

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059615.D
 Acq On : 28 Jun 2024 12:40
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 23:51:35 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	156612	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42178	3.873	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.907	69	45118	4.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	18789	4.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.621	46	108496	48.367	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.740%
24) Chloroform-d	5.055	84	105359	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	48200	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.721	84	208878	4.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	62419	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	194803	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	18348	4.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	95003	54.692	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53574	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	71014	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62367	4.700	ug/L	98
3) Chloromethane	1.518	50	68231	4.777	ug/L	98
5) Vinyl chloride	1.599	62	77155	4.890	ug/L	98
6) Bromomethane	1.853	94	43303	3.947	ug/L	98
8) Chloroethane	1.930	64	47320	4.978	ug/L	100
9) Trichlorofluoromethane	2.132	101	97097	5.112	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	59201	4.924	ug/L	94
12) 1,1-Dichloroethene	2.573	96	55577	5.004	ug/L	84
13) Acetone	2.634	43	67038	46.070	ug/L	92
14) Carbon disulfide	2.788	76	179367	4.840	ug/L	98
15) Methyl Acetate	2.946	43	18711	4.873	ug/L	93
16) Methylene chloride	3.039	84	65348	4.965	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	120334	5.027	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	58131	5.032	ug/L	90
19) 1,1-Dichloroethane	3.859	63	109082	5.121	ug/L	96
21) 2-Butanone	4.701	43	116988	50.124	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	64212	5.043	ug/L	97
23) Bromochloromethane	4.968	128	30141	5.193	ug/L	85
25) Chloroform	5.078	83	114550	5.106	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059615.D
 Acq On : 28 Jun 2024 12:40
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 23:51:35 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

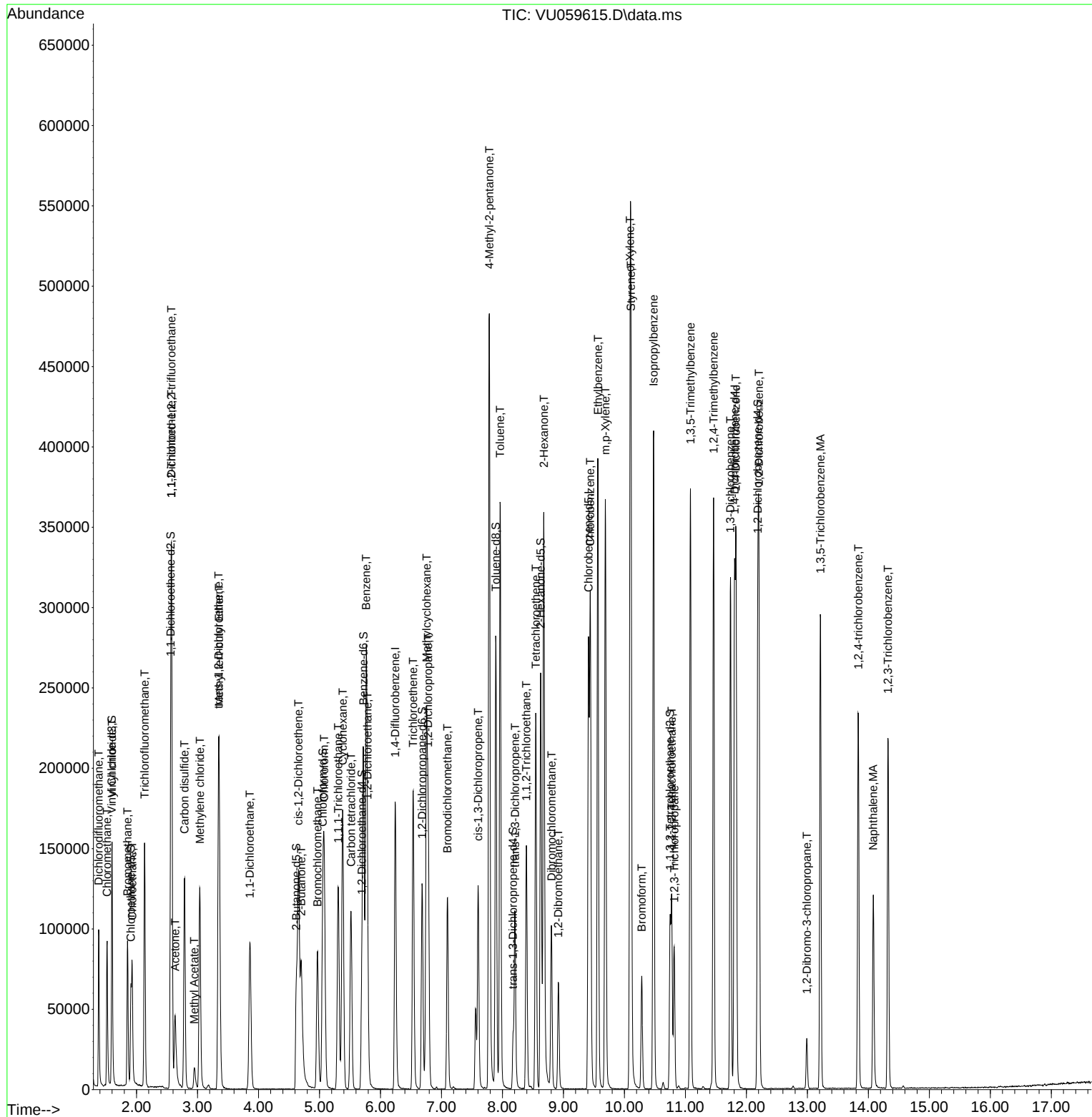
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68055	5.005	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	91460	5.003	ug/L	98
30) Cyclohexane	5.380	56	81083	5.024	ug/L	94
31) Carbon tetrachloride	5.518	117	78969	5.159	ug/L	99
33) Benzene	5.766	78	252895	5.260	ug/L	100
34) Trichloroethene	6.534	95	66867	5.136	ug/L	97
35) Methylcyclohexane	6.756	83	90073	4.862	ug/L	95
37) 1,2-Dichloropropane	6.782	63	63883	5.135	ug/L #	97
38) Bromodichloromethane	7.100	83	79047	5.090	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	79640	4.681	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	295315	51.227	ug/L #	95
42) Toluene	7.962	91	275797	5.419	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	63614	4.658	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	48660	5.308	ug/L	97
47) Tetrachloroethene	8.547	164	53866	5.332	ug/L	97
48) 2-Hexanone	8.679	43	211760	51.469	ug/L #	92
49) Dibromochloromethane	8.804	129	52962	5.215	ug/L	98
50) 1,2-Dibromoethane	8.917	107	45200	5.339	ug/L	97
51) Chlorobenzene	9.441	112	170936	5.295	ug/L	96
52) Ethylbenzene	9.566	91	276451	5.295	ug/L	95
53) m,p-Xylene	9.688	106	107488	5.360	ug/L	98
54) o-Xylene	10.094	106	103494	5.438	ug/L	96
55) Styrene	10.110	104	180166	5.561	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	59341	5.336	ug/L	97
59) Bromoform	10.283	173	32592	5.139	ug/L #	98
60) Isopropylbenzene	10.479	105	270729	5.289	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	39056	5.100	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	207519	5.117	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	206729	5.332	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	139073	5.342	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	138628	5.173	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	128076	5.228	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8326	5.575	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	98221	5.097	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	77740	5.259	ug/L	98
71) Naphthalene	14.081	128	104409	4.934	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	73549	5.358	ug/L	96

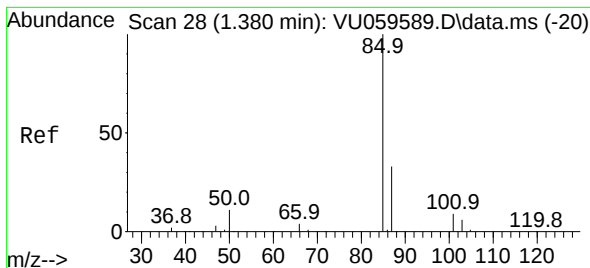
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
Data File : VU059615.D
Acq On : 28 Jun 2024 12:40
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 28 23:51:35 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

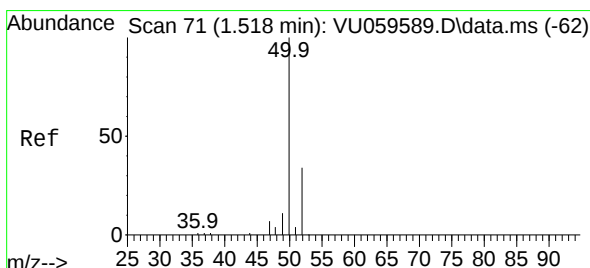
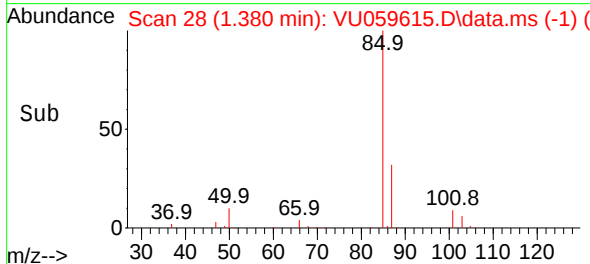
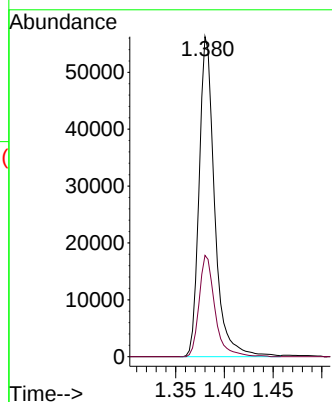
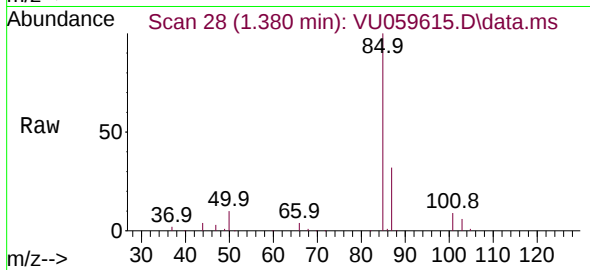




#2
 Dichlorodifluoromethane
 Concen: 4.700 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059615.D
 Acq: 28 Jun 2024 12:40

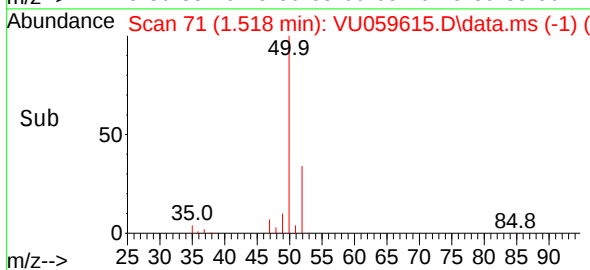
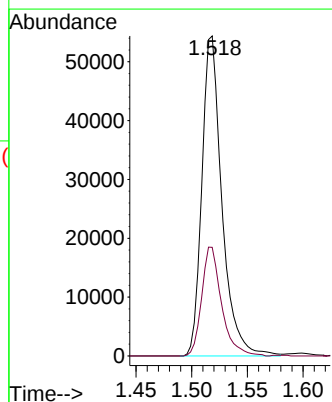
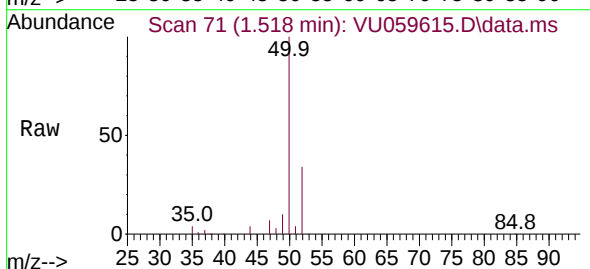
Instrument :
 MSVOA_U
 ClientSampleId :

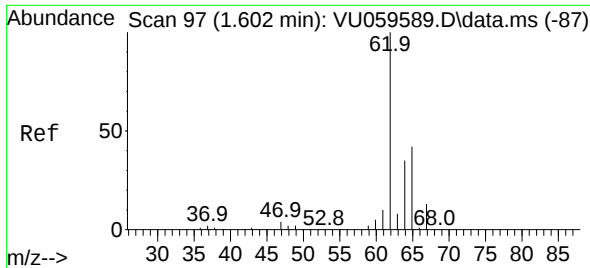
Tgt Ion: 85 Resp: 62367
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.6 40.0



#3
 Chloromethane
 Concen: 4.777 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059615.D
 Acq: 28 Jun 2024 12:40

Tgt Ion: 50 Resp: 68231
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.0

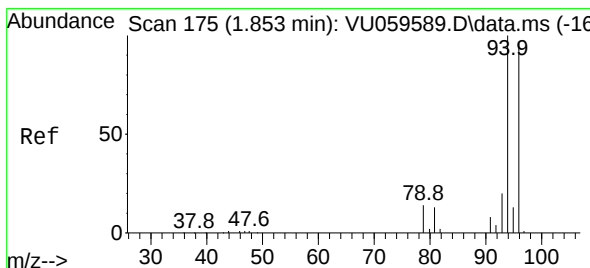
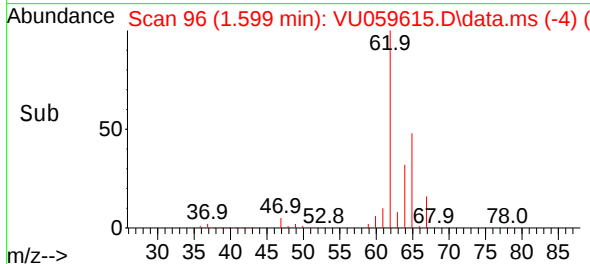
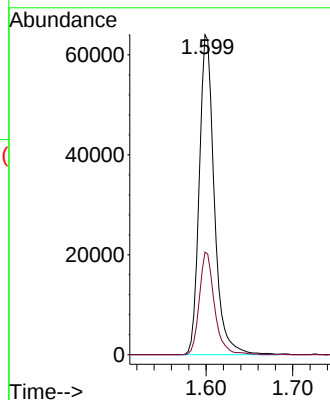
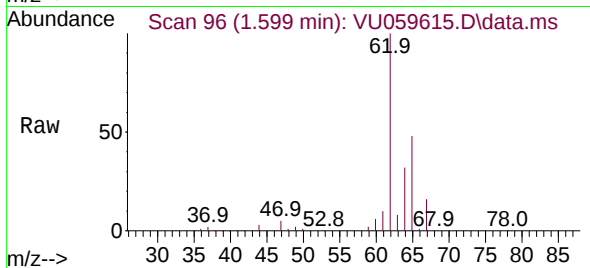




#5
 Vinyl chloride
 Concen: 4.890 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU059615.D
 Acq: 28 Jun 2024 12:40

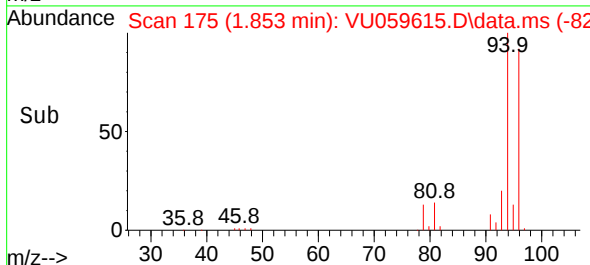
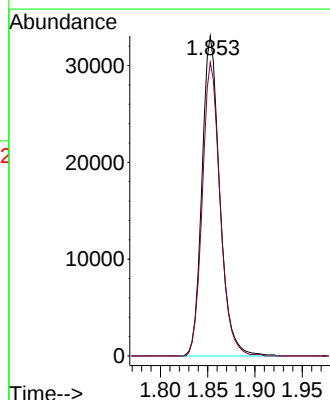
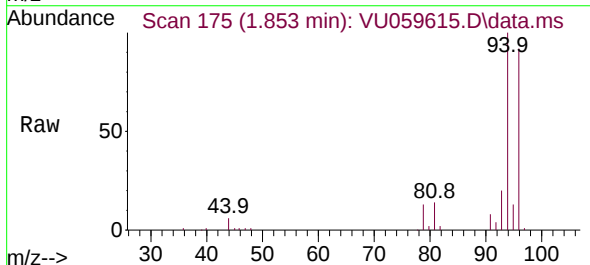
Instrument :
 MSVOA_U
 ClientSampleId :

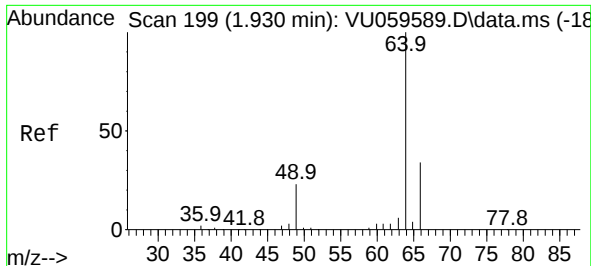
Tgt Ion: 62 Resp: 77155
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 3.947 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059615.D
 Acq: 28 Jun 2024 12:40

Tgt Ion: 94 Resp: 43303
 Ion Ratio Lower Upper
 94 100
 96 91.8 62.9 116.9

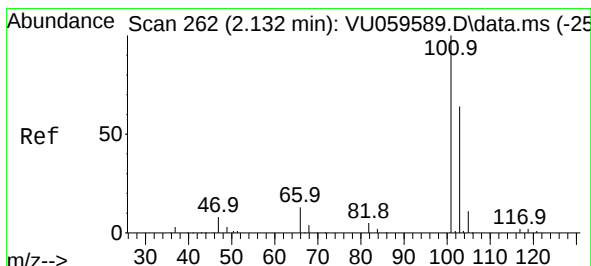
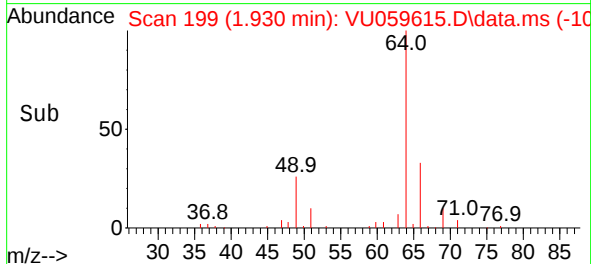
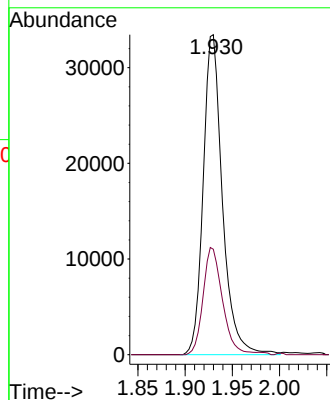
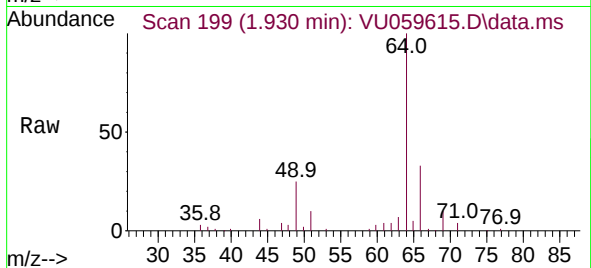




#8
Chloroethane
Concen: 4.978 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

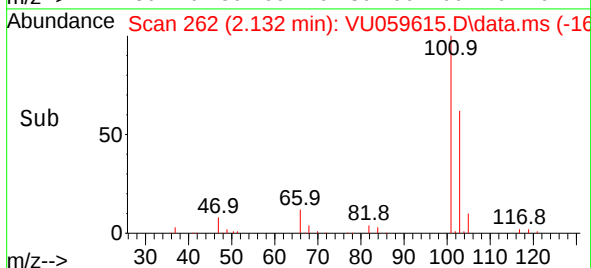
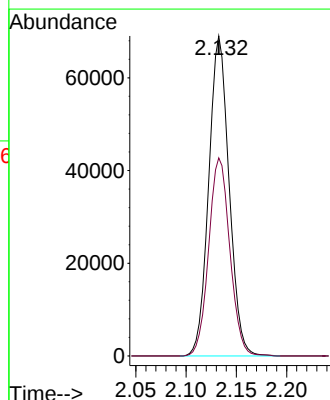
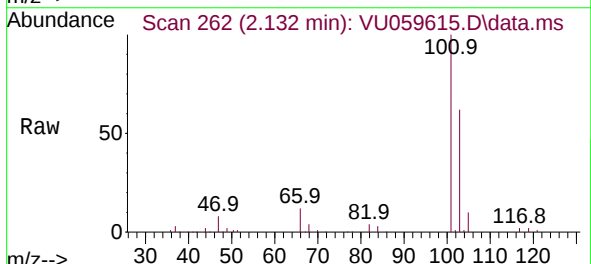
Instrument :
MSVOA_U
ClientSampleId :

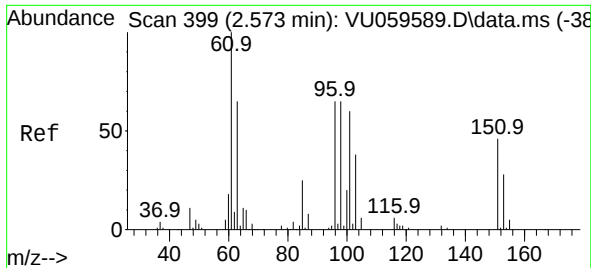
Tgt Ion: 64 Resp: 47320
Ion Ratio Lower Upper
64 100
66 32.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.112 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion:101 Resp: 97097
Ion Ratio Lower Upper
101 100
103 64.3 52.6 79.0

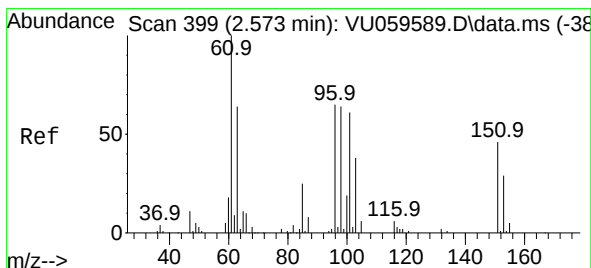
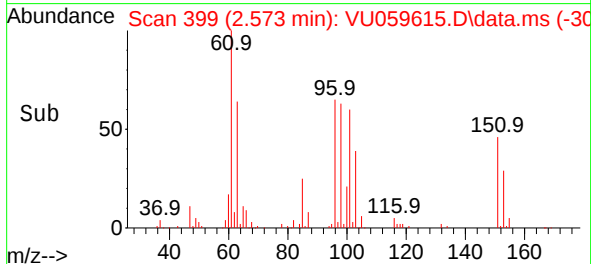
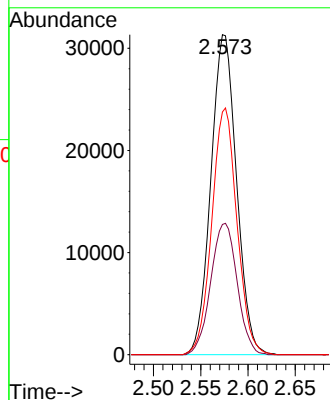
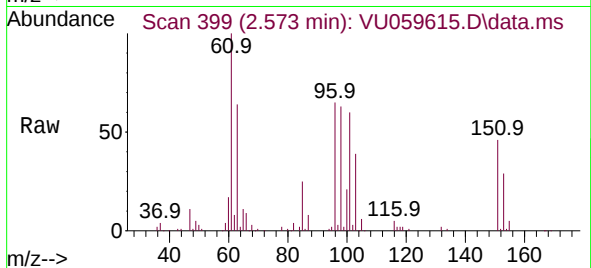




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.924 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

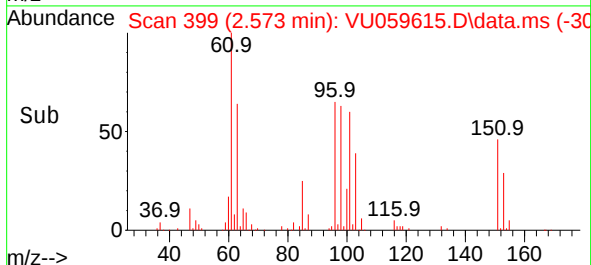
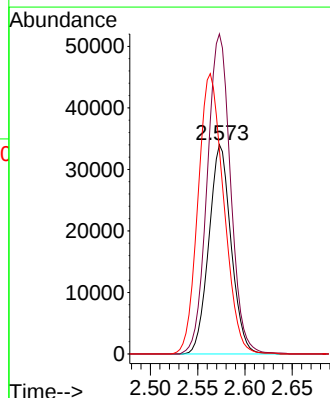
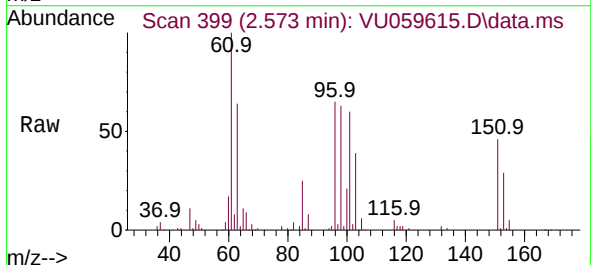
Instrument :
MSVOA_U
ClientSampleId :

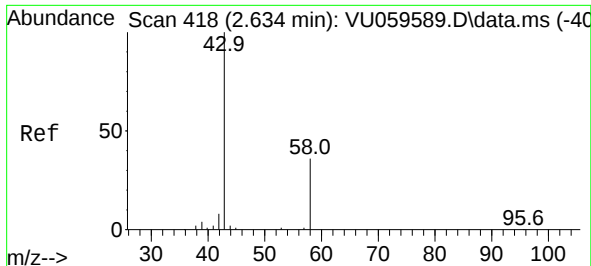
Tgt Ion:101 Resp: 59201
Ion Ratio Lower Upper
101 100
85 42.2 36.2 54.4
151 75.6 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.004 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion: 96 Resp: 55577
Ion Ratio Lower Upper
96 100
61 152.9 122.9 228.3
63 97.5 80.4 149.4





#13

Acetone

Concen: 46.070 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

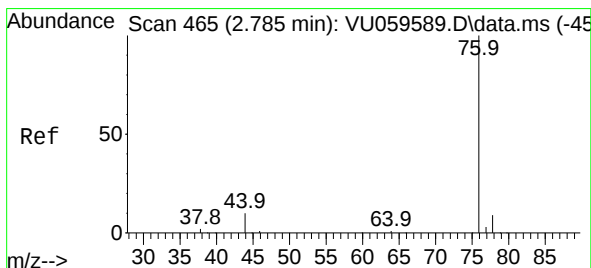
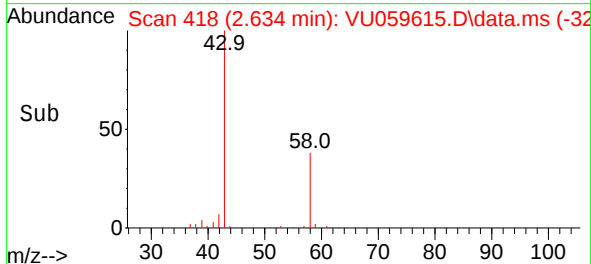
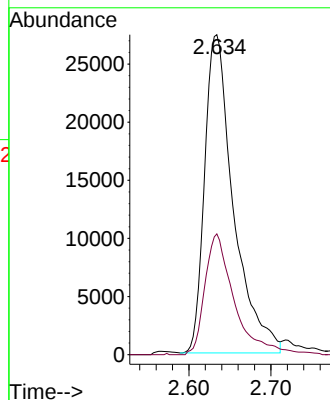
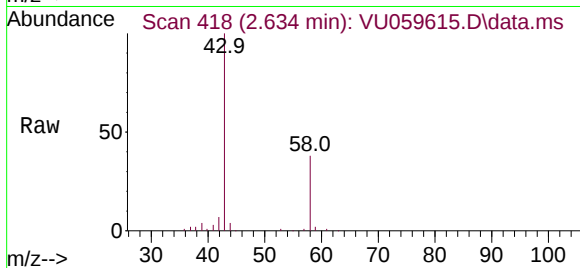
ClientSampleId :

Tgt Ion: 43 Resp: 67038

Ion Ratio Lower Upper

43 100

58 38.9 0.0 68.0



#14

Carbon disulfide

Concen: 4.840 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059615.D

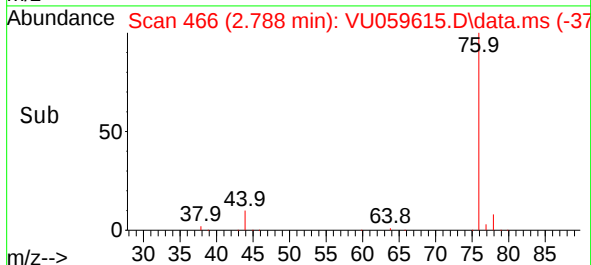
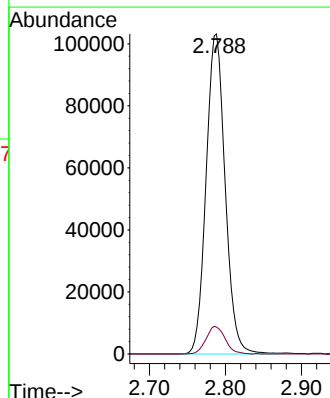
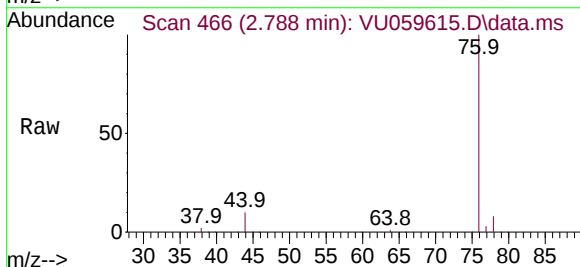
Acq: 28 Jun 2024 12:40

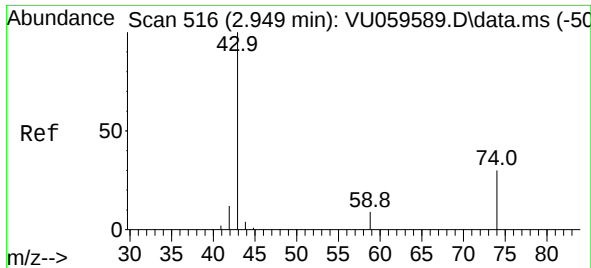
Tgt Ion: 76 Resp: 179367

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

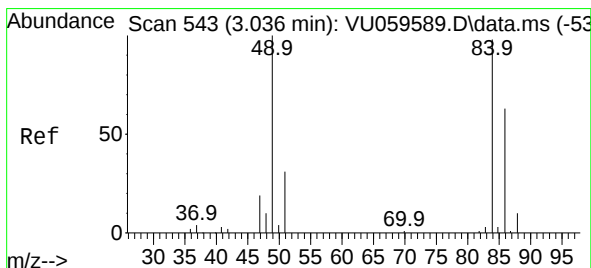
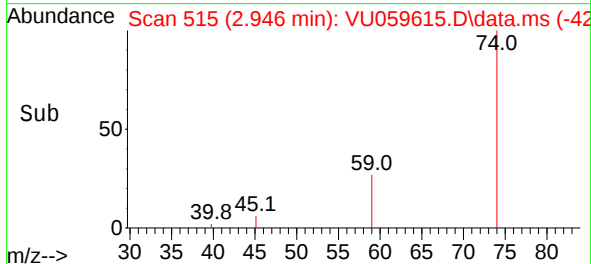
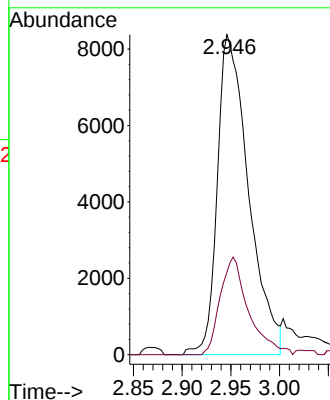
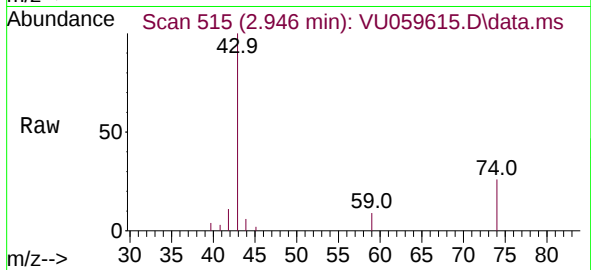




#15
Methyl Acetate
Concen: 4.873 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

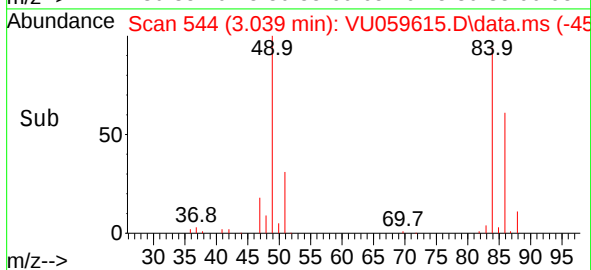
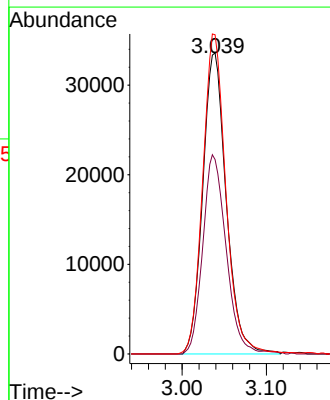
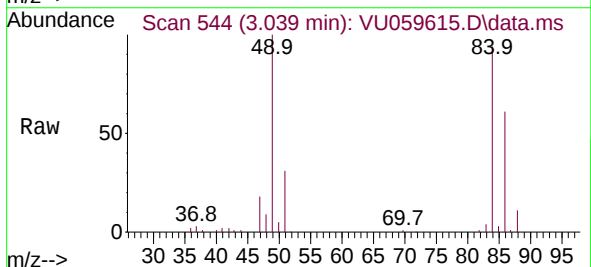
Instrument :
MSVOA_U
ClientSampleId :

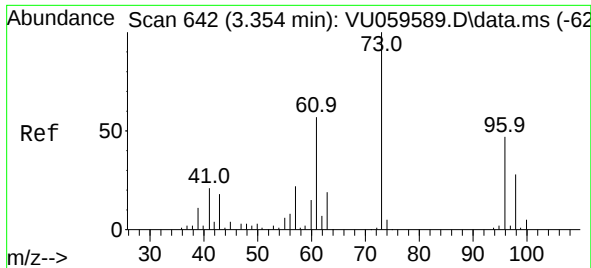
Tgt Ion: 43 Resp: 18711
Ion Ratio Lower Upper
43 100
74 27.7 19.2 28.8



#16
Methylene chloride
Concen: 4.965 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion: 84 Resp: 65348
Ion Ratio Lower Upper
84 100
86 64.6 42.1 78.1
49 106.1 80.6 149.8

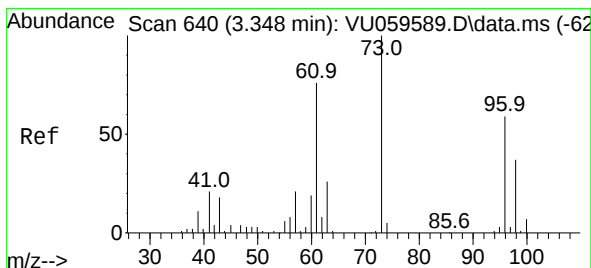
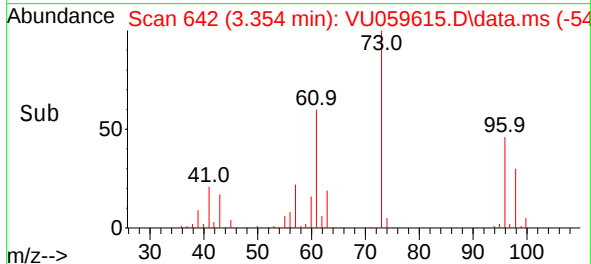
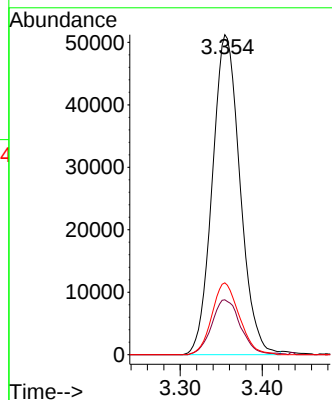
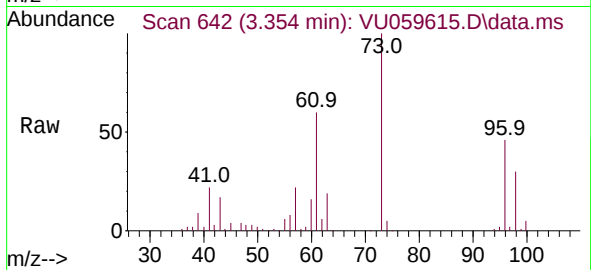




#17
Methyl tert-butyl Ether
Concen: 5.027 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

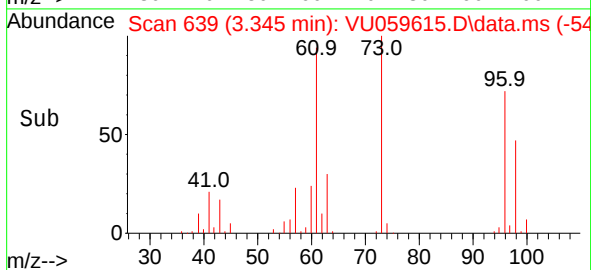
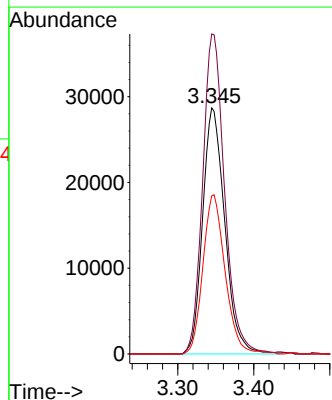
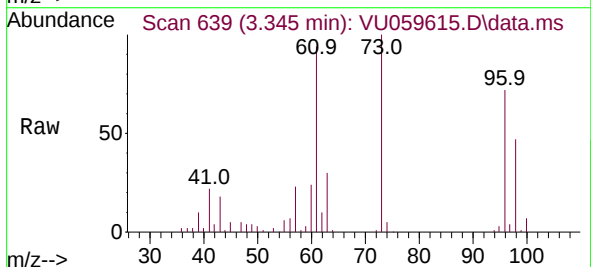
Instrument :
MSVOA_U
ClientSampleId :

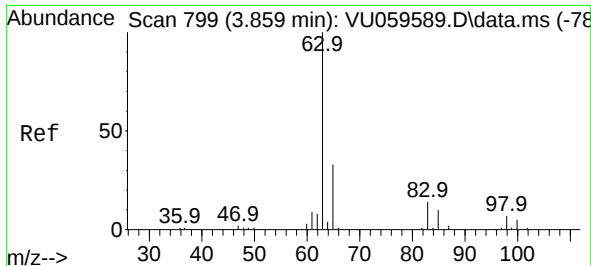
Tgt Ion:	73	Resp:	120334
Ion	Ratio	Lower	Upper
73	100		
43	17.7	14.9	22.3
57	22.2	18.0	27.0



#18
trans-1,2-Dichloroethene
Concen: 5.032 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

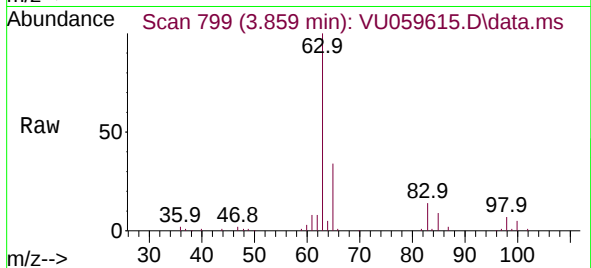
Tgt Ion:	96	Resp:	58131
Ion	Ratio	Lower	Upper
96	100		
61	130.0	101.8	189.0
98	64.2	43.3	80.5



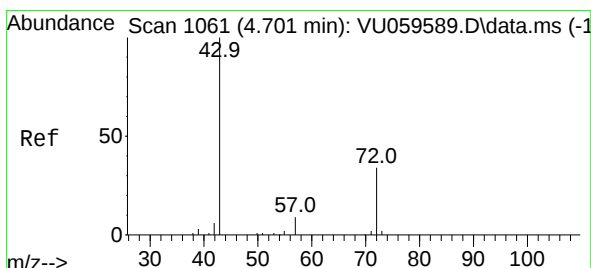
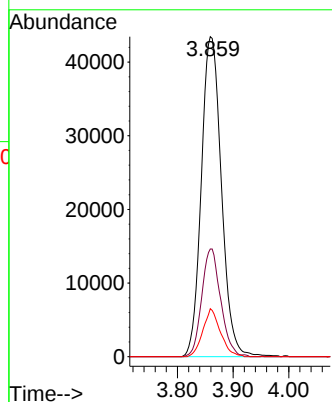
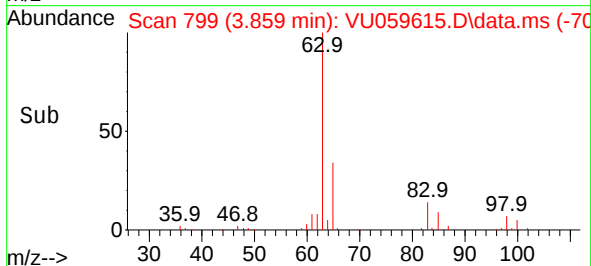


#19
1,1-Dichloroethane
Concen: 5.121 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

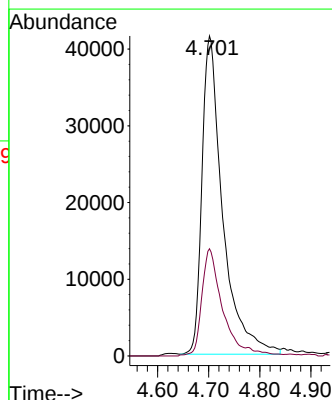
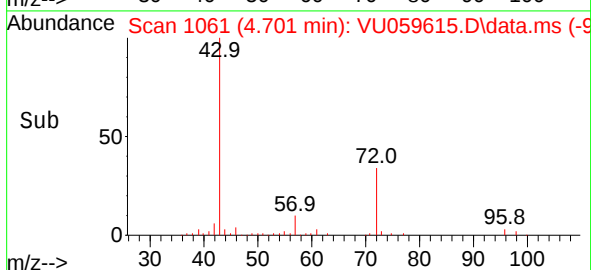
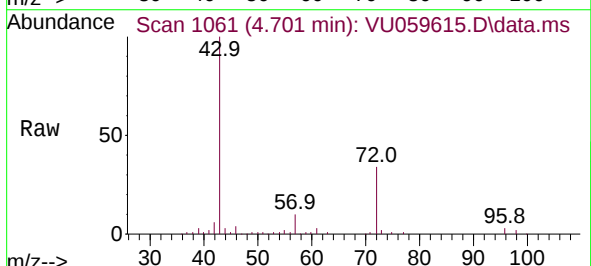


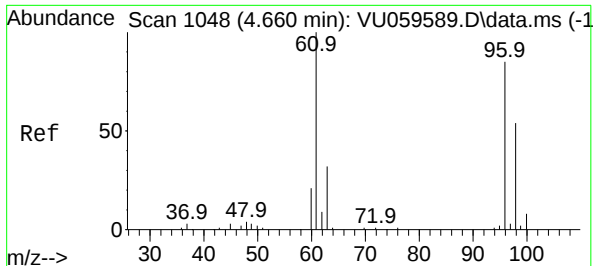
Tgt Ion: 63 Resp: 109082
Ion Ratio Lower Upper
63 100
65 34.2 21.8 40.6
83 15.0 9.9 18.5



#21
2-Butanone
Concen: 50.124 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion: 43 Resp: 116988
Ion Ratio Lower Upper
43 100
72 32.1 13.8 41.4

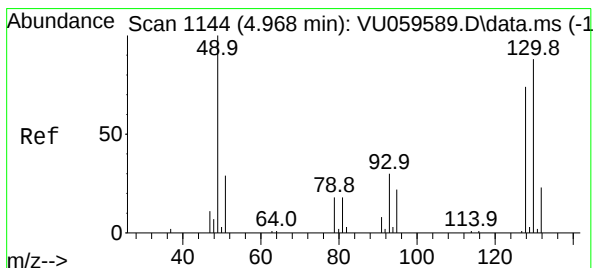
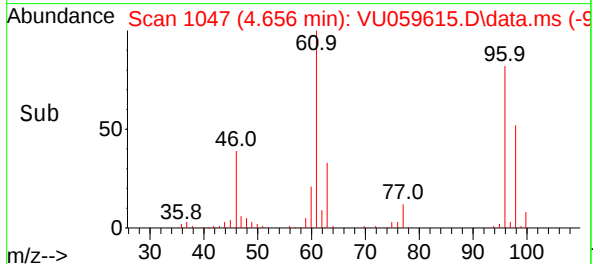
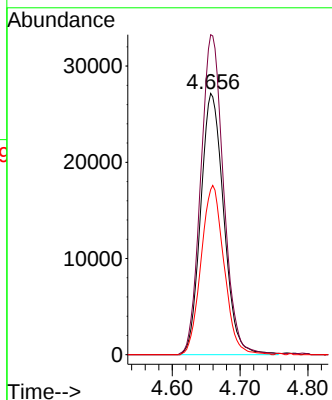
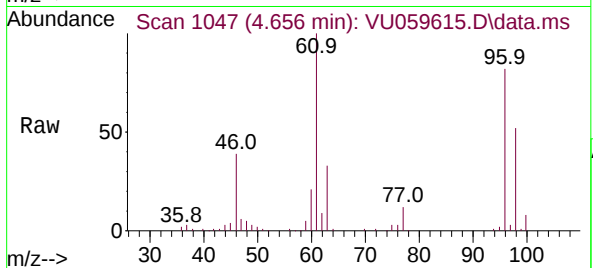




#22
 cis-1,2-Dichloroethene
 Concen: 5.043 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU059615.D
 Acq: 28 Jun 2024 12:40

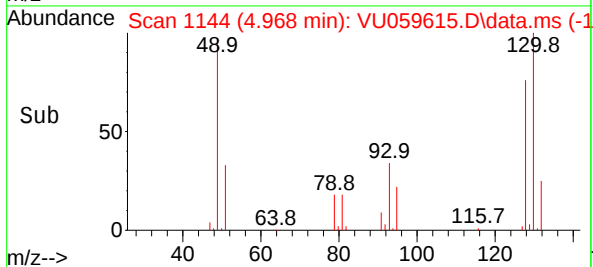
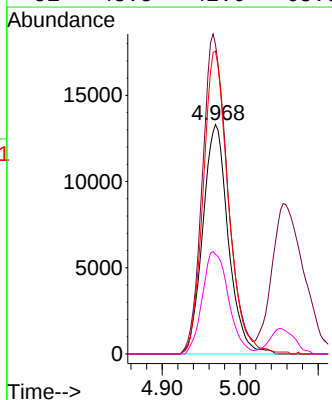
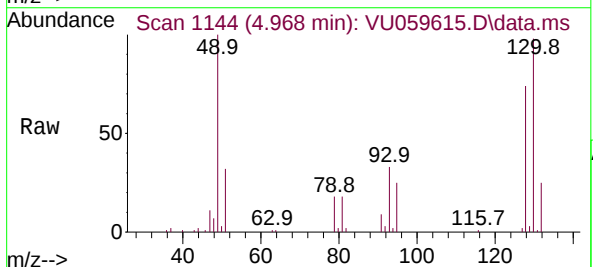
Instrument :
 MSVOA_U
 ClientSampleId :

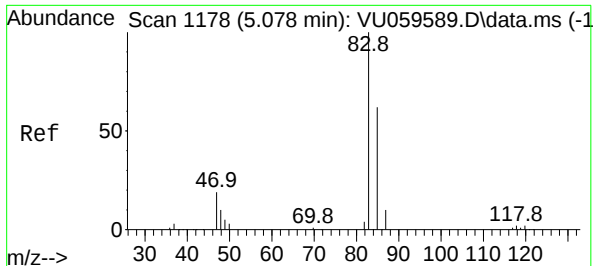
Tgt Ion: 96 Resp: 64212
 Ion Ratio Lower Upper
 96 100
 61 122.5 87.4 162.2
 98 63.2 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.193 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU059615.D
 Acq: 28 Jun 2024 12:40

Tgt Ion:128 Resp: 30141
 Ion Ratio Lower Upper
 128 100
 49 134.9 117.0 217.4
 130 132.0 89.6 166.4
 51 43.5 42.0 63.0

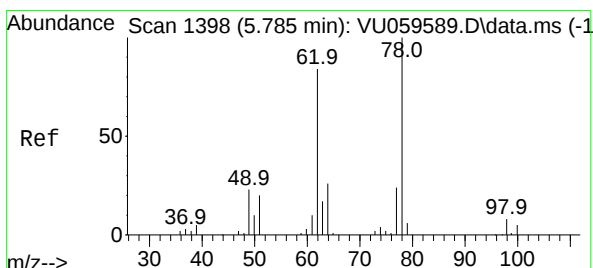
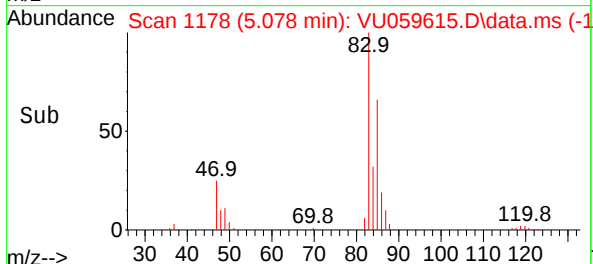
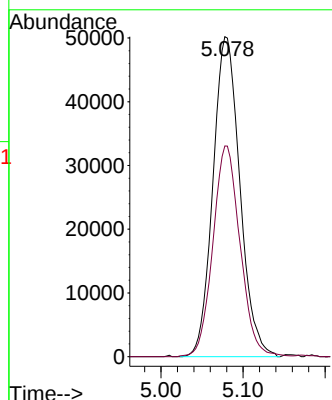
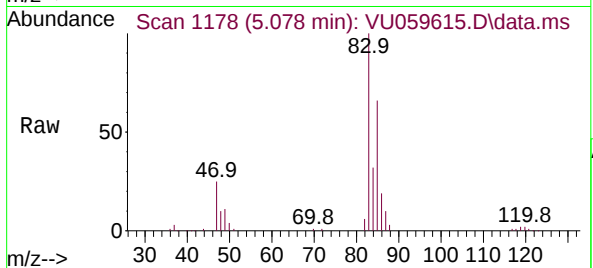




#25
Chloroform
Concen: 5.106 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

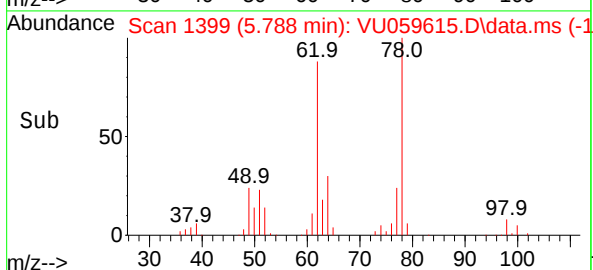
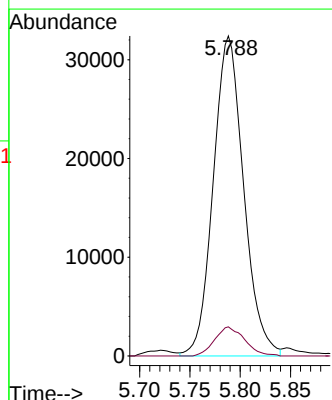
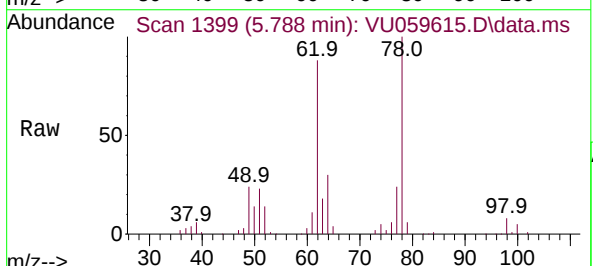
Instrument :
MSVOA_U
ClientSampleId :

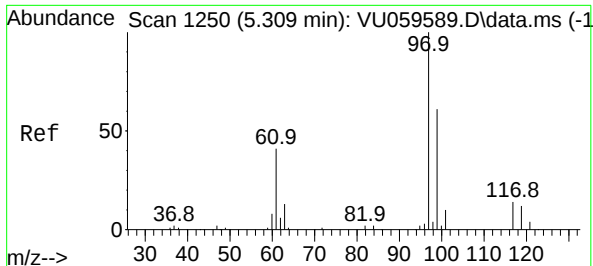
Tgt Ion: 83 Resp: 114550
Ion Ratio Lower Upper
83 100
85 65.8 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.005 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion: 62 Resp: 68055
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3

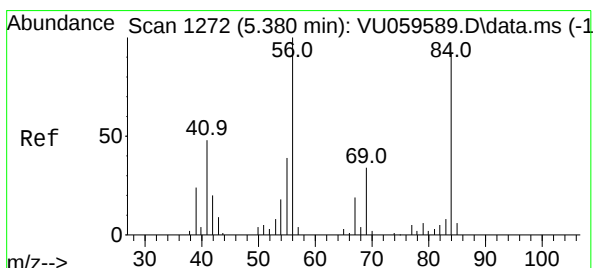
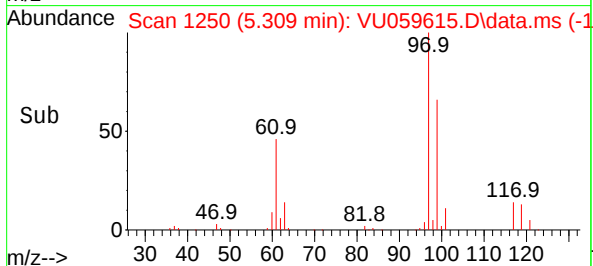
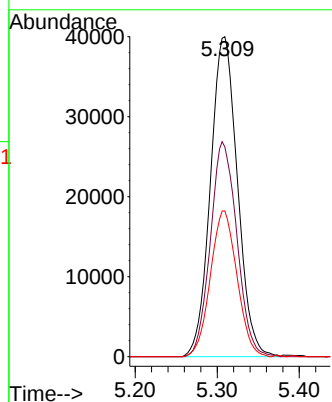
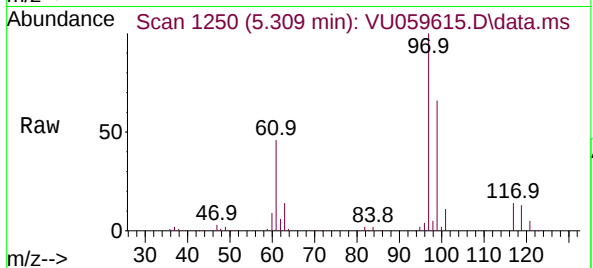




#29
1,1,1-Trichloroethane
Concen: 5.003 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

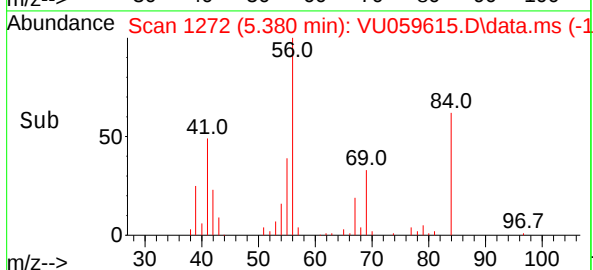
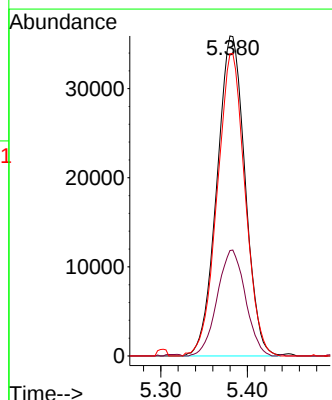
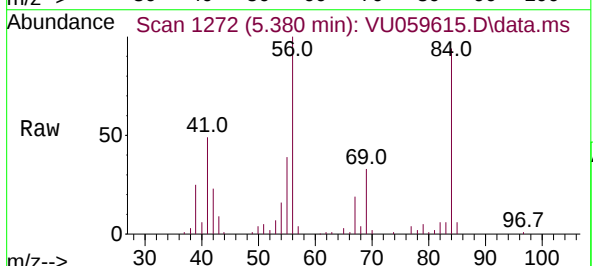
Instrument :
MSVOA_U
ClientSampleId :

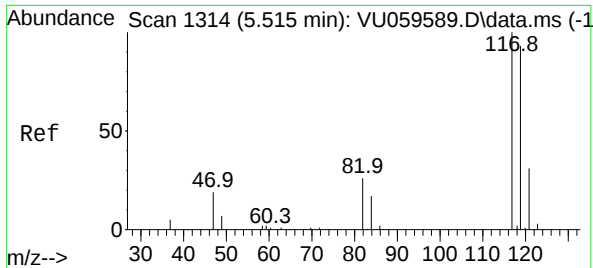
Tgt Ion:	97	Resp:	91460
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.8	77.6
61	44.9	37.4	56.2



#30
Cyclohexane
Concen: 5.024 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion:	56	Resp:	81083
Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.8	37.2
84	93.3	69.8	104.8

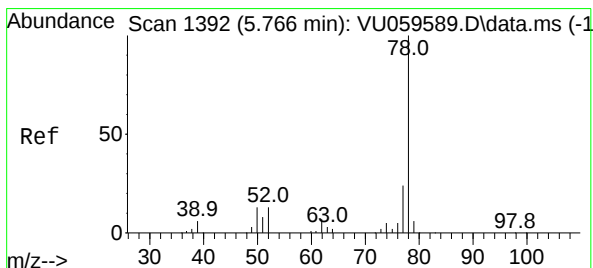
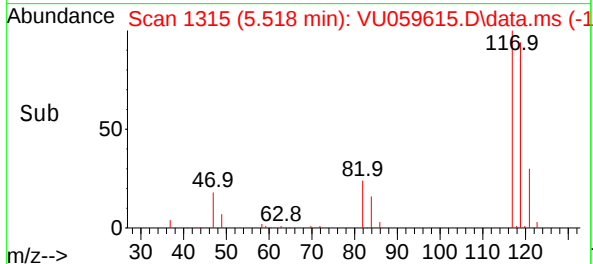
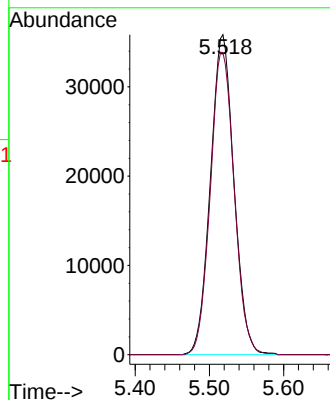
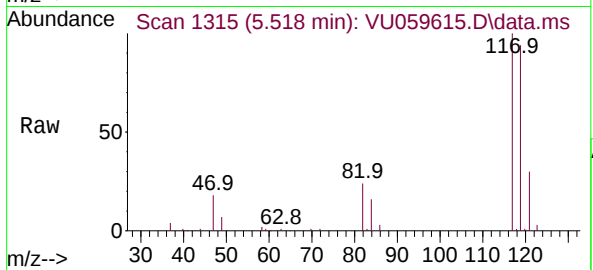




#31
Carbon tetrachloride
Concen: 5.159 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

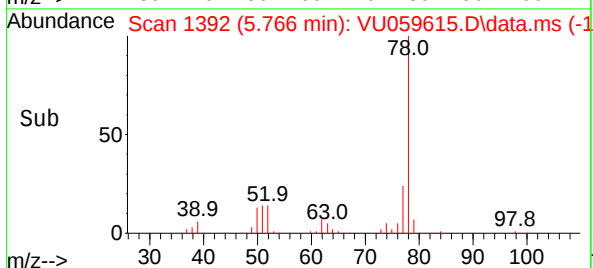
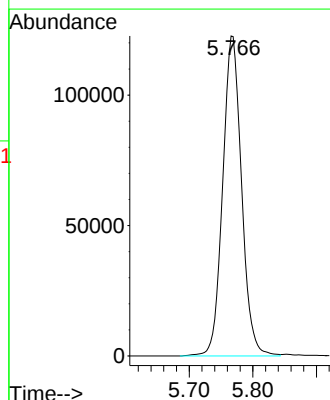
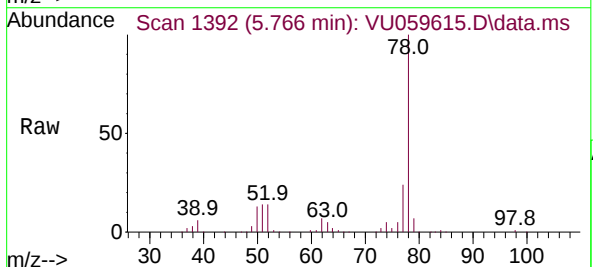
Instrument :
MSVOA_U
ClientSampleId :

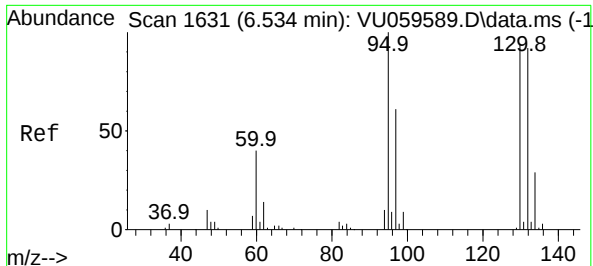
Tgt Ion:117 Resp: 78969
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 5.260 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion: 78 Resp: 252895





#34

Trichloroethene

Concen: 5.136 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 66867

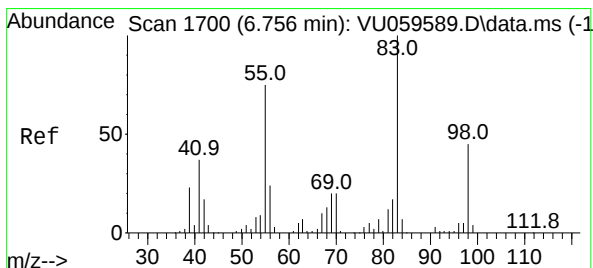
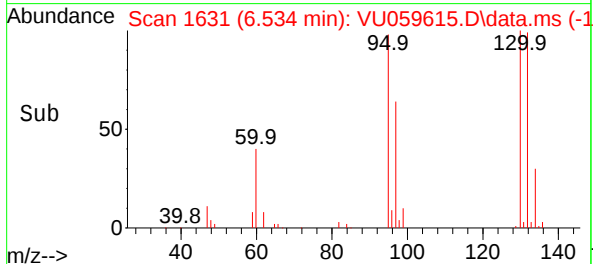
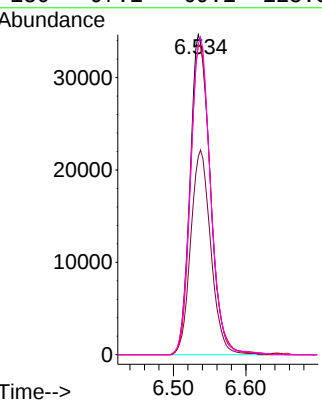
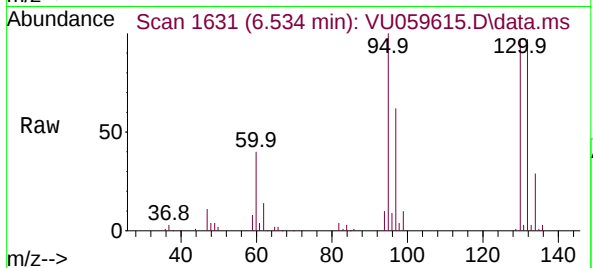
Ion Ratio Lower Upper

95 100

97 61.9 45.3 84.1

132 96.5 64.0 119.0

130 97.1 69.1 128.3



#35

Methylcyclohexane

Concen: 4.862 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

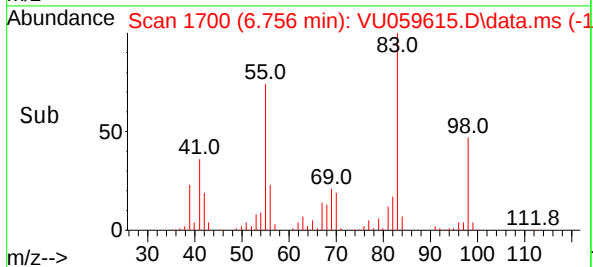
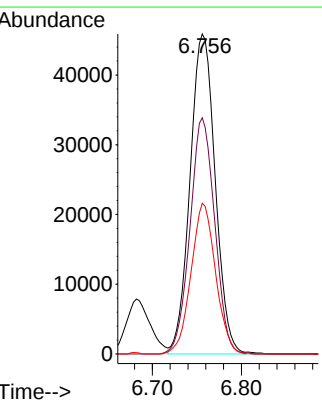
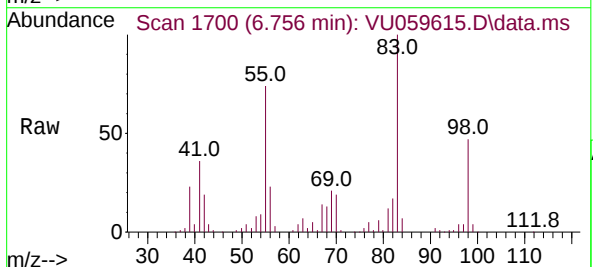
Tgt Ion: 83 Resp: 90073

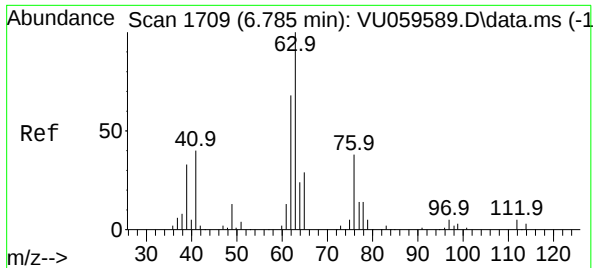
Ion Ratio Lower Upper

83 100

55 72.5 62.7 94.1

98 45.9 35.4 53.0

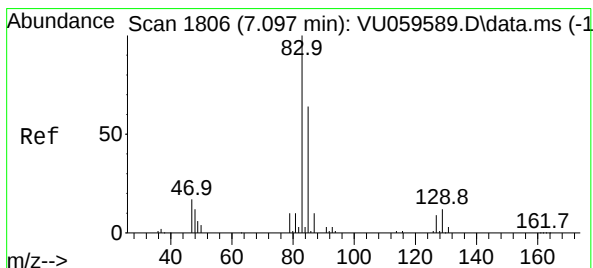
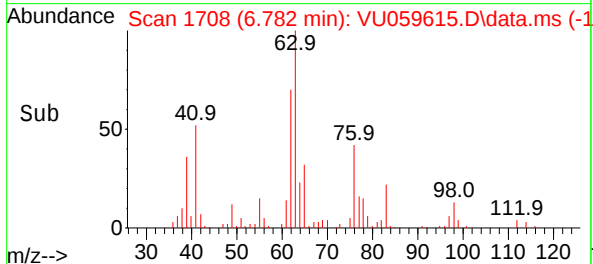
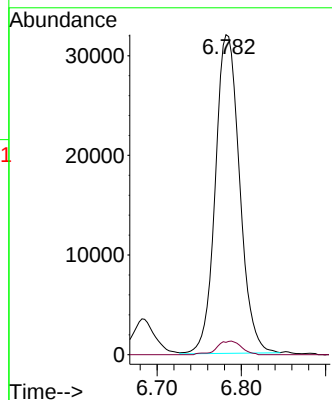
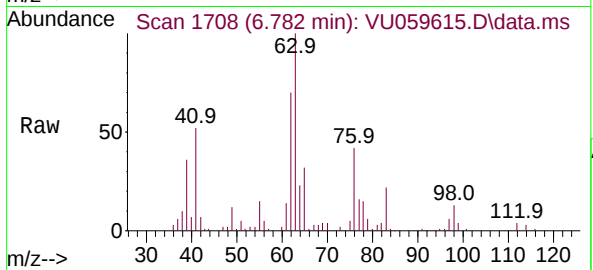




#37
1,2-Dichloropropane
Concen: 5.135 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

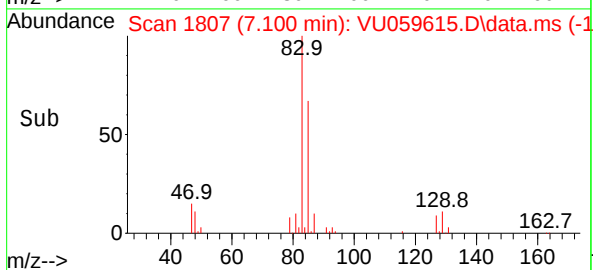
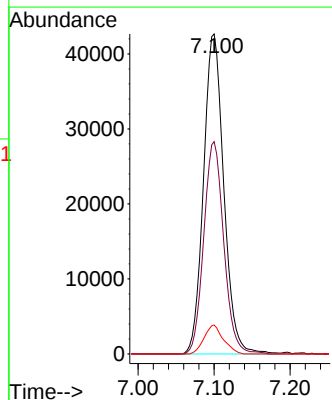
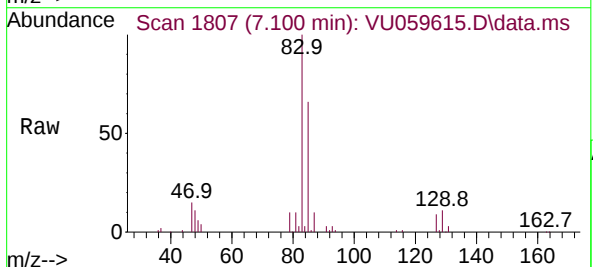
Instrument :
MSVOA_U
ClientSampleId :

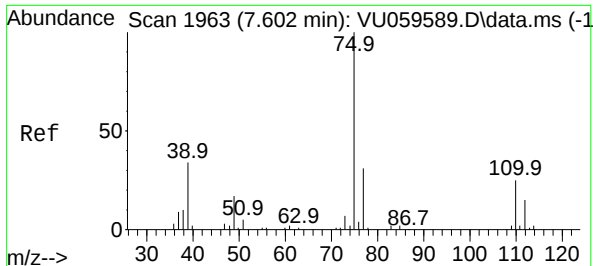
Tgt Ion: 63 Resp: 63883
Ion Ratio Lower Upper
63 100
112 4.3 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.090 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion: 83 Resp: 79047
Ion Ratio Lower Upper
83 100
85 66.3 42.7 79.3
127 9.1 6.1 9.1

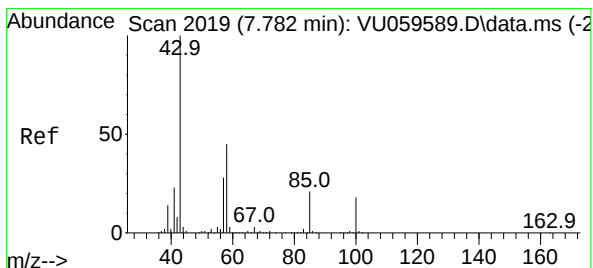
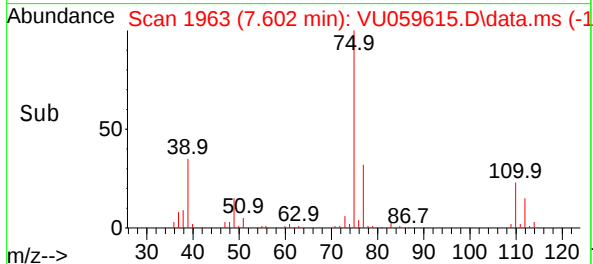
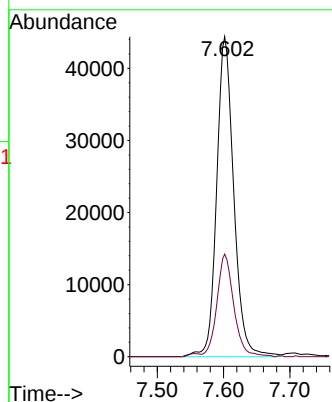
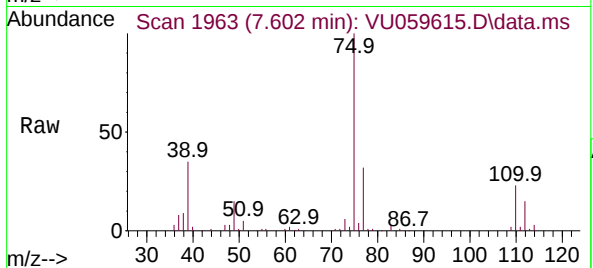




#39
 cis-1,3-Dichloropropene
 Concen: 4.681 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059615.D
 Acq: 28 Jun 2024 12:40

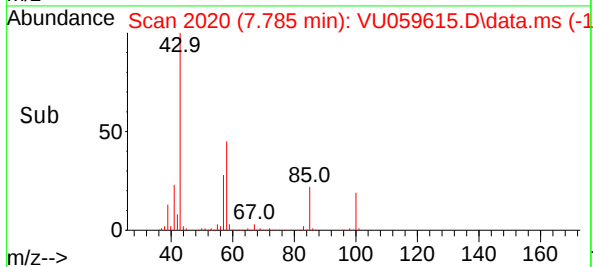
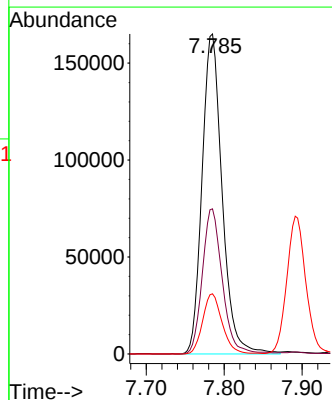
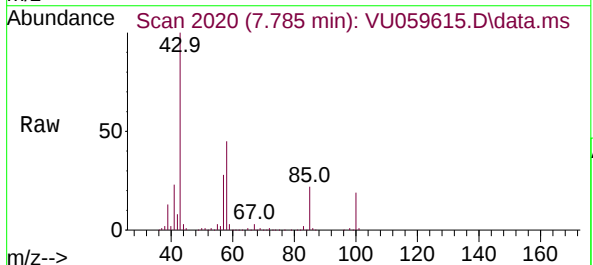
Instrument :
 MSVOA_U
 ClientSampleId :

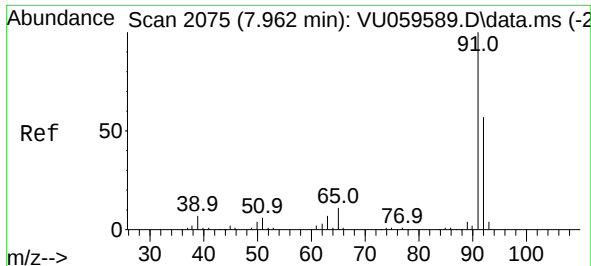
Tgt Ion: 75 Resp: 79640
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 51.227 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU059615.D
 Acq: 28 Jun 2024 12:40

Tgt Ion: 43 Resp: 295315
 Ion Ratio Lower Upper
 43 100
 58 45.2 34.0 51.0
 100 18.4 12.1 18.1#





#42

Toluene

Concen: 5.419 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

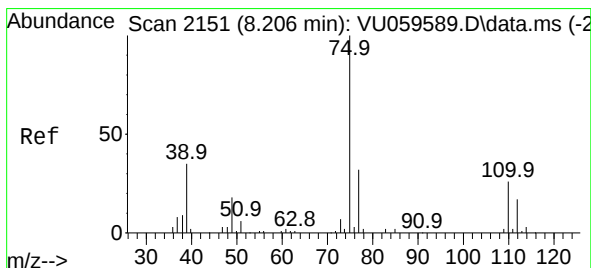
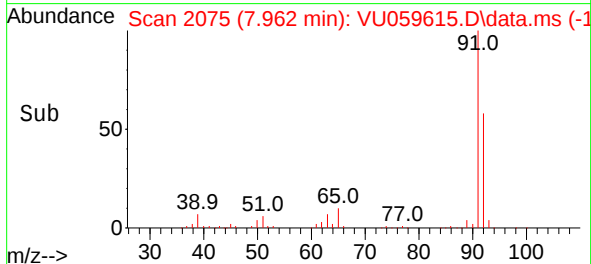
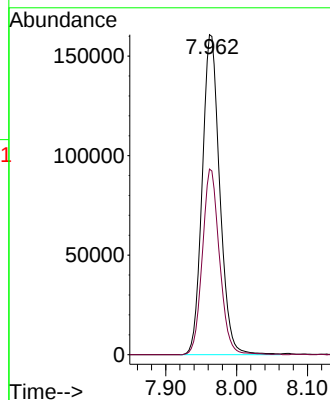
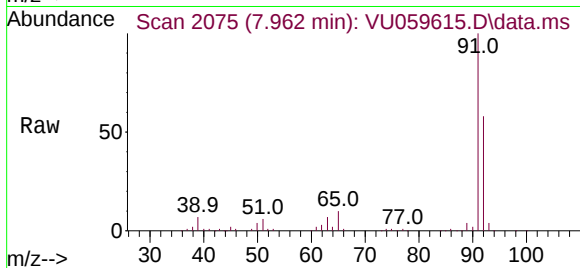
ClientSampleId :

Tgt Ion: 91 Resp: 275797

Ion Ratio Lower Upper

91 100

92 58.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.658 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059615.D

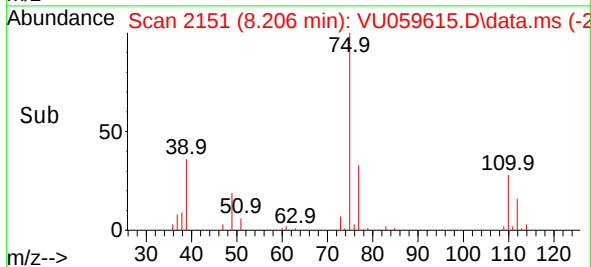
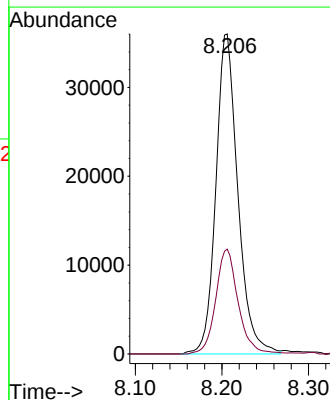
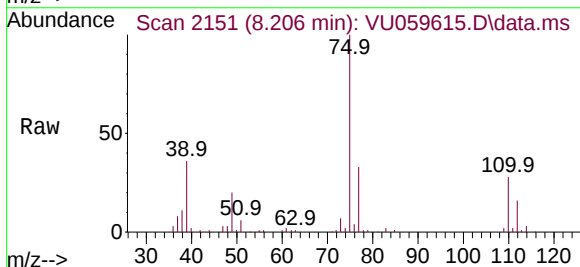
Acq: 28 Jun 2024 12:40

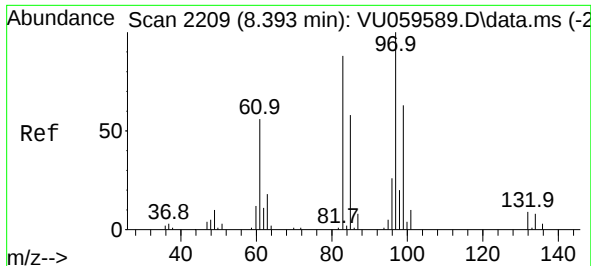
Tgt Ion: 75 Resp: 63614

Ion Ratio Lower Upper

75 100

77 32.7 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.308 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 48660

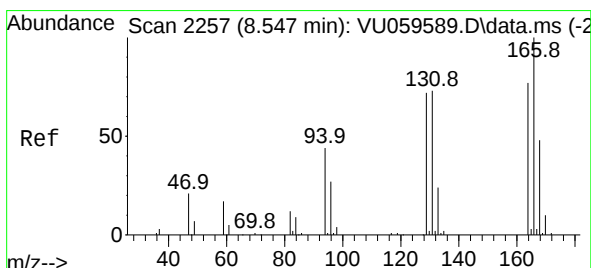
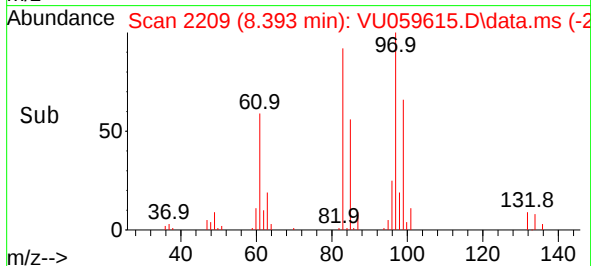
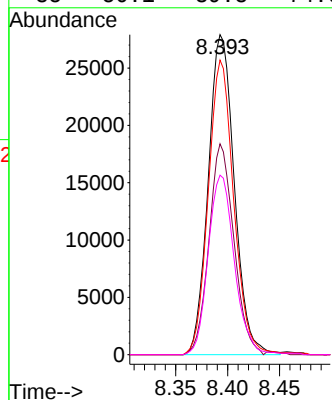
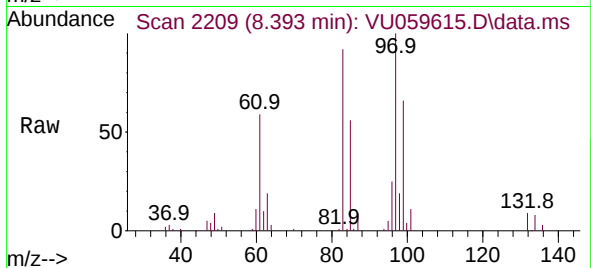
Ion Ratio Lower Upper

97 100

99 65.9 43.3 80.3

83 92.0 62.3 115.7

85 56.1 39.8 74.0



#47

Tetrachloroethene

Concen: 5.332 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Tgt Ion:164 Resp: 53866

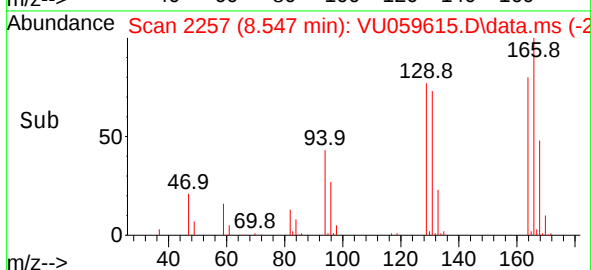
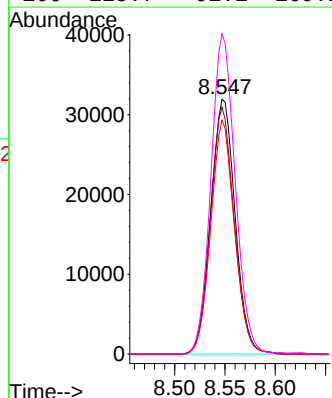
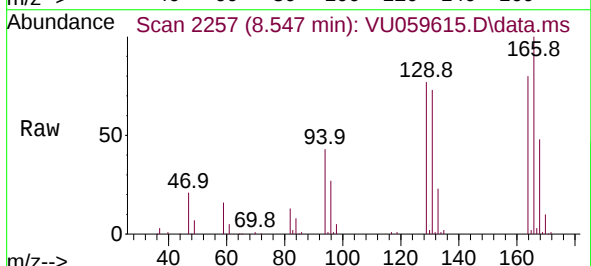
Ion Ratio Lower Upper

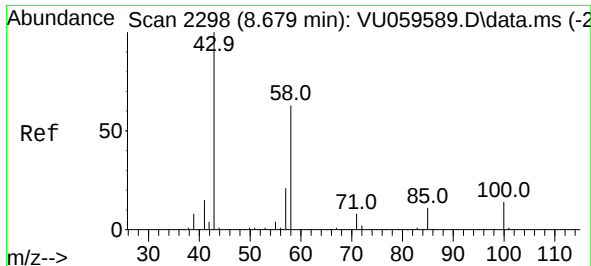
164 100

129 96.9 70.8 131.4

131 91.8 64.8 120.3

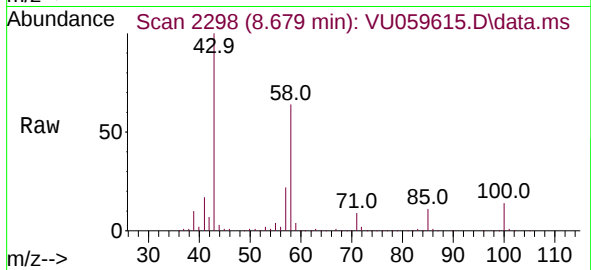
166 125.7 91.1 169.1



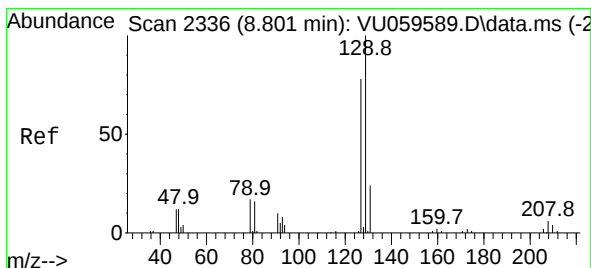
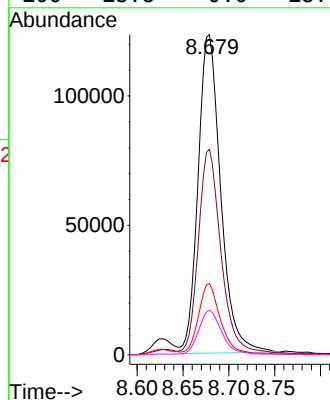
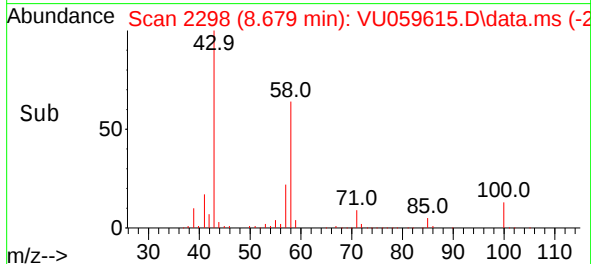


#48
2-Hexanone
Concen: 51.469 ug/L
RT: 8.679 min Scan# 211760
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

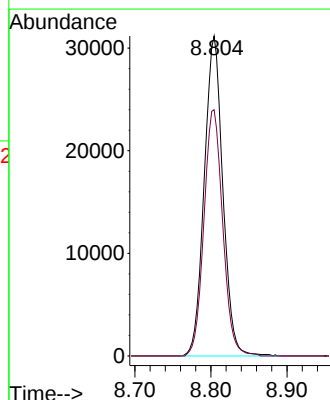
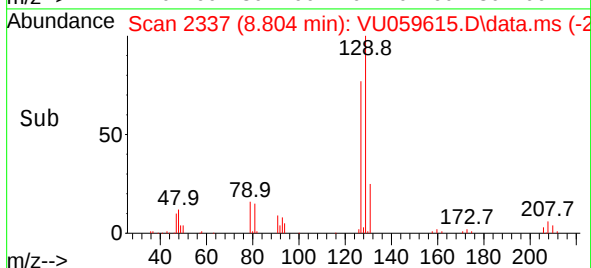
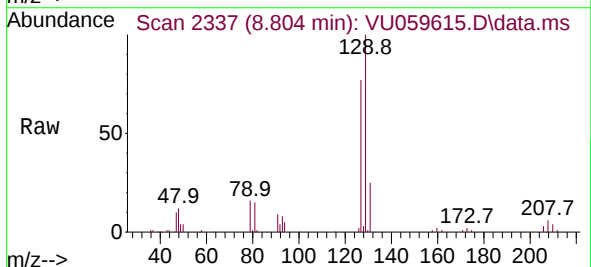


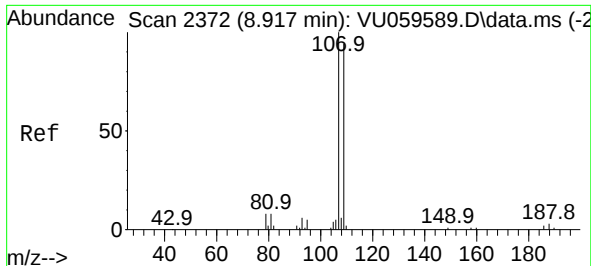
Tgt Ion: 43 Resp: 211760
Ion Ratio Lower Upper
43 100
58 64.2 46.1 69.1
57 21.5 15.5 23.3
100 13.8 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.215 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion: 129 Resp: 52962
Ion Ratio Lower Upper
129 100
127 77.0 52.5 97.5

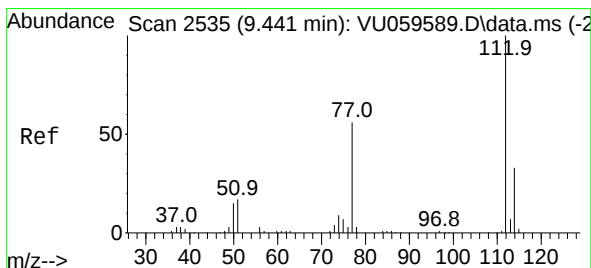
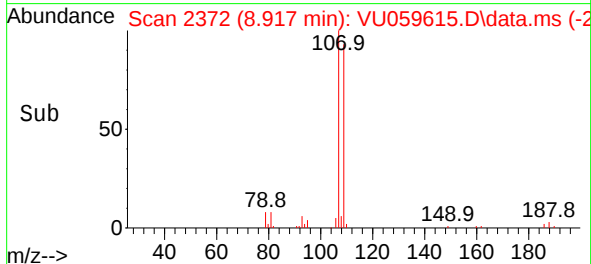
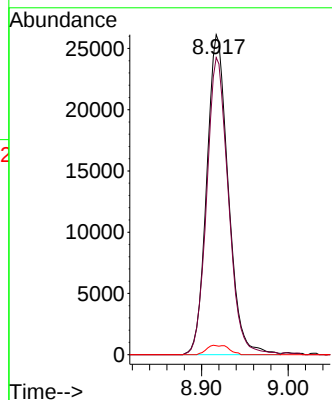
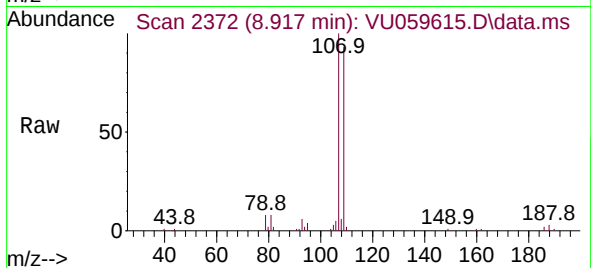




#50
1,2-Dibromoethane
Concen: 5.339 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

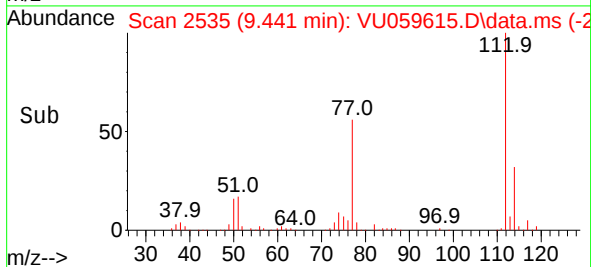
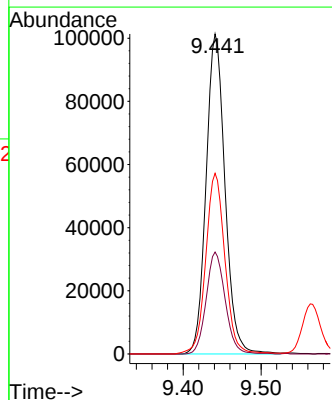
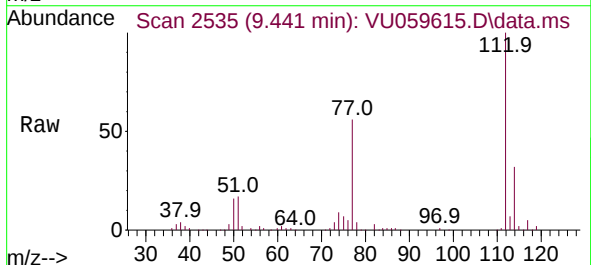
Instrument :
MSVOA_U
ClientSampleId :

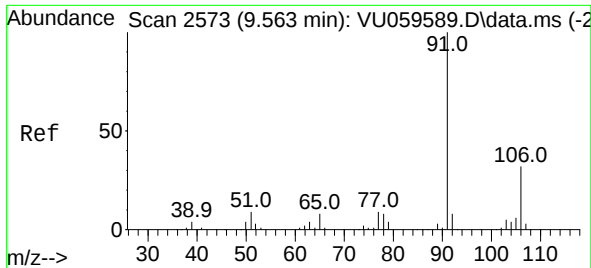
Tgt Ion:107 Resp: 45200
Ion Ratio Lower Upper
107 100
109 92.8 66.9 124.3
188 2.8 2.7 4.1



#51
Chlorobenzene
Concen: 5.295 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion:112 Resp: 170936
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 56.5 49.1 73.7

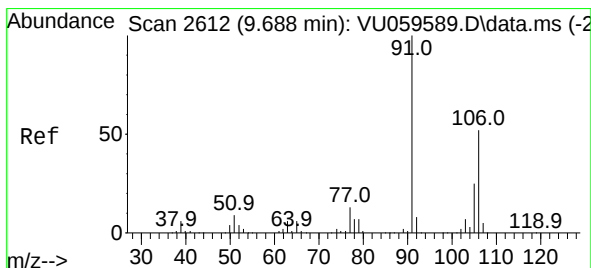
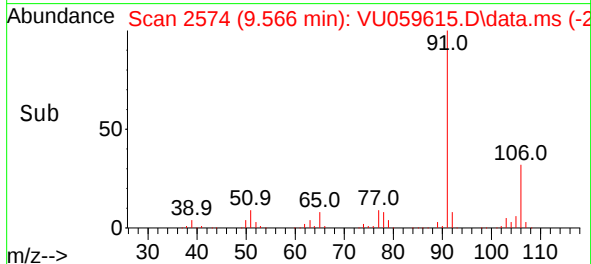
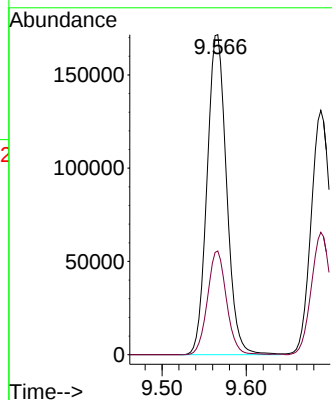
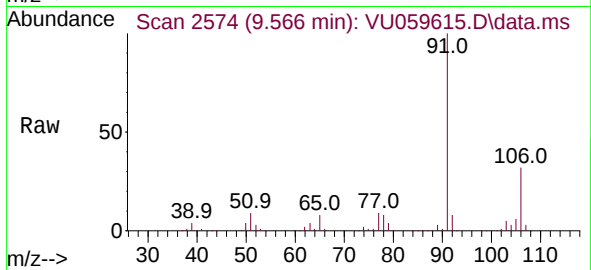




#52
Ethylbenzene
Concen: 5.295 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

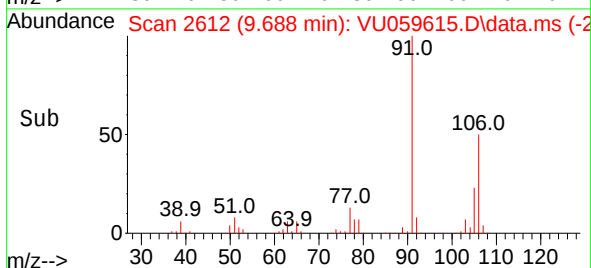
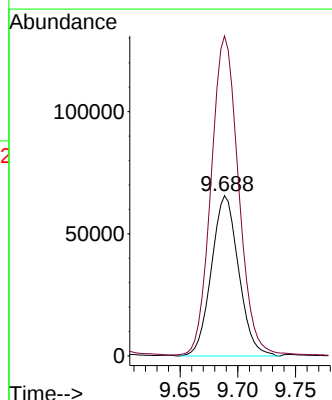
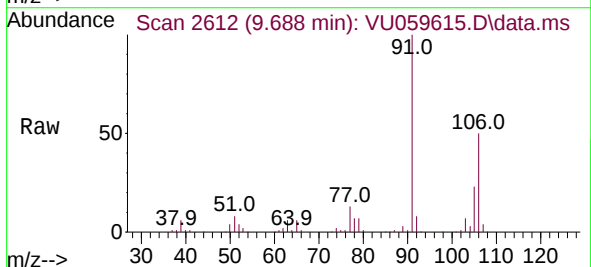
Instrument :
MSVOA_U
ClientSampleId :

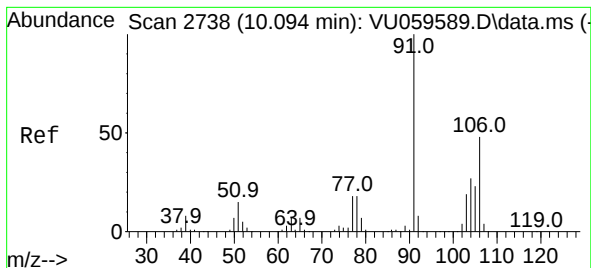
Tgt Ion: 91 Resp: 276451
Ion Ratio Lower Upper
91 100
106 32.4 20.9 38.7



#53
m,p-Xylene
Concen: 5.360 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion:106 Resp: 107488
Ion Ratio Lower Upper
106 100
91 199.6 142.0 263.8





#54

o-Xylene

Concen: 5.438 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

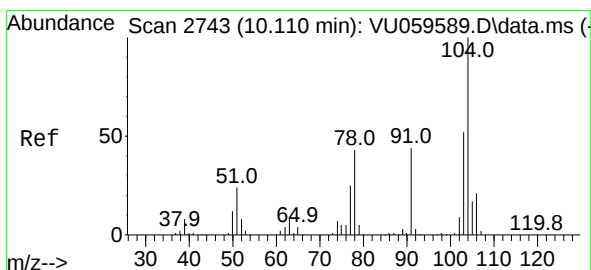
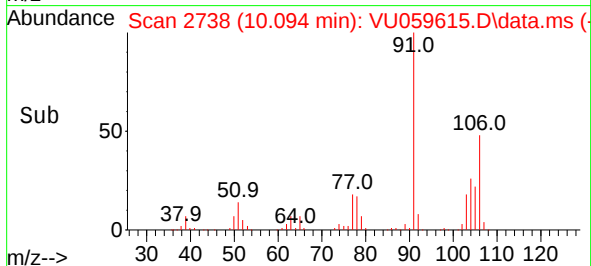
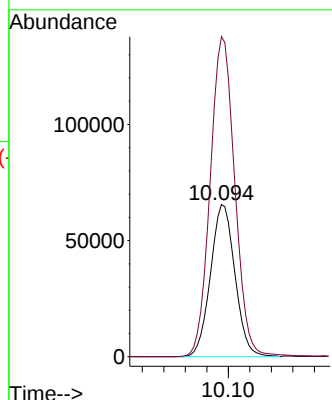
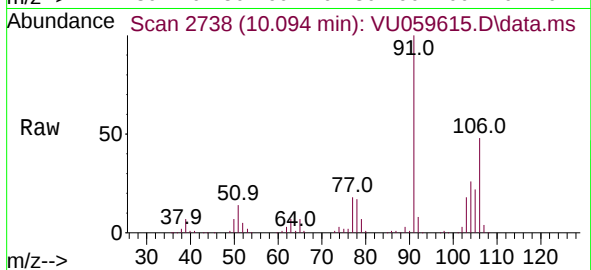
ClientSampleId :

Tgt Ion:106 Resp: 103494

Ion Ratio Lower Upper

106 100

91 210.2 151.6 281.6



#55

Styrene

Concen: 5.561 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059615.D

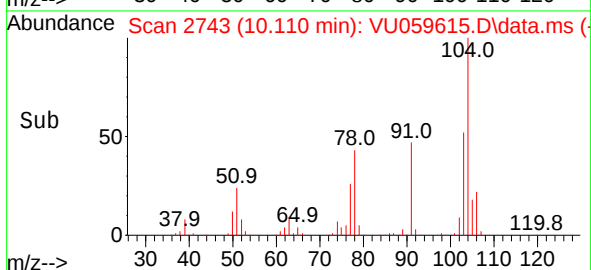
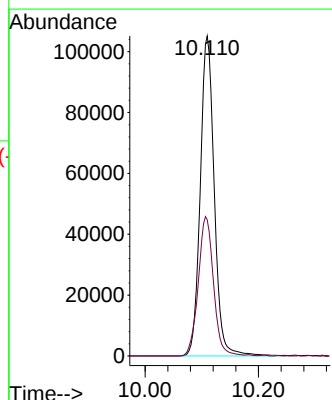
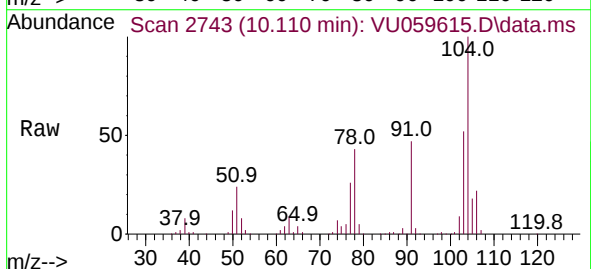
Acq: 28 Jun 2024 12:40

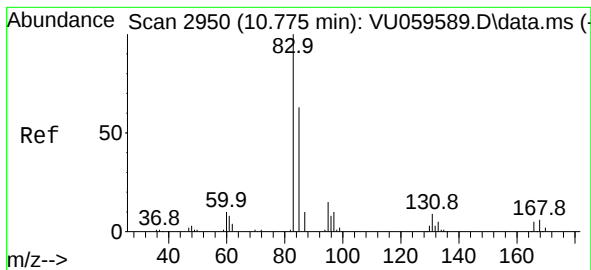
Tgt Ion:104 Resp: 180166

Ion Ratio Lower Upper

104 100

78 42.6 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.336 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

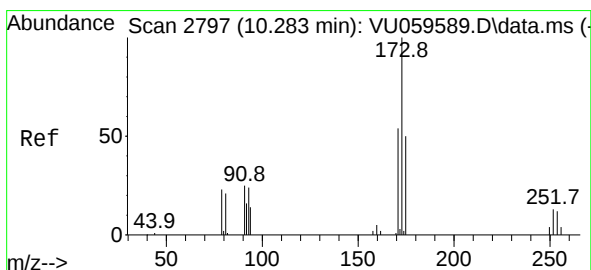
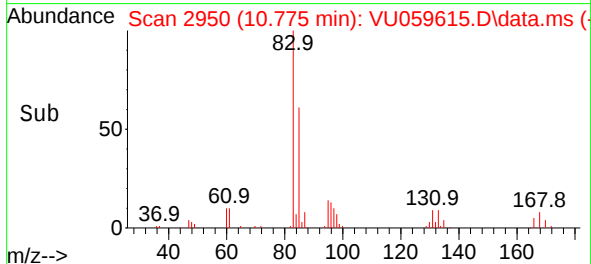
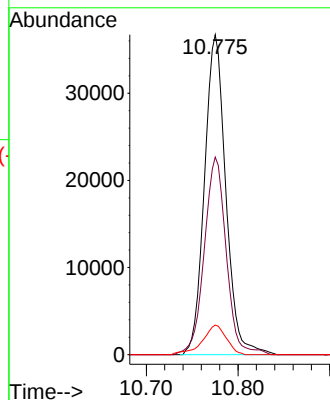
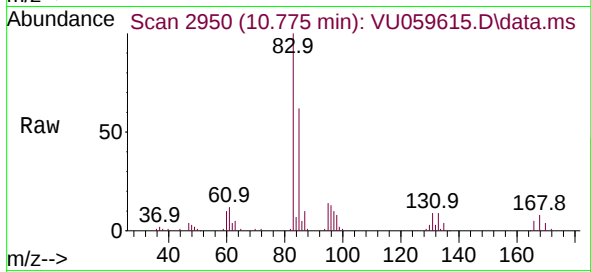
Tgt Ion: 83 Resp: 59341

Ion Ratio Lower Upper

83 100

85 61.7 44.7 82.9

131 9.2 6.9 10.3



#59

Bromoform

Concen: 5.139 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

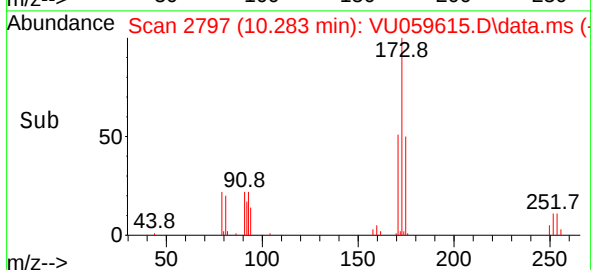
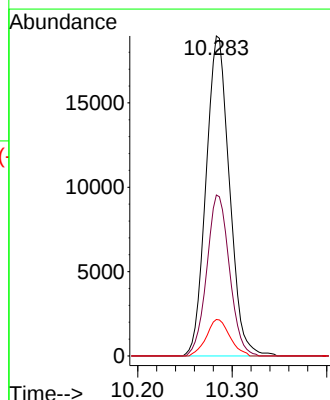
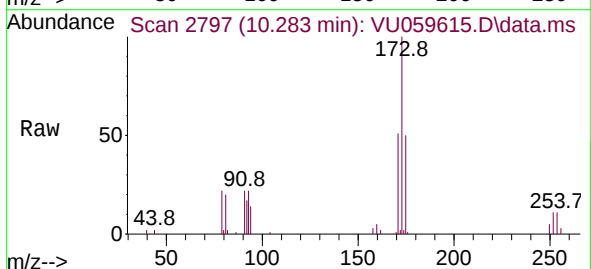
Tgt Ion:173 Resp: 32592

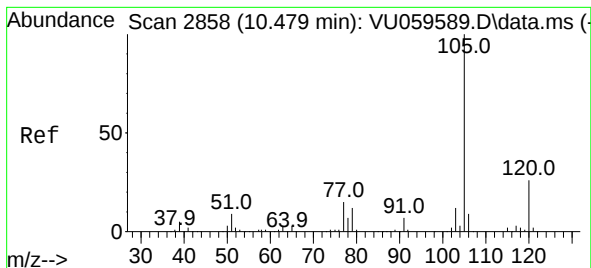
Ion Ratio Lower Upper

173 100

175 48.7 39.4 59.2

254 11.4 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.289 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

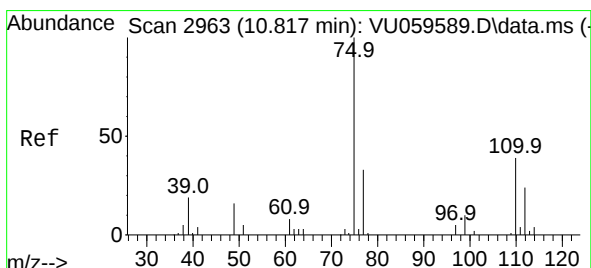
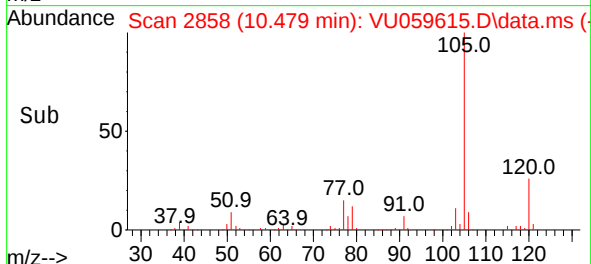
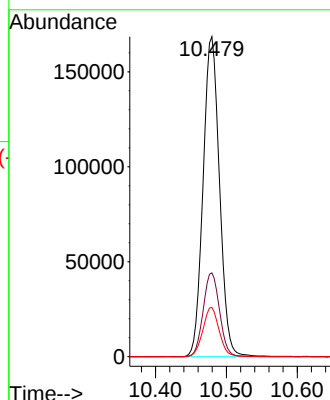
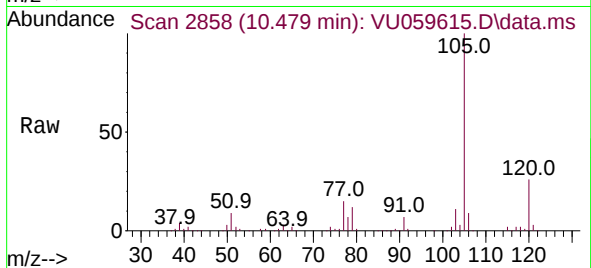
Tgt Ion:105 Resp: 270729

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 15.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.100 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

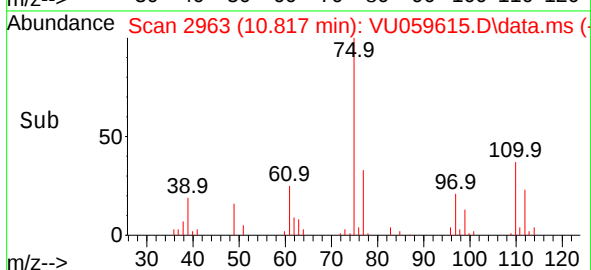
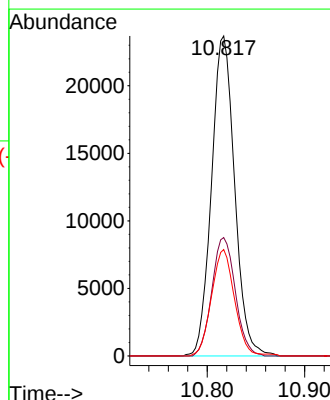
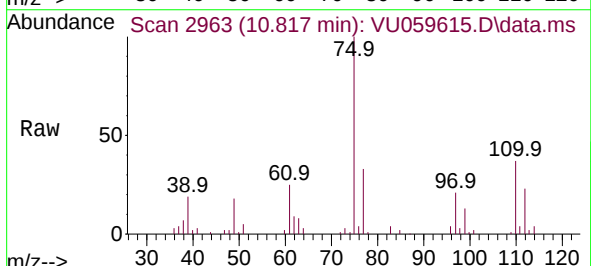
Tgt Ion: 75 Resp: 39056

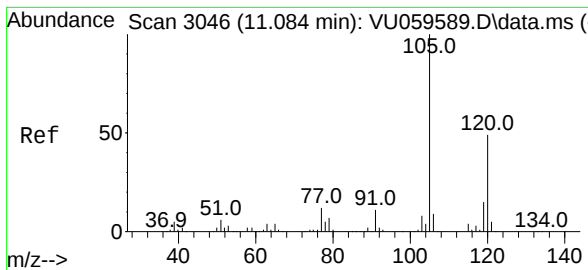
Ion Ratio Lower Upper

75 100

110 37.5 27.1 40.7

77 33.3 25.4 38.2

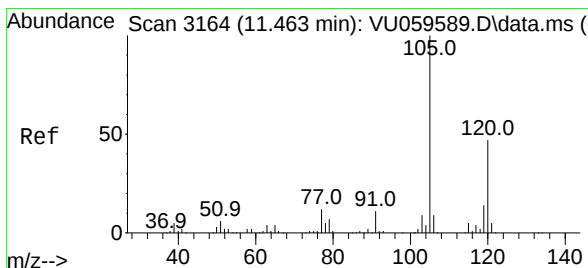
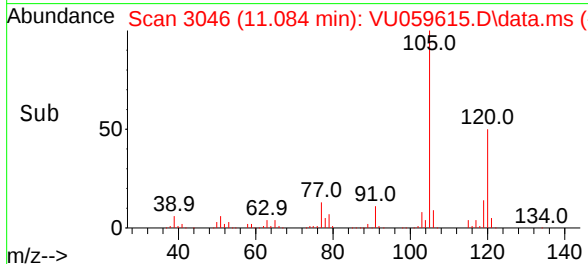
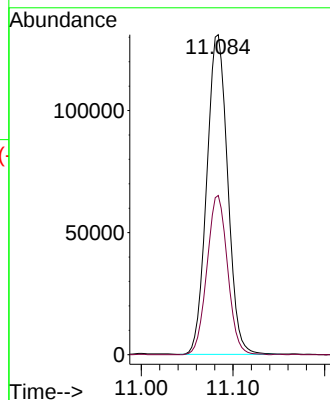
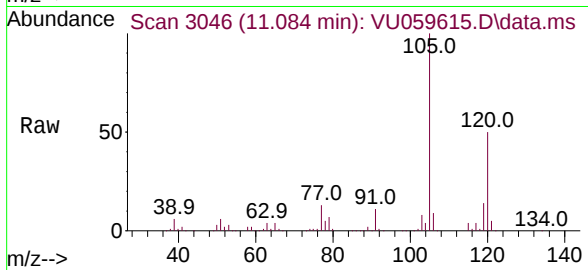




#62
1,3,5-Trimethylbenzene
Concen: 5.117 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

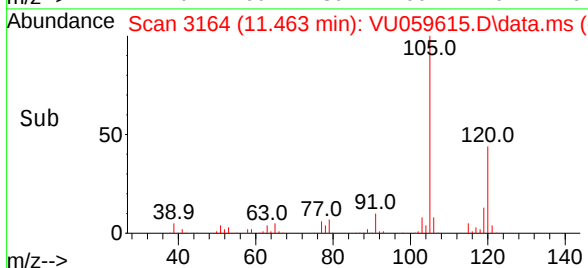
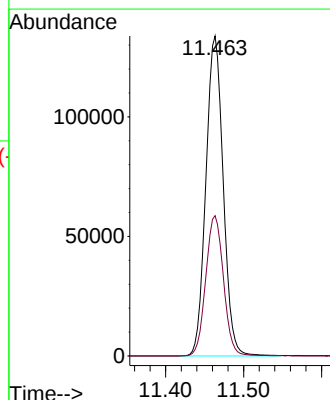
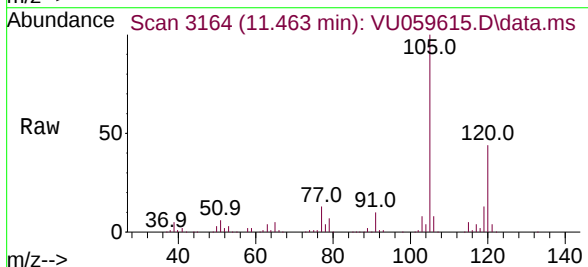
Instrument :
MSVOA_U
ClientSampleId :

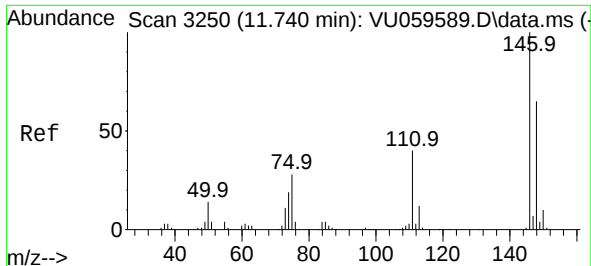
Tgt Ion:105 Resp: 207519
Ion Ratio Lower Upper
105 100
120 49.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.332 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

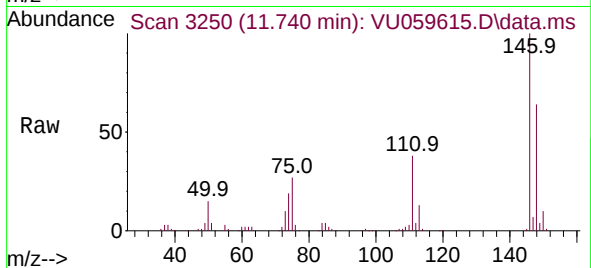
Tgt Ion:105 Resp: 206729
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.0



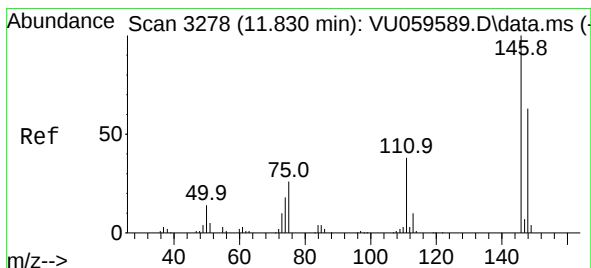
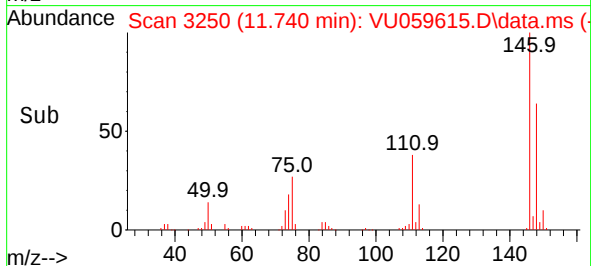
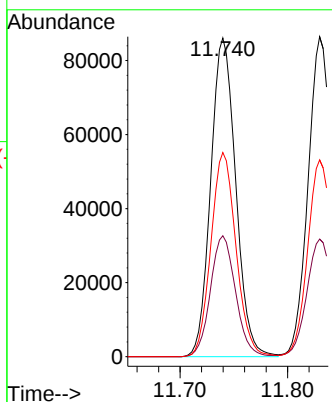


#64
1,3-Dichlorobenzene
Concen: 5.342 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

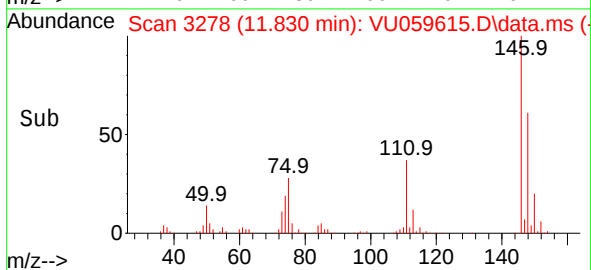
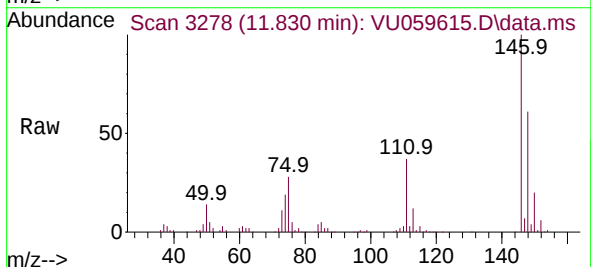
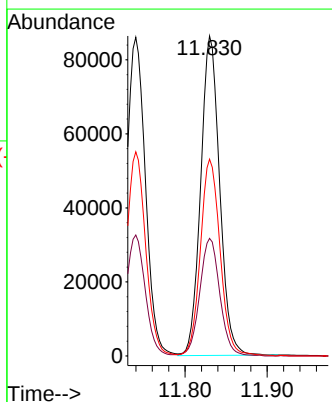


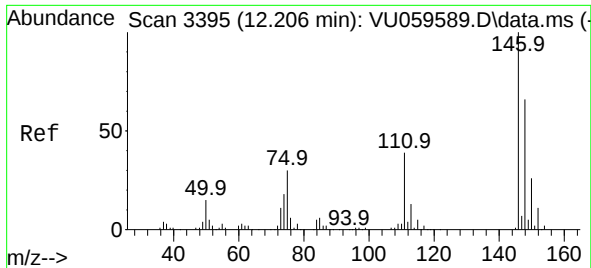
Tgt Ion:146 Resp: 139073
Ion Ratio Lower Upper
146 100
111 37.9 27.4 51.0
148 64.1 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 5.173 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion:146 Resp: 138628
Ion Ratio Lower Upper
146 100
111 36.8 26.9 50.1
148 61.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.228 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

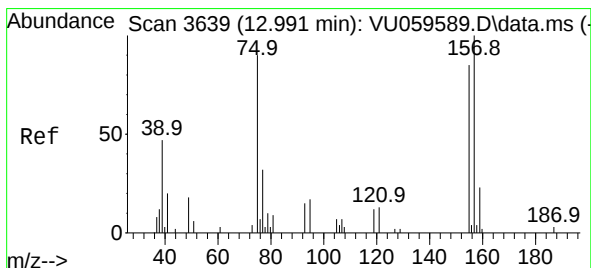
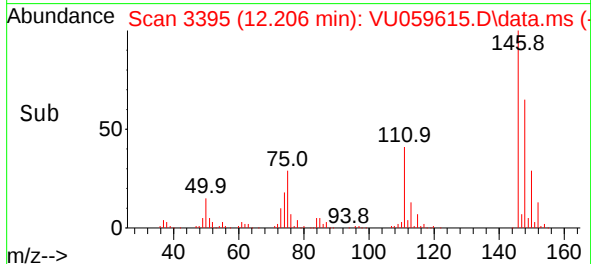
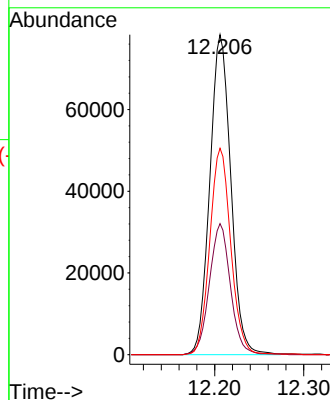
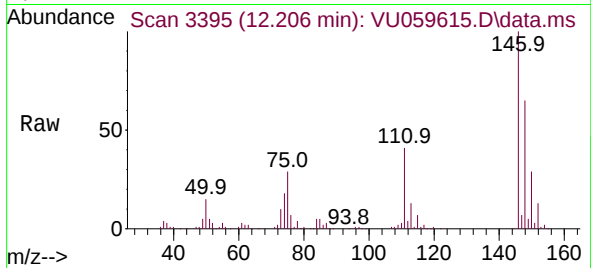
Tgt Ion:146 Resp: 128076

Ion Ratio Lower Upper

146 100

111 41.0 33.4 50.0

148 64.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.575 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

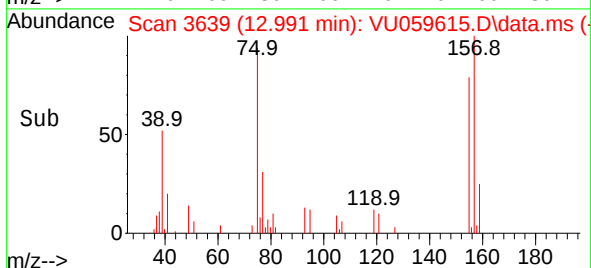
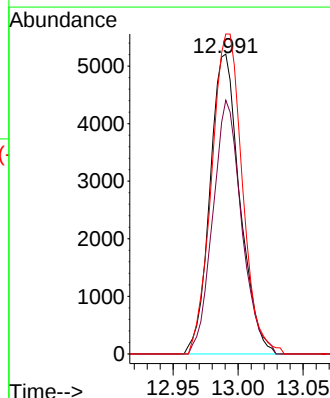
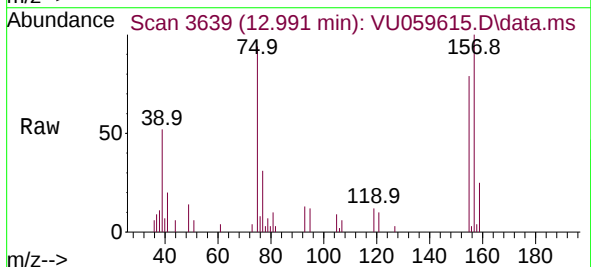
Tgt Ion: 75 Resp: 8326

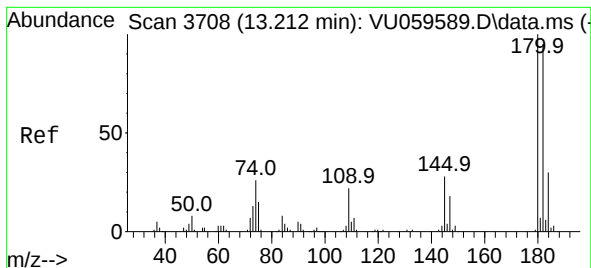
Ion Ratio Lower Upper

75 100

155 84.6 58.2 87.2

157 106.7 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.097 ug/L

RT: 13.216 min Scan# 3708

Delta R.T. 0.003 min

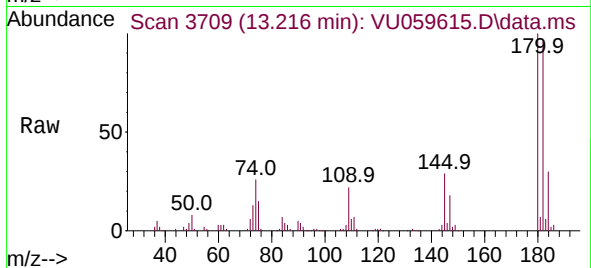
Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 98221

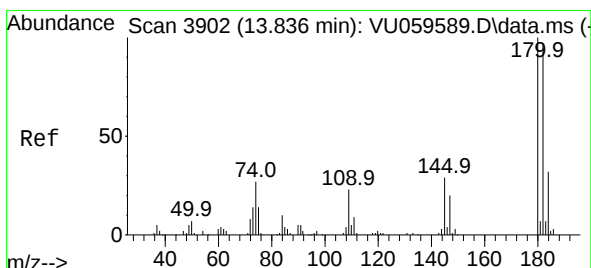
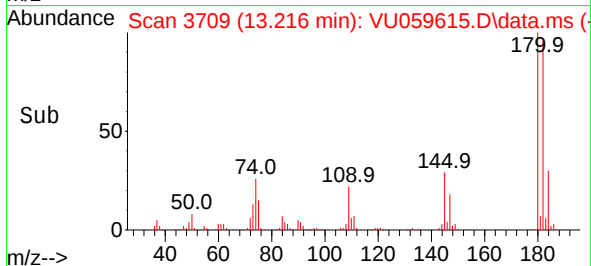
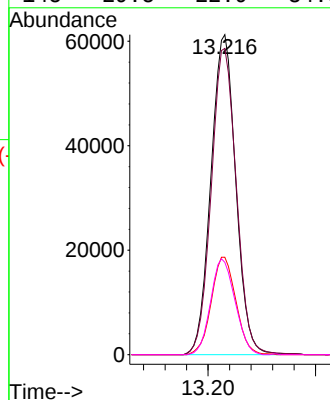
Ion Ratio Lower Upper

180 100

182 96.7 75.4 113.0

184 30.2 23.0 34.6

145 29.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.259 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059615.D

Acq: 28 Jun 2024 12:40

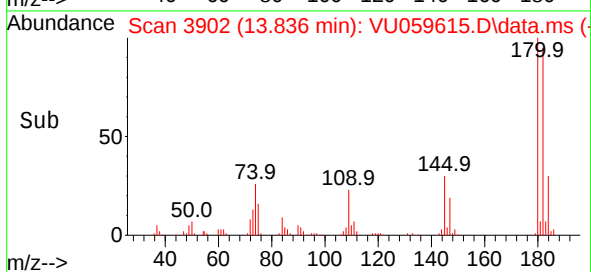
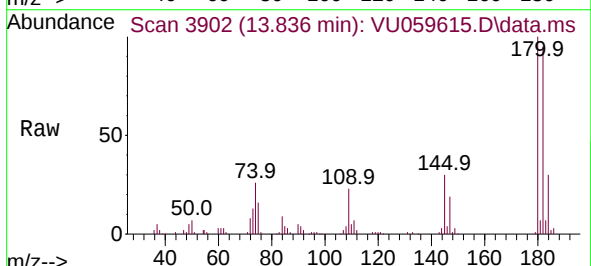
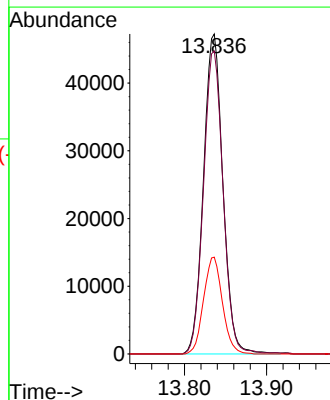
Tgt Ion:180 Resp: 77740

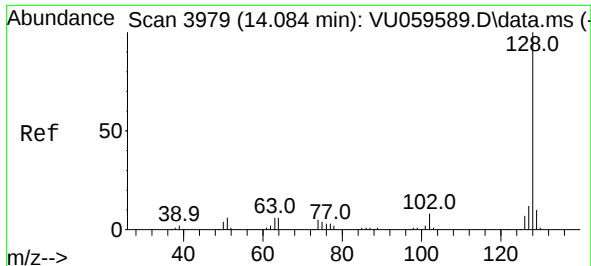
Ion Ratio Lower Upper

180 100

182 95.4 74.9 112.3

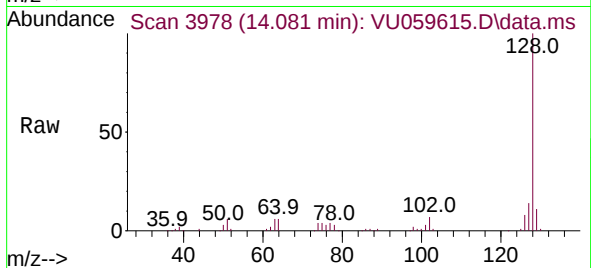
145 29.3 23.9 35.9



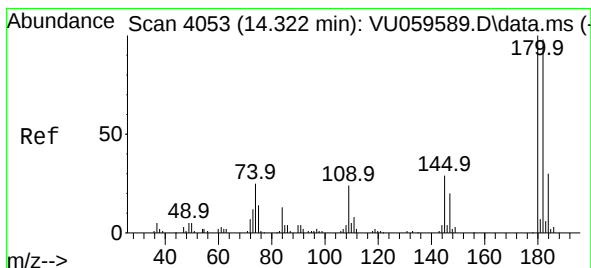
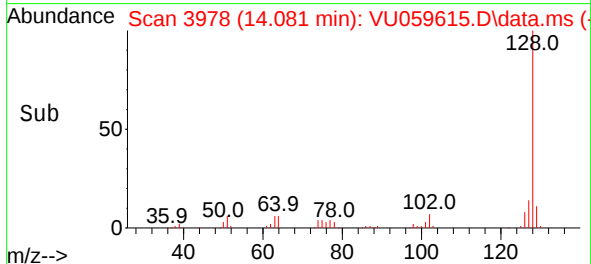
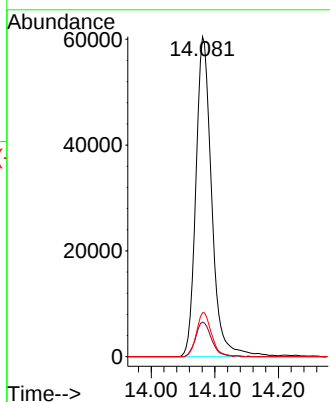


#71
Naphthalene
Concen: 4.934 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 104409
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.358 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU059615.D
Acq: 28 Jun 2024 12:40

Tgt Ion:180 Resp: 73549
Ion Ratio Lower Upper
180 100
182 93.2 77.0 115.6
145 28.4 26.2 39.4

