

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057970.D
 Acq On : 29 Feb 2024 12:15
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55588	4.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.907	69	45757	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	24260	4.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.612	46	101596	54.917	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.840%
24) Chloroform-d	5.052	84	104626	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	48603	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	211145	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.685	67	64894	5.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.891	98	195522	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	22913	5.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.627	63	82556	55.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41066	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	62663	5.191	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	48800	5.161	ug/L	99
3) Chloromethane	1.515	50	55122	4.986	ug/L	99
5) Vinyl chloride	1.599	62	59984	5.044	ug/L	96
6) Bromomethane	1.853	94	32685	5.218	ug/L	100
8) Chloroethane	1.927	64	37595	5.020	ug/L	95
9) Trichlorofluoromethane	2.132	101	84443	4.984	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53559	5.056	ug/L	98
12) 1,1-Dichloroethene	2.573	96	47527	5.048	ug/L	98
13) Acetone	2.615	43	77806	56.514	ug/L	99
14) Carbon disulfide	2.788	76	147069	5.051	ug/L	100
15) Methyl Acetate	2.943	43	17359	5.682	ug/L	95
16) Methylene chloride	3.036	84	56362	4.925	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	115050	5.167	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	51447	5.016	ug/L	97
19) 1,1-Dichloroethane	3.859	63	103864	5.077	ug/L	99
21) 2-Butanone	4.692	43	115519	53.250	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	57413	5.089	ug/L	98
23) Bromochloromethane	4.968	128	21667	5.172	ug/L	96
25) Chloroform	5.078	83	104882	5.021	ug/L	99

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:23:03 2024
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 Quant Title : TRACE VOA SFAM1.0
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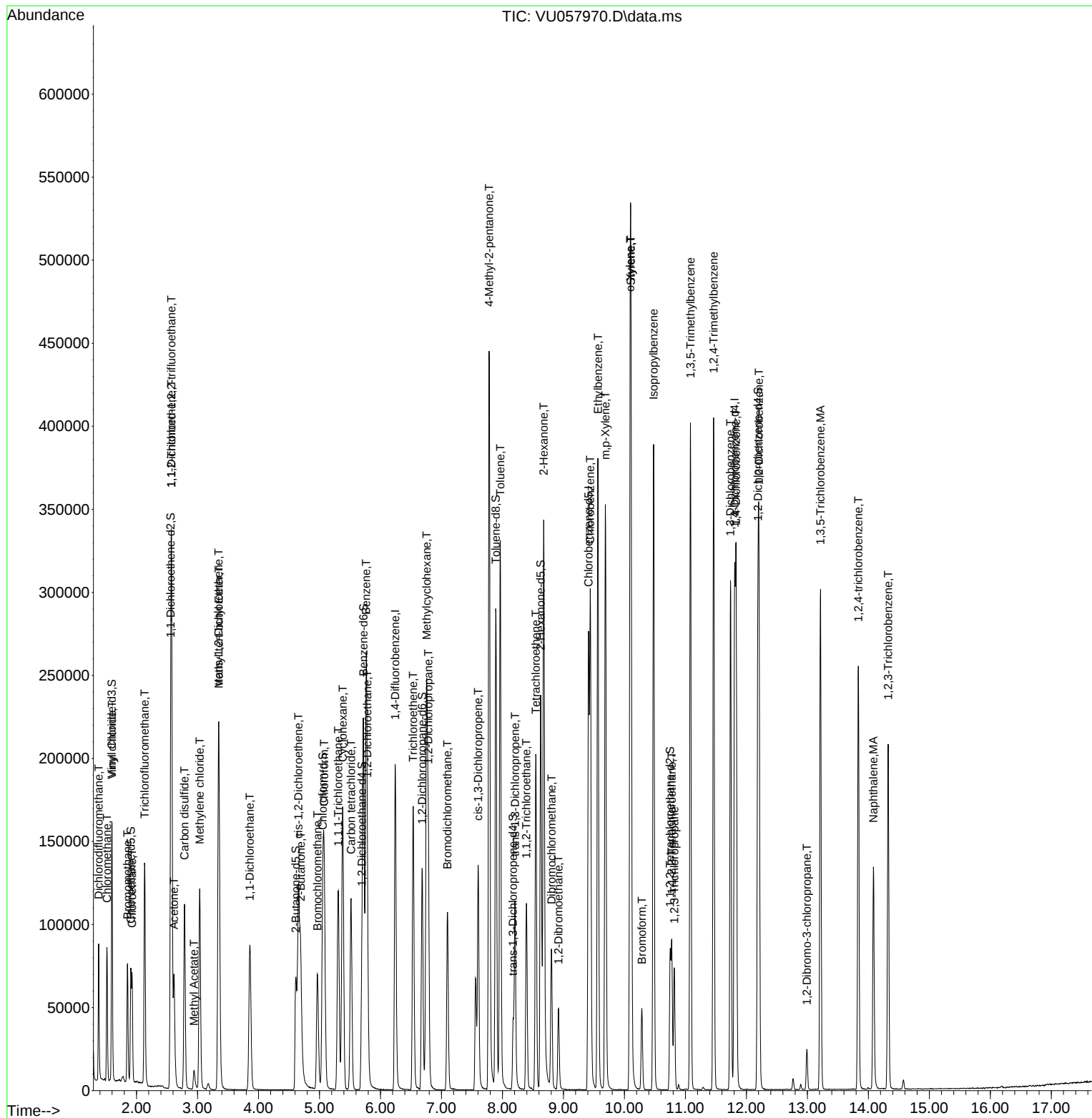
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	60440	5.227	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	88012	5.063	ug/L	99
30) Cyclohexane	5.380	56	88630	5.049	ug/L	100
31) Carbon tetrachloride	5.518	117	77240	5.113	ug/L	99
33) Benzene	5.766	78	228022	5.087	ug/L	100
34) Trichloroethene	6.537	95	60864	5.161	ug/L	96
35) Methylcyclohexane	6.756	83	94495	5.227	ug/L	99
37) 1,2-Dichloropropane	6.785	63	59819	5.176	ug/L	99
38) Bromodichloromethane	7.097	83	70254	5.010	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	82871	5.204	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	294620	55.413	ug/L	99
42) Toluene	7.965	91	239022	5.121	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	66241	5.220	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	34521	5.037	ug/L	98
47) Tetrachloroethene	8.550	164	40538	4.955	ug/L	97
48) 2-Hexanone	8.676	43	229154	58.771	ug/L	97
49) Dibromochloromethane	8.804	129	42361	5.222	ug/L	99
50) 1,2-Dibromoethane	8.920	107	32853	5.402	ug/L	94
51) Chlorobenzene	9.441	112	151056	5.160	ug/L	97
52) Ethylbenzene	9.566	91	268863	5.147	ug/L	100
53) m,p-Xylene	9.688	106	97971	5.250	ug/L	97
54) o-Xylene	10.097	106	95832	5.152	ug/L	98
55) Styrene	10.110	104	157803	5.405	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	42490	5.263	ug/L	97
59) Bromoform	10.287	173	21825	5.338	ug/L	100
60) Isopropylbenzene	10.479	105	252891	5.180	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	31136	5.185	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	215624	5.237	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	218325	5.372	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	116787	5.263	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	114799	5.285	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	103857	5.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6850	5.750	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	86436	5.415	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	72943	6.082	ug/L	98
71) Naphthalene	14.084	128	110306	6.735	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	59895	6.322	ug/L	98

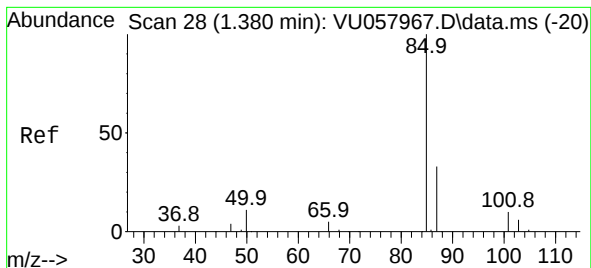
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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:23:03 2024
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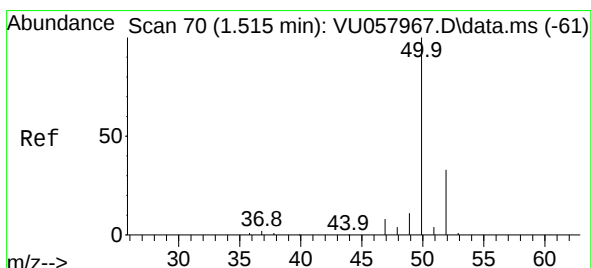
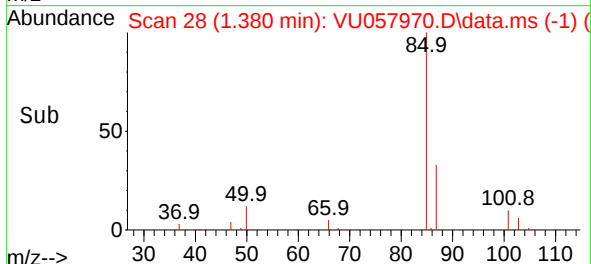
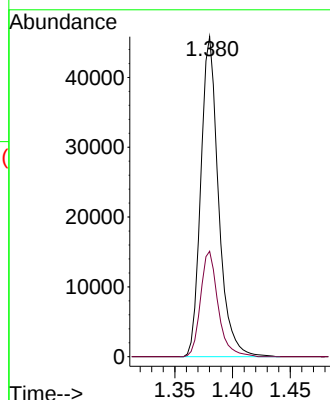
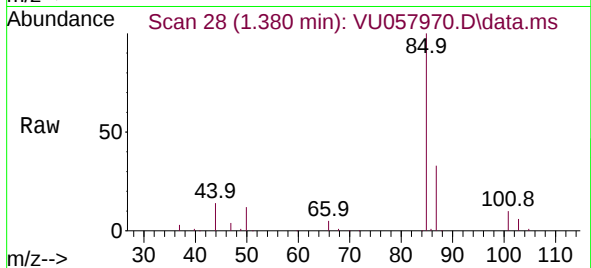




#2
 Dichlorodifluoromethane
 Concen: 5.161 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU057970.D
 Acq: 29 Feb 2024 12:15

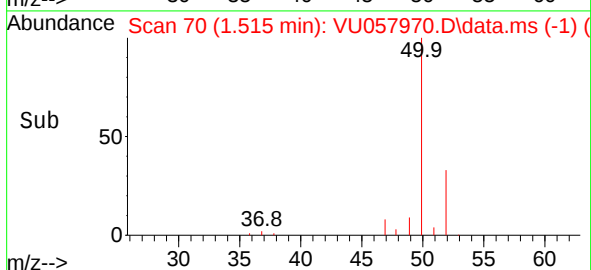
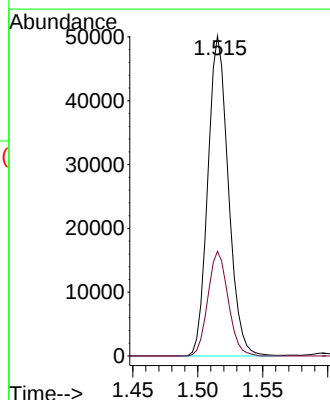
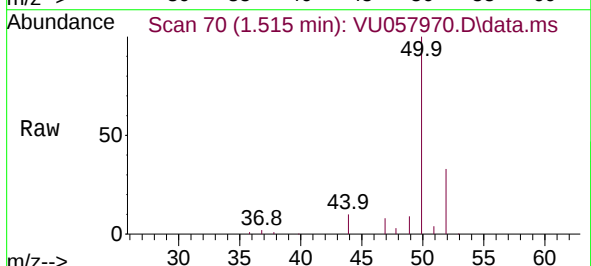
Instrument :
 MSVOA_U
 ClientSampleId :

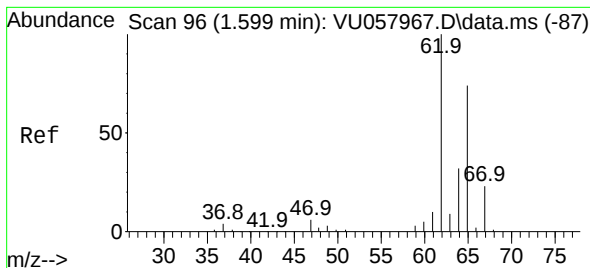
Tgt Ion: 85 Resp: 48800
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 4.986 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057970.D
 Acq: 29 Feb 2024 12:15

Tgt Ion: 50 Resp: 55122
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.1 42.9





#5

Vinyl chloride

Concen: 5.044 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

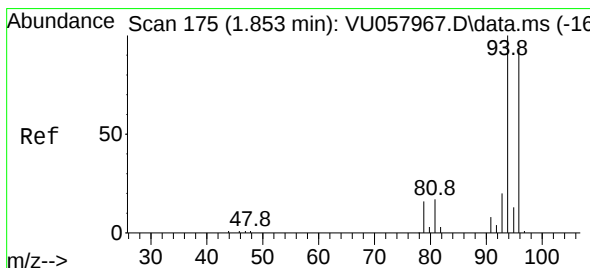
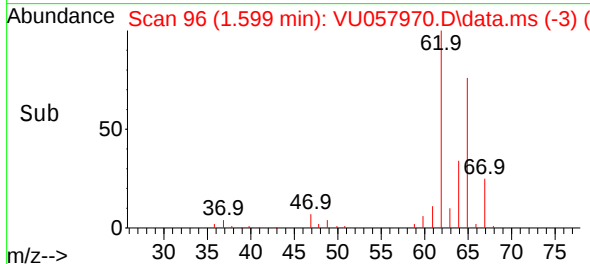
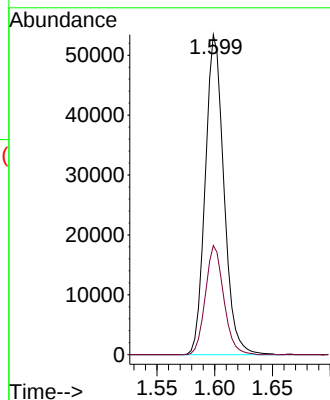
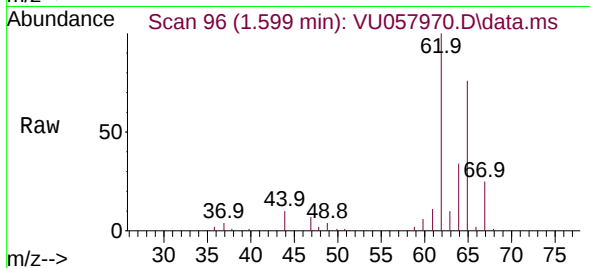
ClientSampleId :

Tgt Ion: 62 Resp: 59984

Ion Ratio Lower Upper

62 100

64 34.1 22.5 41.7



#6

Bromomethane

Concen: 5.218 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU057970.D

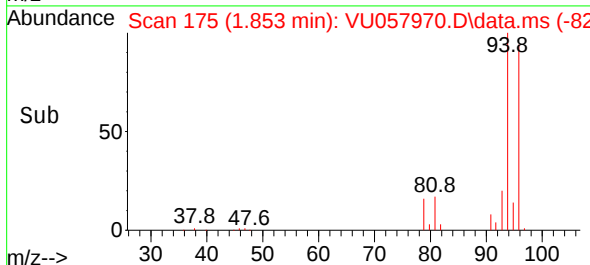
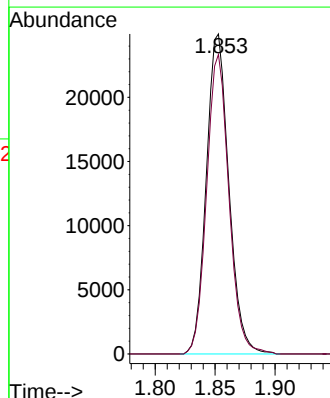
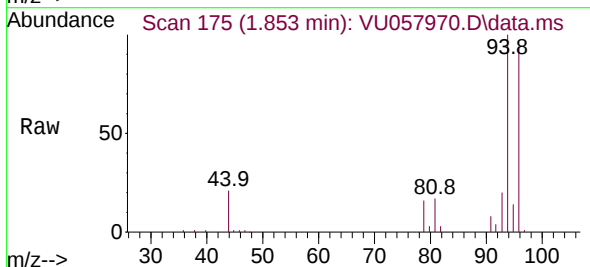
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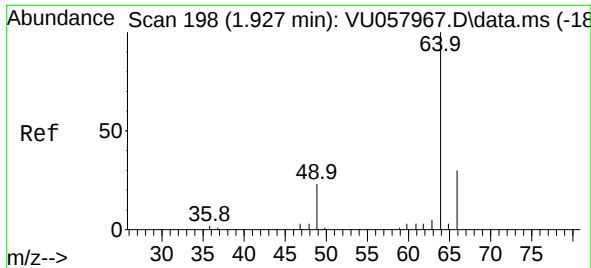
Tgt Ion: 94 Resp: 32685

Ion Ratio Lower Upper

94 100

96 93.6 65.2 121.2

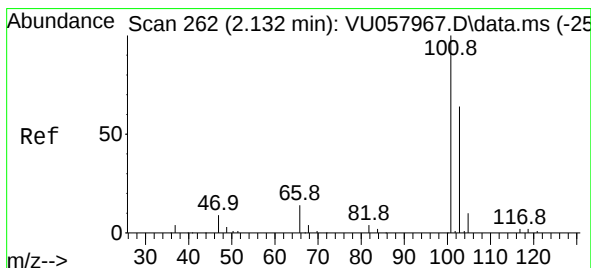
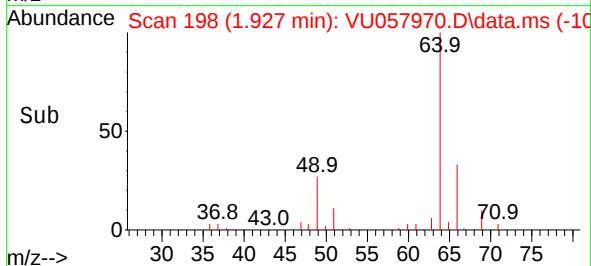
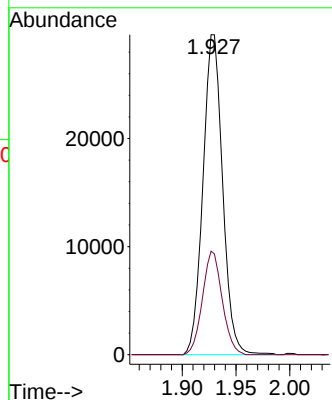
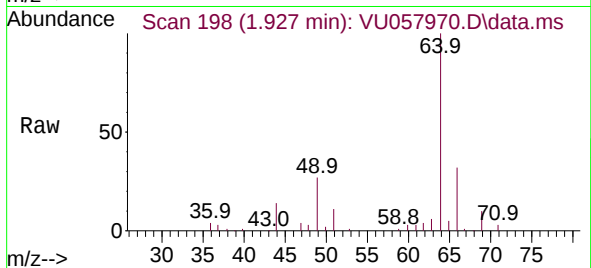




#8
Chloroethane
Concen: 5.020 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

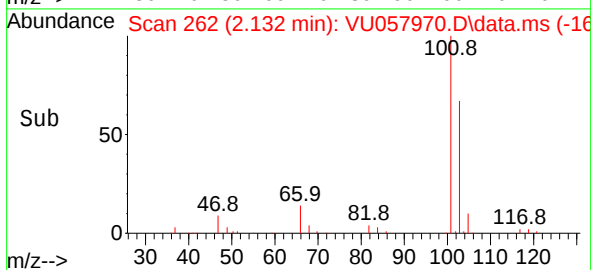
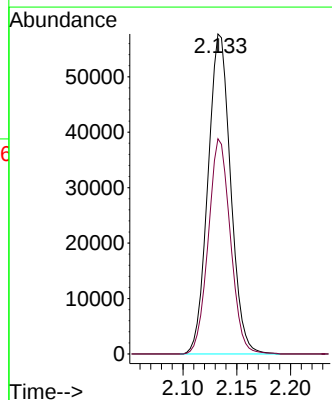
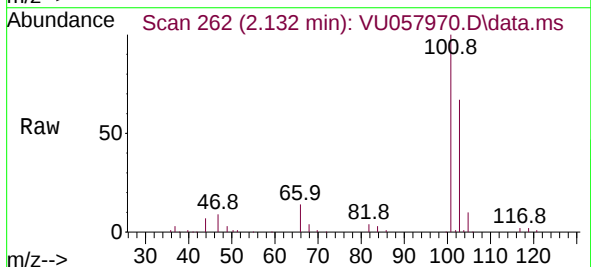
Instrument :
MSVOA_U
ClientSampleId :

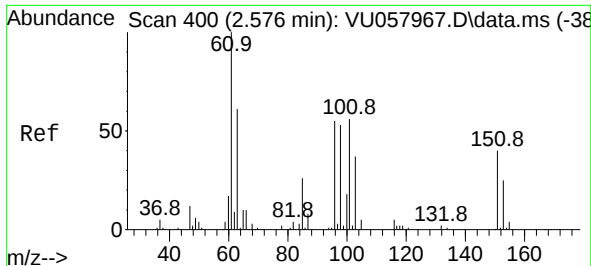
Tgt Ion: 64 Resp: 37595
Ion Ratio Lower Upper
64 100
66 32.3 20.9 38.9



#9
Trichlorofluoromethane
Concen: 4.984 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion:101 Resp: 84443
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

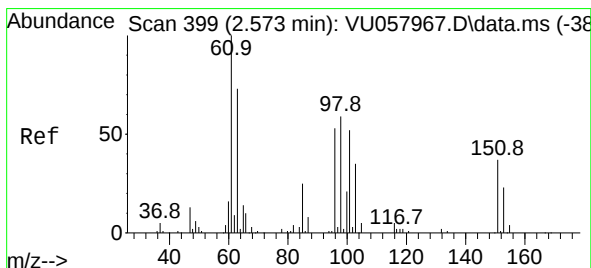
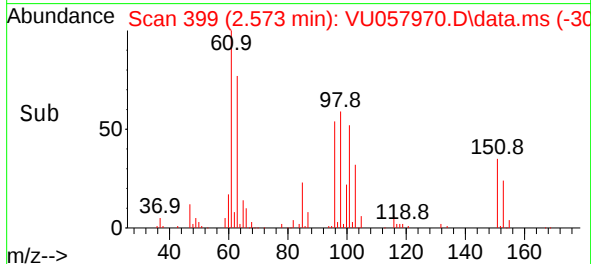
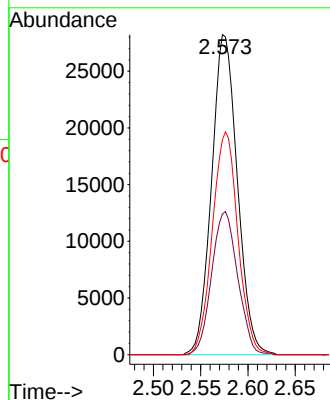
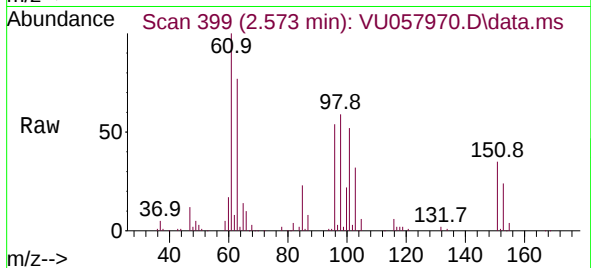




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.056 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

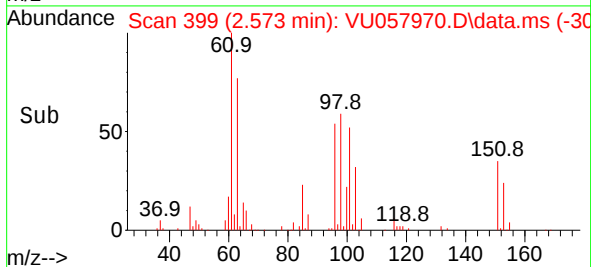
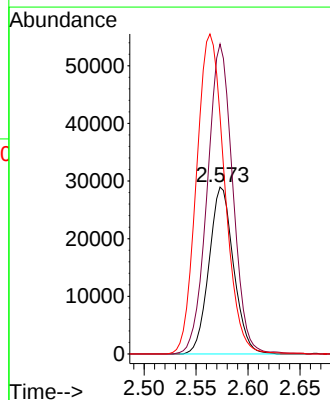
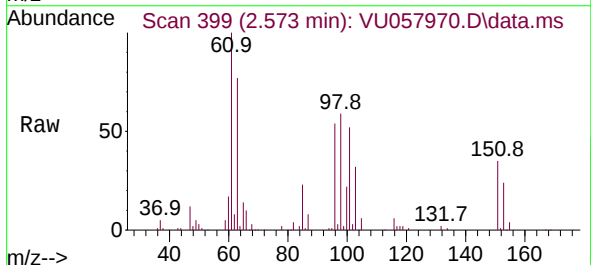
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ClientSampleId :

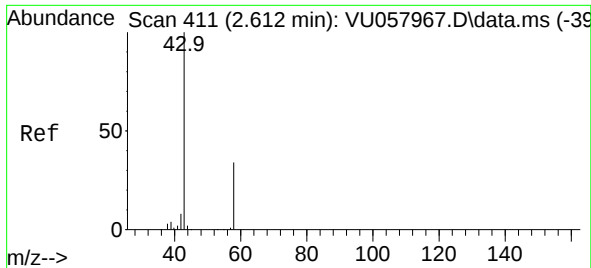
Tgt Ion:101 Resp: 53559
Ion Ratio Lower Upper
101 100
85 45.1 37.3 55.9
151 69.0 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.048 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 96 Resp: 47527
Ion Ratio Lower Upper
96 100
61 185.7 131.8 244.8
63 142.4 98.1 182.1





#13

Acetone

Concen: 56.514 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

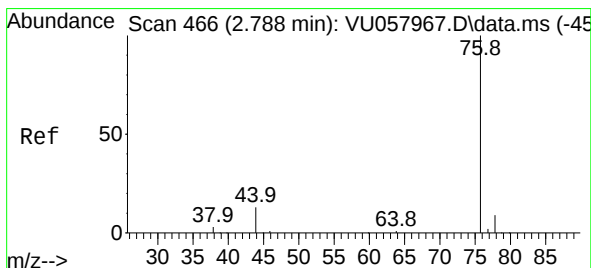
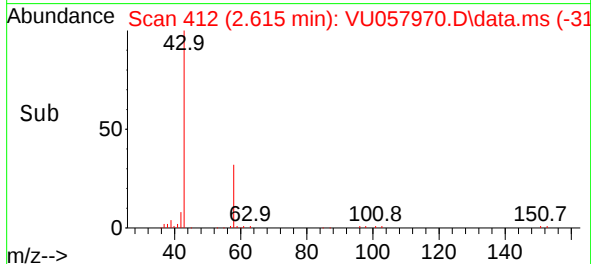
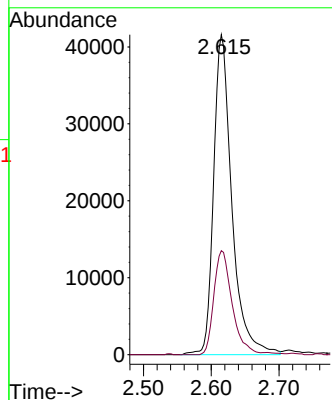
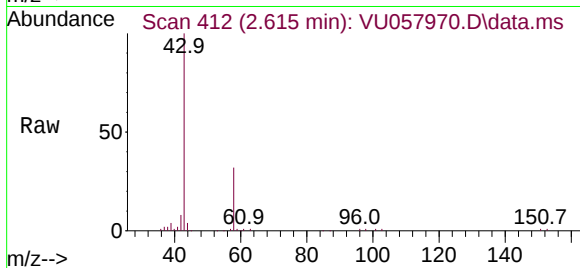
ClientSampleId :

Tgt Ion: 43 Resp: 77806

Ion Ratio Lower Upper

43 100

58 32.4 0.0 63.6



#14

Carbon disulfide

Concen: 5.051 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057970.D

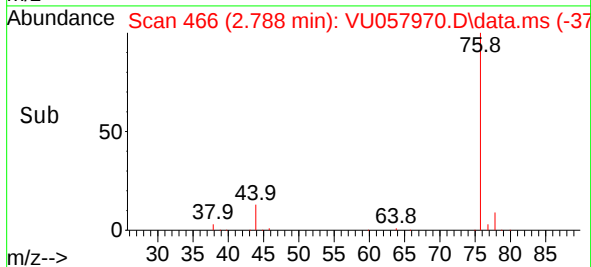
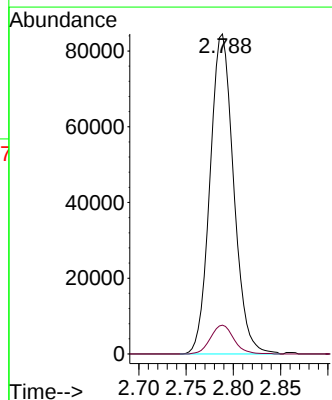
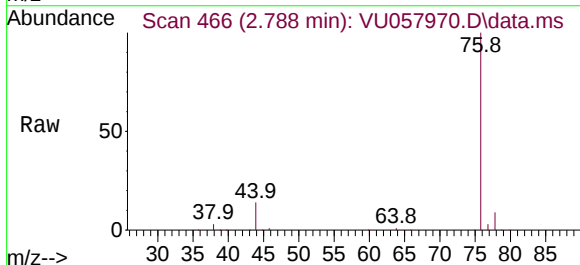
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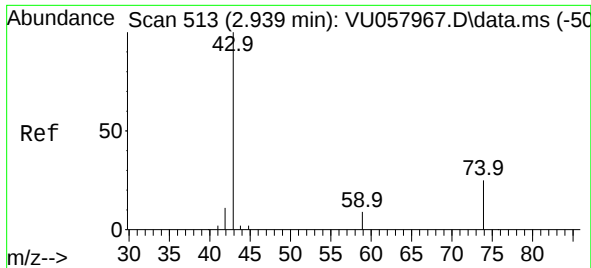
Tgt Ion: 76 Resp: 147069

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 5.682 ug/L

RT: 2.943 min Scan# 513

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

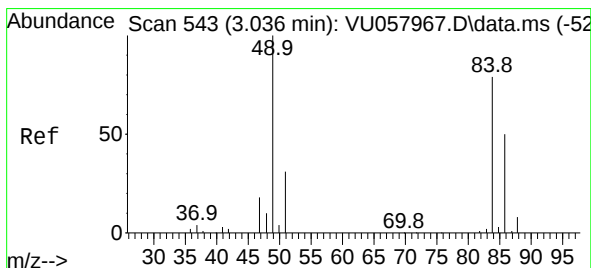
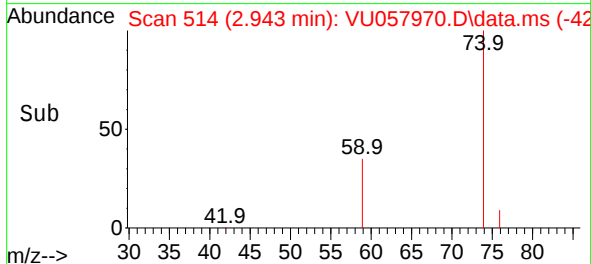
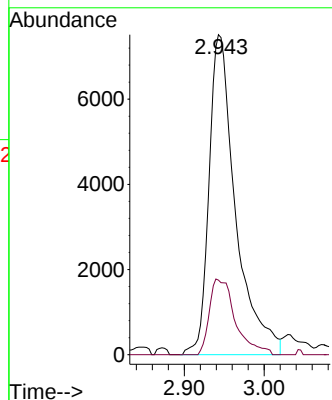
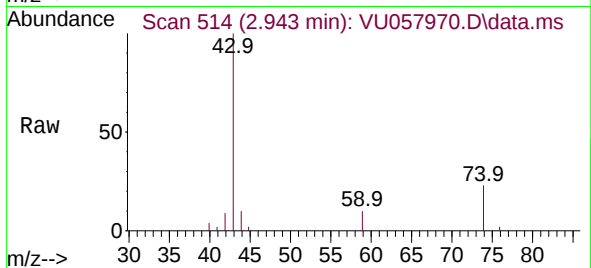
ClientSampleId :

Tgt Ion: 43 Resp: 17359

Ion Ratio Lower Upper

43 100

74 23.1 20.6 31.0



#16

Methylene chloride

Concen: 4.925 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

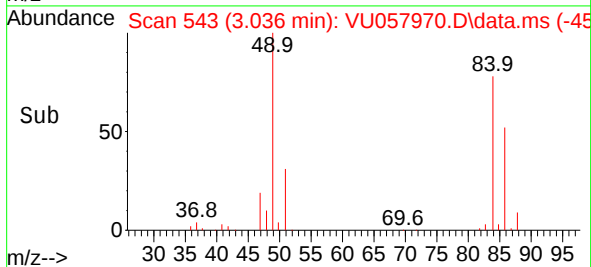
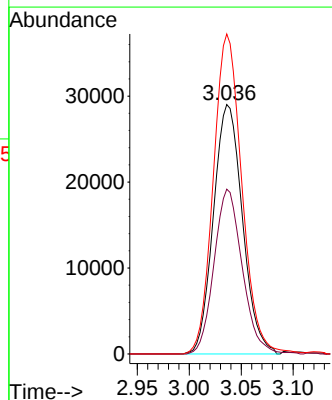
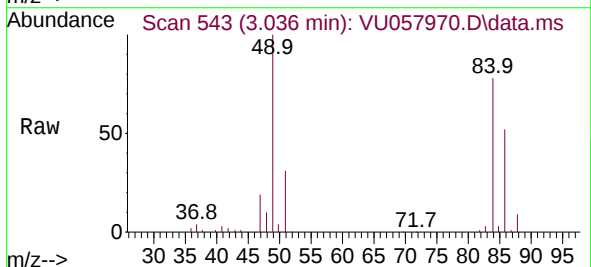
Tgt Ion: 84 Resp: 56362

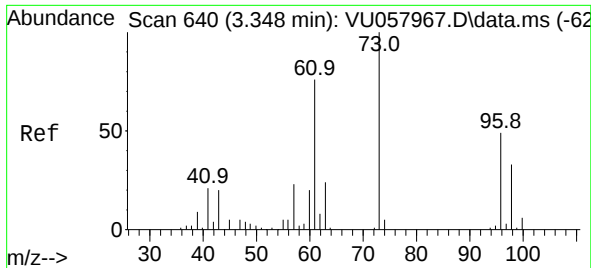
Ion Ratio Lower Upper

84 100

86 66.1 44.4 82.4

49 133.7 88.8 165.0

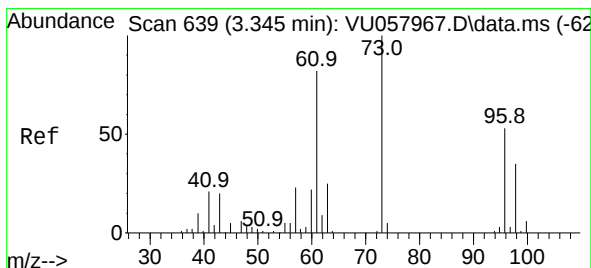
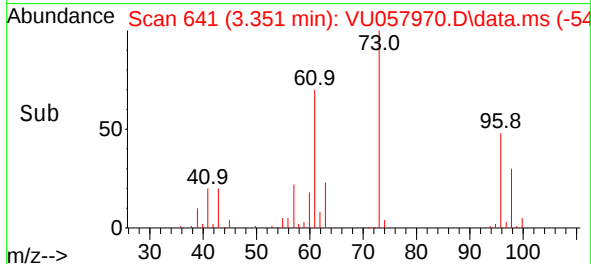
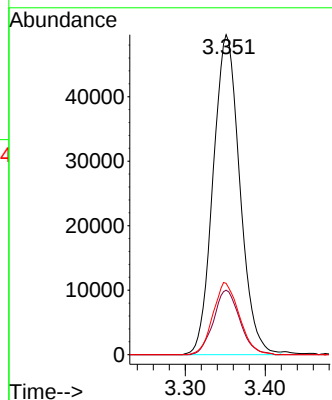
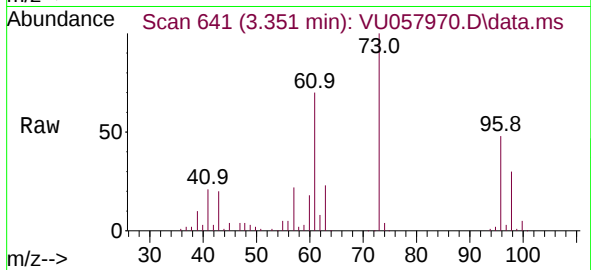




#17
Methyl tert-butyl Ether
Concen: 5.167 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

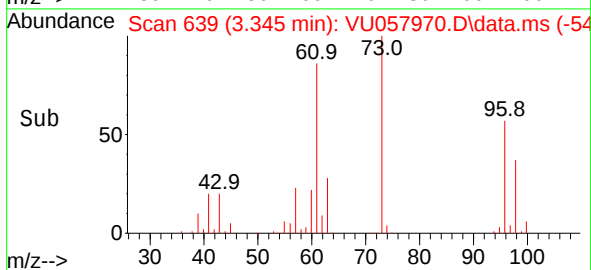
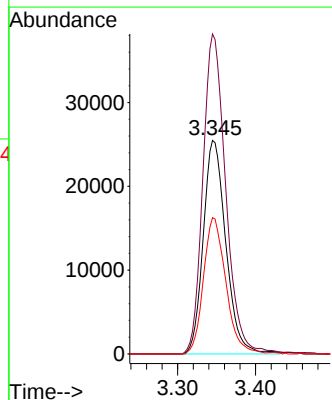
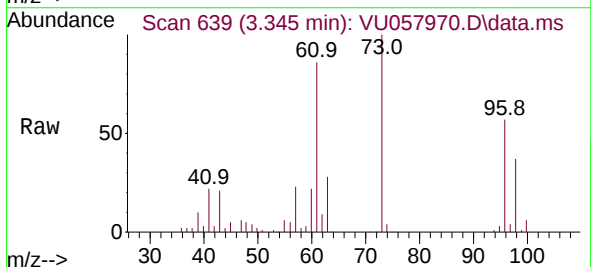
Instrument :
MSVOA_U
ClientSampleId :

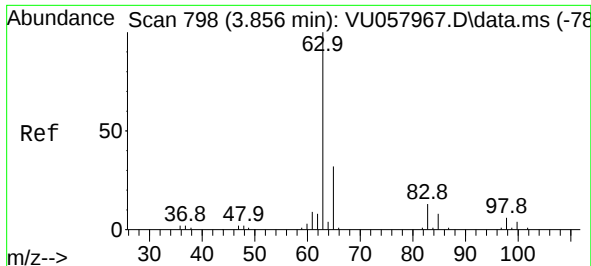
Tgt Ion: 73 Resp: 115050
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.4
57 22.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.016 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 96 Resp: 51447
Ion Ratio Lower Upper
96 100
61 149.8 107.7 199.9
98 63.8 45.8 85.0





#19

1,1-Dichloroethane

Concen: 5.077 ug/L

RT: 3.859 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

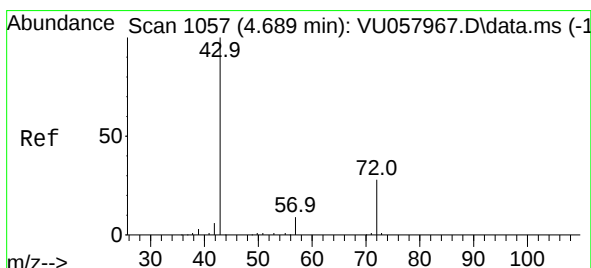
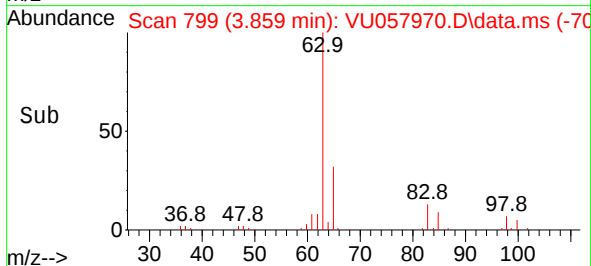
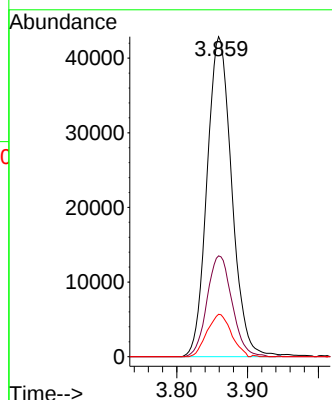
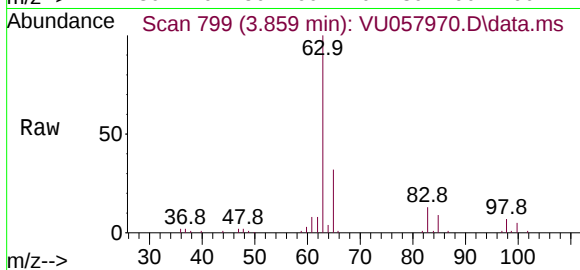
Tgt Ion: 63 Resp: 103864

Ion Ratio Lower Upper

63 100

65 32.0 22.1 41.1

83 13.2 9.0 16.6



#21

2-Butanone

Concen: 53.250 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. 0.003 min

Lab File: VU057970.D

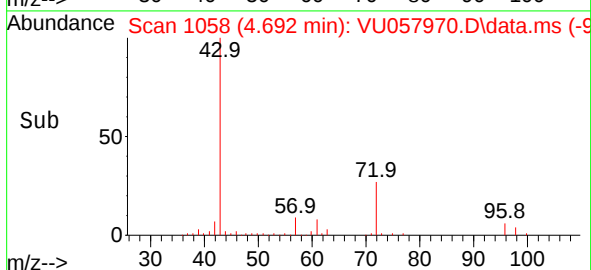
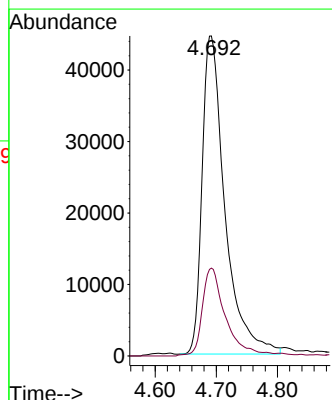
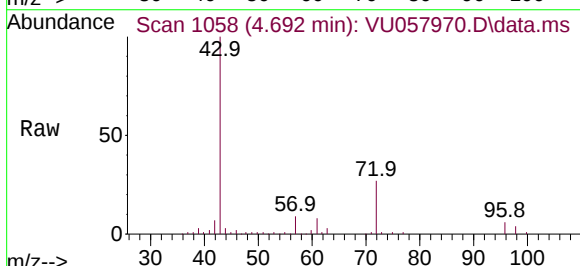
Acq: 29 Feb 2024 12:15

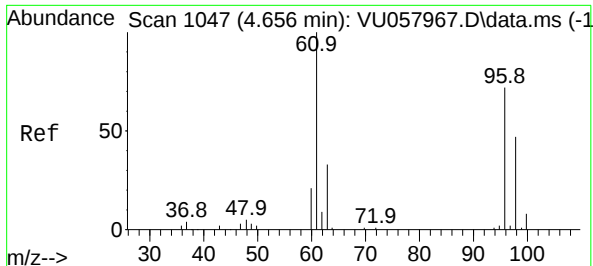
Tgt Ion: 43 Resp: 115519

Ion Ratio Lower Upper

43 100

72 27.5 13.0 39.0

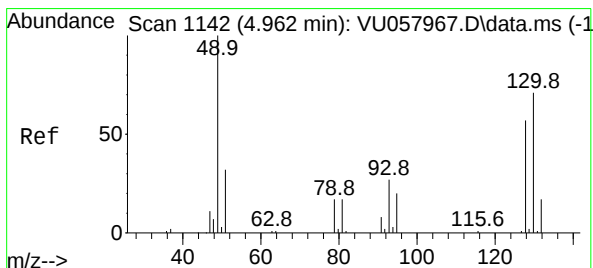
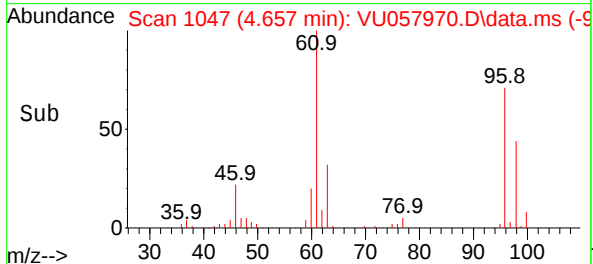
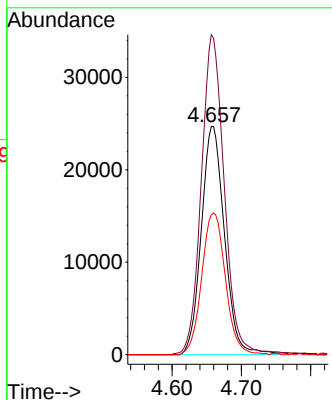
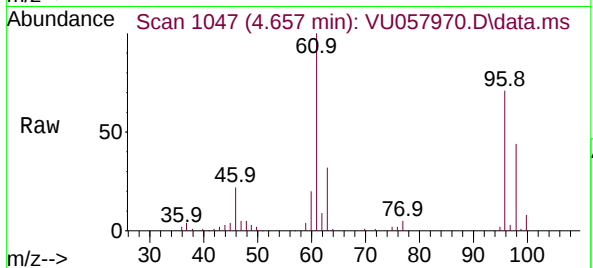




#22
 cis-1,2-Dichloroethene
 Concen: 5.089 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU057970.D
 Acq: 29 Feb 2024 12:15

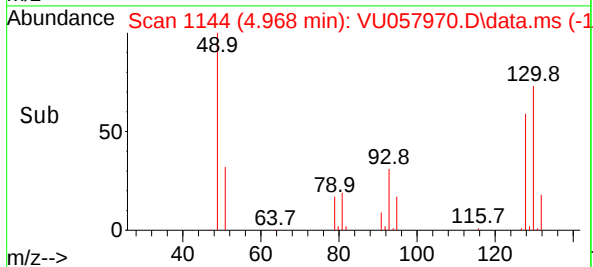
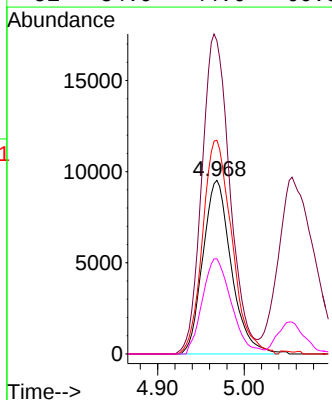
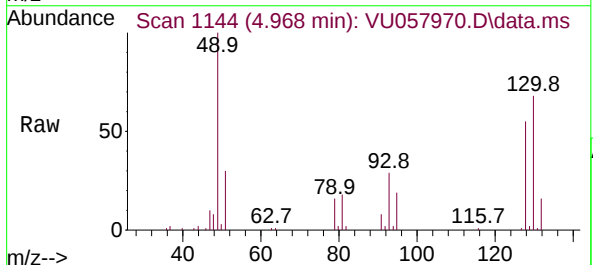
Instrument :
 MSVOA_U
 ClientSampleId :

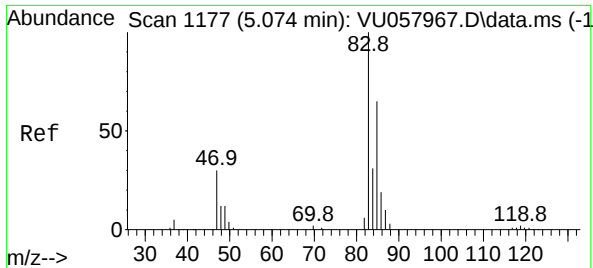
Tgt Ion: 96 Resp: 57413
 Ion Ratio Lower Upper
 96 100
 61 140.2 97.2 180.4
 98 61.4 45.5 84.5



#23
 Bromochloromethane
 Concen: 5.172 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.006 min
 Lab File: VU057970.D
 Acq: 29 Feb 2024 12:15

Tgt Ion: 128 Resp: 21667
 Ion Ratio Lower Upper
 128 100
 49 185.8 122.0 226.6
 130 123.2 86.6 160.8
 51 54.9 44.6 66.8





#25

Chloroform

Concen: 5.021 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

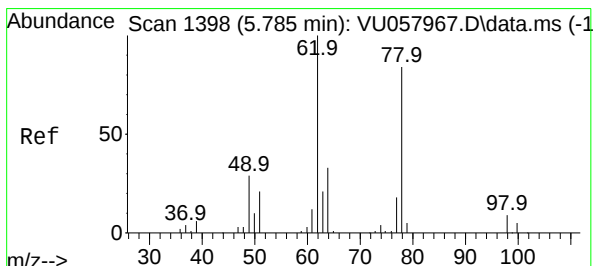
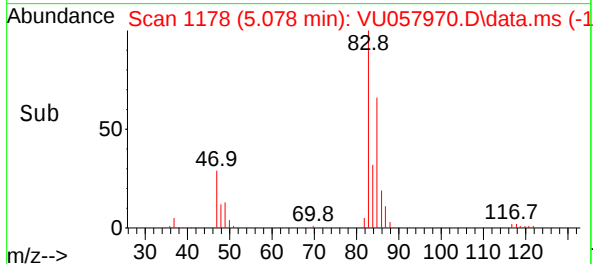
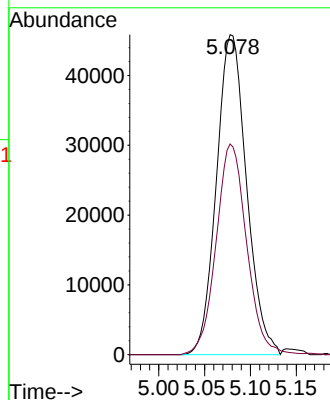
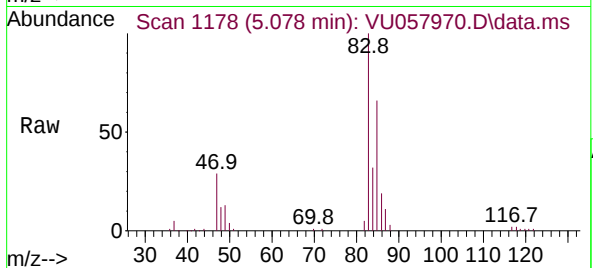
ClientSampleId :

Tgt Ion: 83 Resp: 104882

Ion Ratio Lower Upper

83 100

85 65.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.227 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU057970.D

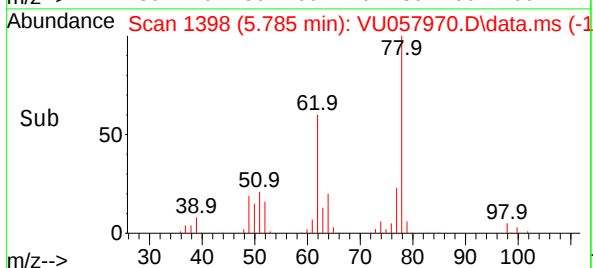
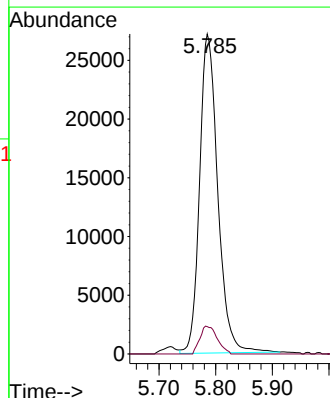
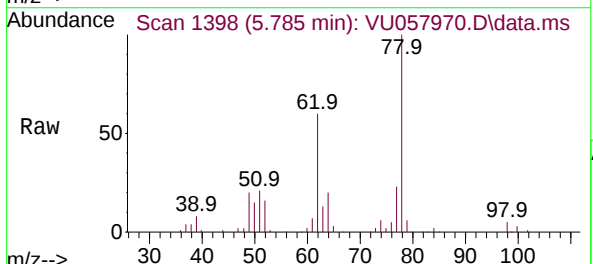
Acq: 29 Feb 2024 12:15

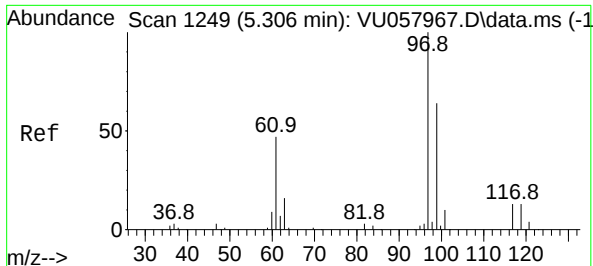
Tgt Ion: 62 Resp: 60440

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.4

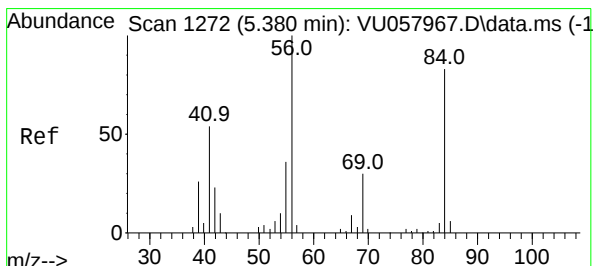
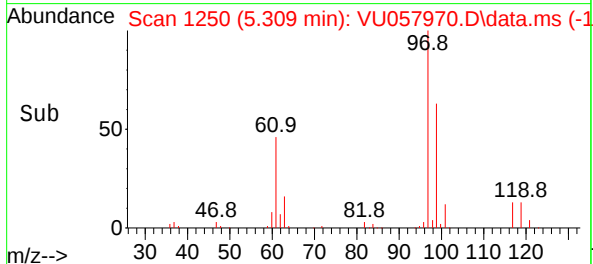
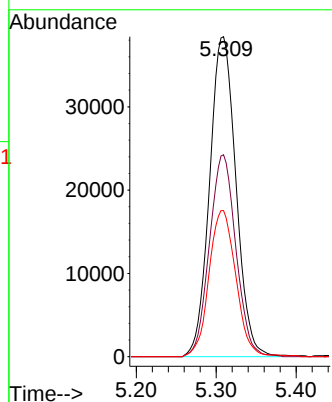
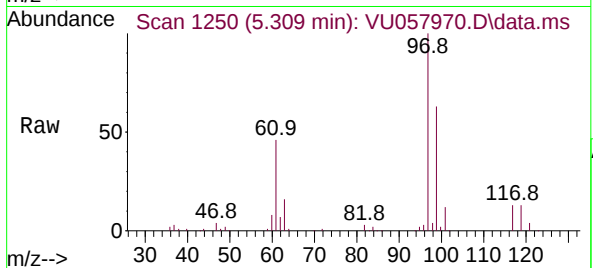




#29
1,1,1-Trichloroethane
Concen: 5.063 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

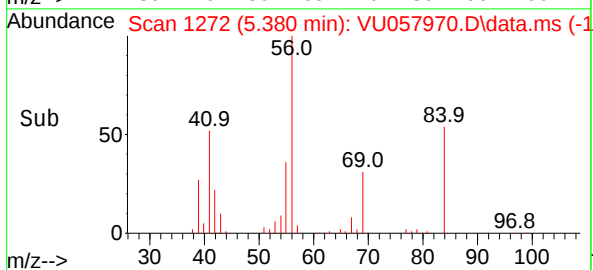
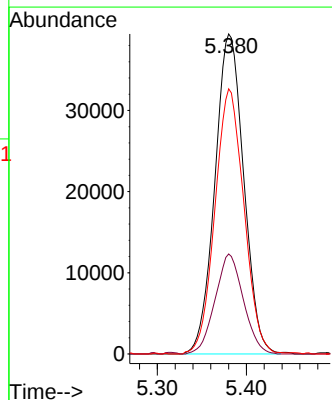
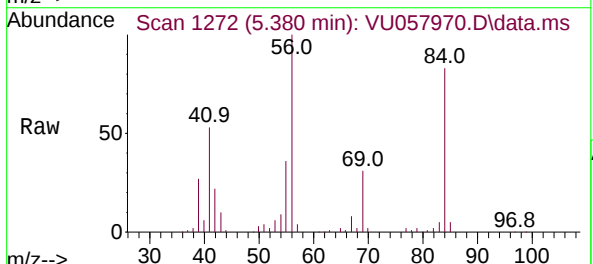
Instrument :
MSVOA_U
ClientSampleId :

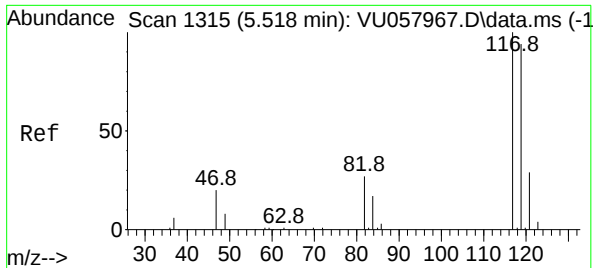
Tgt Ion:	97	Resp:	88012
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.2	76.8
61	46.3	37.4	56.2



#30
Cyclohexane
Concen: 5.049 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion:	56	Resp:	88630
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.2	36.2
84	83.3	66.6	99.8

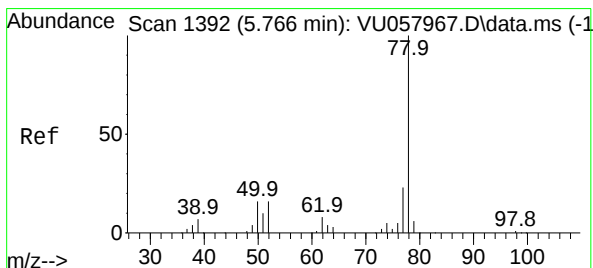
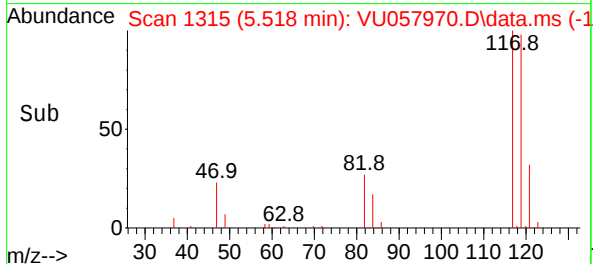
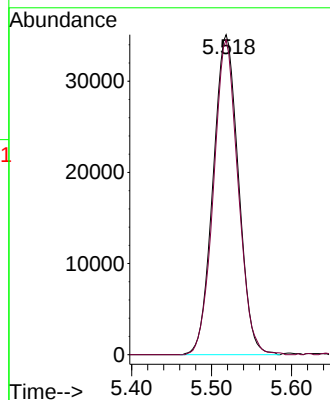
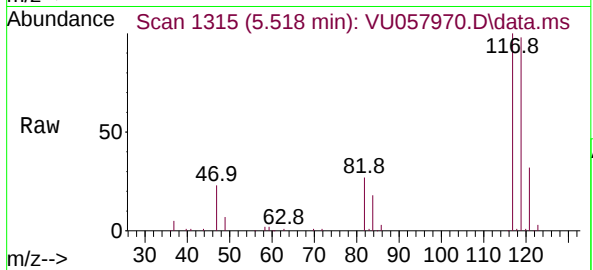




#31
Carbon tetrachloride
Concen: 5.113 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

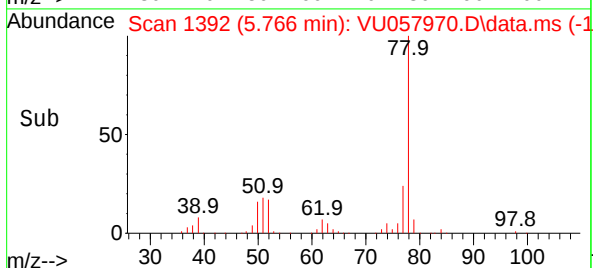
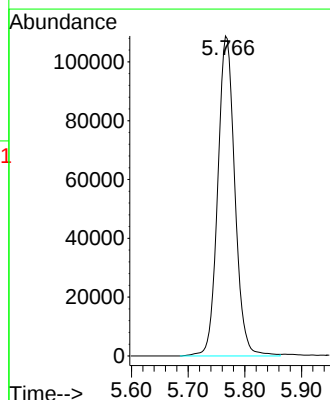
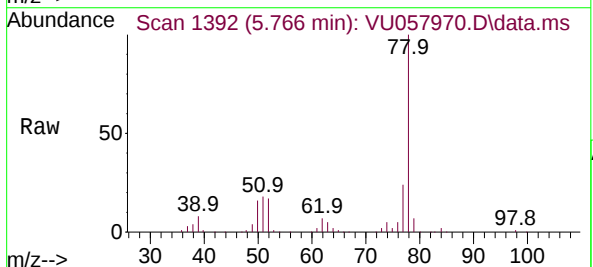
Instrument :
MSVOA_U
ClientSampleId :

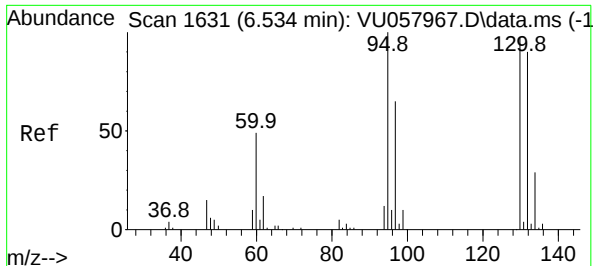
Tgt Ion:117 Resp: 77240
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8



#33
Benzene
Concen: 5.087 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 78 Resp: 228022





#34

Trichloroethene

Concen: 5.161 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 60864

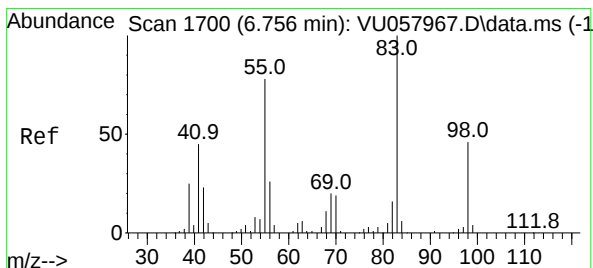
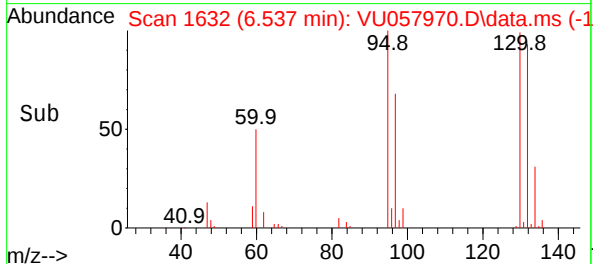
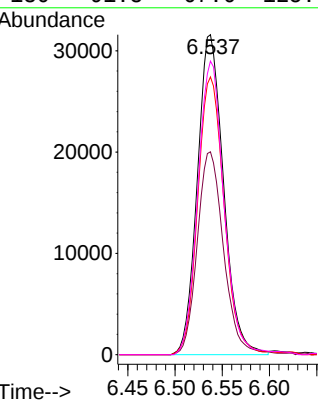
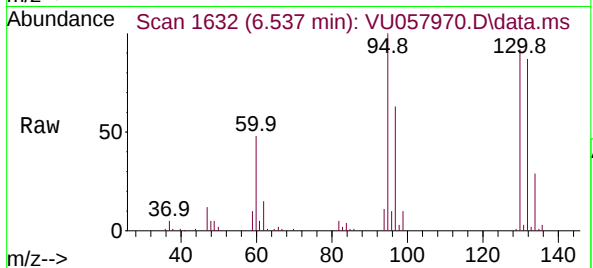
Ion Ratio Lower Upper

95 100

97 63.4 45.3 84.1

132 86.8 63.1 117.1

130 91.8 67.6 125.6



#35

Methylcyclohexane

Concen: 5.227 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

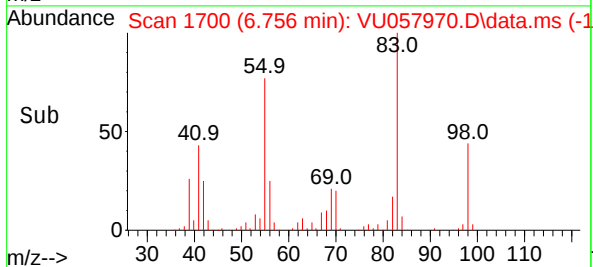
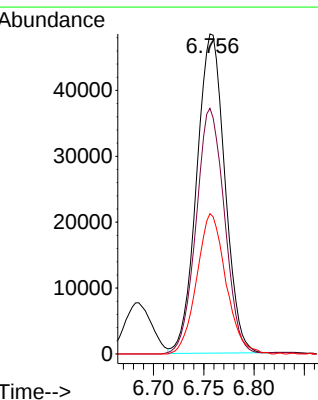
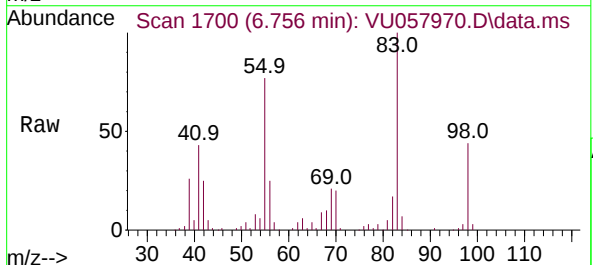
Tgt Ion: 83 Resp: 94495

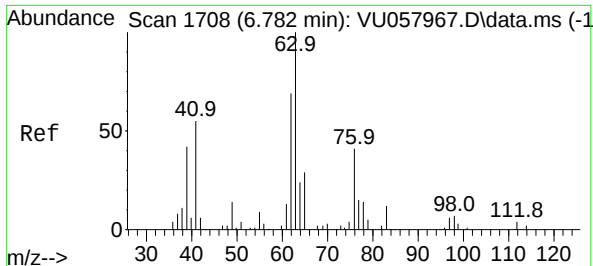
Ion Ratio Lower Upper

83 100

55 77.6 63.0 94.6

98 45.4 36.2 54.4

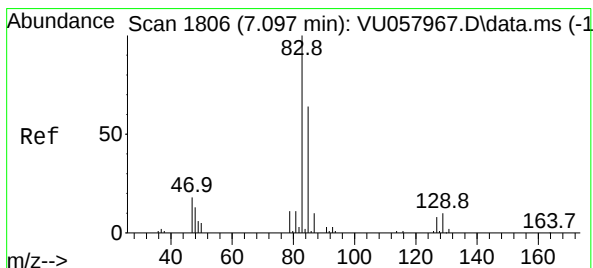
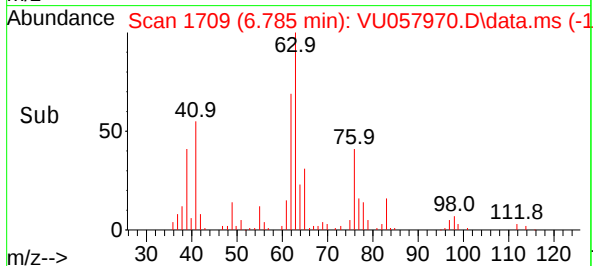
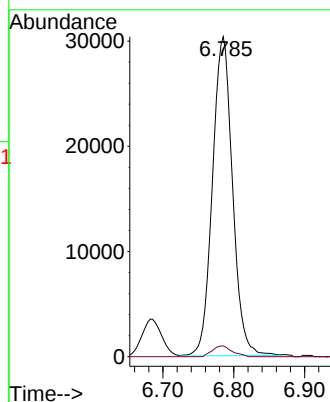
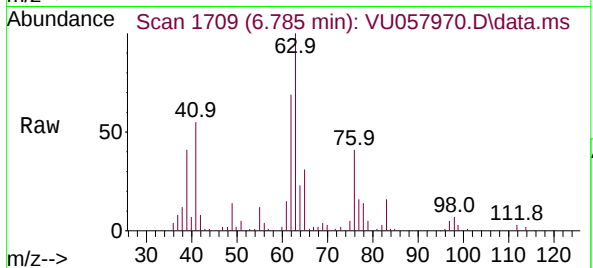




#37
1,2-Dichloropropane
Concen: 5.176 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

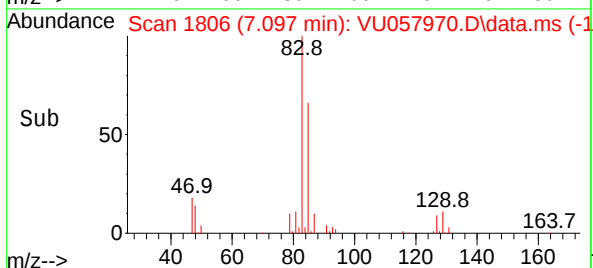
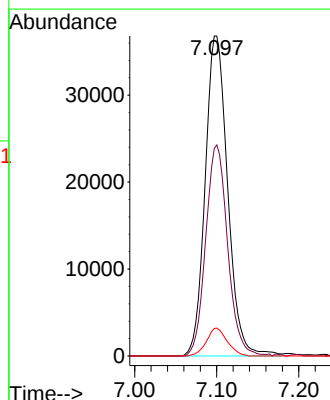
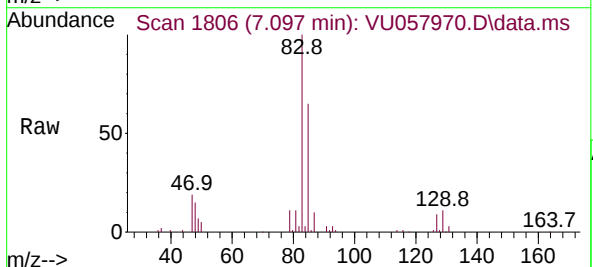
Instrument :
MSVOA_U
ClientSampleId :

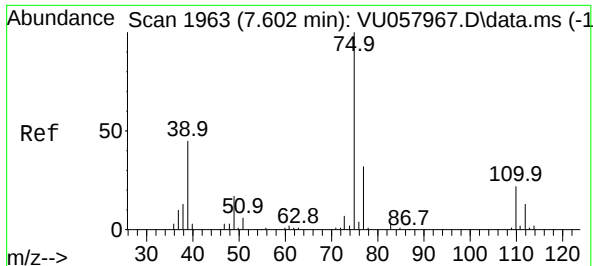
Tgt Ion: 63 Resp: 59819
Ion Ratio Lower Upper
63 100
112 3.3 3.0 4.4



#38
Bromodichloromethane
Concen: 5.010 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 83 Resp: 70254
Ion Ratio Lower Upper
83 100
85 64.9 44.5 82.7
127 8.6 6.6 9.8

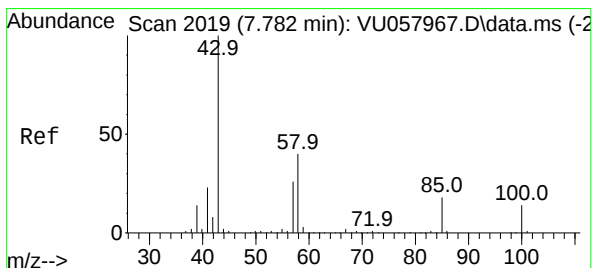
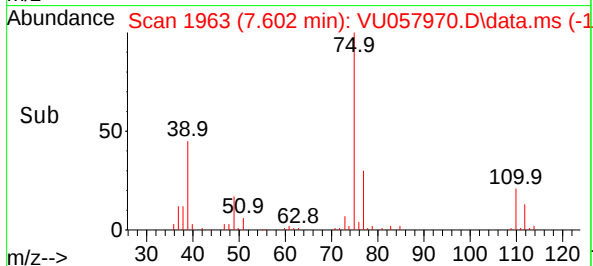
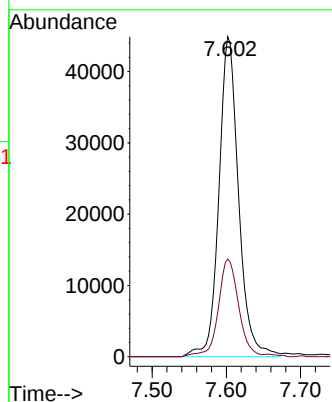
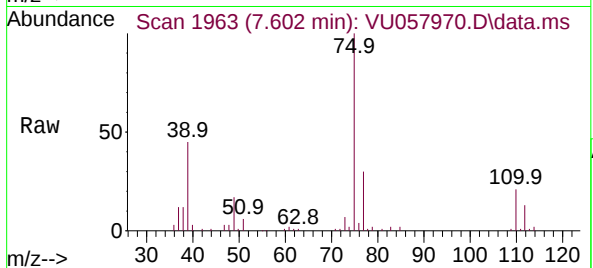




#39
 cis-1,3-Dichloropropene
 Concen: 5.204 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU057970.D
 Acq: 29 Feb 2024 12:15

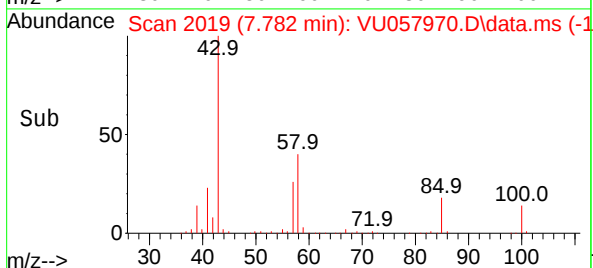
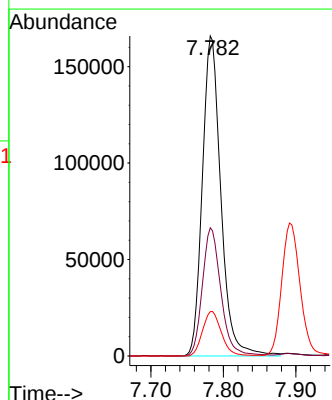
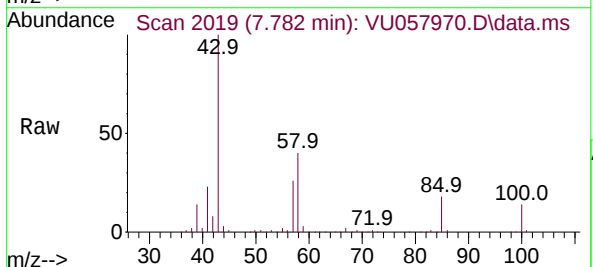
Instrument :
 MSVOA_U
 ClientSampleId :

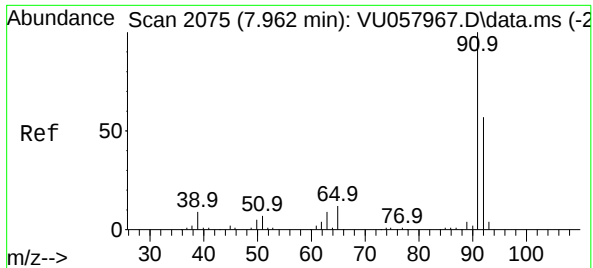
Tgt Ion: 75 Resp: 82871
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 55.413 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU057970.D
 Acq: 29 Feb 2024 12:15

Tgt Ion: 43 Resp: 294620
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.7 47.5
 100 14.2 11.3 16.9





#42

Toluene

Concen: 5.121 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

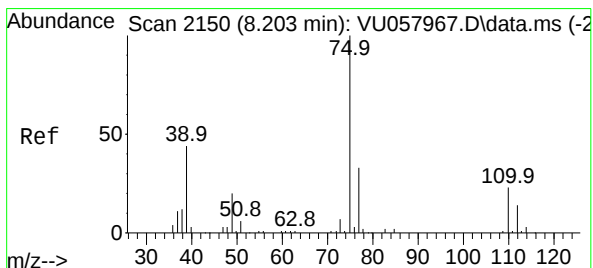
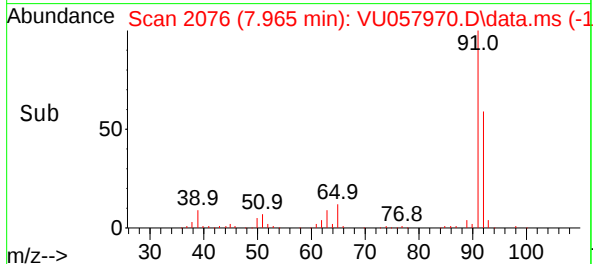
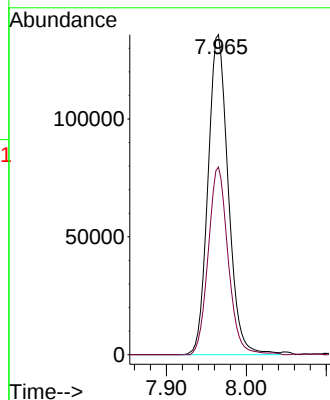
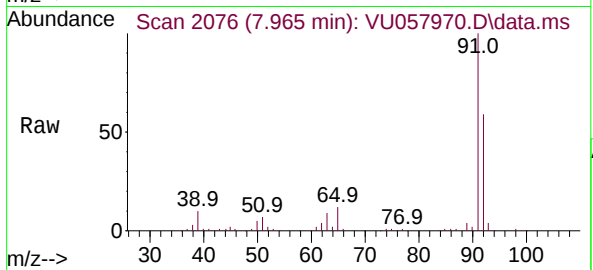
ClientSampleId :

Tgt Ion: 91 Resp: 239022

Ion Ratio Lower Upper

91 100

92 58.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.220 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU057970.D

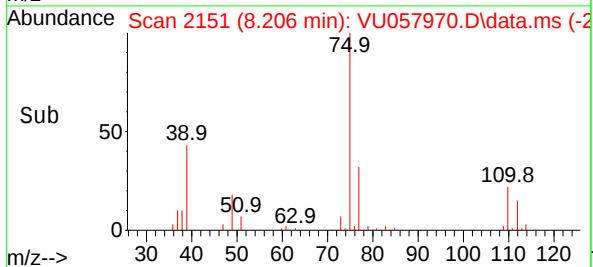
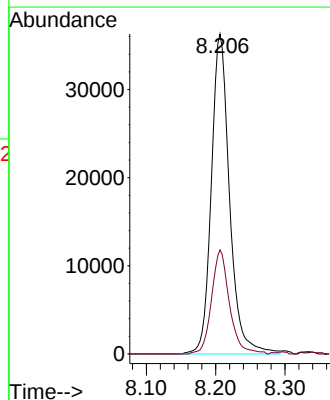
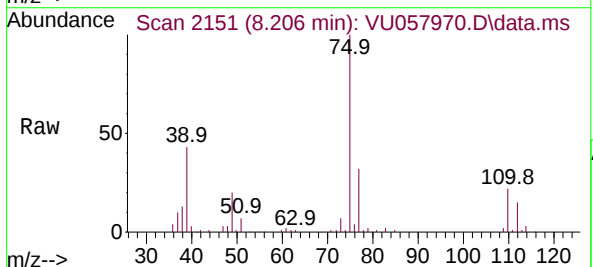
Acq: 29 Feb 2024 12:15

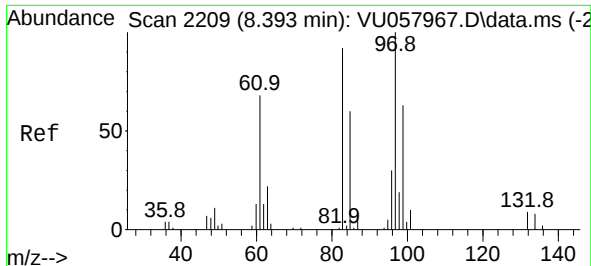
Tgt Ion: 75 Resp: 66241

Ion Ratio Lower Upper

75 100

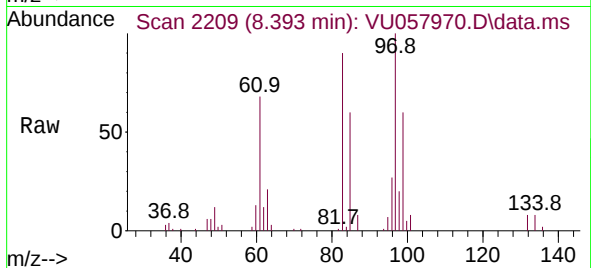
77 32.5 23.1 42.9



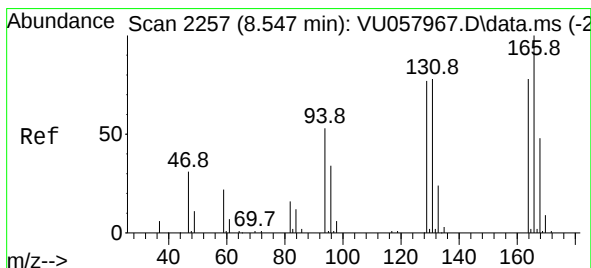
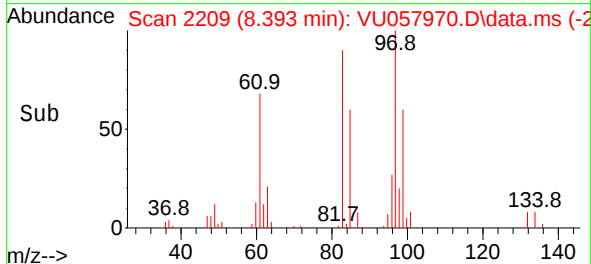
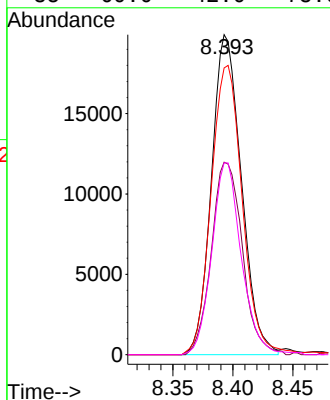


#45
1,1,2-Trichloroethane
Concen: 5.037 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Instrument :
MSVOA_U
ClientSampleId :

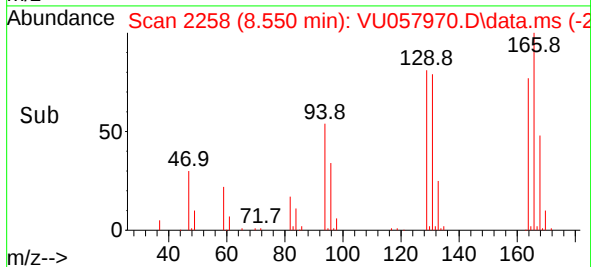
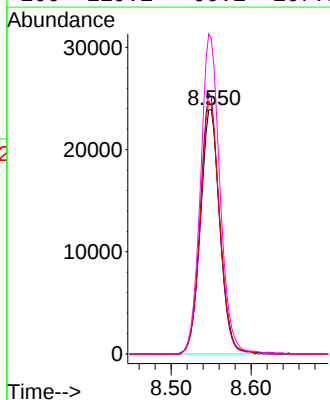
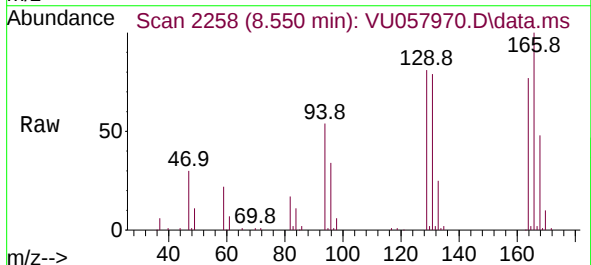


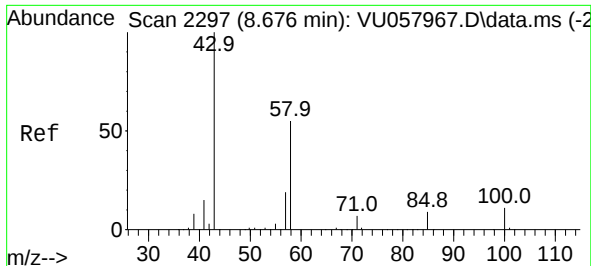
Tgt Ion: 97	Resp: 34521
Ion Ratio	Lower Upper
97 100	
99 60.1	44.2 82.2
83 89.6	64.2 119.2
85 60.0	42.0 78.0



#47
Tetrachloroethene
Concen: 4.955 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt	Ion:164	Resp:	40538
Ion	Ratio	Lower	Upper
164	100		
129	104.8	69.3	128.7
131	101.9	69.9	129.9
166	129.1	90.1	167.3





#48

2-Hexanone

Concen: 58.771 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

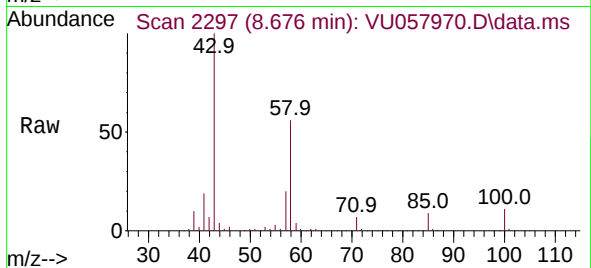
Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 229154

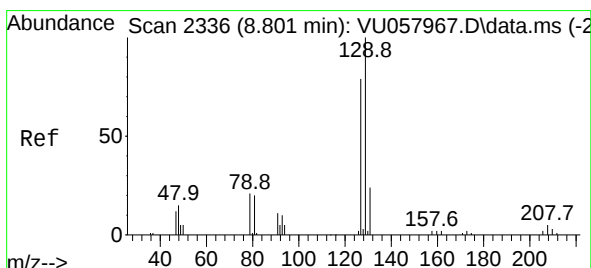
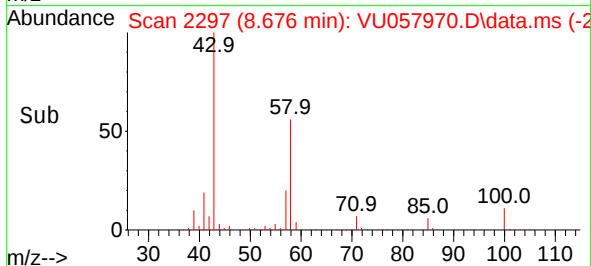
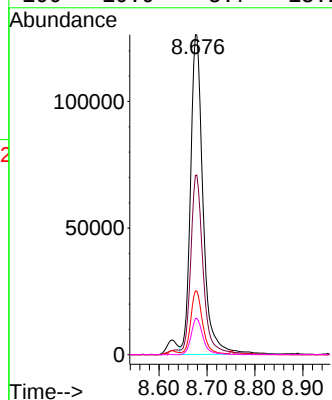
Ion Ratio Lower Upper

43 100

58 57.2 43.3 64.9

57 18.6 15.2 22.8

100 10.9 8.7 13.1



#49

Dibromochloromethane

Concen: 5.222 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU057970.D

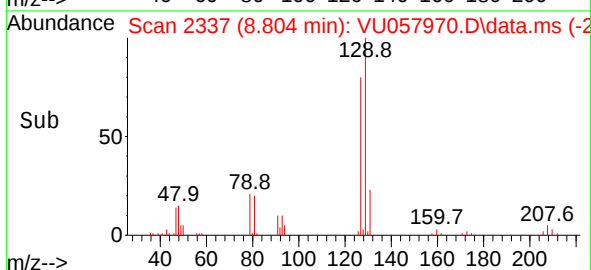
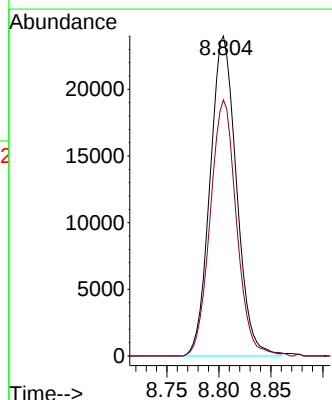
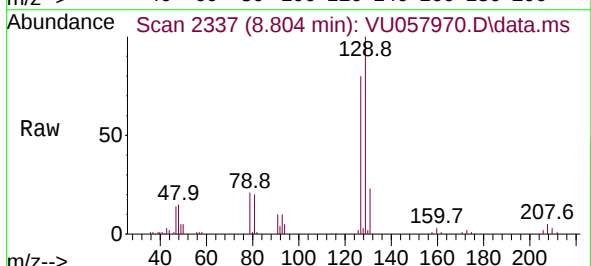
Acq: 29 Feb 2024 12:15

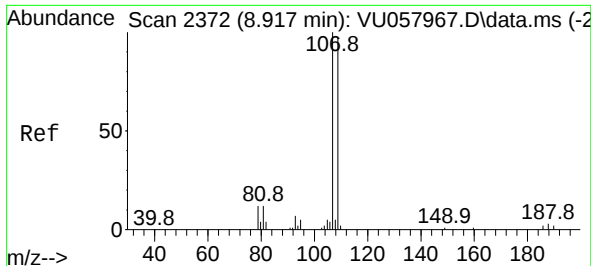
Tgt Ion: 129 Resp: 42361

Ion Ratio Lower Upper

129 100

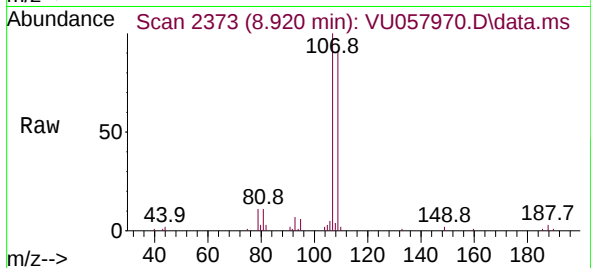
127 80.0 55.2 102.6



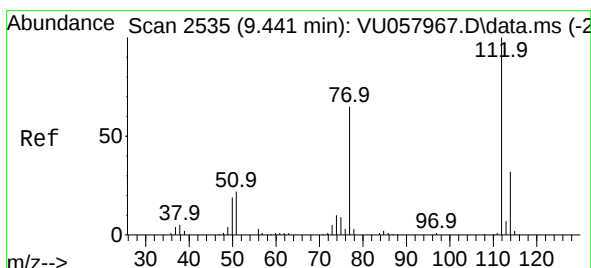
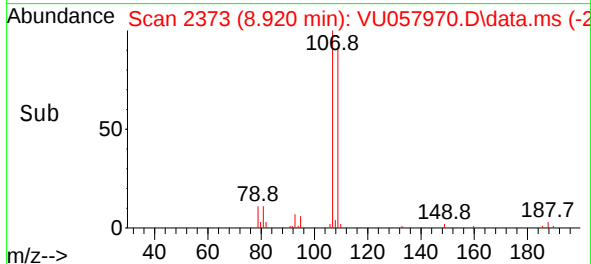
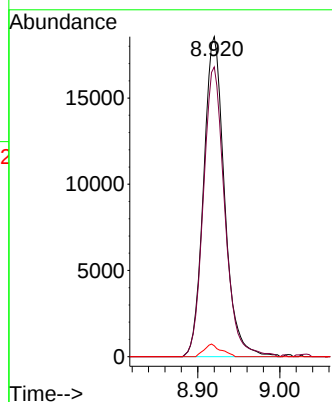


#50
1,2-Dibromoethane
Concen: 5.402 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Instrument :
MSVOA_U
ClientSampleId :

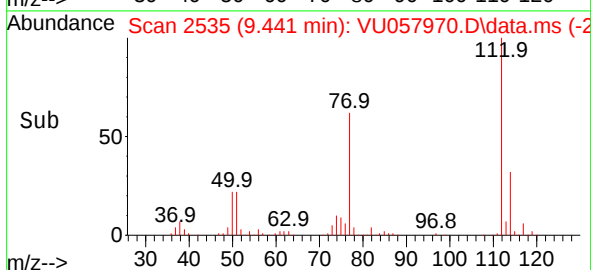
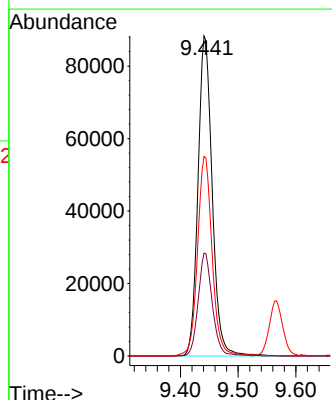
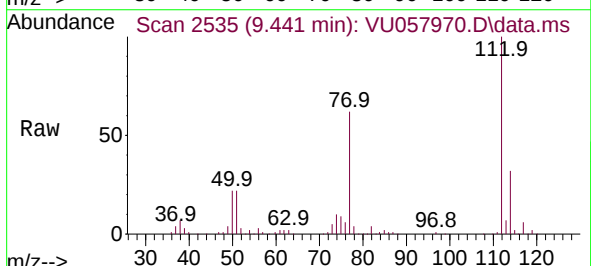


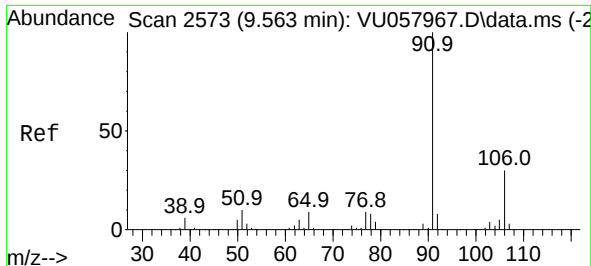
Tgt Ion:107 Resp: 32853
Ion Ratio Lower Upper
107 100
109 90.6 67.8 125.8
188 3.4 2.4 3.6



#51
Chlorobenzene
Concen: 5.160 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion:112 Resp: 151056
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.1
77 62.4 52.3 78.5





#52

Ethylbenzene

Concen: 5.147 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

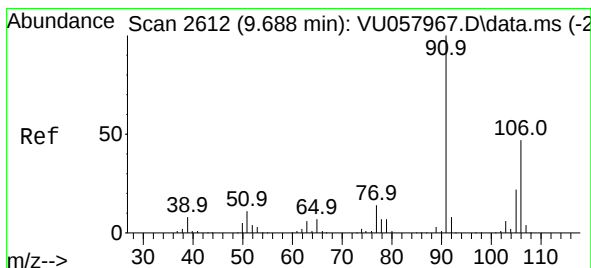
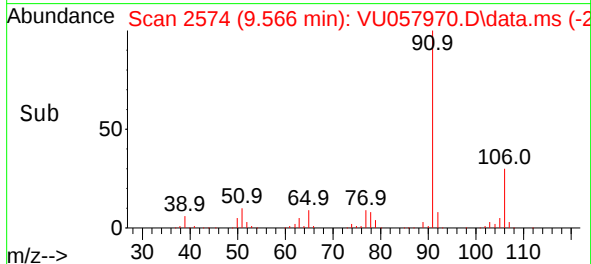
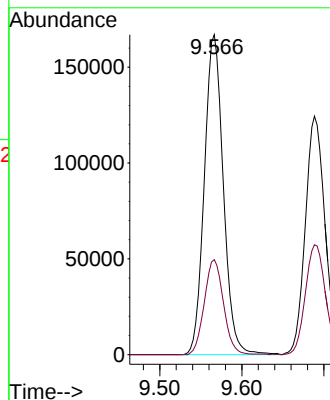
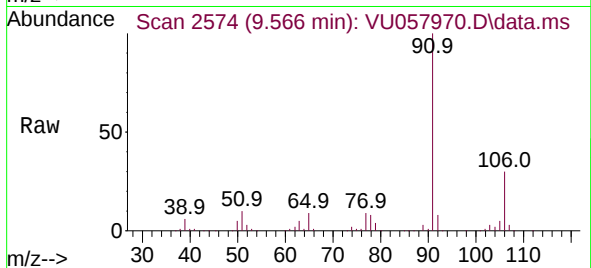
ClientSampleId :

Tgt Ion: 91 Resp: 268863

Ion Ratio Lower Upper

91 100

106 29.7 20.9 38.7



#53

m,p-Xylene

Concen: 5.250 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU057970.D

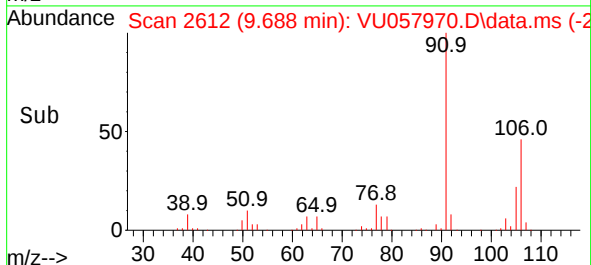
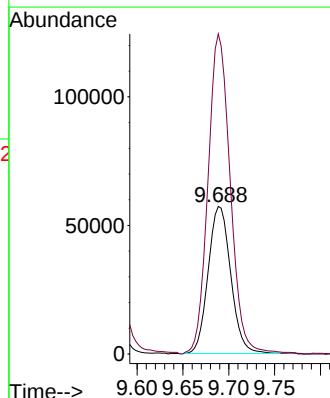
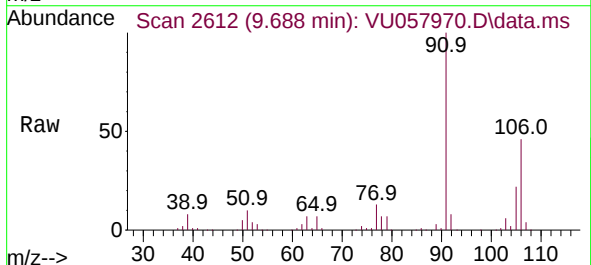
Acq: 29 Feb 2024 12:15

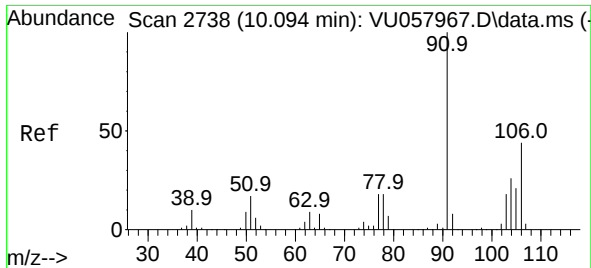
Tgt Ion:106 Resp: 97971

Ion Ratio Lower Upper

106 100

91 217.0 148.8 276.4

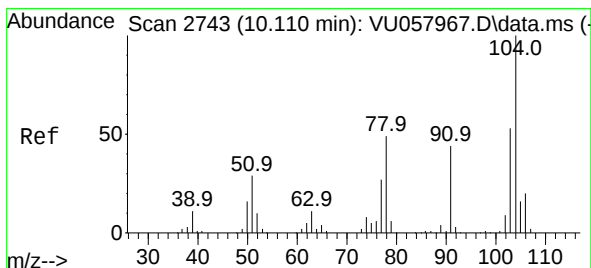
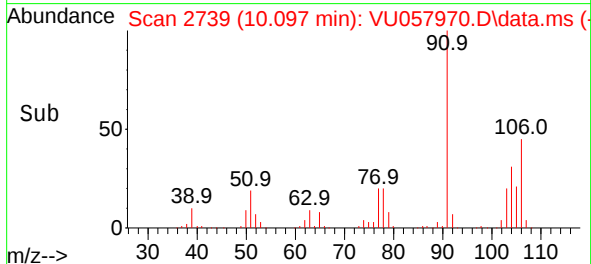
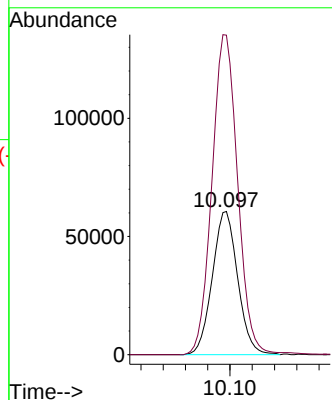
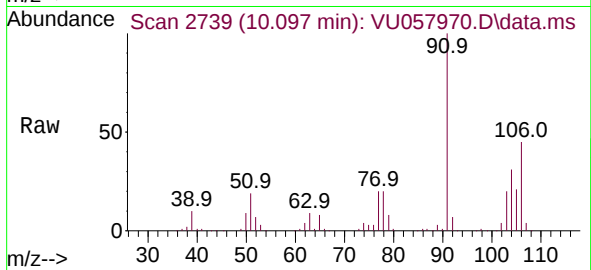




#54
o-Xylene
Concen: 5.152 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

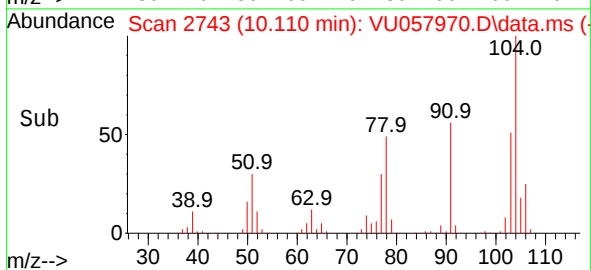
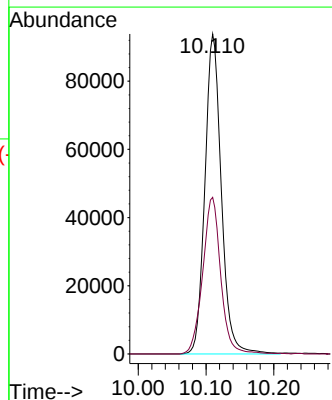
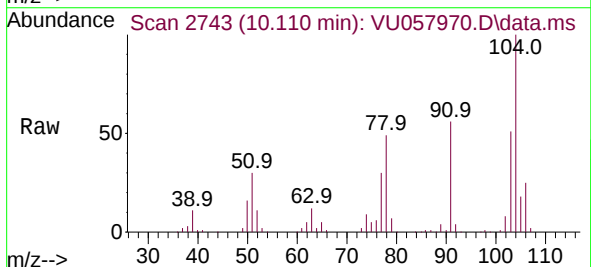
Instrument :
MSVOA_U
ClientSampleId :

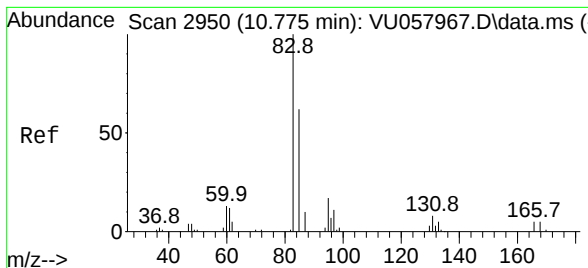
Tgt Ion:106 Resp: 95832
Ion Ratio Lower Upper
106 100
91 223.1 158.3 294.1



#55
Styrene
Concen: 5.405 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion:104 Resp: 157803
Ion Ratio Lower Upper
104 100
78 49.0 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.263 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

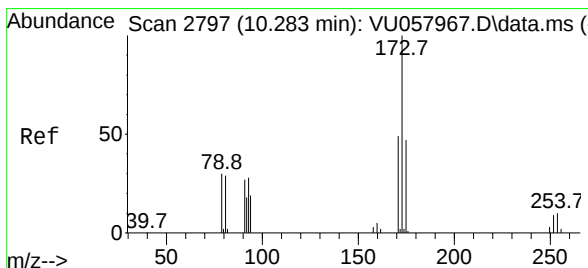
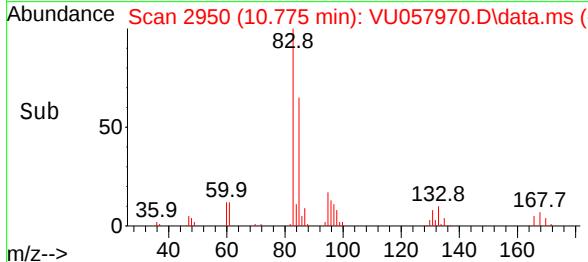
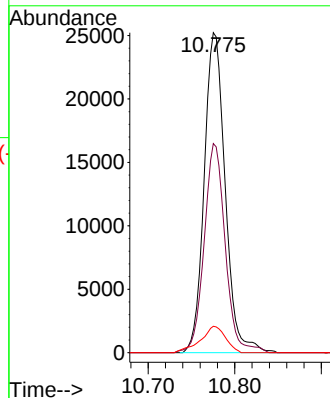
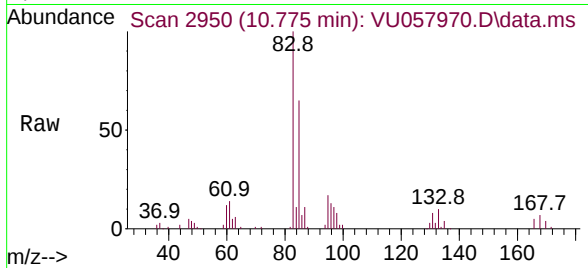
Tgt Ion: 83 Resp: 42490

Ion Ratio Lower Upper

83 100

85 65.3 44.0 81.6

131 8.3 6.9 10.3



#59

Bromoform

Concen: 5.338 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

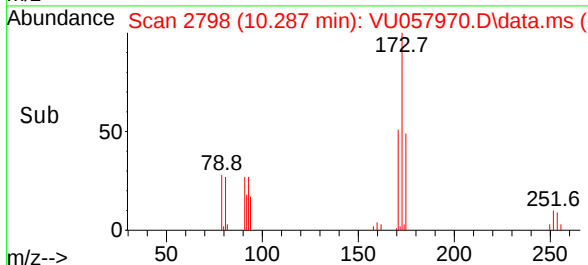
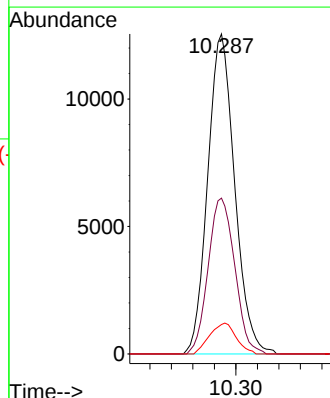
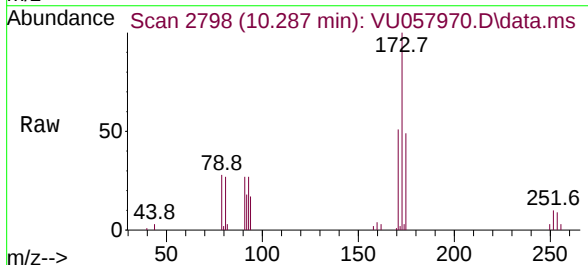
Tgt Ion:173 Resp: 21825

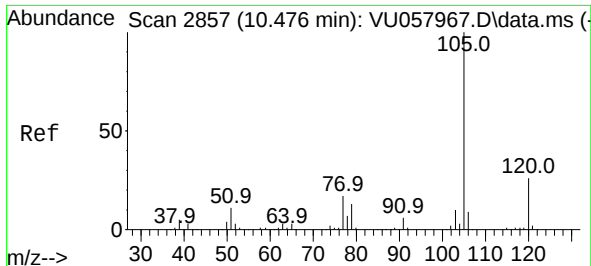
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

254 9.5 7.3 10.9

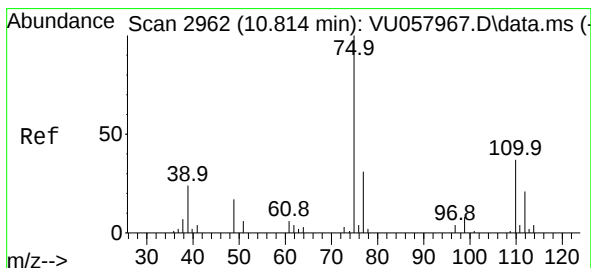
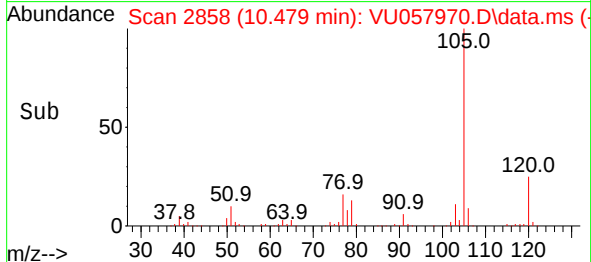
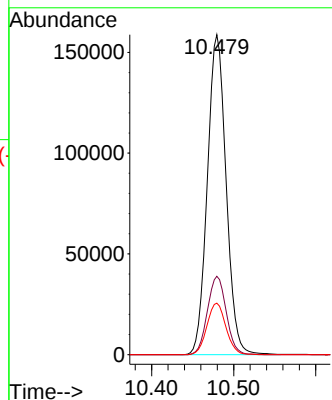
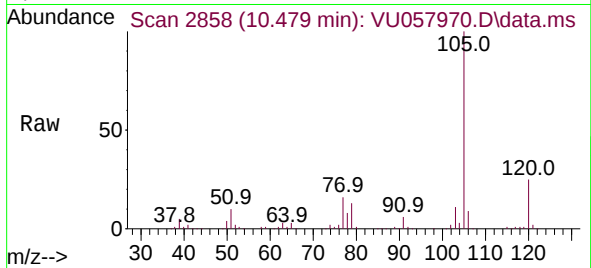




#60
Isopropylbenzene
Concen: 5.180 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

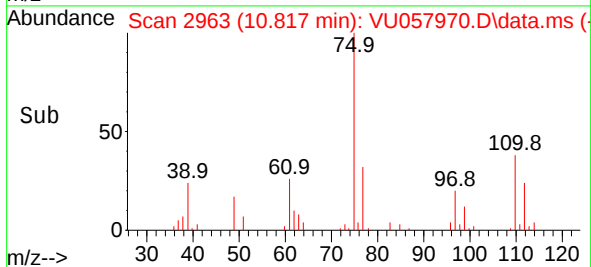
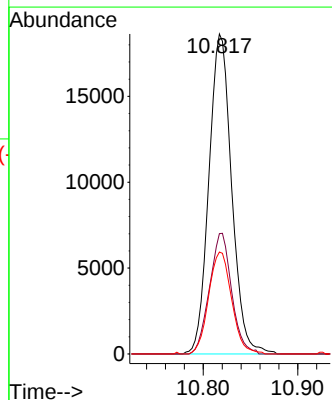
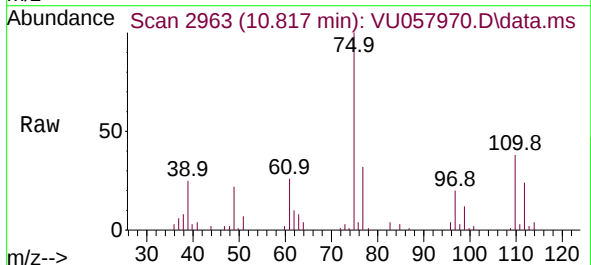
Instrument :
MSVOA_U
ClientSampleId :

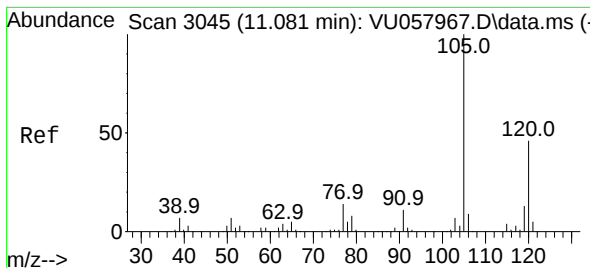
Tgt Ion:105 Resp: 252891
Ion Ratio Lower Upper
105 100
120 24.5 20.4 30.6
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.185 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 75 Resp: 31136
Ion Ratio Lower Upper
75 100
110 36.7 28.0 42.0
77 32.2 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 5.237 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

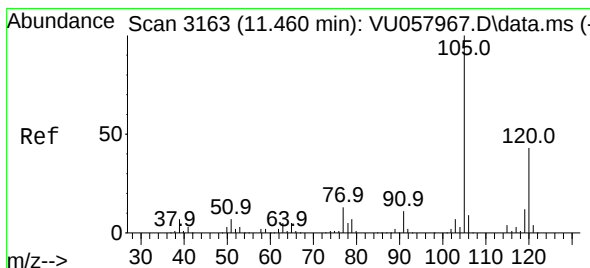
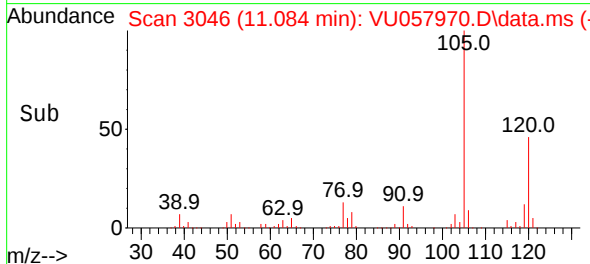
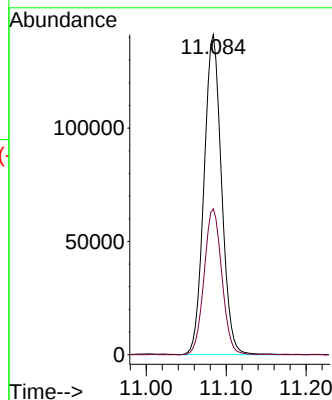
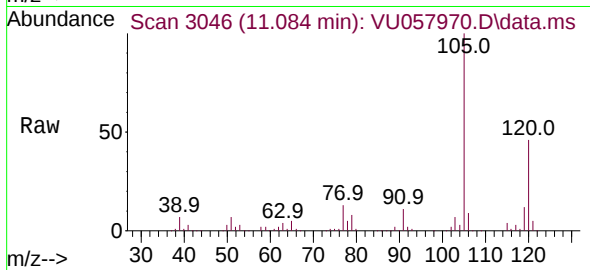
ClientSampleId :

Tgt Ion:105 Resp: 215624

Ion Ratio Lower Upper

105 100

120 46.2 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 5.372 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU057970.D

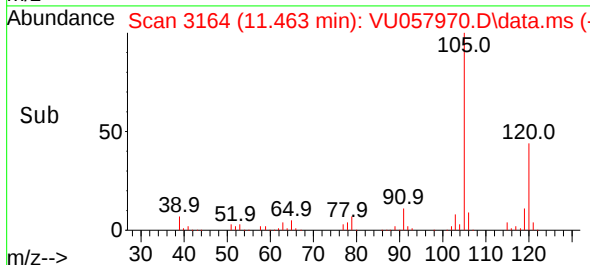
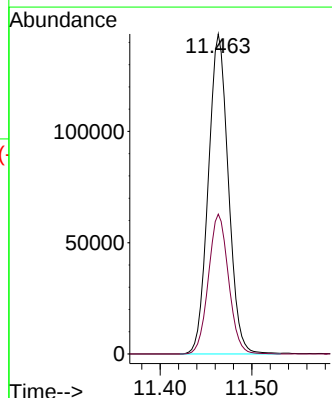
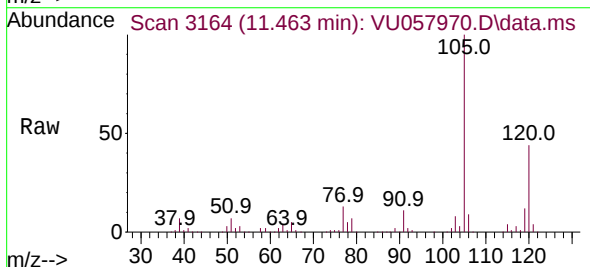
Acq: 29 Feb 2024 12:15

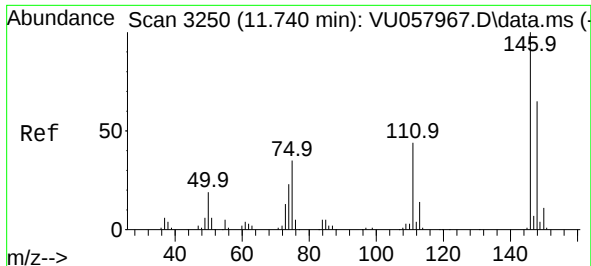
Tgt Ion:105 Resp: 218325

Ion Ratio Lower Upper

105 100

120 43.8 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 5.263 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

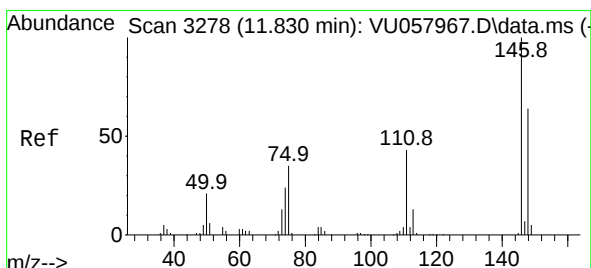
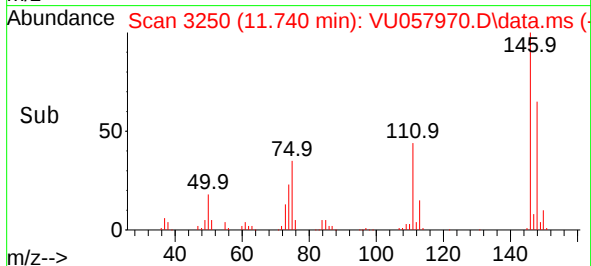
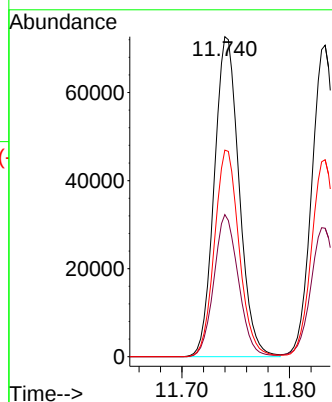
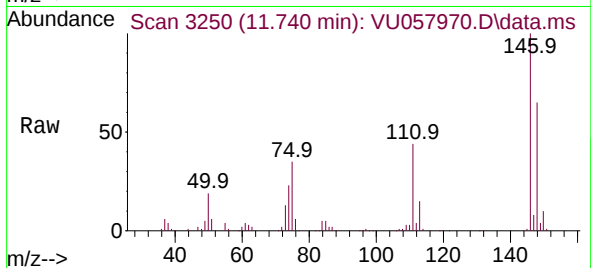
Tgt Ion:146 Resp: 116787

Ion Ratio Lower Upper

146 100

111 44.4 30.9 57.5

148 64.5 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 5.285 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

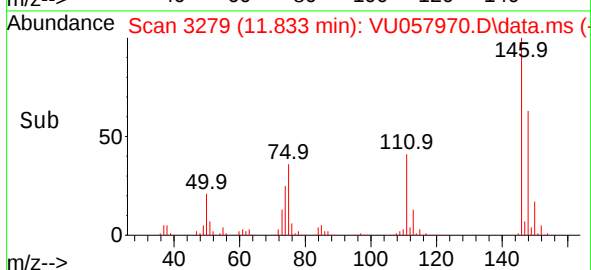
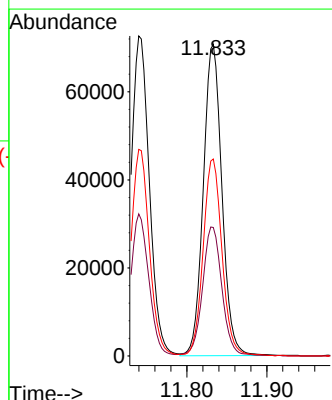
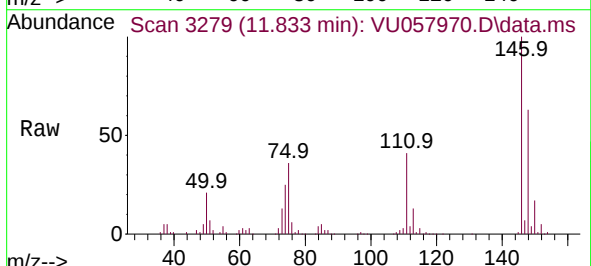
Tgt Ion:146 Resp: 114799

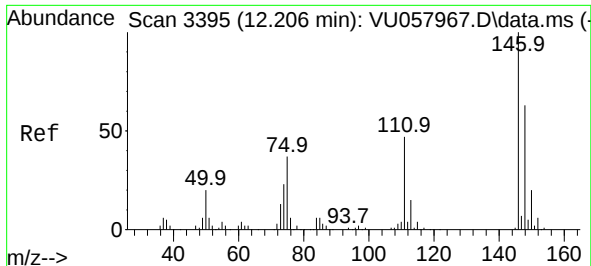
Ion Ratio Lower Upper

146 100

111 41.3 30.1 55.9

148 63.2 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.361 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

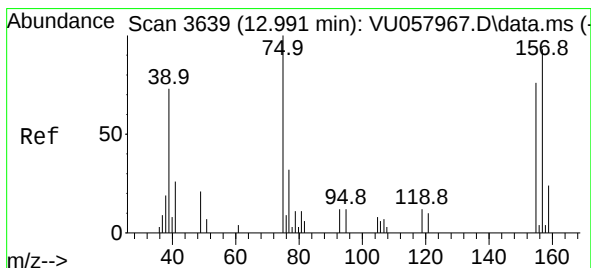
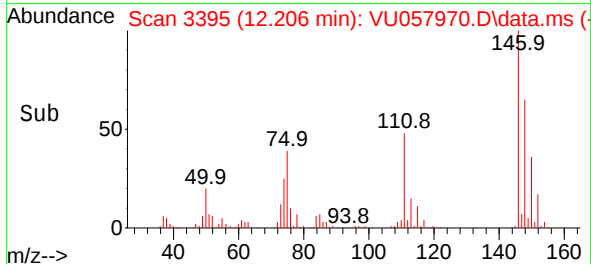
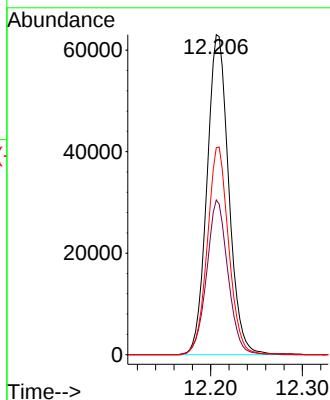
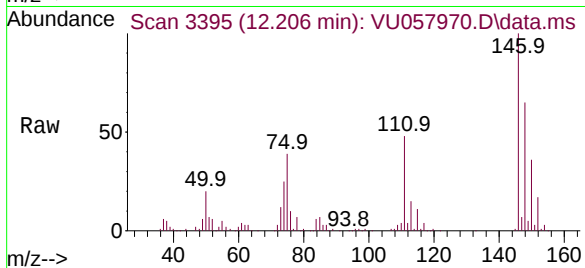
Tgt Ion:146 Resp: 103857

Ion Ratio Lower Upper

146 100

111 48.4 37.4 56.0

148 64.7 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.750 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

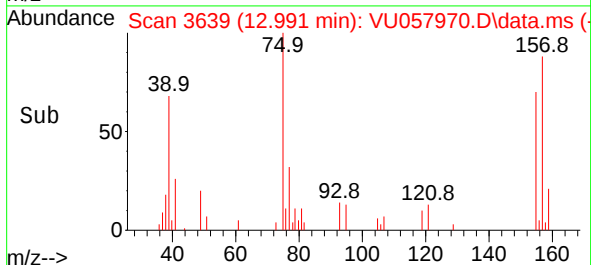
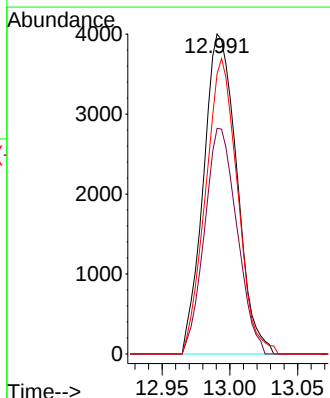
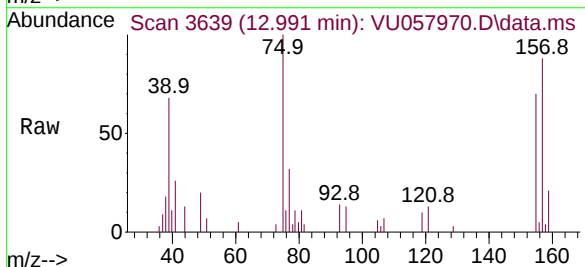
Tgt Ion: 75 Resp: 6850

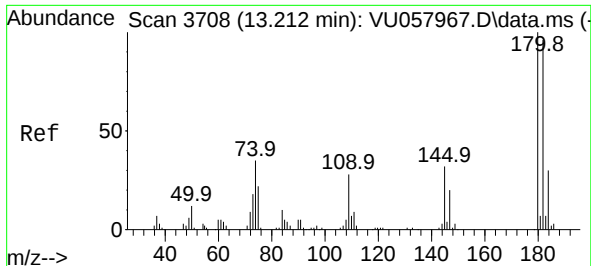
Ion Ratio Lower Upper

75 100

155 70.5 61.0 91.6

157 87.6 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 5.415 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

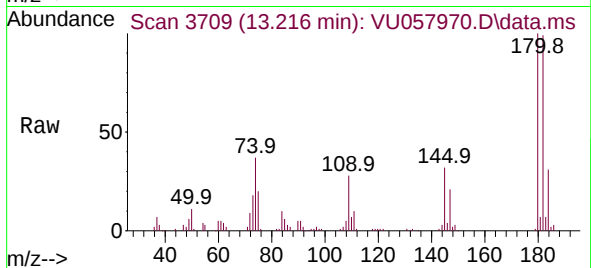
Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 86436

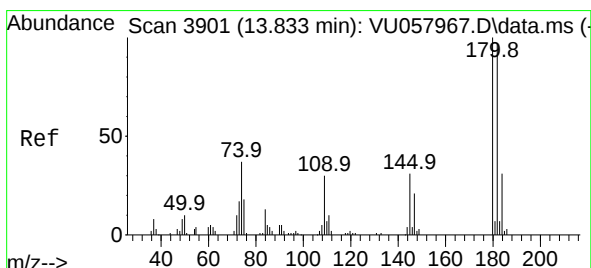
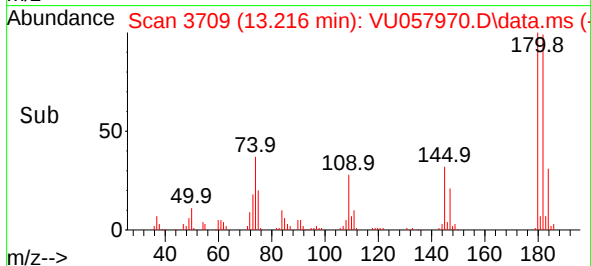
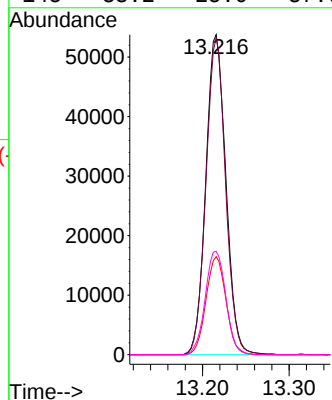
Ion Ratio Lower Upper

180 100

182 96.8 76.3 114.5

184 30.5 24.6 36.8

145 33.2 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 6.082 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU057970.D

Acq: 29 Feb 2024 12:15

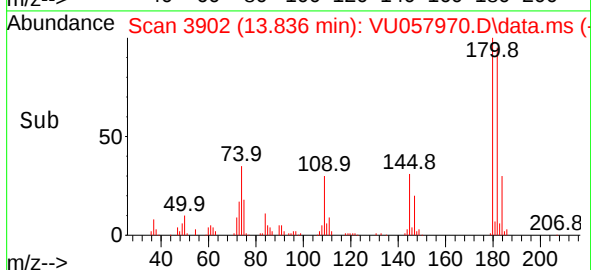
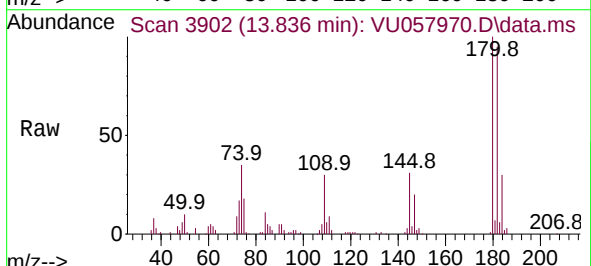
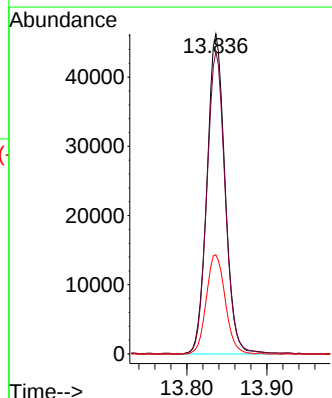
Tgt Ion:180 Resp: 72943

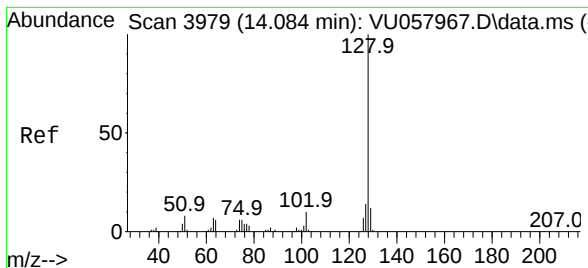
Ion Ratio Lower Upper

180 100

182 95.5 77.9 116.9

145 32.4 25.8 38.8

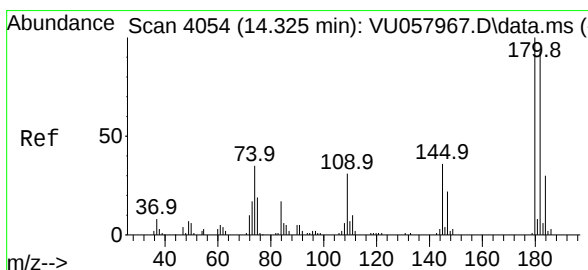
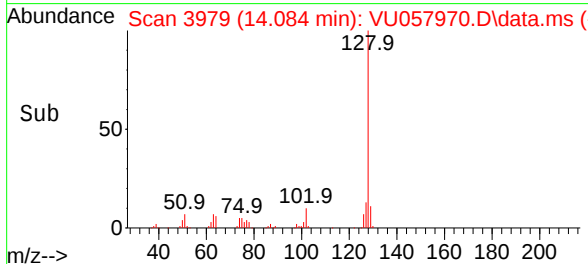
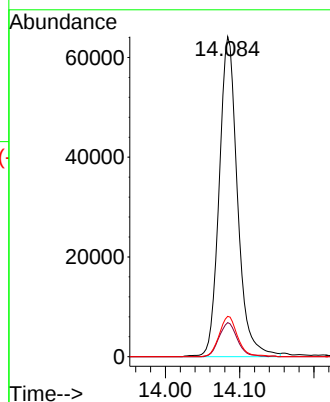
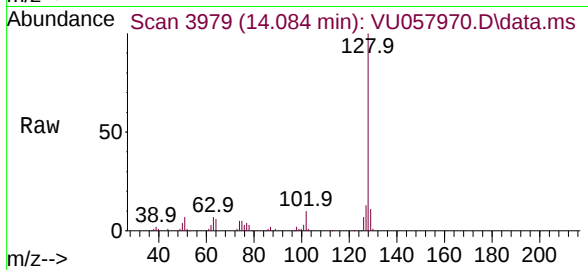




#71
Naphthalene
Concen: 6.735 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 110306
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.7 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 6.322 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057970.D
Acq: 29 Feb 2024 12:15

Tgt Ion:180 Resp: 59895
Ion Ratio Lower Upper
180 100
182 95.3 77.6 116.4
145 33.6 28.7 43.1

