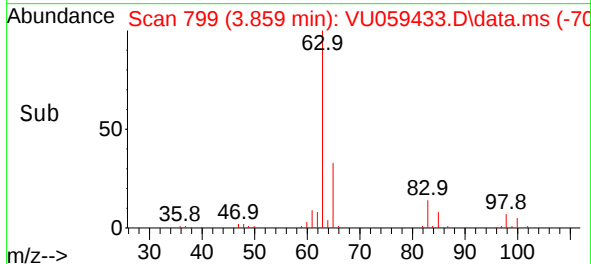
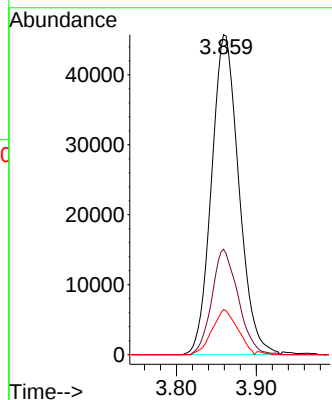
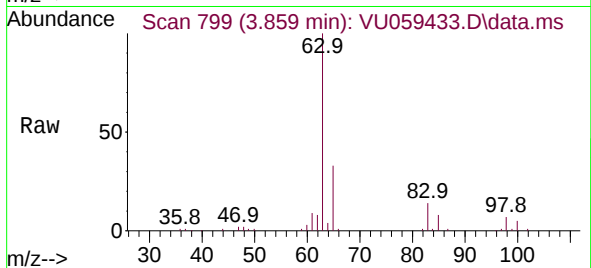




#19
1,1-Dichloroethane
Concen: 5.072 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

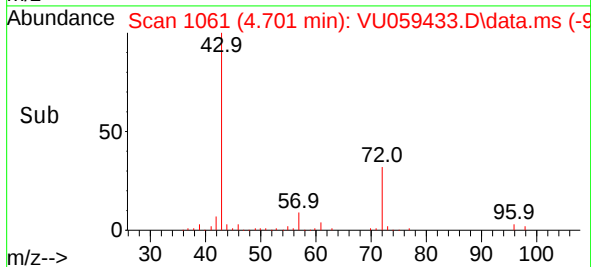
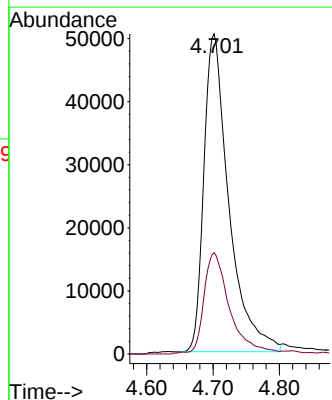
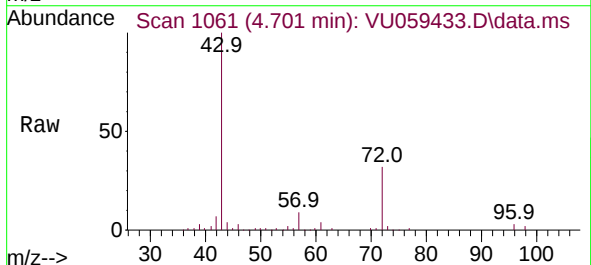
Instrument :
MSVOA_U
ClientSampleId :

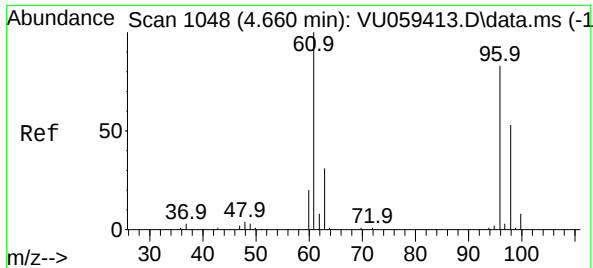
Tgt Ion: 63 Resp: 108557
Ion Ratio Lower Upper
63 100
65 32.9 21.8 40.6
83 14.1 9.9 18.5



#21
2-Butanone
Concen: 56.467 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion: 43 Resp: 132410
Ion Ratio Lower Upper
43 100
72 30.7 13.8 41.4

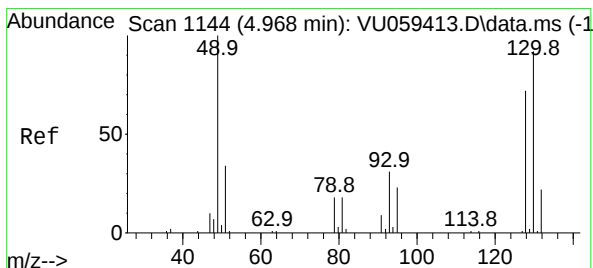
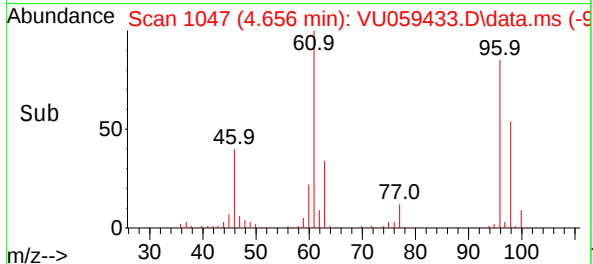
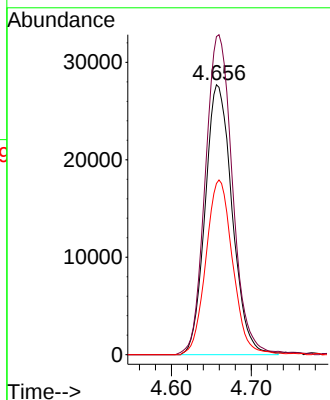
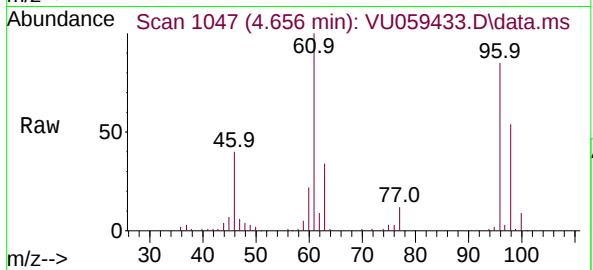




#22
 cis-1,2-Dichloroethene
 Concen: 5.085 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU059433.D
 Acq: 22 Jun 2024 01:48

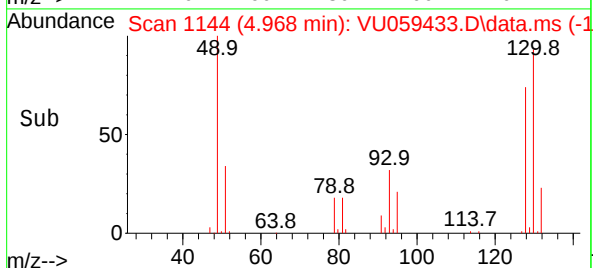
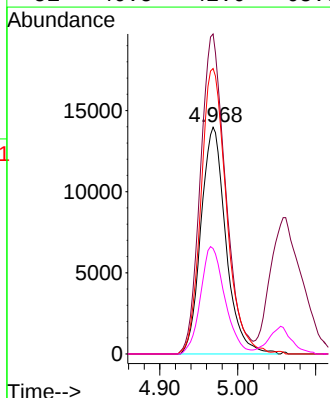
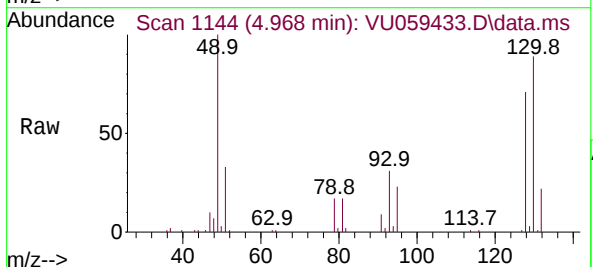
Instrument :
 MSVOA_U
 ClientSampleId :

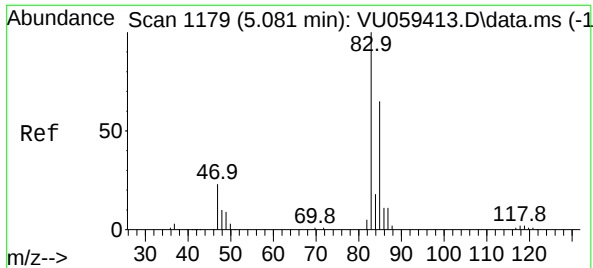
Tgt Ion: 96 Resp: 65045
 Ion Ratio Lower Upper
 96 100
 61 117.8 87.4 162.2
 98 63.4 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.308 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU059433.D
 Acq: 22 Jun 2024 01:48

Tgt Ion:128 Resp: 30956
 Ion Ratio Lower Upper
 128 100
 49 145.3 117.0 217.4
 130 125.9 89.6 166.4
 51 46.5 42.0 63.0

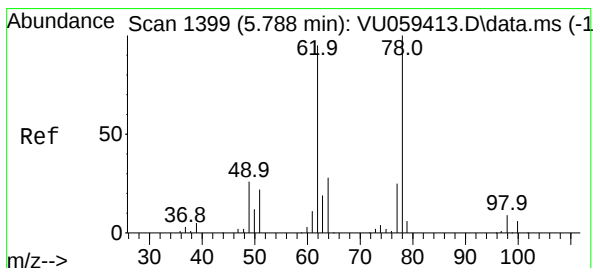
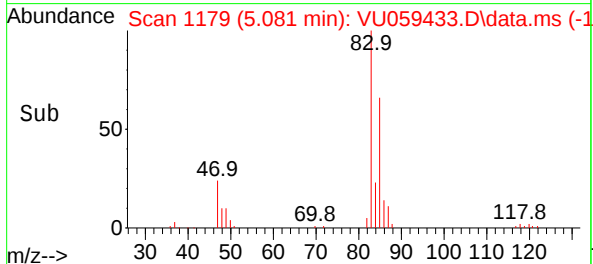
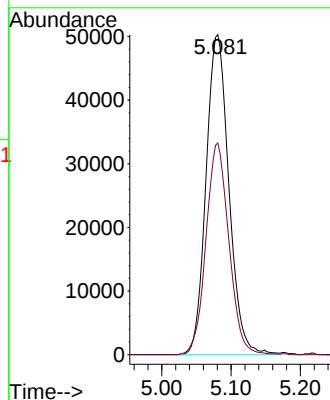
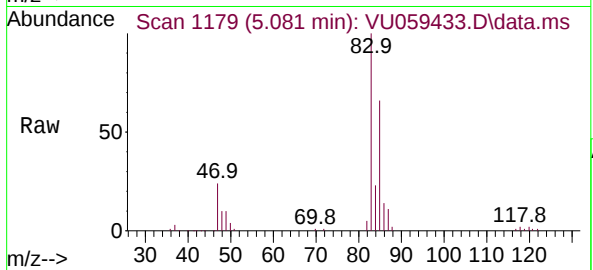




#25
Chloroform
Concen: 5.101 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

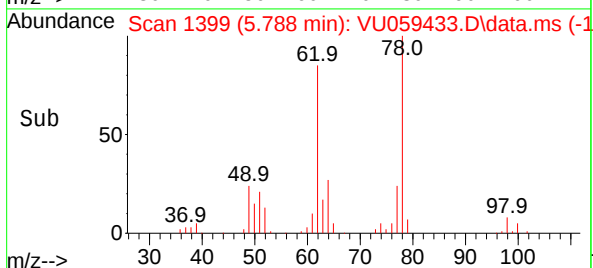
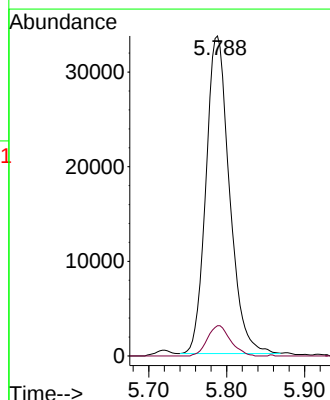
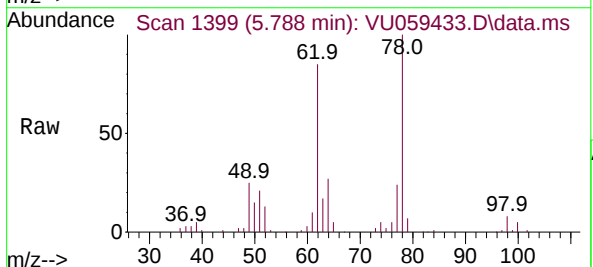
Instrument :
MSVOA_U
ClientSampleId :

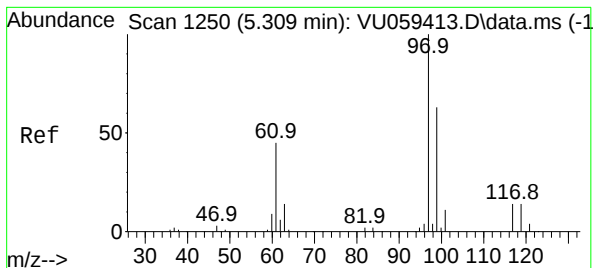
Tgt Ion: 83 Resp: 114995
Ion Ratio Lower Upper
83 100
85 66.2 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.156 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion: 62 Resp: 70433
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.096 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :

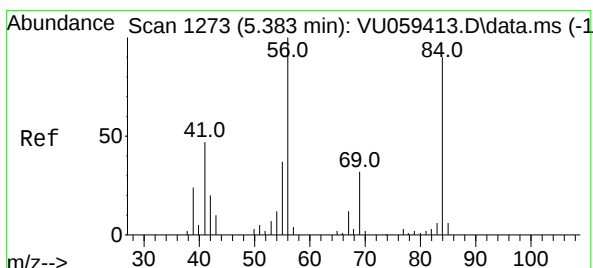
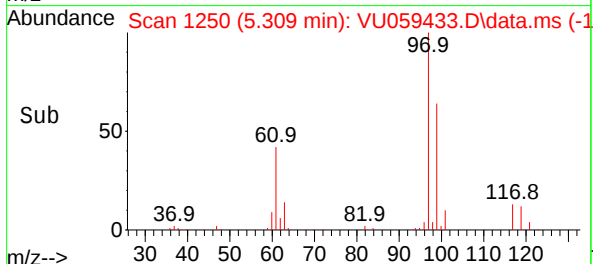
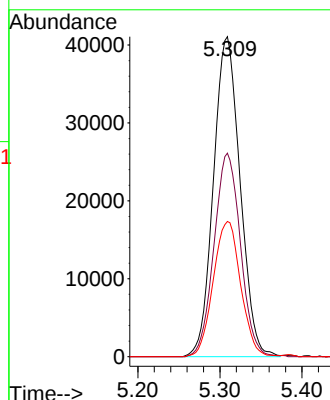
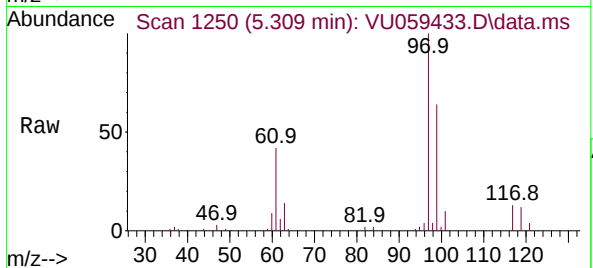
Tgt Ion: 97 Resp: 92820

Ion Ratio Lower Upper

97 100

99 63.2 51.8 77.6

61 43.4 37.4 56.2



#30

Cyclohexane

Concen: 5.103 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

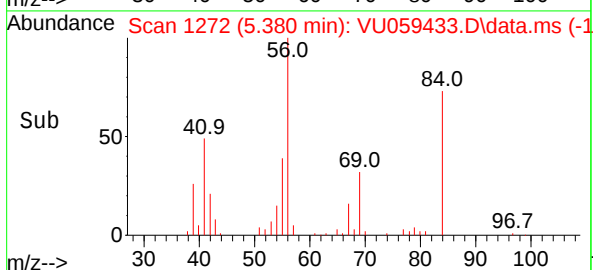
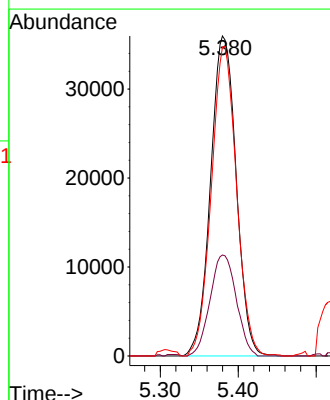
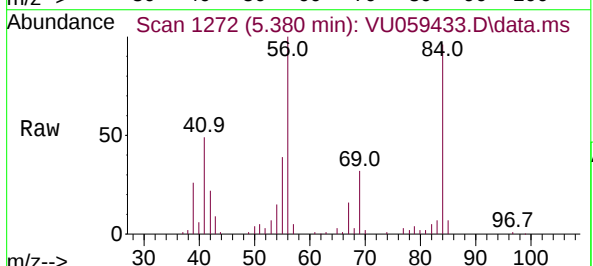
Tgt Ion: 56 Resp: 82055

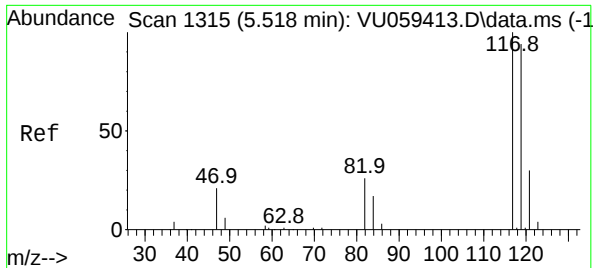
Ion Ratio Lower Upper

56 100

69 32.4 24.8 37.2

84 95.0 69.8 104.8

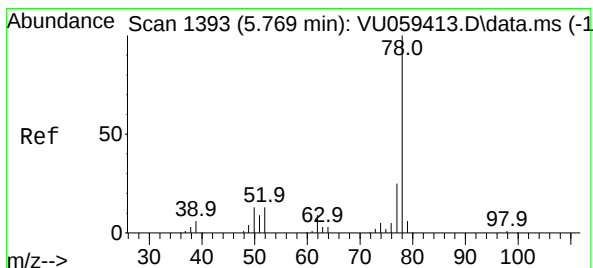
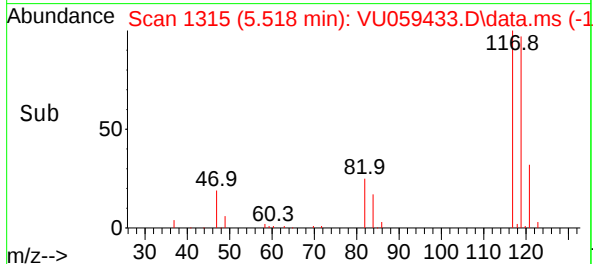
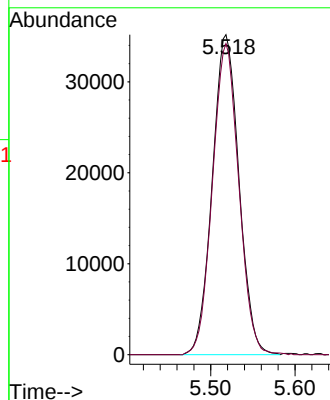
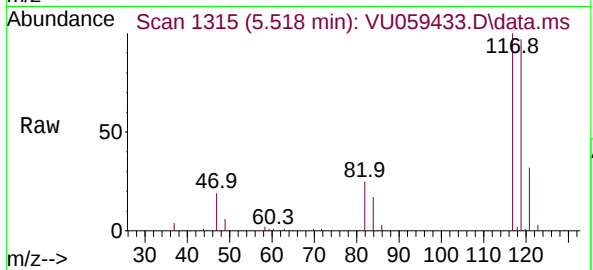




#31
Carbon tetrachloride
Concen: 5.069 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

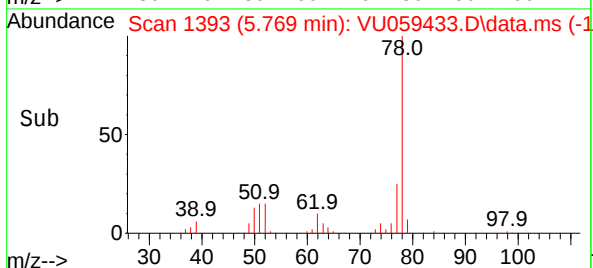
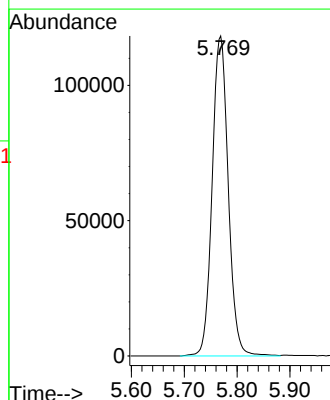
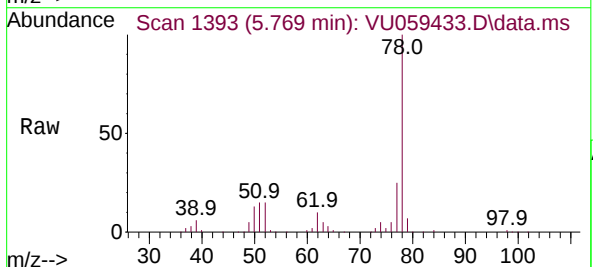
Instrument :
MSVOA_U
ClientSampleId :

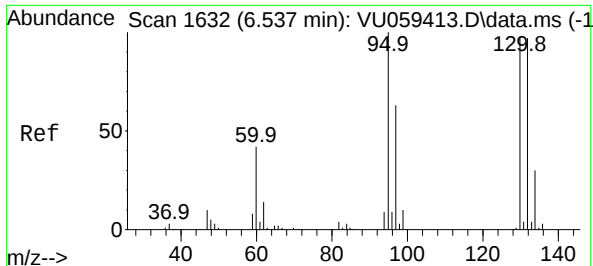
Tgt Ion:117 Resp: 77302
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 5.223 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion: 78 Resp: 250167

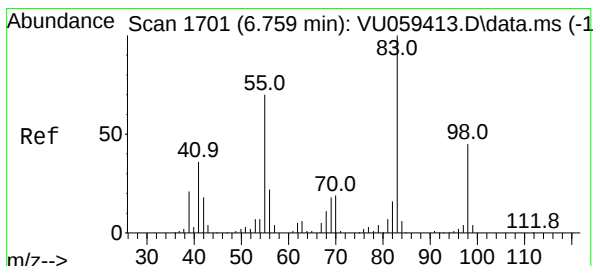
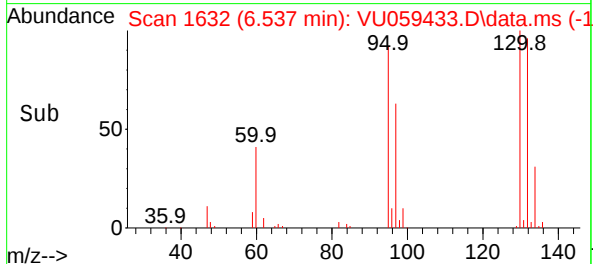
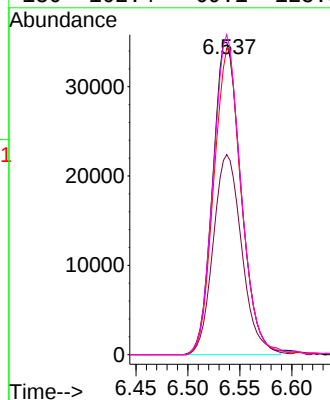
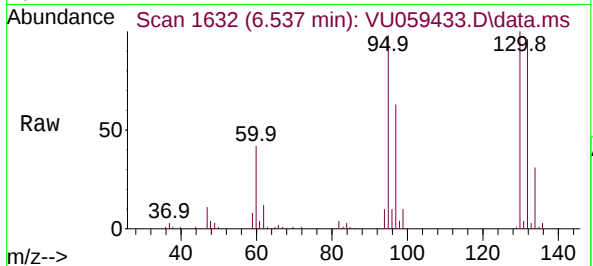




#34
Trichloroethene
Concen: 5.110 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

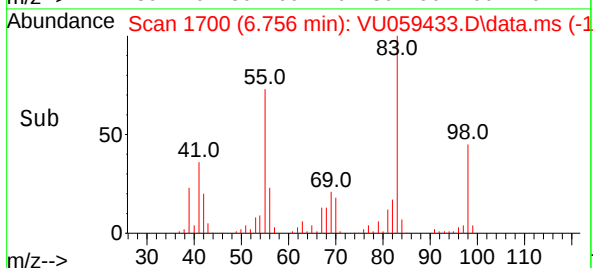
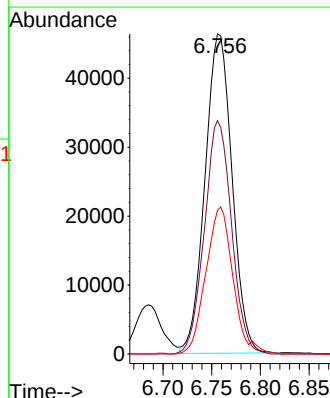
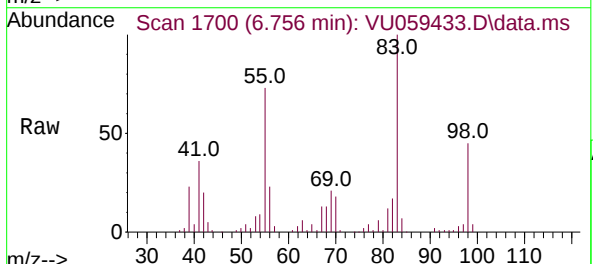
Instrument :
MSVOA_U
ClientSampleId :

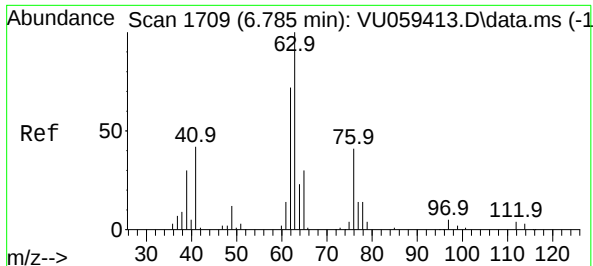
Tgt Ion: 95 Resp: 66285
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 98.1 64.0 119.0
130 102.4 69.1 128.3



#35
Methylcyclohexane
Concen: 4.856 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion: 83 Resp: 89622
Ion Ratio Lower Upper
83 100
55 73.1 62.7 94.1
98 46.0 35.4 53.0

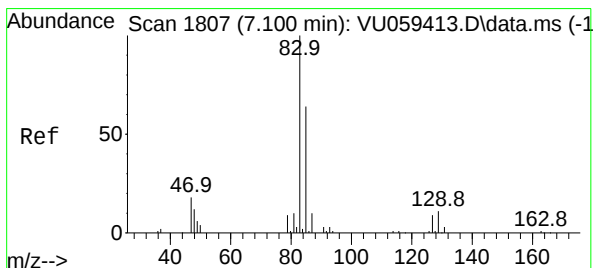
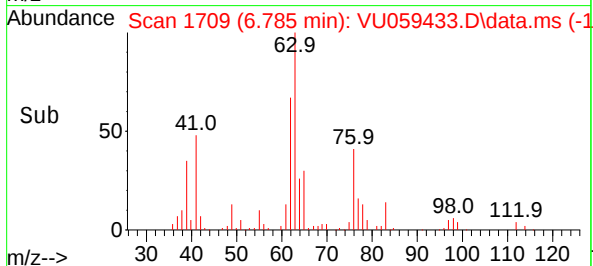
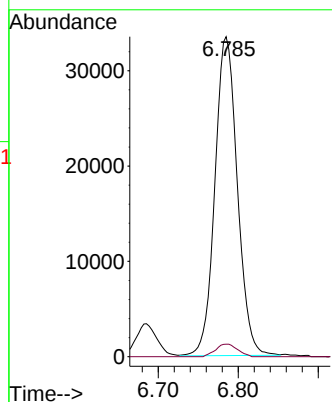
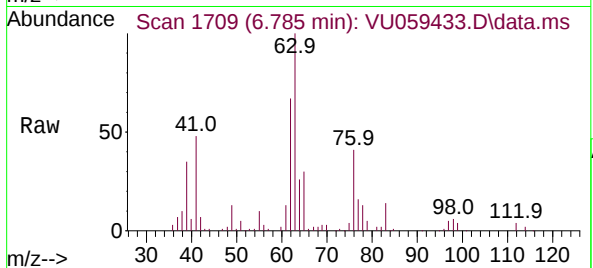




#37
1,2-Dichloropropane
Concen: 5.258 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

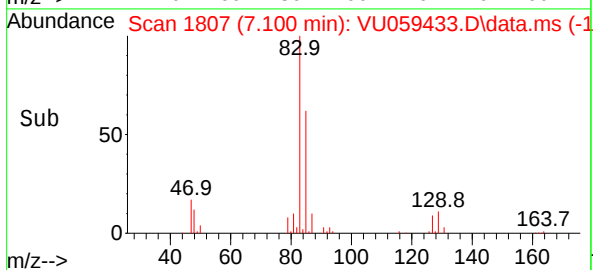
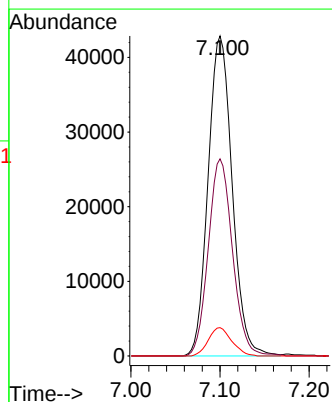
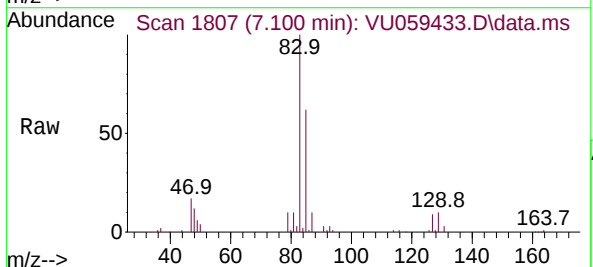
Instrument :
MSVOA_U
ClientSampleId :

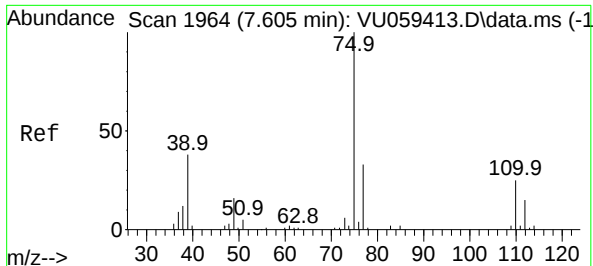
Tgt Ion: 63 Resp: 65173
Ion Ratio Lower Upper
63 100
112 3.9 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.208 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion: 83 Resp: 80574
Ion Ratio Lower Upper
83 100
85 61.6 42.7 79.3
127 8.9 6.1 9.1

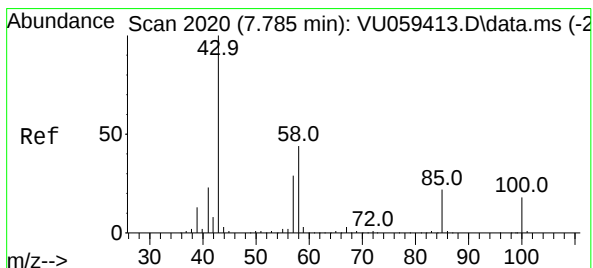
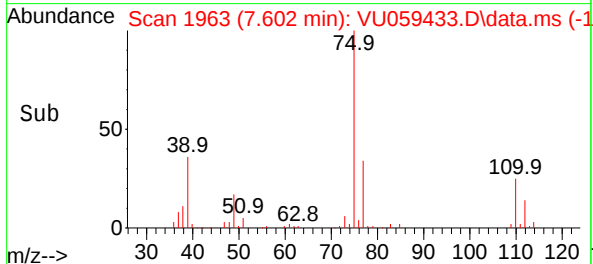
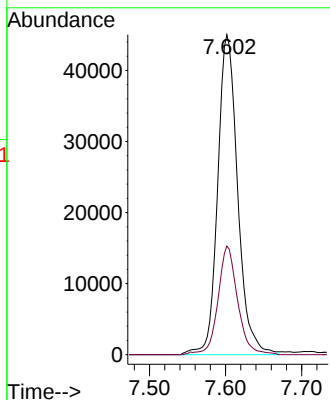
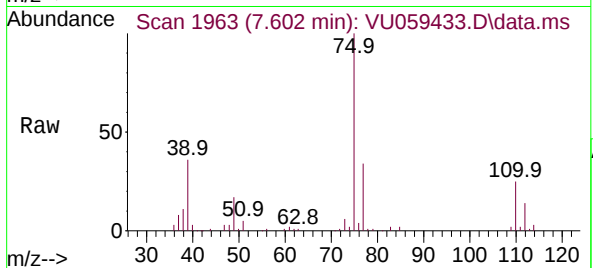




#39
 cis-1,3-Dichloropropene
 Concen: 4.855 ug/L
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU059433.D
 Acq: 22 Jun 2024 01:48

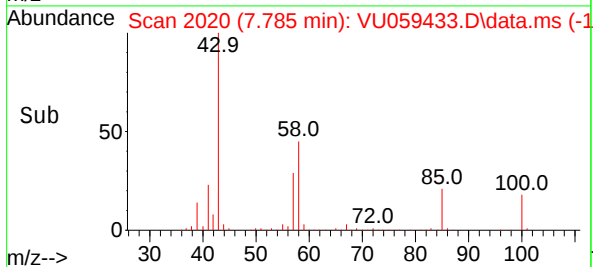
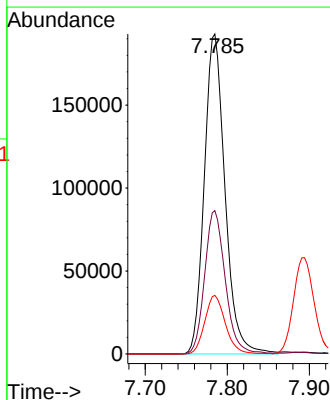
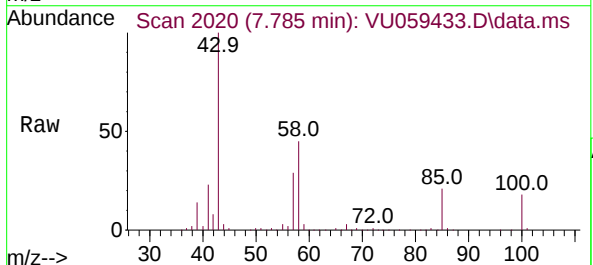
Instrument :
 MSVOA_U
 ClientSampleId :

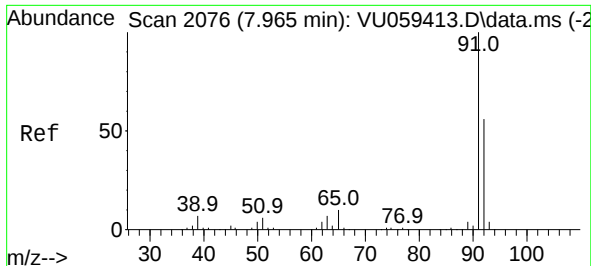
Tgt Ion: 75 Resp: 82302
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 58.759 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU059433.D
 Acq: 22 Jun 2024 01:48

Tgt Ion: 43 Resp: 337487
 Ion Ratio Lower Upper
 43 100
 58 44.7 34.0 51.0
 100 18.2 12.1 18.1#





#42

Toluene

Concen: 5.373 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

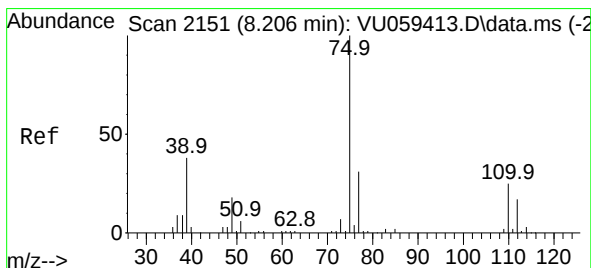
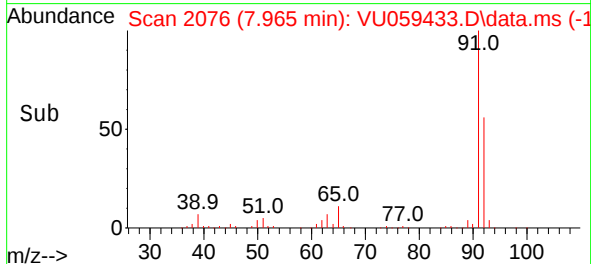
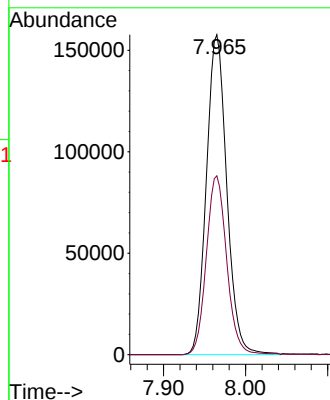
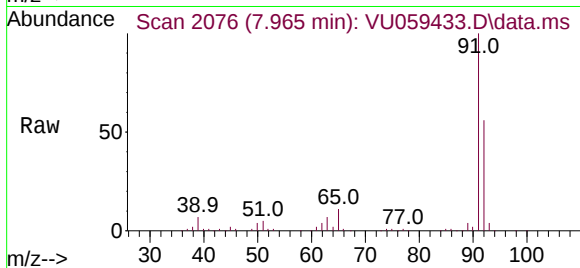
ClientSampleId :

Tgt Ion: 91 Resp: 272451

Ion Ratio Lower Upper

91 100

92 55.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.944 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059433.D

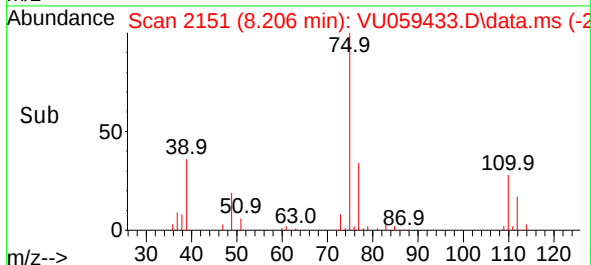
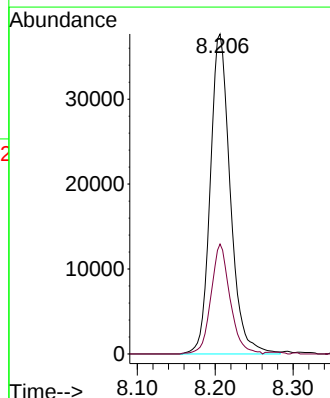
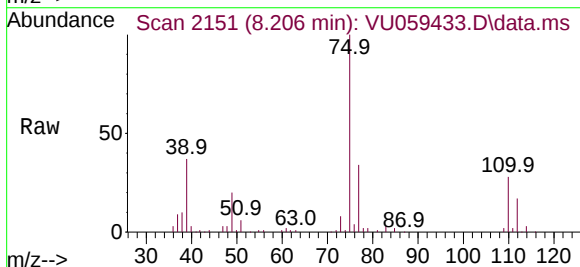
Acq: 22 Jun 2024 01:48

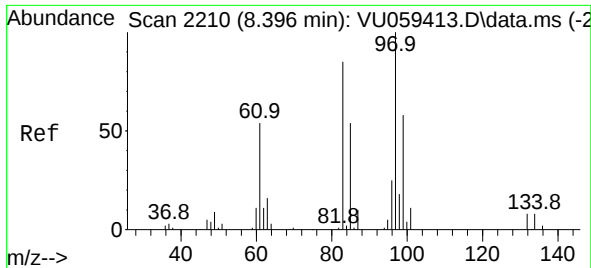
Tgt Ion: 75 Resp: 67269

Ion Ratio Lower Upper

75 100

77 34.3 22.0 41.0

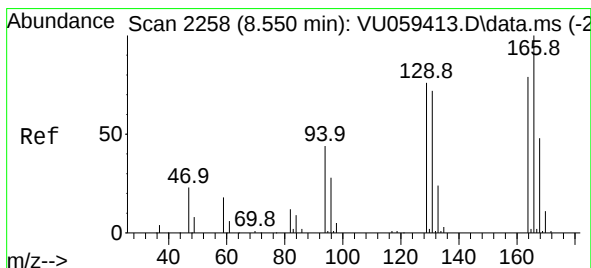
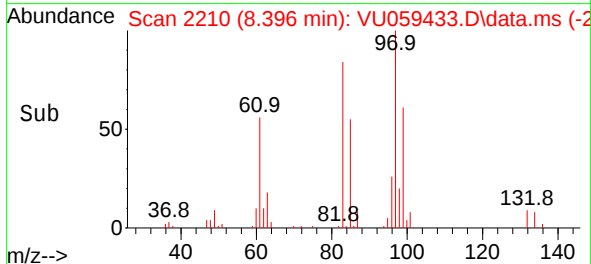
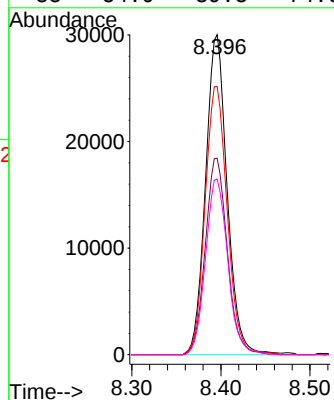
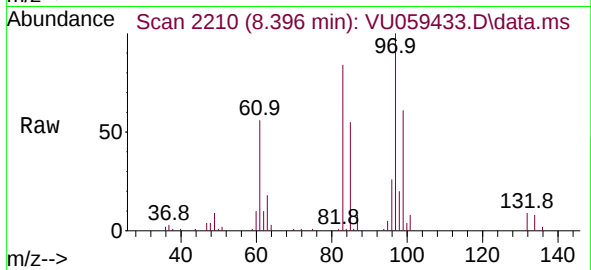




#45
1,1,2-Trichloroethane
Concen: 5.523 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

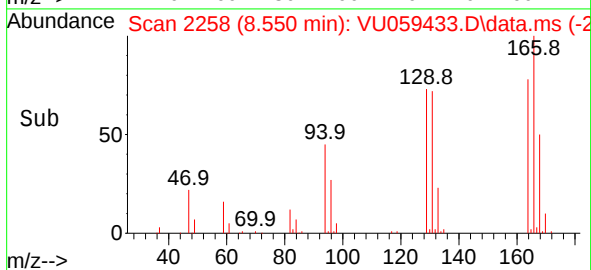
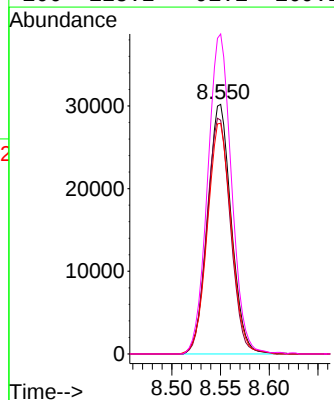
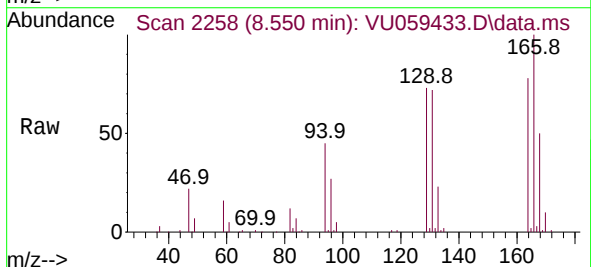
Instrument :
MSVOA_U
ClientSampleId :

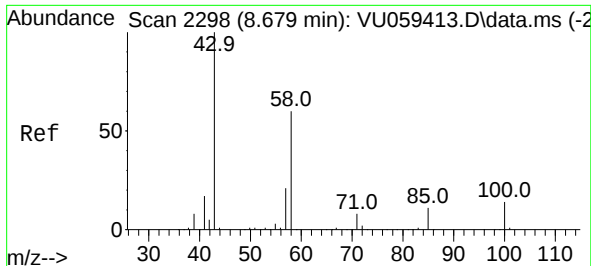
Tgt Ion:	97	Resp:	50448
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.3	80.3
83	83.8	62.3	115.7
85	54.9	39.8	74.0



#47
Tetrachloroethene
Concen: 5.062 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion:	164	Resp:	50948
Ion	Ratio	Lower	Upper
164	100		
129	93.6	70.8	131.4
131	92.3	64.8	120.3
166	128.2	91.1	169.1





#48

2-Hexanone

Concen: 61.590 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

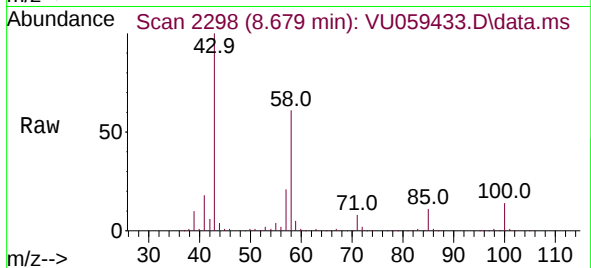
Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 252464

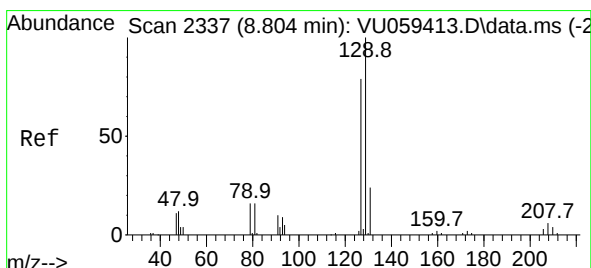
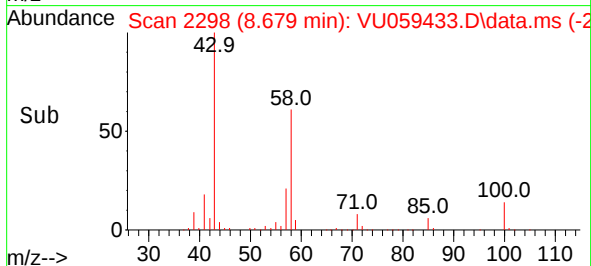
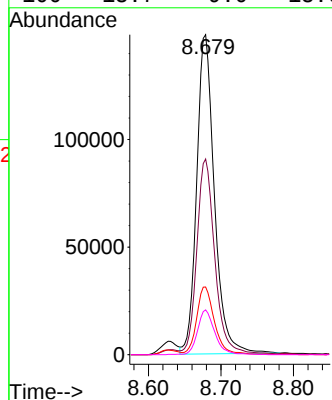
Ion Ratio Lower Upper

43 100

58 61.7 46.1 69.1

57 20.9 15.5 23.3

100 13.7 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.324 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU059433.D

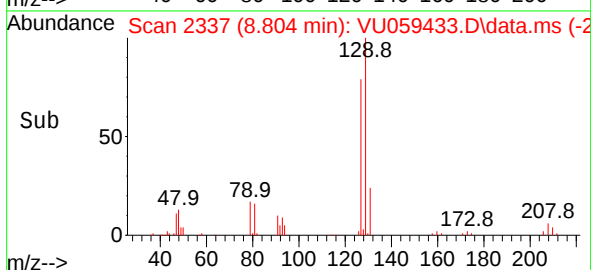
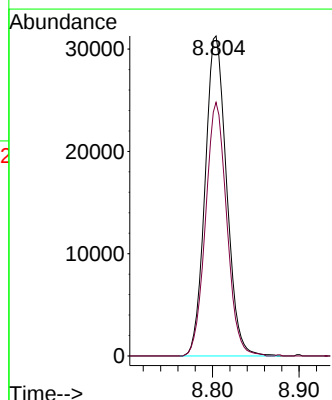
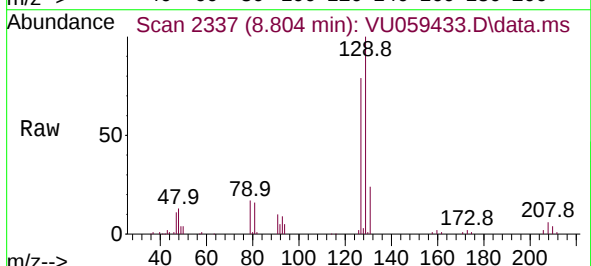
Acq: 22 Jun 2024 01:48

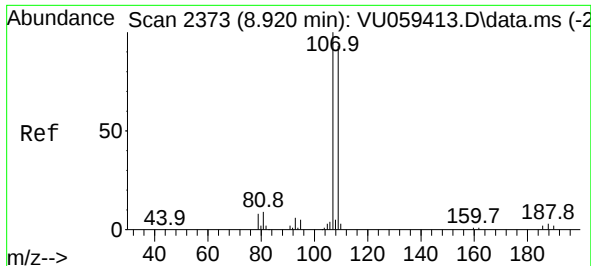
Tgt Ion: 129 Resp: 53865

Ion Ratio Lower Upper

129 100

127 79.3 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.626 ug/L

RT: 8.917 min Scan# 24

Delta R.T. -0.003 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :

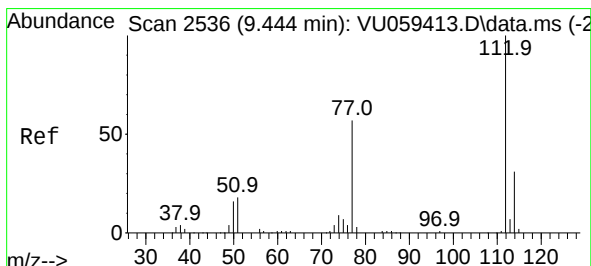
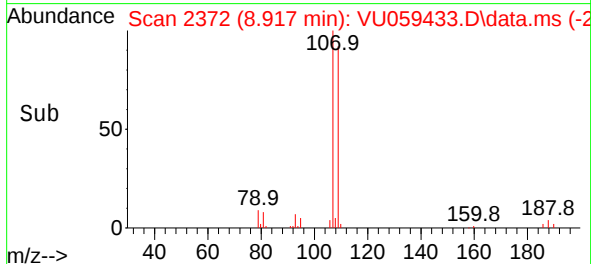
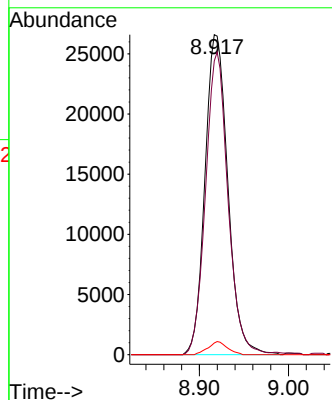
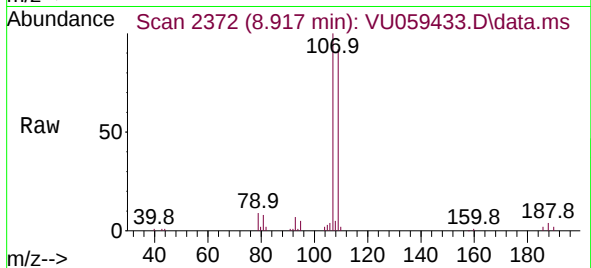
Tgt Ion:107 Resp: 47455

Ion Ratio Lower Upper

107 100

109 91.8 66.9 124.3

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 5.276 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

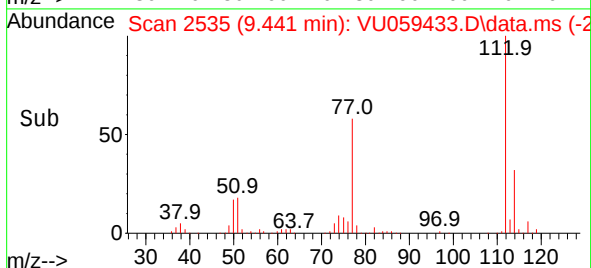
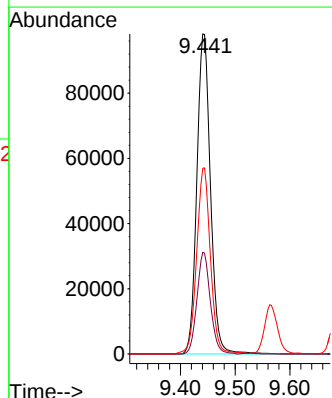
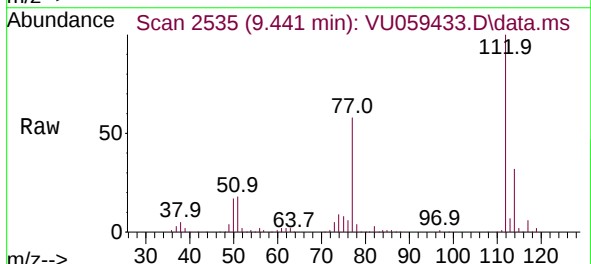
Tgt Ion:112 Resp: 169684

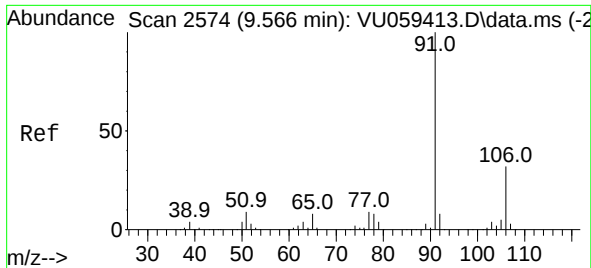
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 58.0 49.1 73.7

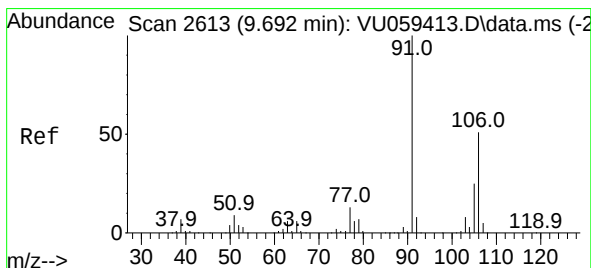
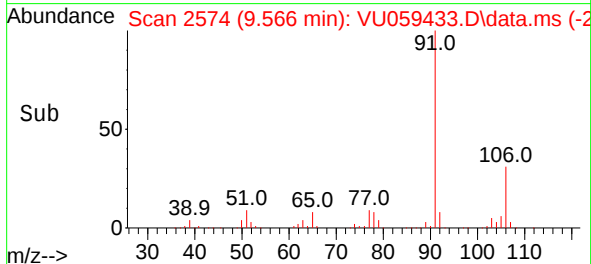
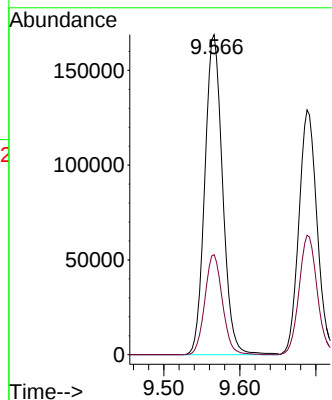
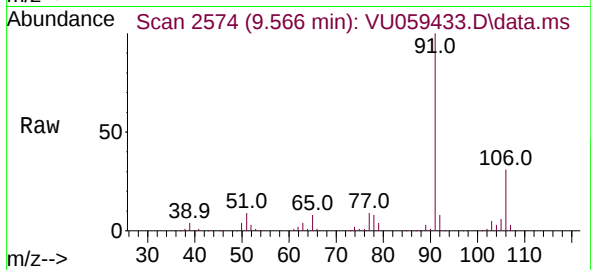




#52
Ethylbenzene
Concen: 5.264 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

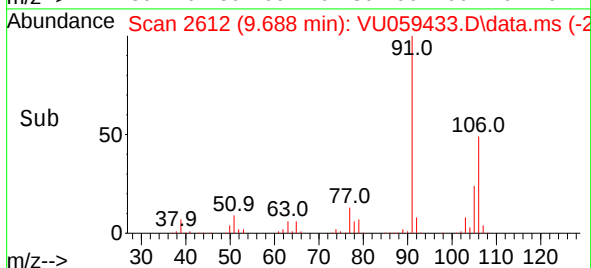
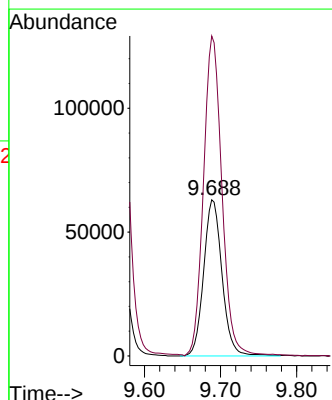
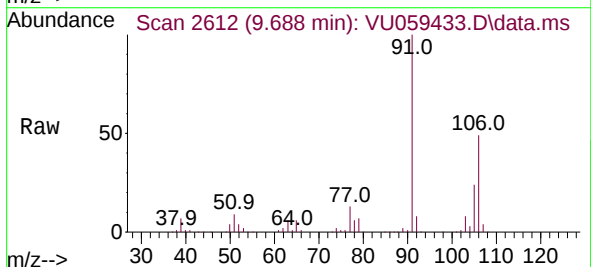
Instrument :
MSVOA_U
ClientSampleId :

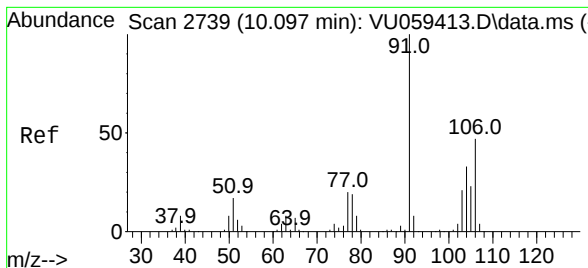
Tgt Ion: 91 Resp: 273844
Ion Ratio Lower Upper
91 100
106 31.3 20.9 38.7



#53
m,p-Xylene
Concen: 5.300 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU059433.D
Acq: 22 Jun 2024 01:48

Tgt Ion:106 Resp: 105884
Ion Ratio Lower Upper
106 100
91 204.9 142.0 263.8





#54

o-Xylene

Concen: 5.441 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

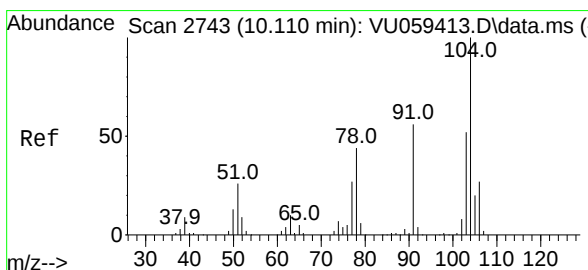
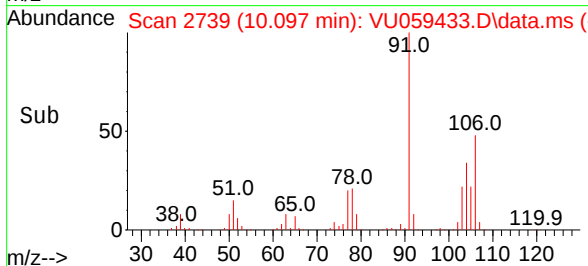
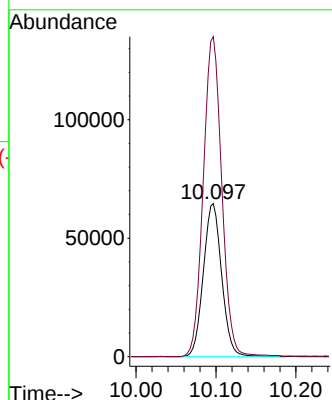
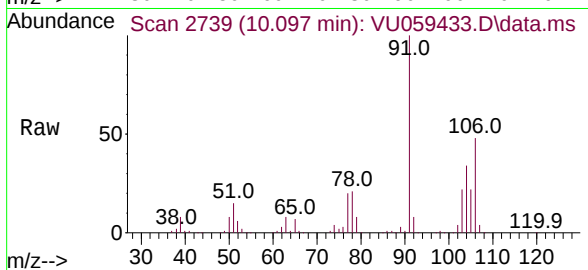
ClientSampleId :

Tgt Ion:106 Resp: 103155

Ion Ratio Lower Upper

106 100

91 209.0 151.6 281.6



#55

Styrene

Concen: 5.546 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059433.D

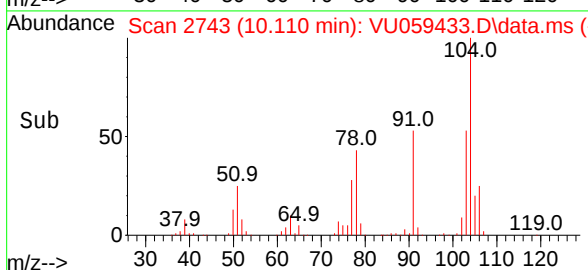
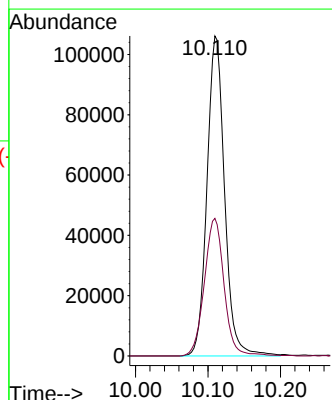
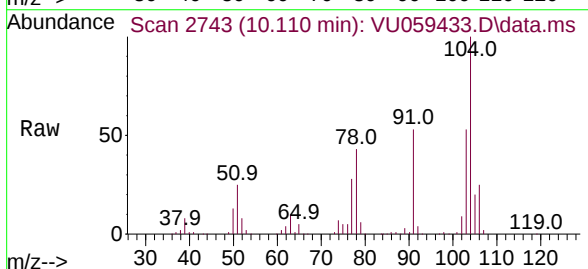
Acq: 22 Jun 2024 01:48

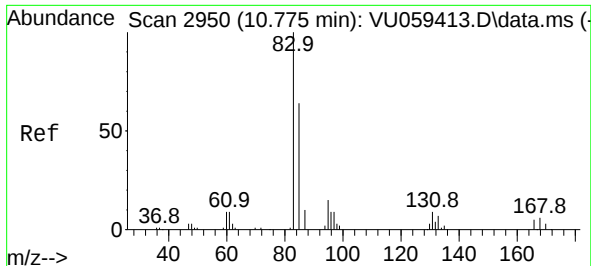
Tgt Ion:104 Resp: 179011

Ion Ratio Lower Upper

104 100

78 43.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.482 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :

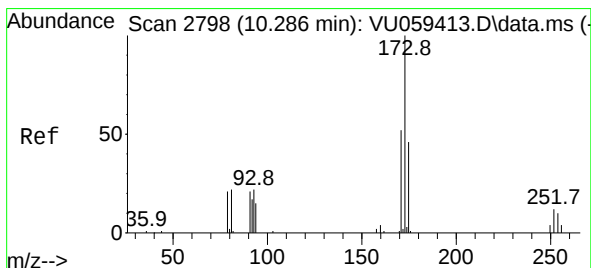
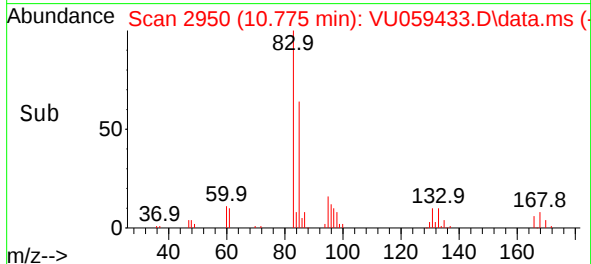
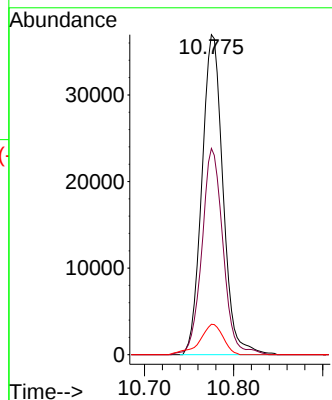
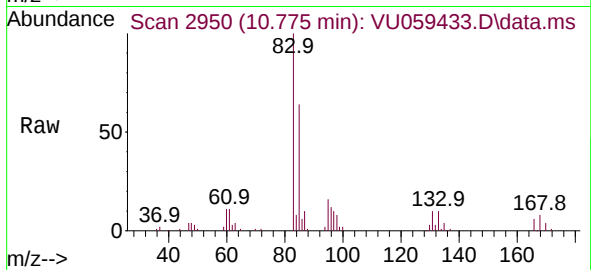
Tgt Ion: 83 Resp: 60748

Ion Ratio Lower Upper

83 100

85 64.5 44.7 82.9

131 9.5 6.9 10.3



#59

Bromoform

Concen: 5.262 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

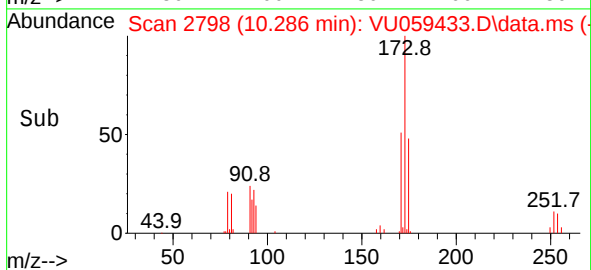
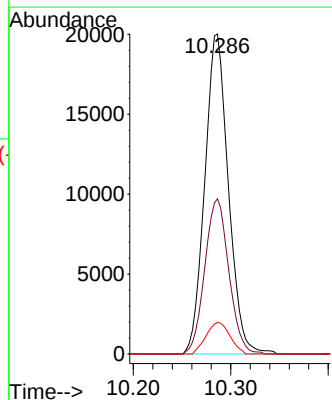
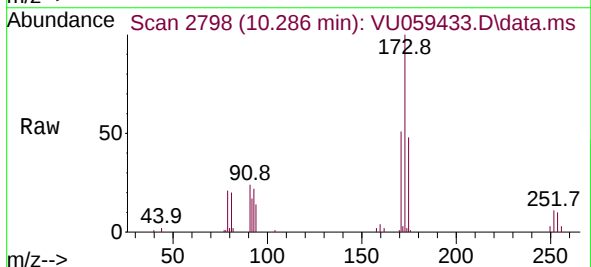
Tgt Ion:173 Resp: 33681

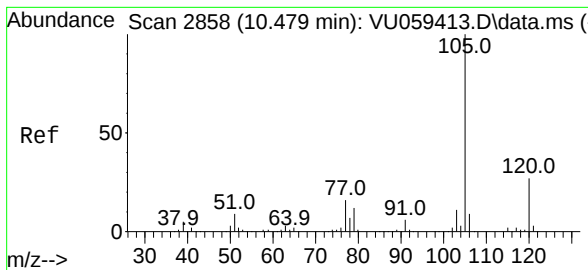
Ion Ratio Lower Upper

173 100

175 49.3 39.4 59.2

254 9.9 7.4 11.2





#60

Isopropylbenzene

Concen: 5.210 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU059433.D

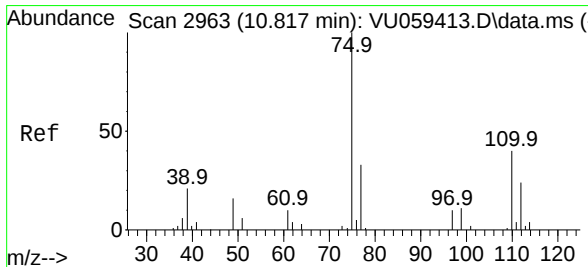
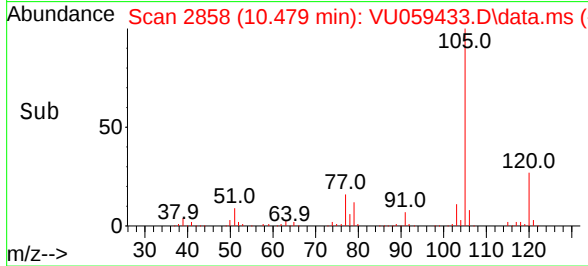
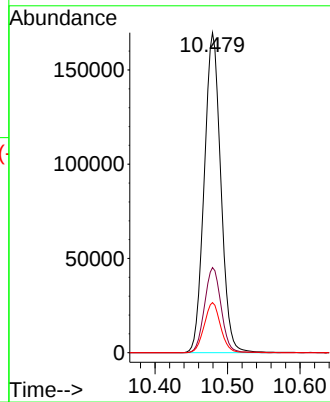
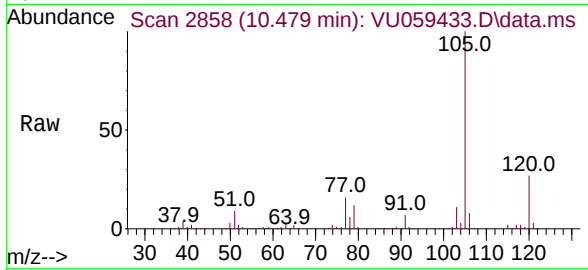
Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	269127
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: 5.644 ug/L

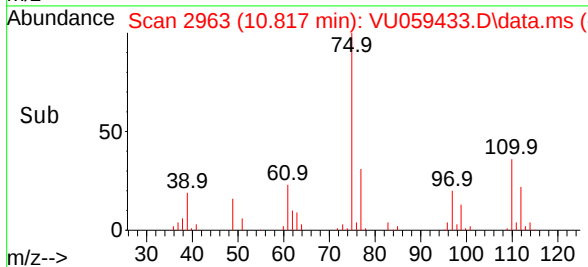
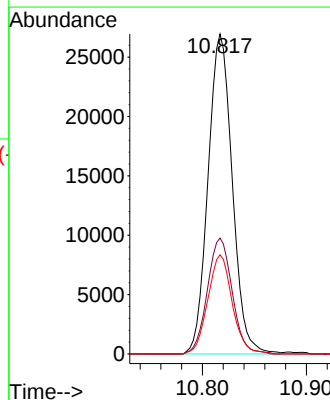
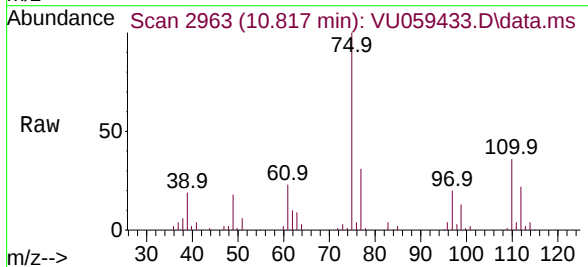
RT: 10.817 min Scan# 2963

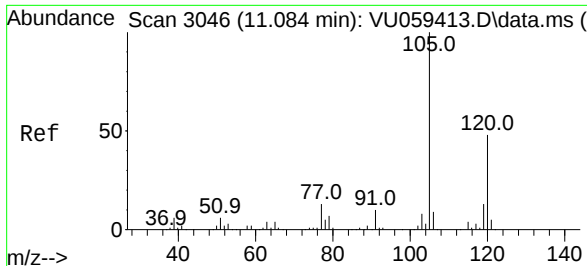
Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Tgt Ion:	75	Resp:	43621
Ion Ratio	Lower	Upper	
75	100		
110	37.0	27.1	40.7
77	31.2	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.056 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

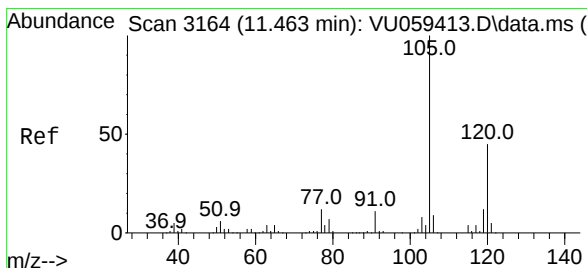
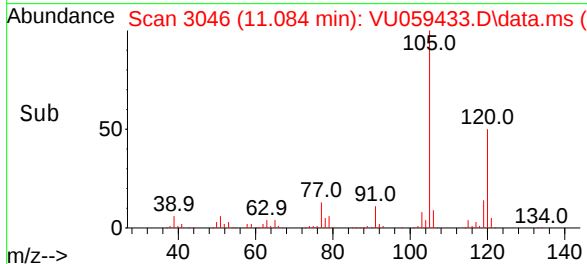
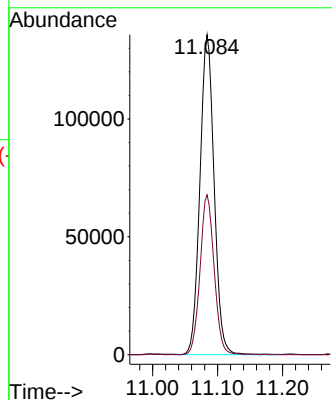
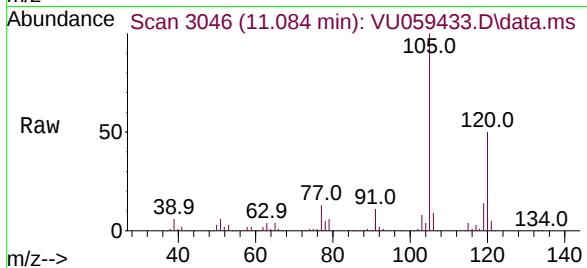
ClientSampleId :

Tgt Ion:105 Resp: 206921

Ion Ratio Lower Upper

105 100

120 49.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.246 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059433.D

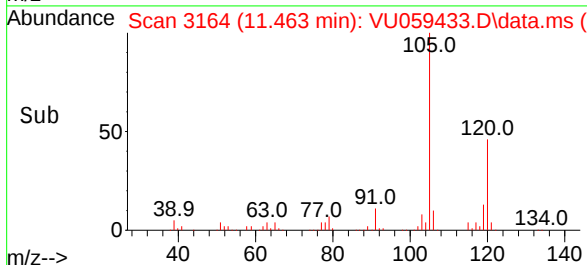
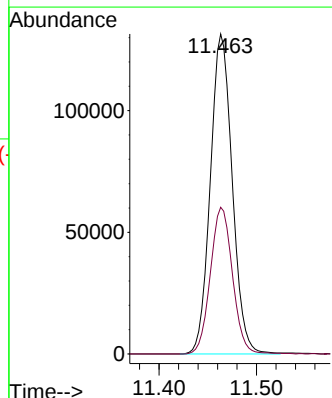
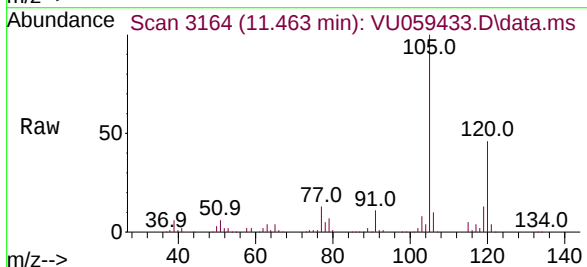
Acq: 22 Jun 2024 01:48

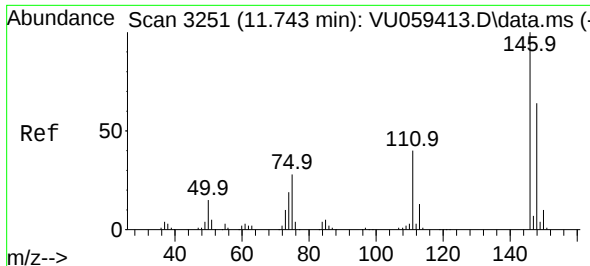
Tgt Ion:105 Resp: 205274

Ion Ratio Lower Upper

105 100

120 46.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.116 ug/L

RT: 11.740 min Scan# 3251

Delta R.T. -0.003 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :

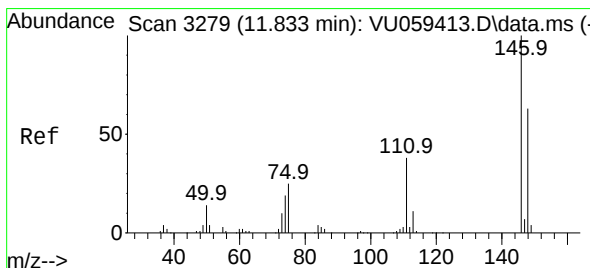
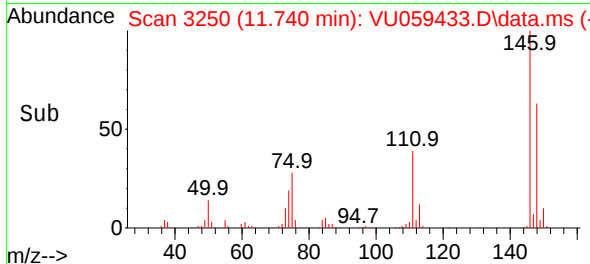
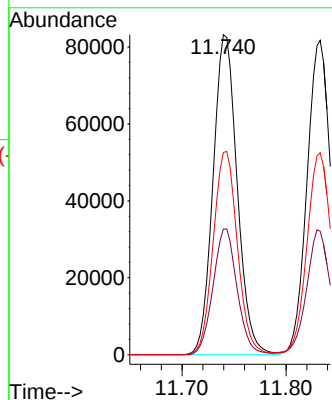
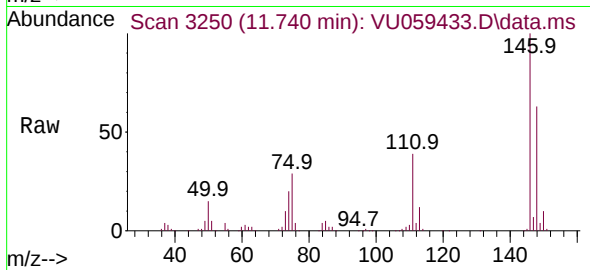
Tgt Ion:146 Resp: 134419

Ion Ratio Lower Upper

146 100

111 39.3 27.4 51.0

148 63.2 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.962 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

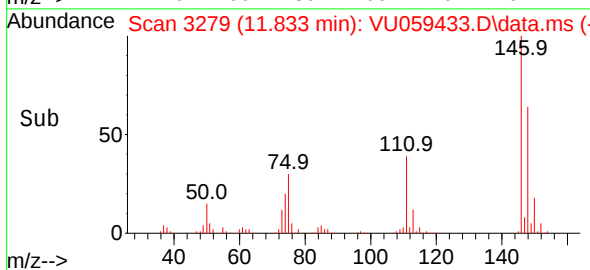
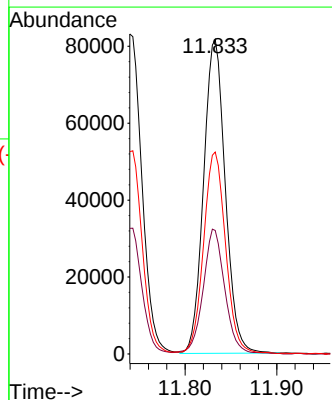
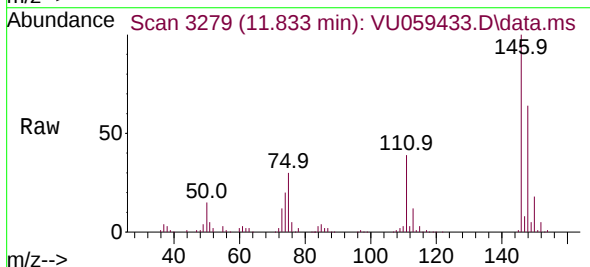
Tgt Ion:146 Resp: 134196

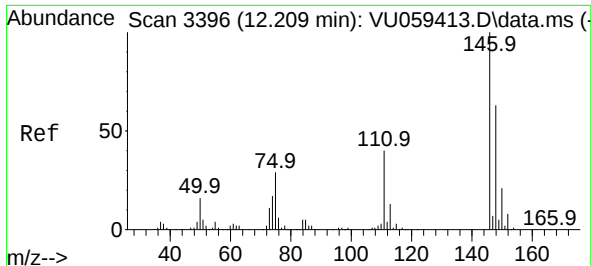
Ion Ratio Lower Upper

146 100

111 39.3 26.9 50.1

148 64.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.198 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :

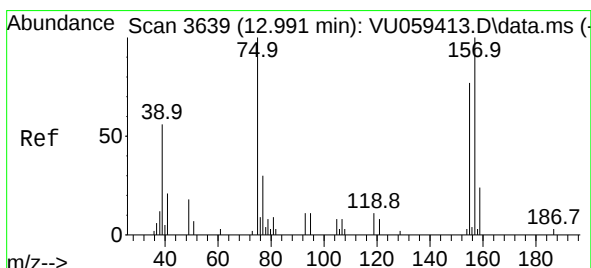
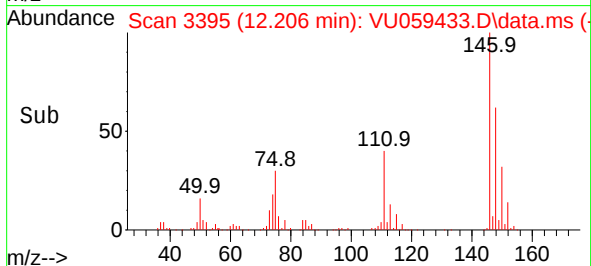
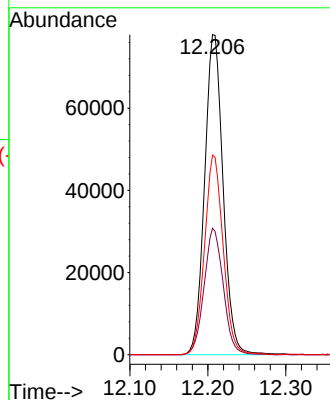
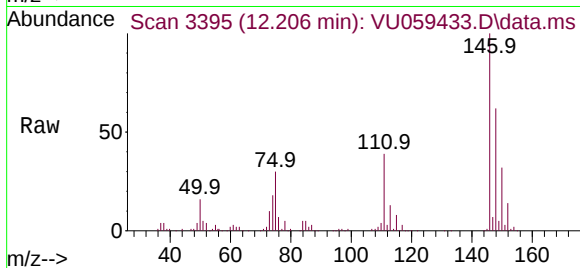
Tgt Ion:146 Resp: 128540

Ion Ratio Lower Upper

146 100

111 39.5 33.4 50.0

148 62.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.596 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

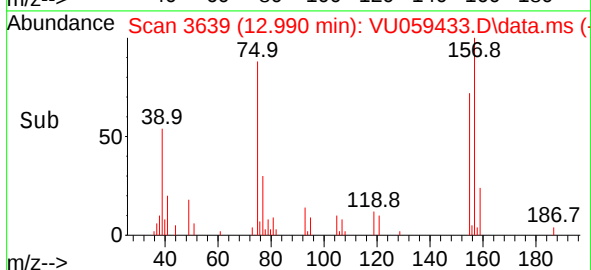
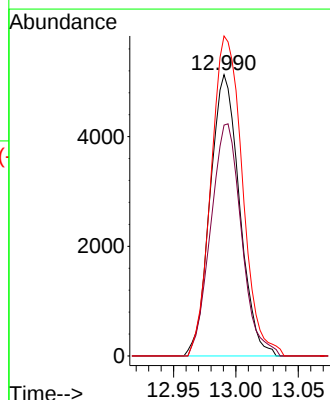
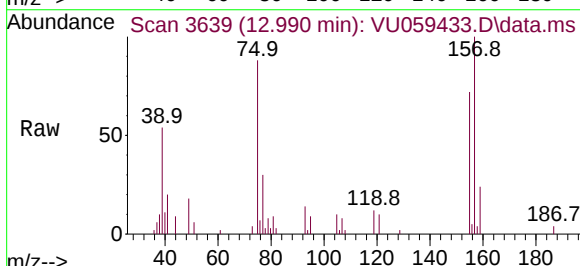
Tgt Ion: 75 Resp: 8436

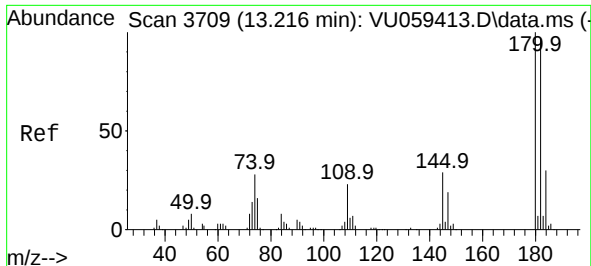
Ion Ratio Lower Upper

75 100

155 82.1 58.2 87.2

157 113.8 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.942 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

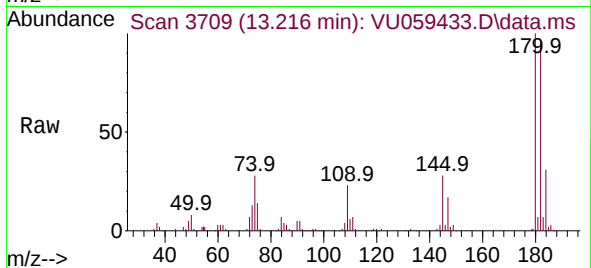
Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 96114

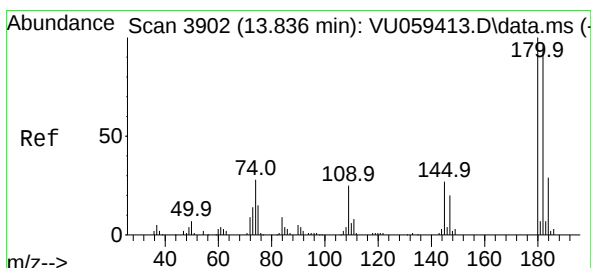
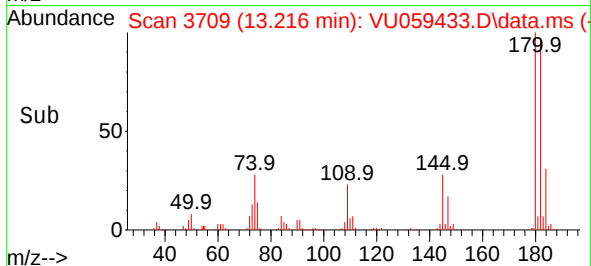
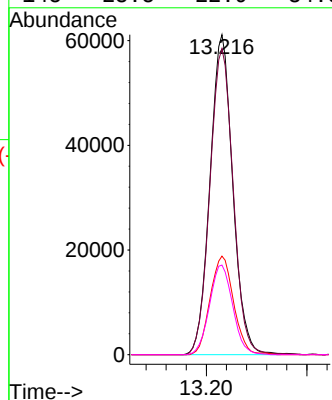
Ion Ratio Lower Upper

180 100

182 97.8 75.4 113.0

184 31.8 23.0 34.6

145 28.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.438 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

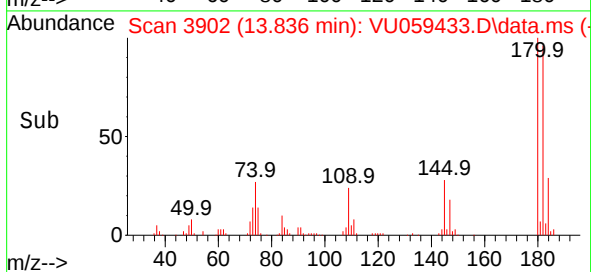
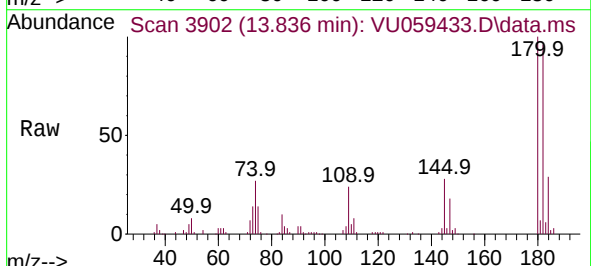
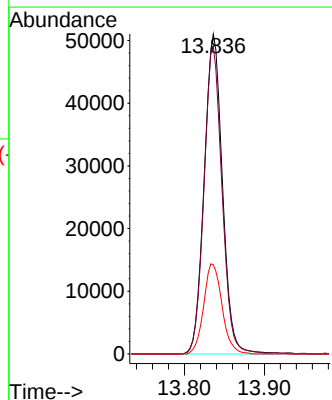
Tgt Ion:180 Resp: 81140

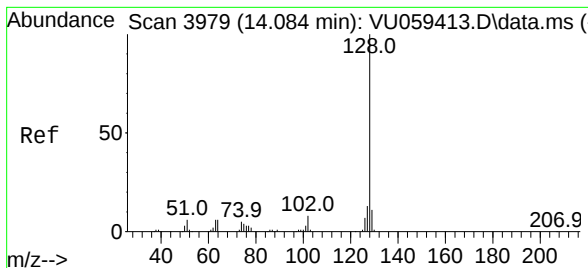
Ion Ratio Lower Upper

180 100

182 94.9 74.9 112.3

145 28.3 23.9 35.9





#71

Naphthalene

Concen: 6.234 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Instrument :

MSVOA_U

ClientSampleId :

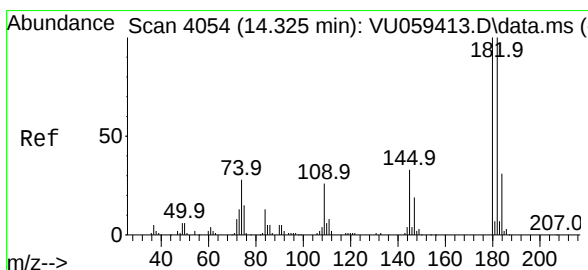
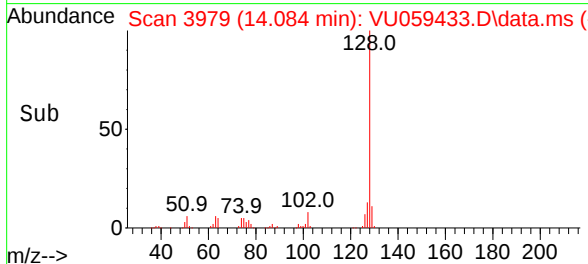
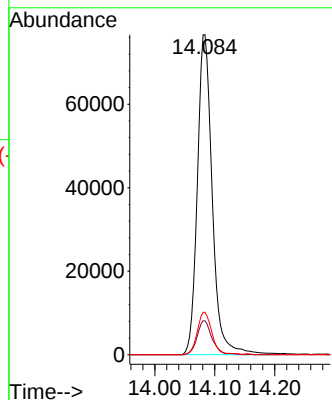
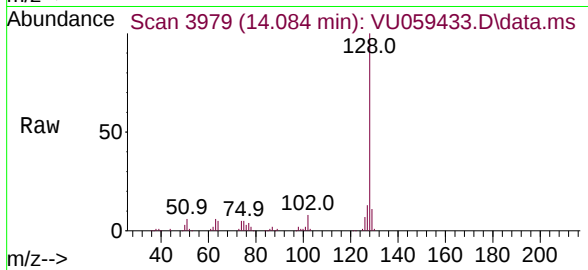
Tgt Ion:128 Resp: 133129

Ion Ratio Lower Upper

128 100

129 10.5 8.2 12.4

127 13.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.644 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059433.D

Acq: 22 Jun 2024 01:48

Tgt Ion:180 Resp: 78190

Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.6

145 30.7 26.2 39.4

