

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059505.D
 Acq On : 26 Jun 2024 05:19
 Operator : MD/SY
 Sample : P3006-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:21:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138836	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27678	2.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.907	69	33209	3.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.560	65	10944	2.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	4.621	46	139241	70.020	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.040%#
24) Chloroform-d	5.052	84	87254	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.692	65	43647	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	143326	3.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
36) 1,2-Dichloropropane-d6	6.682	67	52640	4.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.891	98	120394	3.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	8.177	79	15943	4.140	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.624	63	113383	70.856	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.720%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59661	5.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	60081	4.347	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59930	5.094	ug/L	100
3) Chloromethane	1.515	50	66593	5.259	ug/L	98
5) Vinyl chloride	1.599	62	73262	5.238	ug/L	99
6) Bromomethane	1.853	94	47041	4.837	ug/L	99
8) Chloroethane	1.930	64	47070	5.585	ug/L	96
9) Trichlorofluoromethane	2.132	101	93000	5.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55400	5.198	ug/L	95
12) 1,1-Dichloroethene	2.573	96	52841	5.366	ug/L #	76
13) Acetone	2.631	43	185362	143.695	ug/L	93
14) Carbon disulfide	2.785	76	169098	5.147	ug/L	100
15) Methyl Acetate	2.946	43	15117	4.441	ug/L	91
16) Methylene chloride	3.036	84	61507	5.271	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	124581	5.871	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	55504	5.420	ug/L	91
19) 1,1-Dichloroethane	3.859	63	103278	5.469	ug/L	98
21) 2-Butanone	4.701	43	152213	73.567	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	63293	5.607	ug/L	95
23) Bromochloromethane	4.965	128	30491	5.925	ug/L	88
25) Chloroform	5.078	83	108447	5.452	ug/L	98

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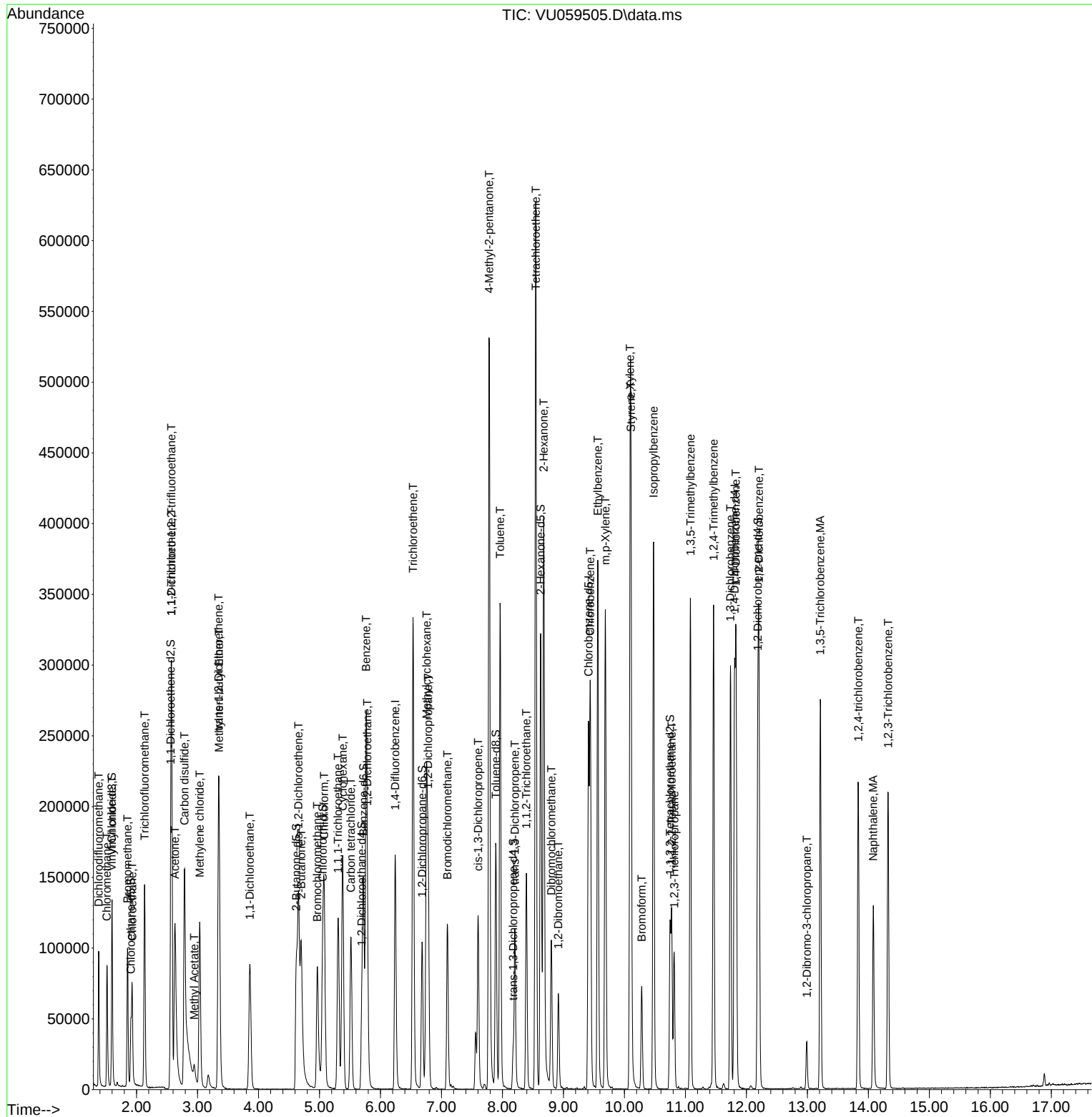
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69131	5.736	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	89646	5.323	ug/L	97
30) Cyclohexane	5.380	56	75403	5.071	ug/L	92
31) Carbon tetrachloride	5.515	117	75195	5.333	ug/L	98
33) Benzene	5.766	78	241971	5.464	ug/L	100
34) Trichloroethene	6.534	95	116147	9.684	ug/L	97
35) Methylcyclohexane	6.756	83	85293	4.998	ug/L	95
37) 1,2-Dichloropropane	6.782	63	62638	5.465	ug/L #	97
38) Bromodichloromethane	7.097	83	77817	5.440	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	77473	4.943	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	330182	62.174	ug/L	95
42) Toluene	7.962	91	260306	5.552	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	67068	5.331	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	48810	5.779	ug/L	99
47) Tetrachloroethene	8.547	164	141060	15.157	ug/L	97
48) 2-Hexanone	8.676	43	242086	63.873	ug/L #	93
49) Dibromochloromethane	8.801	129	53280	5.695	ug/L	97
50) 1,2-Dibromoethane	8.917	107	45403	5.821	ug/L	98
51) Chlorobenzene	9.441	112	160980	5.413	ug/L	95
52) Ethylbenzene	9.563	91	259011	5.385	ug/L	98
53) m,p-Xylene	9.688	106	100693	5.451	ug/L	98
54) o-Xylene	10.094	106	96222	5.489	ug/L	95
55) Styrene	10.110	104	170351	5.708	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	62447	6.095	ug/L	95
59) Bromoform	10.283	173	33419	5.624	ug/L	97
60) Isopropylbenzene	10.479	105	249413	5.200	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40844	5.692	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	189434	4.985	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	189026	5.203	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	129853	5.323	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	129427	5.154	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	121285	5.283	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8875	6.341	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.212	180	89976	4.982	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	71432	5.156	ug/L	96
71) Naphthalene	14.081	128	109763	5.536	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	69279	5.386	ug/L	99

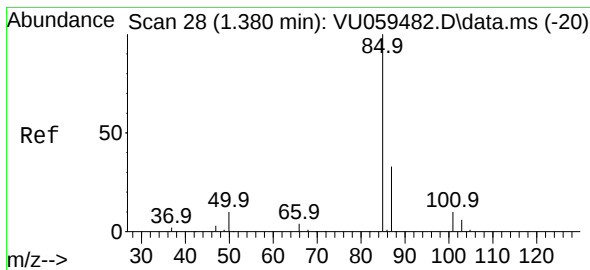
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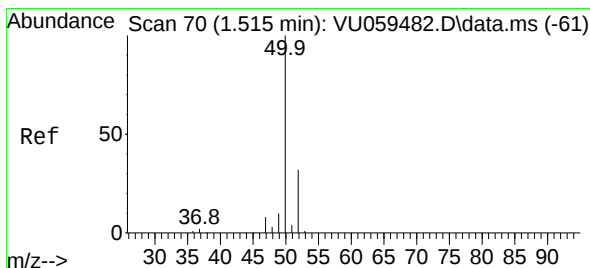
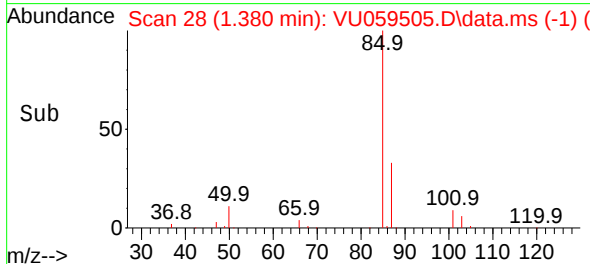
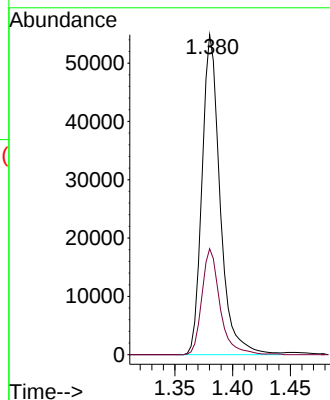
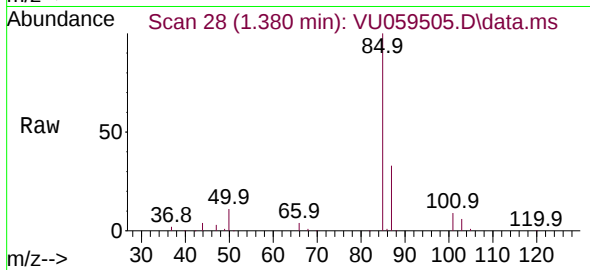




#2
Dichlorodifluoromethane
Concen: 5.094 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

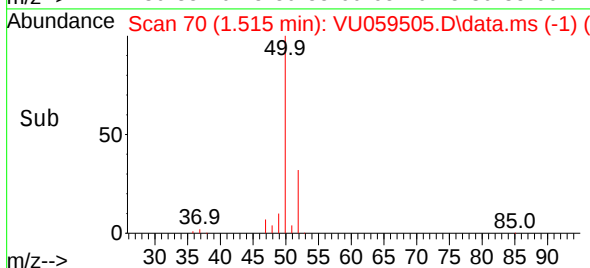
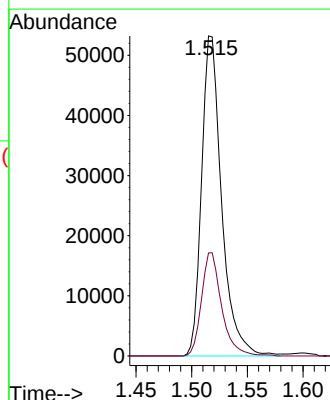
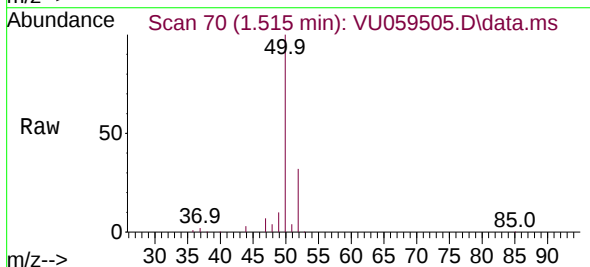
Instrument :
MSVOA_U
ClientSampleId :

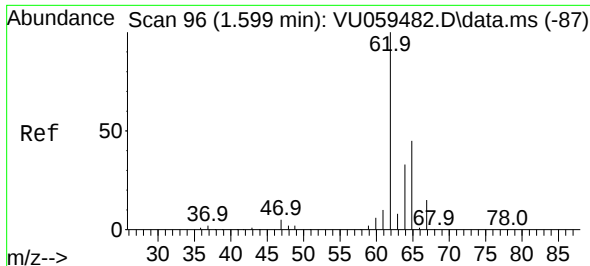
Tgt Ion: 85 Resp: 59930
Ion Ratio Lower Upper
85 100
87 33.0 26.6 40.0



#3
Chloromethane
Concen: 5.259 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

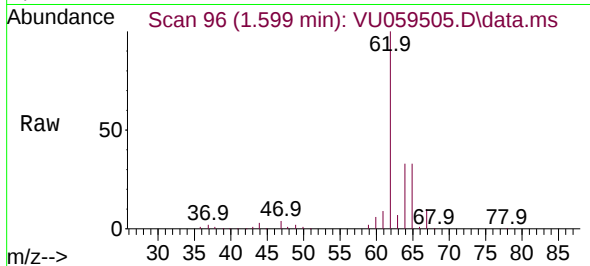
Tgt Ion: 50 Resp: 66593
Ion Ratio Lower Upper
50 100
52 32.2 23.2 43.0



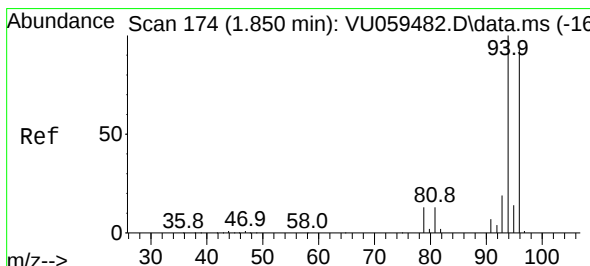
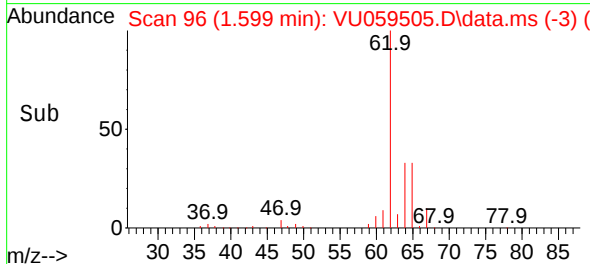
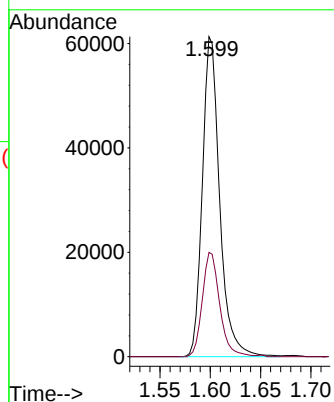


#5
Vinyl chloride
Concen: 5.238 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Instrument :
MSVOA_U
ClientSampleId :

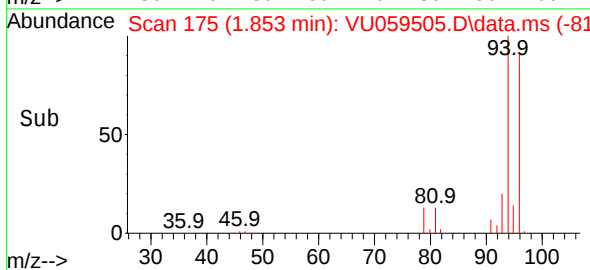
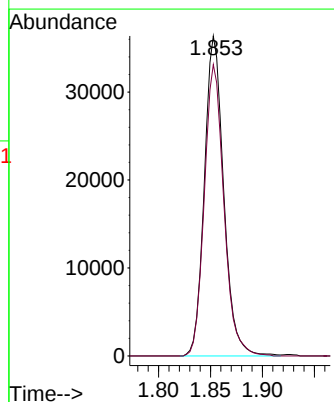
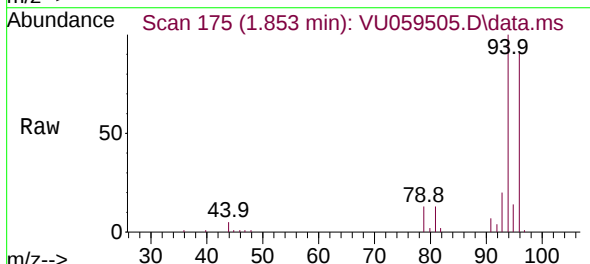


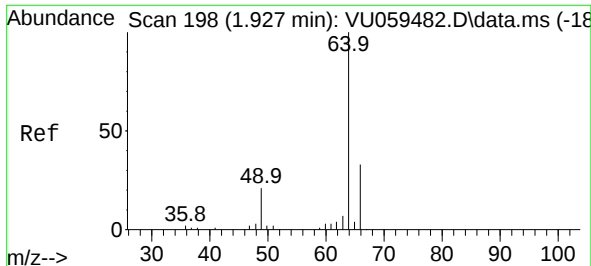
Tgt Ion: 62 Resp: 73262
Ion Ratio Lower Upper
62 100
64 32.6 23.1 42.9



#6
Bromomethane
Concen: 4.837 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.003 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 94 Resp: 47041
Ion Ratio Lower Upper
94 100
96 91.0 62.9 116.9





#8

Chloroethane

Concen: 5.585 ug/L

RT: 1.930 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

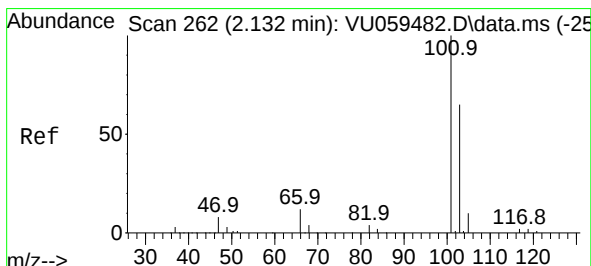
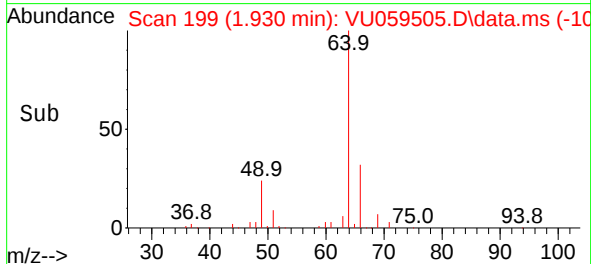
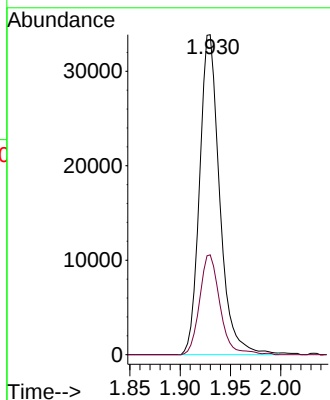
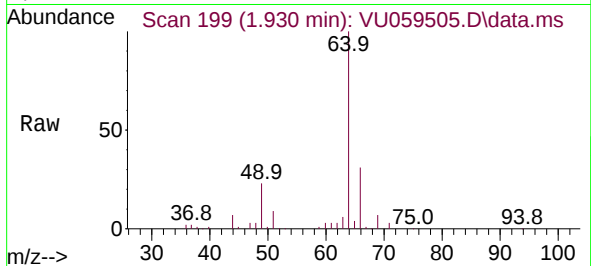
ClientSampleId :

Tgt Ion: 64 Resp: 47070

Ion Ratio Lower Upper

64 100

66 31.2 23.2 43.2



#9

Trichlorofluoromethane

Concen: 5.523 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU059505.D

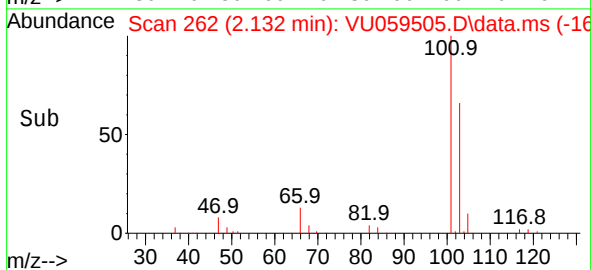
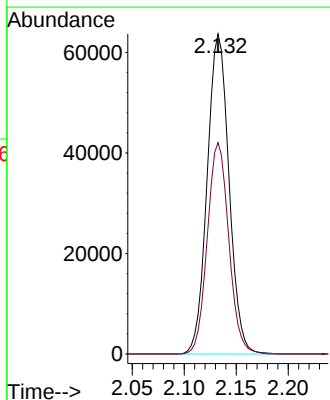
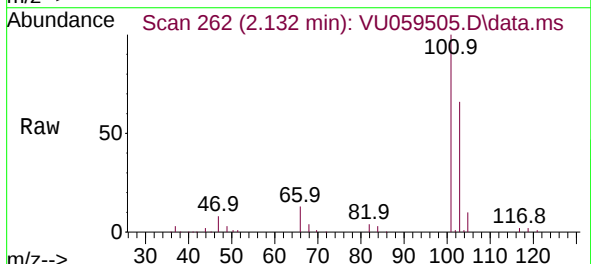
Acq: 26 Jun 2024 05:19

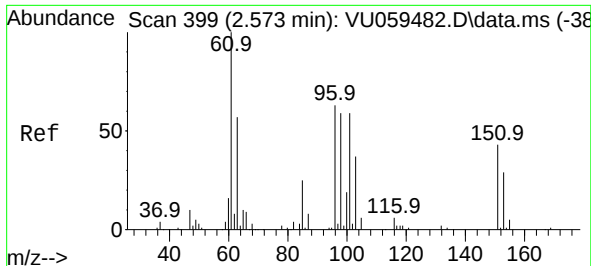
Tgt Ion:101 Resp: 93000

Ion Ratio Lower Upper

101 100

103 64.9 52.6 79.0

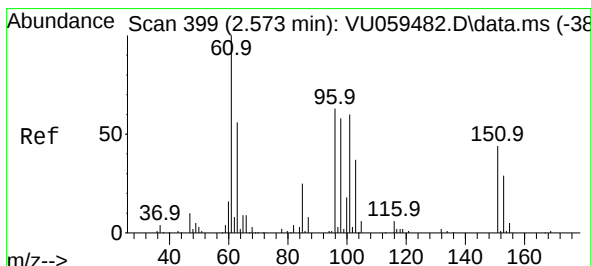
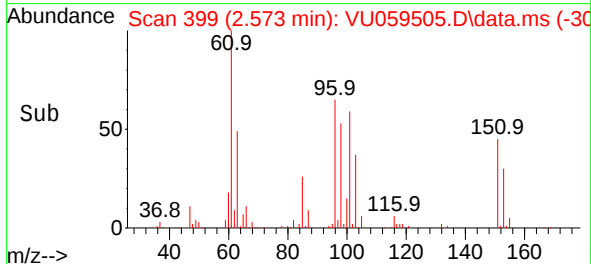
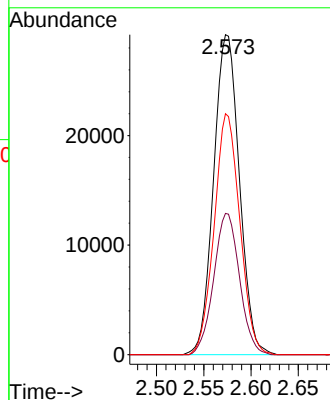
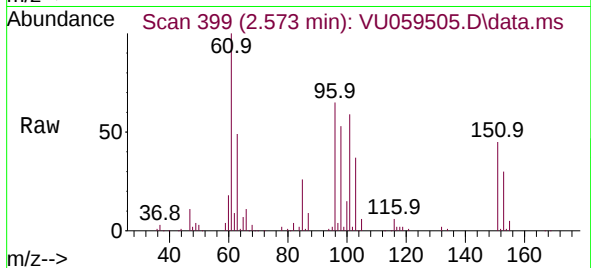




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.198 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

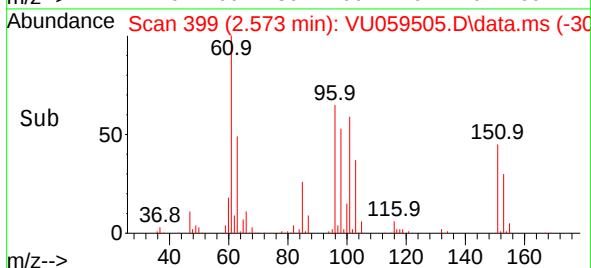
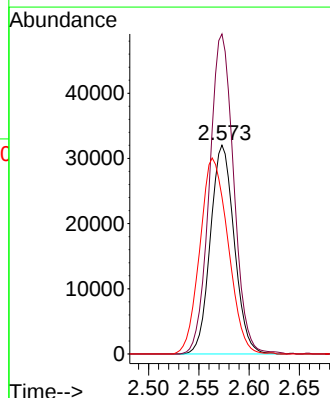
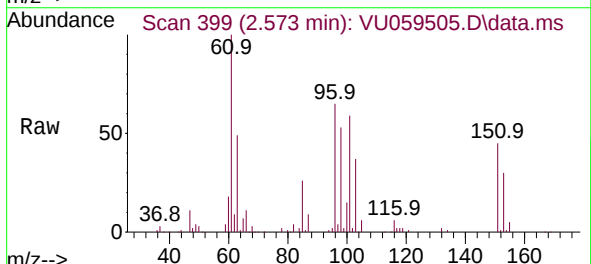
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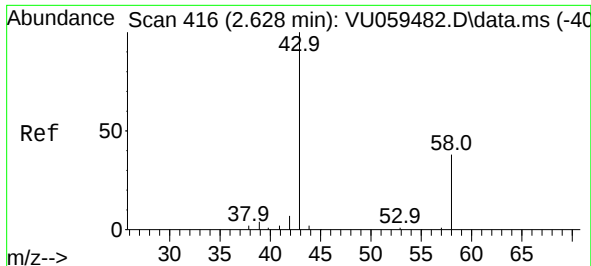
Tgt Ion:101 Resp: 55400
Ion Ratio Lower Upper
101 100
85 44.1 36.2 54.4
151 74.9 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.366 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 96 Resp: 52841
Ion Ratio Lower Upper
96 100
61 153.2 122.9 228.3
63 75.2 80.4 149.4#





#13

Acetone

Concen: 143.695 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

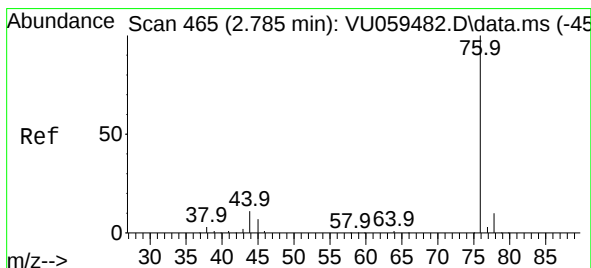
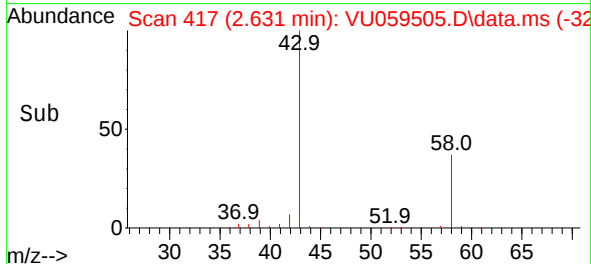
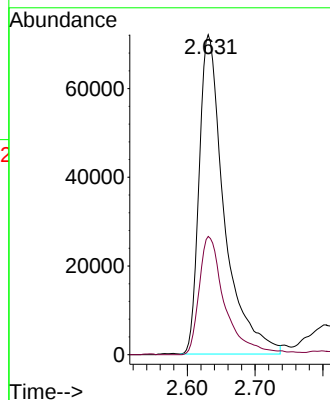
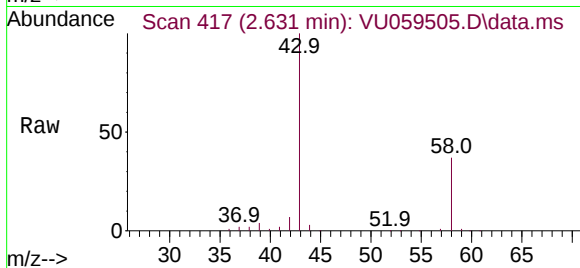
ClientSampleId :

Tgt Ion: 43 Resp: 185362

Ion Ratio Lower Upper

43 100

58 38.0 0.0 68.0



#14

Carbon disulfide

Concen: 5.147 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059505.D

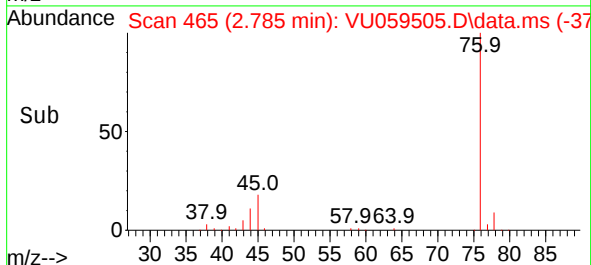
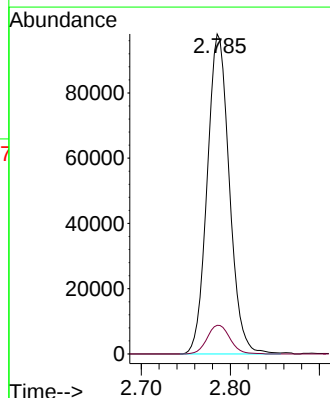
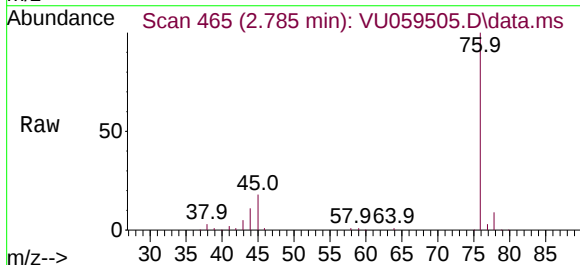
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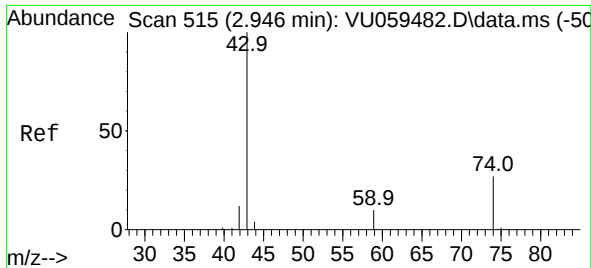
Tgt Ion: 76 Resp: 169098

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

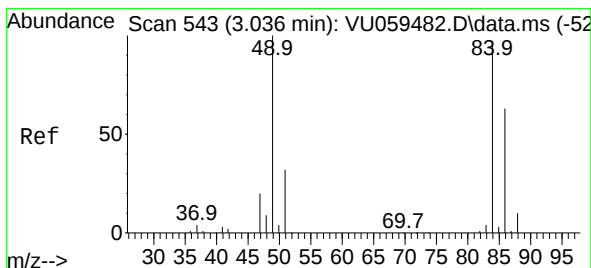
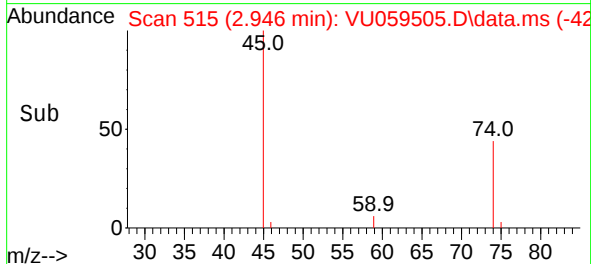
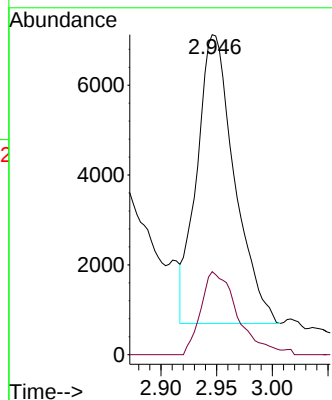
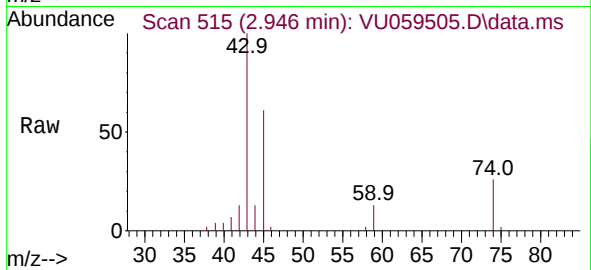




#15
Methyl Acetate
Concen: 4.441 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

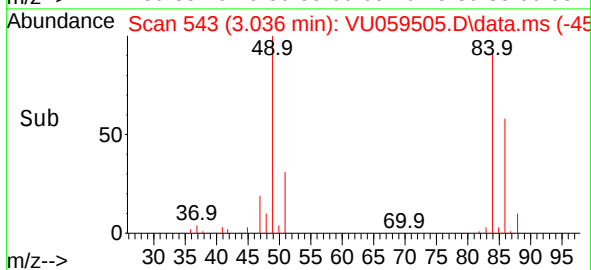
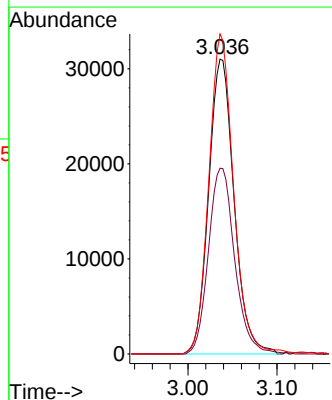
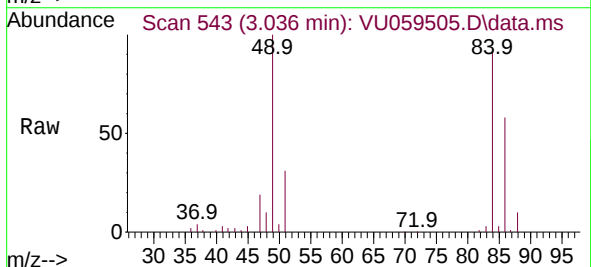
Instrument :
MSVOA_U
ClientSampleId :

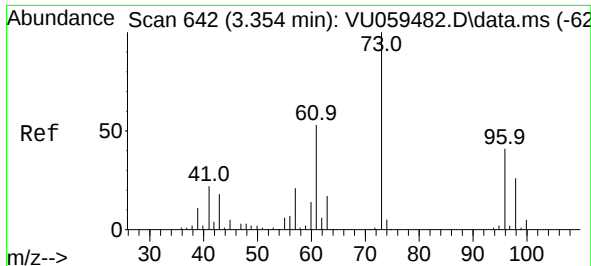
Tgt Ion: 43 Resp: 15117
Ion Ratio Lower Upper
43 100
74 28.3 19.2 28.8



#16
Methylene chloride
Concen: 5.271 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 84 Resp: 61507
Ion Ratio Lower Upper
84 100
86 63.0 42.1 78.1
49 108.5 80.6 149.8

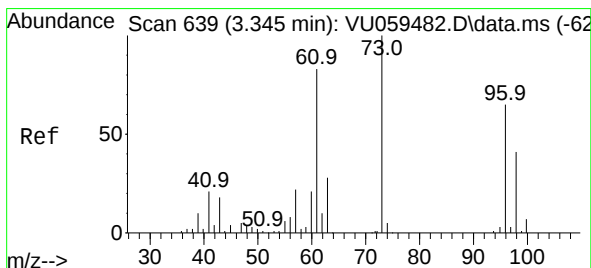
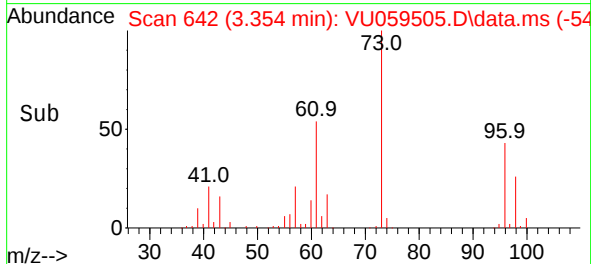
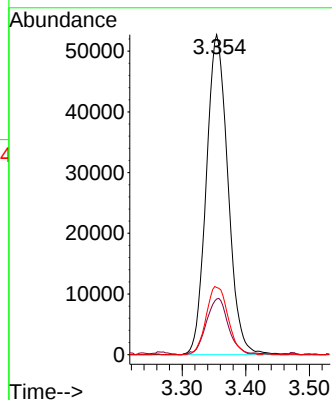
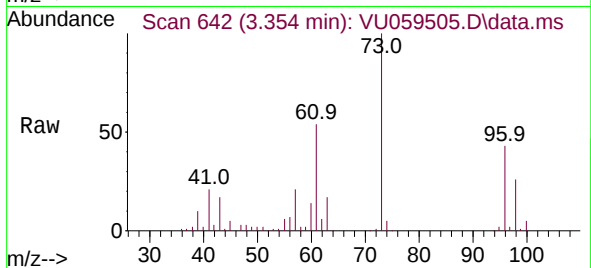




#17
Methyl tert-butyl Ether
Concen: 5.871 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

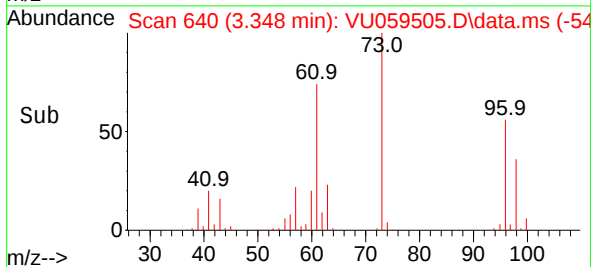
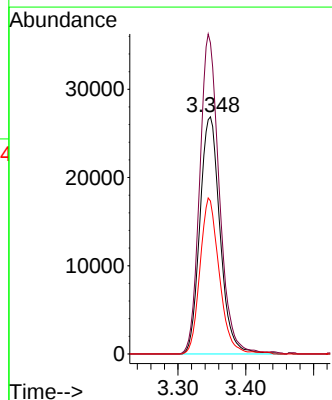
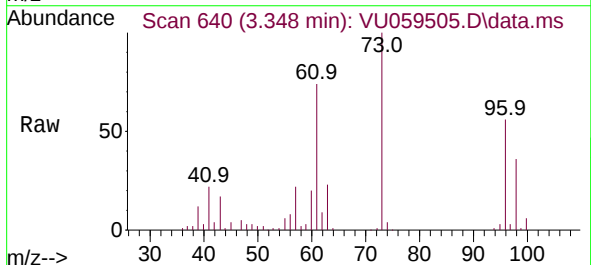
Instrument :
MSVOA_U
ClientSampleId :

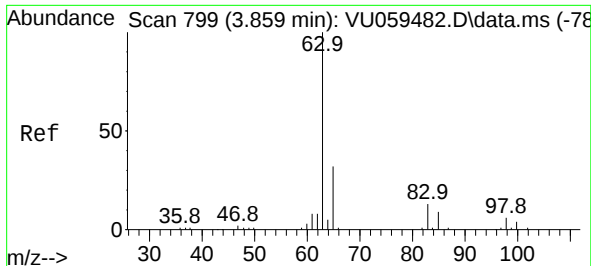
Tgt Ion: 73 Resp: 124581
Ion Ratio Lower Upper
73 100
43 18.0 14.9 22.3
57 21.6 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.420 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 96 Resp: 55504
Ion Ratio Lower Upper
96 100
61 131.2 101.8 189.0
98 64.5 43.3 80.5

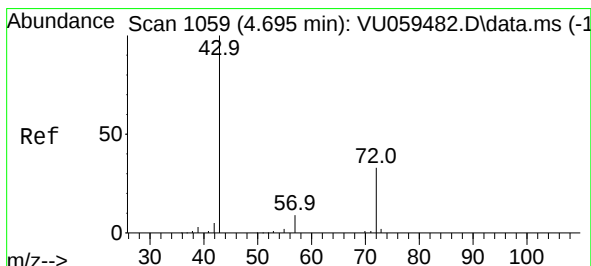
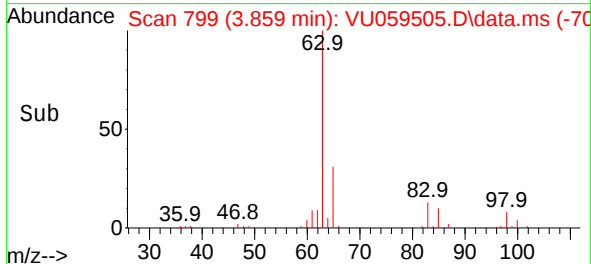
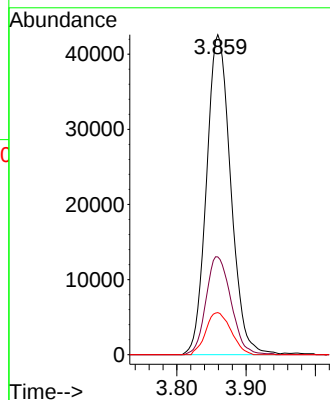
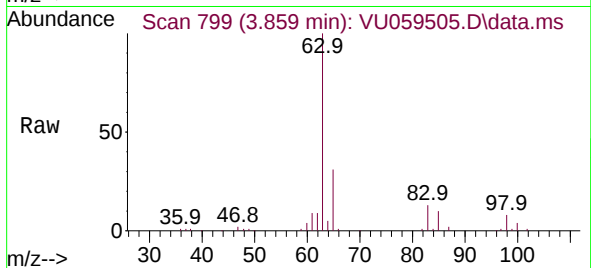




#19
1,1-Dichloroethane
Concen: 5.469 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

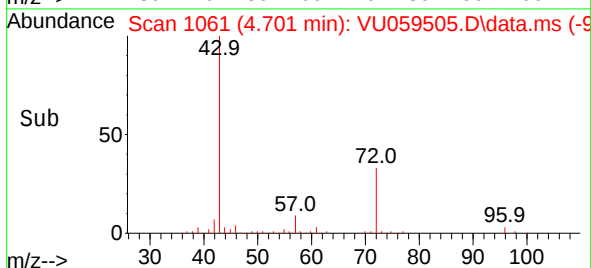
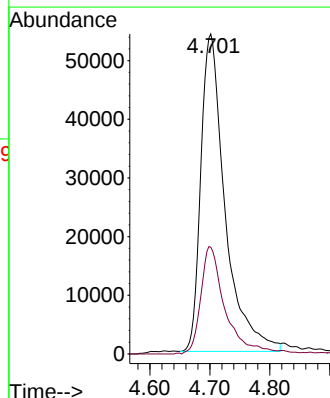
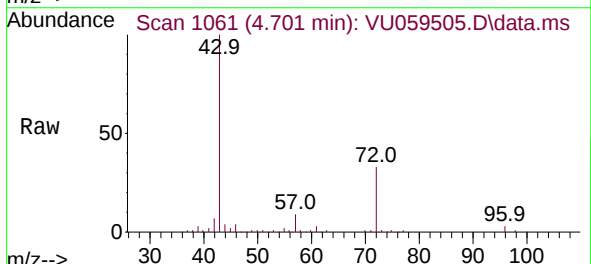
Instrument :
MSVOA_U
ClientSampleId :

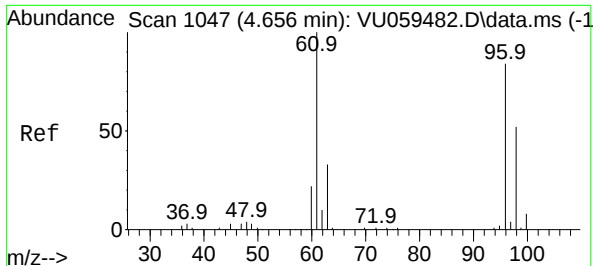
Tgt Ion: 63 Resp: 103278
Ion Ratio Lower Upper
63 100
65 30.5 21.8 40.6
83 13.1 9.9 18.5



#21
2-Butanone
Concen: 73.567 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 43 Resp: 152213
Ion Ratio Lower Upper
43 100
72 33.6 13.8 41.4

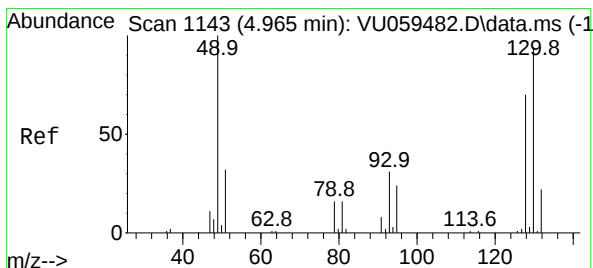
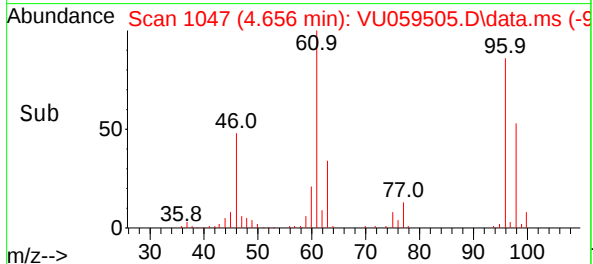
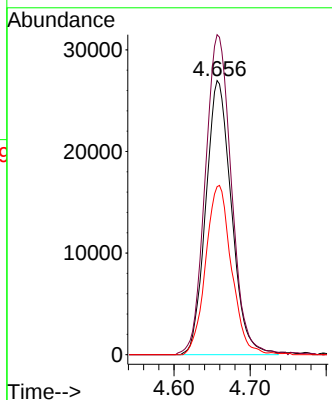
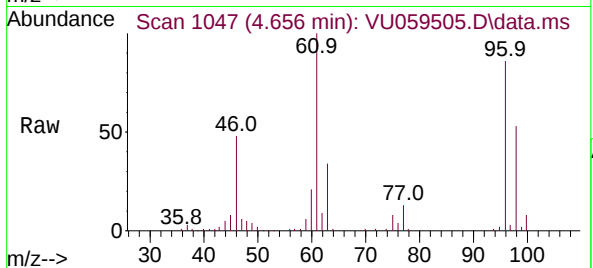




#22
 cis-1,2-Dichloroethene
 Concen: 5.607 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU059505.D
 Acq: 26 Jun 2024 05:19

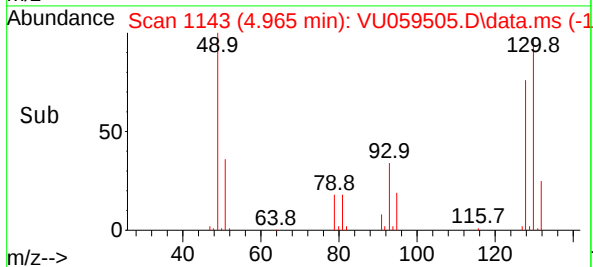
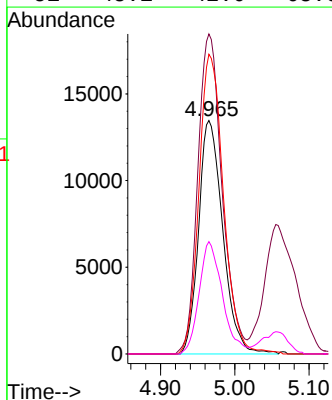
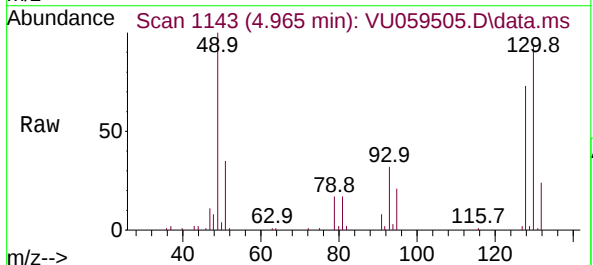
Instrument :
 MSVOA_U
 ClientSampleId :

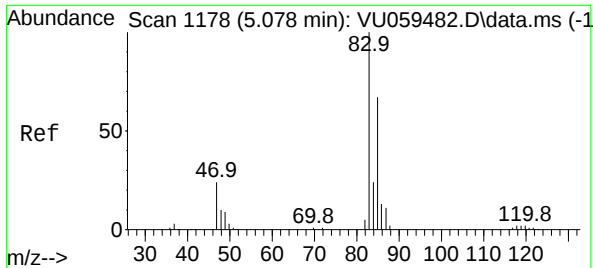
Tgt Ion: 96 Resp: 63293
 Ion Ratio Lower Upper
 96 100
 61 116.7 87.4 162.2
 98 61.3 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.925 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU059505.D
 Acq: 26 Jun 2024 05:19

Tgt Ion:128 Resp: 30491
 Ion Ratio Lower Upper
 128 100
 49 137.0 117.0 217.4
 130 128.4 89.6 166.4
 51 48.1 42.0 63.0

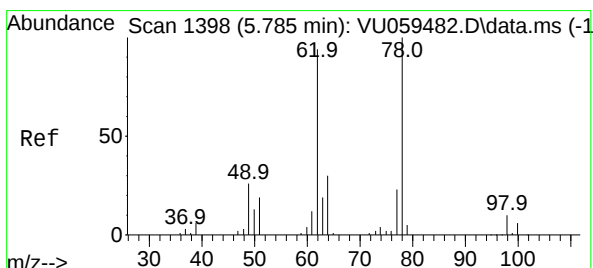
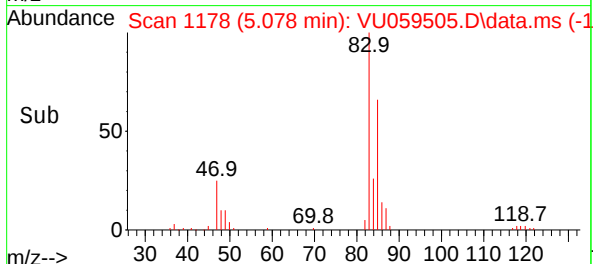
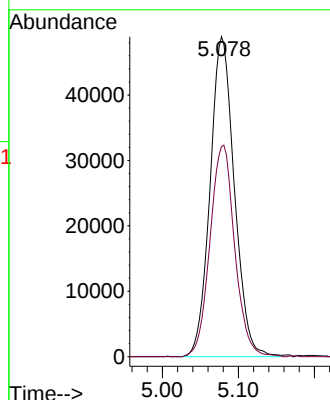
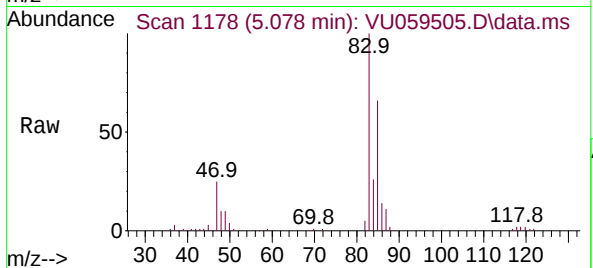




#25
Chloroform
Concen: 5.452 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

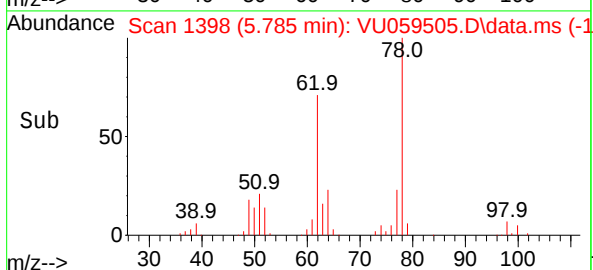
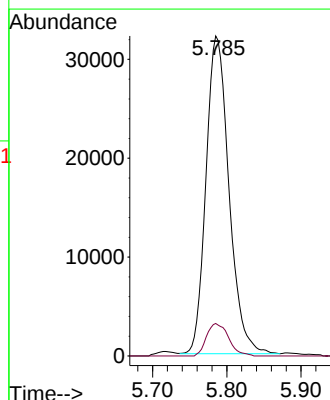
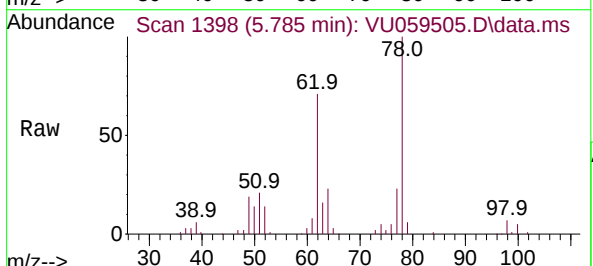
Instrument :
MSVOA_U
ClientSampleId :

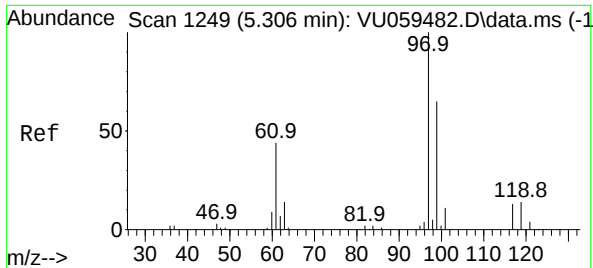
Tgt Ion: 83 Resp: 108447
Ion Ratio Lower Upper
83 100
85 65.7 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.736 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 62 Resp: 69131
Ion Ratio Lower Upper
62 100
98 10.2 7.5 11.3

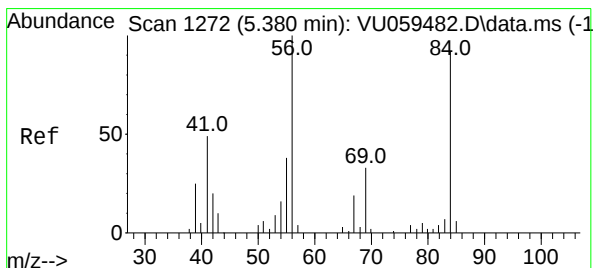
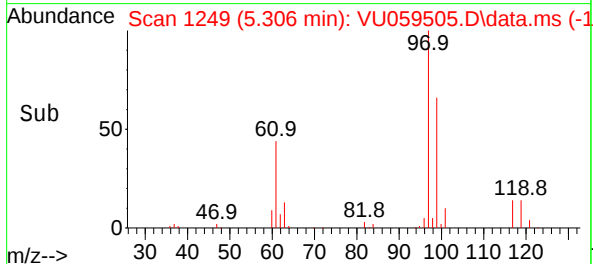
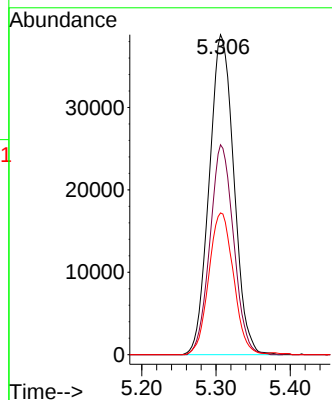
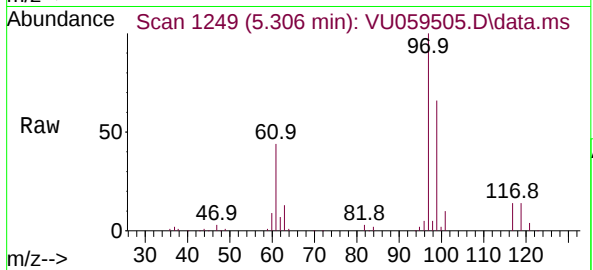




#29
1,1,1-Trichloroethane
Concen: 5.323 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

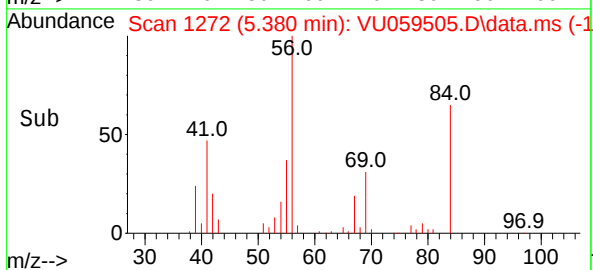
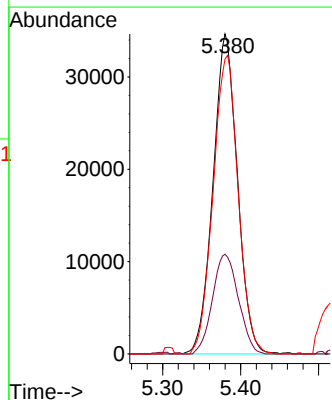
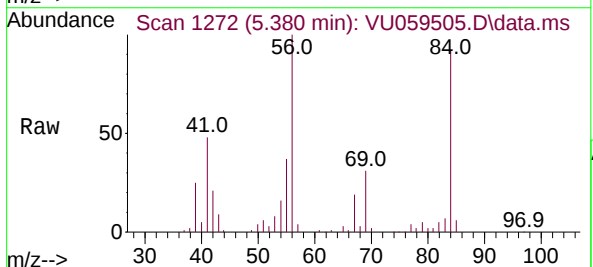
Instrument :
MSVOA_U
ClientSampleId :

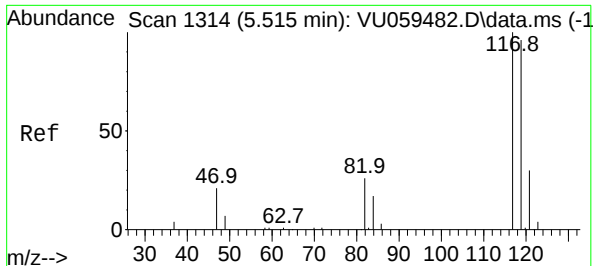
Tgt Ion: 97 Resp: 89646
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.6
61 44.4 37.4 56.2



#30
Cyclohexane
Concen: 5.071 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 56 Resp: 75403
Ion Ratio Lower Upper
56 100
69 33.0 24.8 37.2
84 95.8 69.8 104.8

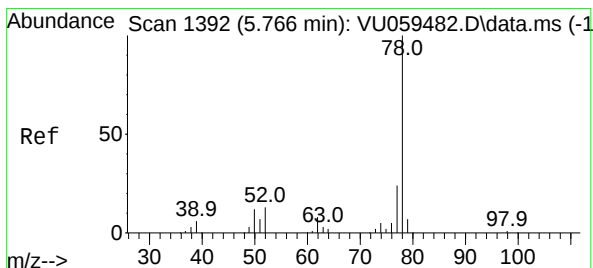
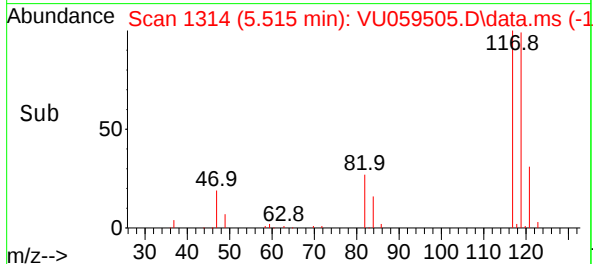
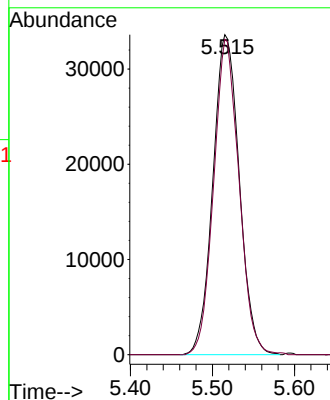
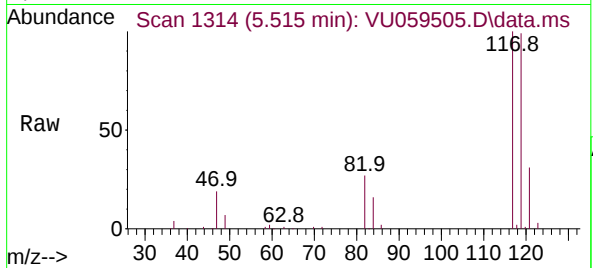




#31
Carbon tetrachloride
Concen: 5.333 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

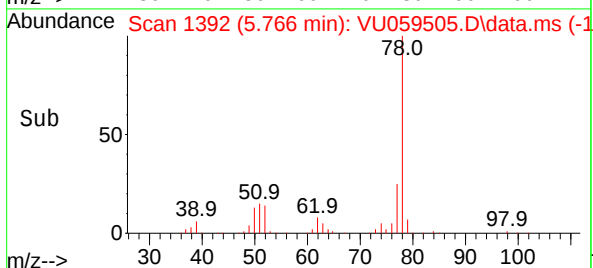
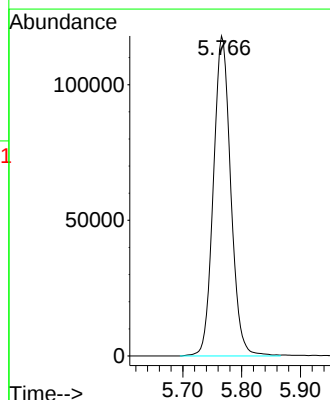
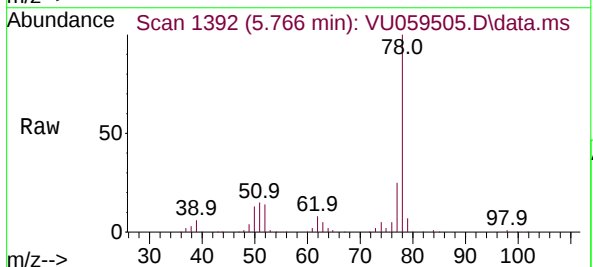
Instrument :
MSVOA_U
ClientSampleId :

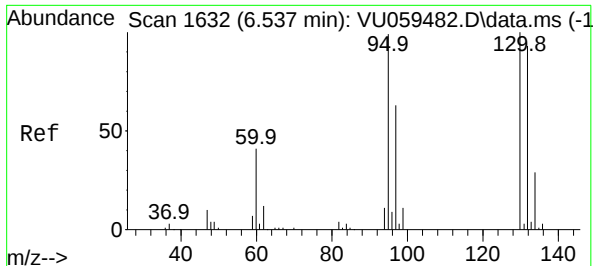
Tgt Ion:117 Resp: 75195
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3



#33
Benzene
Concen: 5.464 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 78 Resp: 241971





#34

Trichloroethene

Concen: 9.684 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 116147

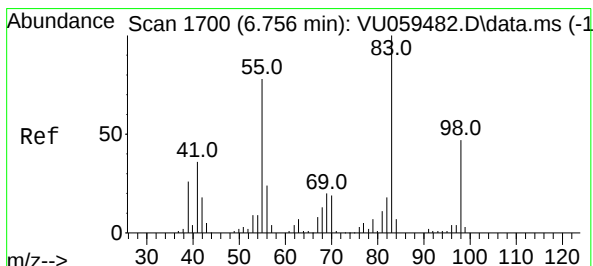
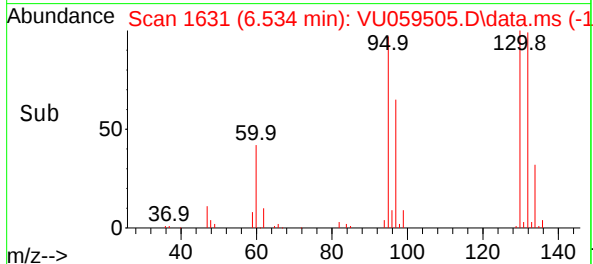
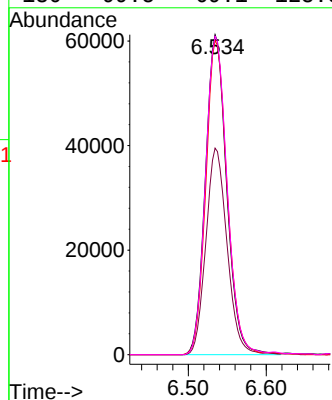
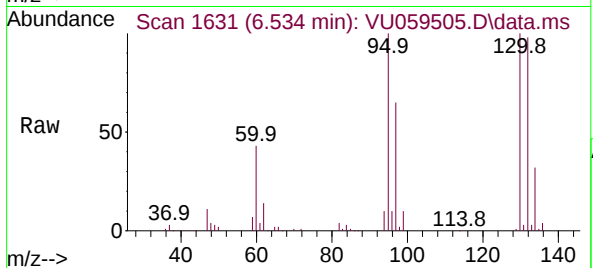
Ion Ratio Lower Upper

95 100

97 64.6 45.3 84.1

132 98.2 64.0 119.0

130 99.5 69.1 128.3



#35

Methylcyclohexane

Concen: 4.998 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

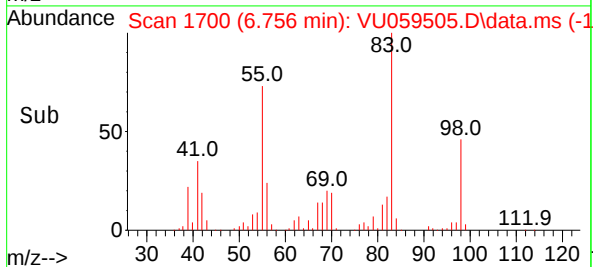
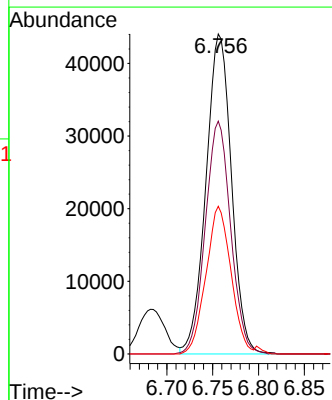
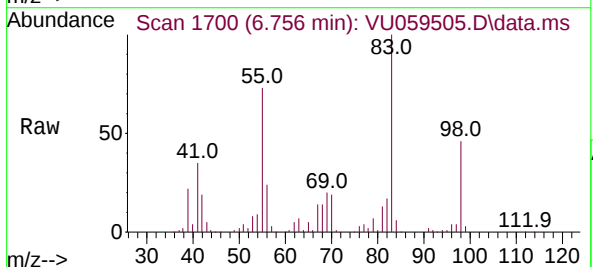
Tgt Ion: 83 Resp: 85293

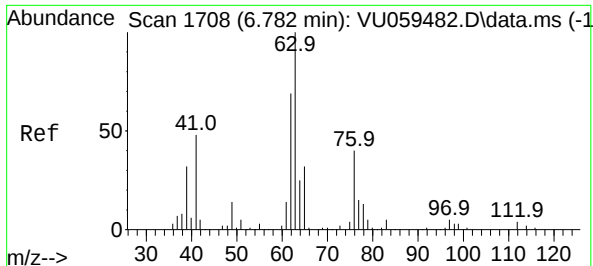
Ion Ratio Lower Upper

83 100

55 72.3 62.7 94.1

98 45.2 35.4 53.0

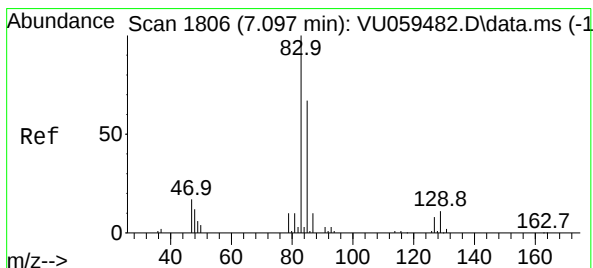
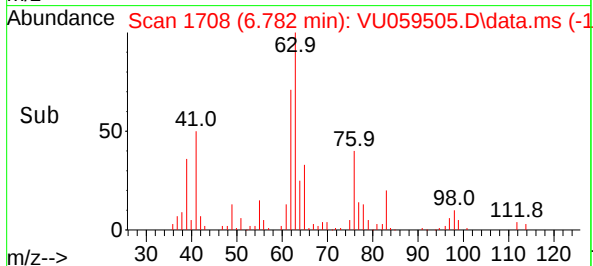
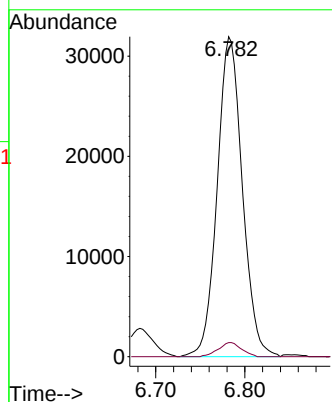
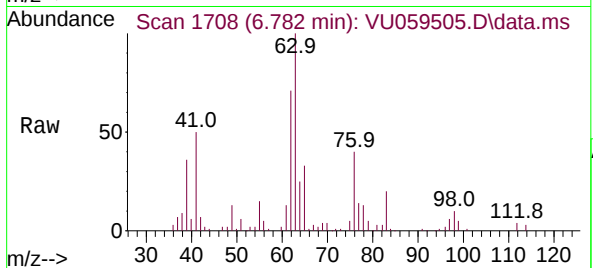




#37
1,2-Dichloropropane
Concen: 5.465 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

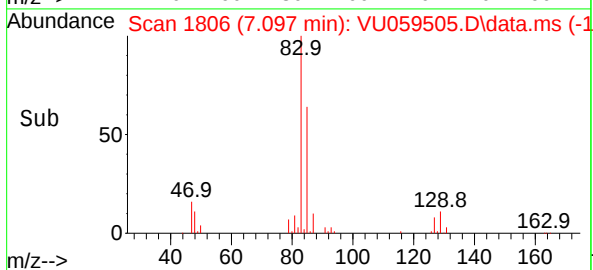
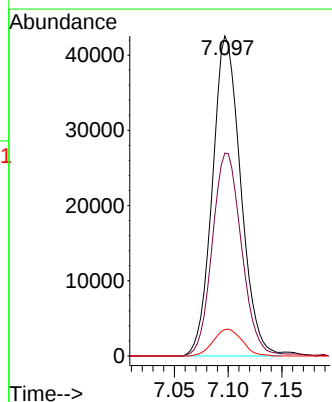
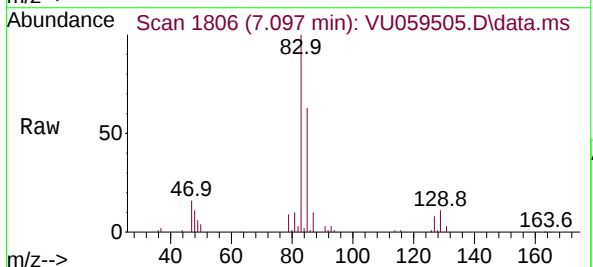
Instrument :
MSVOA_U
ClientSampleId :

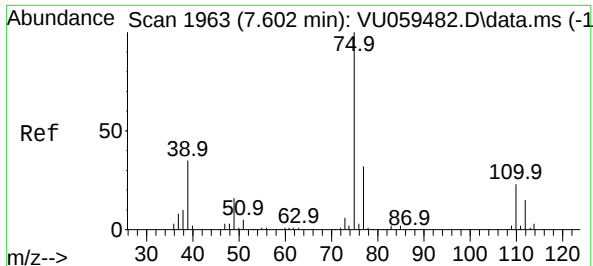
Tgt Ion: 63 Resp: 62638
Ion Ratio Lower Upper
63 100
112 4.1 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.440 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 83 Resp: 77817
Ion Ratio Lower Upper
83 100
85 63.4 42.7 79.3
127 8.3 6.1 9.1

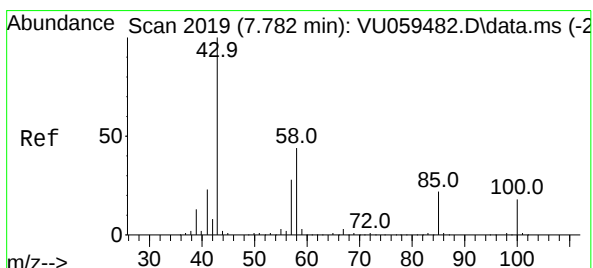
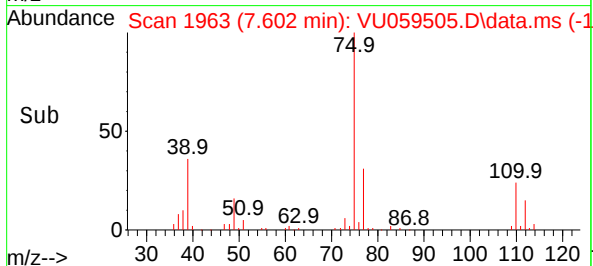
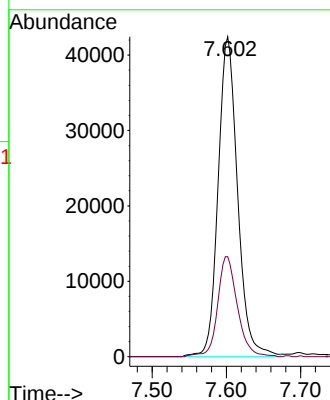
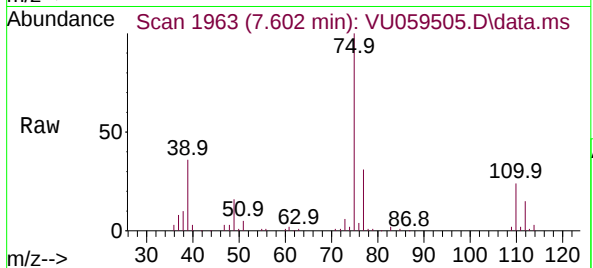




#39
 cis-1,3-Dichloropropene
 Concen: 4.943 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059505.D
 Acq: 26 Jun 2024 05:19

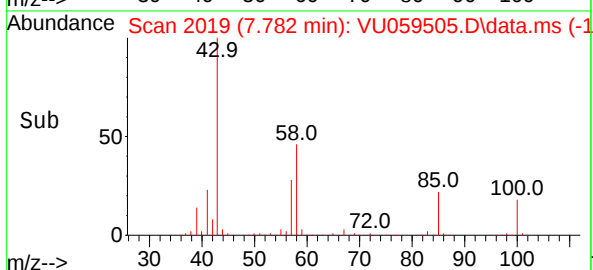
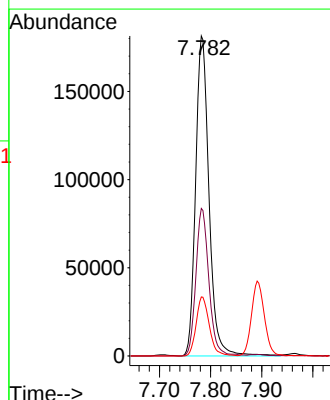
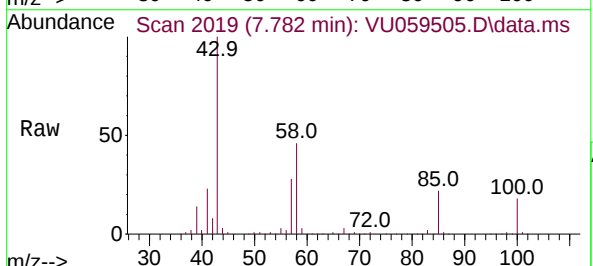
Instrument :
 MSVOA_U
 ClientSampleId :

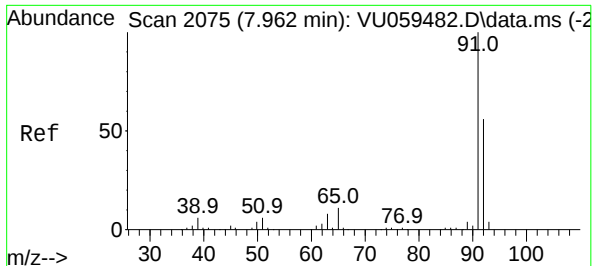
Tgt Ion: 75 Resp: 77473
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 62.174 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059505.D
 Acq: 26 Jun 2024 05:19

Tgt Ion: 43 Resp: 330182
 Ion Ratio Lower Upper
 43 100
 58 44.9 34.0 51.0
 100 18.1 12.1 18.1





#42

Toluene

Concen: 5.552 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

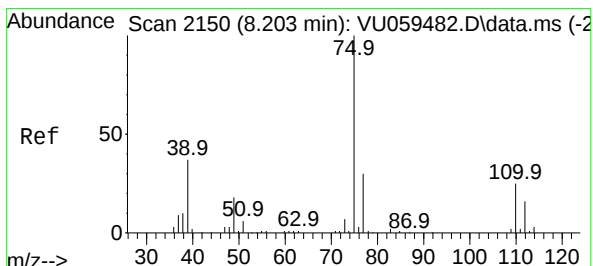
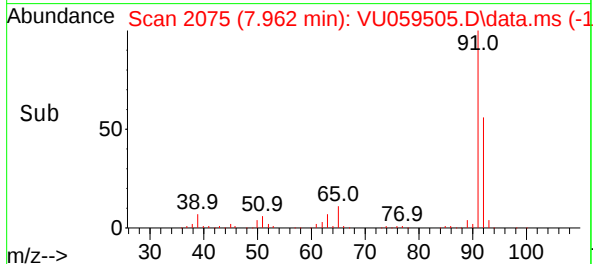
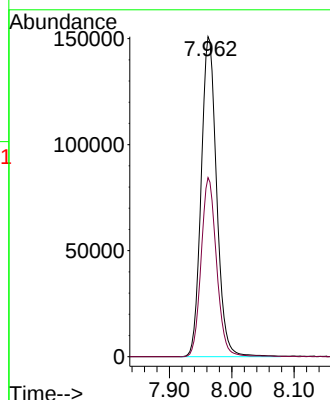
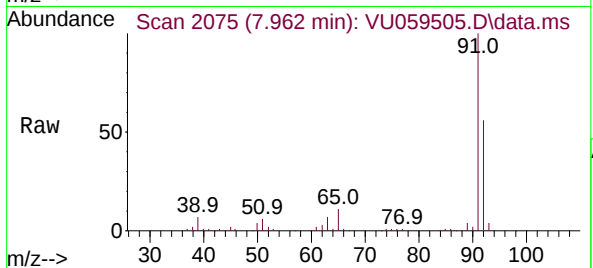
ClientSampleId :

Tgt Ion: 91 Resp: 260306

Ion Ratio Lower Upper

91 100

92 56.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.331 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059505.D

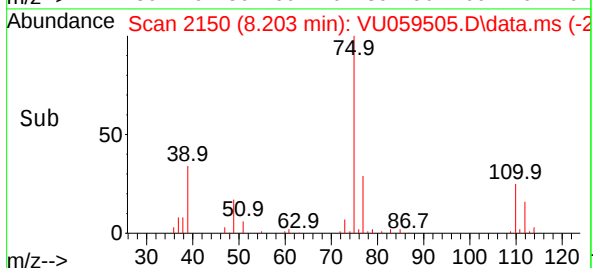
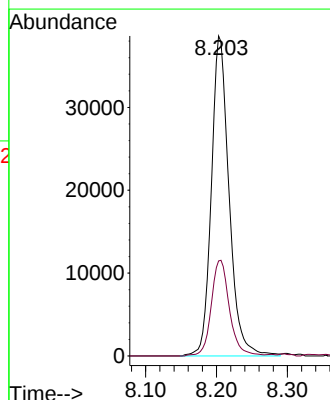
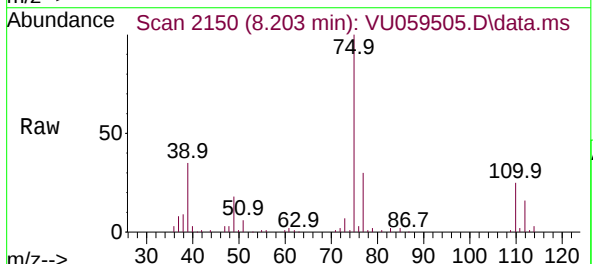
Acq: 26 Jun 2024 05:19

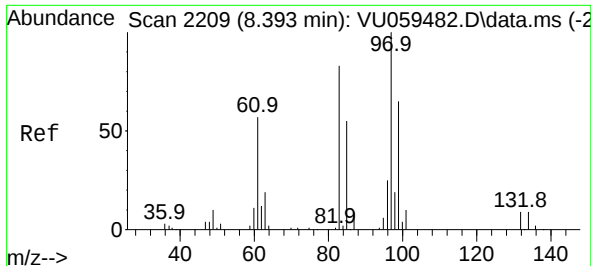
Tgt Ion: 75 Resp: 67068

Ion Ratio Lower Upper

75 100

77 29.7 22.0 41.0

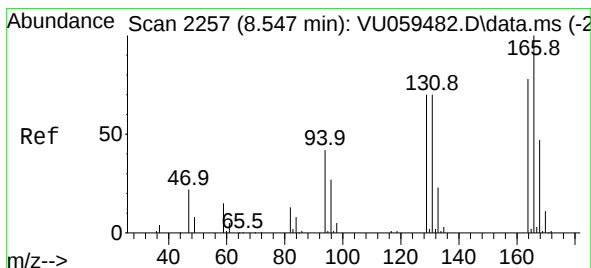
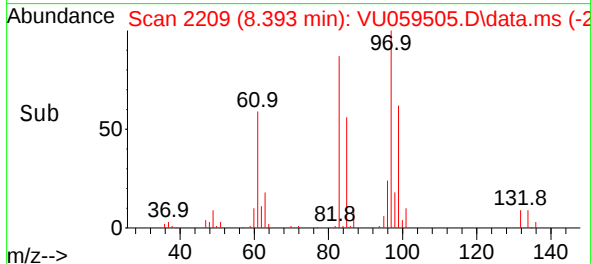
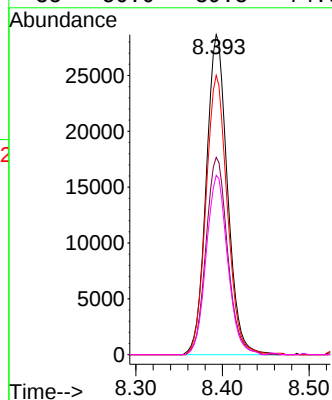
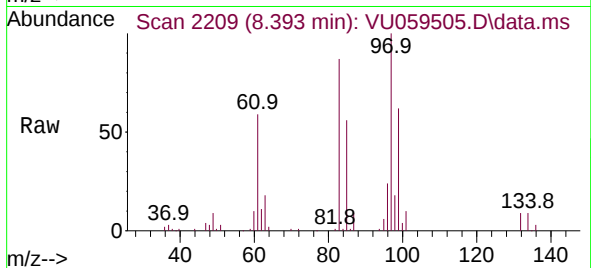




#45
1,1,2-Trichloroethane
Concen: 5.779 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

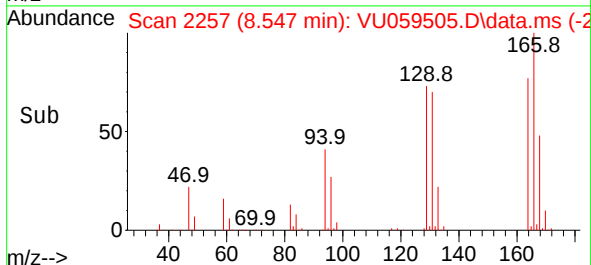
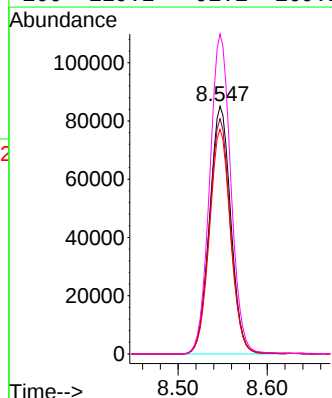
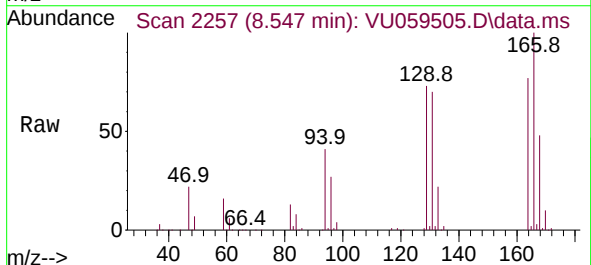
Instrument :
MSVOA_U
ClientSampleId :

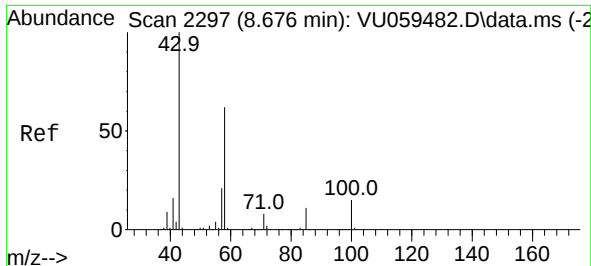
Tgt Ion:	97	Resp:	48810
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.3	80.3
83	87.3	62.3	115.7
85	56.0	39.8	74.0



#47
Tetrachloroethene
Concen: 15.157 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion:	164	Resp:	141060
Ion	Ratio	Lower	Upper
164	100		
129	94.9	70.8	131.4
131	90.7	64.8	120.3
166	129.2	91.1	169.1





#48

2-Hexanone

Concen: 63.873 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

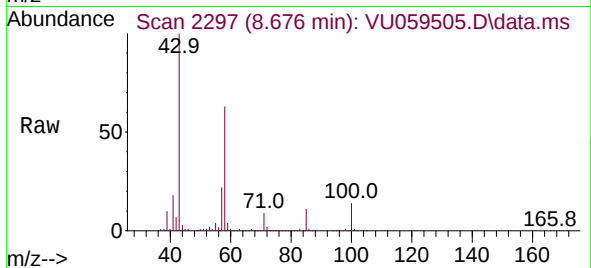
Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 242086

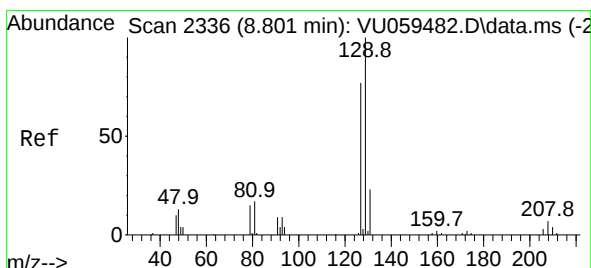
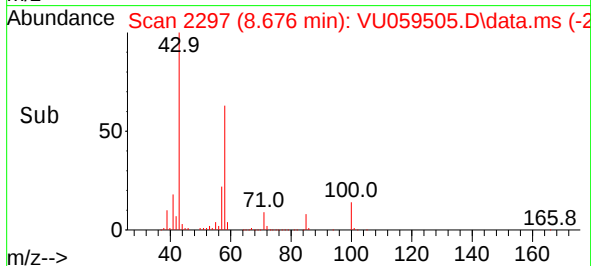
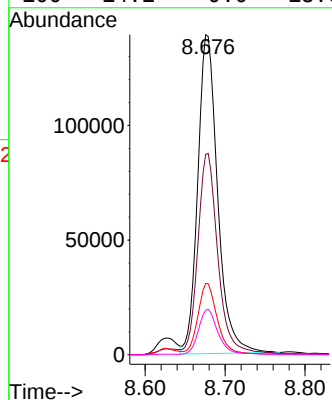
Ion Ratio Lower Upper

43 100

58 63.1 46.1 69.1

57 21.6 15.5 23.3

100 14.1 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.695 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU059505.D

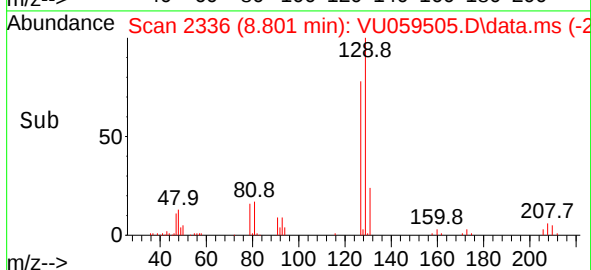
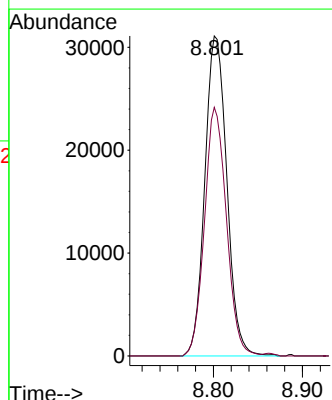
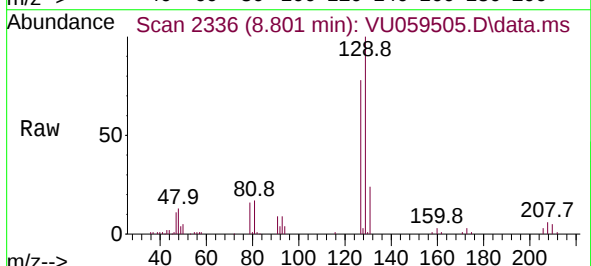
Acq: 26 Jun 2024 05:19

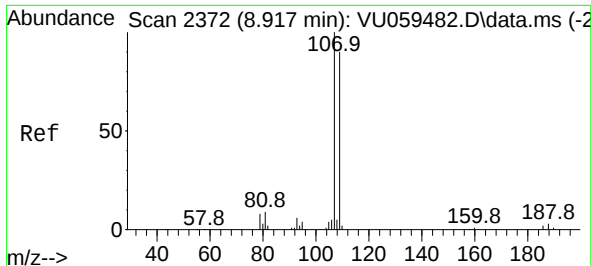
Tgt Ion:129 Resp: 53280

Ion Ratio Lower Upper

129 100

127 77.7 52.5 97.5

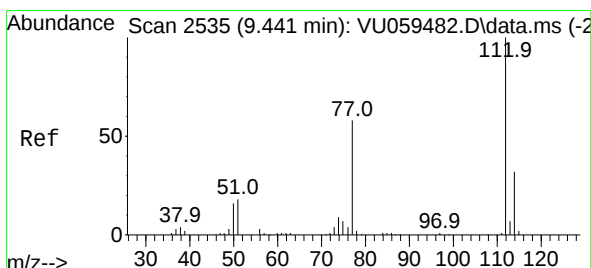
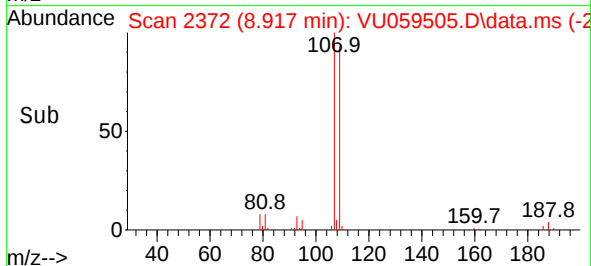
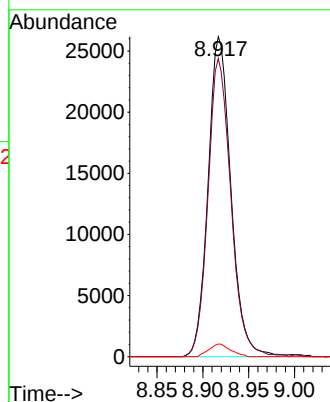
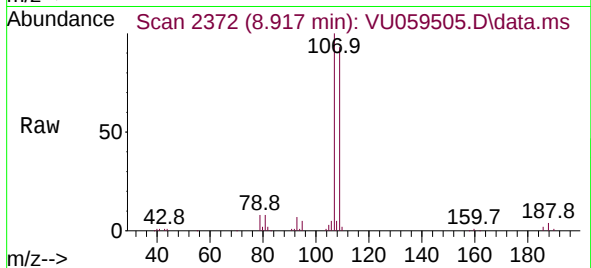




#50
1,2-Dibromoethane
Concen: 5.821 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

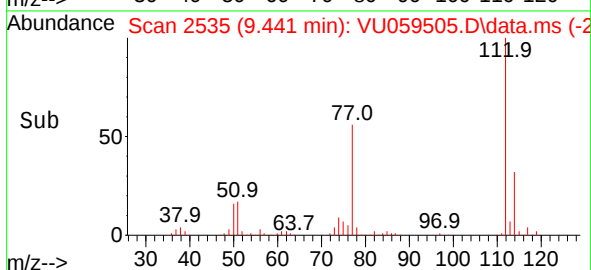
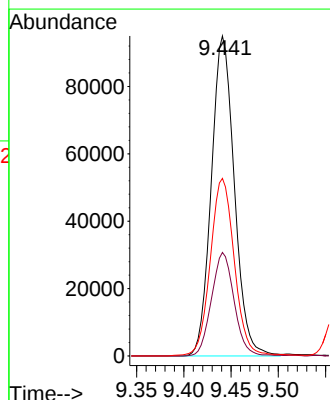
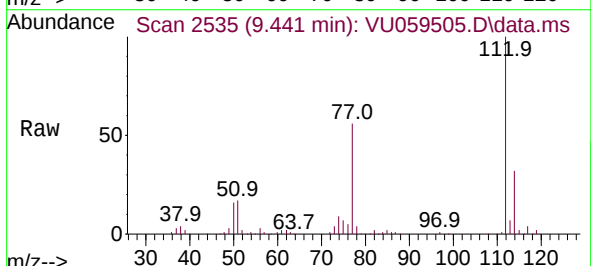
Instrument :
MSVOA_U
ClientSampleId :

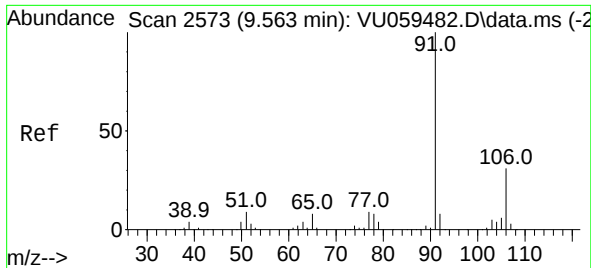
Tgt Ion:107 Resp: 45403
Ion Ratio Lower Upper
107 100
109 93.2 66.9 124.3
188 4.0 2.7 4.1



#51
Chlorobenzene
Concen: 5.413 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion:112 Resp: 160980
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 55.5 49.1 73.7

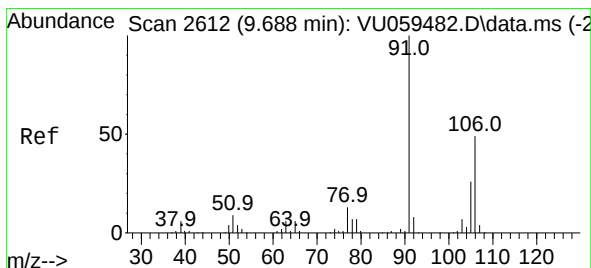
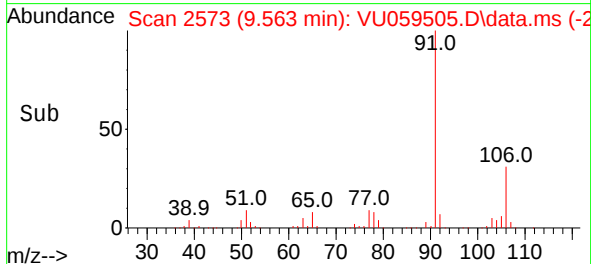
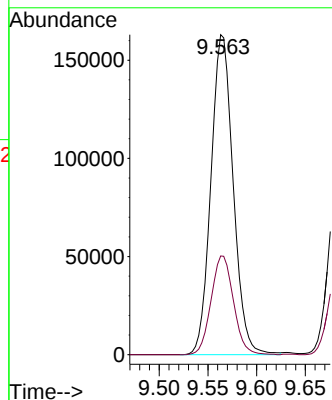
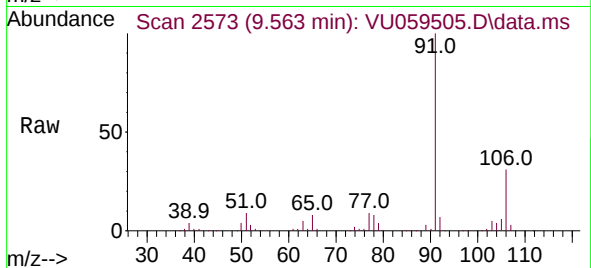




#52
Ethylbenzene
Concen: 5.385 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

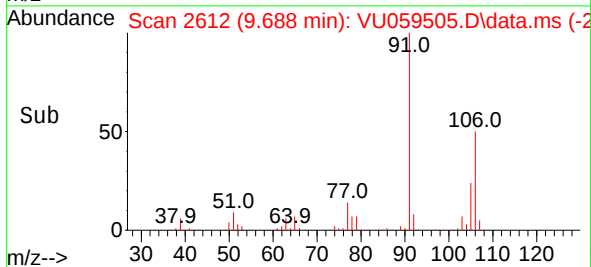
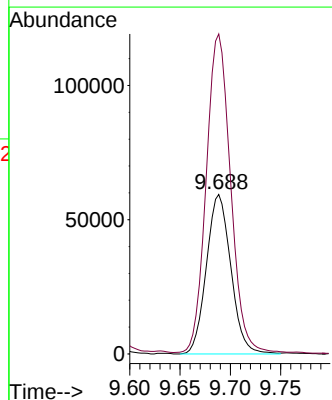
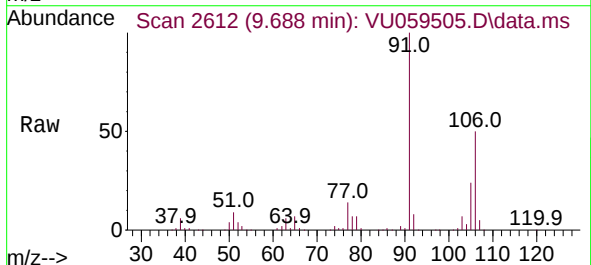
Instrument :
MSVOA_U
ClientSampleId :

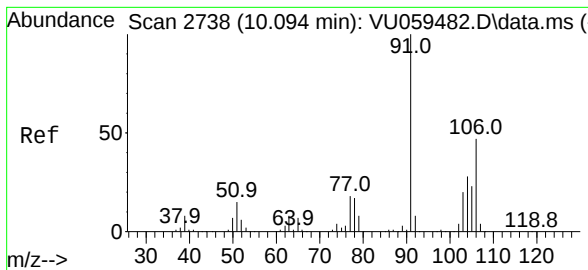
Tgt Ion: 91 Resp: 259011
Ion Ratio Lower Upper
91 100
106 30.8 20.9 38.7



#53
m,p-Xylene
Concen: 5.451 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 106 Resp: 100693
Ion Ratio Lower Upper
106 100
91 200.6 142.0 263.8

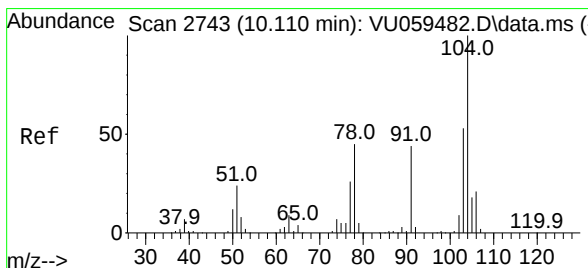
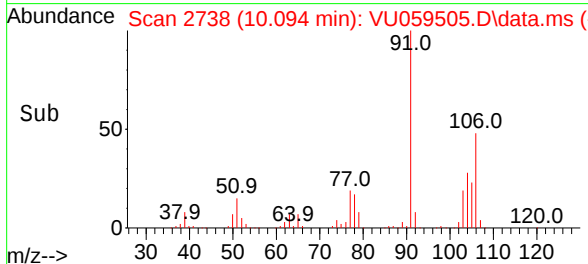
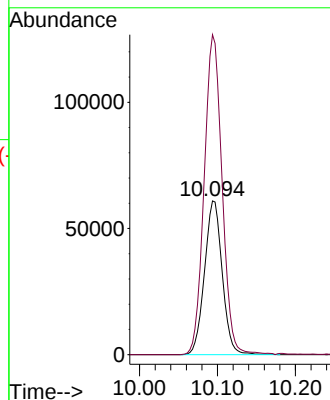
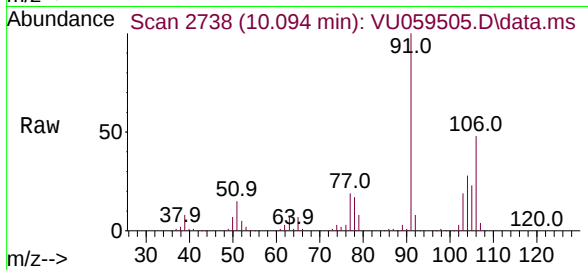




#54
o-Xylene
Concen: 5.489 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

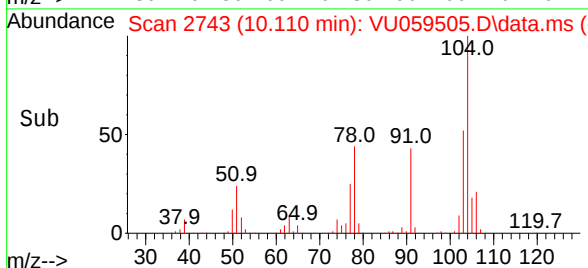
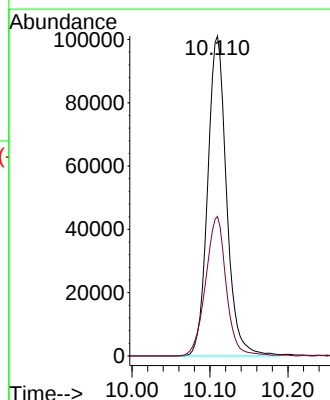
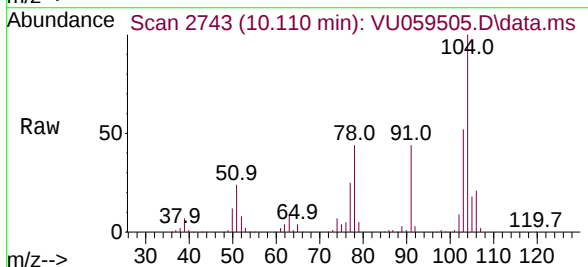
Instrument :
MSVOA_U
ClientSampleId :

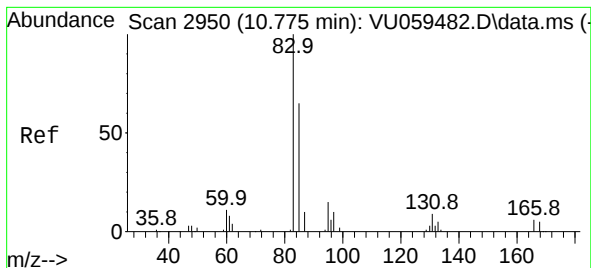
Tgt Ion:106 Resp: 96222
Ion Ratio Lower Upper
106 100
91 208.0 151.6 281.6



#55
Styrene
Concen: 5.708 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion:104 Resp: 170351
Ion Ratio Lower Upper
104 100
78 43.6 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 6.095 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

ClientSampleId :

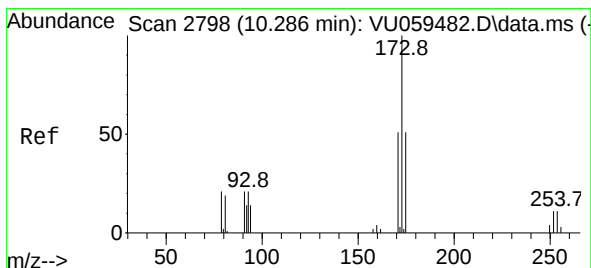
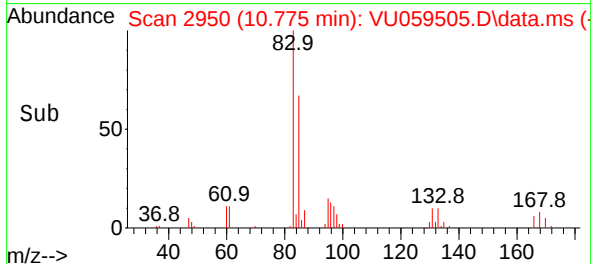
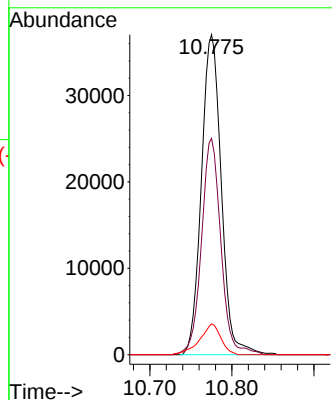
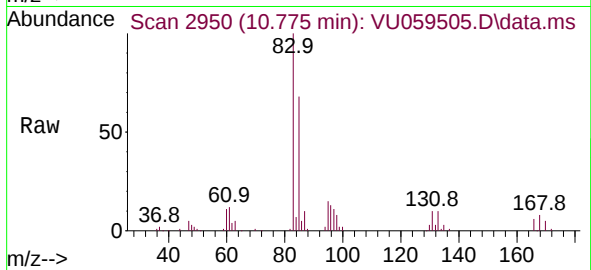
Tgt Ion: 83 Resp: 62447

Ion Ratio Lower Upper

83 100

85 67.6 44.7 82.9

131 9.6 6.9 10.3



#59

Bromoform

Concen: 5.624 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

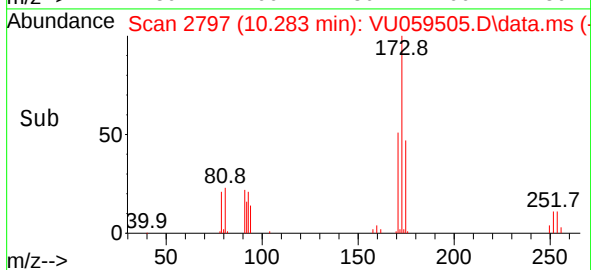
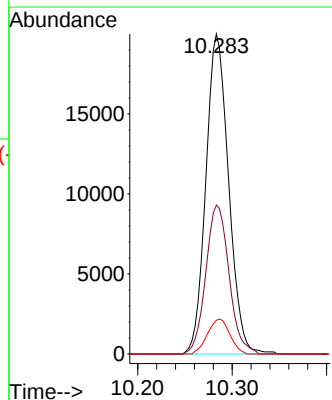
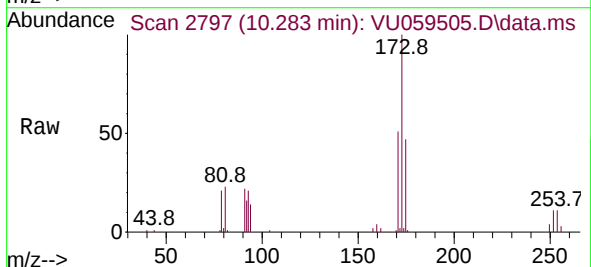
Tgt Ion:173 Resp: 33419

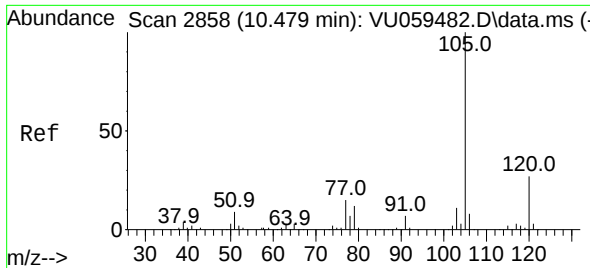
Ion Ratio Lower Upper

173 100

175 47.5 39.4 59.2

254 10.7 7.4 11.2

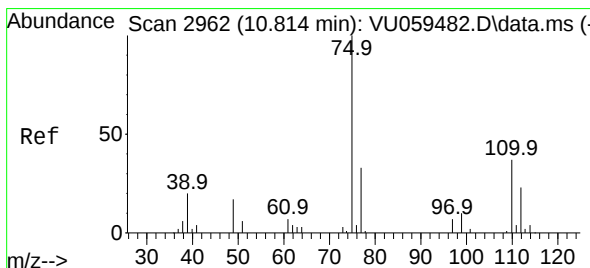
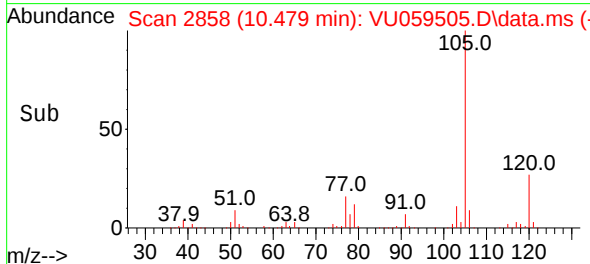
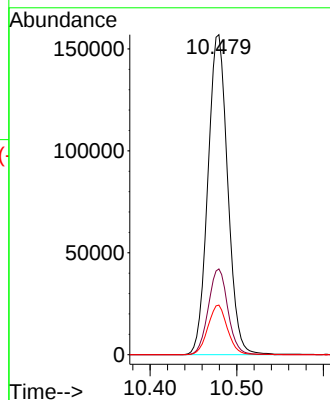
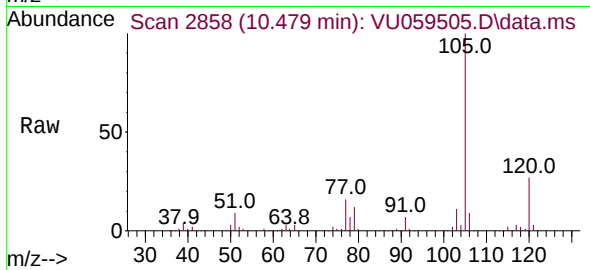




#60
Isopropylbenzene
Concen: 5.200 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

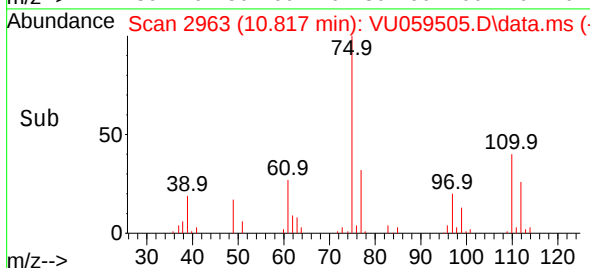
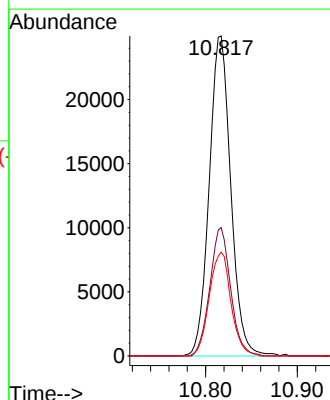
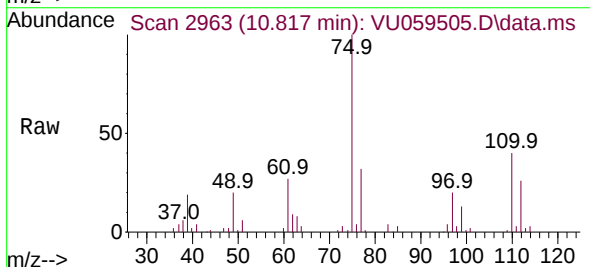
Instrument :
MSVOA_U
ClientSampleId :

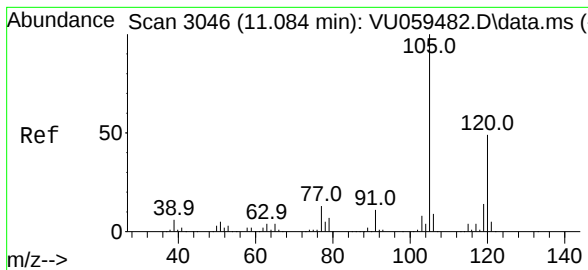
Tgt Ion:105 Resp: 249413
Ion Ratio Lower Upper
105 100
120 26.4 20.6 31.0
77 15.3 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.692 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion: 75 Resp: 40844
Ion Ratio Lower Upper
75 100
110 38.5 27.1 40.7
77 32.7 25.4 38.2

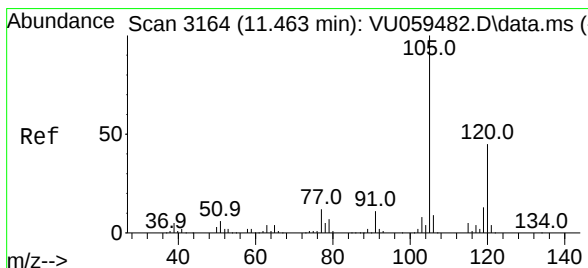
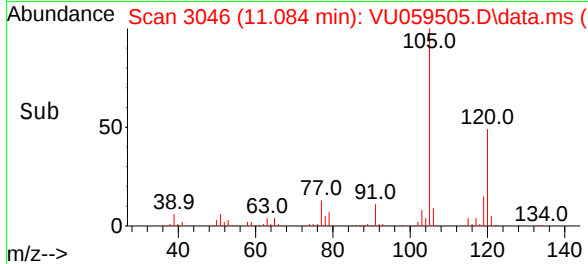
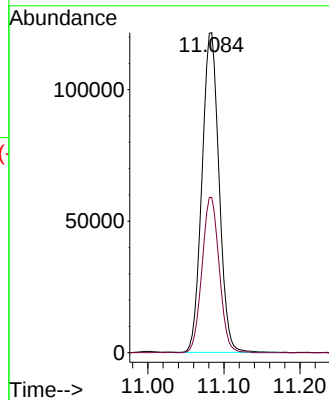
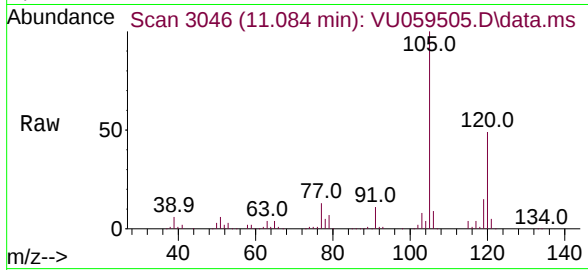




#62
1,3,5-Trimethylbenzene
Concen: 4.985 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

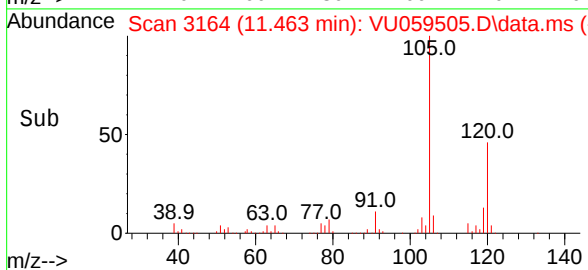
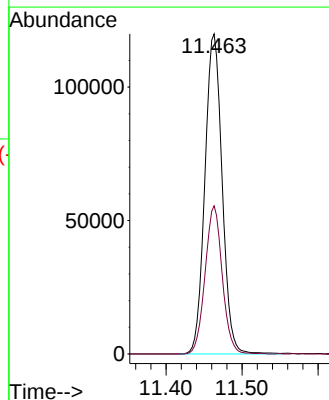
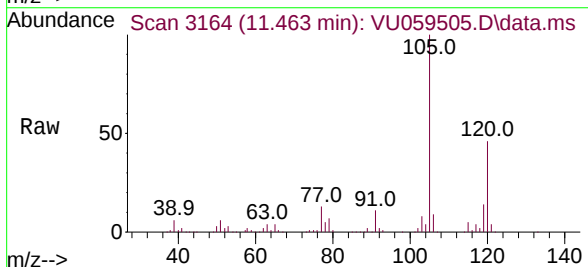
Instrument :
MSVOA_U
ClientSampleId :

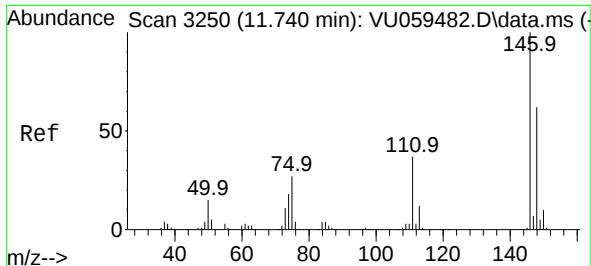
Tgt Ion:105 Resp: 189434
Ion Ratio Lower Upper
105 100
120 49.0 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.203 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion:105 Resp: 189026
Ion Ratio Lower Upper
105 100
120 46.0 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.323 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

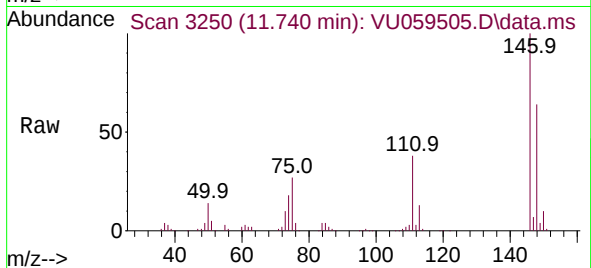
Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

ClientSampleId :



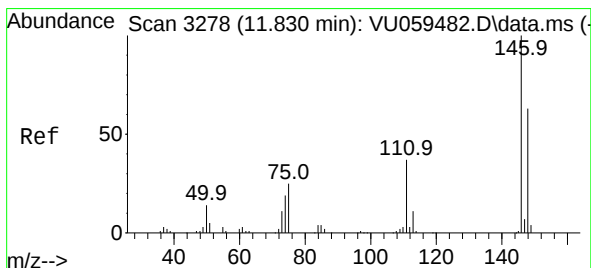
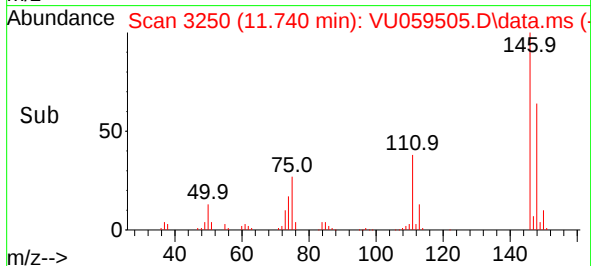
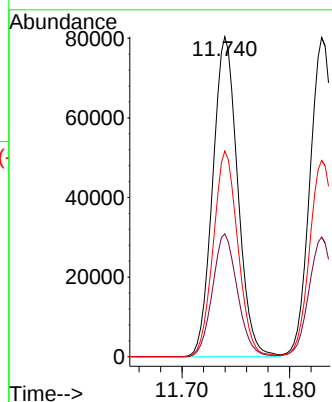
Tgt Ion:146 Resp: 129853

Ion Ratio Lower Upper

146 100

111 38.4 27.4 51.0

148 64.3 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.154 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

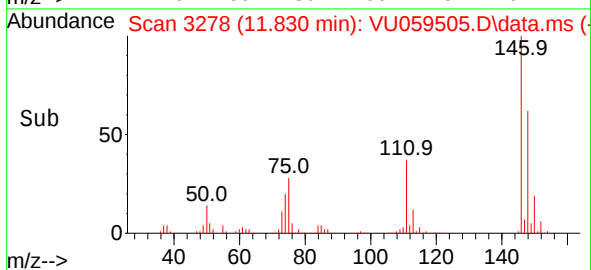
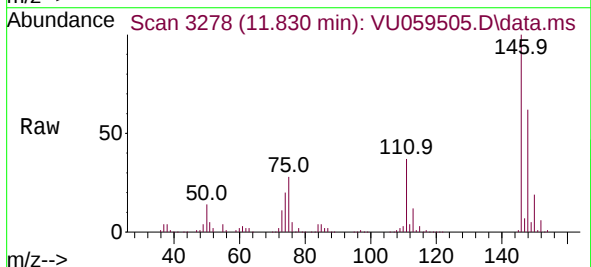
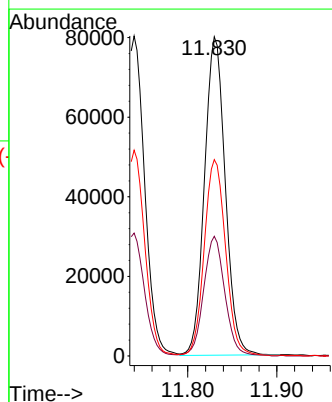
Tgt Ion:146 Resp: 129427

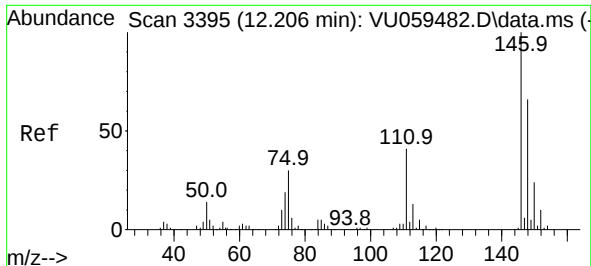
Ion Ratio Lower Upper

146 100

111 37.5 26.9 50.1

148 61.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.283 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

ClientSampleId :

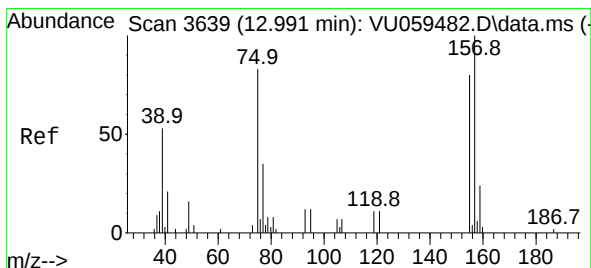
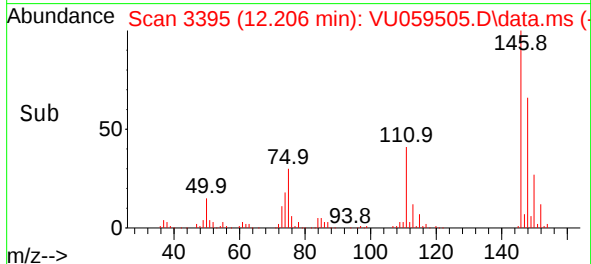
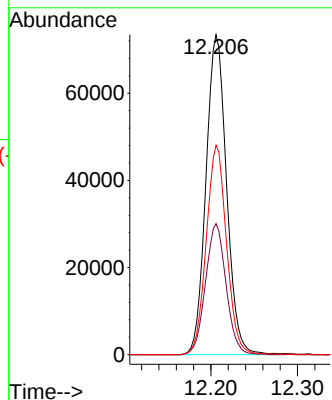
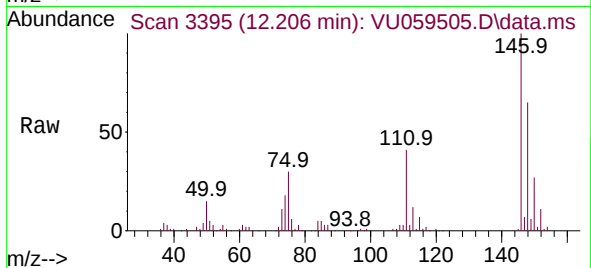
Tgt Ion:146 Resp: 121285

Ion Ratio Lower Upper

146 100

111 41.0 33.4 50.0

148 65.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.341 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

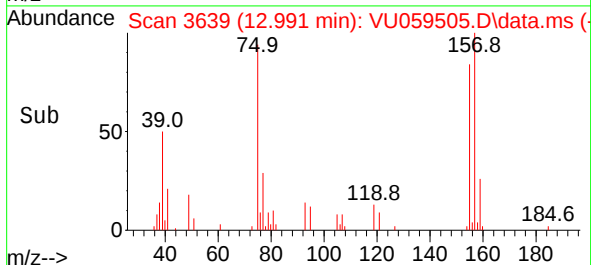
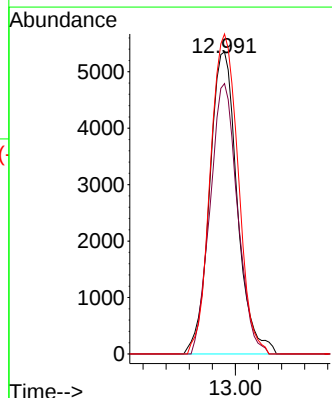
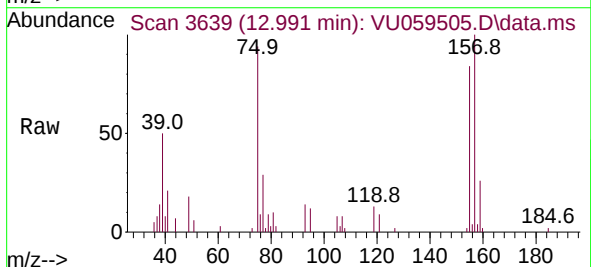
Tgt Ion: 75 Resp: 8875

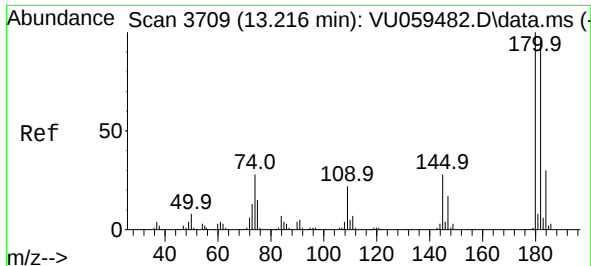
Ion Ratio Lower Upper

75 100

155 89.5 58.2 87.2#

157 105.9 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.982 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

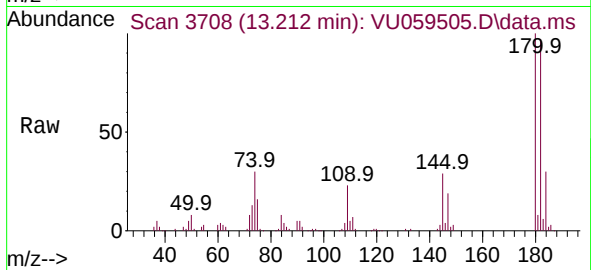
Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 89976

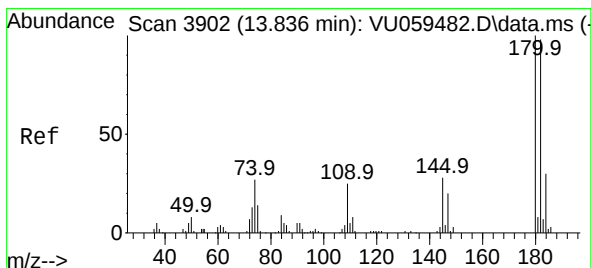
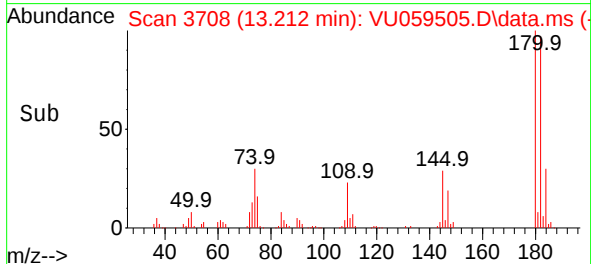
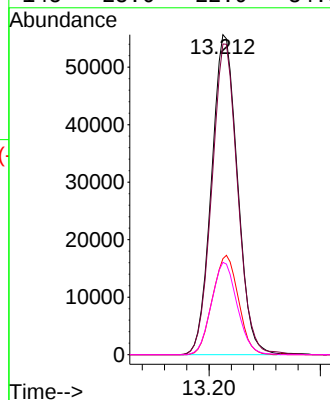
Ion Ratio Lower Upper

180 100

182 96.7 75.4 113.0

184 31.0 23.0 34.6

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.156 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059505.D

Acq: 26 Jun 2024 05:19

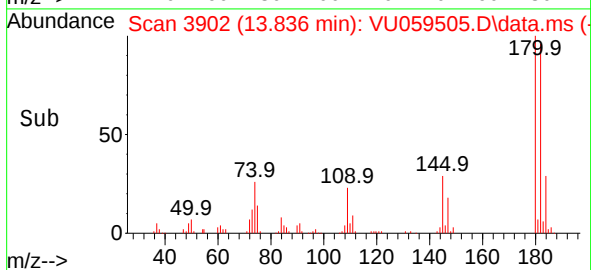
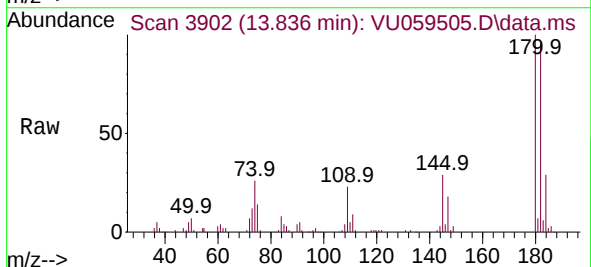
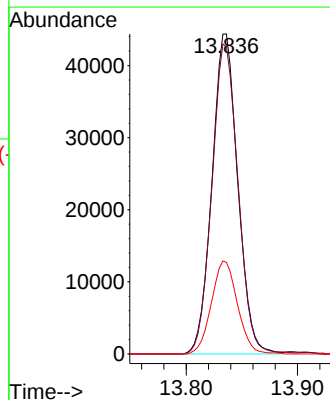
Tgt Ion:180 Resp: 71432

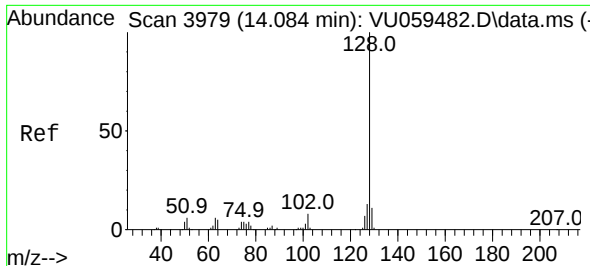
Ion Ratio Lower Upper

180 100

182 97.9 74.9 112.3

145 29.3 23.9 35.9

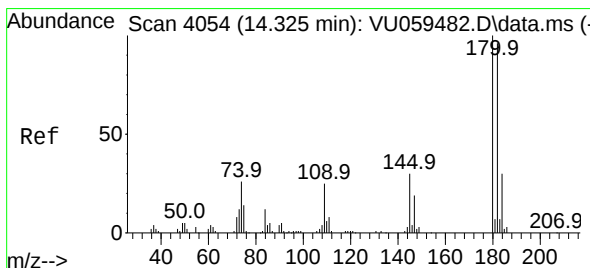
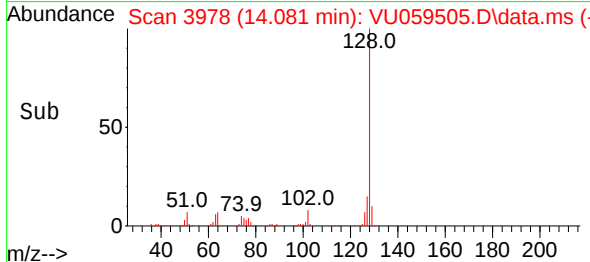
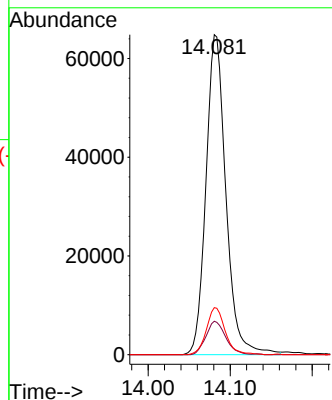
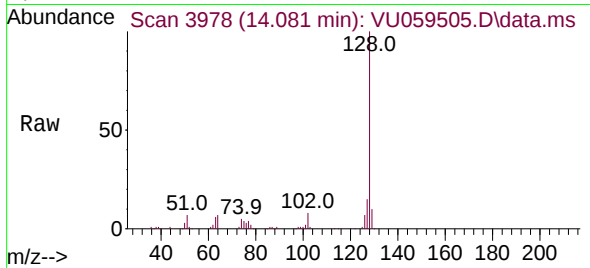




#71
Naphthalene
Concen: 5.536 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 109763
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.386 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059505.D
Acq: 26 Jun 2024 05:19

Tgt Ion:180 Resp: 69279
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.6
145 30.5 26.2 39.4

