

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056537.D
 Acq On : 20 Nov 2023 19:40
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:44:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	112075	5.877	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.600%
7) Chloroethane-d5	1.907	69	73883	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.563	65	48169	5.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.400%
20) 2-Butanone-d5	4.621	46	218051	57.345	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.700%
24) Chloroform-d	5.055	84	210212	5.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
26) 1,2-Dichloroethane-d4	5.695	65	99513	5.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.800%
32) Benzene-d6	5.721	84	400712	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
36) 1,2-Dichloropropane-d6	6.685	67	120407	5.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.894	98	375197	5.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
43) trans-1,3-Dichloroprop...	8.174	79	47703	5.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.627	63	204004	60.698	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.400%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91842	5.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	118549	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	92988	4.603	ug/L	98
3) Chloromethane	1.515	50	91273	4.422	ug/L	99
5) Vinyl chloride	1.602	62	92575	4.655	ug/L	93
6) Bromomethane	1.853	94	36719	3.647	ug/L	96
8) Chloroethane	1.930	64	53813	4.429	ug/L	93
9) Trichlorofluoromethane	2.132	101	145068	5.061	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	79444	4.669	ug/L	99
12) 1,1-Dichloroethene	2.576	96	78952	5.059	ug/L	96
13) Acetone	2.631	43	121659	37.566	ug/L	98
14) Carbon disulfide	2.788	76	219874	4.329	ug/L	99
15) Methyl Acetate	2.949	43	31084	5.393	ug/L	100
16) Methylene chloride	3.039	84	116054	5.619	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	211524	5.578	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	83049	5.172	ug/L	96
19) 1,1-Dichloroethane	3.862	63	171213	5.383	ug/L	97
21) 2-Butanone	4.698	43	196071	46.658	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	98763	5.423	ug/L	98
23) Bromochloromethane	4.968	128	42309	5.645	ug/L	96
25) Chloroform	5.081	83	192066	5.573	ug/L	98

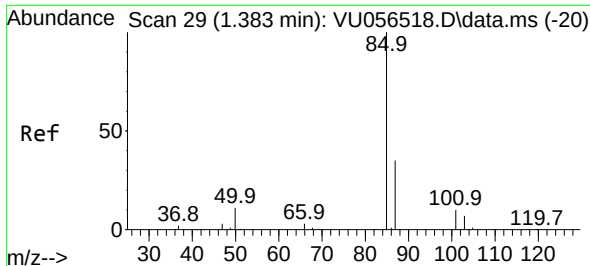
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	108480	5.544	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	153565	5.387	ug/L	99
30) Cyclohexane	5.380	56	107487	3.973	ug/L	100
31) Carbon tetrachloride	5.518	117	122823	5.016	ug/L	100
33) Benzene	5.769	78	372085	5.251	ug/L	100
34) Trichloroethene	6.537	95	100071	5.183	ug/L	94
35) Methylcyclohexane	6.756	83	111582	4.003	ug/L	97
37) 1,2-Dichloropropane	6.785	63	104018	5.629	ug/L	99
38) Bromodichloromethane	7.100	83	135345	5.674	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	147231	5.422	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	521067	56.884	ug/L	100
42) Toluene	7.965	91	403036	5.494	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	121164	5.597	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	71545	5.813	ug/L	95
47) Tetrachloroethene	8.547	164	68839	5.288	ug/L	94
48) 2-Hexanone	8.679	43	379349	53.159	ug/L	98
49) Dibromochloromethane	8.804	129	82795	5.916	ug/L	98
50) 1,2-Dibromoethane	8.920	107	64118	5.519	ug/L	100
51) Chlorobenzene	9.441	112	246904	5.238	ug/L	97
52) Ethylbenzene	9.566	91	410936	5.044	ug/L	100
53) m,p-Xylene	9.688	106	156839	5.237	ug/L	98
54) o-Xylene	10.097	106	152604	5.246	ug/L	99
55) Styrene	10.110	104	263135	5.438	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	84377	5.615	ug/L #	98
59) Bromoform	10.286	173	44089	5.673	ug/L	99
60) Isopropylbenzene	10.479	105	396888	4.932	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	59293	5.538	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	320429	4.850	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	327654	5.024	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	188273	5.143	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	187551	5.108	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	178738	5.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11802	5.161	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	141678	5.141	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	116818	5.204	ug/L	99
71) Naphthalene	14.081	128	171031	5.043	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	96655	5.227	ug/L	99

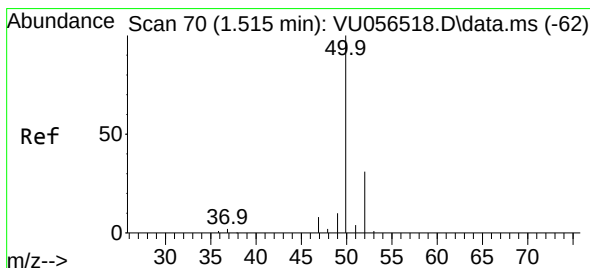
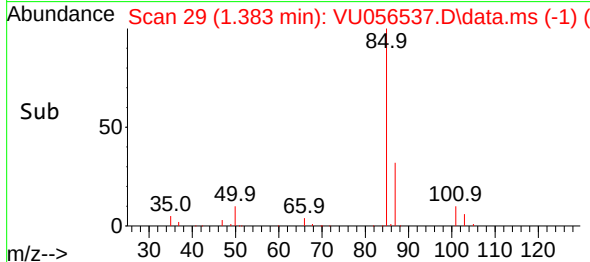
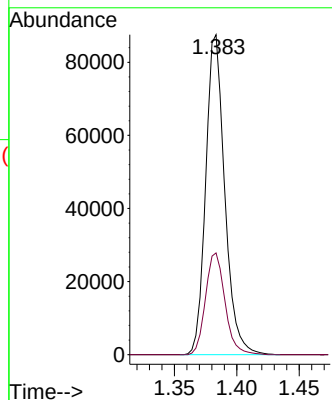
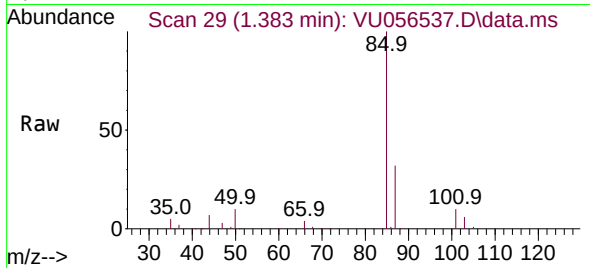
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#2
Dichlorodifluoromethane
Concen: 4.603 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

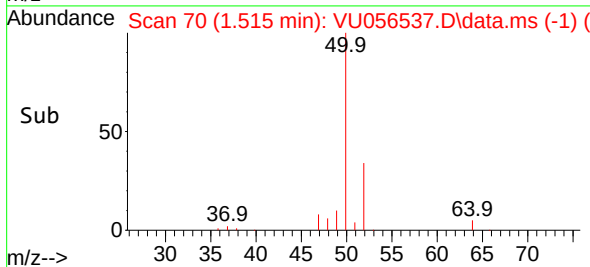
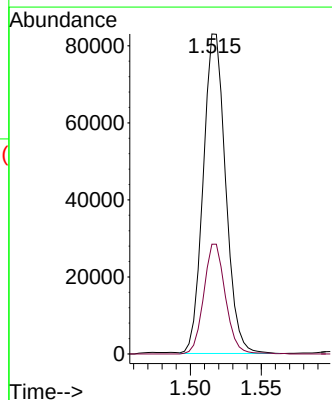
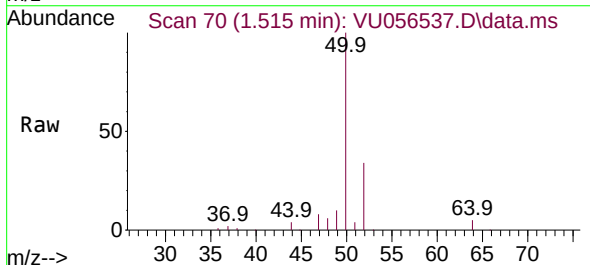
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MSVOA_U
ClientSampleId :

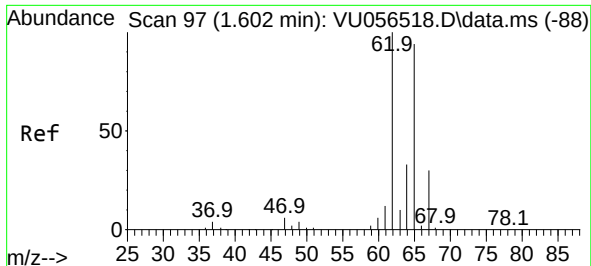
Tgt Ion: 85 Resp: 92988
Ion Ratio Lower Upper
85 100
87 32.6 25.0 37.4



#3
Chloromethane
Concen: 4.422 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion: 50 Resp: 91273
Ion Ratio Lower Upper
50 100
52 34.3 24.3 45.1

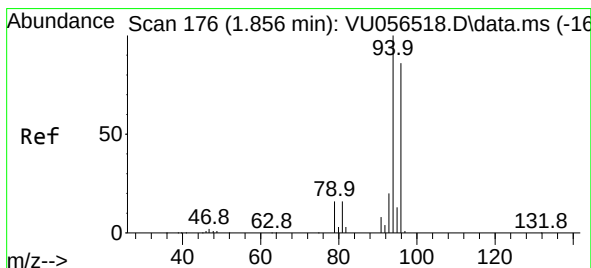
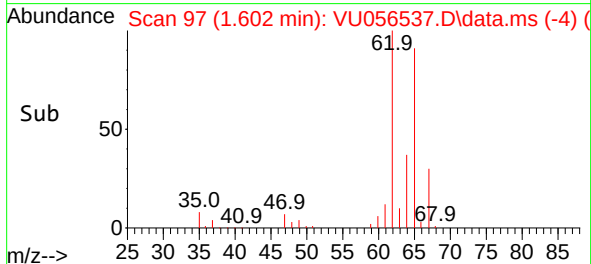
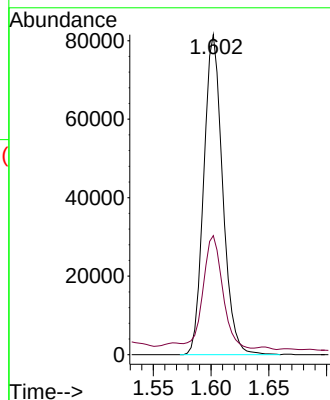
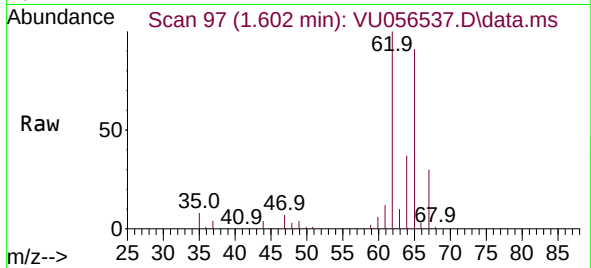




#5
 Vinyl chloride
 Concen: 4.655 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

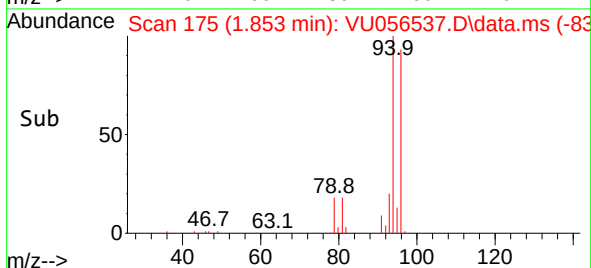
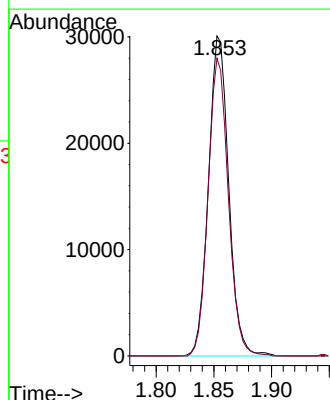
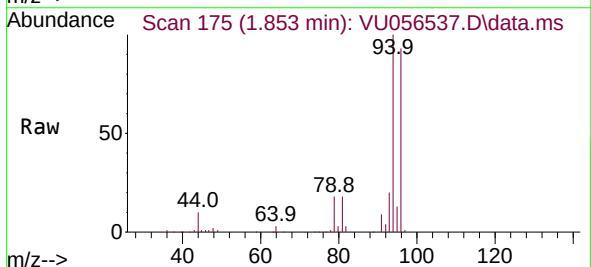
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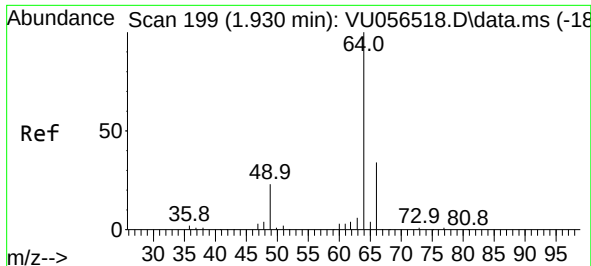
Tgt Ion: 62 Resp: 92575
 Ion Ratio Lower Upper
 62 100
 64 37.2 23.3 43.3



#6
 Bromomethane
 Concen: 3.647 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

Tgt Ion: 94 Resp: 36719
 Ion Ratio Lower Upper
 94 100
 96 93.0 62.6 116.2

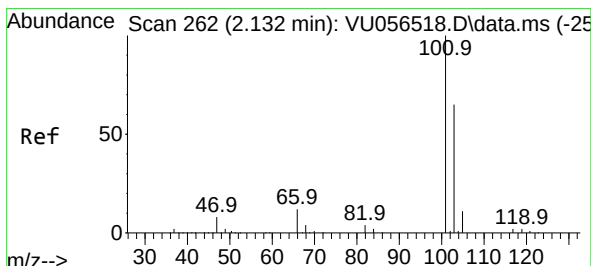
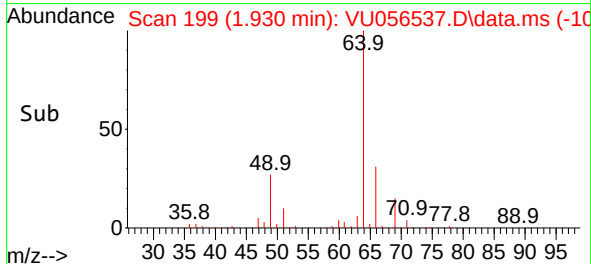
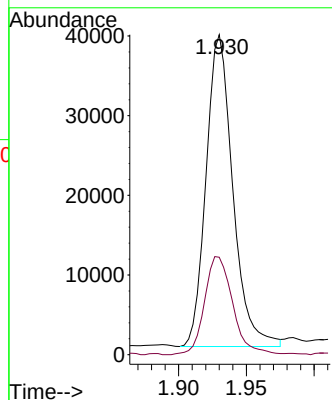
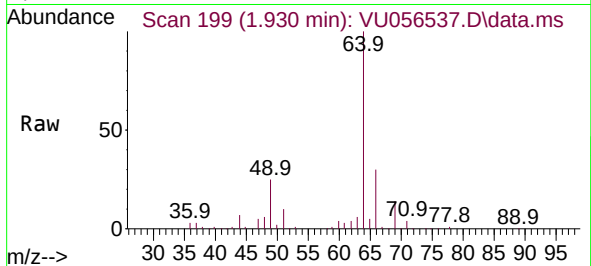




#8
Chloroethane
Concen: 4.429 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

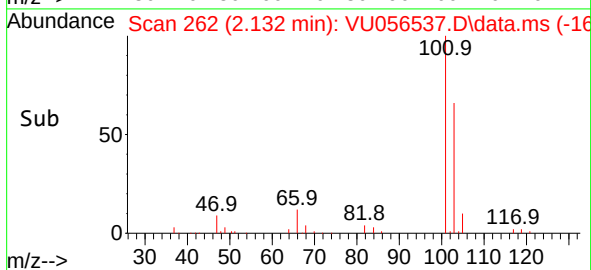
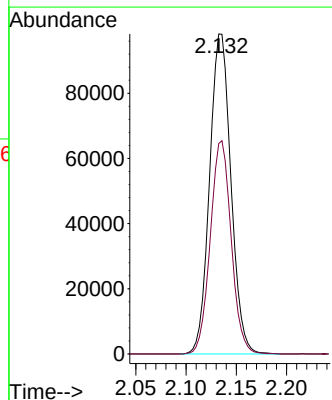
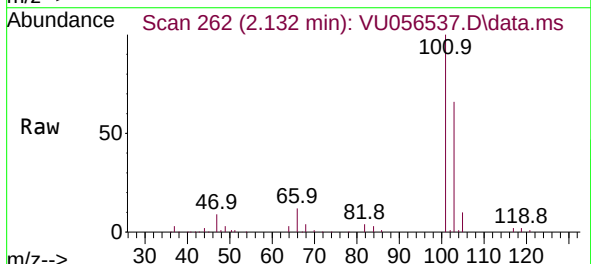
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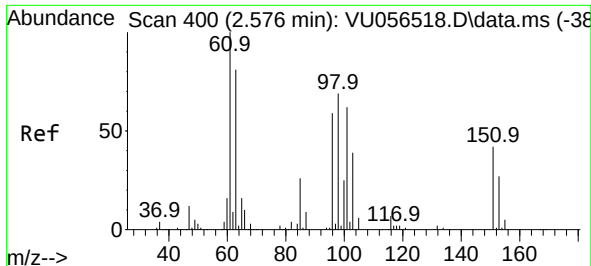
Tgt Ion: 64 Resp: 53813
Ion Ratio Lower Upper
64 100
66 30.5 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.061 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion: 101 Resp: 145068
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

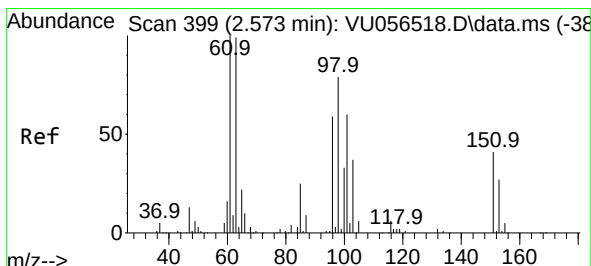
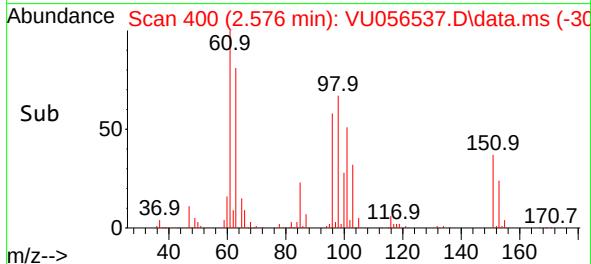
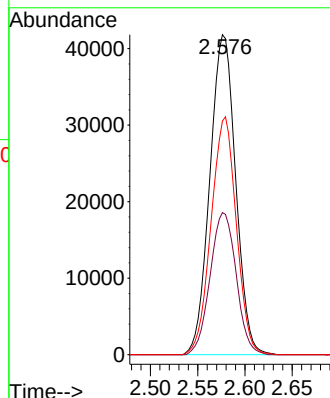
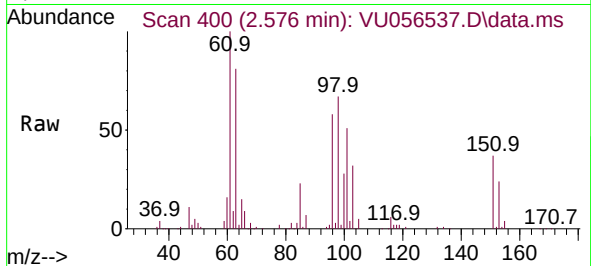




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.669 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

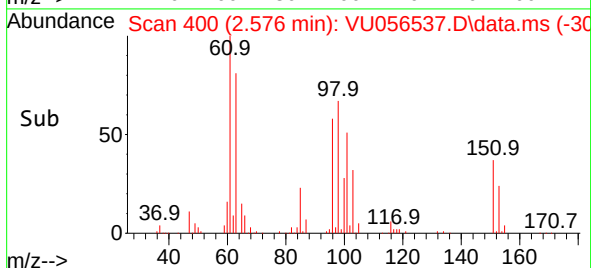
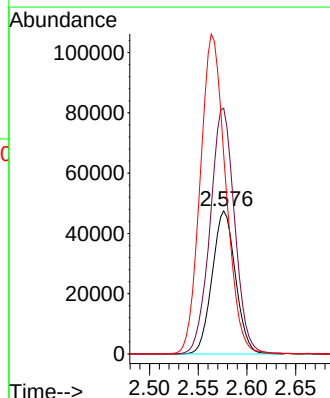
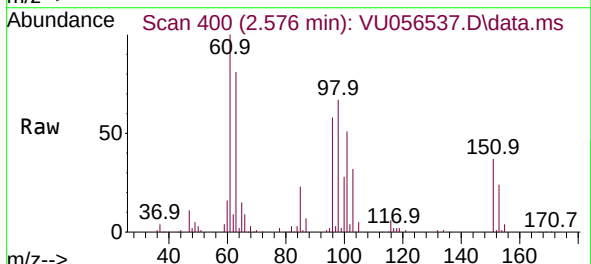
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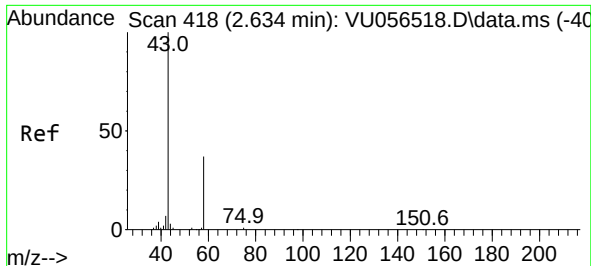
Tgt Ion:101 Resp: 79444
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.4 53.0
 151 72.8 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.059 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

Tgt Ion: 96 Resp: 78952
 Ion Ratio Lower Upper
 96 100
 61 171.8 123.1 228.7
 63 139.0 93.3 173.3





#13

Acetone

Concen: 37.566 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

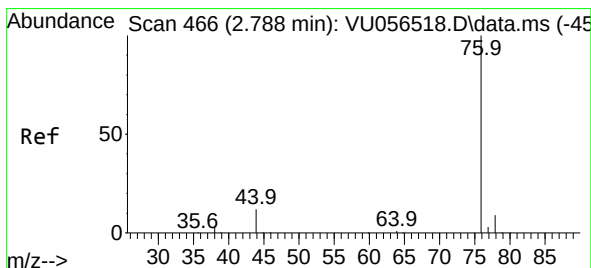
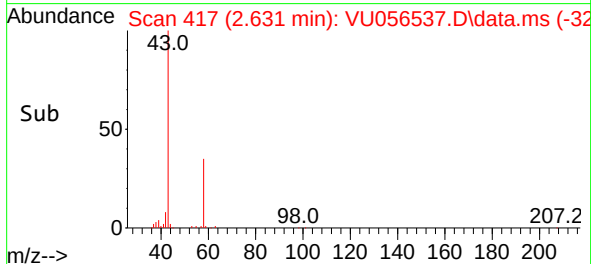
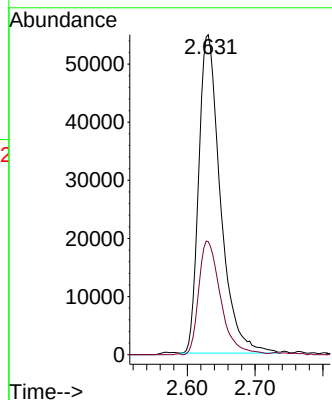
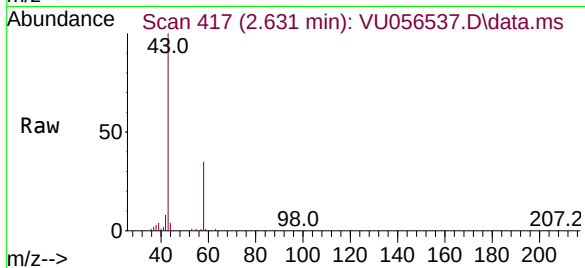
ClientSampleId :

Tgt Ion: 43 Resp: 121659

Ion Ratio Lower Upper

43 100

58 36.1 0.0 70.0



#14

Carbon disulfide

Concen: 4.329 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056537.D

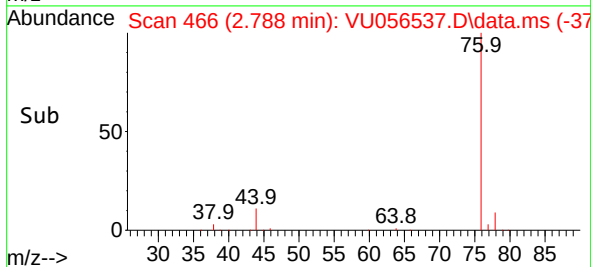
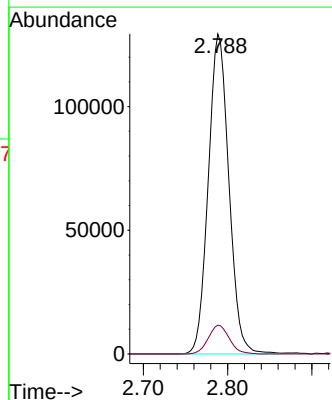
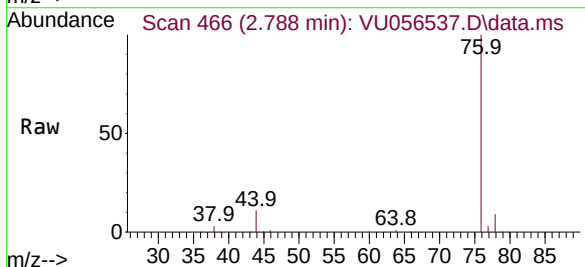
Acq: 20 Nov 2023 19:40

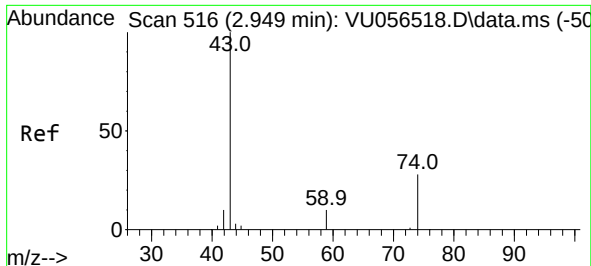
Tgt Ion: 76 Resp: 219874

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2

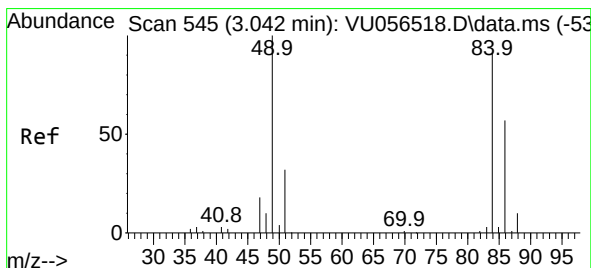
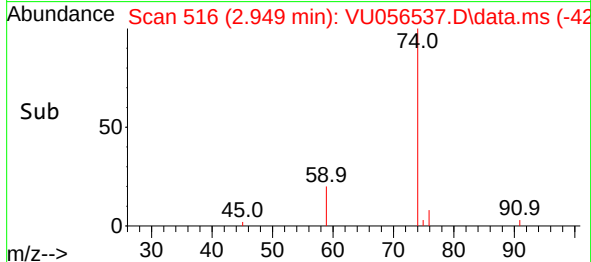
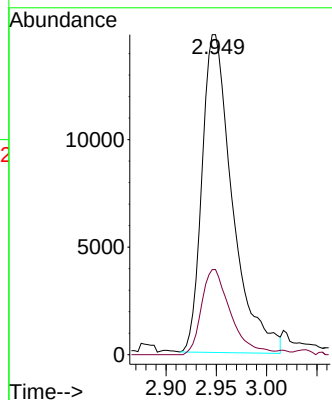
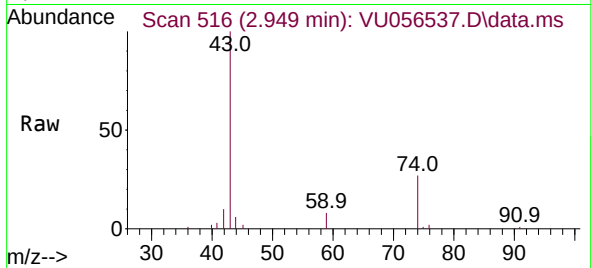




#15
Methyl Acetate
Concen: 5.393 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

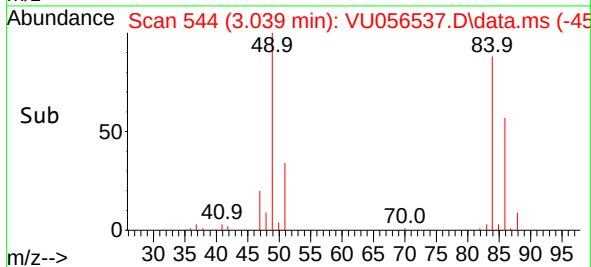
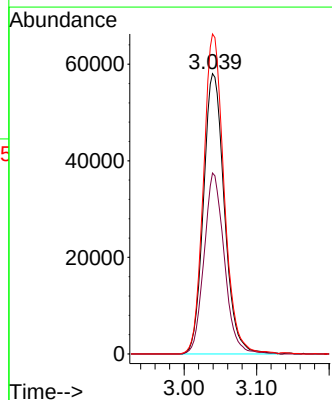
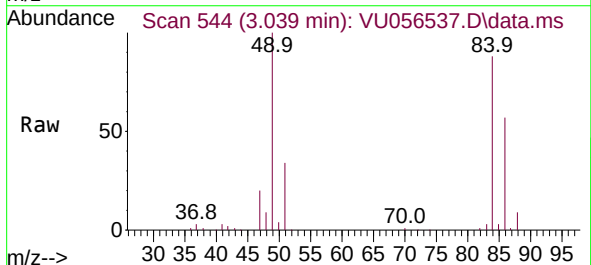
Instrument :
MSVOA_U
ClientSampleId :

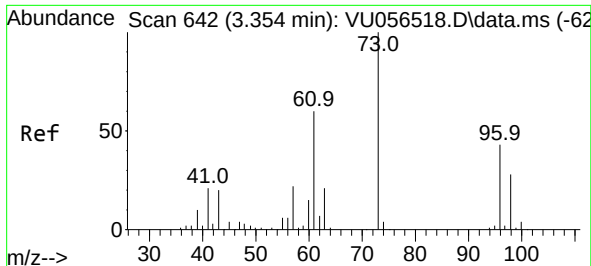
Tgt Ion: 43 Resp: 31084
Ion Ratio Lower Upper
43 100
74 25.6 20.6 31.0



#16
Methylene chloride
Concen: 5.619 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion: 84 Resp: 116054
Ion Ratio Lower Upper
84 100
86 64.6 44.7 83.1
49 114.1 81.8 152.0

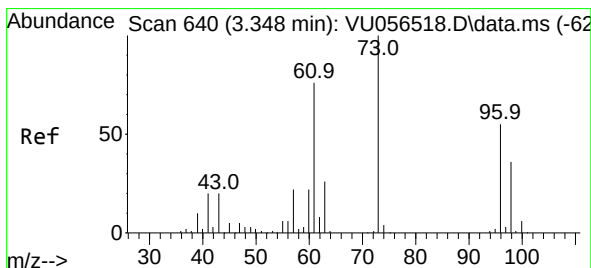
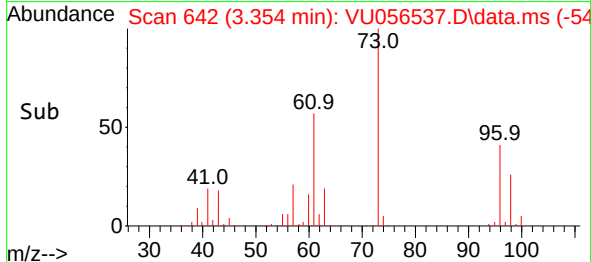
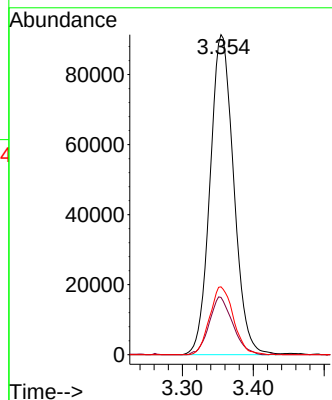
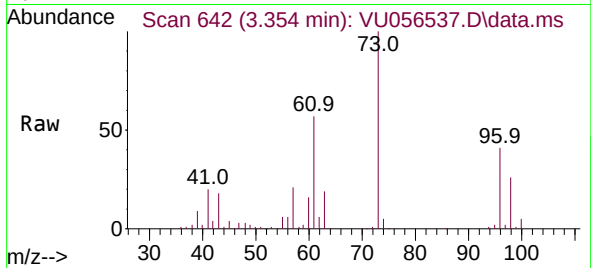




#17
Methyl tert-butyl Ether
Concen: 5.578 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

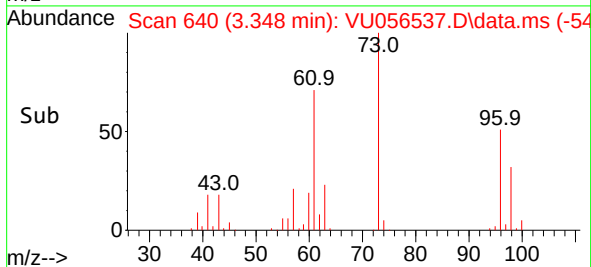
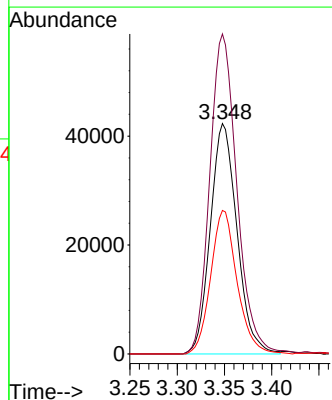
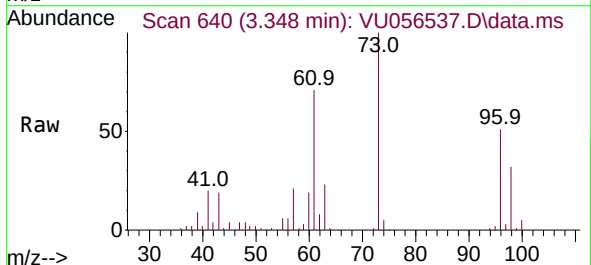
Instrument :
MSVOA_U
ClientSampleId :

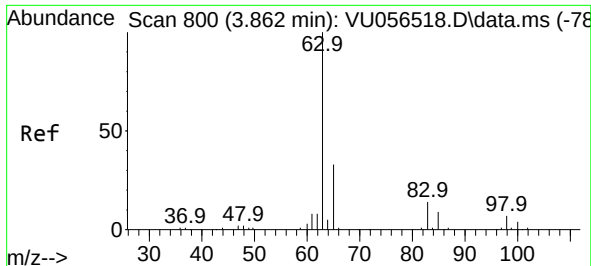
Tgt Ion: 73 Resp: 211524
Ion Ratio Lower Upper
73 100
43 17.9 15.1 22.7
57 21.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.172 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion: 96 Resp: 83049
Ion Ratio Lower Upper
96 100
61 138.9 101.7 188.9
98 62.3 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.383 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

ClientSampleId :

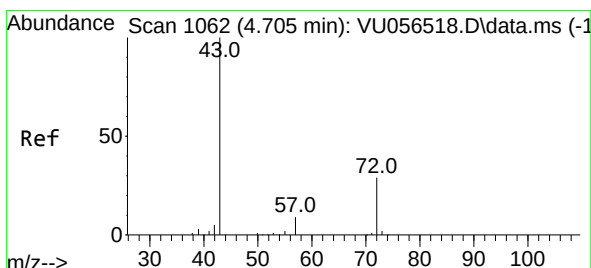
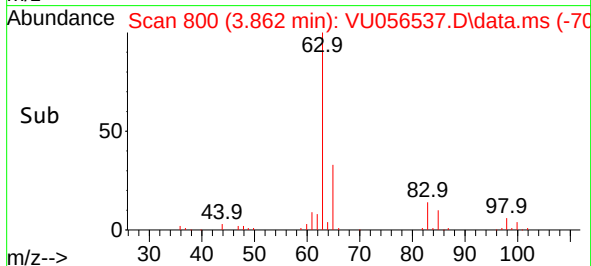
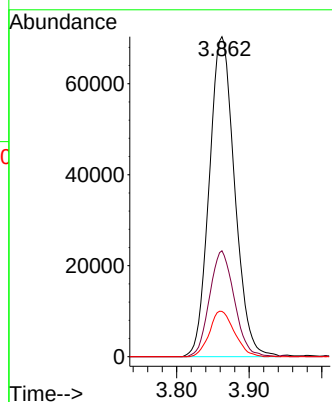
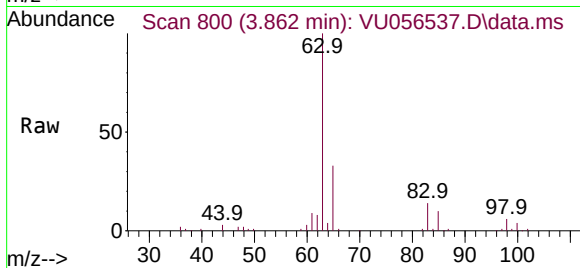
Tgt Ion: 63 Resp: 171213

Ion Ratio Lower Upper

63 100

65 33.1 21.8 40.6

83 14.1 9.7 17.9



#21

2-Butanone

Concen: 46.658 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VU056537.D

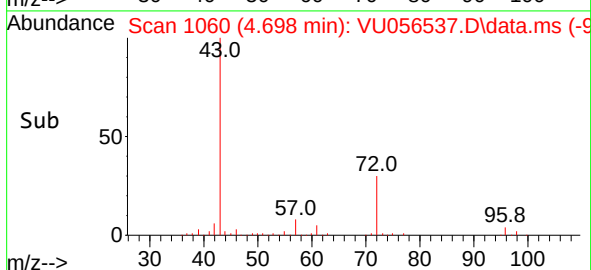
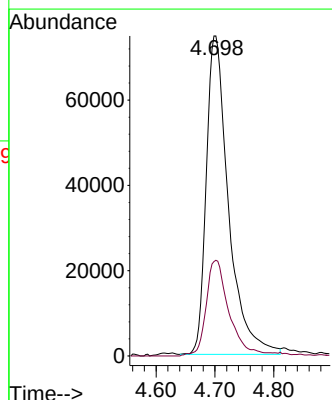
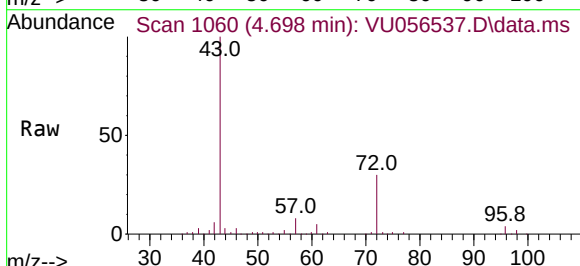
Acq: 20 Nov 2023 19:40

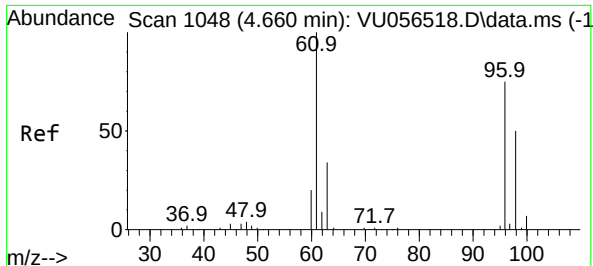
Tgt Ion: 43 Resp: 196071

Ion Ratio Lower Upper

43 100

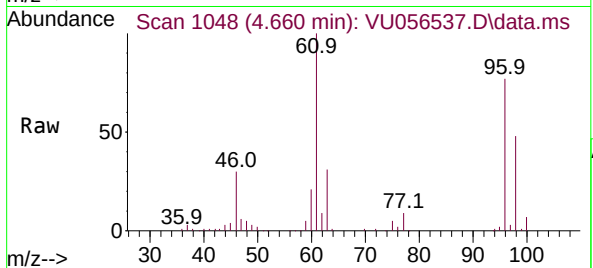
72 31.1 14.2 42.6



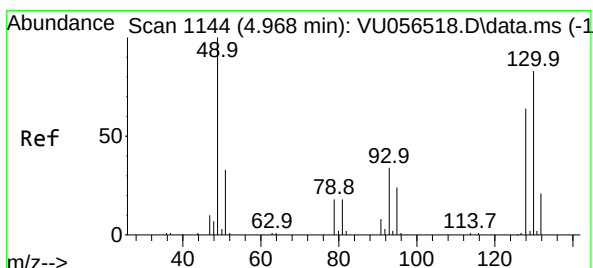
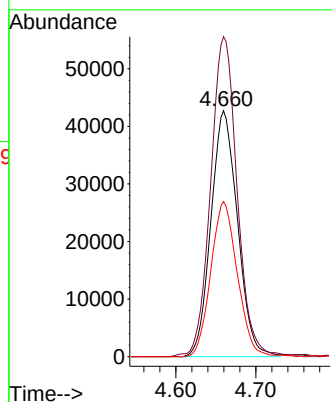
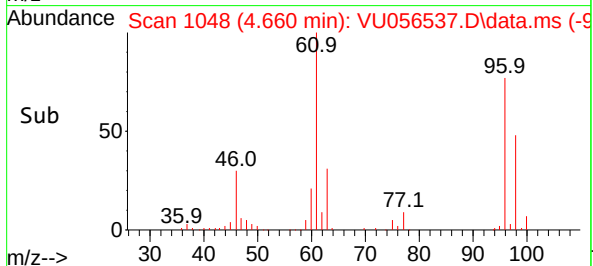


#22
 cis-1,2-Dichloroethene
 Concen: 5.423 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

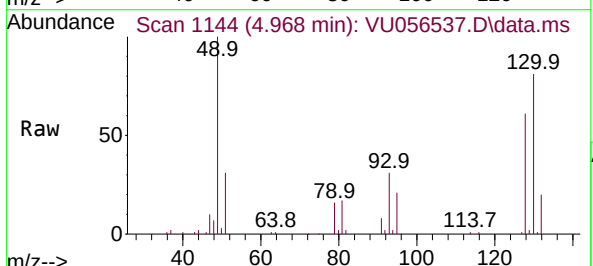
Instrument :
 MSVOA_U
 ClientSampleId :



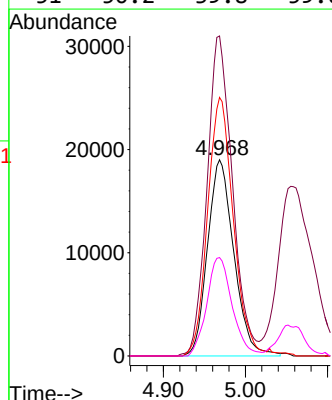
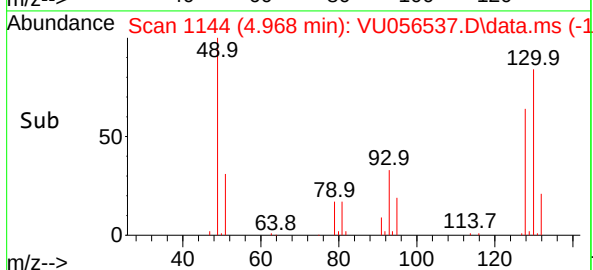
Tgt Ion: 96 Resp: 98763
 Ion Ratio Lower Upper
 96 100
 61 130.1 93.2 173.2
 98 63.1 44.8 83.2

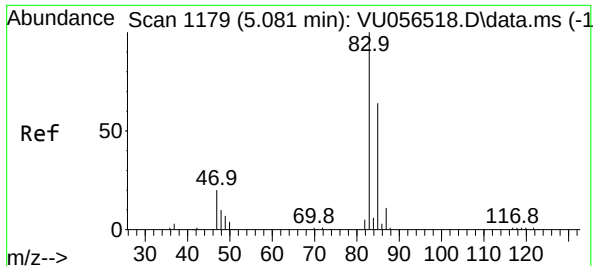


#23
 Bromochloromethane
 Concen: 5.645 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40



Tgt Ion: 128 Resp: 42309
 Ion Ratio Lower Upper
 128 100
 49 163.1 113.4 210.6
 130 131.8 84.8 157.6
 51 50.2 39.8 59.6





#25

Chloroform

Concen: 5.573 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

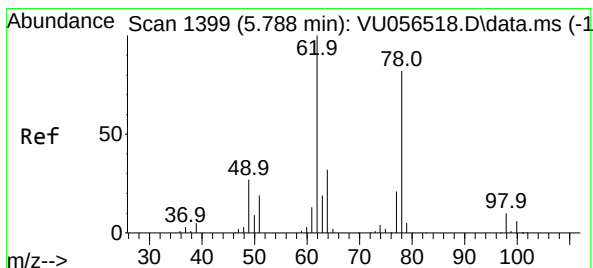
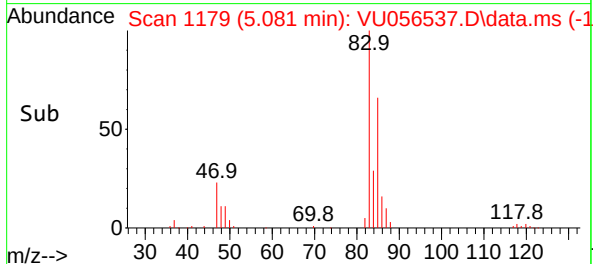
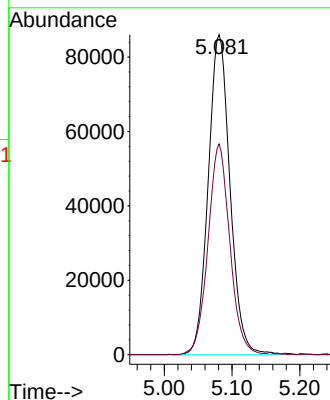
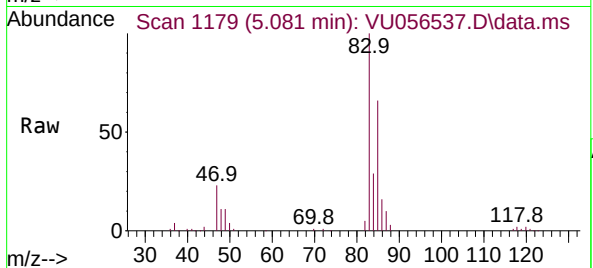
ClientSampleId :

Tgt Ion: 83 Resp: 192066

Ion Ratio Lower Upper

83 100

85 65.9 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.544 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056537.D

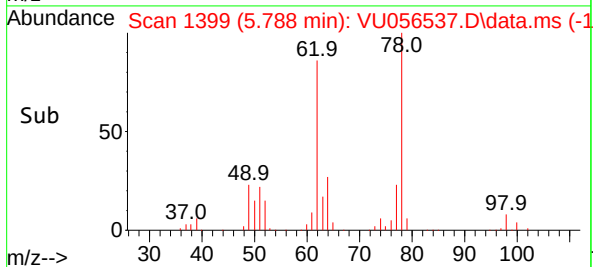
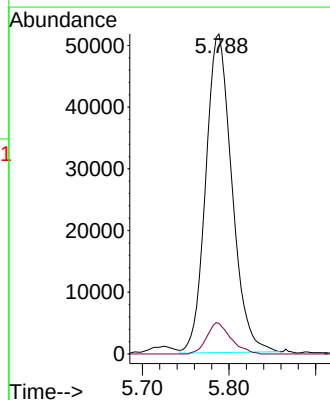
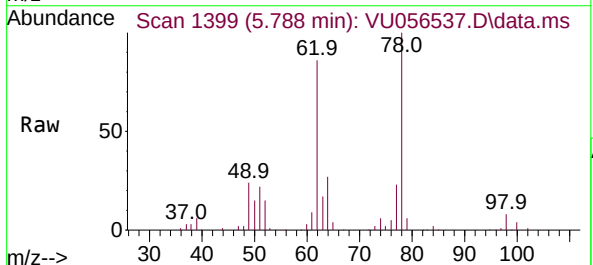
Acq: 20 Nov 2023 19:40

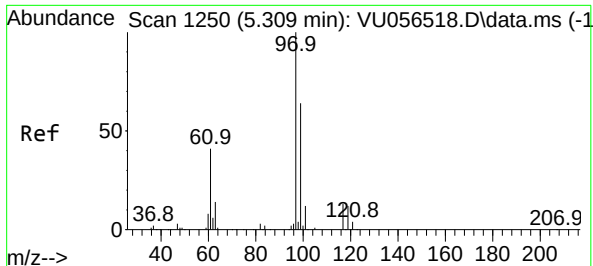
Tgt Ion: 62 Resp: 108480

Ion Ratio Lower Upper

62 100

98 9.5 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.387 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

ClientSampleId :

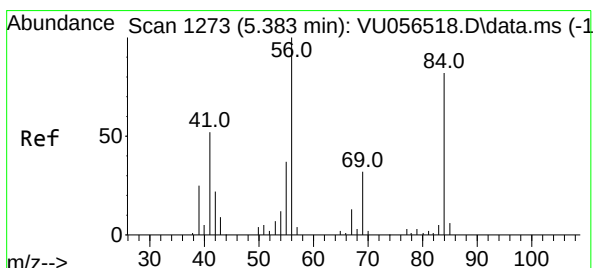
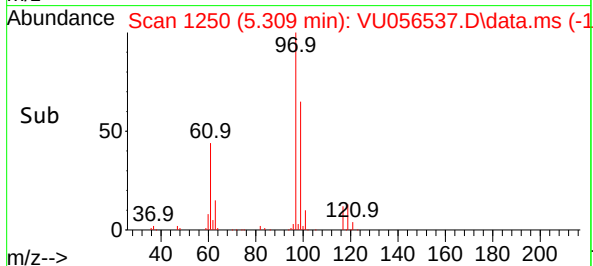
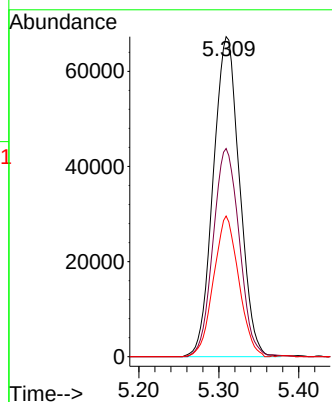
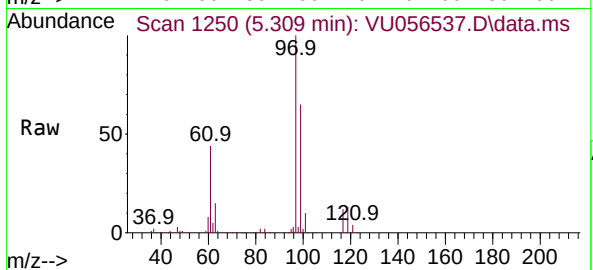
Tgt Ion: 97 Resp: 153565

Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 42.2 34.3 51.5



#30

Cyclohexane

Concen: 3.973 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

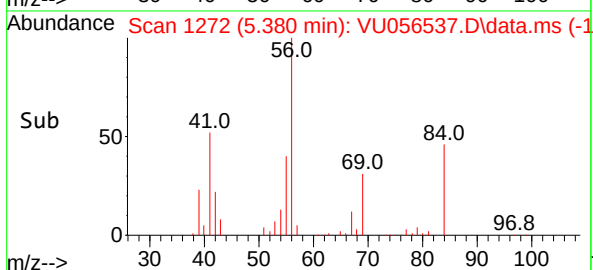
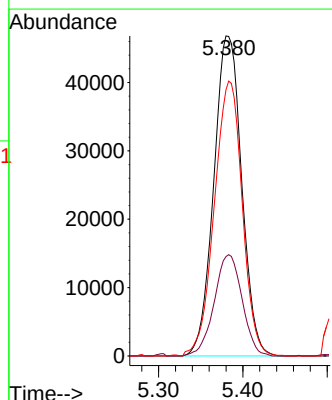
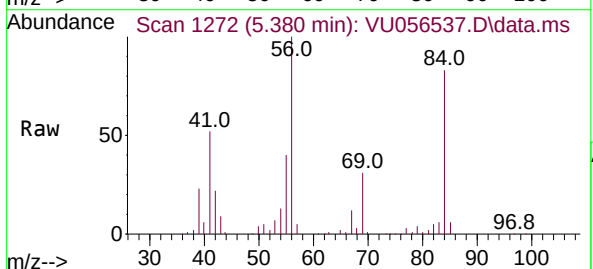
Tgt Ion: 56 Resp: 107487

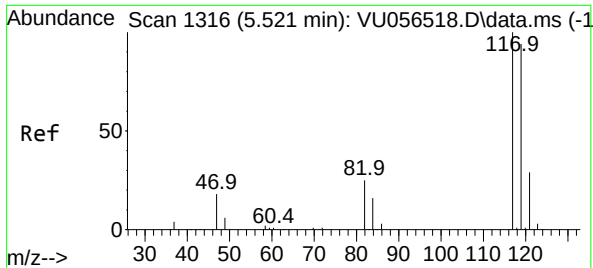
Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 86.0 68.6 103.0

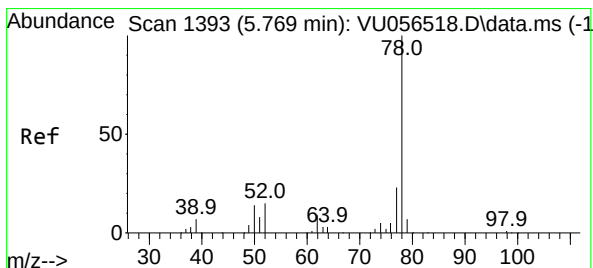
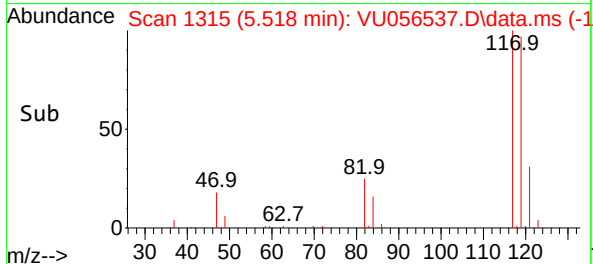
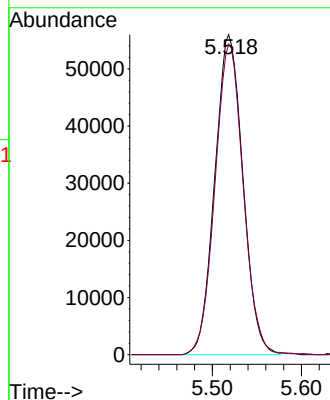
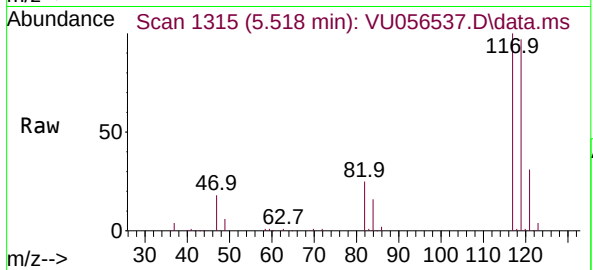




#31
Carbon tetrachloride
Concen: 5.016 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

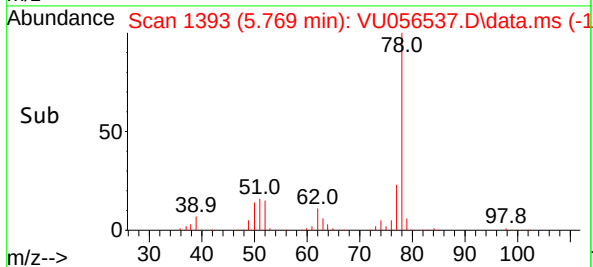
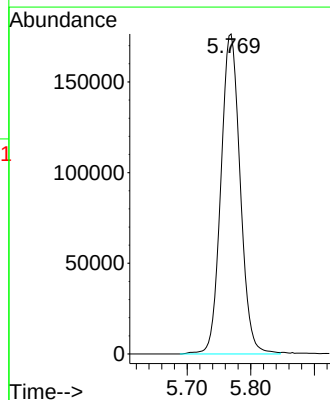
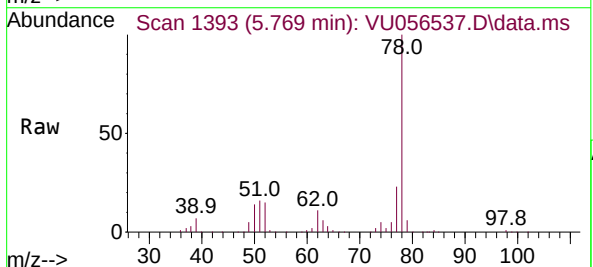
Instrument :
MSVOA_U
ClientSampleId :

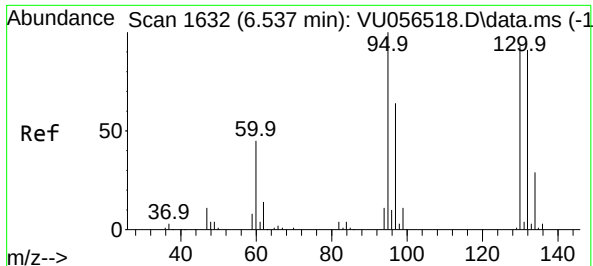
Tgt Ion:117 Resp: 122823
Ion Ratio Lower Upper
117 100
119 97.3 78.1 117.1



#33
Benzene
Concen: 5.251 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion: 78 Resp: 372085





#34

Trichloroethene

Concen: 5.183 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 100071

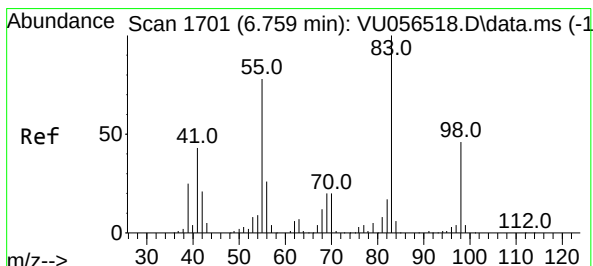
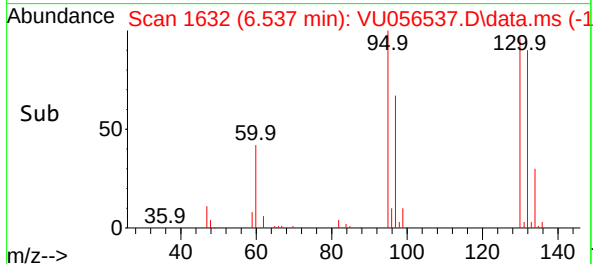
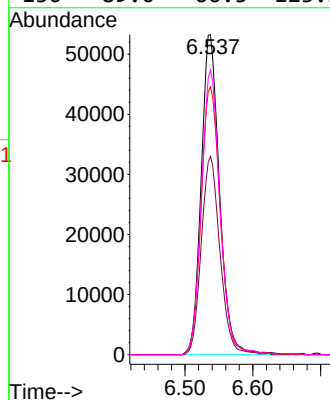
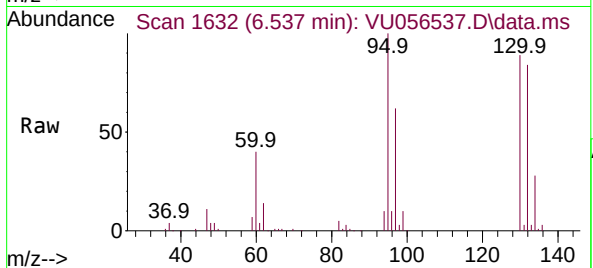
Ion Ratio Lower Upper

95 100

97 62.0 46.5 86.3

132 83.7 62.0 115.2

130 89.0 66.3 123.1



#35

Methylcyclohexane

Concen: 4.003 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

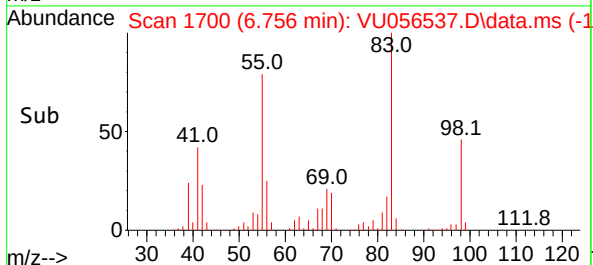
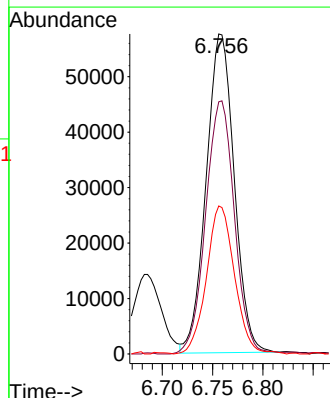
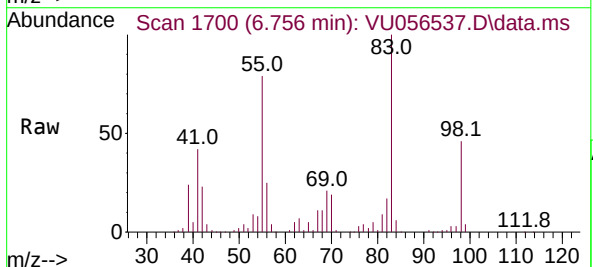
Tgt Ion: 83 Resp: 111582

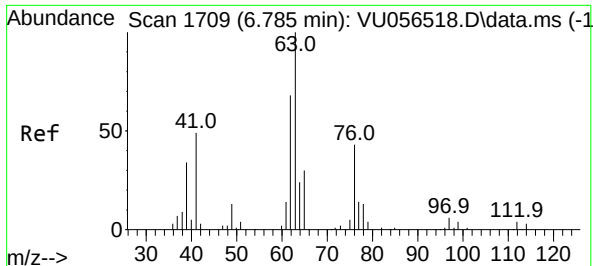
Ion Ratio Lower Upper

83 100

55 81.6 62.9 94.3

98 46.4 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.629 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

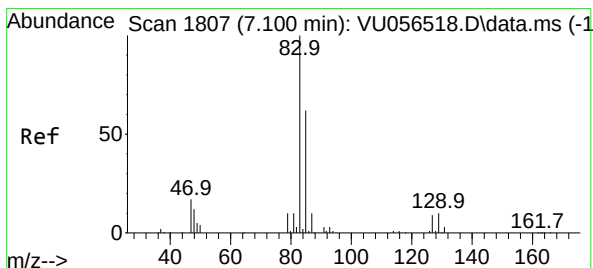
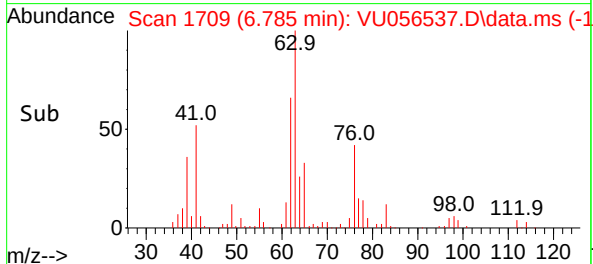
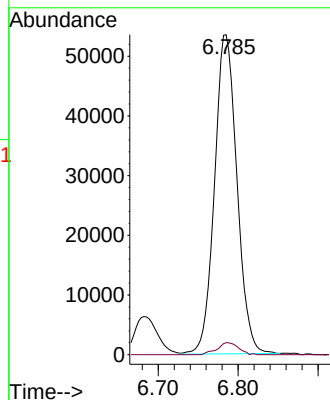
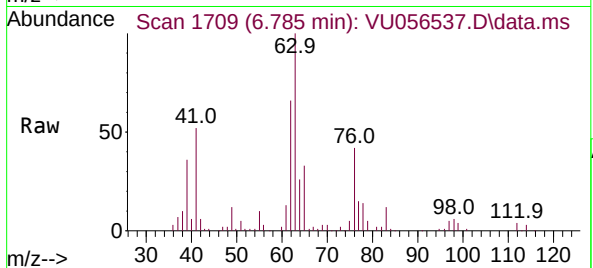
ClientSampleId :

Tgt Ion: 63 Resp: 104018

Ion Ratio Lower Upper

63 100

112 3.6 3.2 4.8



#38

Bromodichloromethane

Concen: 5.674 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

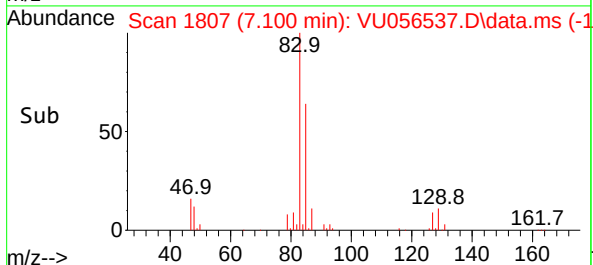
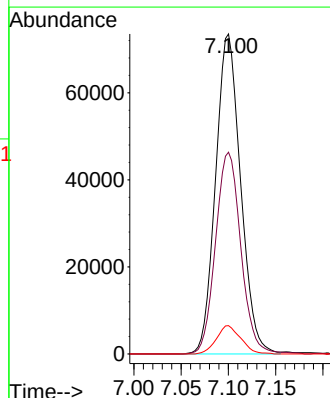
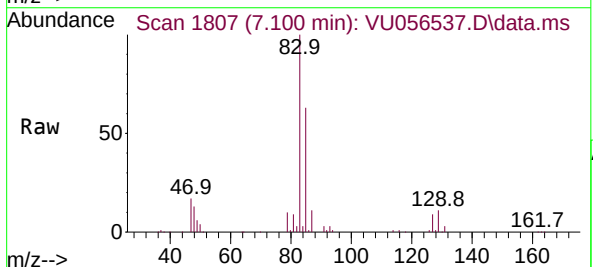
Tgt Ion: 83 Resp: 135345

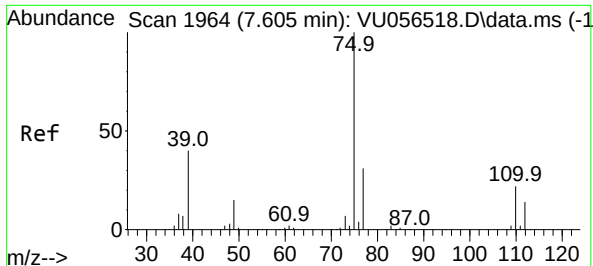
Ion Ratio Lower Upper

83 100

85 63.0 44.9 83.5

127 8.9 6.9 10.3

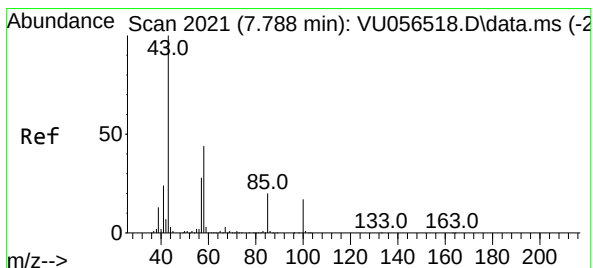
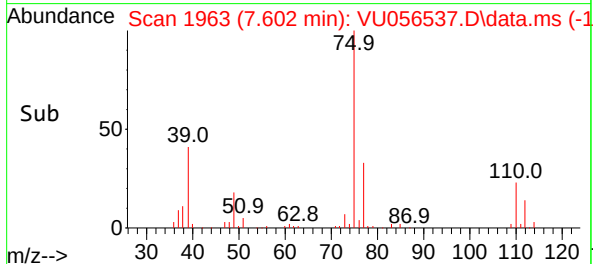
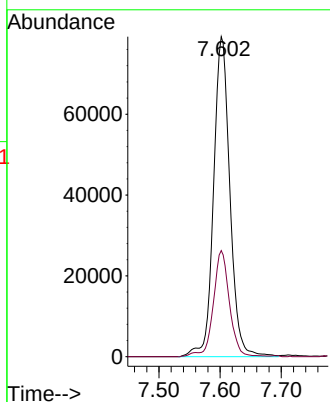
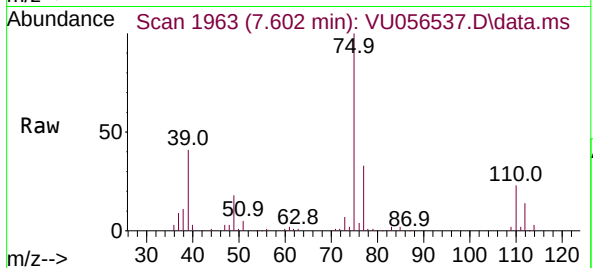




#39
 cis-1,3-Dichloropropene
 Concen: 5.422 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.003 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

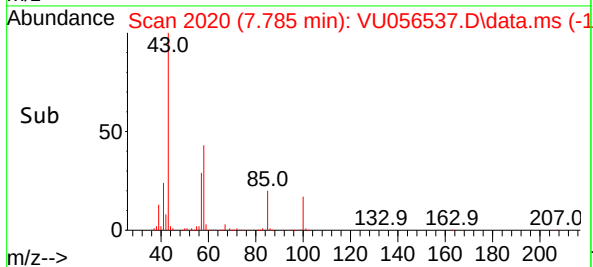
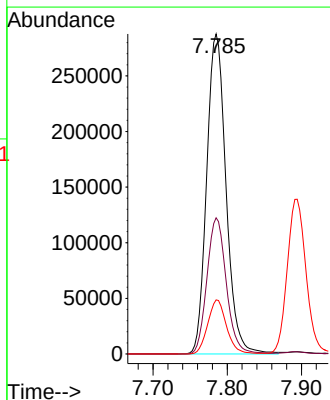
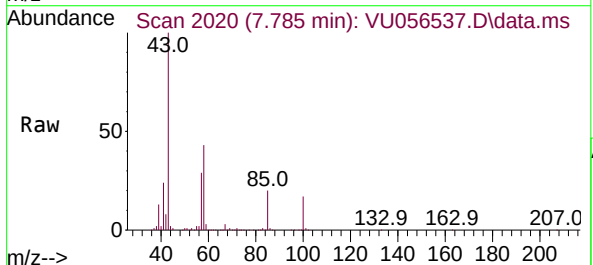
Instrument :
 MSVOA_U
 ClientSampleId :

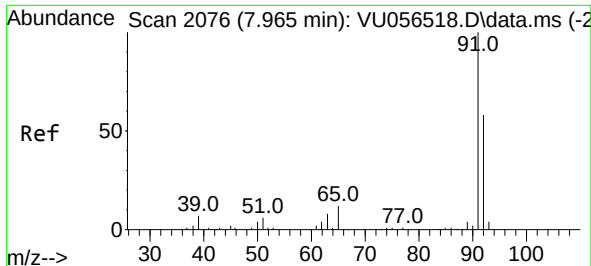
Tgt Ion: 75 Resp: 147231
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 56.884 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.003 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

Tgt Ion: 43 Resp: 521067
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.8 50.8
 100 16.4 13.0 19.4





#42

Toluene

Concen: 5.494 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

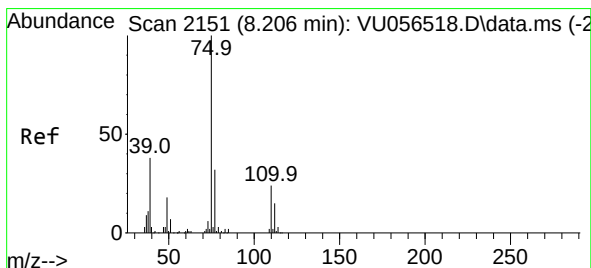
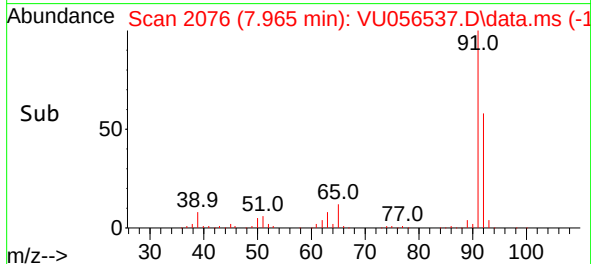
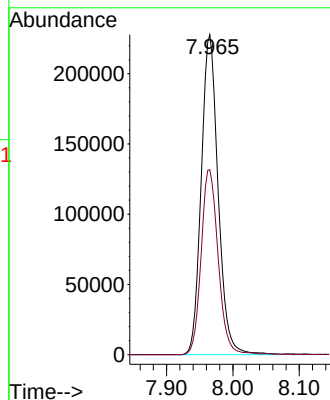
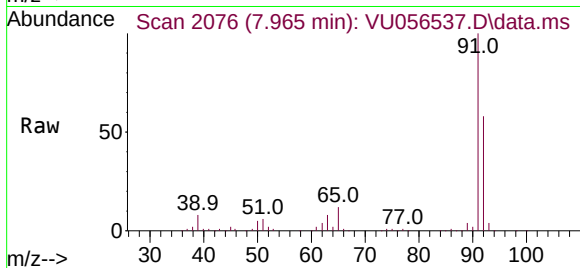
ClientSampleId :

Tgt Ion: 91 Resp: 403036

Ion Ratio Lower Upper

91 100

92 57.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.597 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU056537.D

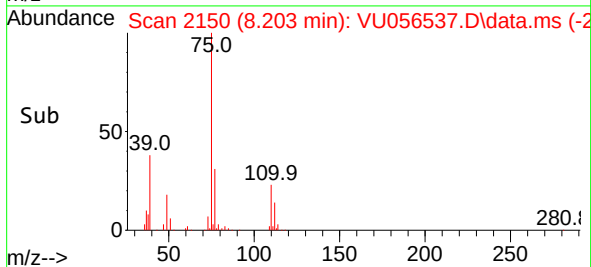
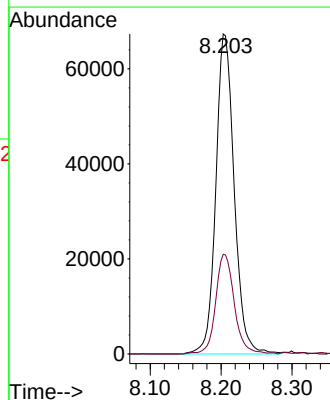
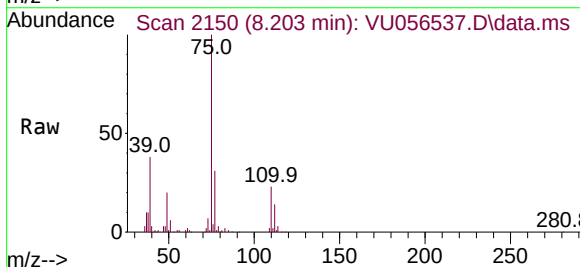
Acq: 20 Nov 2023 19:40

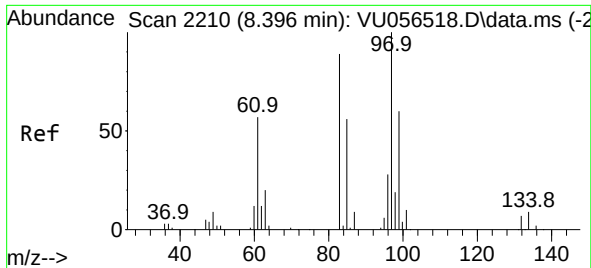
Tgt Ion: 75 Resp: 121164

Ion Ratio Lower Upper

75 100

77 31.2 22.8 42.4

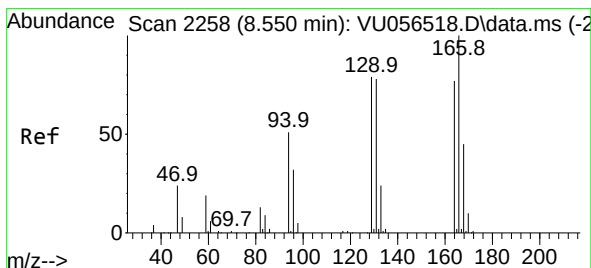
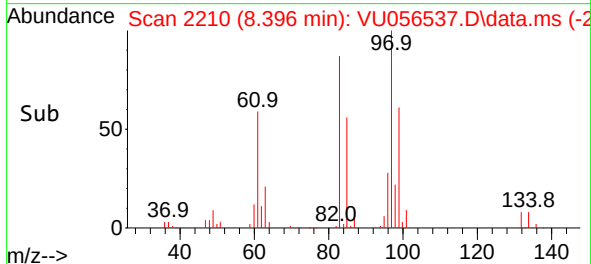
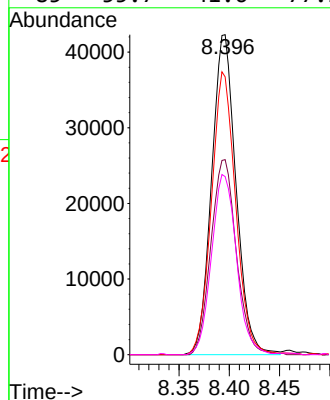
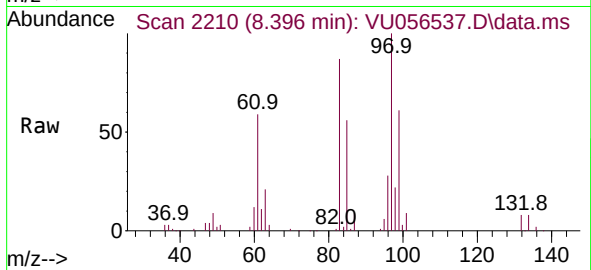




#45
1,1,2-Trichloroethane
Concen: 5.813 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

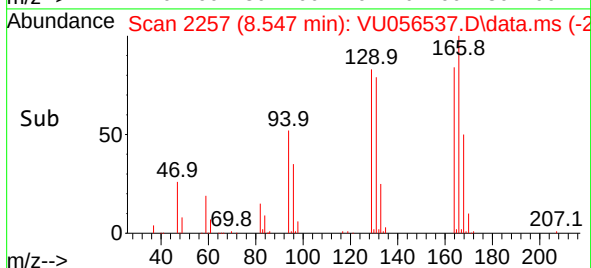
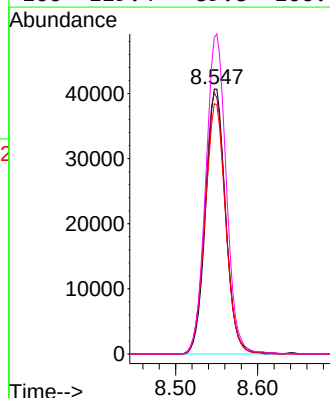
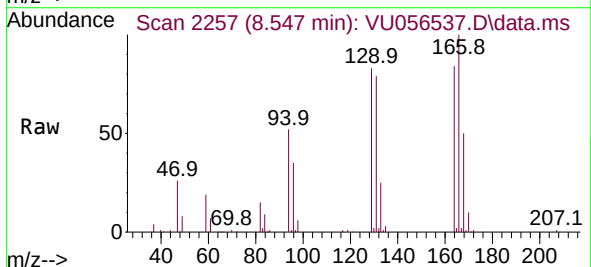
Instrument :
MSVOA_U
ClientSampleId :

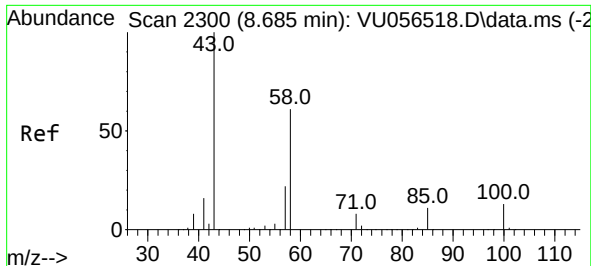
Tgt Ion:	97	Resp:	71545
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.3	82.3
83	86.8	65.4	121.4
85	55.7	41.6	77.3



#47
Tetrachloroethene
Concen: 5.288 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion:	164	Resp:	68839
Ion	Ratio	Lower	Upper
164	100		
129	98.5	71.0	131.9
131	94.4	70.3	130.7
166	119.4	89.8	166.8

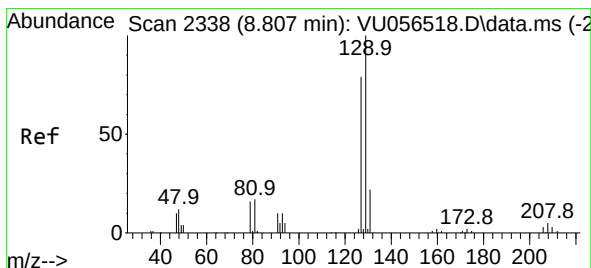
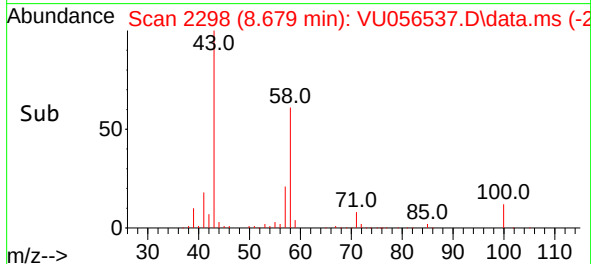
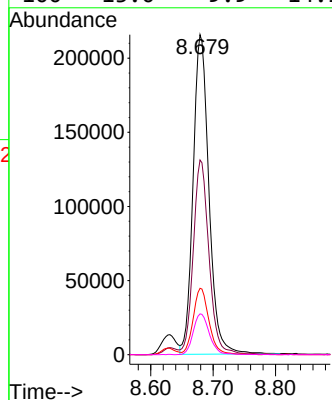
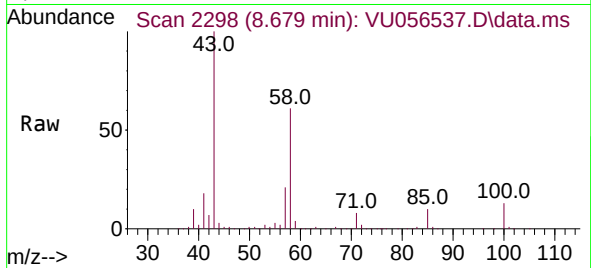




#48
2-Hexanone
Concen: 53.159 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

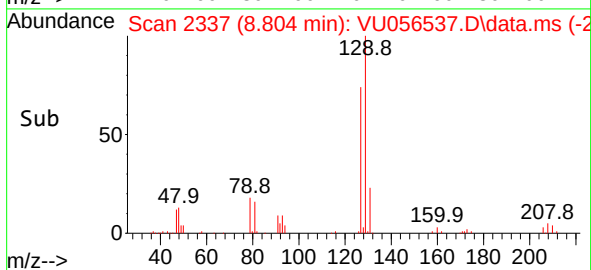
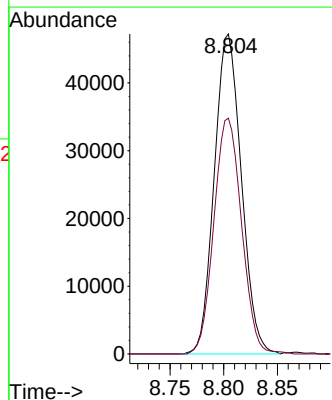
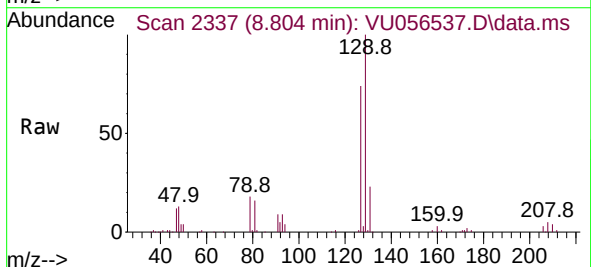
Instrument :
MSVOA_U
ClientSampleId :

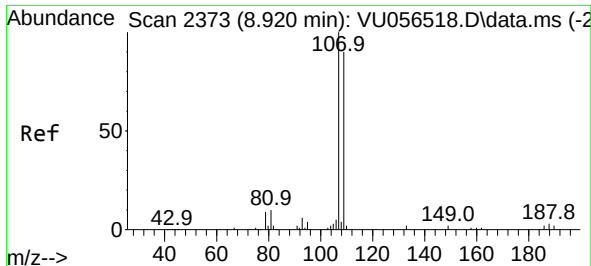
Tgt Ion: 43 Resp: 379349
Ion Ratio Lower Upper
43 100
58 59.4 48.7 73.1
57 20.9 16.8 25.2
100 13.0 9.9 14.9



#49
Dibromochloromethane
Concen: 5.916 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion:129 Resp: 82795
Ion Ratio Lower Upper
129 100
127 73.7 52.9 98.3





#50

1,2-Dibromoethane

Concen: 5.519 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056537.D

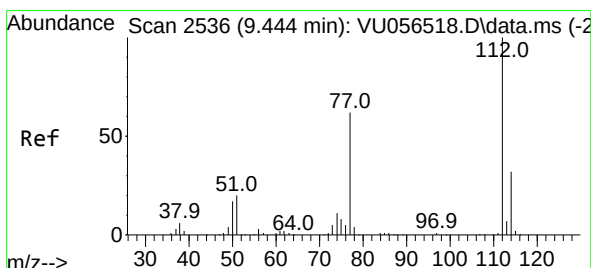
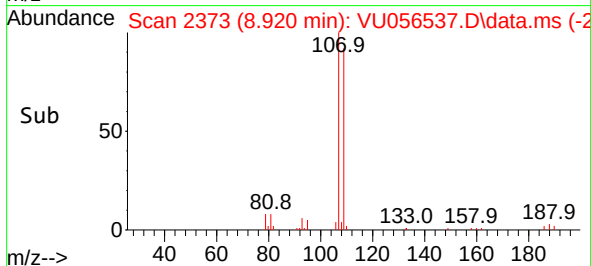
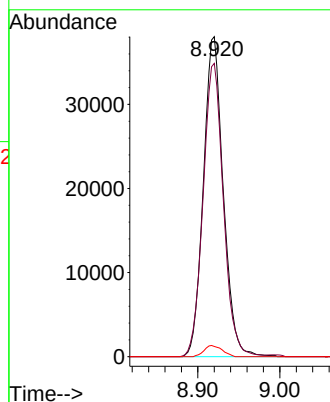
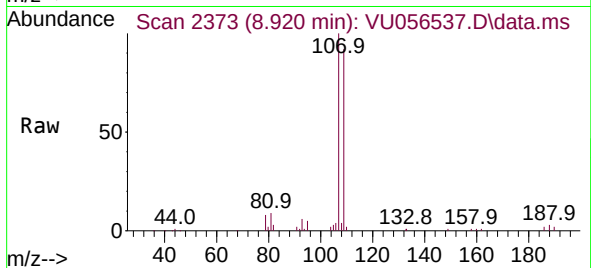
Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	64118
Ion	Ratio	Lower	Upper
107	100		
109	91.6	64.2	119.2
188	3.2	2.6	4.0



#51

Chlorobenzene

Concen: 5.238 ug/L

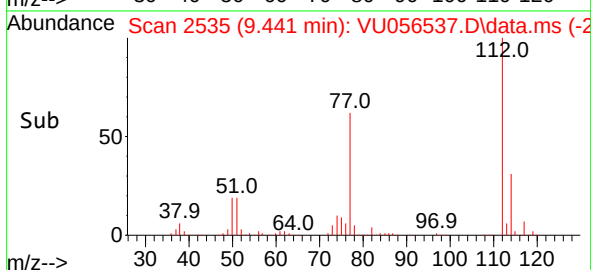
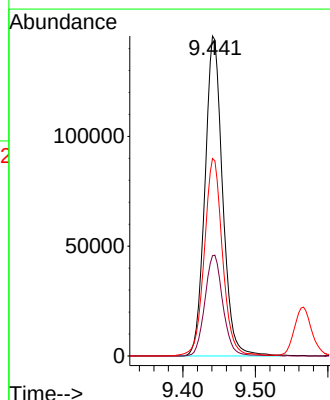
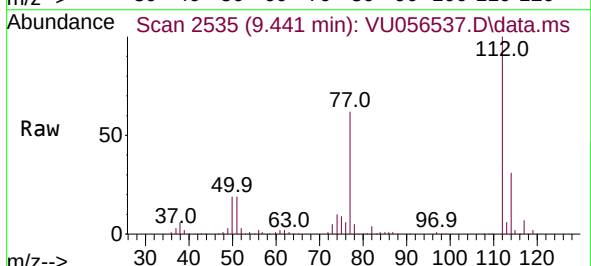
RT: 9.441 min Scan# 2535

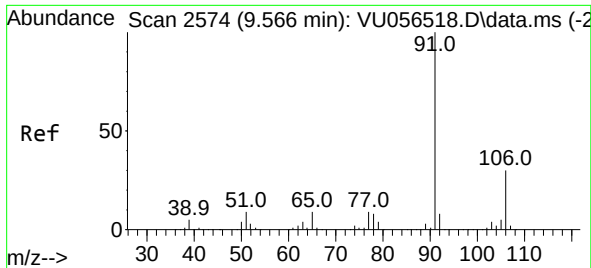
Delta R.T. -0.003 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Tgt Ion:	112	Resp:	246904
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.5	41.7
77	61.7	51.7	77.5

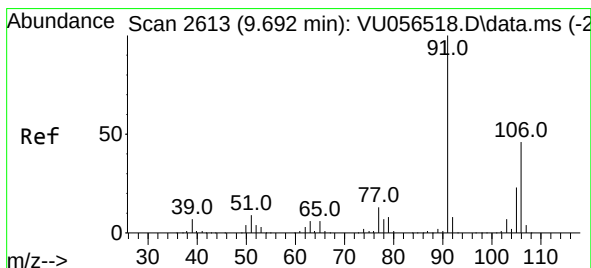
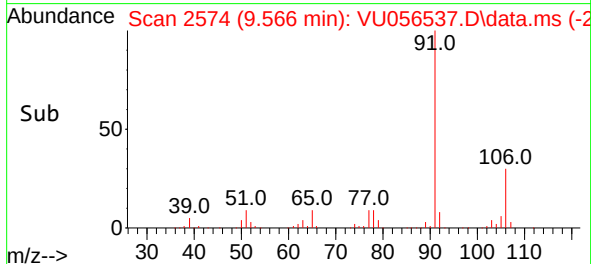
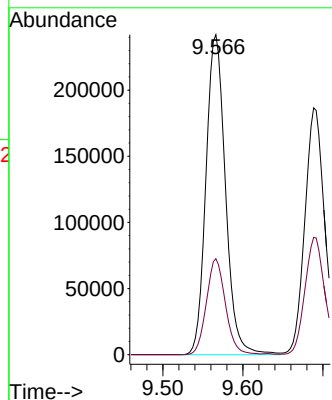
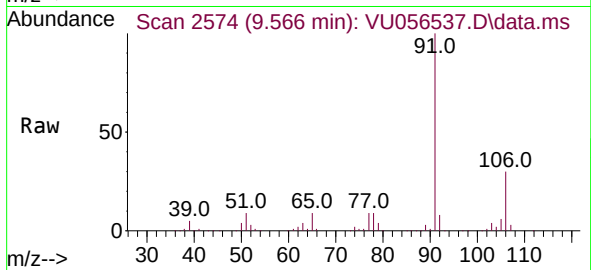




#52
Ethylbenzene
Concen: 5.044 ug/L
RT: 9.566 min Scan# 2109
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

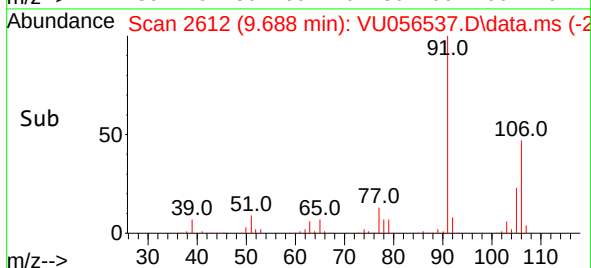
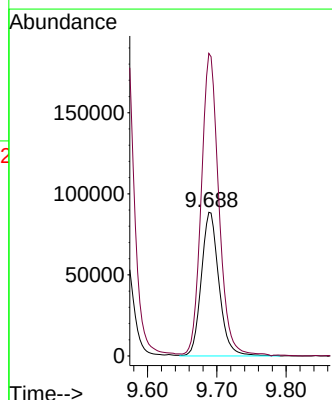
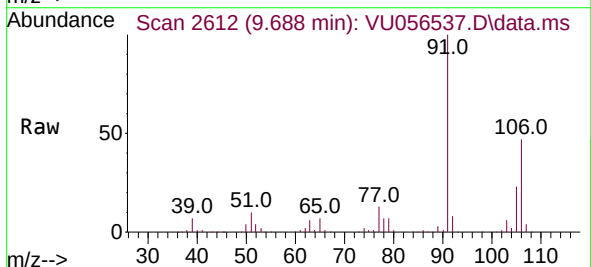
Instrument :
MSVOA_U
ClientSampleId :

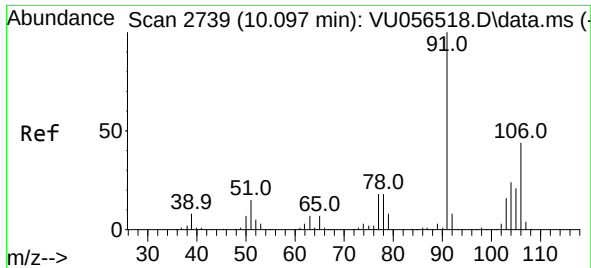
Tgt Ion: 91 Resp: 410936
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.1



#53
m,p-Xylene
Concen: 5.237 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion:106 Resp: 156839
Ion Ratio Lower Upper
106 100
91 210.6 149.6 277.8

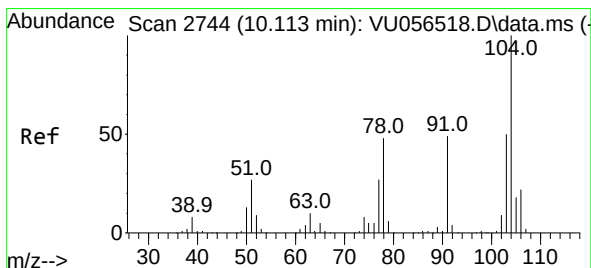
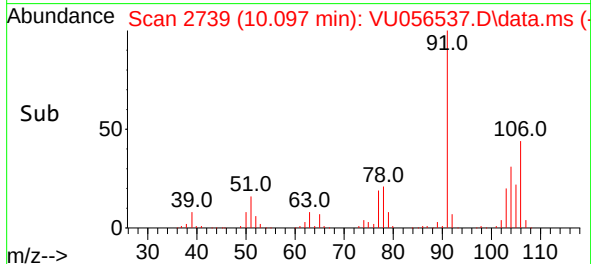
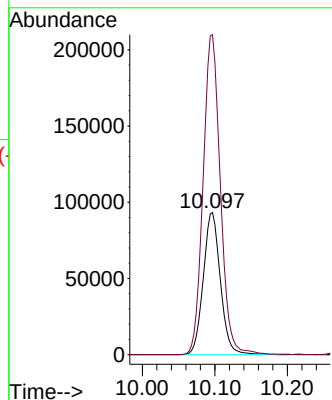
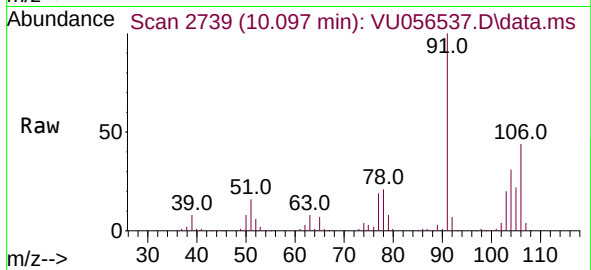




#54
o-Xylene
Concen: 5.246 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

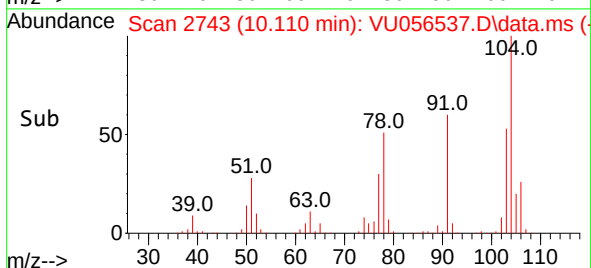
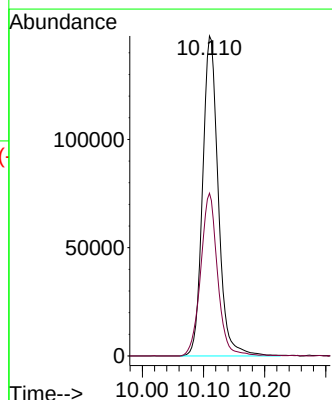
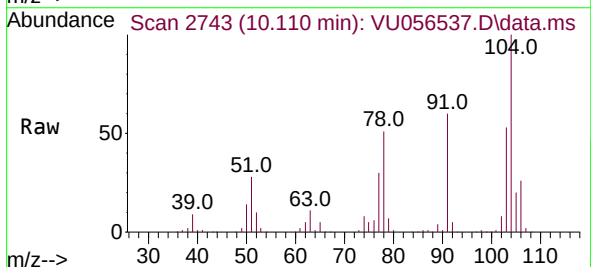
Instrument :
MSVOA_U
ClientSampleId :

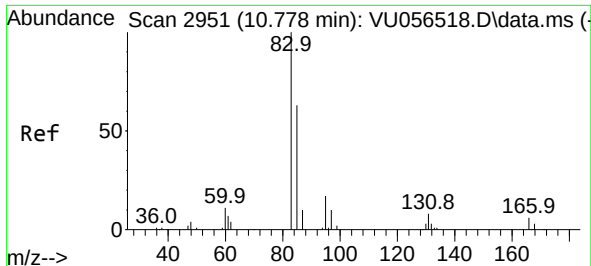
Tgt Ion:106 Resp: 152604
Ion Ratio Lower Upper
106 100
91 225.3 159.3 295.9



#55
Styrene
Concen: 5.438 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion:104 Resp: 263135
Ion Ratio Lower Upper
104 100
78 50.9 34.2 63.6

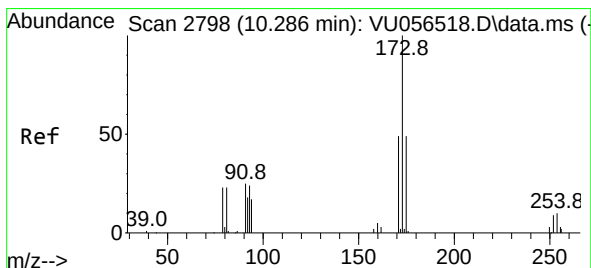
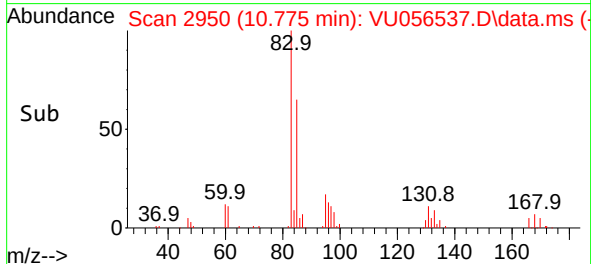
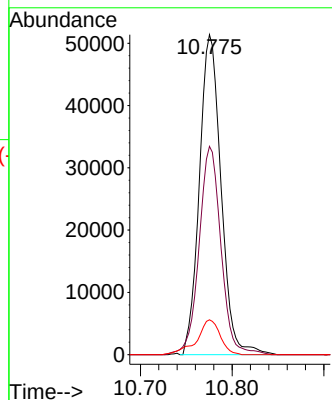
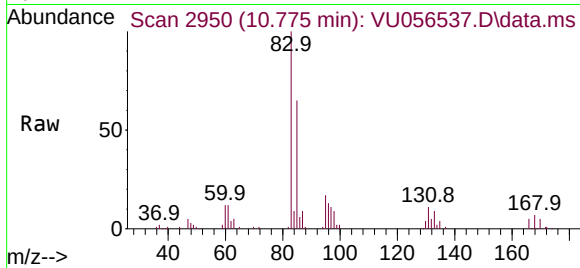




#57
1,1,2,2-Tetrachloroethane
Concen: 5.615 ug/L
RT: 10.775 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

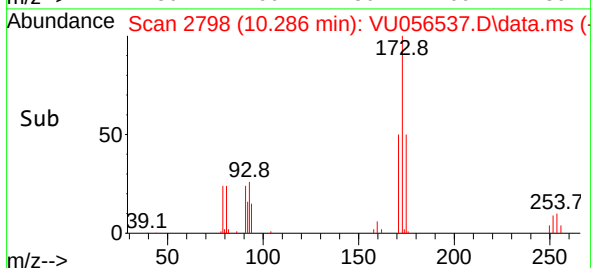
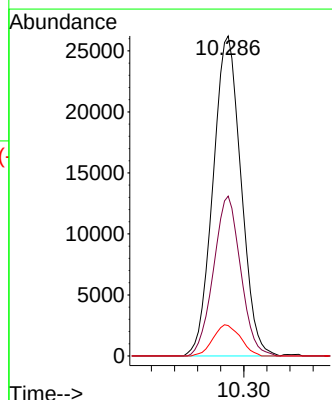
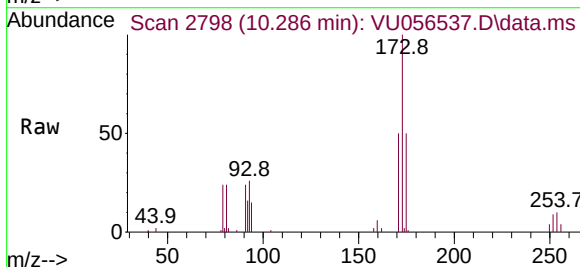
Instrument :
MSVOA_U
ClientSampleId :

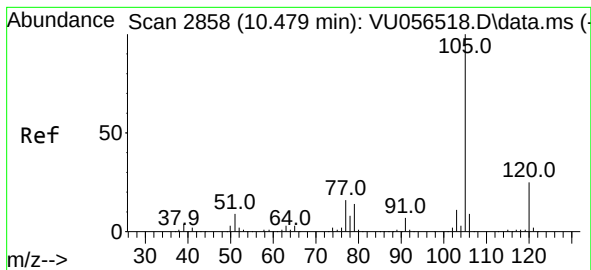
Tgt Ion: 83 Resp: 84377
Ion Ratio Lower Upper
83 100
85 65.1 46.3 86.1
131 10.9 6.7 10.1#



#59
Bromoform
Concen: 5.673 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion:173 Resp: 44089
Ion Ratio Lower Upper
173 100
175 48.4 38.9 58.3
254 9.5 6.7 10.1





#60

Isopropylbenzene

Concen: 4.932 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

ClientSampleId :

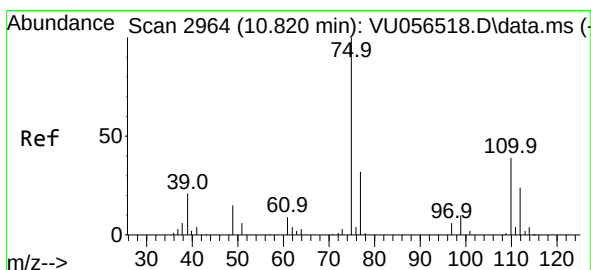
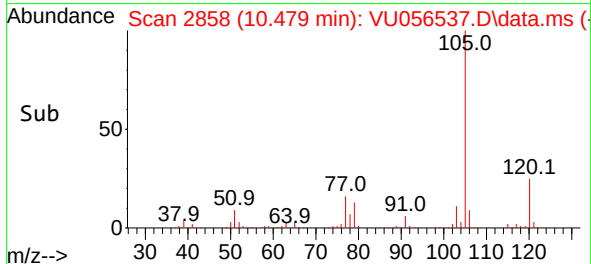
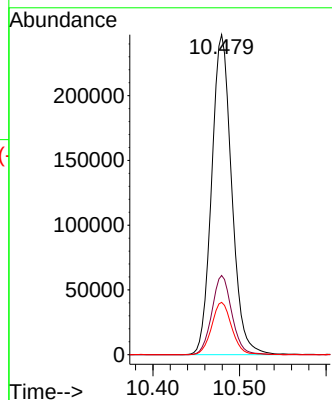
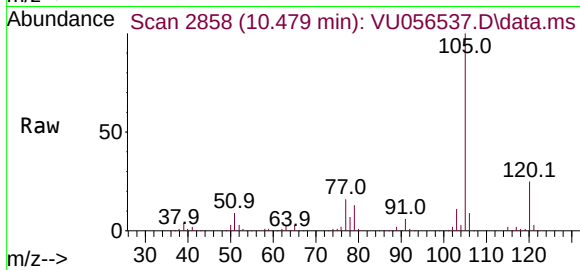
Tgt Ion:105 Resp: 396888

Ion Ratio Lower Upper

105 100

120 24.7 20.4 30.6

77 16.4 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.538 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

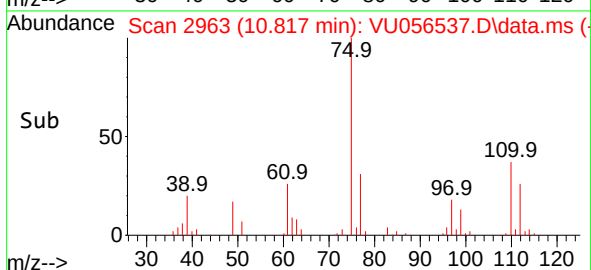
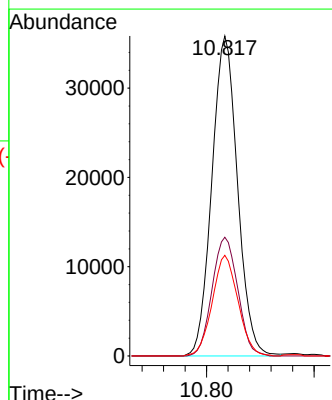
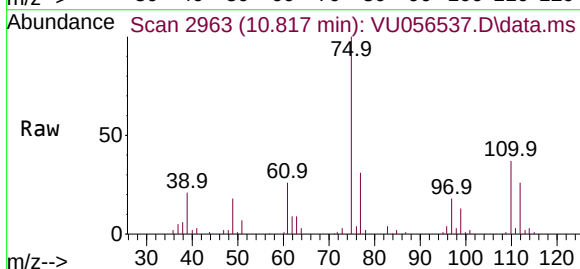
Tgt Ion: 75 Resp: 59293

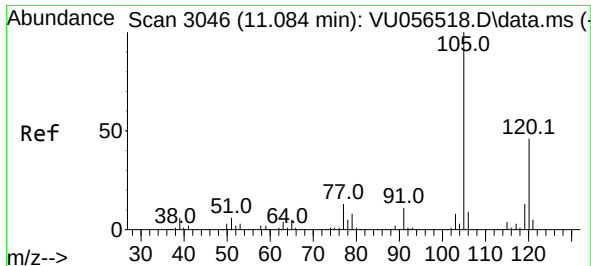
Ion Ratio Lower Upper

75 100

110 37.2 30.4 45.6

77 31.6 27.0 40.6

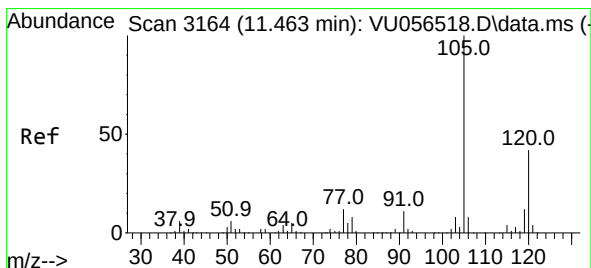
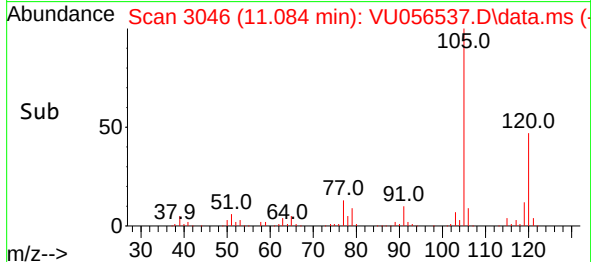
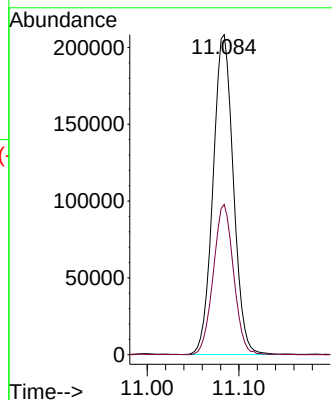
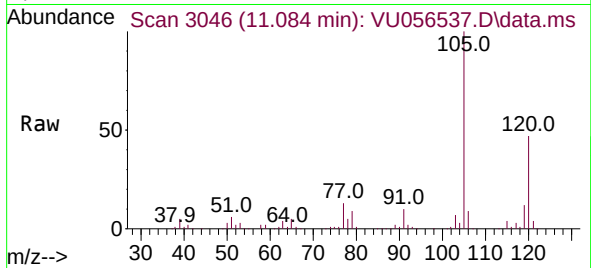




#62
1,3,5-Trimethylbenzene
Concen: 4.850 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

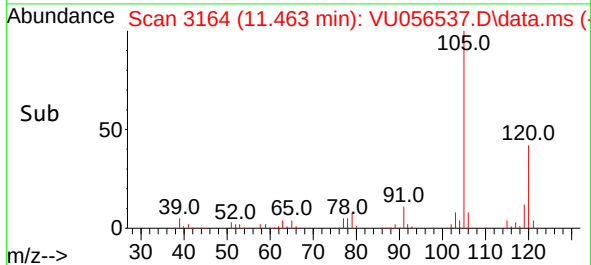
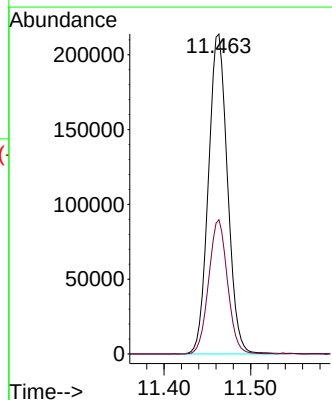
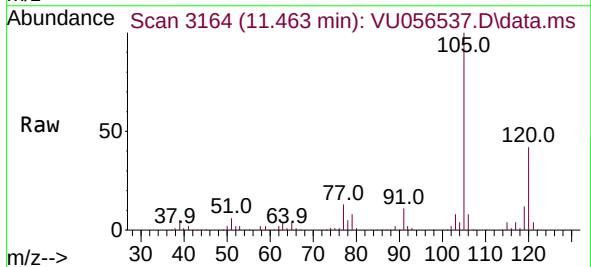
Instrument :
MSVOA_U
ClientSampleId :

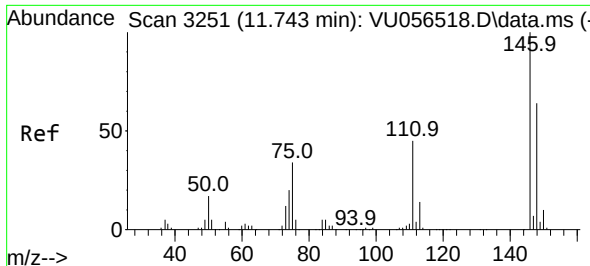
Tgt Ion:105 Resp: 320429
Ion Ratio Lower Upper
105 100
120 47.0 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.024 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion:105 Resp: 327654
Ion Ratio Lower Upper
105 100
120 41.5 34.0 51.0

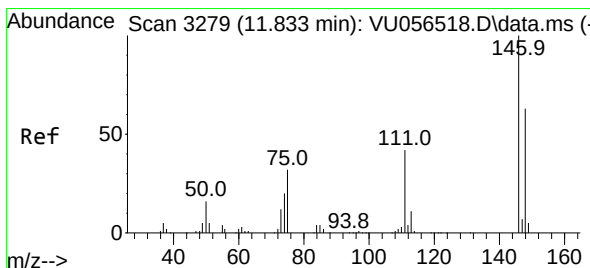
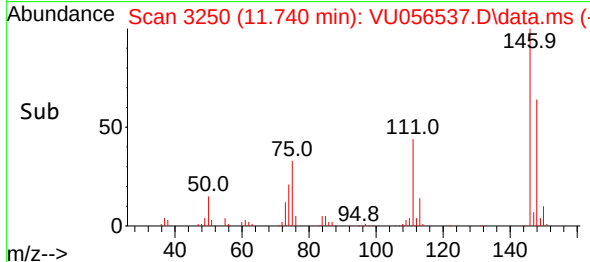
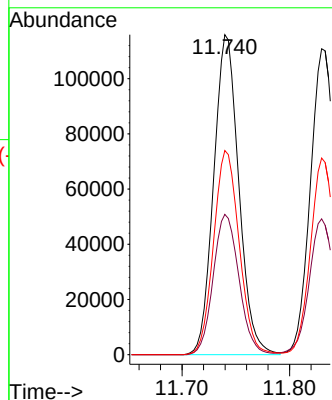
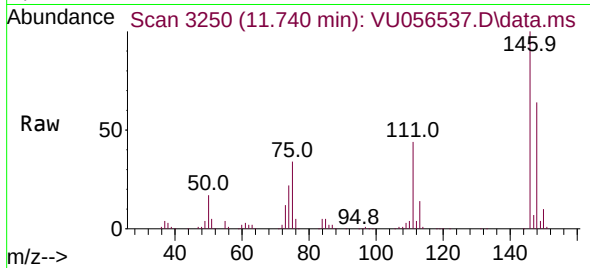




#64
1,3-Dichlorobenzene
Concen: 5.143 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

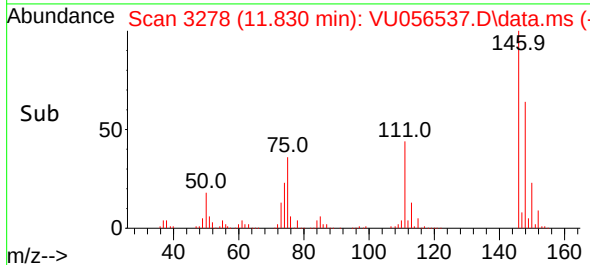
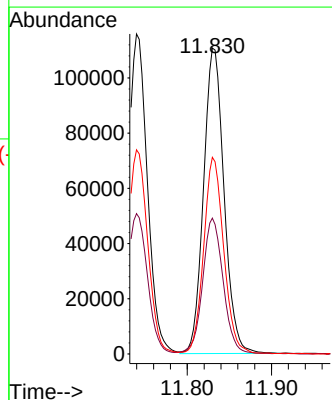
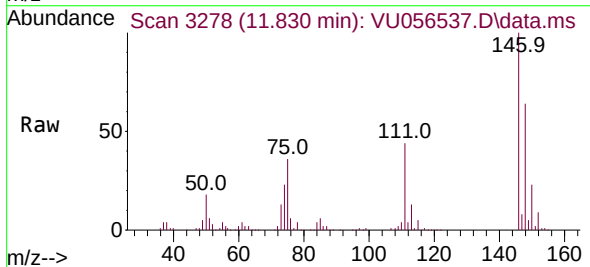
Instrument :
MSVOA_U
ClientSampleId :

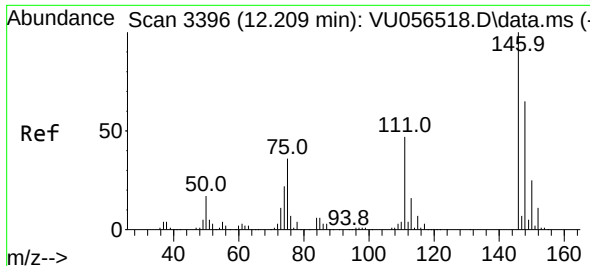
Tgt Ion:146 Resp: 188273
Ion Ratio Lower Upper
146 100
111 43.8 31.1 57.7
148 63.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.108 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion:146 Resp: 187551
Ion Ratio Lower Upper
146 100
111 44.4 30.5 56.7
148 64.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.322 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

Instrument :

MSVOA_U

ClientSampleId :

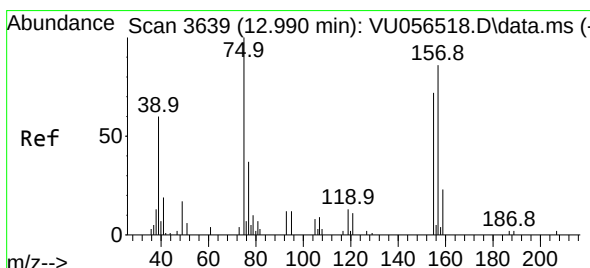
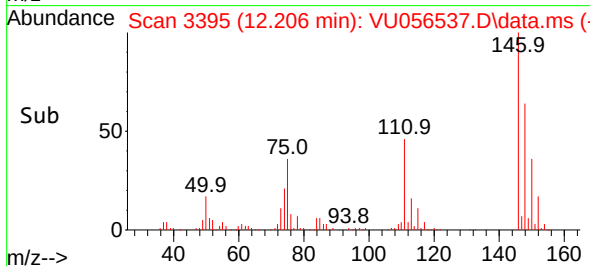
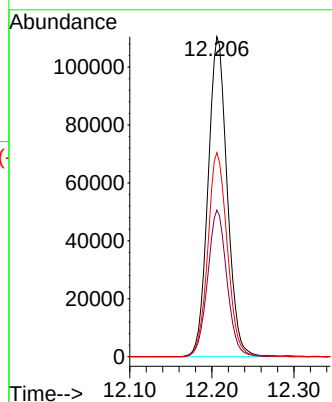
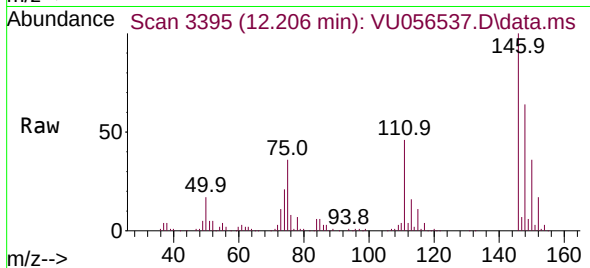
Tgt Ion:146 Resp: 178738

Ion Ratio Lower Upper

146 100

111 45.8 38.3 57.5

148 63.8 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.161 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU056537.D

Acq: 20 Nov 2023 19:40

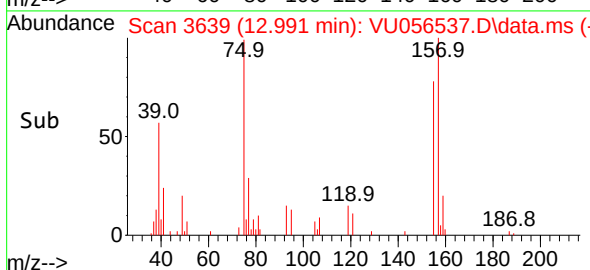
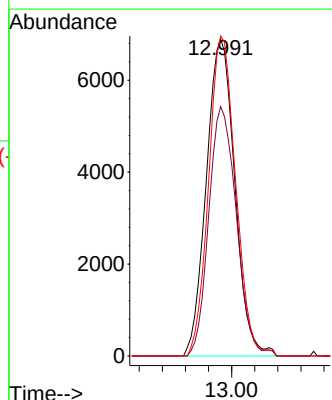
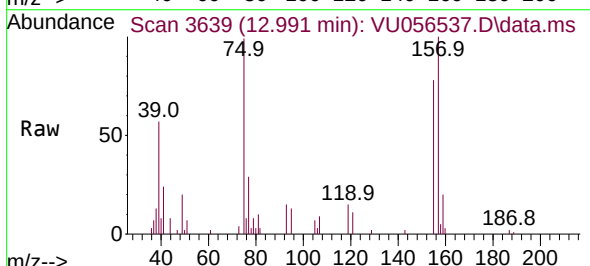
Tgt Ion: 75 Resp: 11802

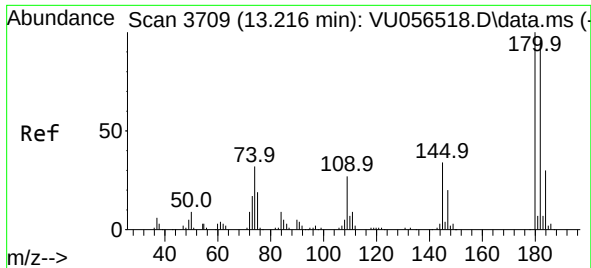
Ion Ratio Lower Upper

75 100

155 78.7 62.4 93.6

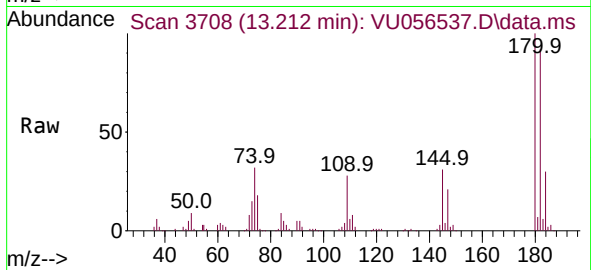
157 101.0 80.2 120.2



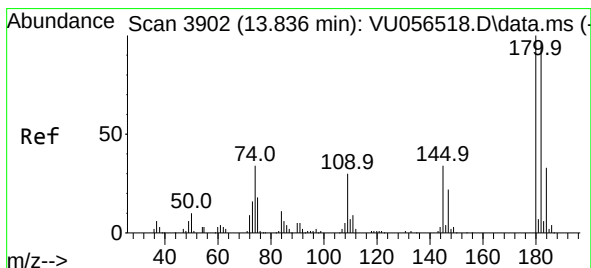
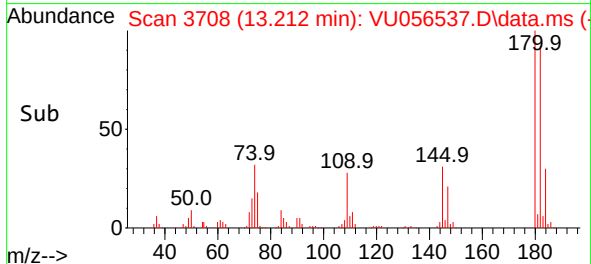
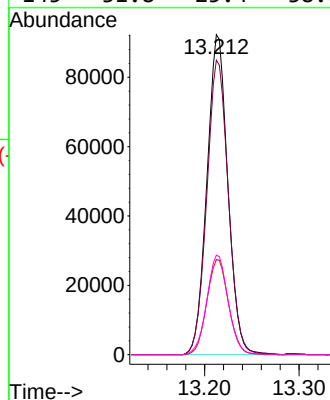


#69
 1,3,5-Trichlorobenzene
 Concen: 5.141 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

Instrument :
 MSVOA_U
 ClientSampleId :

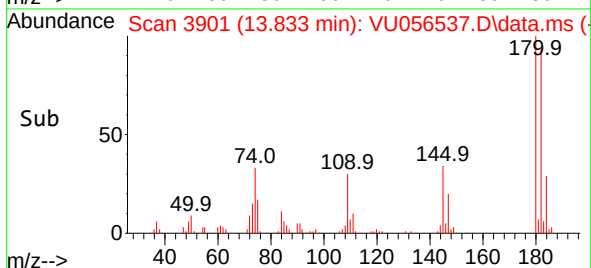
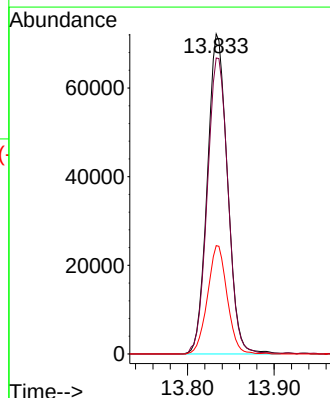
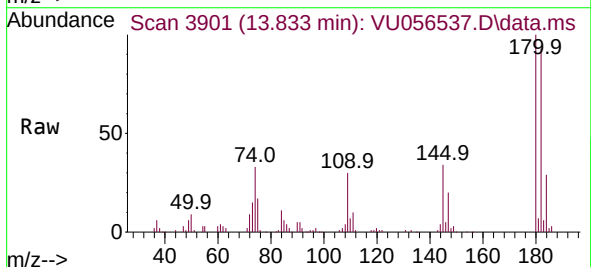


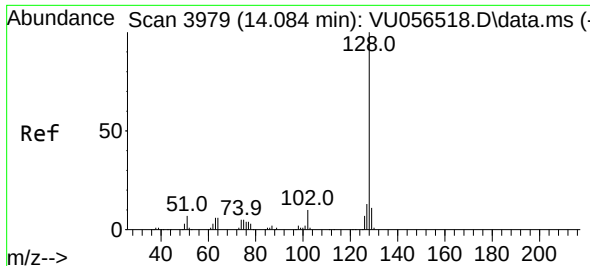
Tgt Ion:180 Resp: 141678
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.1 112.7
 184 30.7 23.5 35.3
 145 31.8 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.204 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU056537.D
 Acq: 20 Nov 2023 19:40

Tgt Ion:180 Resp: 116818
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.4 113.2
 145 32.9 26.8 40.2

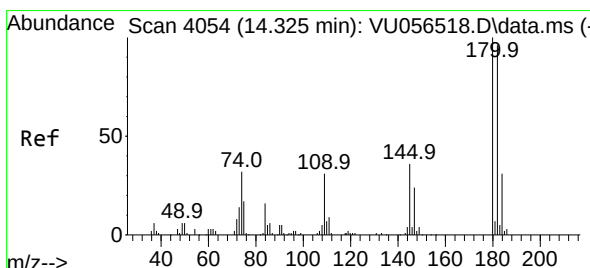
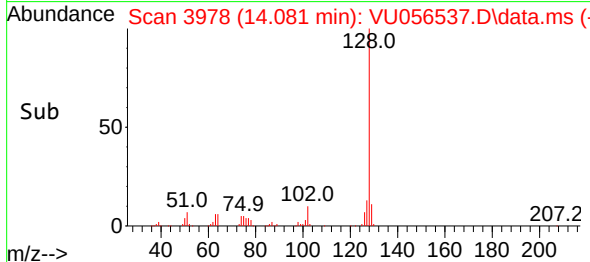
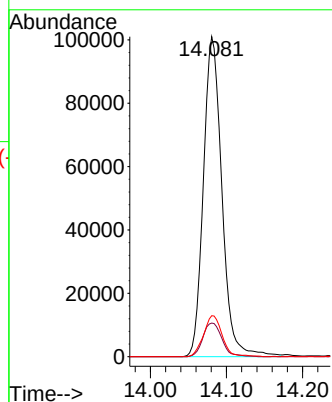
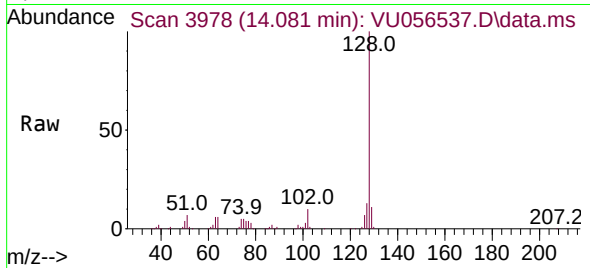




#71
Naphthalene
Concen: 5.043 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 171031
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.227 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU056537.D
Acq: 20 Nov 2023 19:40

Tgt Ion:180 Resp: 96655
Ion Ratio Lower Upper
180 100
182 98.1 78.6 117.8
145 35.1 29.0 43.6

