

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059669.D
 Acq On : 29 Jun 2024 10:32
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 30 22:39:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150746	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38380	3.662	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	41342	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.560	65	16670	3.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.621	46	106065	49.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.240%
24) Chloroform-d	5.055	84	96554	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.695	65	47855	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.721	84	191259	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.682	67	58896	4.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	186882	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.174	79	17999	4.437	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	92306	54.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52286	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	66499	4.608	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60027	4.699	ug/L	100
3) Chloromethane	1.515	50	64726	4.708	ug/L	100
5) Vinyl chloride	1.599	62	73424	4.835	ug/L	98
6) Bromomethane	1.853	94	46525	4.406	ug/L	98
8) Chloroethane	1.927	64	46486	5.080	ug/L	97
9) Trichlorofluoromethane	2.132	101	90924	4.974	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56618	4.892	ug/L	94
12) 1,1-Dichloroethene	2.573	96	51681	4.834	ug/L	85
13) Acetone	2.631	43	65383	46.681	ug/L	94
14) Carbon disulfide	2.788	76	167334	4.691	ug/L	100
15) Methyl Acetate	2.946	43	18180	4.919	ug/L #	89
16) Methylene chloride	3.039	84	64984	5.129	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	114472	4.969	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	56062	5.042	ug/L	87
19) 1,1-Dichloroethane	3.859	63	102530	5.001	ug/L	98
21) 2-Butanone	4.698	43	111350	49.565	ug/L	86
22) cis-1,2-Dichloroethene	4.656	96	61992	5.058	ug/L	92
23) Bromochloromethane	4.968	128	29887	5.349	ug/L	89
25) Chloroform	5.081	83	109054	5.050	ug/L	99

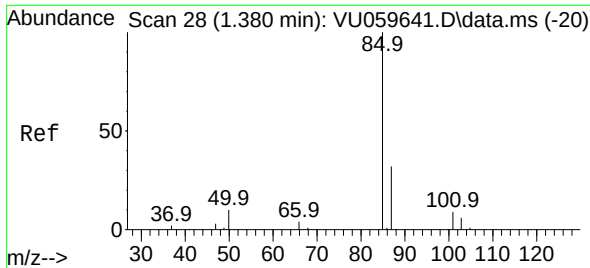
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	62842	4.802	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	87702	4.944	ug/L	98
30) Cyclohexane	5.380	56	74987	4.788	ug/L	92
31) Carbon tetrachloride	5.518	117	73844	4.972	ug/L	99
33) Benzene	5.766	78	241652	5.180	ug/L	100
34) Trichloroethene	6.537	95	62084	4.914	ug/L	95
35) Methylcyclohexane	6.756	83	84754	4.715	ug/L	94
37) 1,2-Dichloropropane	6.782	63	60979	5.051	ug/L #	98
38) Bromodichloromethane	7.097	83	76381	5.069	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	75544	4.576	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	280826	50.202	ug/L	95
42) Toluene	7.962	91	261579	5.296	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	64173	4.843	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	47264	5.313	ug/L	93
47) Tetrachloroethene	8.547	164	51193	5.222	ug/L	94
48) 2-Hexanone	8.679	43	205831	51.557	ug/L #	93
49) Dibromochloromethane	8.801	129	51333	5.209	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43021	5.237	ug/L	100
51) Chlorobenzene	9.441	112	161446	5.154	ug/L	96
52) Ethylbenzene	9.563	91	256261	5.058	ug/L	97
53) m,p-Xylene	9.688	106	101842	5.234	ug/L	95
54) o-Xylene	10.093	106	96148	5.207	ug/L	94
55) Styrene	10.110	104	168887	5.372	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	55867	5.177	ug/L	99
59) Bromoform	10.283	173	30976	4.992	ug/L #	99
60) Isopropylbenzene	10.476	105	253693	5.065	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37157	4.959	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	192387	4.849	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	187875	4.953	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	130924	5.140	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	132466	5.052	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	120929	5.045	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	7358	5.035	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.212	180	90579	4.804	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	69847	4.829	ug/L	97
71) Naphthalene	14.080	128	93944	4.538	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64389	4.794	ug/L	99

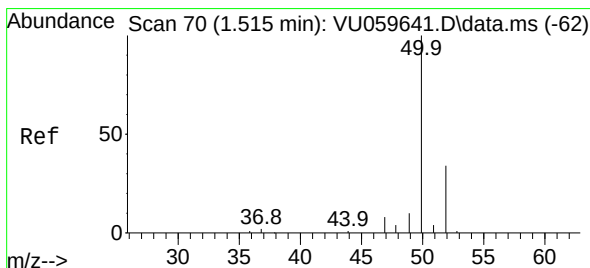
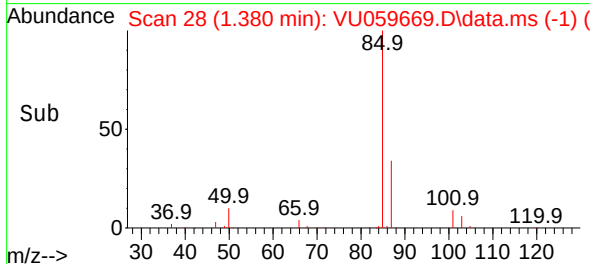
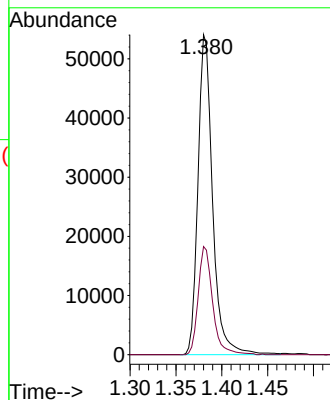
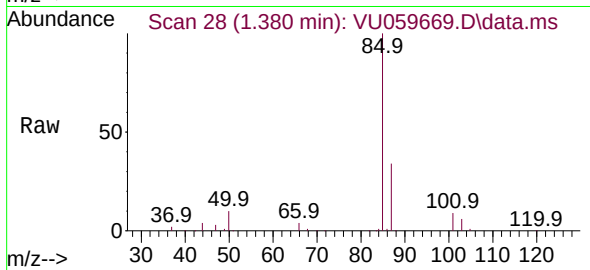
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.699 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

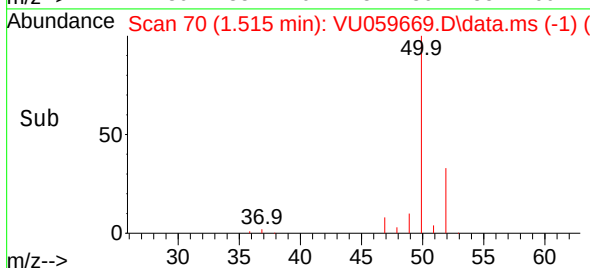
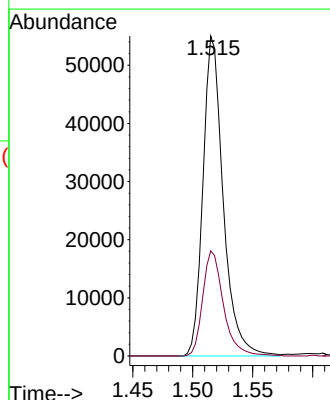
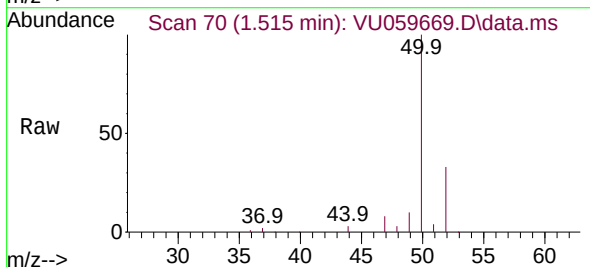
Instrument :
 MSVOA_U
 ClientSampleId :

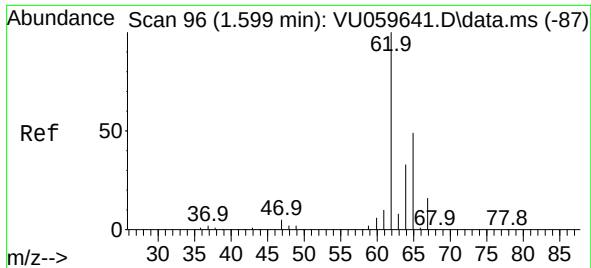
Tgt Ion: 85 Resp: 60027
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.6 40.0



#3
 Chloromethane
 Concen: 4.708 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

Tgt Ion: 50 Resp: 64726
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.0

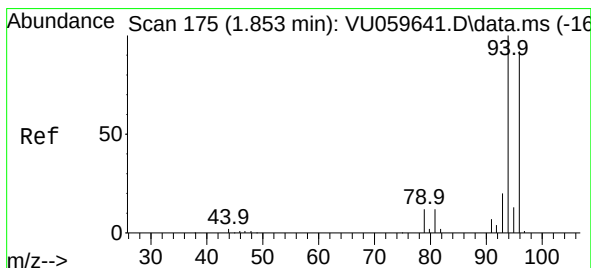
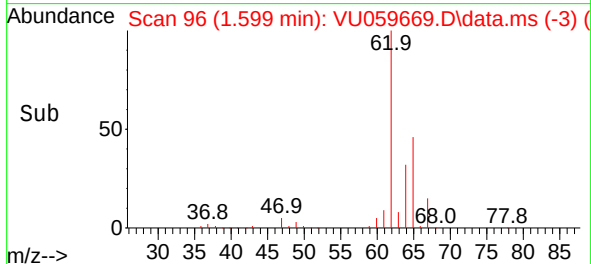
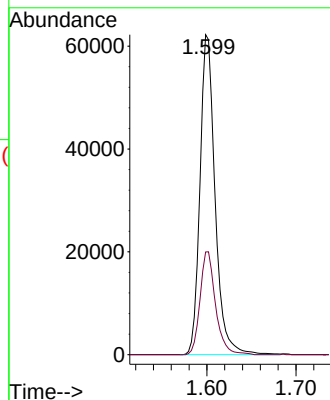
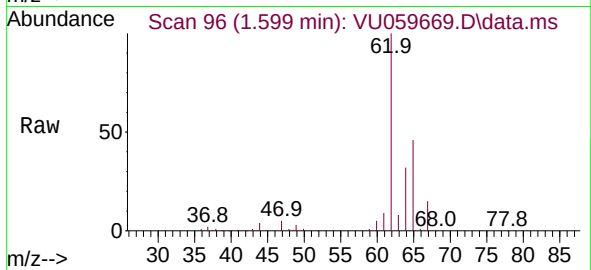




#5
 Vinyl chloride
 Concen: 4.835 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

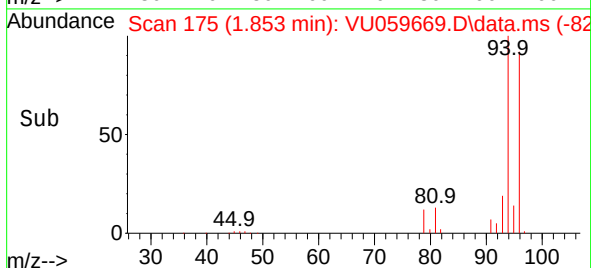
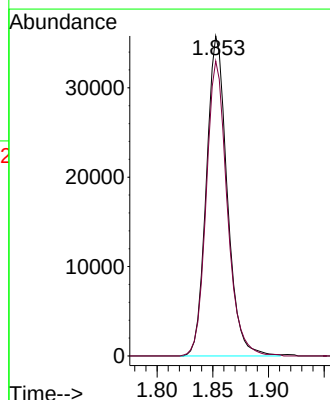
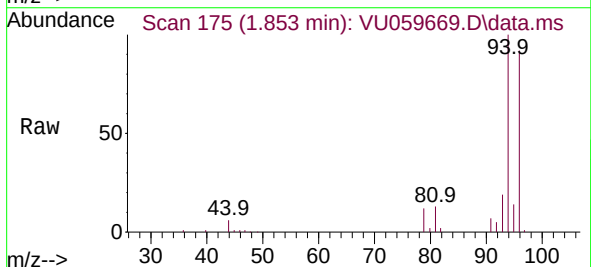
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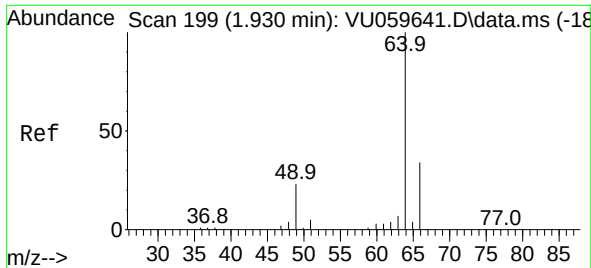
Tgt Ion: 62 Resp: 73424
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 4.406 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

Tgt Ion: 94 Resp: 46525
 Ion Ratio Lower Upper
 94 100
 96 92.2 62.9 116.9

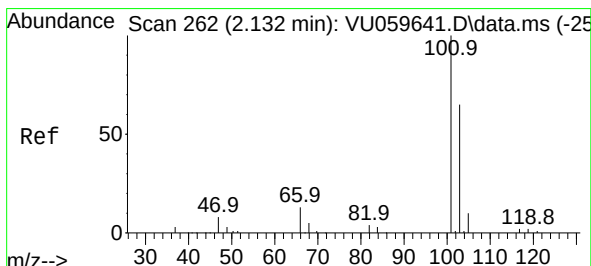
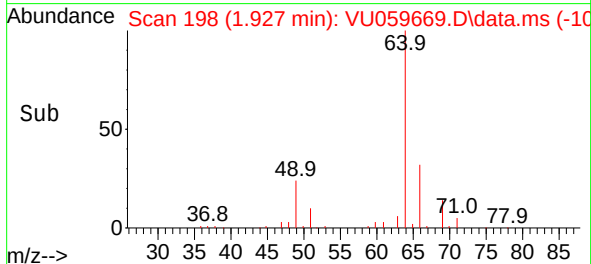
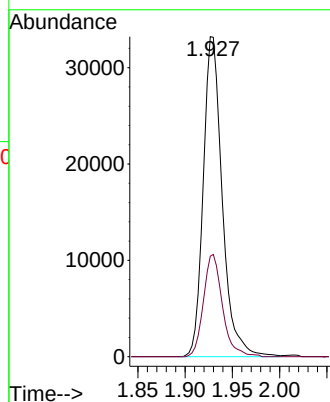
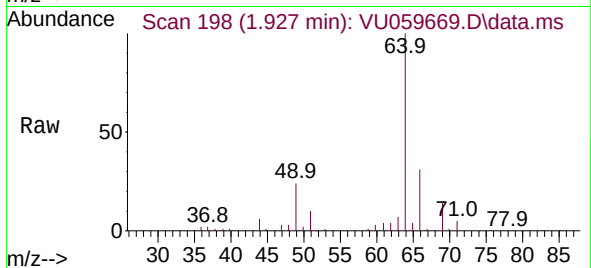




#8
Chloroethane
Concen: 5.080 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

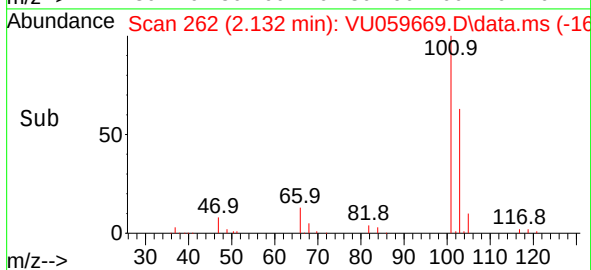
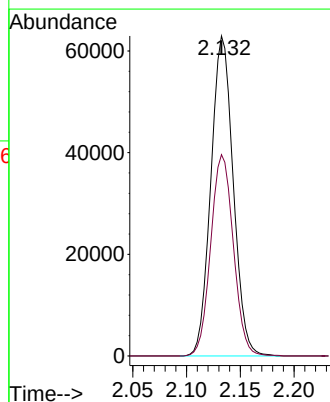
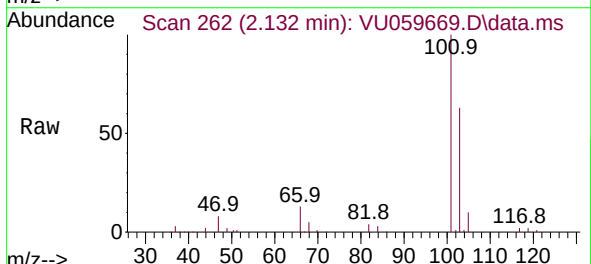
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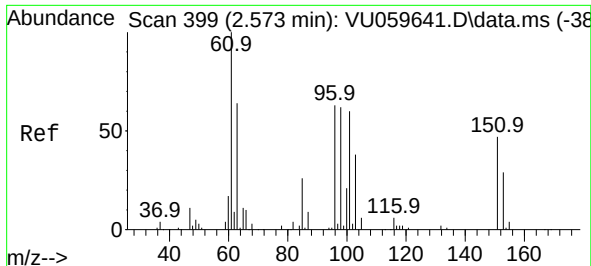
Tgt Ion: 64 Resp: 46486
Ion Ratio Lower Upper
64 100
66 31.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.974 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion:101 Resp: 90924
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0

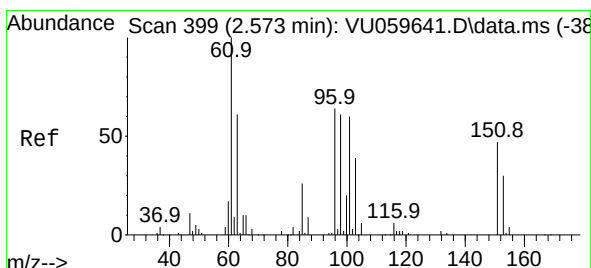
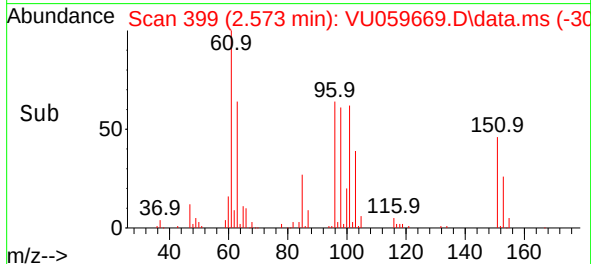
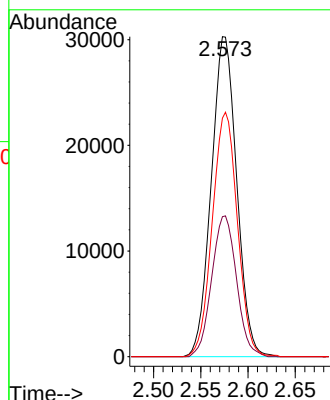
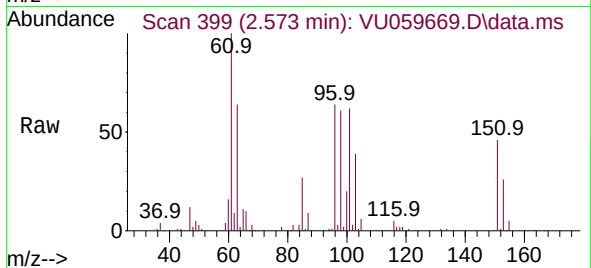




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.892 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

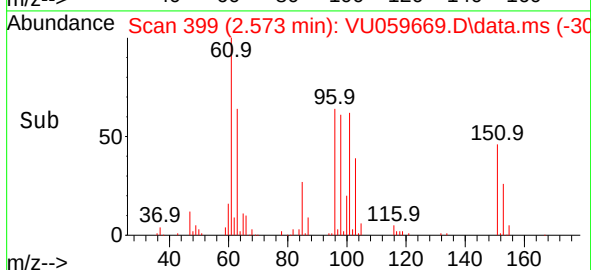
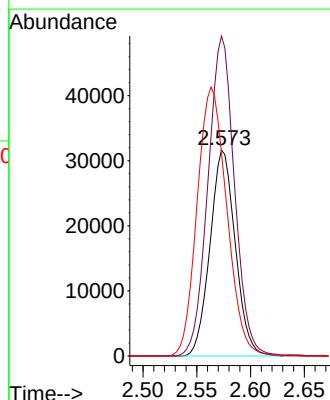
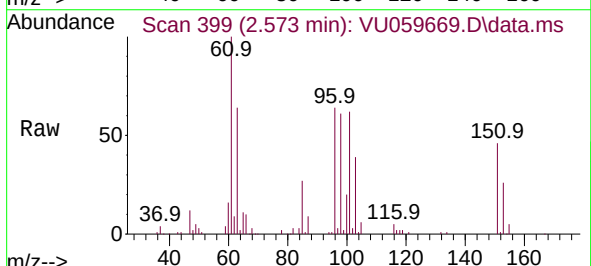
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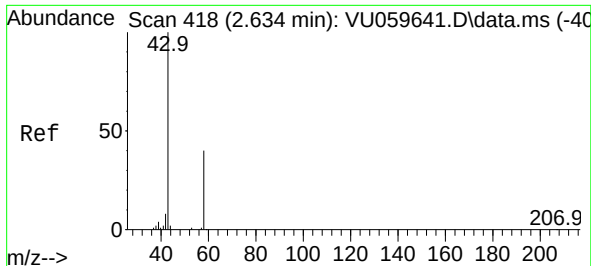
Tgt Ion:101 Resp: 56618
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.2 54.4
 151 75.5 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 4.834 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

Tgt Ion: 96 Resp: 51681
 Ion Ratio Lower Upper
 96 100
 61 155.4 122.9 228.3
 63 98.7 80.4 149.4





#13

Acetone

Concen: 46.681 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

Instrument :

MSVOA_U

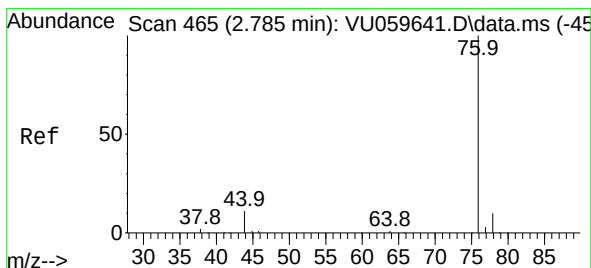
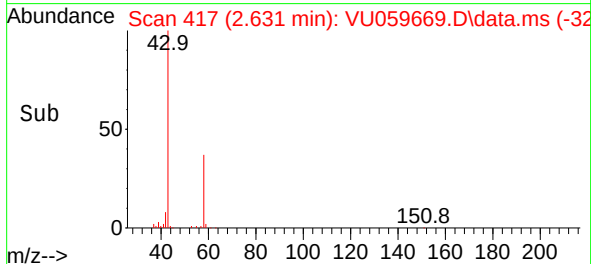
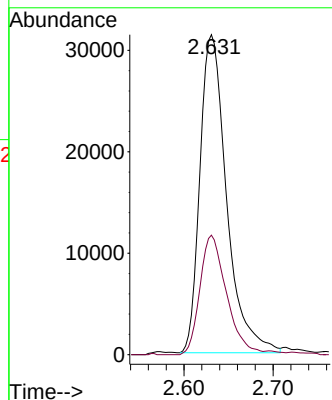
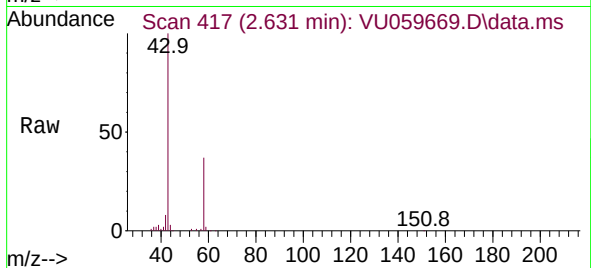
ClientSampleId :

Tgt Ion: 43 Resp: 65383

Ion Ratio Lower Upper

43 100

58 37.3 0.0 68.0



#14

Carbon disulfide

Concen: 4.691 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059669.D

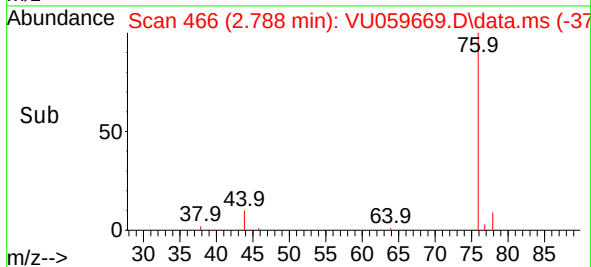
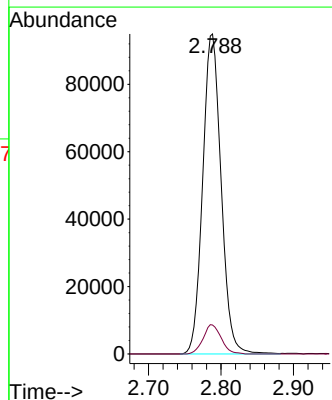
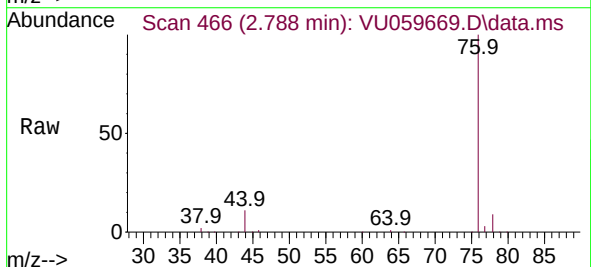
Acq: 29 Jun 2024 10:32

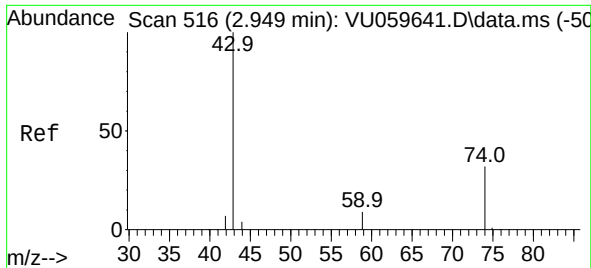
Tgt Ion: 76 Resp: 167334

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

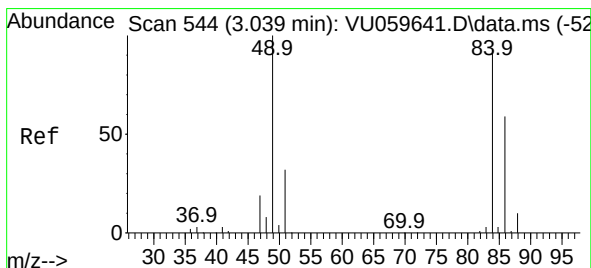
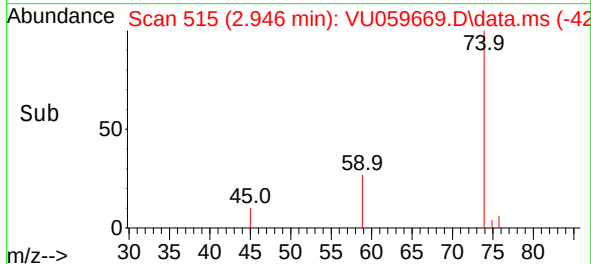
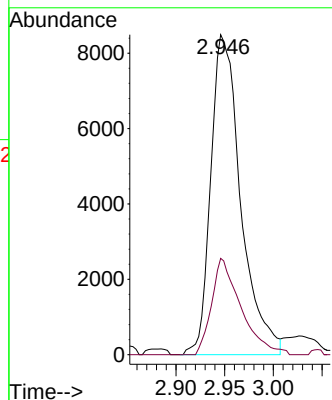
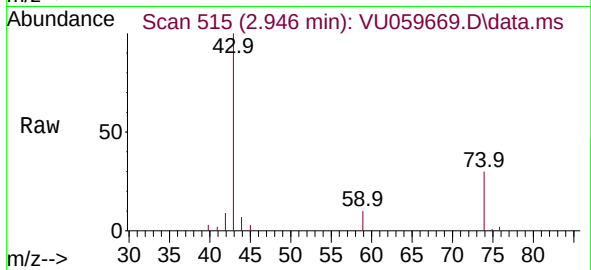




#15
Methyl Acetate
Concen: 4.919 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

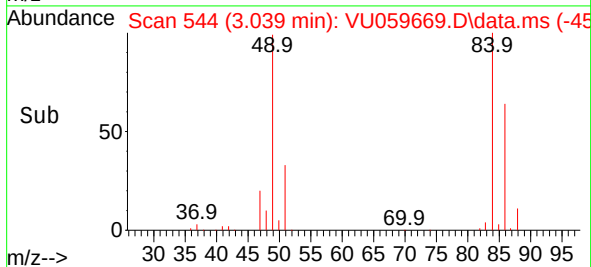
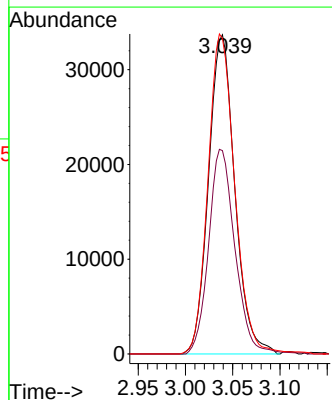
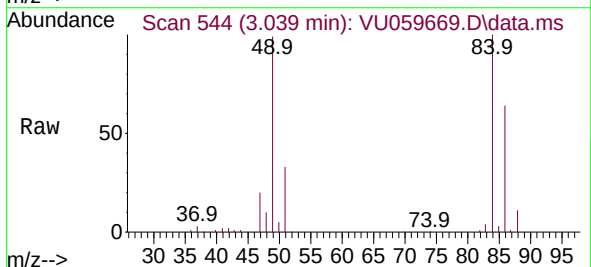
Instrument :
MSVOA_U
ClientSampleId :

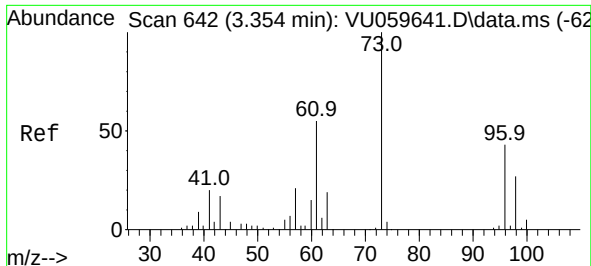
Tgt Ion: 43 Resp: 18180
Ion Ratio Lower Upper
43 100
74 29.4 19.2 28.8#



#16
Methylene chloride
Concen: 5.129 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion: 84 Resp: 64984
Ion Ratio Lower Upper
84 100
86 63.7 42.1 78.1
49 98.9 80.6 149.8

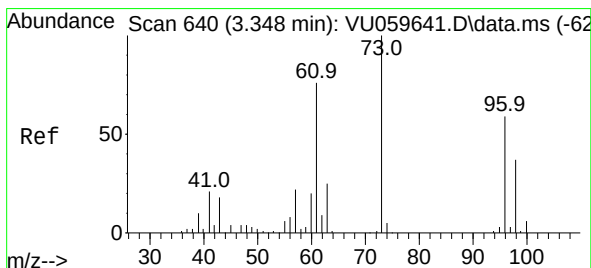
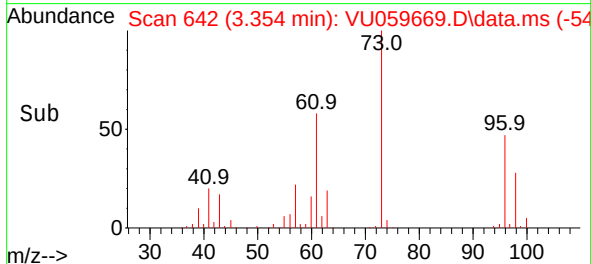
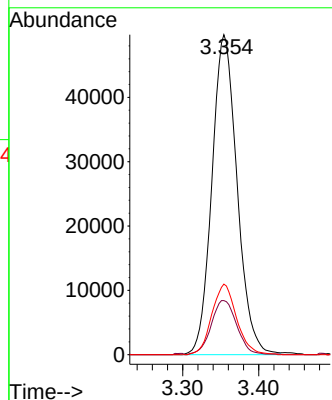
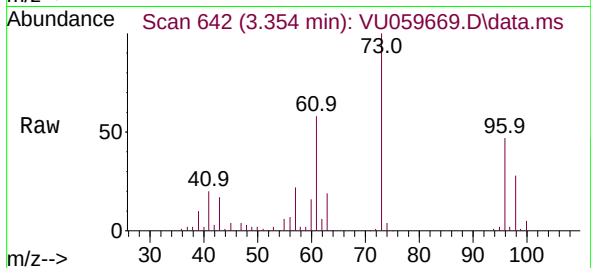




#17
Methyl tert-butyl Ether
Concen: 4.969 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

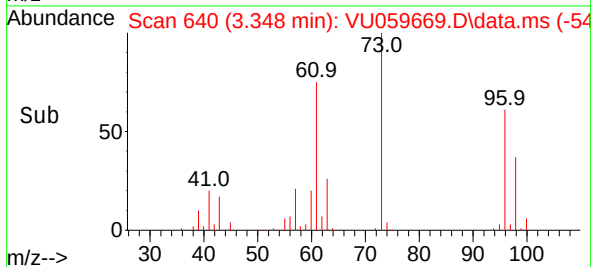
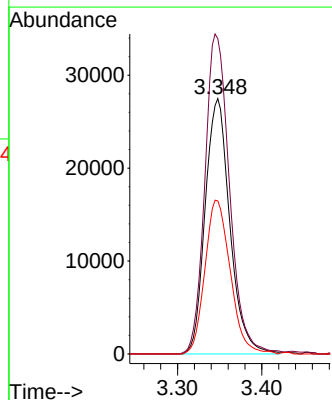
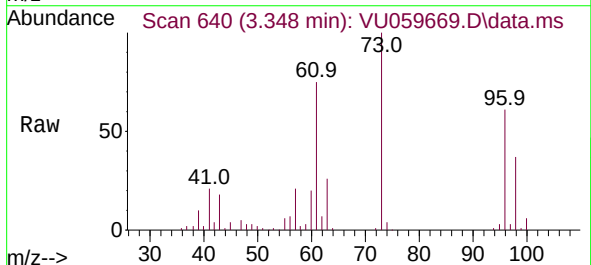
Instrument :
MSVOA_U
ClientSampleId :

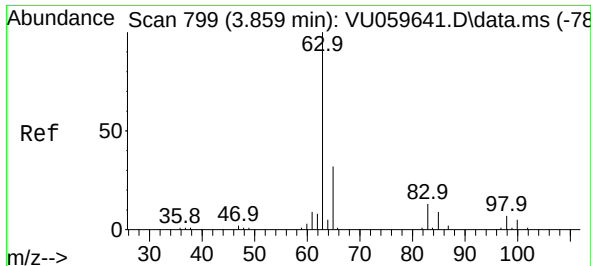
Tgt Ion: 73 Resp: 114472
Ion Ratio Lower Upper
73 100
43 17.1 14.9 22.3
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.042 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

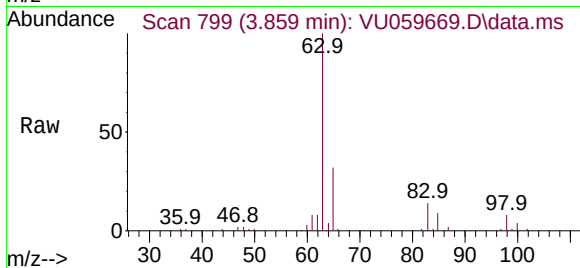
Tgt Ion: 96 Resp: 56062
Ion Ratio Lower Upper
96 100
61 123.5 101.8 189.0
98 60.0 43.3 80.5



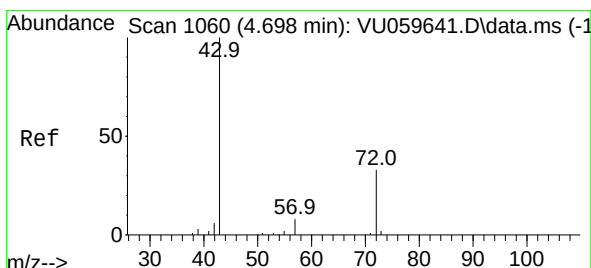
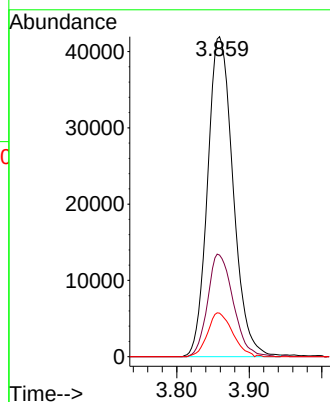
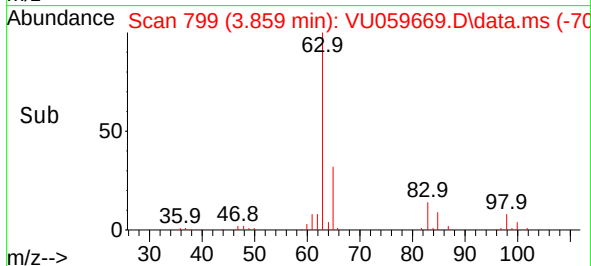


#19
1,1-Dichloroethane
Concen: 5.001 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Instrument :
MSVOA_U
ClientSampleId :

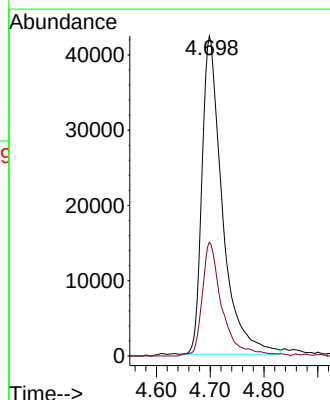
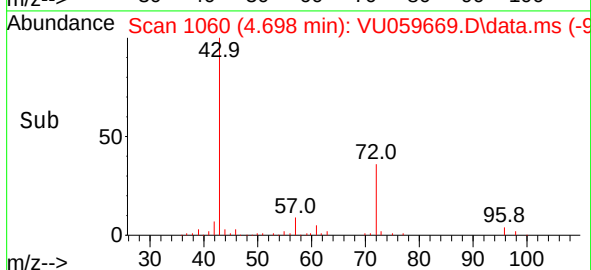
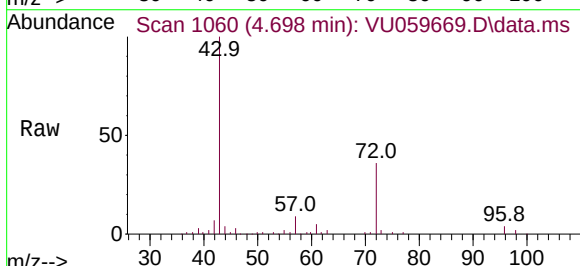


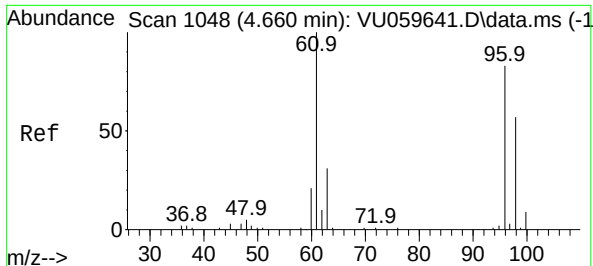
Tgt Ion: 63 Resp: 102530
Ion Ratio Lower Upper
63 100
65 32.4 21.8 40.6
83 13.6 9.9 18.5



#21
2-Butanone
Concen: 49.565 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion: 43 Resp: 111350
Ion Ratio Lower Upper
43 100
72 34.8 13.8 41.4

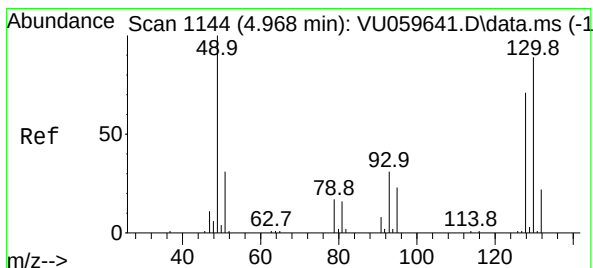
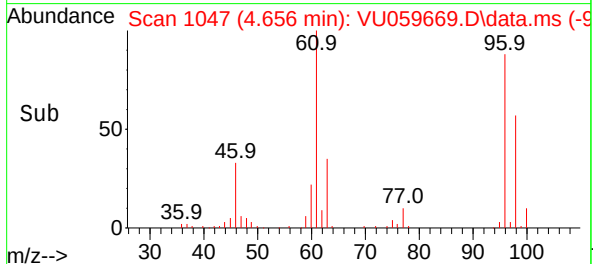
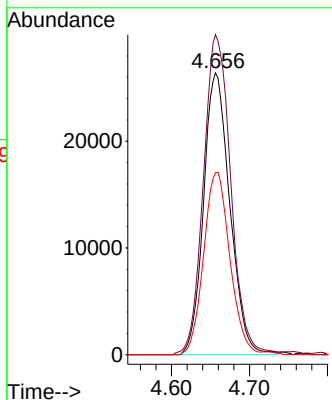
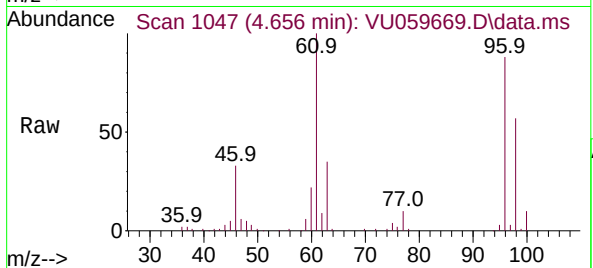




#22
cis-1,2-Dichloroethene
Concen: 5.058 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

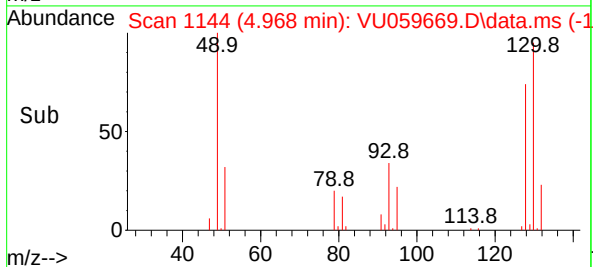
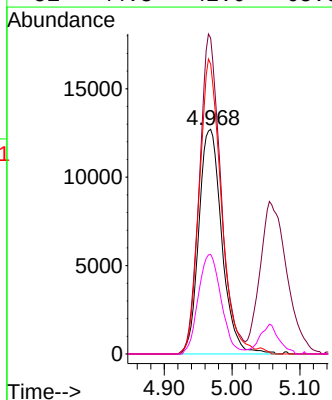
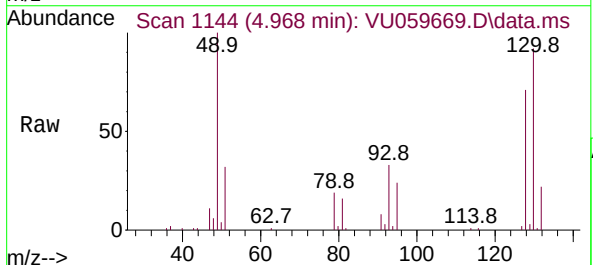
Instrument :
MSVOA_U
ClientSampleId :

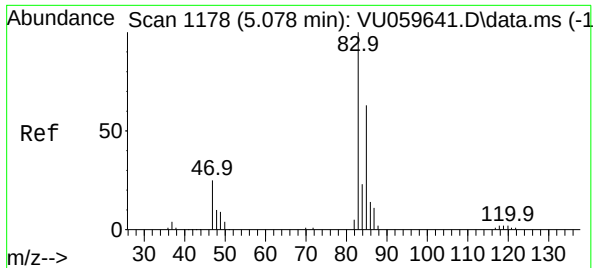
Tgt Ion: 96 Resp: 61992
Ion Ratio Lower Upper
96 100
61 113.6 87.4 162.2
98 64.6 42.3 78.5



#23
Bromochloromethane
Concen: 5.349 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion:128 Resp: 29887
Ion Ratio Lower Upper
128 100
49 140.6 117.0 217.4
130 129.0 89.6 166.4
51 44.3 42.0 63.0





#25

Chloroform

Concen: 5.050 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

Instrument :

MSVOA_U

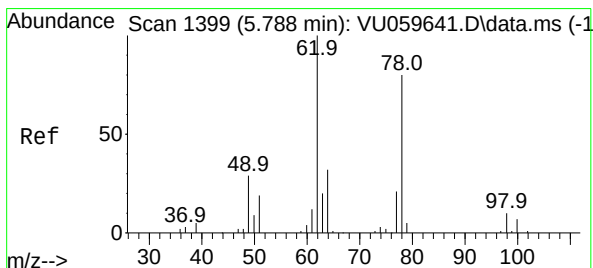
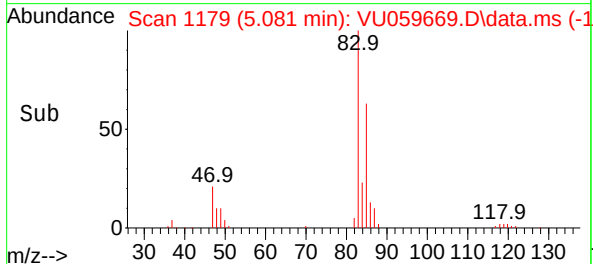
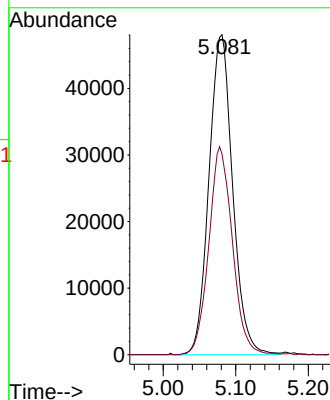
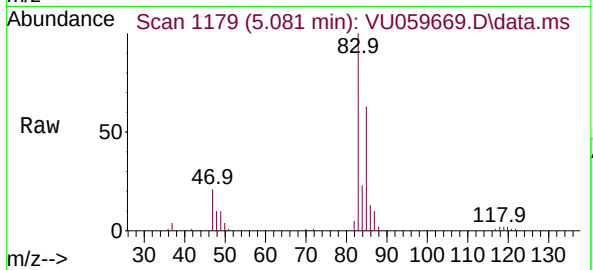
ClientSampleId :

Tgt Ion: 83 Resp: 109054

Ion Ratio Lower Upper

83 100

85 62.7 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.802 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU059669.D

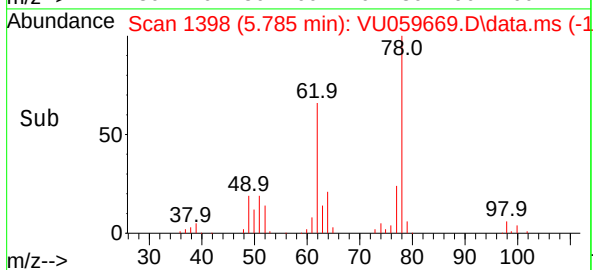
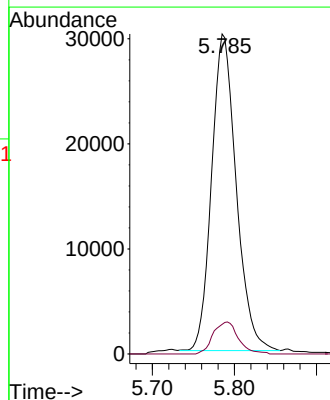
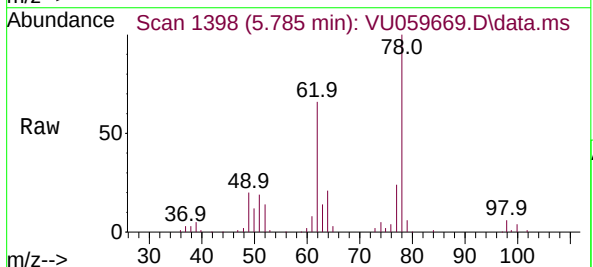
Acq: 29 Jun 2024 10:32

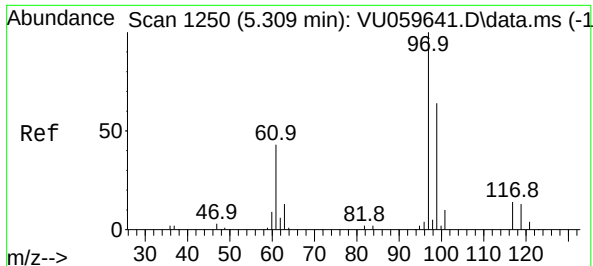
Tgt Ion: 62 Resp: 62842

Ion Ratio Lower Upper

62 100

98 9.3 7.5 11.3

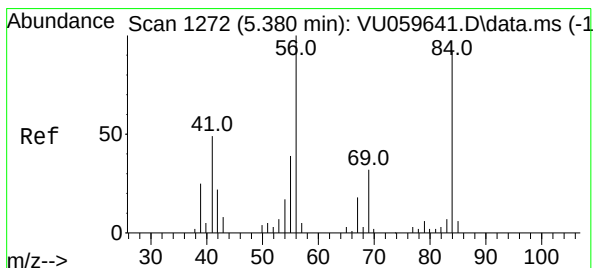
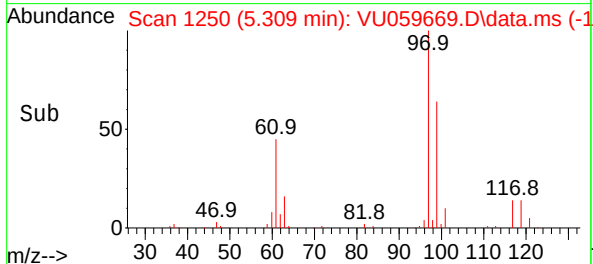
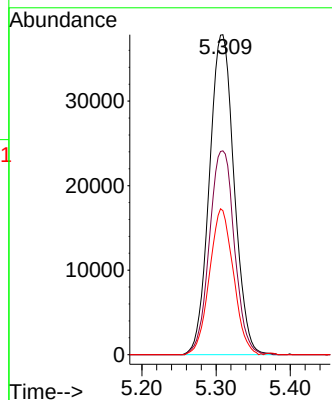
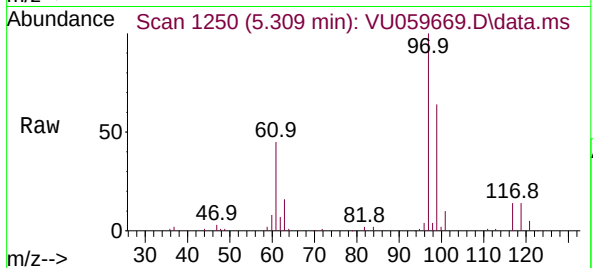




#29
1,1,1-Trichloroethane
Concen: 4.944 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

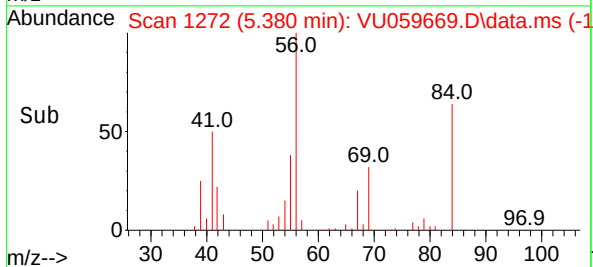
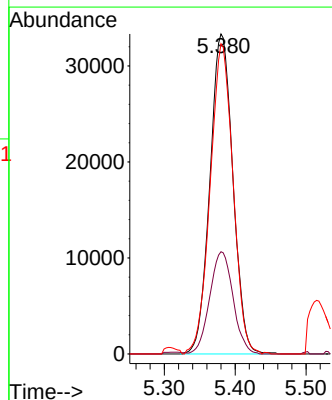
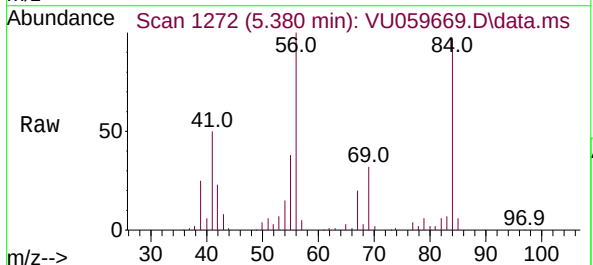
Instrument :
MSVOA_U
ClientSampleId :

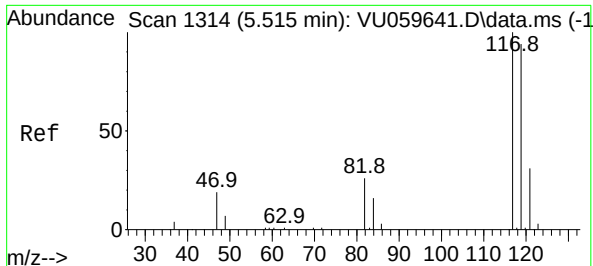
Tgt Ion: 97 Resp: 87702
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 44.1 37.4 56.2



#30
Cyclohexane
Concen: 4.788 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion: 56 Resp: 74987
Ion Ratio Lower Upper
56 100
69 32.5 24.8 37.2
84 96.3 69.8 104.8

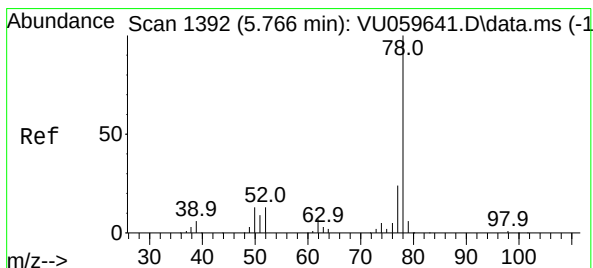
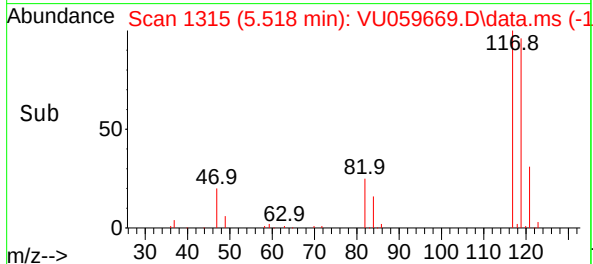
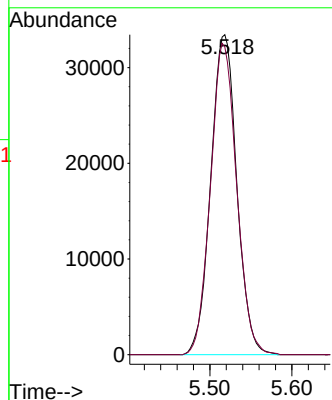
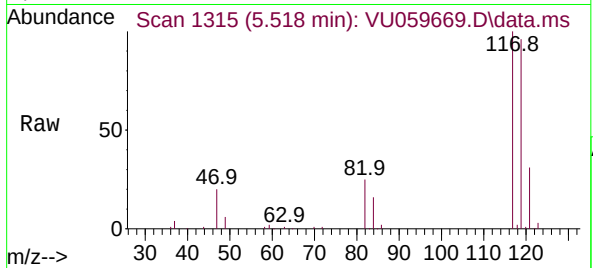




#31
Carbon tetrachloride
Concen: 4.972 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

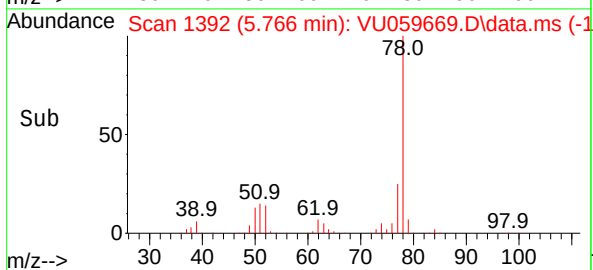
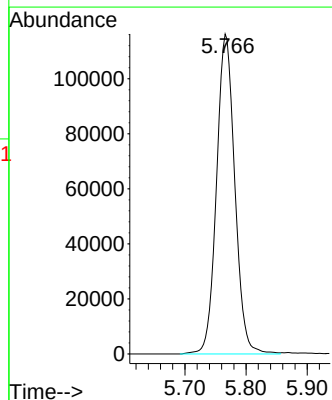
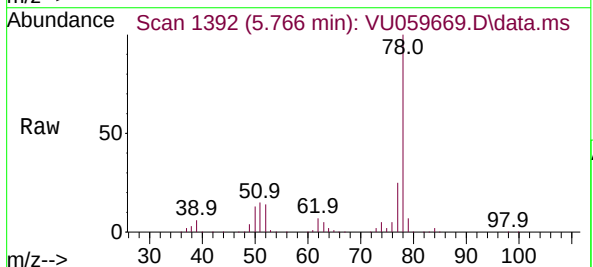
Instrument :
MSVOA_U
ClientSampleId :

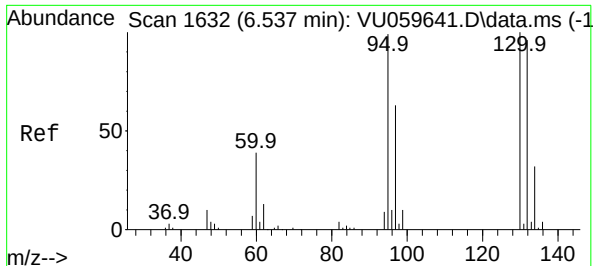
Tgt Ion:117 Resp: 73844
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#33
Benzene
Concen: 5.180 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

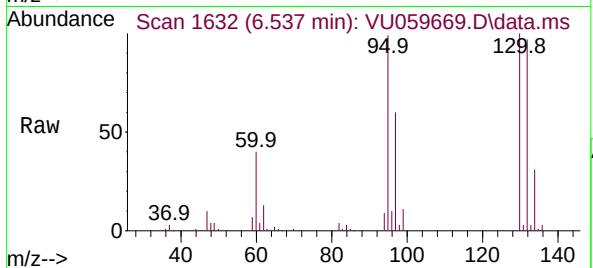
Tgt Ion: 78 Resp: 241652



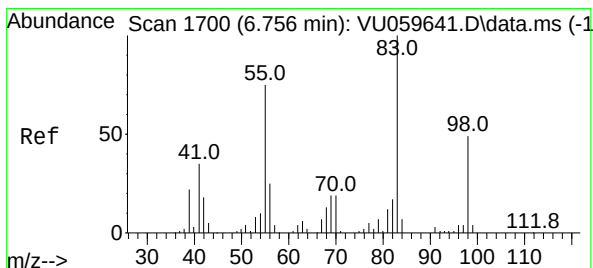
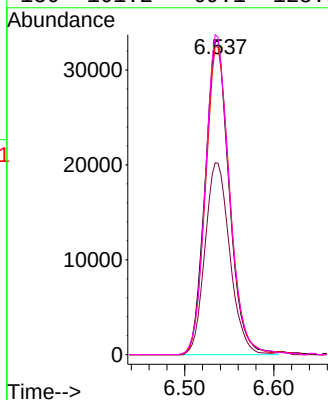
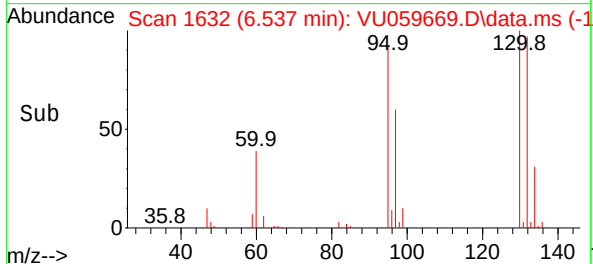


#34
Trichloroethene
Concen: 4.914 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

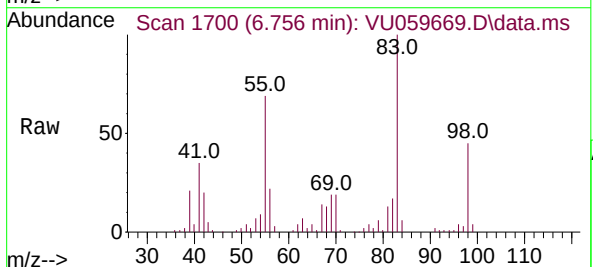
Instrument :
MSVOA_U
ClientSampleId :



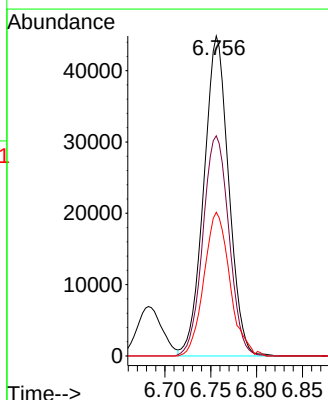
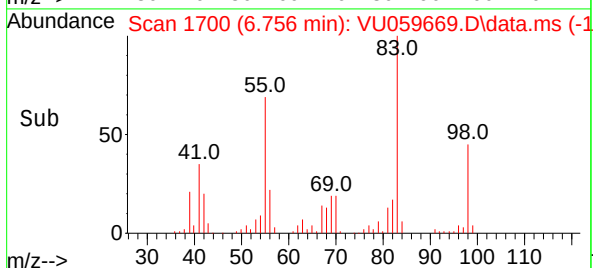
Tgt Ion: 95 Resp: 62084
Ion Ratio Lower Upper
95 100
97 61.0 45.3 84.1
132 97.9 64.0 119.0
130 101.2 69.1 128.3

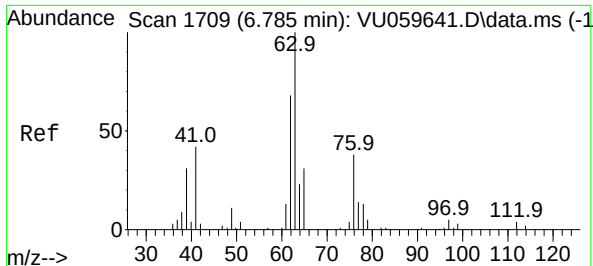


#35
Methylcyclohexane
Concen: 4.715 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32



Tgt Ion: 83 Resp: 84754
Ion Ratio Lower Upper
83 100
55 71.9 62.7 94.1
98 46.6 35.4 53.0

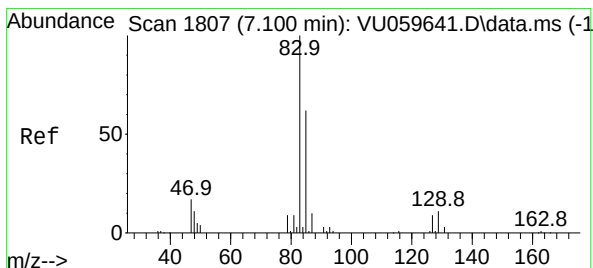
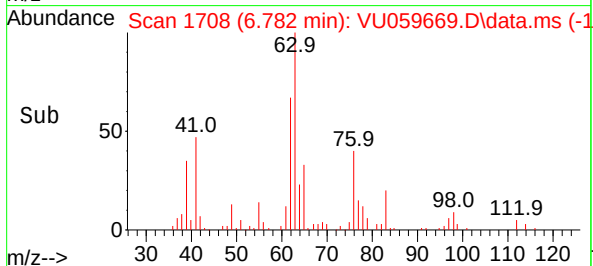
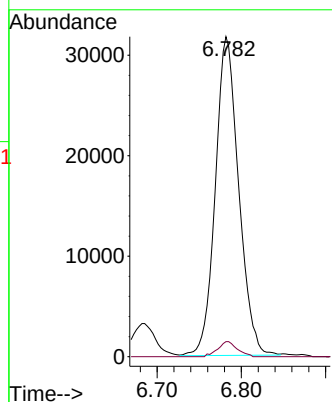
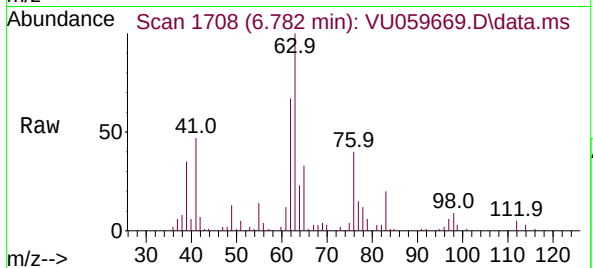




#37
1,2-Dichloropropane
Concen: 5.051 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

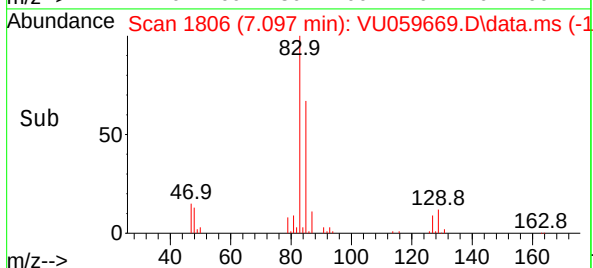
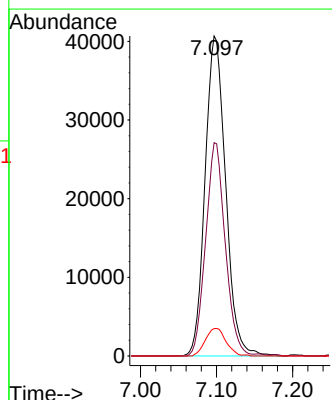
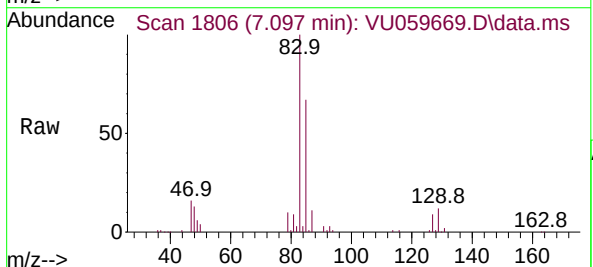
Instrument :
MSVOA_U
ClientSampleId :

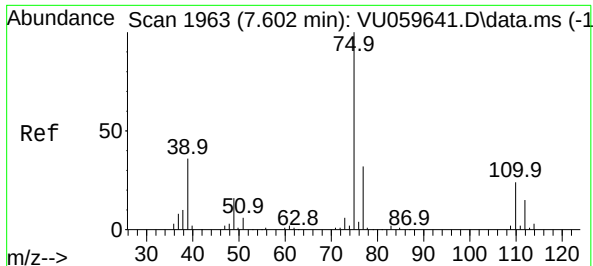
Tgt Ion: 63 Resp: 60979
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.069 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion: 83 Resp: 76381
Ion Ratio Lower Upper
83 100
85 66.7 42.7 79.3
127 8.6 6.1 9.1

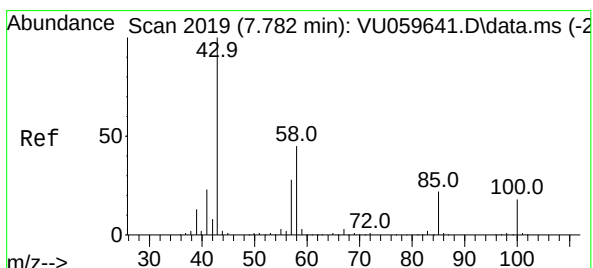
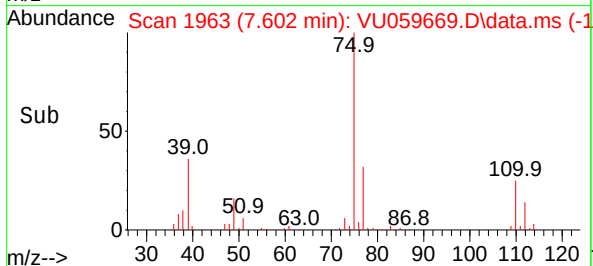
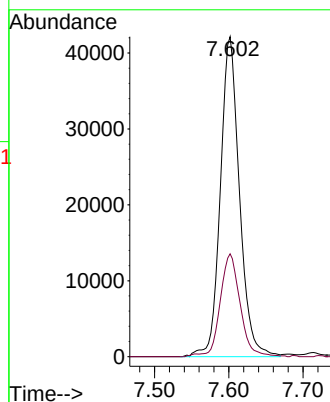
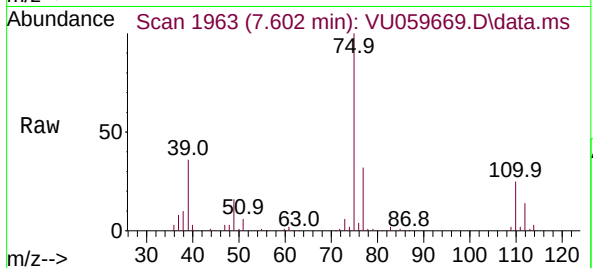




#39
 cis-1,3-Dichloropropene
 Concen: 4.576 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

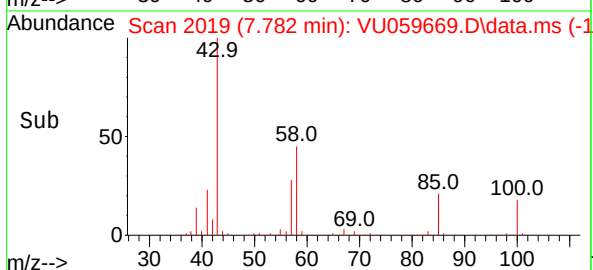
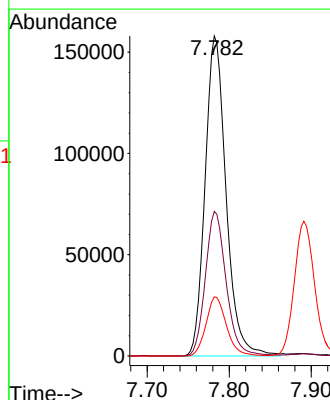
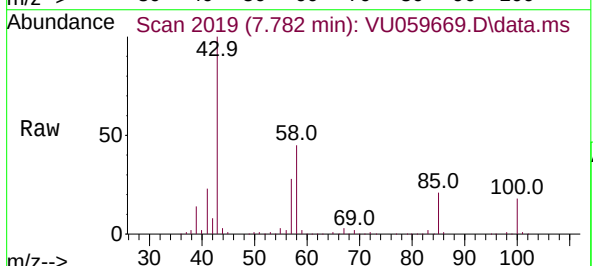
Instrument :
 MSVOA_U
 ClientSampleId :

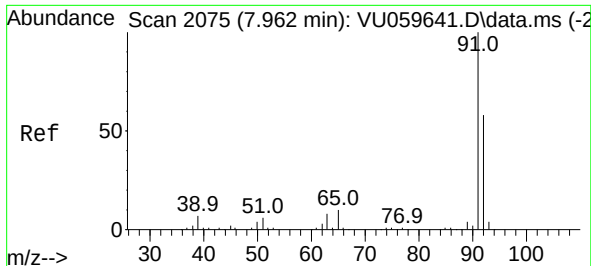
Tgt Ion: 75 Resp: 75544
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 50.202 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

Tgt Ion: 43 Resp: 280826
 Ion Ratio Lower Upper
 43 100
 58 44.9 34.0 51.0
 100 18.0 12.1 18.1





#42

Toluene

Concen: 5.296 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

Instrument :

MSVOA_U

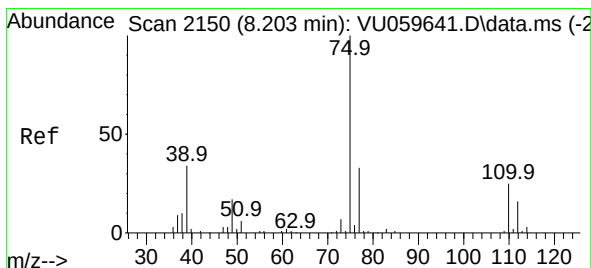
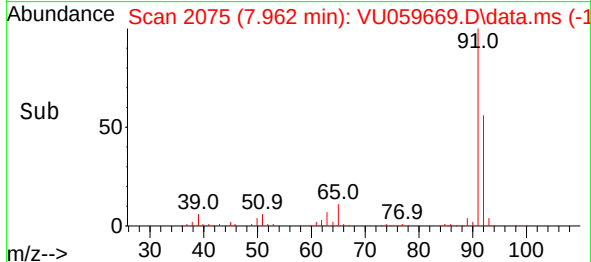
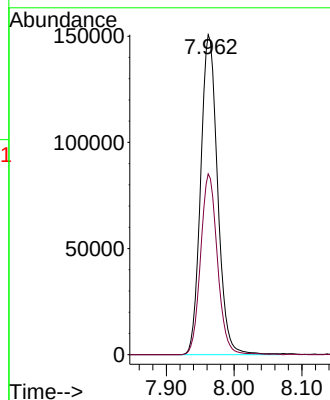
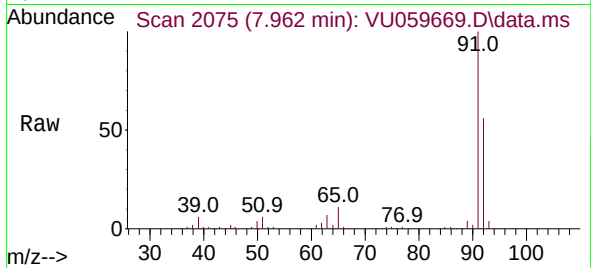
ClientSampleId :

Tgt Ion: 91 Resp: 261579

Ion Ratio Lower Upper

91 100

92 56.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.843 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059669.D

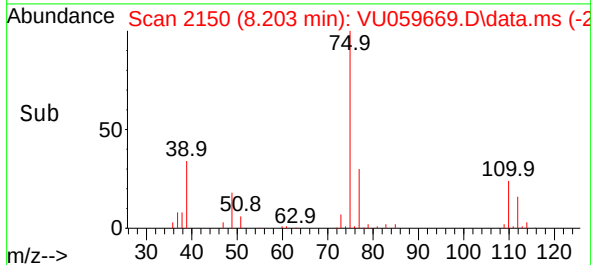
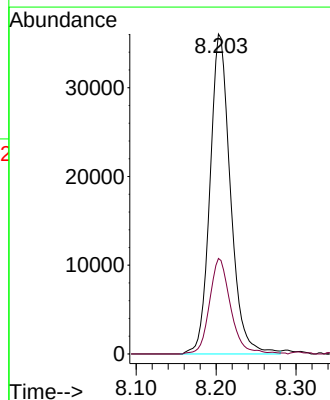
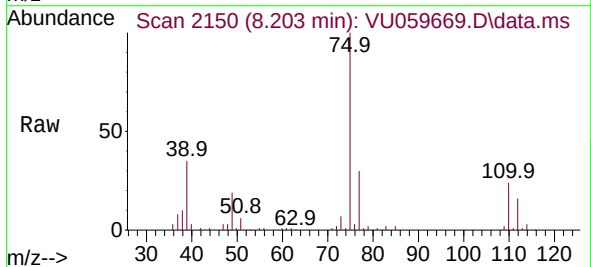
Acq: 29 Jun 2024 10:32

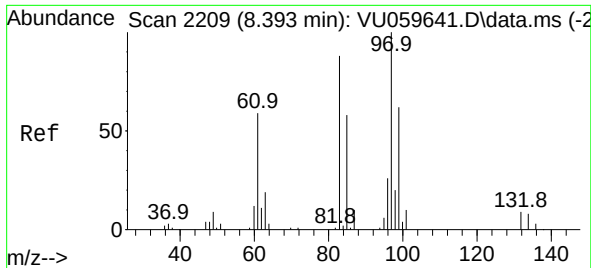
Tgt Ion: 75 Resp: 64173

Ion Ratio Lower Upper

75 100

77 29.9 22.0 41.0

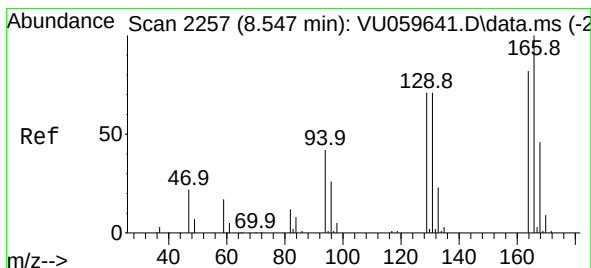
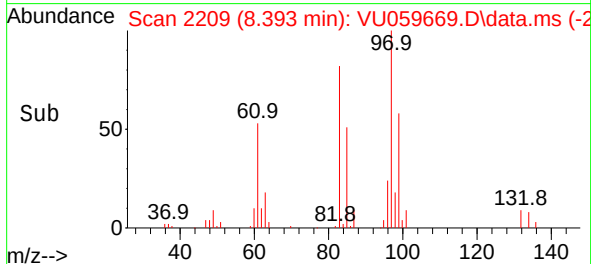
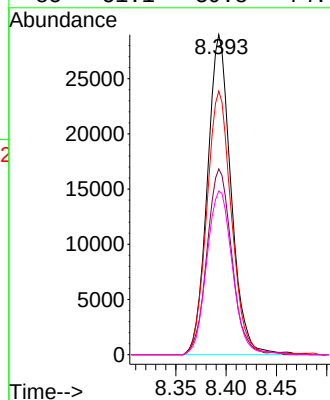
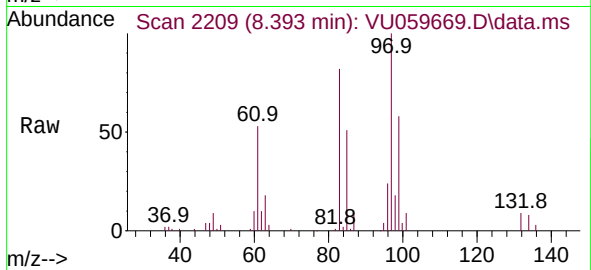




#45
1,1,2-Trichloroethane
Concen: 5.313 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

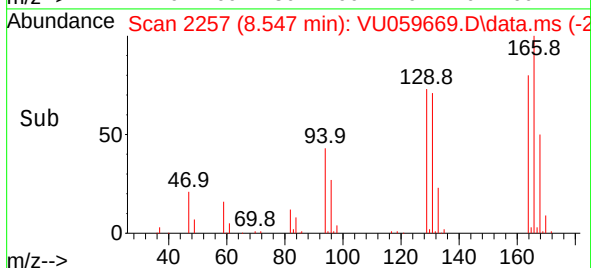
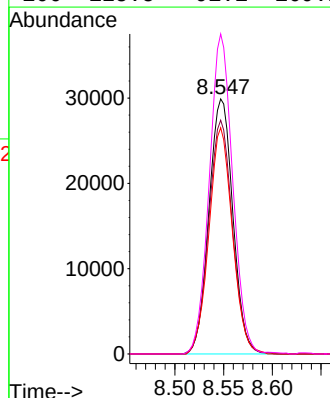
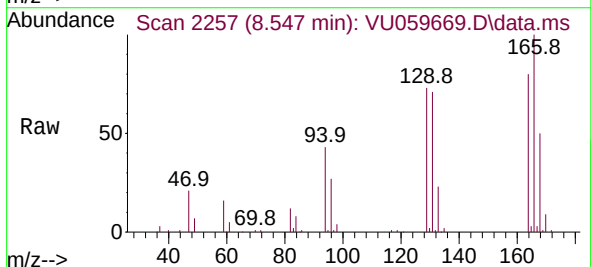
Instrument :
MSVOA_U
ClientSampleId :

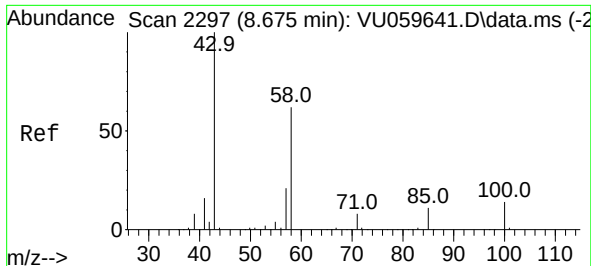
Tgt Ion:	97	Resp:	47264
Ion	Ratio	Lower	Upper
97	100		
99	58.0	43.3	80.3
83	82.3	62.3	115.7
85	51.1	39.8	74.0



#47
Tetrachloroethene
Concen: 5.222 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

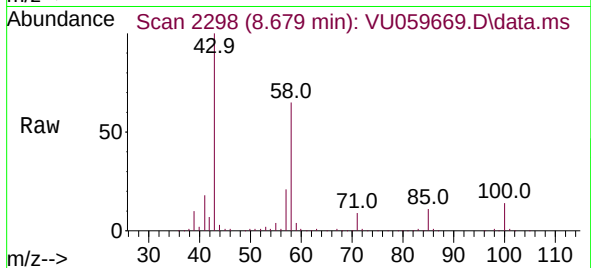
Tgt Ion:	164	Resp:	51193
Ion	Ratio	Lower	Upper
164	100		
129	91.7	70.8	131.4
131	88.7	64.8	120.3
166	125.5	91.1	169.1



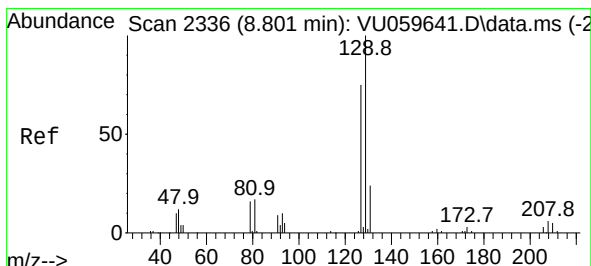
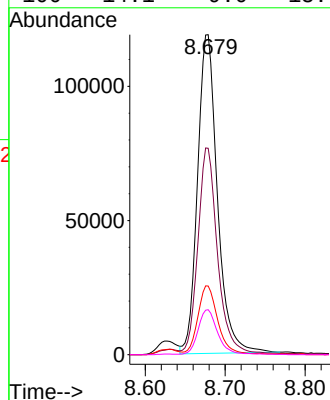
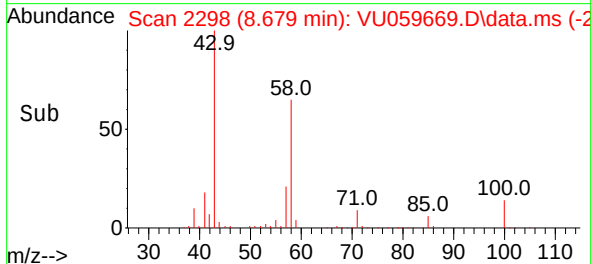


#48
2-Hexanone
Concen: 51.557 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Instrument :
MSVOA_U
ClientSampleId :

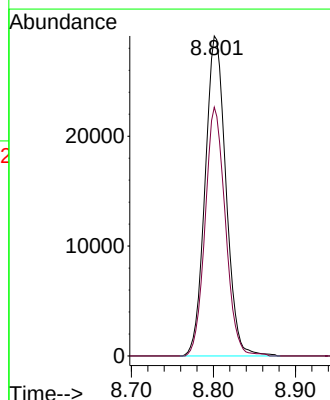
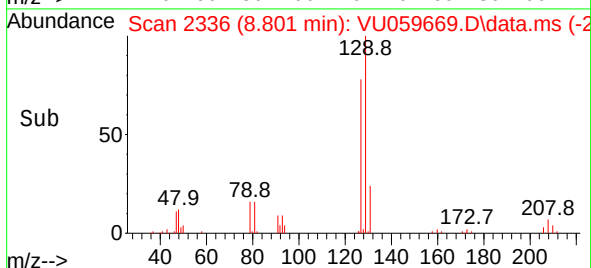
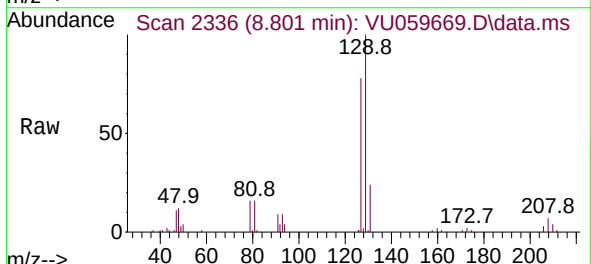


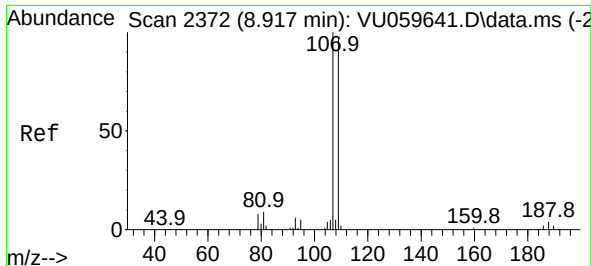
Tgt Ion: 43 Resp: 205831
Ion Ratio Lower Upper
43 100
58 63.8 46.1 69.1
57 21.0 15.5 23.3
100 14.1 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.209 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion: 129 Resp: 51333
Ion Ratio Lower Upper
129 100
127 77.8 52.5 97.5

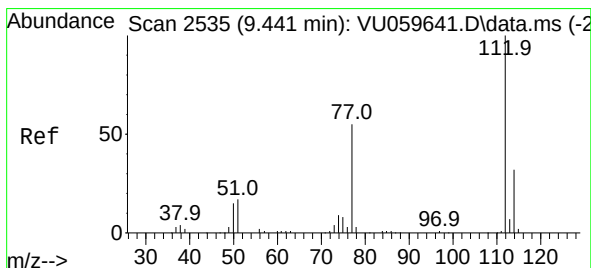
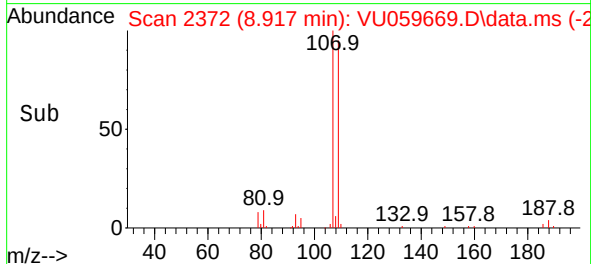
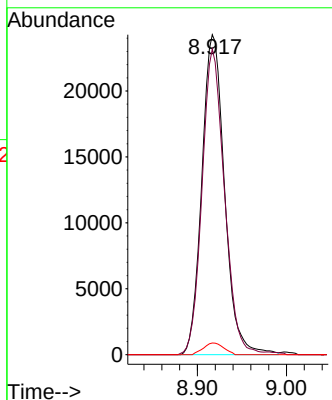
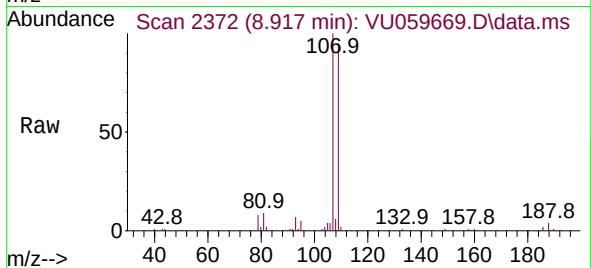




#50
1,2-Dibromoethane
Concen: 5.237 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

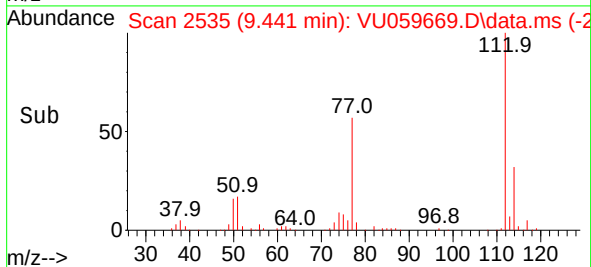
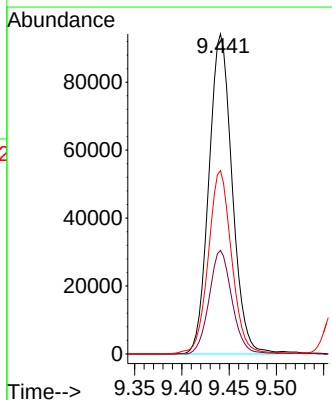
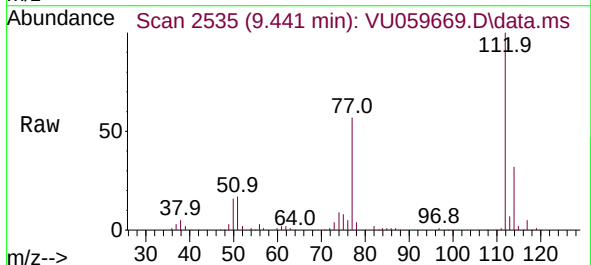
Instrument :
MSVOA_U
ClientSampleId :

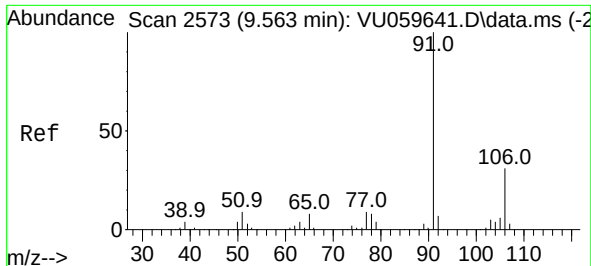
Tgt Ion:107 Resp: 43021
Ion Ratio Lower Upper
107 100
109 95.5 66.9 124.3
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 5.154 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion:112 Resp: 161446
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 57.3 49.1 73.7





#52

Ethylbenzene

Concen: 5.058 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

Instrument :

MSVOA_U

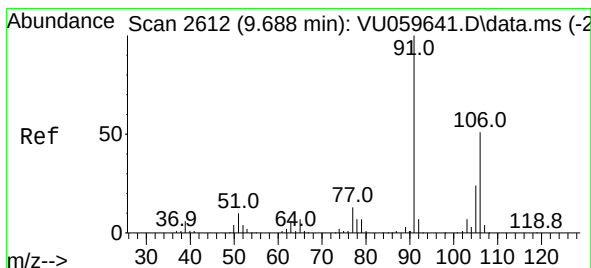
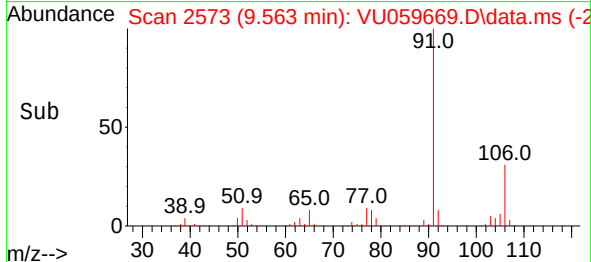
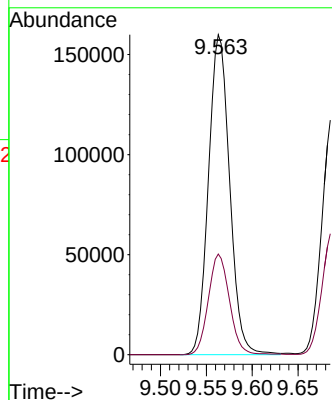
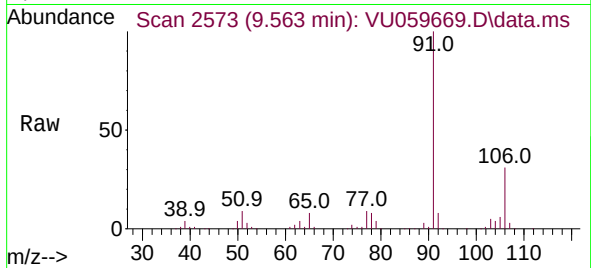
ClientSampleId :

Tgt Ion: 91 Resp: 256261

Ion Ratio Lower Upper

91 100

106 31.5 20.9 38.7



#53

m,p-Xylene

Concen: 5.234 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059669.D

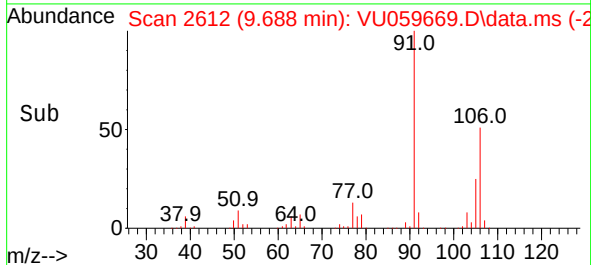
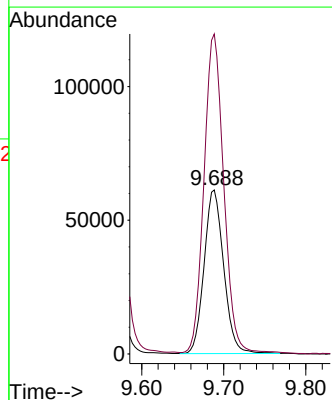
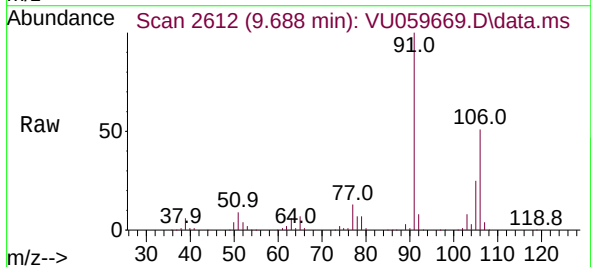
Acq: 29 Jun 2024 10:32

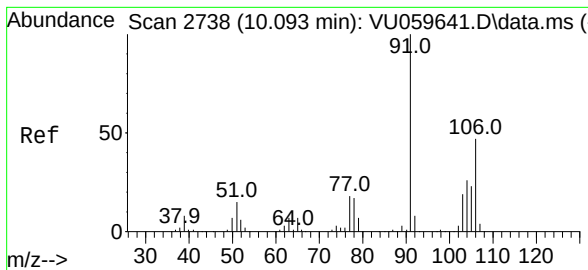
Tgt Ion:106 Resp: 101842

Ion Ratio Lower Upper

106 100

91 195.1 142.0 263.8

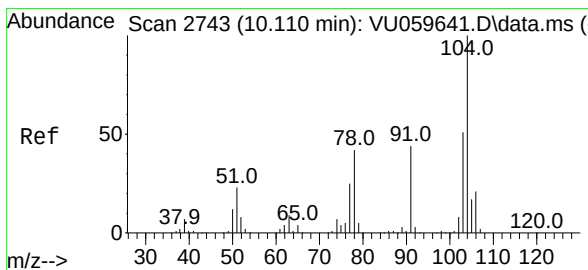
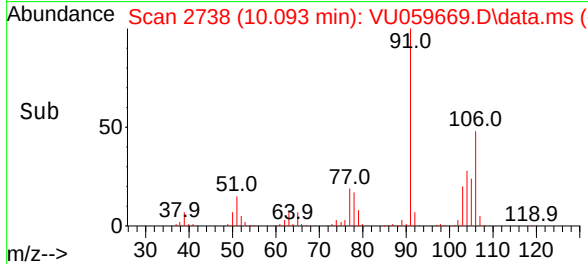
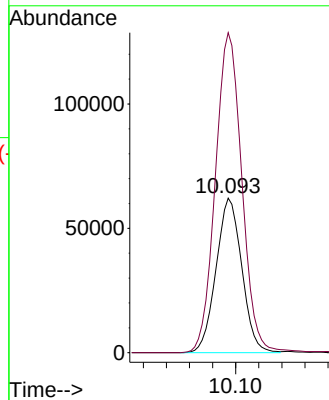
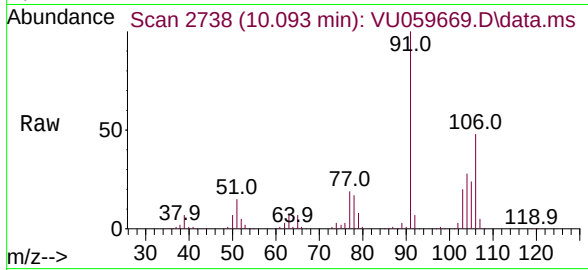




#54
o-Xylene
Concen: 5.207 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

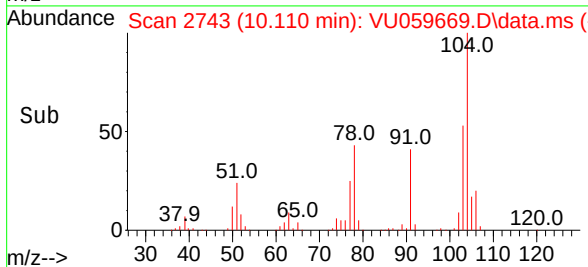
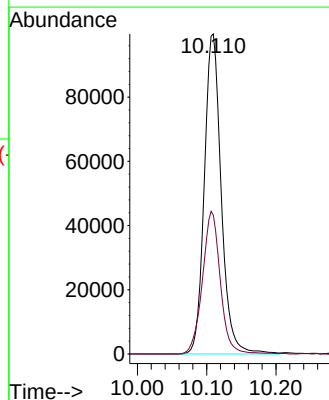
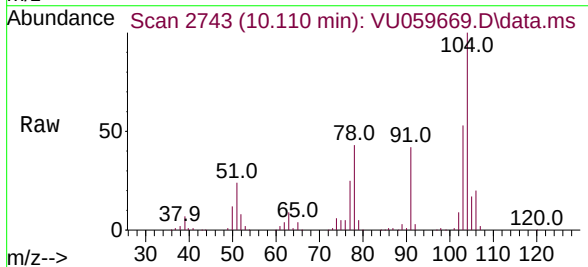
Instrument :
MSVOA_U
ClientSampleId :

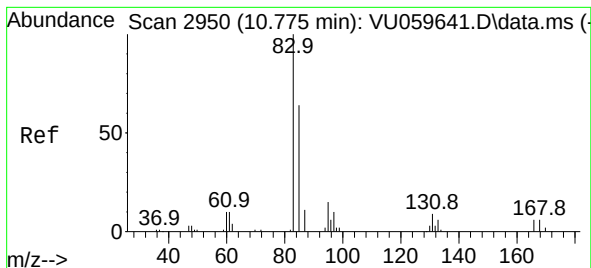
Tgt Ion:106 Resp: 96148
Ion Ratio Lower Upper
106 100
91 207.1 151.6 281.6



#55
Styrene
Concen: 5.372 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion:104 Resp: 168887
Ion Ratio Lower Upper
104 100
78 43.4 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.177 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :

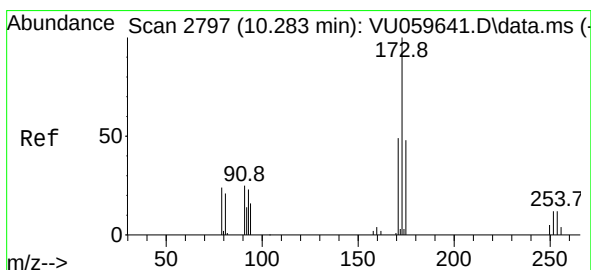
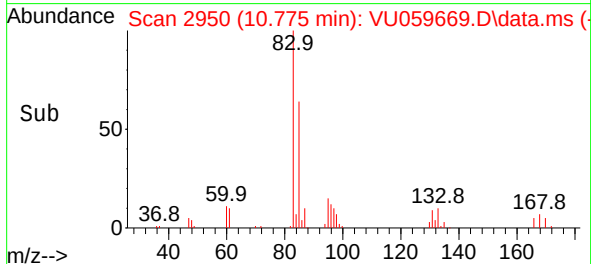
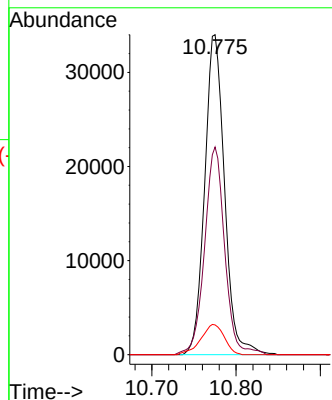
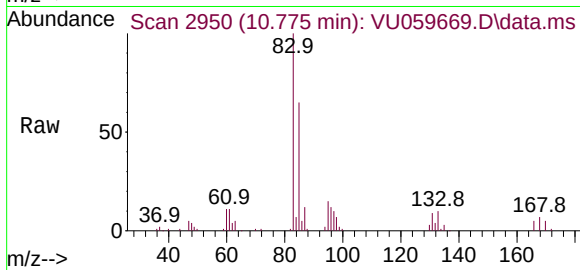
Tgt Ion: 83 Resp: 55867

Ion Ratio Lower Upper

83 100

85 64.9 44.7 82.9

131 9.3 6.9 10.3



#59

Bromoform

Concen: 4.992 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

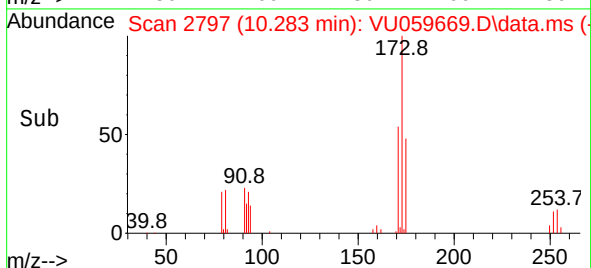
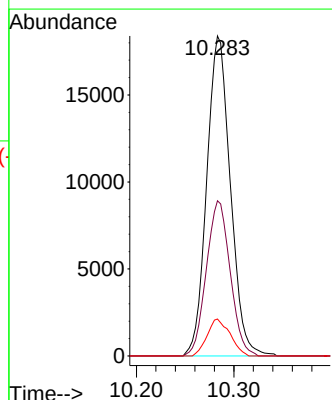
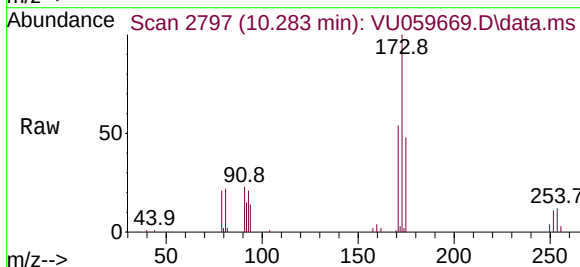
Tgt Ion:173 Resp: 30976

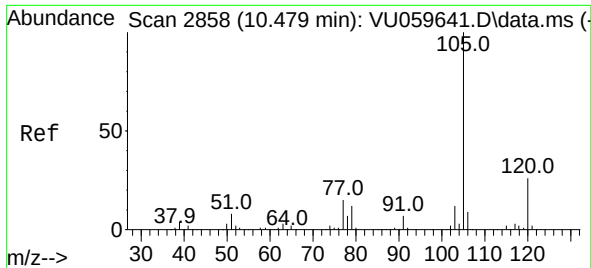
Ion Ratio Lower Upper

173 100

175 48.8 39.4 59.2

254 11.2 7.4 11.2#

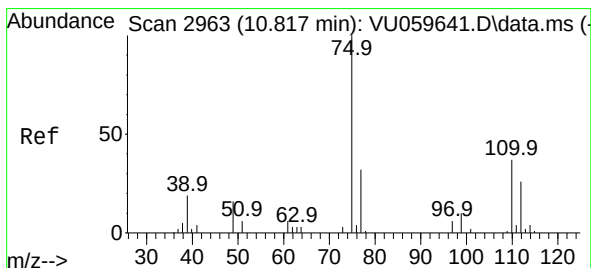
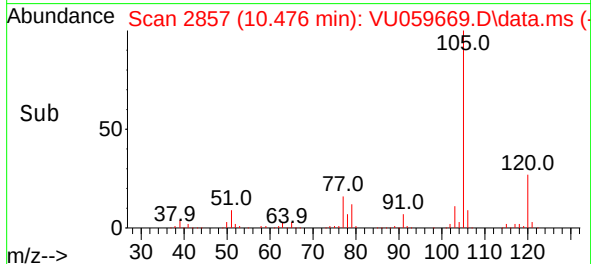
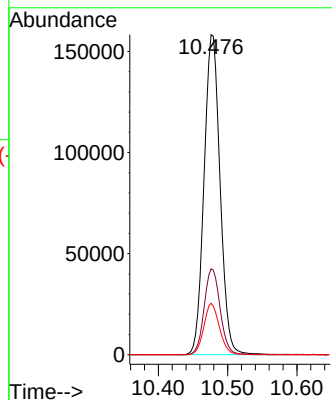
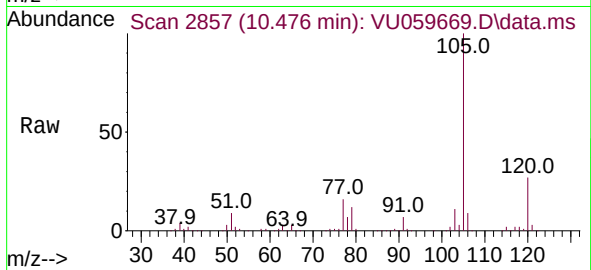




#60
Isopropylbenzene
Concen: 5.065 ug/L
RT: 10.476 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

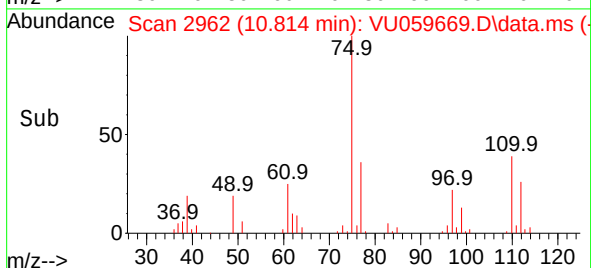
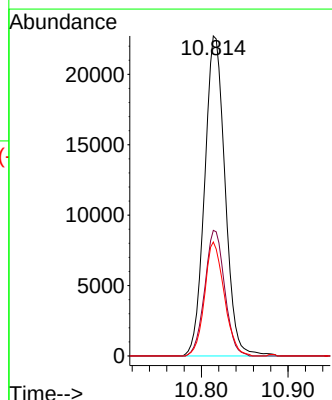
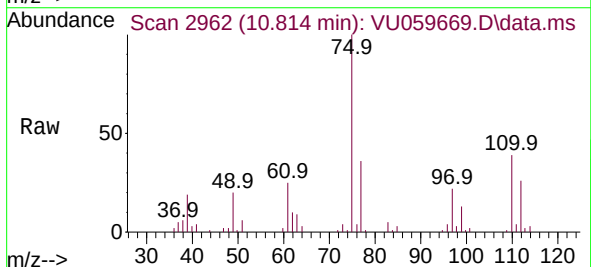
Instrument :
MSVOA_U
ClientSampleId :

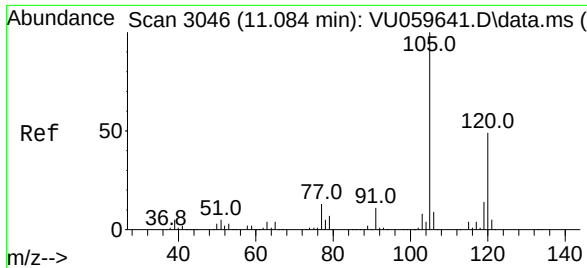
Tgt Ion:105 Resp: 253693
Ion Ratio Lower Upper
105 100
120 26.7 20.6 31.0
77 15.6 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 4.959 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion: 75 Resp: 37157
Ion Ratio Lower Upper
75 100
110 38.2 27.1 40.7
77 34.3 25.4 38.2

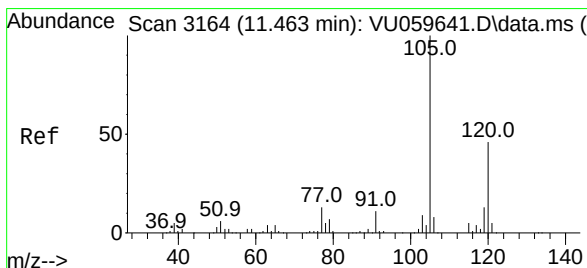
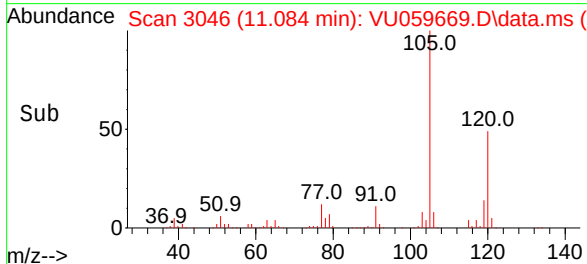
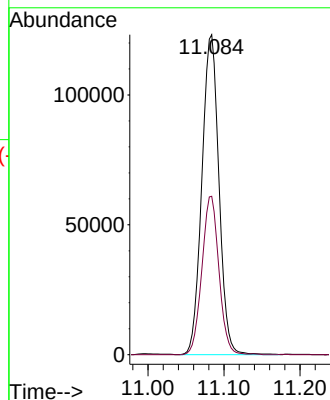
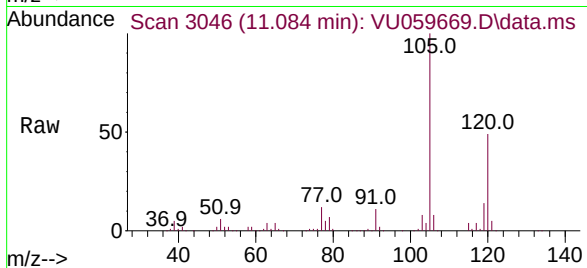




#62
 1,3,5-Trimethylbenzene
 Concen: 4.849 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

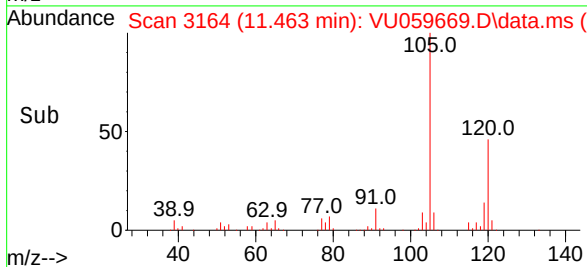
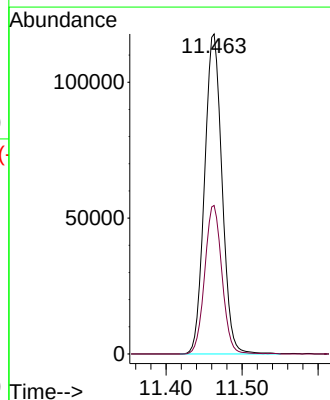
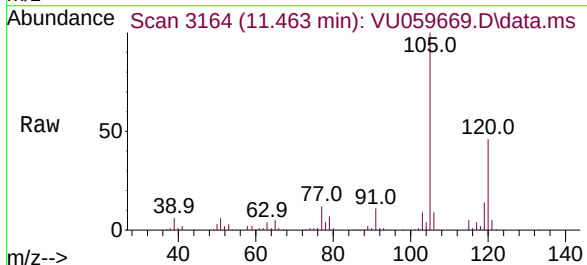
Instrument :
 MSVOA_U
 ClientSampleId :

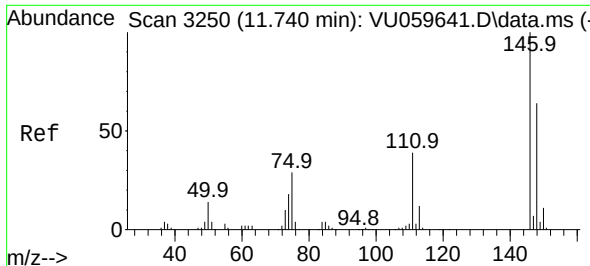
Tgt Ion:105 Resp: 192387
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.953 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059669.D
 Acq: 29 Jun 2024 10:32

Tgt Ion:105 Resp: 187875
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.140 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

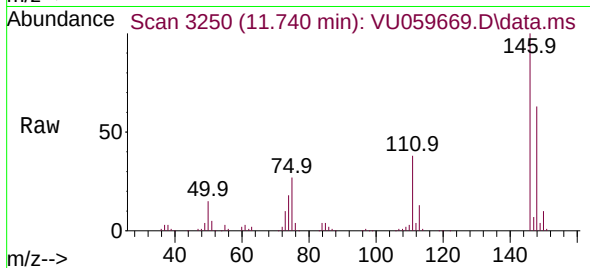
Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :



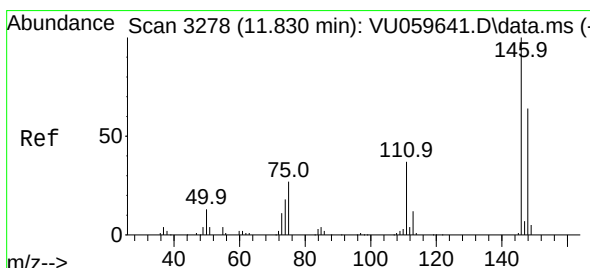
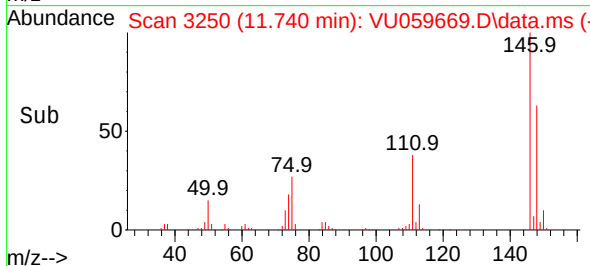
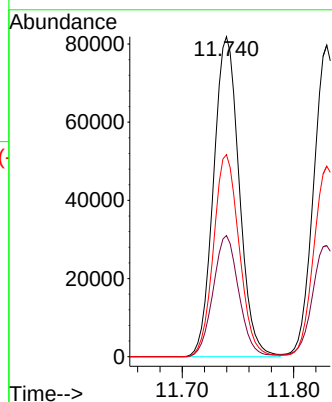
Tgt Ion:146 Resp: 130924

Ion Ratio Lower Upper

146 100

111 37.9 27.4 51.0

148 63.2 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.052 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

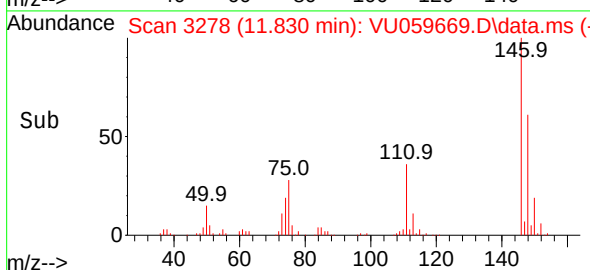
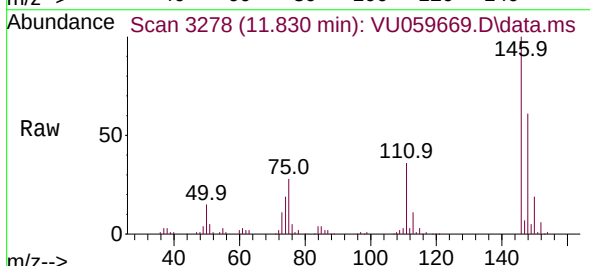
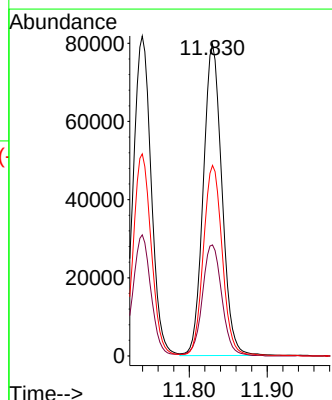
Tgt Ion:146 Resp: 132466

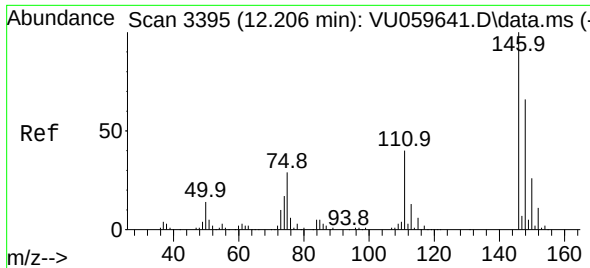
Ion Ratio Lower Upper

146 100

111 35.6 26.9 50.1

148 61.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.045 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :

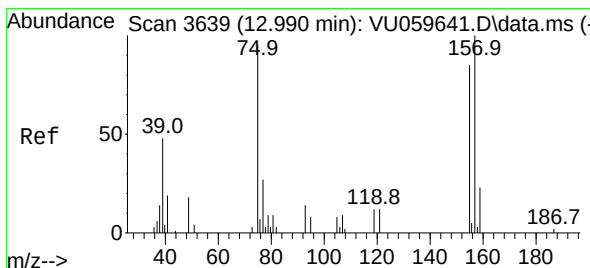
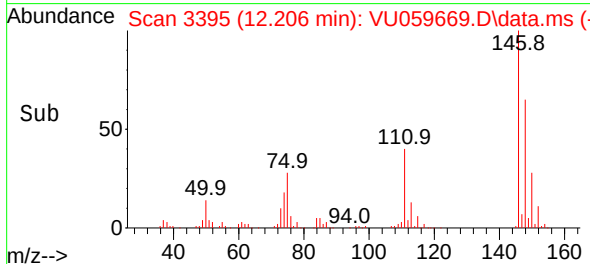
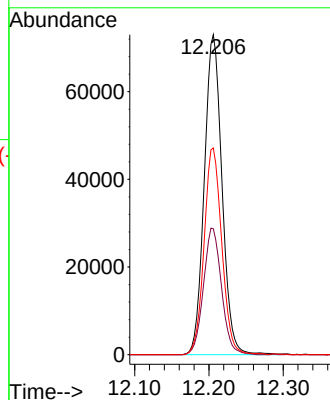
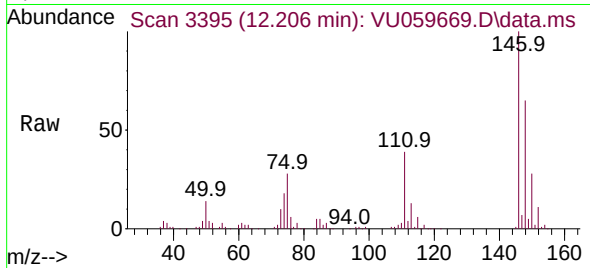
Tgt Ion:146 Resp: 120929

Ion Ratio Lower Upper

146 100

111 39.4 33.4 50.0

148 64.6 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.035 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

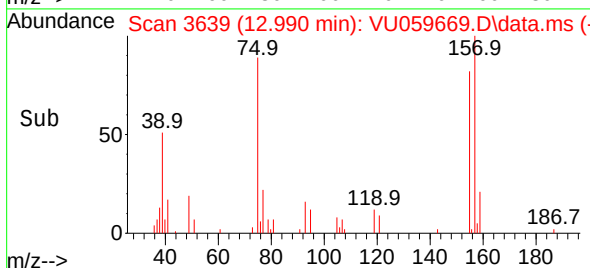
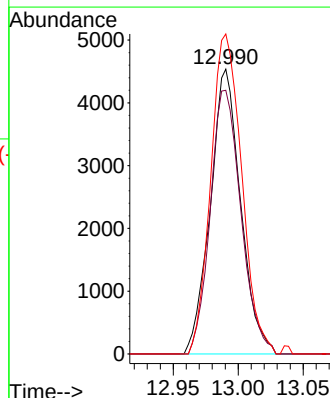
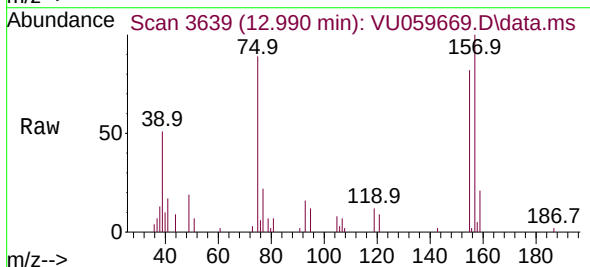
Tgt Ion: 75 Resp: 7358

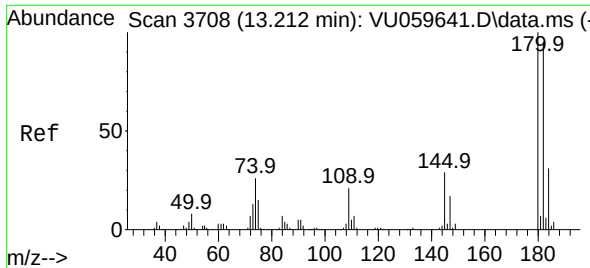
Ion Ratio Lower Upper

75 100

155 92.6 58.2 87.2#

157 112.3 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.804 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 90579

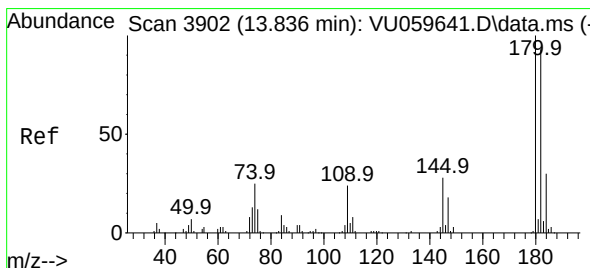
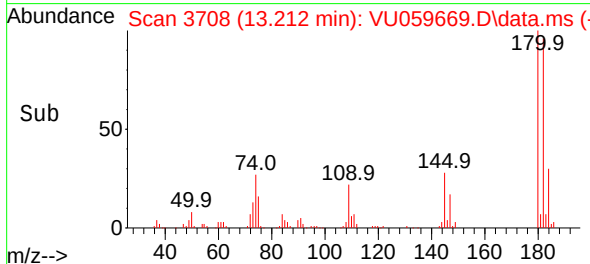
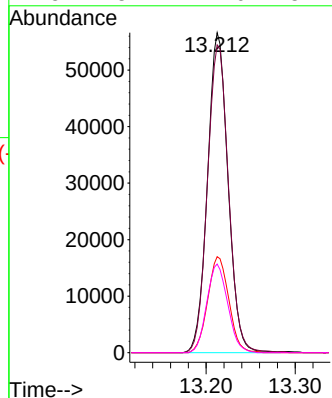
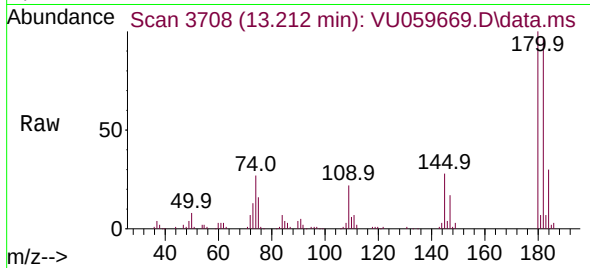
Ion Ratio Lower Upper

180 100

182 98.5 75.4 113.0

184 30.8 23.0 34.6

145 28.2 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.829 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU059669.D

Acq: 29 Jun 2024 10:32

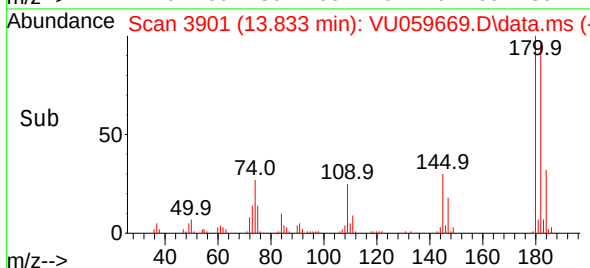
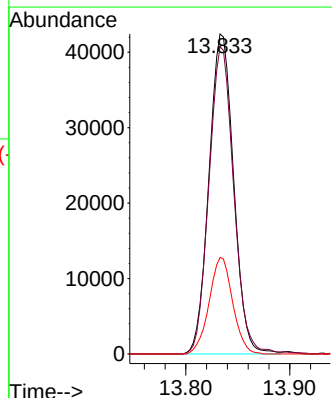
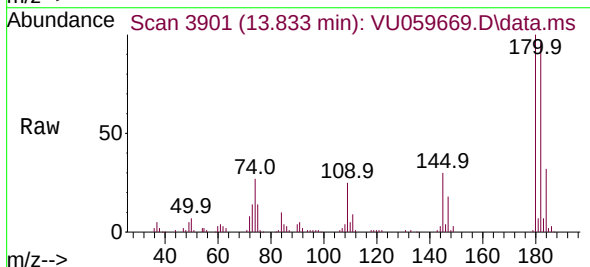
Tgt Ion:180 Resp: 69847

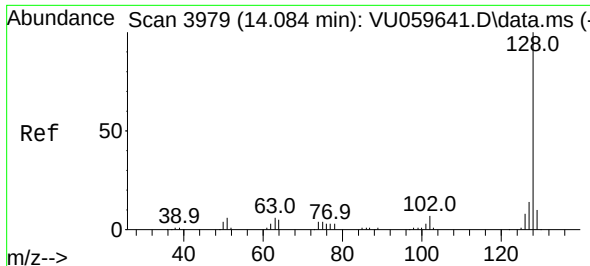
Ion Ratio Lower Upper

180 100

182 96.5 74.9 112.3

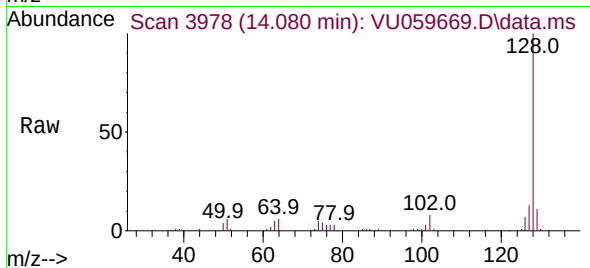
145 28.8 23.9 35.9



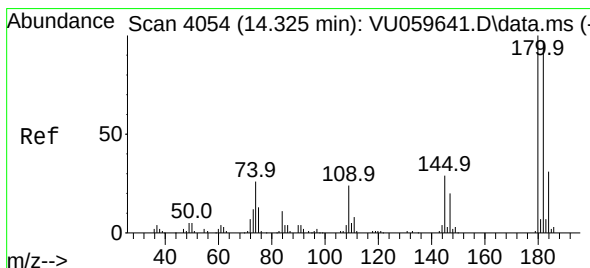
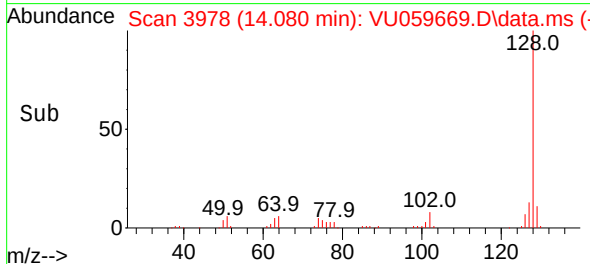
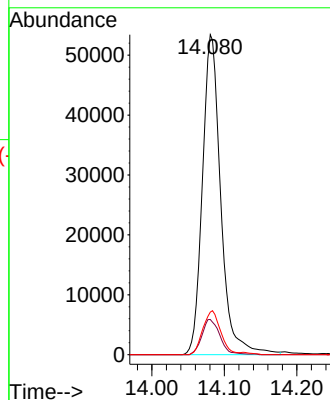


#71
Naphthalene
Concen: 4.538 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 93944
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.794 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059669.D
Acq: 29 Jun 2024 10:32

Tgt Ion:180 Resp: 64389
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.6
145 31.7 26.2 39.4

