

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059612.D
 Acq On : 28 Jun 2024 11:21
 Operator : MD/SY
 Sample : P3007-22MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 23:14:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39991	3.706	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.907	69	42431	4.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	17416	3.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.621	46	106055	47.708	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.420%
24) Chloroform-d	5.055	84	100550	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	46589	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.721	84	195730	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	60668	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.891	98	185198	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	17593	4.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.627	63	91995	52.772	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52108	4.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	65899	4.486	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59265	4.507	ug/L	96
3) Chloromethane	1.515	50	68789	4.860	ug/L	98
5) Vinyl chloride	1.599	62	74926	4.792	ug/L	100
6) Bromomethane	1.853	94	38894	3.577	ug/L	92
8) Chloroethane	1.927	64	48061	5.101	ug/L	97
9) Trichlorofluoromethane	2.132	101	91419	4.857	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54059	4.537	ug/L	93
12) 1,1-Dichloroethene	2.573	96	53478	4.858	ug/L	82
13) Acetone	2.631	43	75647	52.458	ug/L	96
14) Carbon disulfide	2.788	76	171725	4.676	ug/L	100
15) Methyl Acetate	2.949	43	11024	2.897	ug/L #	89
16) Methylene chloride	3.039	84	63605	4.876	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	120362	5.074	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	58010	5.067	ug/L	91
19) 1,1-Dichloroethane	3.859	63	105125	4.980	ug/L	98
21) 2-Butanone	4.698	43	119020	51.458	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	63495	5.032	ug/L	97
23) Bromochloromethane	4.965	128	29611	5.147	ug/L	88
25) Chloroform	5.078	83	111848	5.030	ug/L	98

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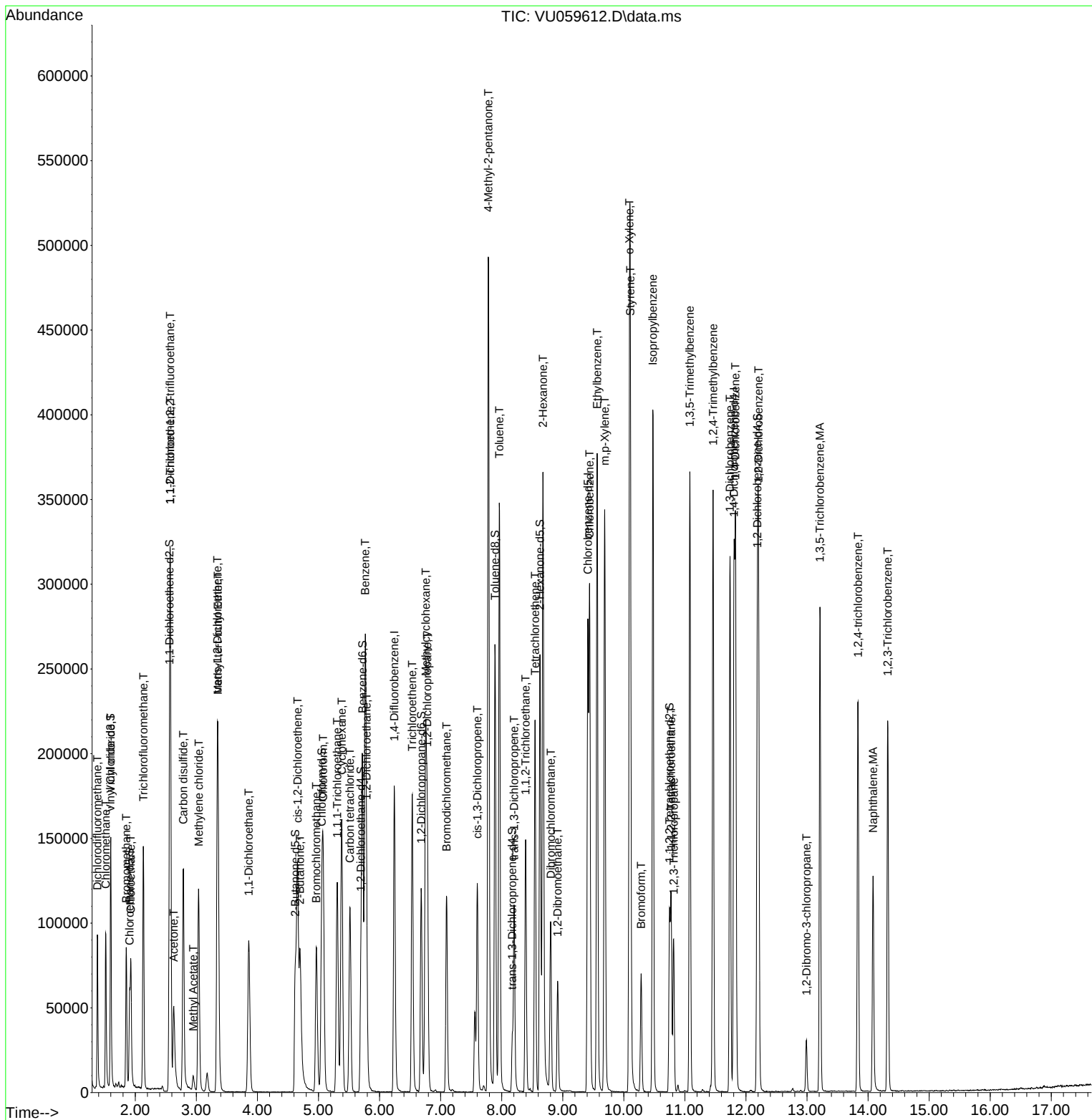
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 ClientSampleId :

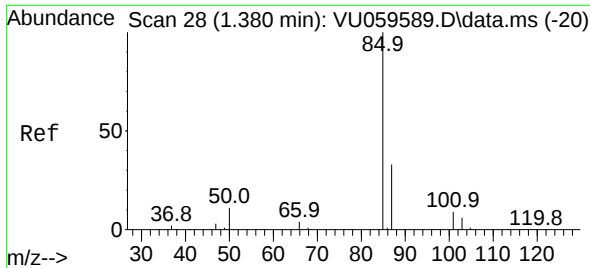
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68565	5.089	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	91768	5.002	ug/L	97
30) Cyclohexane	5.380	56	74926	4.626	ug/L	94
31) Carbon tetrachloride	5.515	117	75749	4.931	ug/L	100
33) Benzene	5.766	78	246118	5.101	ug/L	100
34) Trichloroethene	6.534	95	61742	4.725	ug/L	95
35) Methylcyclohexane	6.756	83	82847	4.456	ug/L	93
37) 1,2-Dichloropropane	6.782	63	63846	5.114	ug/L	98
38) Bromodichloromethane	7.097	83	78833	5.058	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	77857	4.560	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	300204	51.889	ug/L #	94
42) Toluene	7.962	91	267001	5.227	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	64216	4.686	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	48333	5.253	ug/L	97
47) Tetrachloroethene	8.547	164	50854	5.016	ug/L	92
48) 2-Hexanone	8.676	43	217568	52.693	ug/L #	94
49) Dibromochloromethane	8.804	129	52410	5.142	ug/L	98
50) 1,2-Dibromoethane	8.917	107	45594	5.366	ug/L	100
51) Chlorobenzene	9.441	112	167956	5.184	ug/L	96
52) Ethylbenzene	9.563	91	262751	5.014	ug/L	97
53) m,p-Xylene	9.688	106	103363	5.136	ug/L	96
54) o-Xylene	10.094	106	99083	5.188	ug/L	100
55) Styrene	10.110	104	166227	5.113	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	58765	5.265	ug/L	97
59) Bromoform	10.283	173	32507	5.146	ug/L	96
60) Isopropylbenzene	10.476	105	257982	5.060	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	38435	5.039	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	195095	4.830	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	195335	5.058	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	134473	5.185	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	133277	4.993	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	124185	5.088	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8041	5.405	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.212	180	94526	4.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	75626	5.135	ug/L	97
71) Naphthalene	14.084	128	111858	5.307	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	72858	5.328	ug/L	99

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

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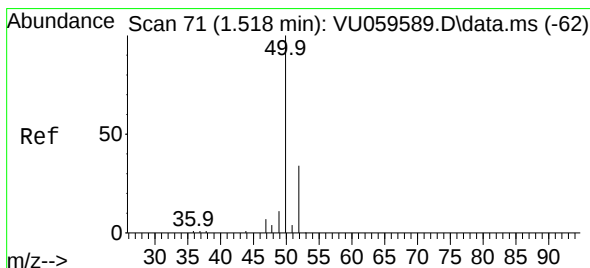
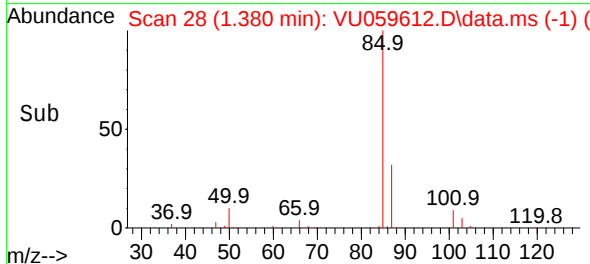
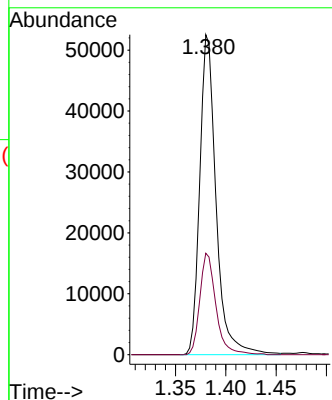
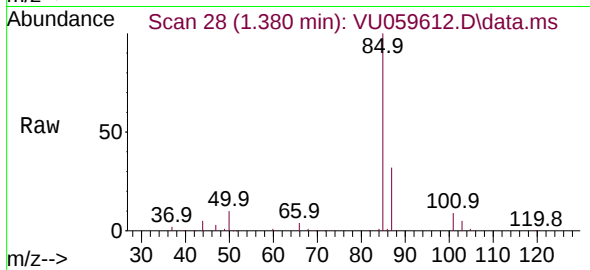




#2
 Dichlorodifluoromethane
 Concen: 4.507 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU059612.D
 Acq: 28 Jun 2024 11:21

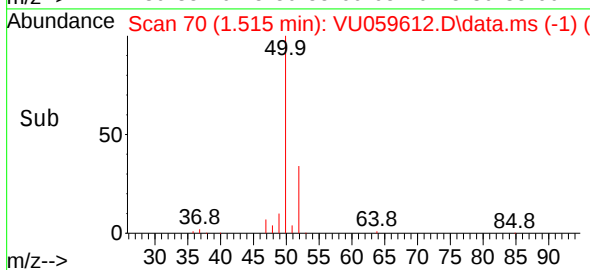
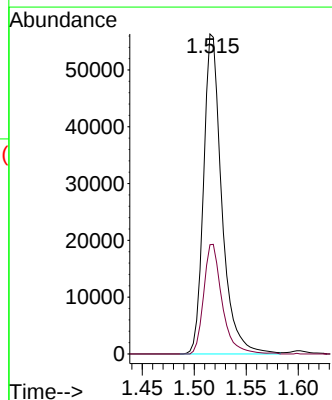
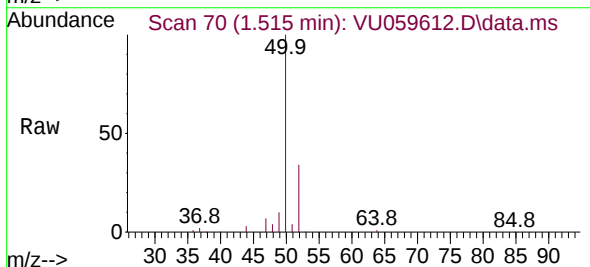
Instrument :
 MSVOA_U
 ClientSampleId :

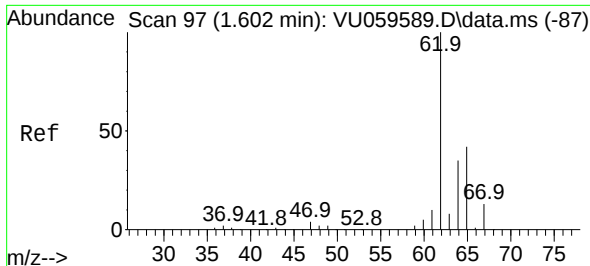
Tgt Ion: 85 Resp: 59265
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.6 40.0



#3
 Chloromethane
 Concen: 4.860 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU059612.D
 Acq: 28 Jun 2024 11:21

Tgt Ion: 50 Resp: 68789
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.2 43.0





#5

Vinyl chloride

Concen: 4.792 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

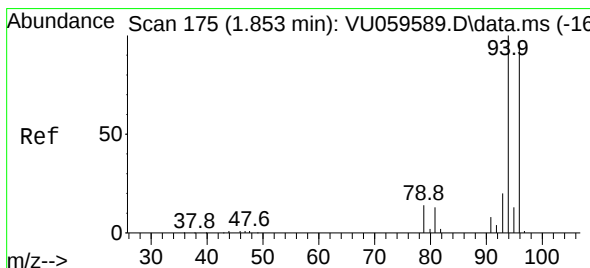
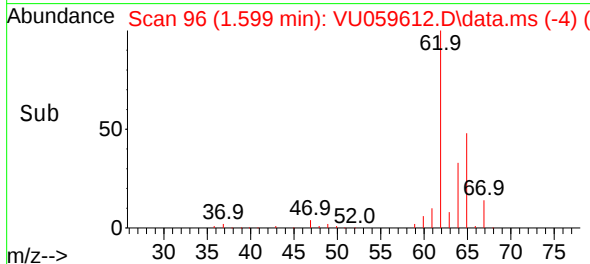
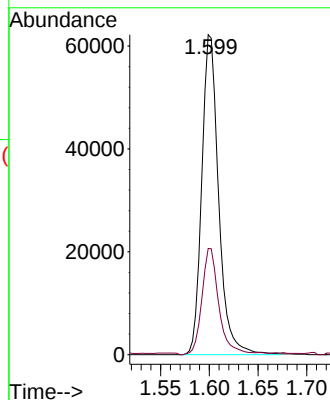
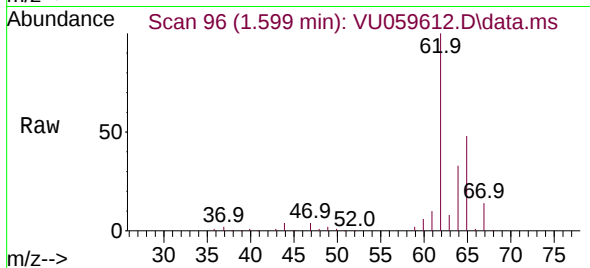
ClientSampleId :

Tgt Ion: 62 Resp: 74926

Ion Ratio Lower Upper

62 100

64 33.2 23.1 42.9



#6

Bromomethane

Concen: 3.577 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU059612.D

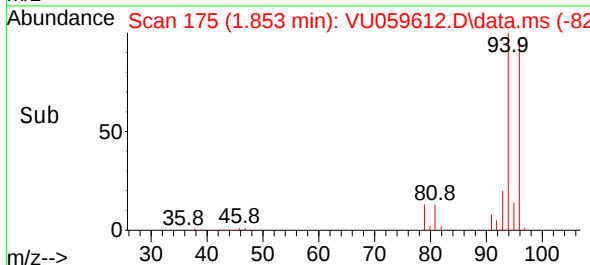
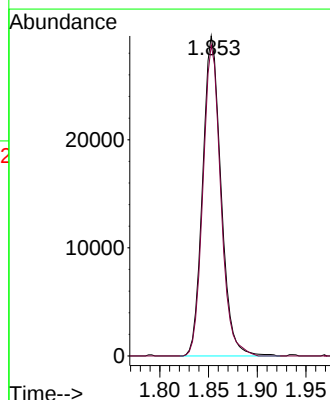
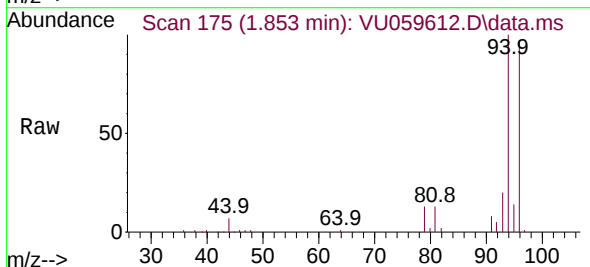
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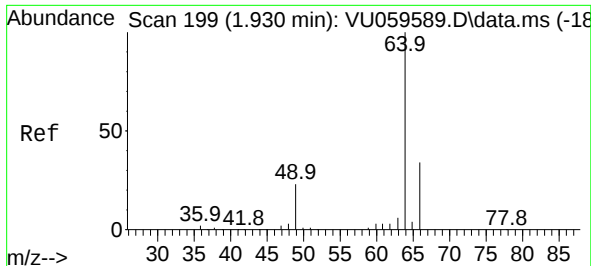
Tgt Ion: 94 Resp: 38894

Ion Ratio Lower Upper

94 100

96 97.2 62.9 116.9

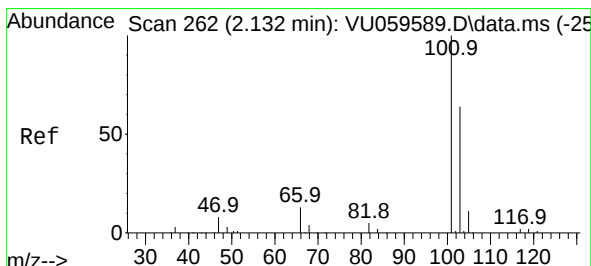
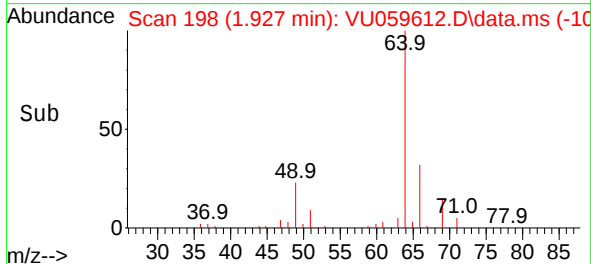
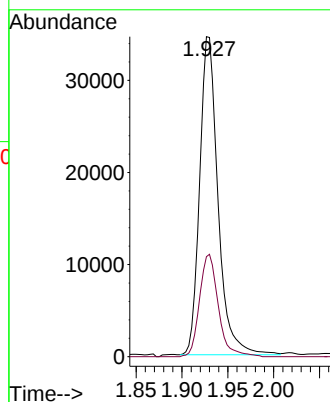
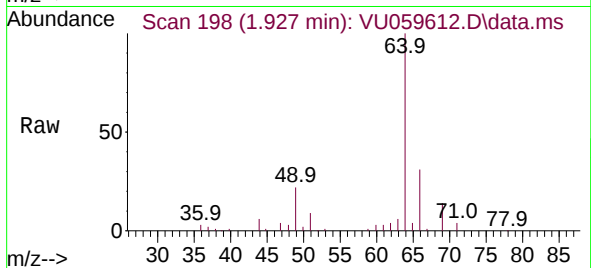




#8
Chloroethane
Concen: 5.101 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

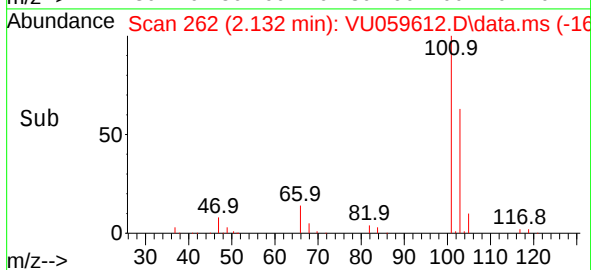
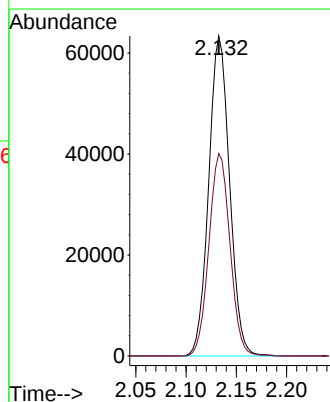
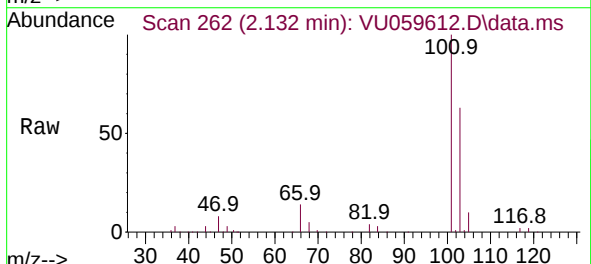
Instrument :
MSVOA_U
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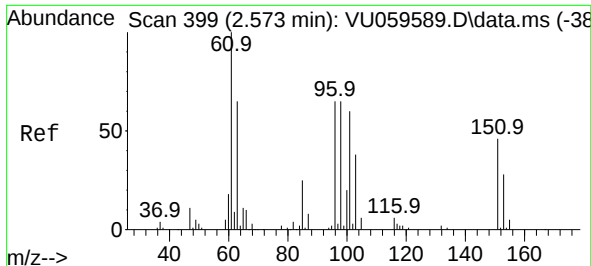
Tgt Ion: 64 Resp: 48061
Ion Ratio Lower Upper
64 100
66 31.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.857 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:101 Resp: 91419
Ion Ratio Lower Upper
101 100
103 63.9 52.6 79.0

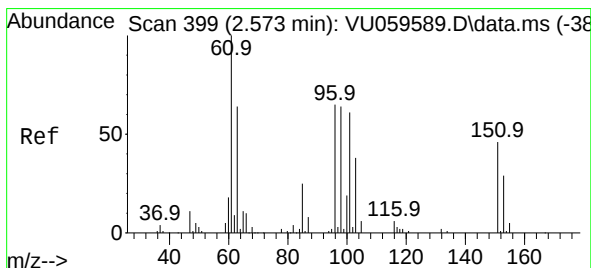
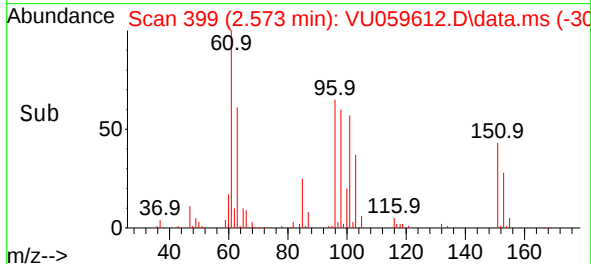
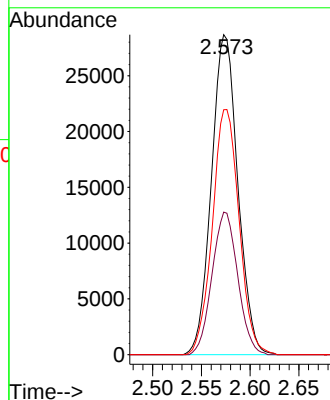
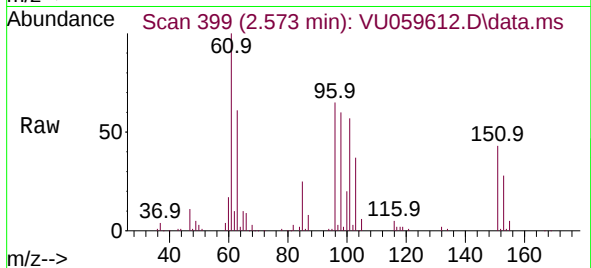




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.537 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

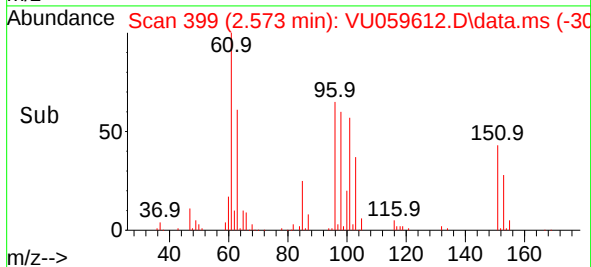
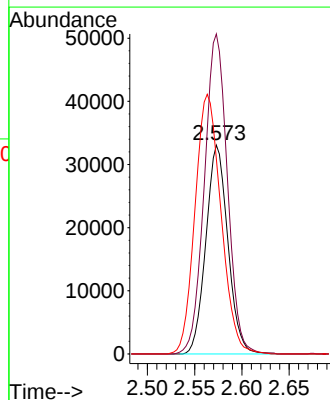
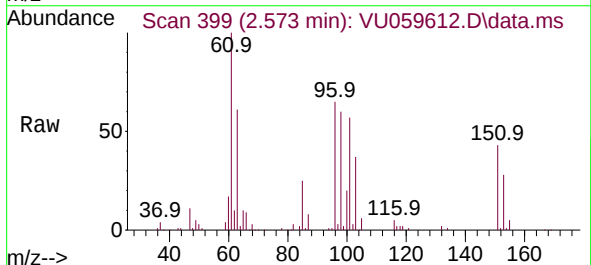
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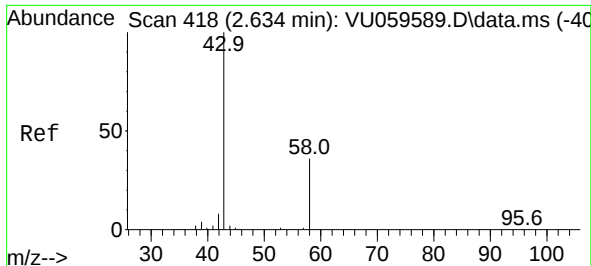
Tgt Ion:101 Resp: 54059
Ion Ratio Lower Upper
101 100
85 43.3 36.2 54.4
151 77.6 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.858 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 96 Resp: 53478
Ion Ratio Lower Upper
96 100
61 153.3 122.9 228.3
63 93.4 80.4 149.4





#13

Acetone

Concen: 52.458 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.003 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

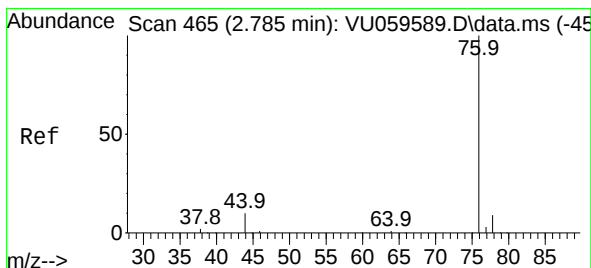
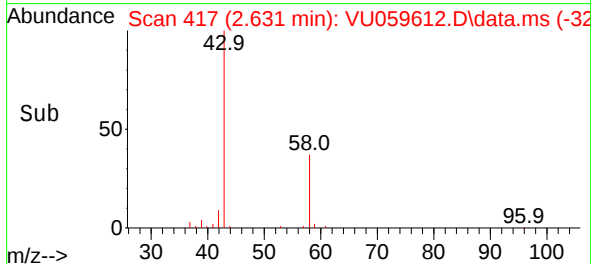
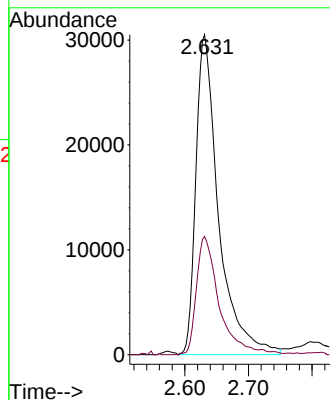
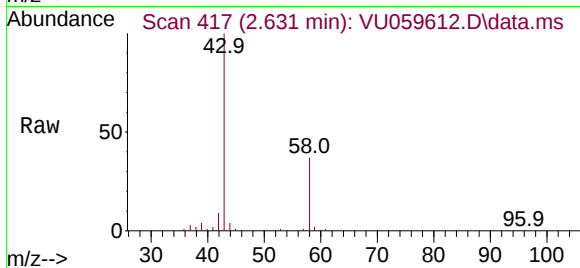
ClientSampleId :

Tgt Ion: 43 Resp: 75647

Ion Ratio Lower Upper

43 100

58 36.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.676 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059612.D

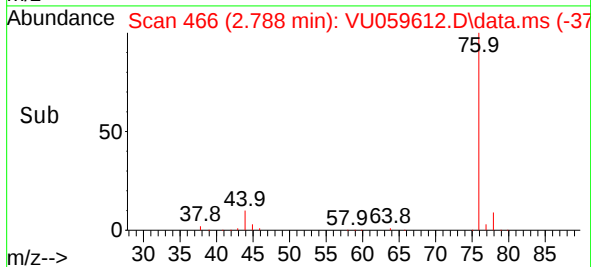
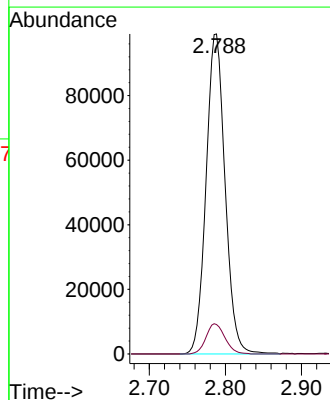
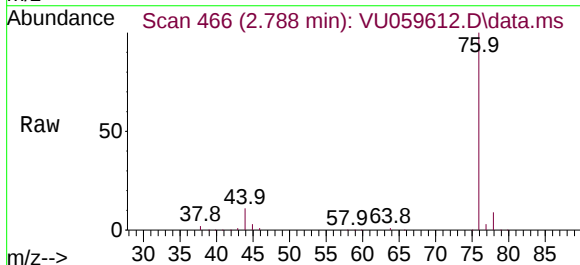
Acq: 28 Jun 2024 11:21

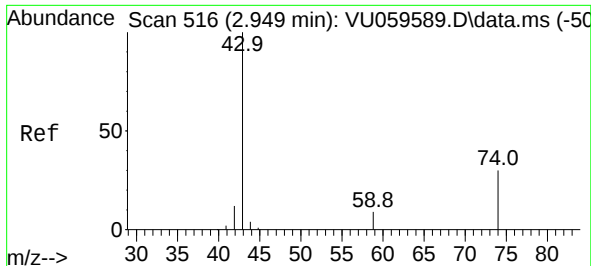
Tgt Ion: 76 Resp: 171725

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 2.897 ug/L

RT: 2.949 min Scan# 516

Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

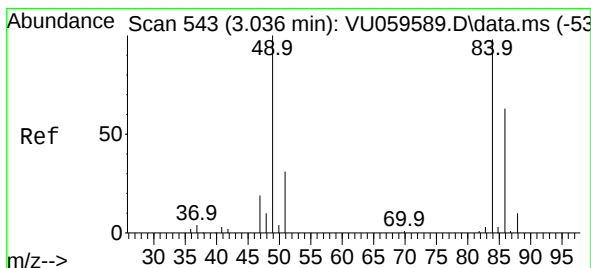
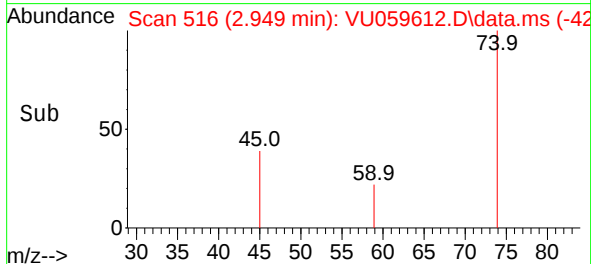
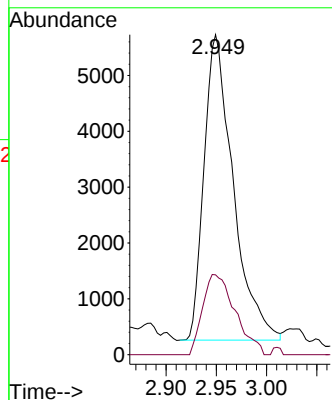
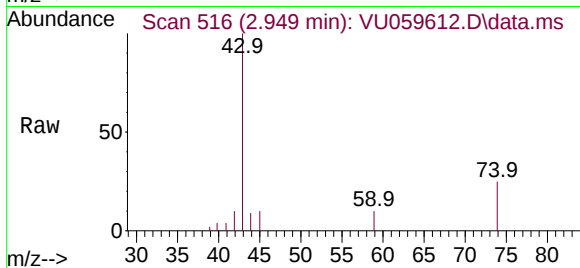
ClientSampleId :

Tgt Ion: 43 Resp: 11024

Ion Ratio Lower Upper

43 100

74 29.3 19.2 28.8#



#16

Methylene chloride

Concen: 4.876 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

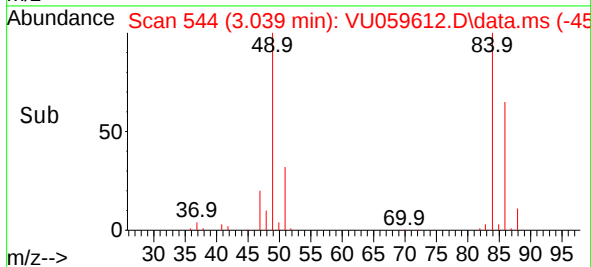
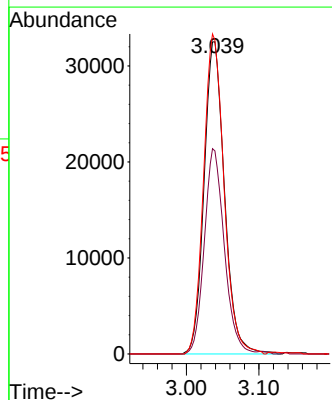
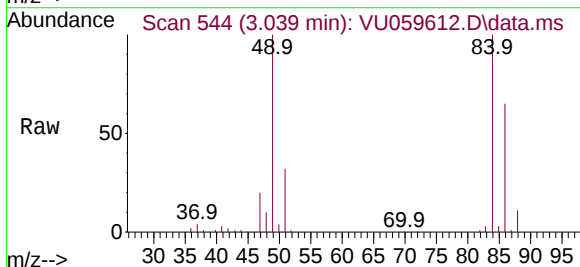
Tgt Ion: 84 Resp: 63605

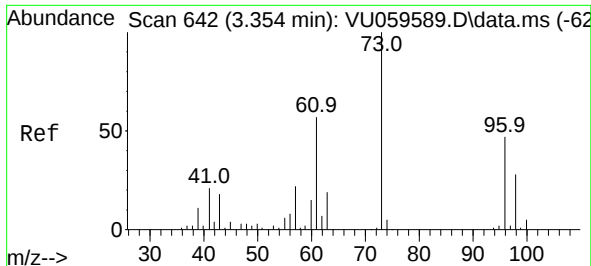
Ion Ratio Lower Upper

84 100

86 65.1 42.1 78.1

49 100.5 80.6 149.8

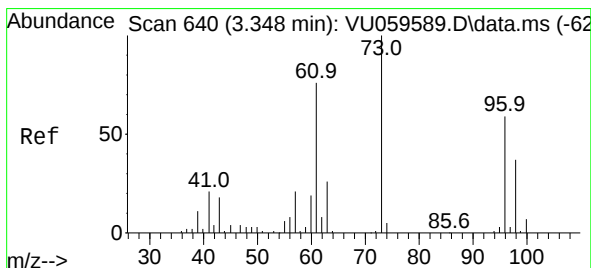
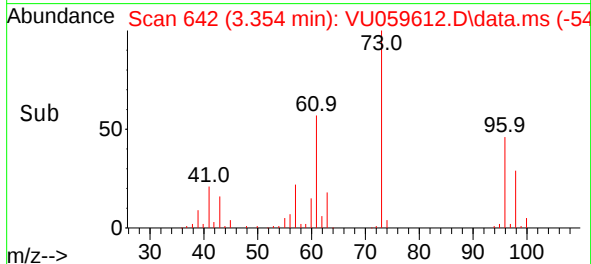
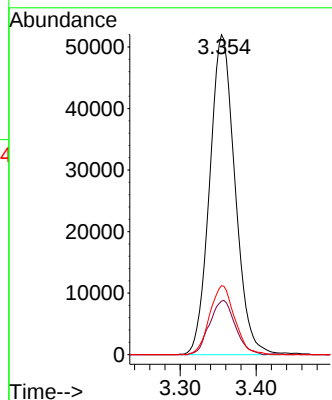
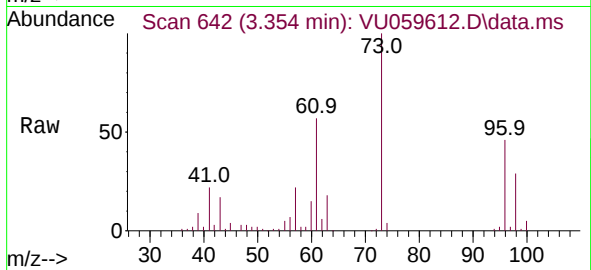




#17
Methyl tert-butyl Ether
Concen: 5.074 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

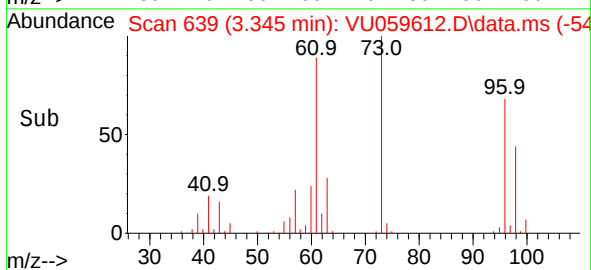
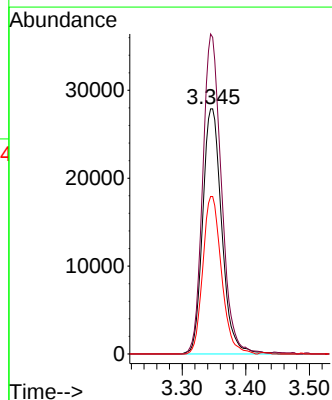
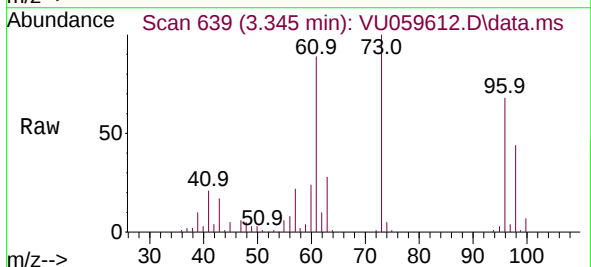
Instrument :
MSVOA_U
ClientSampleId :

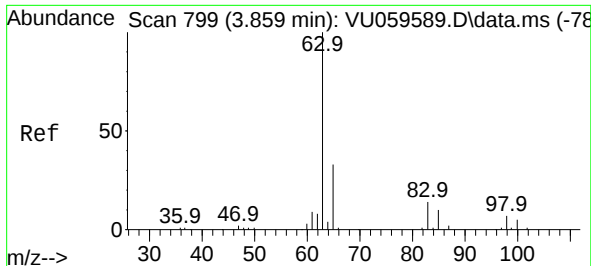
Tgt Ion: 73 Resp: 120362
Ion Ratio Lower Upper
73 100
43 17.2 14.9 22.3
57 21.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.067 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 96 Resp: 58010
Ion Ratio Lower Upper
96 100
61 130.5 101.8 189.0
98 64.2 43.3 80.5

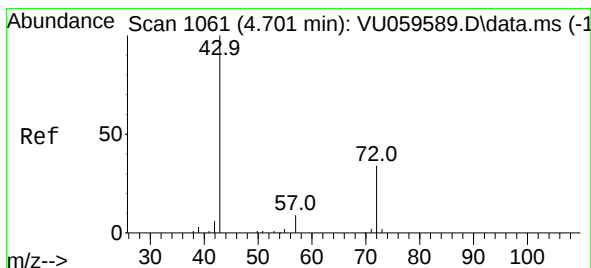
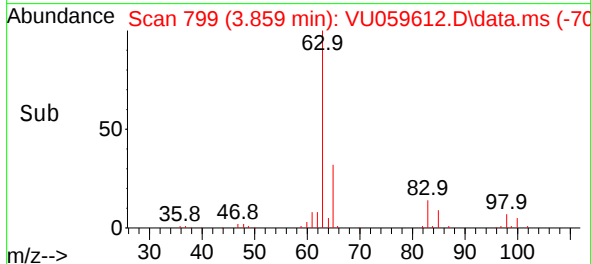
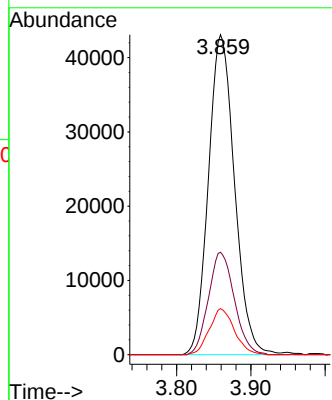
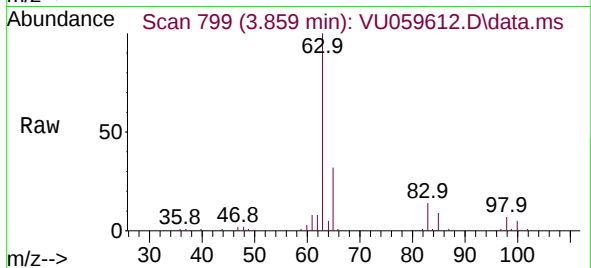




#19
1,1-Dichloroethane
Concen: 4.980 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

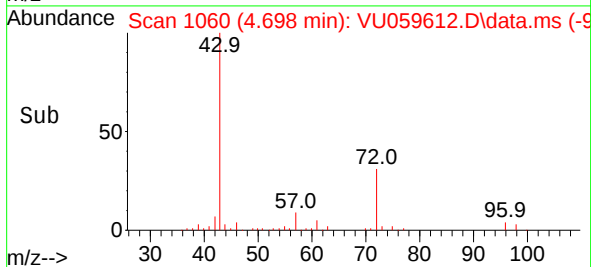
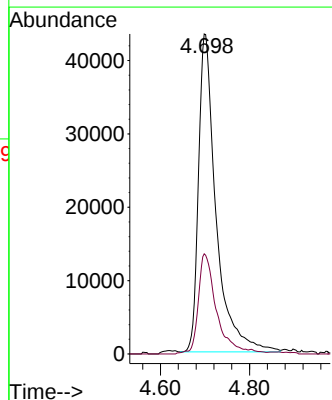
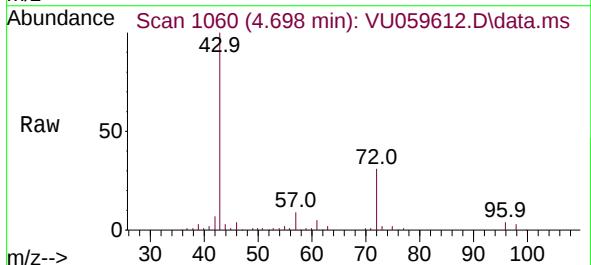
Instrument :
MSVOA_U
ClientSampleId :

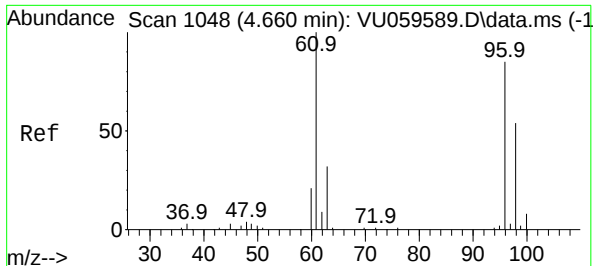
Tgt Ion: 63 Resp: 105125
Ion Ratio Lower Upper
63 100
65 32.8 21.8 40.6
83 14.4 9.9 18.5



#21
2-Butanone
Concen: 51.458 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

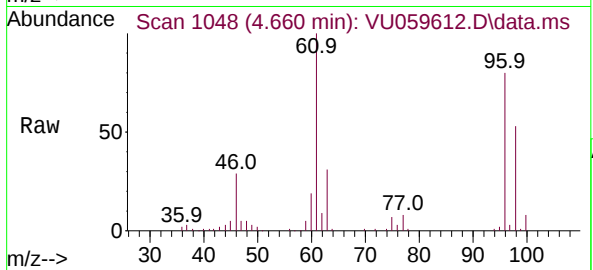
Tgt Ion: 43 Resp: 119020
Ion Ratio Lower Upper
43 100
72 32.2 13.8 41.4



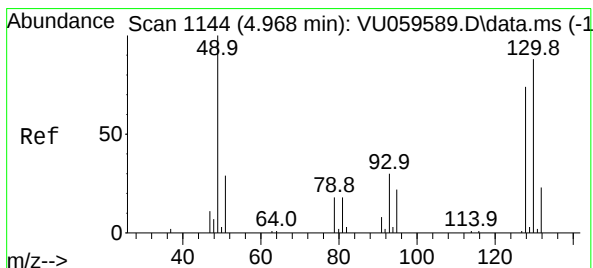
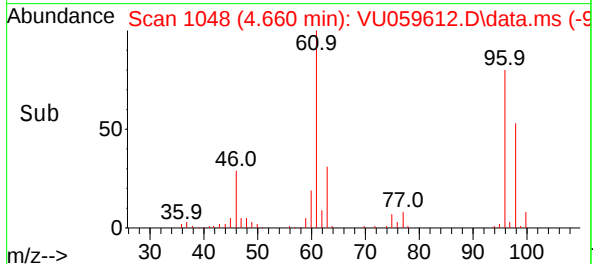
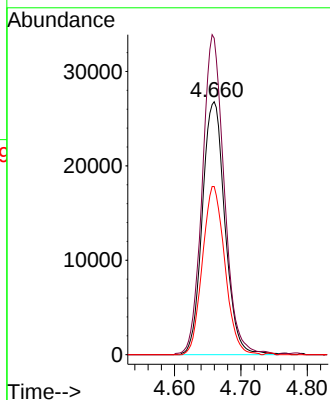


#22
cis-1,2-Dichloroethene
Concen: 5.032 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :

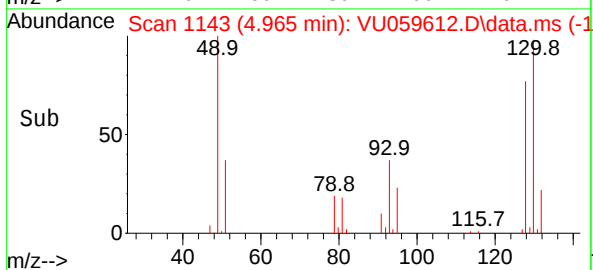
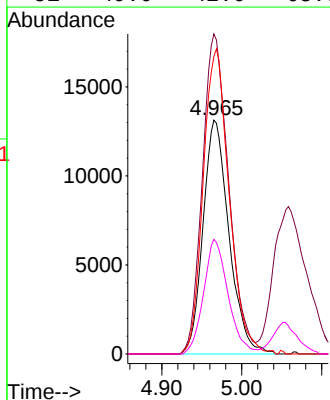
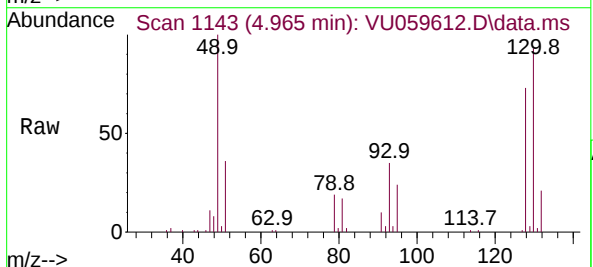


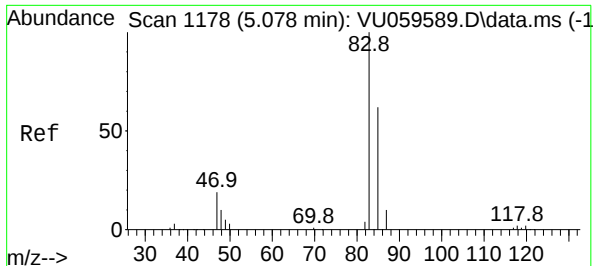
Tgt Ion: 96 Resp: 63495
Ion Ratio Lower Upper
96 100
61 125.1 87.4 162.2
98 66.5 42.3 78.5



#23
Bromochloromethane
Concen: 5.147 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 128 Resp: 29611
Ion Ratio Lower Upper
128 100
49 136.9 117.0 217.4
130 127.3 89.6 166.4
51 49.0 42.0 63.0

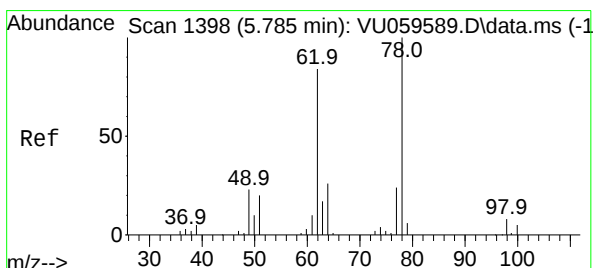
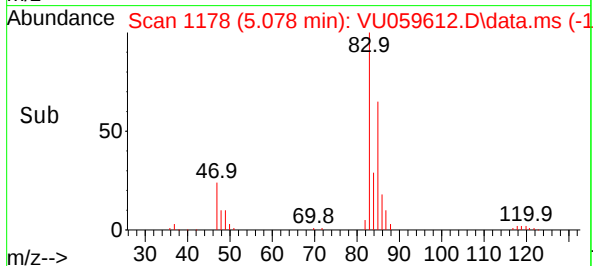
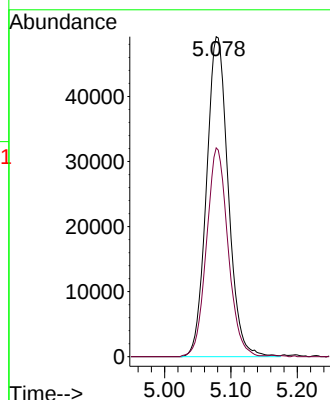
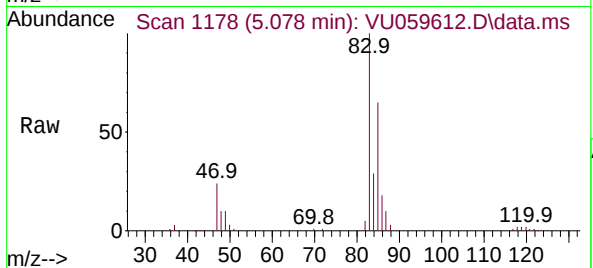




#25
Chloroform
Concen: 5.030 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

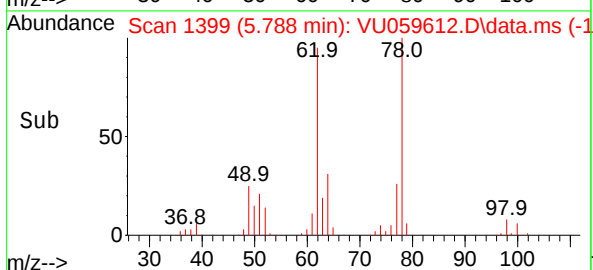
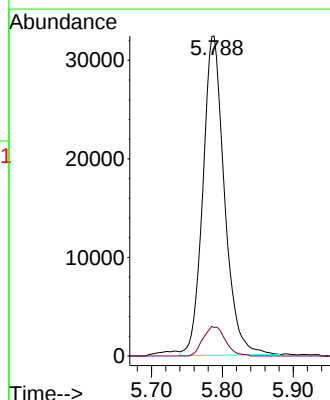
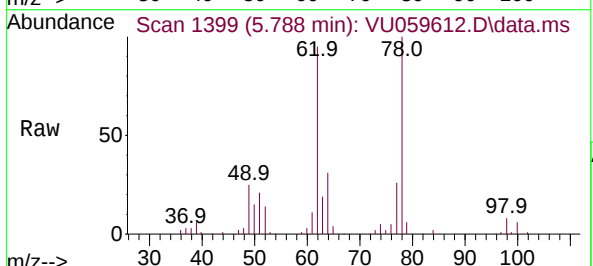
Instrument :
MSVOA_U
ClientSampleId :

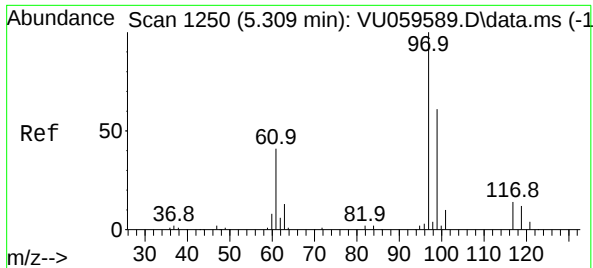
Tgt Ion: 83 Resp: 111848
Ion Ratio Lower Upper
83 100
85 65.3 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.089 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 62 Resp: 68565
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3

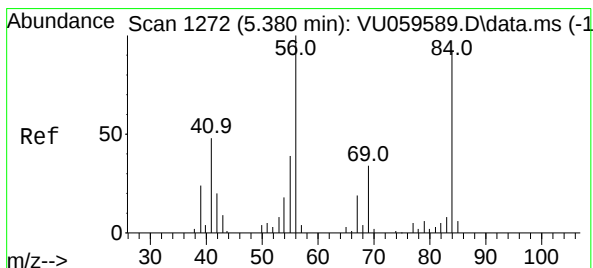
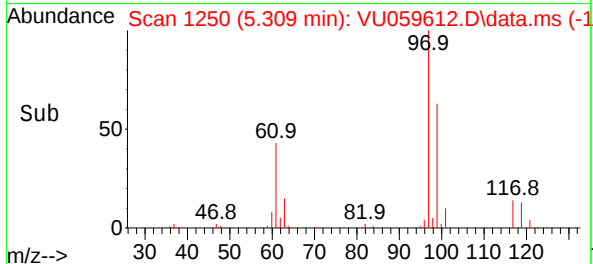
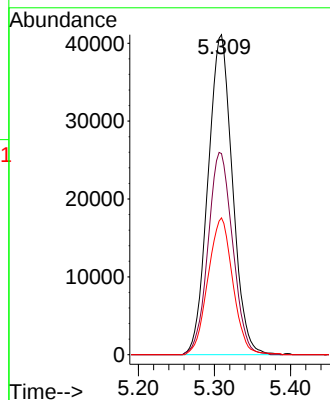
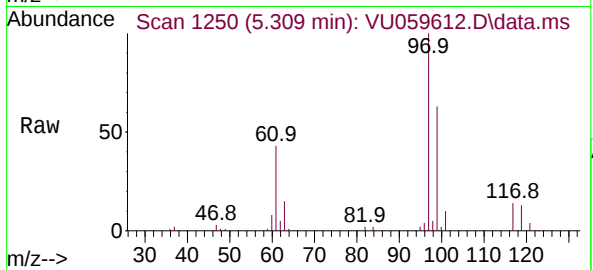




#29
1,1,1-Trichloroethane
Concen: 5.002 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

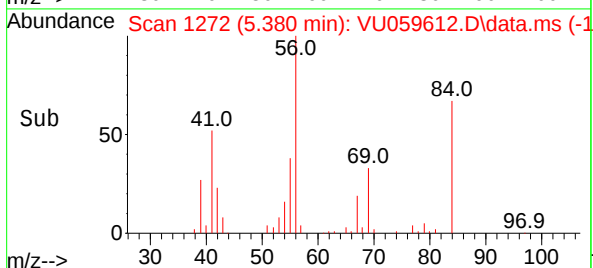
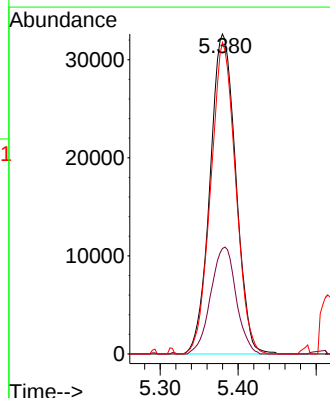
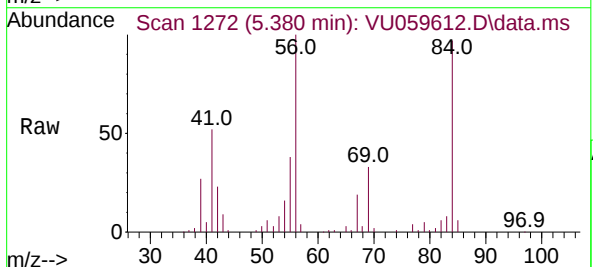
Instrument :
MSVOA_U
ClientSampleId :

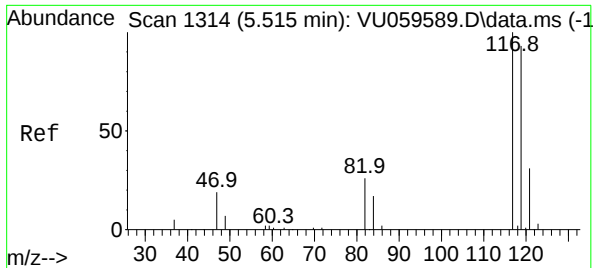
Tgt Ion: 97	Resp: 91768
Ion Ratio	Lower Upper
97 100	
99 63.7	51.8 77.6
61 43.4	37.4 56.2



#30
Cyclohexane
Concen: 4.626 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 56	Resp: 74926
Ion Ratio	Lower Upper
56 100	
69 32.9	24.8 37.2
84 94.1	69.8 104.8

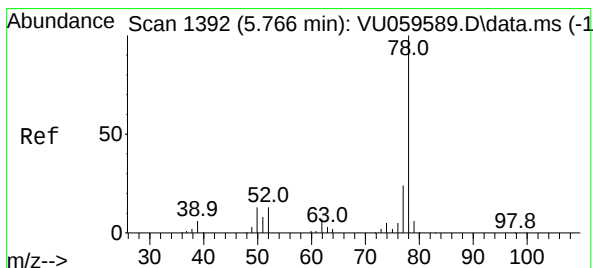
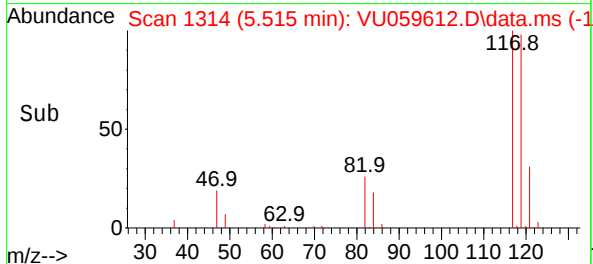
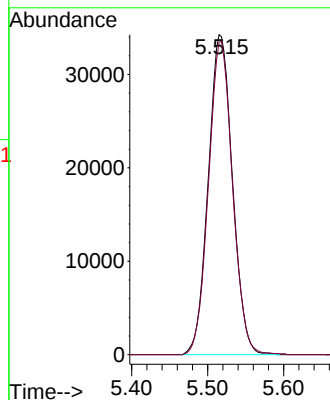
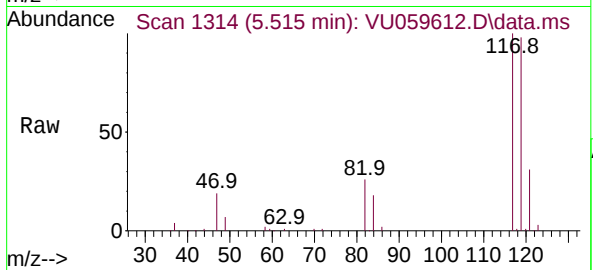




#31
Carbon tetrachloride
Concen: 4.931 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

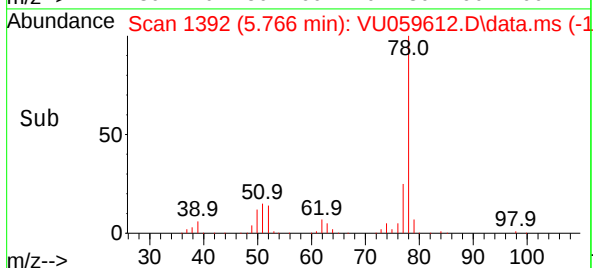
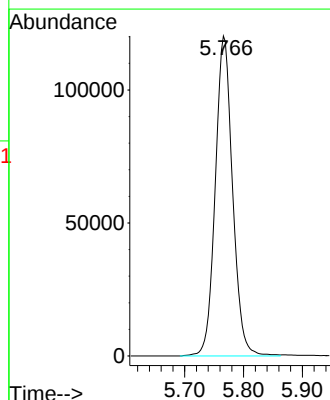
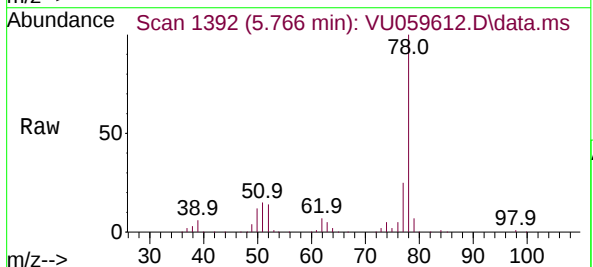
Instrument :
MSVOA_U
ClientSampleId :

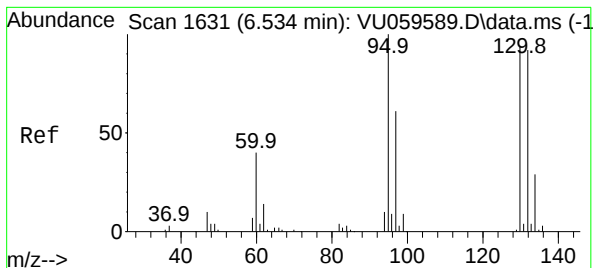
Tgt Ion:117 Resp: 75749
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3



#33
Benzene
Concen: 5.101 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 78 Resp: 246118





#34

Trichloroethene

Concen: 4.725 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 61742

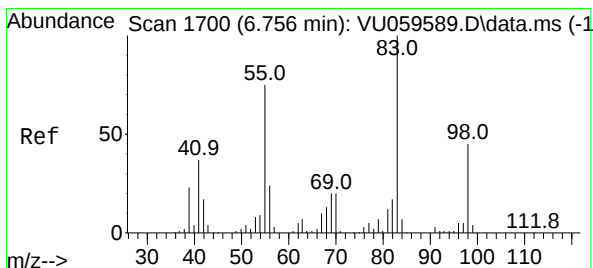
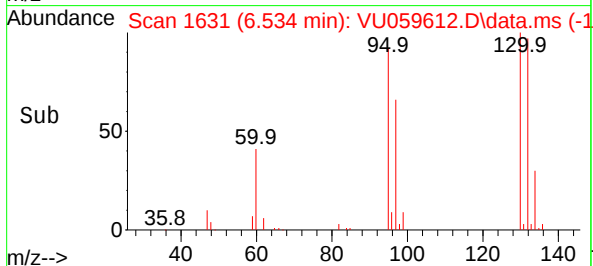
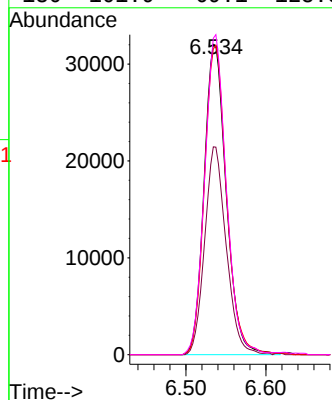
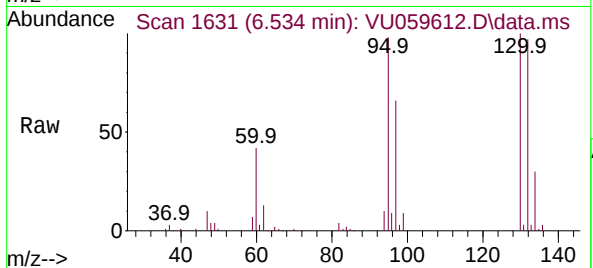
Ion Ratio Lower Upper

95 100

97 67.0 45.3 84.1

132 98.5 64.0 119.0

130 101.9 69.1 128.3



#35

Methylcyclohexane

Concen: 4.456 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

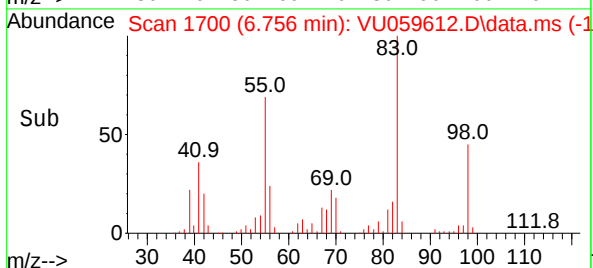
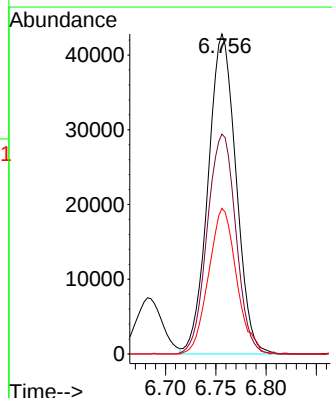
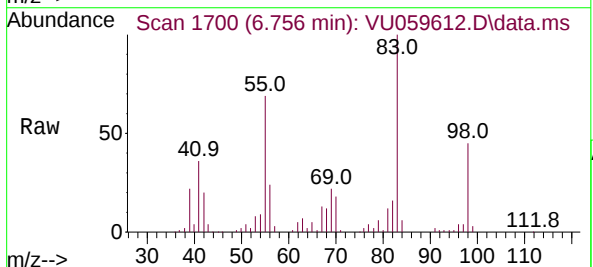
Tgt Ion: 83 Resp: 82847

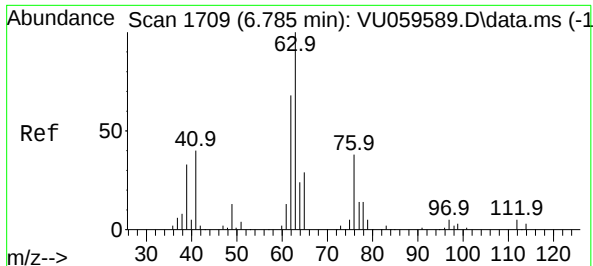
Ion Ratio Lower Upper

83 100

55 70.3 62.7 94.1

98 45.4 35.4 53.0

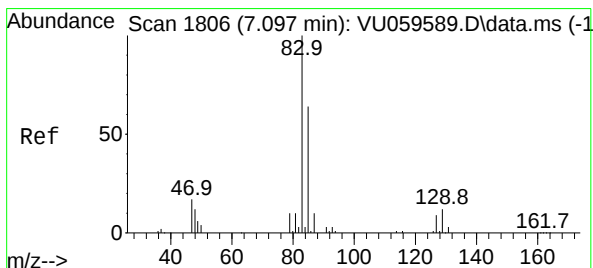
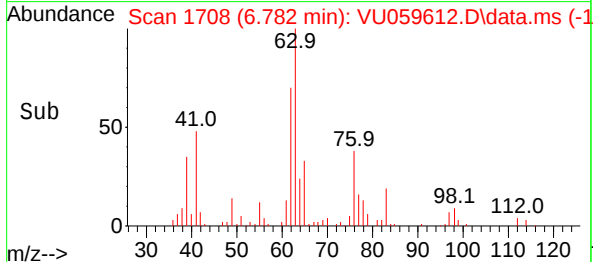
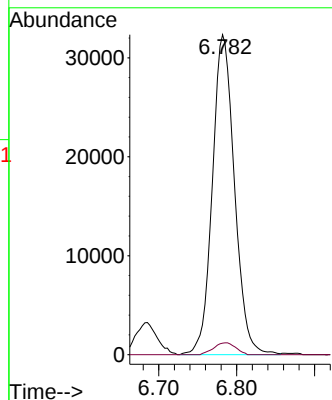
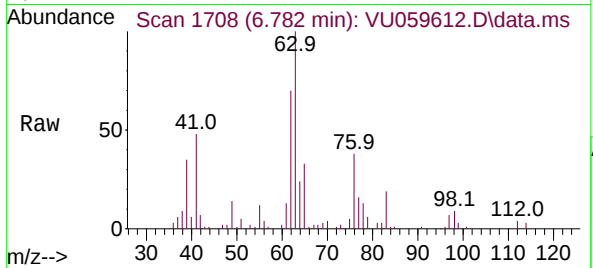




#37
1,2-Dichloropropane
Concen: 5.114 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

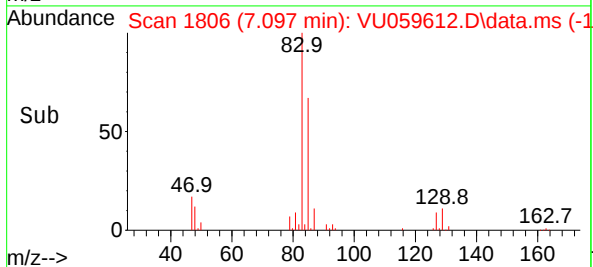
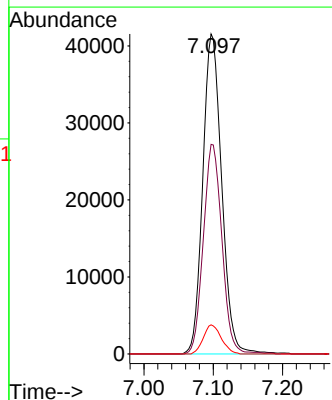
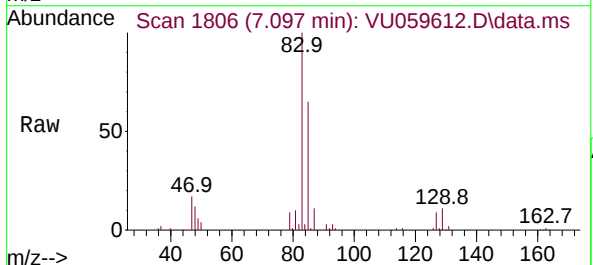
Instrument :
MSVOA_U
ClientSampleId :

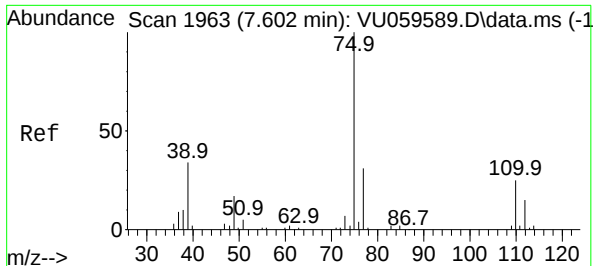
Tgt Ion: 63 Resp: 63846
Ion Ratio Lower Upper
63 100
112 3.7 2.6 3.8



#38
Bromodichloromethane
Concen: 5.058 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 83 Resp: 78833
Ion Ratio Lower Upper
83 100
85 65.5 42.7 79.3
127 9.1 6.1 9.1

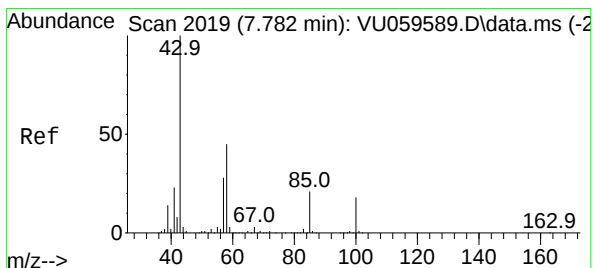
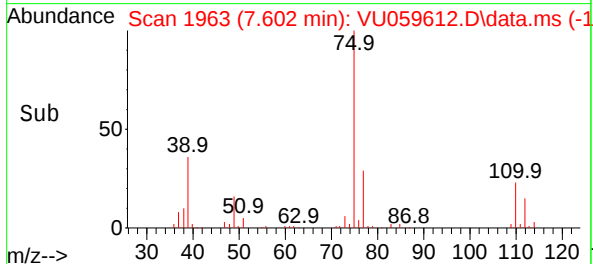
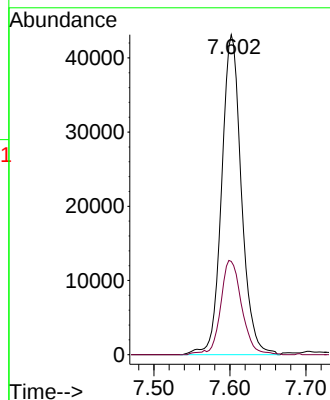
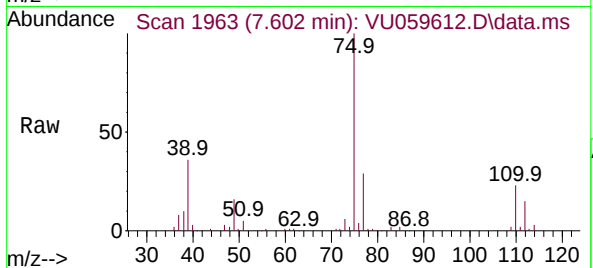




#39
 cis-1,3-Dichloropropene
 Concen: 4.560 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059612.D
 Acq: 28 Jun 2024 11:21

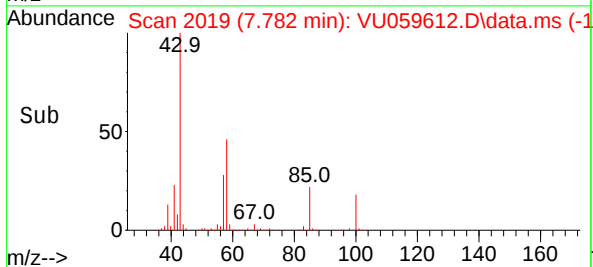
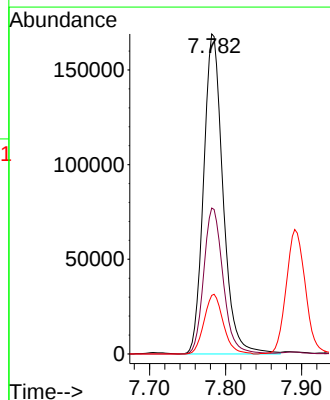
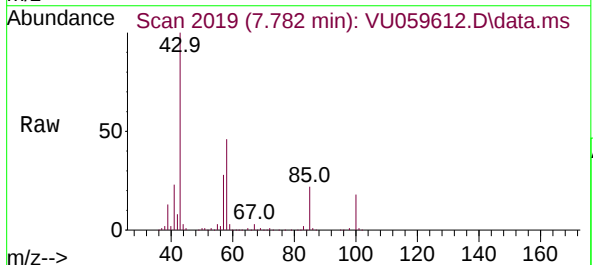
Instrument :
 MSVOA_U
 ClientSampleId :

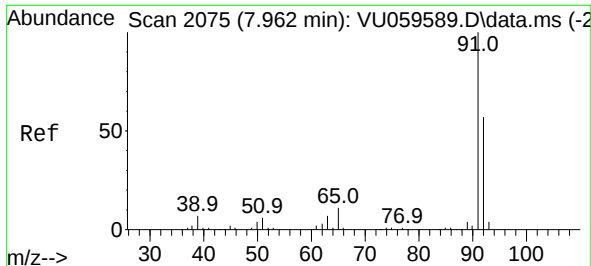
Tgt Ion: 75 Resp: 77857
 Ion Ratio Lower Upper
 75 100
 77 29.1 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 51.889 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059612.D
 Acq: 28 Jun 2024 11:21

Tgt Ion: 43 Resp: 300204
 Ion Ratio Lower Upper
 43 100
 58 45.6 34.0 51.0
 100 18.4 12.1 18.1#





#42

Toluene

Concen: 5.227 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

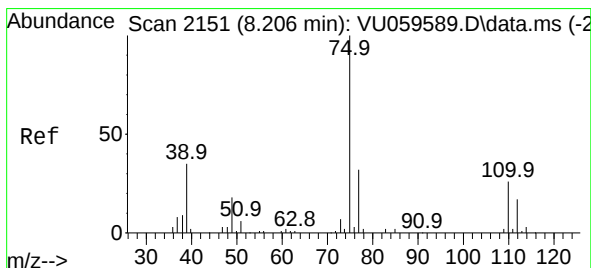
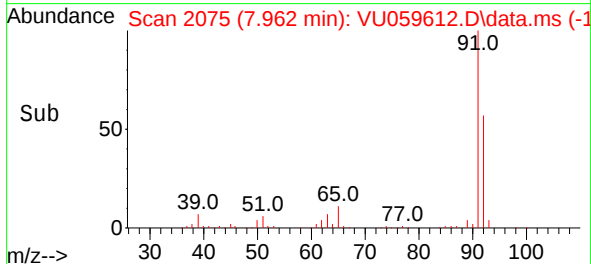
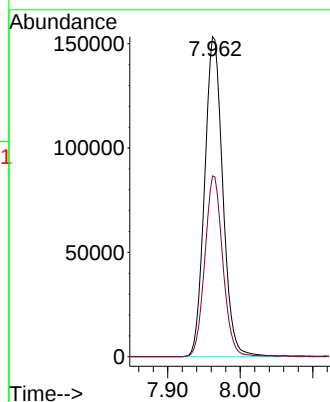
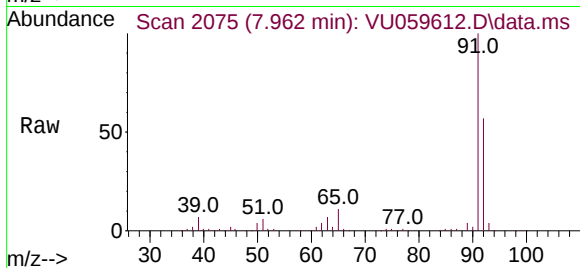
ClientSampleId :

Tgt Ion: 91 Resp: 267001

Ion Ratio Lower Upper

91 100

92 56.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.686 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059612.D

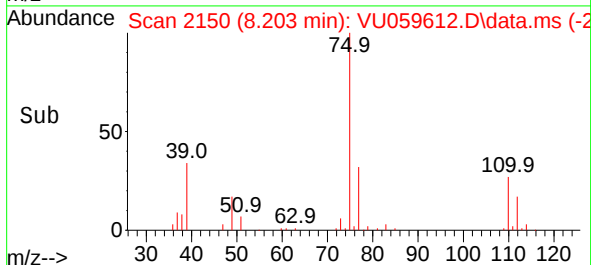
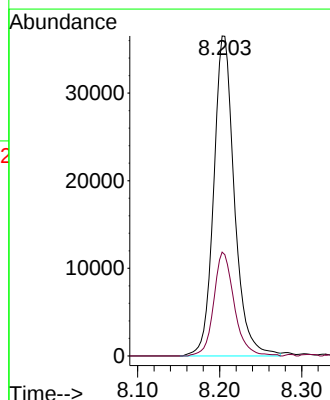
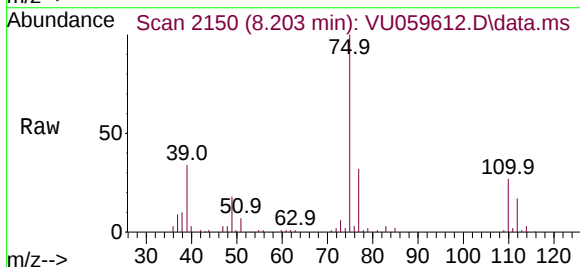
Acq: 28 Jun 2024 11:21

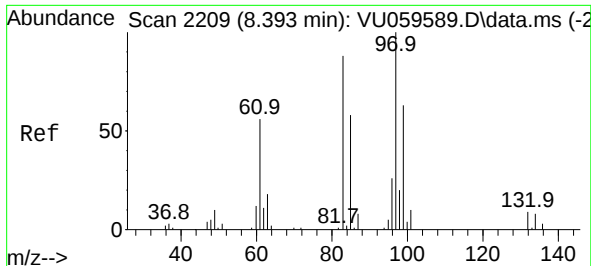
Tgt Ion: 75 Resp: 64216

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0

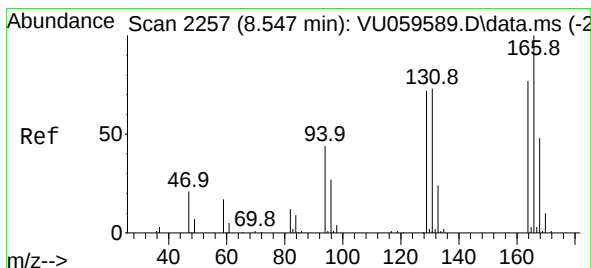
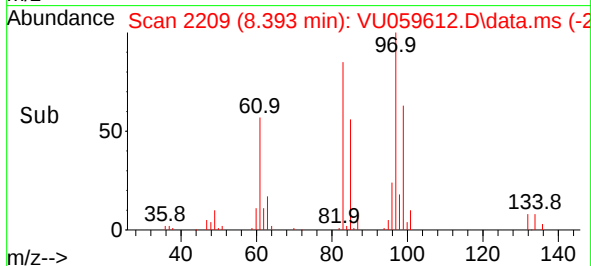
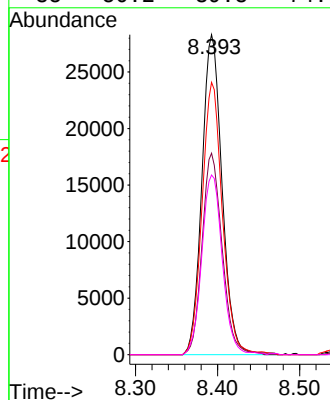
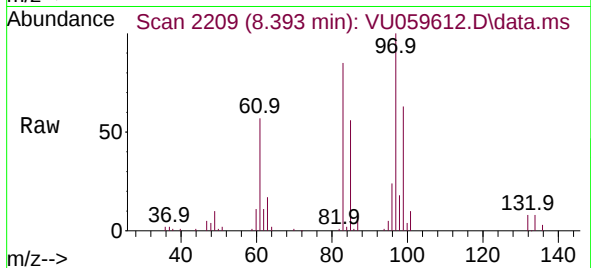




#45
1,1,2-Trichloroethane
Concen: 5.253 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

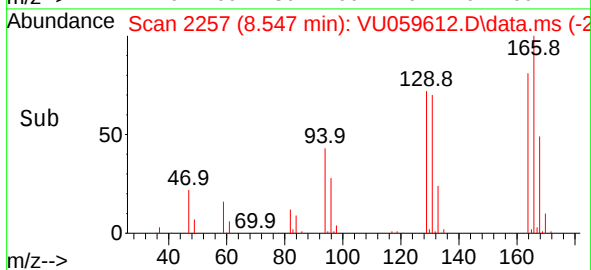
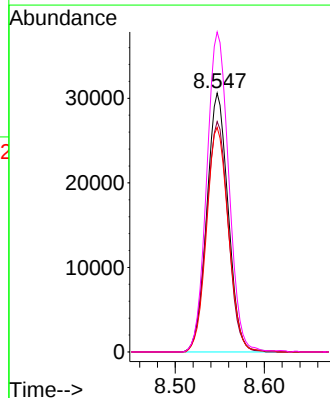
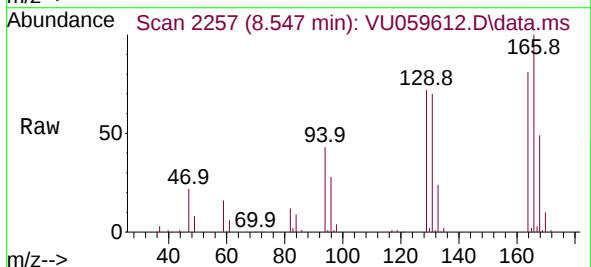
Instrument :
MSVOA_U
ClientSampleId :

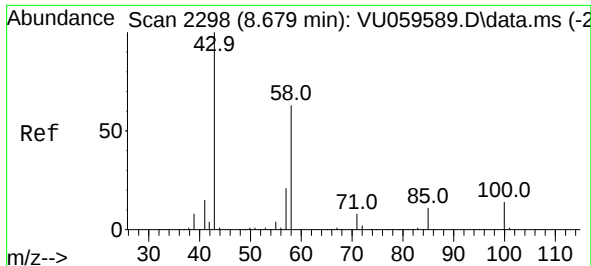
Tgt Ion:	97	Resp:	48333
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.3	80.3
83	85.1	62.3	115.7
85	56.2	39.8	74.0



#47
Tetrachloroethene
Concen: 5.016 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:	164	Resp:	50854
Ion	Ratio	Lower	Upper
164	100		
129	89.0	70.8	131.4
131	86.7	64.8	120.3
166	123.6	91.1	169.1





#48

2-Hexanone

Concen: 52.693 ug/L

RT: 8.676 min Scan# 217568

Delta R.T. -0.003 min

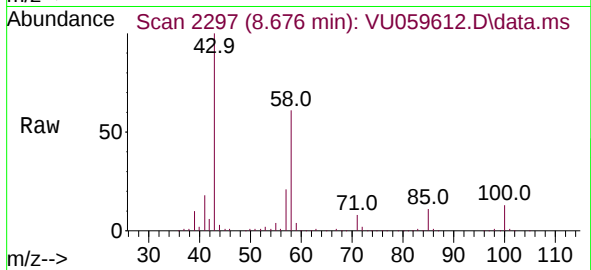
Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 217568

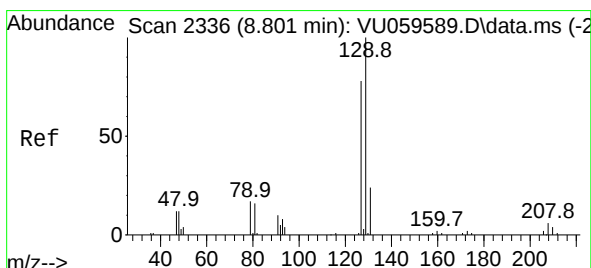
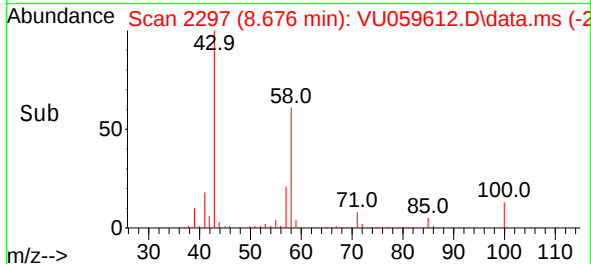
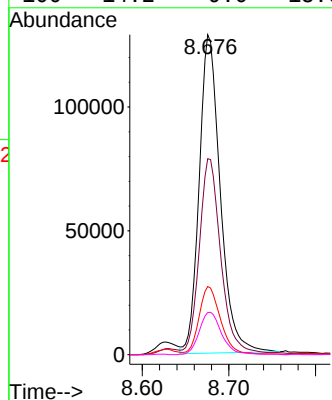
Ion Ratio Lower Upper

43 100

58 61.8 46.1 69.1

57 22.1 15.5 23.3

100 14.2 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.142 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU059612.D

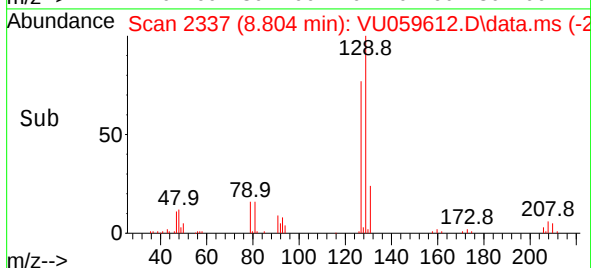
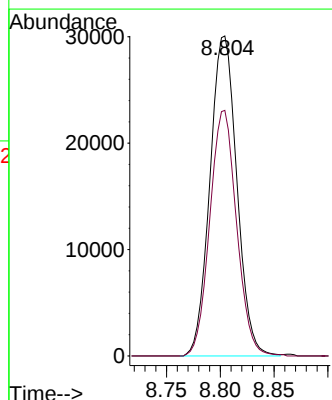
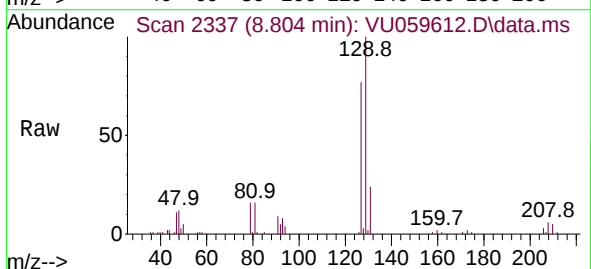
Acq: 28 Jun 2024 11:21

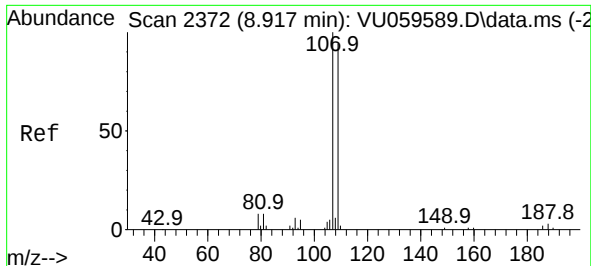
Tgt Ion:129 Resp: 52410

Ion Ratio Lower Upper

129 100

127 76.8 52.5 97.5

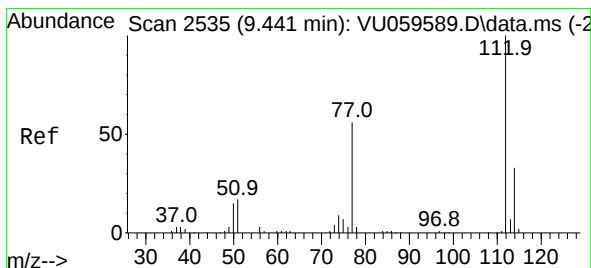
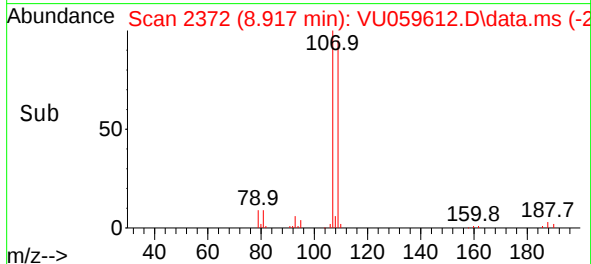
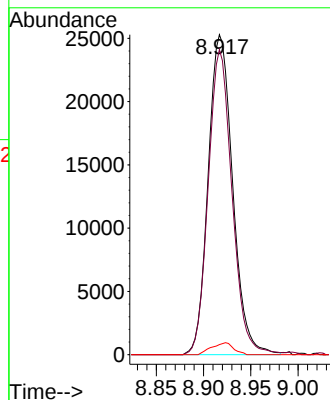
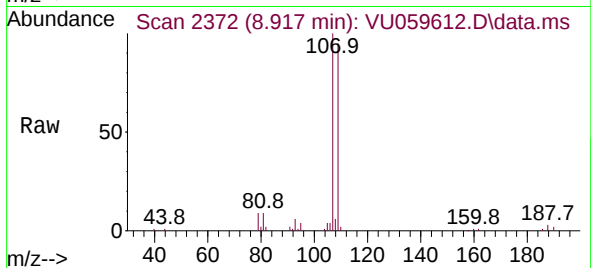




#50
1,2-Dibromoethane
Concen: 5.366 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

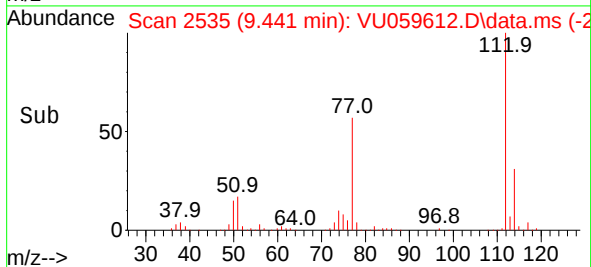
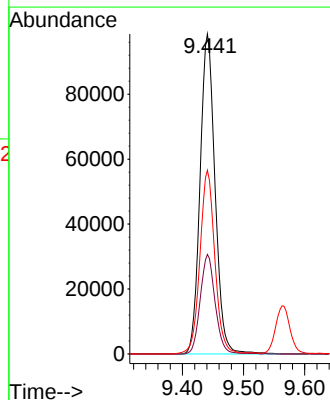
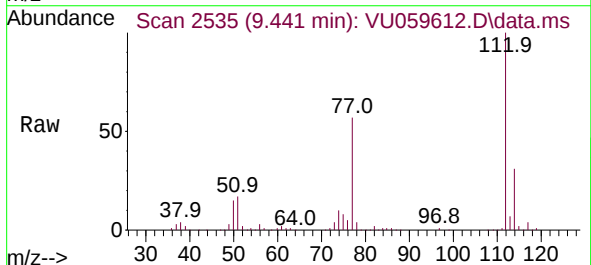
Instrument :
MSVOA_U
ClientSampleId :

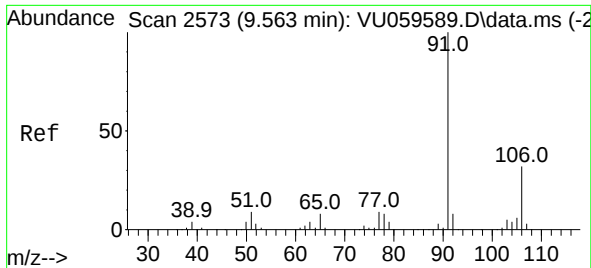
Tgt Ion:107 Resp: 45594
Ion Ratio Lower Upper
107 100
109 95.3 66.9 124.3
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 5.184 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:112 Resp: 167956
Ion Ratio Lower Upper
112 100
114 31.1 22.4 41.6
77 57.4 49.1 73.7

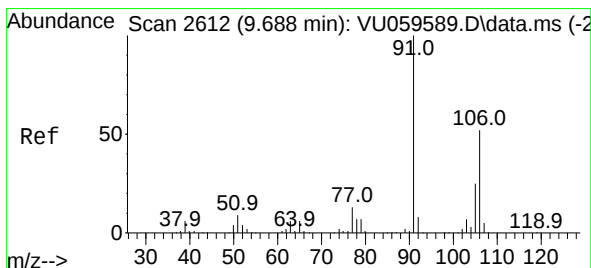
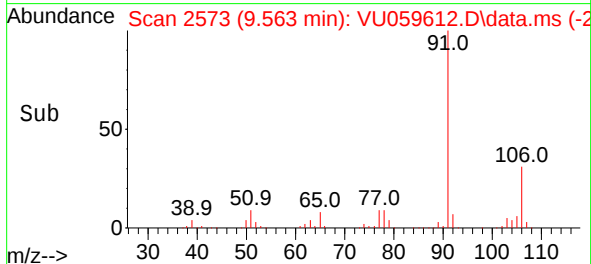
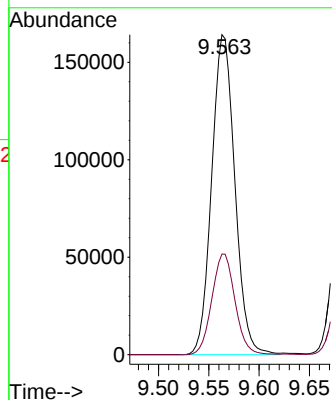
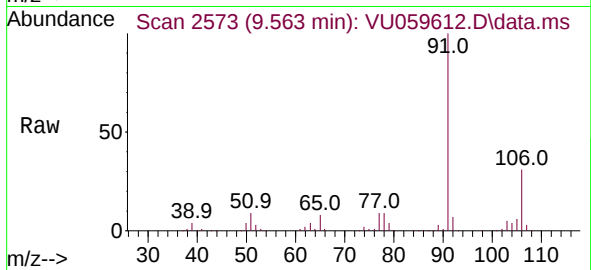




#52
Ethylbenzene
Concen: 5.014 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

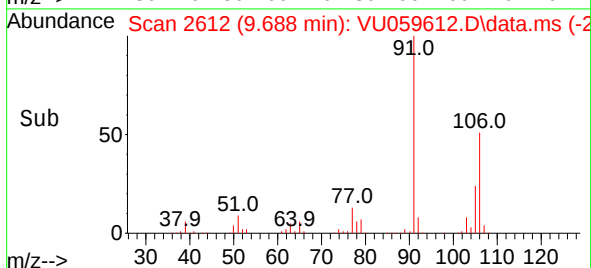
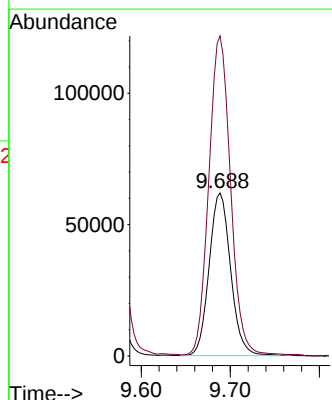
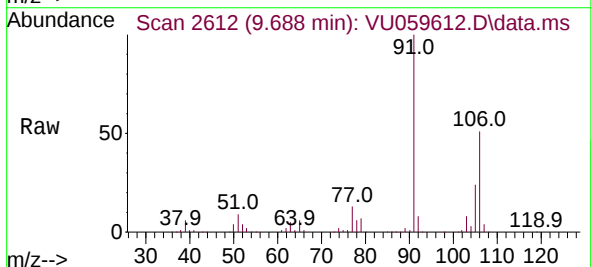
Instrument :
MSVOA_U
ClientSampleId :

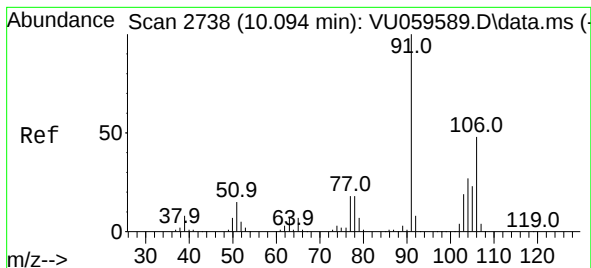
Tgt Ion: 91 Resp: 262751
Ion Ratio Lower Upper
91 100
106 31.4 20.9 38.7



#53
m,p-Xylene
Concen: 5.136 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:106 Resp: 103363
Ion Ratio Lower Upper
106 100
91 196.2 142.0 263.8





#54

o-Xylene

Concen: 5.188 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

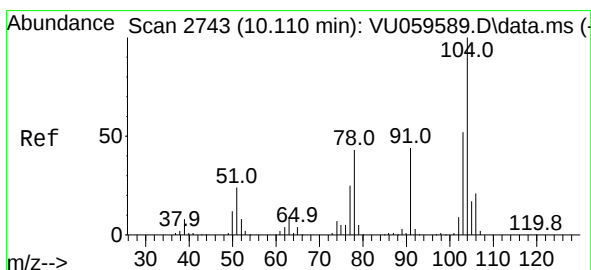
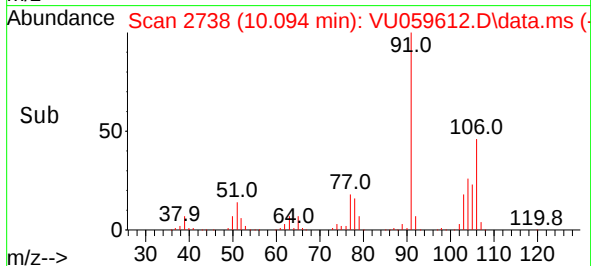
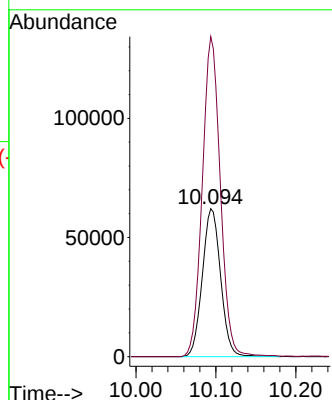
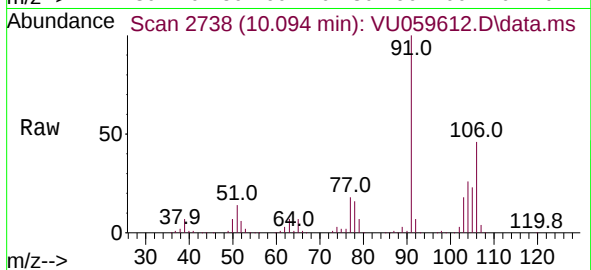
ClientSampleId :

Tgt Ion:106 Resp: 99083

Ion Ratio Lower Upper

106 100

91 216.2 151.6 281.6



#55

Styrene

Concen: 5.113 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059612.D

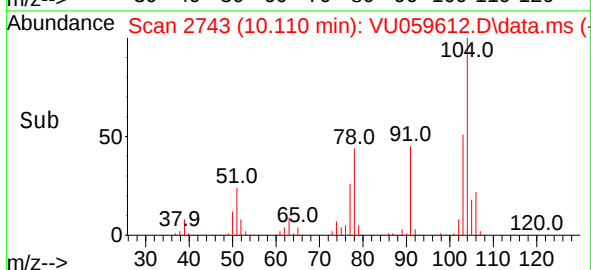
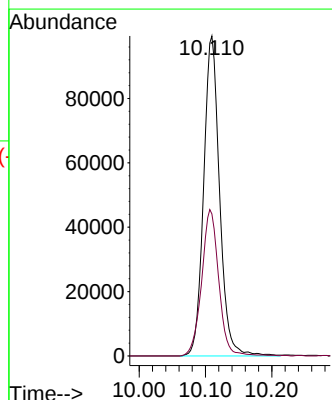
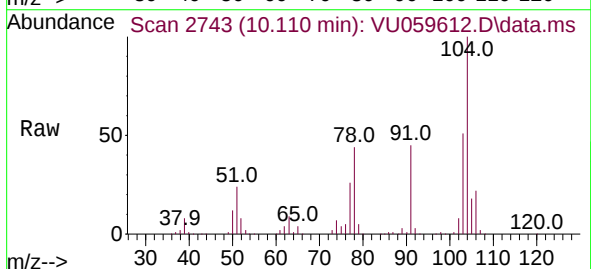
Acq: 28 Jun 2024 11:21

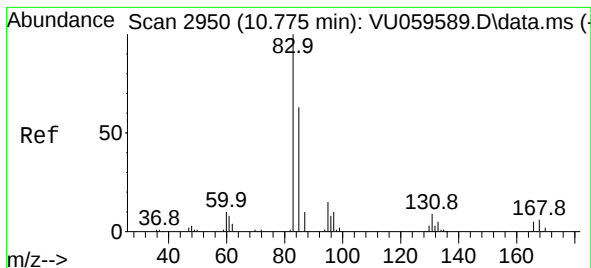
Tgt Ion:104 Resp: 166227

Ion Ratio Lower Upper

104 100

78 44.4 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.265 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

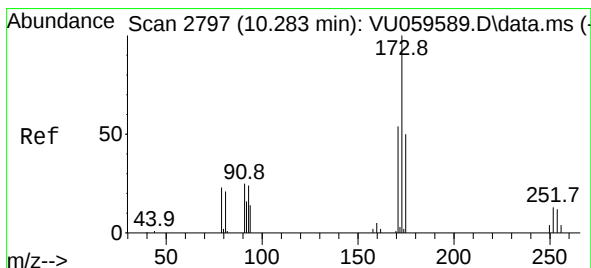
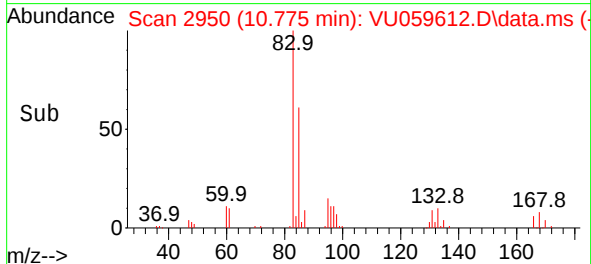
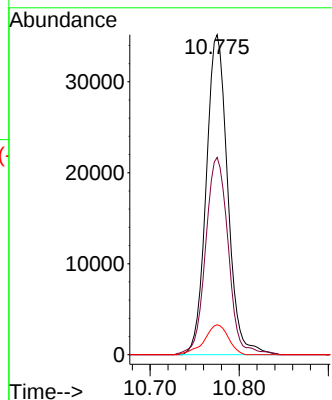
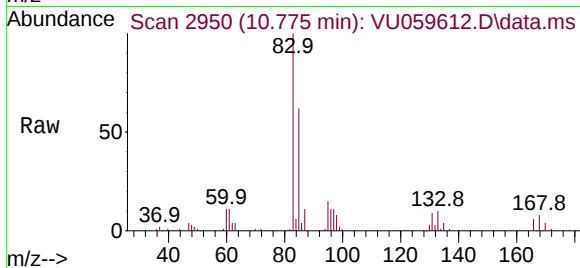
Tgt Ion: 83 Resp: 58765

Ion Ratio Lower Upper

83 100

85 61.6 44.7 82.9

131 9.4 6.9 10.3



#59

Bromoform

Concen: 5.146 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

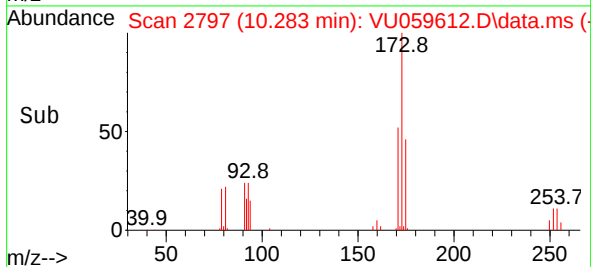
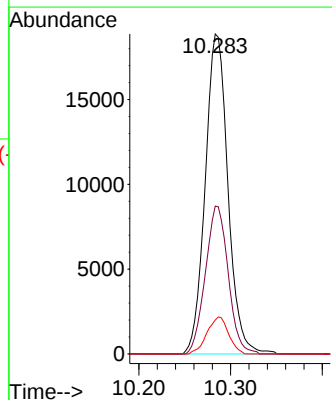
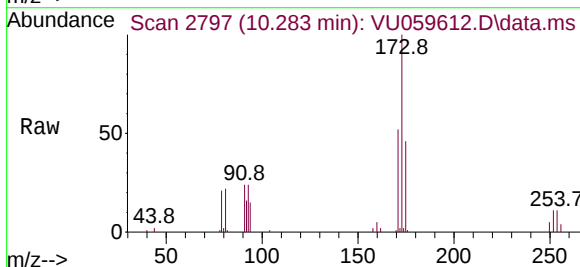
Tgt Ion:173 Resp: 32507

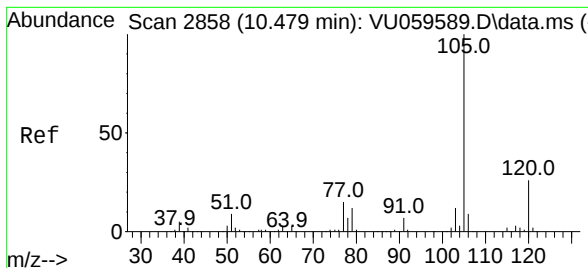
Ion Ratio Lower Upper

173 100

175 46.4 39.4 59.2

254 10.9 7.4 11.2





#60

Isopropylbenzene

Concen: 5.060 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU059612.D

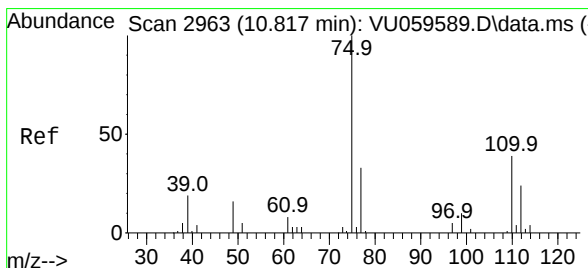
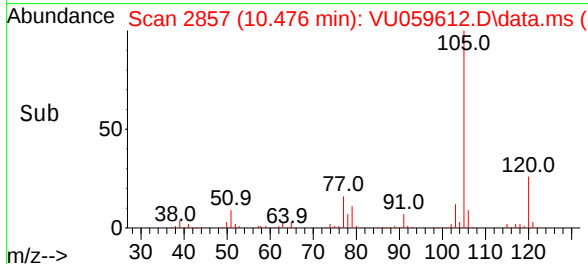
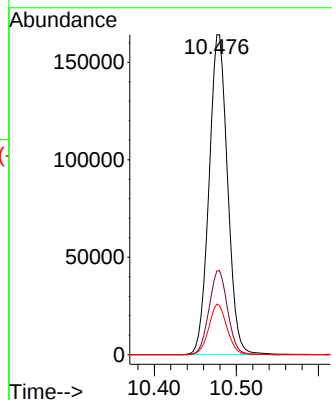
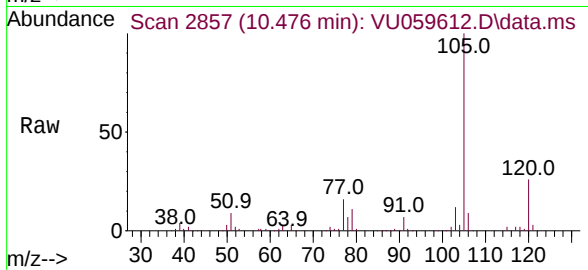
Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	257982
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.6	31.0
77	15.4	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 5.039 ug/L

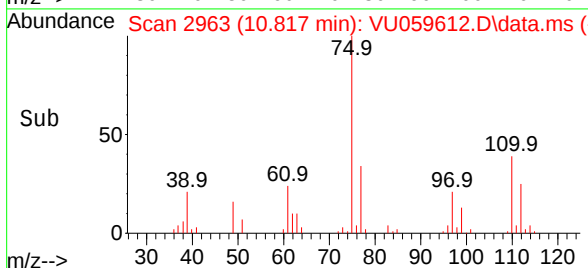
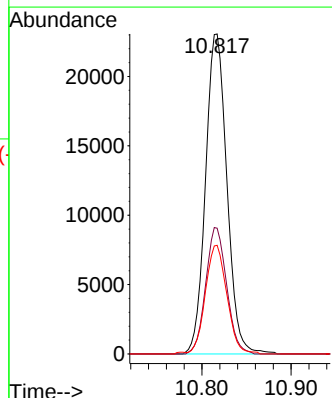
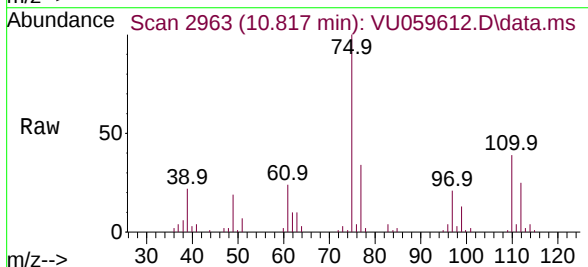
RT: 10.817 min Scan# 2963

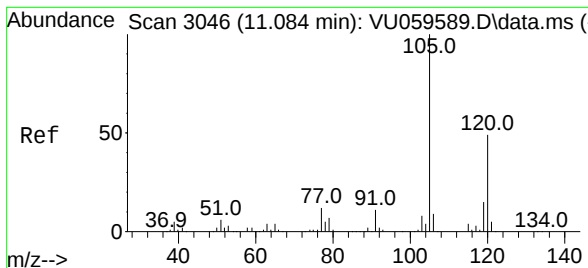
Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Tgt Ion:	75	Resp:	38435
Ion Ratio	Lower	Upper	
75	100		
110	38.6	27.1	40.7
77	34.1	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.830 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

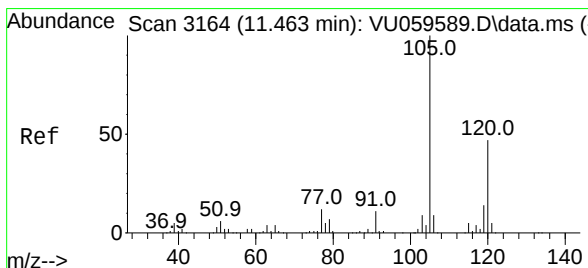
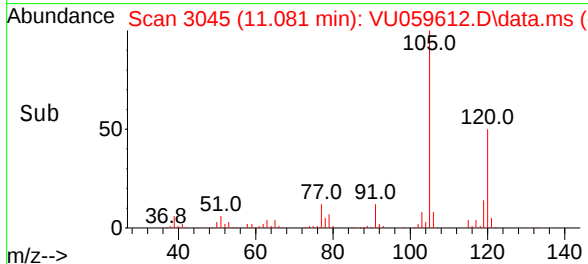
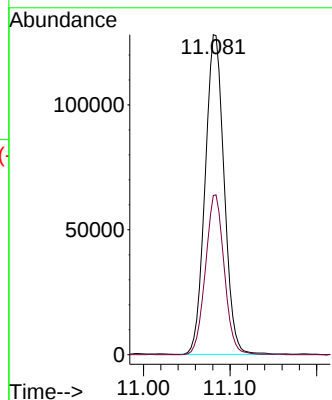
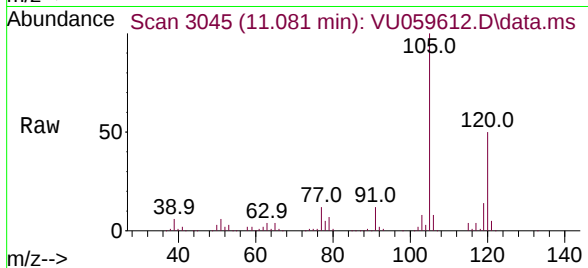
ClientSampleId :

Tgt Ion:105 Resp: 195095

Ion Ratio Lower Upper

105 100

120 49.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.058 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059612.D

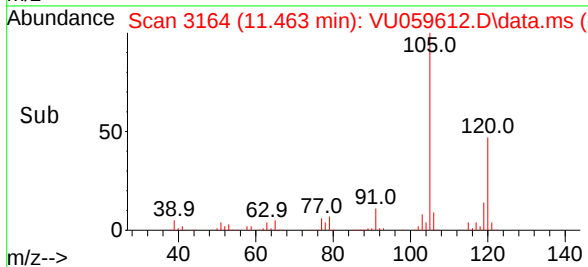
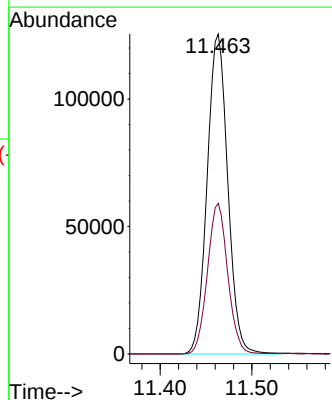
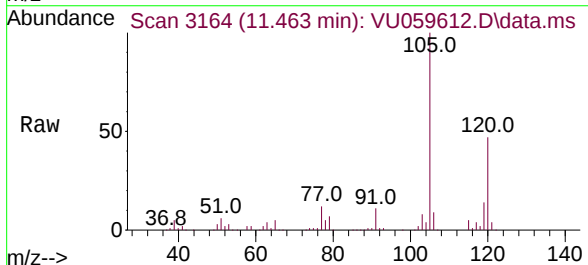
Acq: 28 Jun 2024 11:21

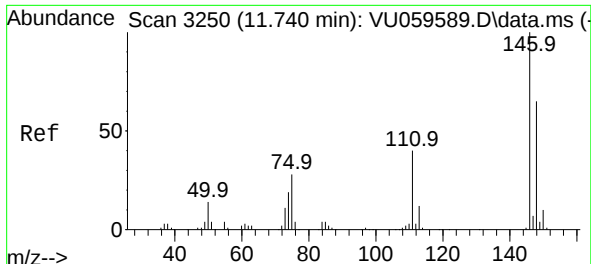
Tgt Ion:105 Resp: 195335

Ion Ratio Lower Upper

105 100

120 46.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.185 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

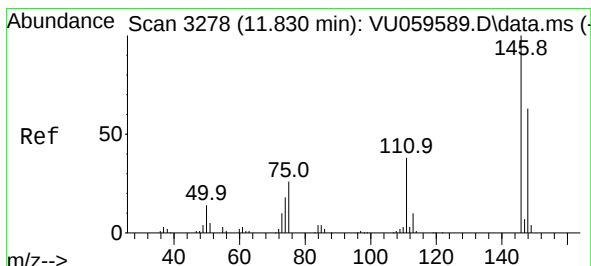
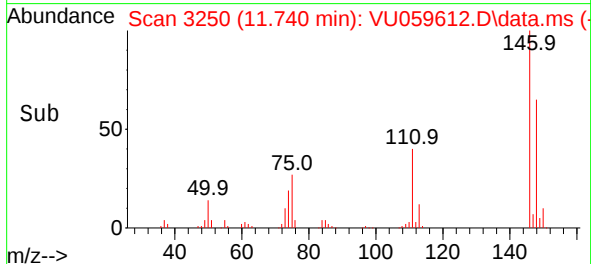
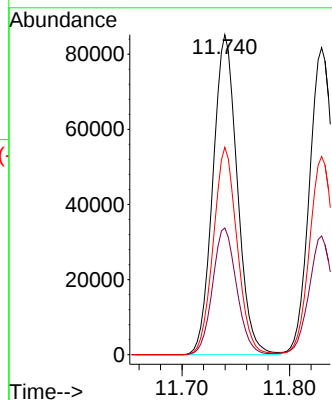
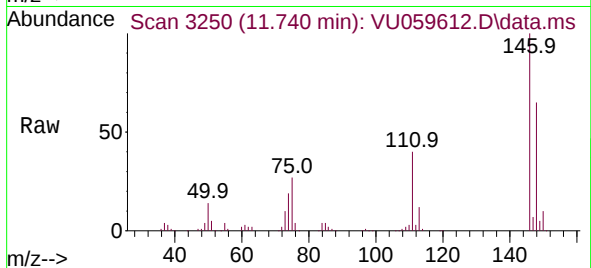
Tgt Ion:146 Resp: 134473

Ion Ratio Lower Upper

146 100

111 39.6 27.4 51.0

148 64.8 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.993 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

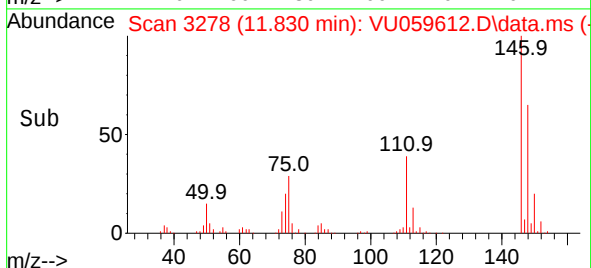
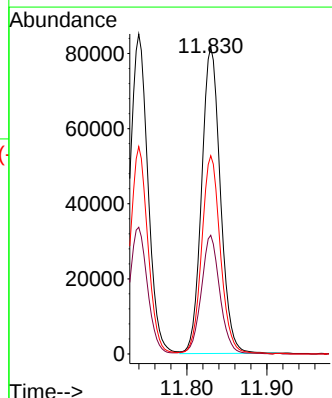
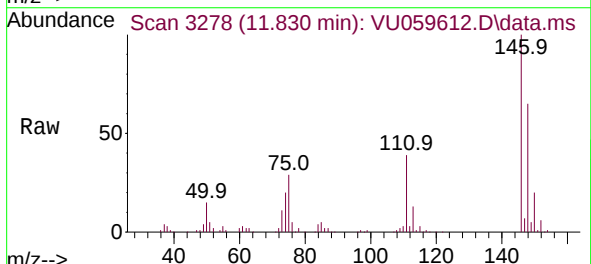
Tgt Ion:146 Resp: 133277

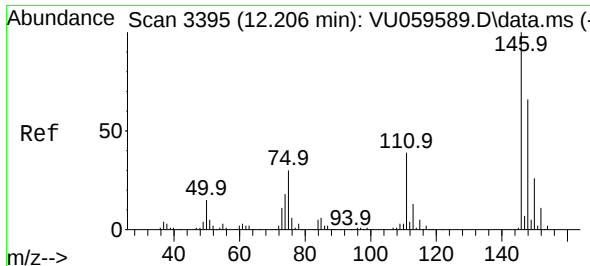
Ion Ratio Lower Upper

146 100

111 38.6 26.9 50.1

148 64.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.088 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

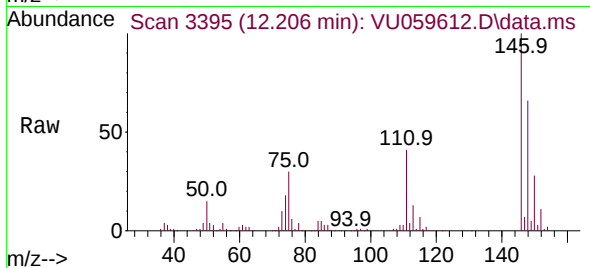
Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :



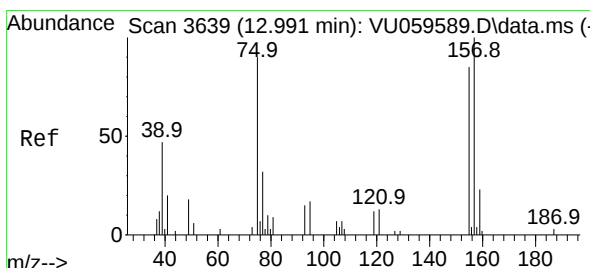
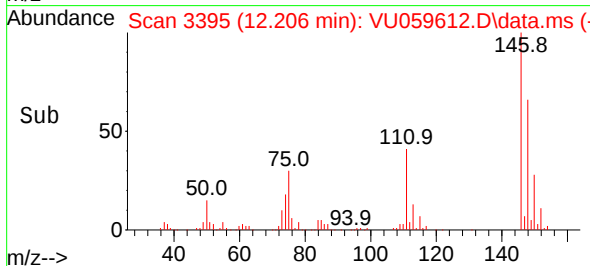
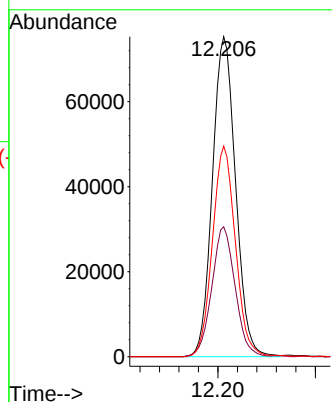
Tgt Ion:146 Resp: 124185

Ion Ratio Lower Upper

146 100

111 40.6 33.4 50.0

148 65.8 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.405 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

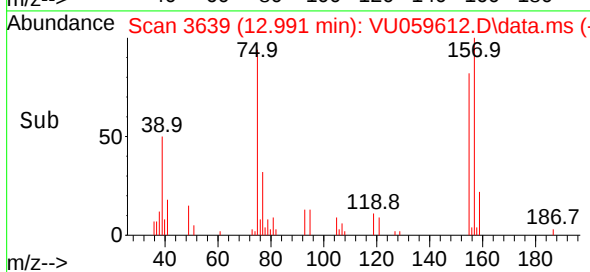
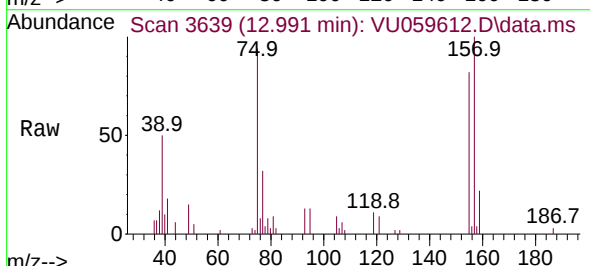
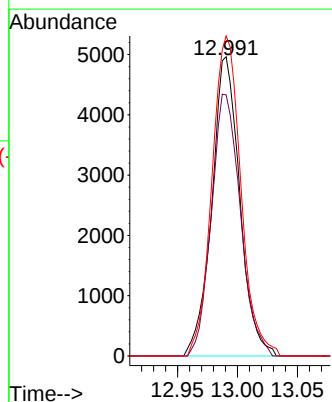
Tgt Ion: 75 Resp: 8041

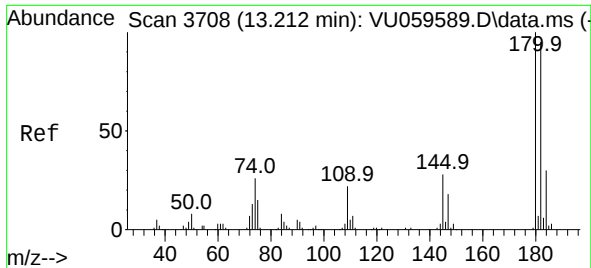
Ion Ratio Lower Upper

75 100

155 87.3 58.2 87.2#

157 107.0 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.924 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

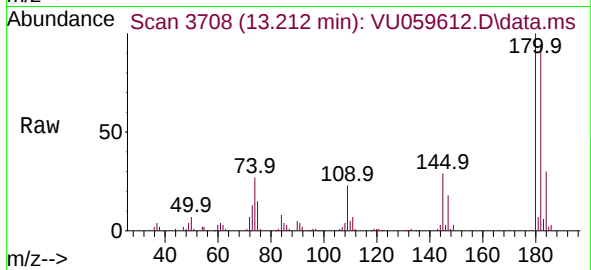
Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 94526

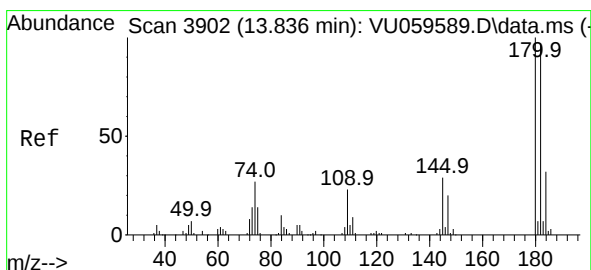
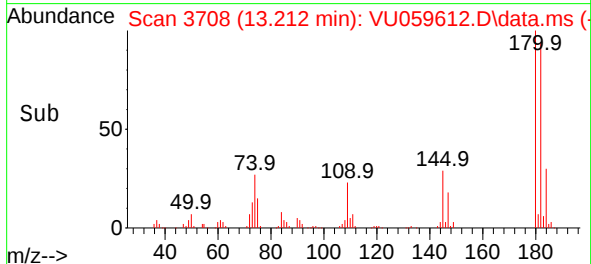
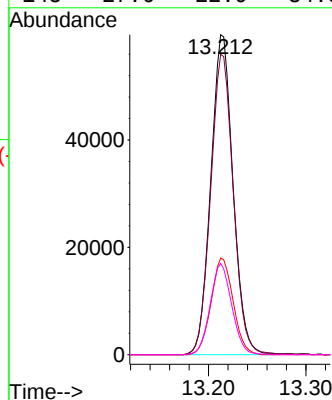
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

184 29.9 23.0 34.6

145 27.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.135 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

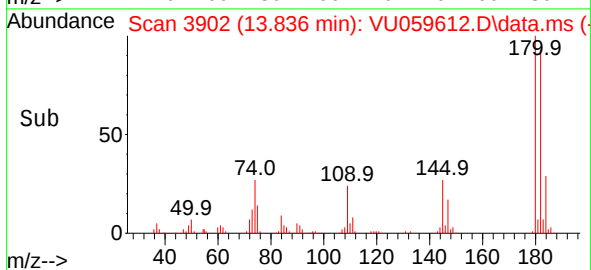
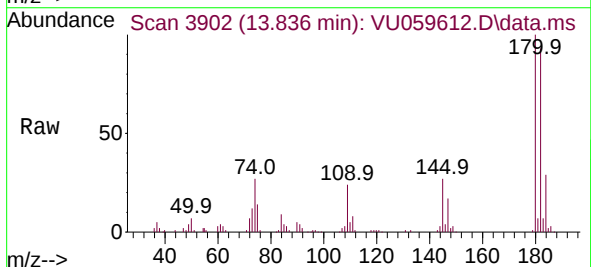
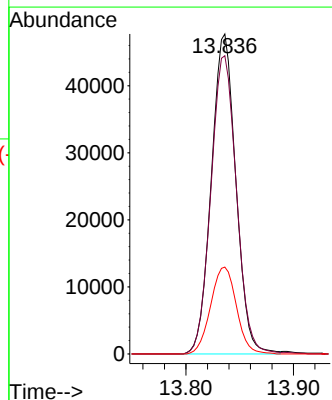
Tgt Ion:180 Resp: 75626

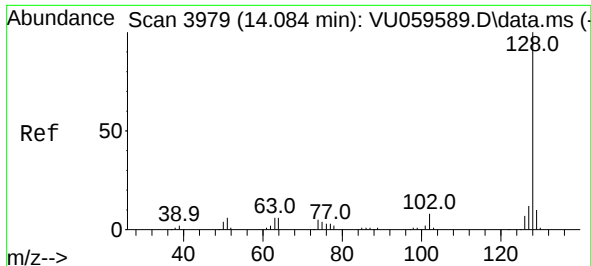
Ion Ratio Lower Upper

180 100

182 97.1 74.9 112.3

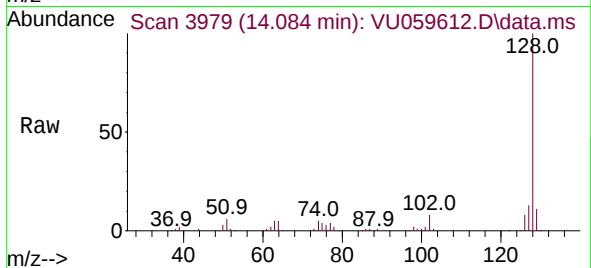
145 28.5 23.9 35.9



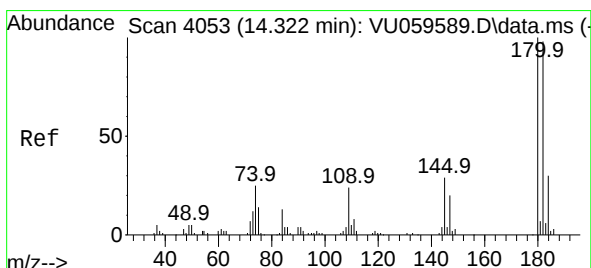
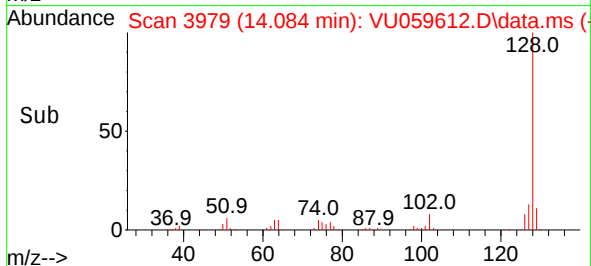
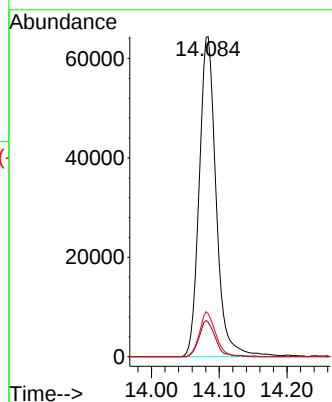


#71
Naphthalene
Concen: 5.307 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 111858
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.328 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:180 Resp: 72858
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.6
145 30.4 26.2 39.4

