

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055934.D
 Acq On : 27 Oct 2023 19:32
 Operator : MD/SY
 Sample : 05009-09MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A49A1MSD

Quant Time: Oct 27 23:57:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	416354	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	406237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	208828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	96810	2.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.914	69	89022	3.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.567	65	45334	3.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.624	46	259992	44.249	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.500%
24) Chloroform-d	5.058	84	247585	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.698	65	112522	3.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
32) Benzene-d6	5.724	84	476273	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.685	67	146424	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.894	98	425364	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.177	79	50411	3.593	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.627	63	227119	63.770	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.540%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	112438	4.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	163951	4.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	188969	7.964	ug/L	97
3) Chloromethane	1.518	50	175043	7.726	ug/L	97
5) Vinyl chloride	1.602	62	175595	7.037	ug/L	99
6) Bromomethane	1.856	94	98271	6.357	ug/L	99
8) Chloroethane	1.933	64	102643	7.019	ug/L	98
9) Trichlorofluoromethane	2.139	101	236195	6.862	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	143836	6.362	ug/L	97
12) 1,1-Dichloroethene	2.579	96	134760	6.678	ug/L #	72
13) Acetone	2.631	43	155735	46.512	ug/L	97
14) Carbon disulfide	2.792	76	448773	8.686	ug/L	98
15) Methyl Acetate	2.952	43	28413	4.165	ug/L	98
16) Methylene chloride	3.042	84	145245	6.353	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	312483	6.381	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	146833	7.339	ug/L	96
19) 1,1-Dichloroethane	3.866	63	268132	6.600	ug/L	97
21) 2-Butanone	4.702	43	262021	53.234	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	160202	6.613	ug/L	95
23) Bromochloromethane	4.972	128	66151	6.703	ug/L	95
25) Chloroform	5.084	83	274505	6.302	ug/L	100

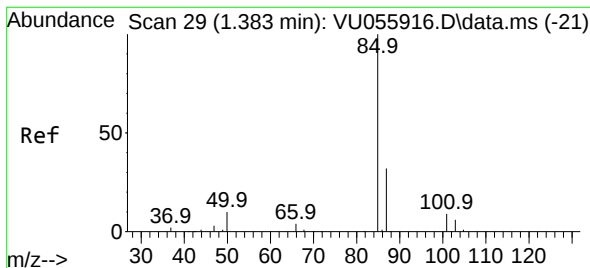
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	159597	6.236	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	240775	6.503	ug/L	99
30) Cyclohexane	5.386	56	232102	7.430	ug/L	99
31) Carbon tetrachloride	5.521	117	211197	6.687	ug/L	99
33) Benzene	5.772	78	607743	6.779	ug/L	100
34) Trichloroethene	6.537	95	164983	6.579	ug/L	99
35) Methylcyclohexane	6.759	83	245317	7.248	ug/L	99
37) 1,2-Dichloropropane	6.788	63	150451	6.320	ug/L	99
38) Bromodichloromethane	7.100	83	190345	6.370	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	207268	6.112	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	688279	59.983	ug/L	98
42) Toluene	7.965	91	654475	6.985	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	166684	6.089	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	103554	6.187	ug/L	98
47) Tetrachloroethene	8.550	164	123335	7.023	ug/L	98
48) 2-Hexanone	8.679	43	503002	55.752	ug/L	98
49) Dibromochloromethane	8.804	129	122285	6.656	ug/L	98
50) 1,2-Dibromoethane	8.920	107	100911	6.645	ug/L	97
51) Chlorobenzene	9.444	112	404003	6.580	ug/L	100
52) Ethylbenzene	9.566	91	711311	6.697	ug/L	99
53) m,p-Xylene	9.692	106	276706	6.972	ug/L	94
54) o-Xylene	10.097	106	260462	6.706	ug/L	99
55) Styrene	10.110	104	426794	6.855	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	123168	6.357	ug/L	96
59) Bromoform	10.287	173	68903	6.486	ug/L	99
60) Isopropylbenzene	10.479	105	718843	6.908	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	88712	6.188	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	586536	6.897	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	586362	7.422	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	333515	6.761	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	325807	6.618	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	300430	6.633	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	20152	7.877	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	248537	7.373	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	202970	8.146	ug/L	98
71) Naphthalene	14.084	128	313541	8.690	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	174879	8.141	ug/L	98

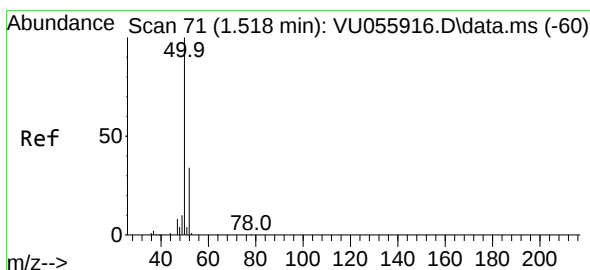
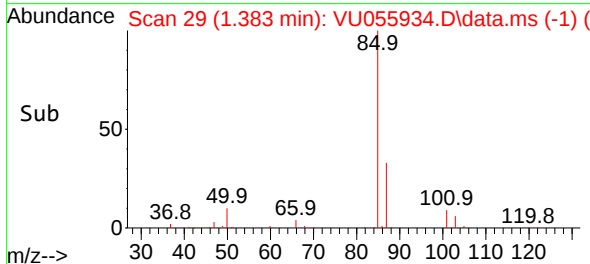
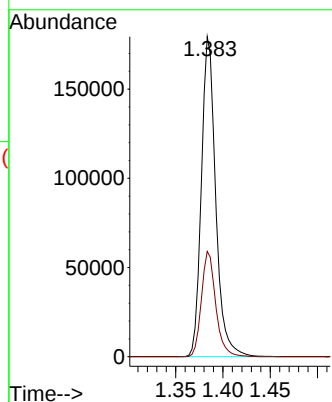
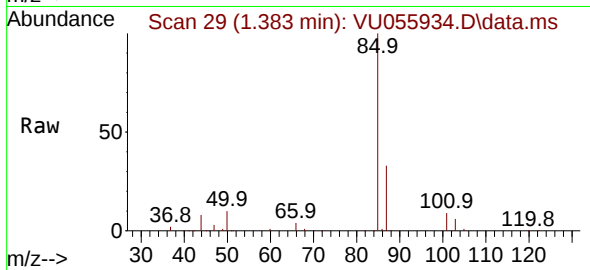
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#2
 Dichlorodifluoromethane
 Concen: 7.964 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

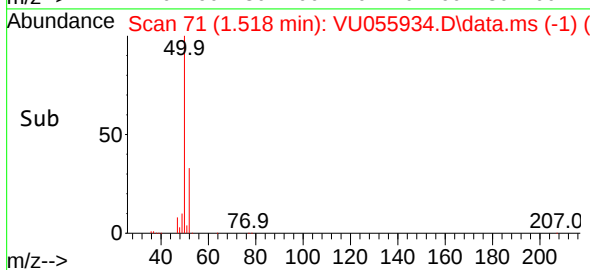
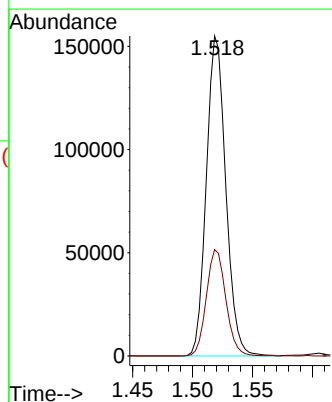
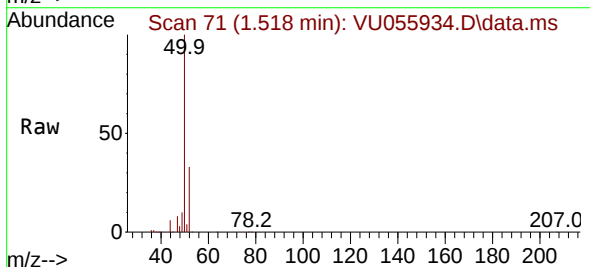
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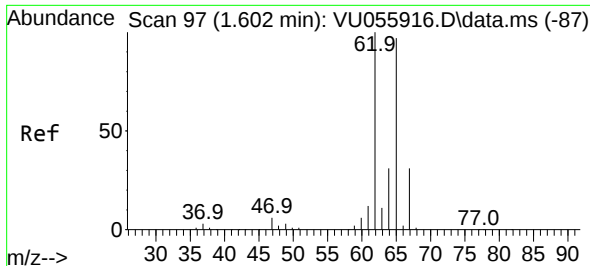
Tgt Ion: 85 Resp: 188969
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.0 37.4



#3
 Chloromethane
 Concen: 7.726 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

Tgt Ion: 50 Resp: 175043
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 40.8

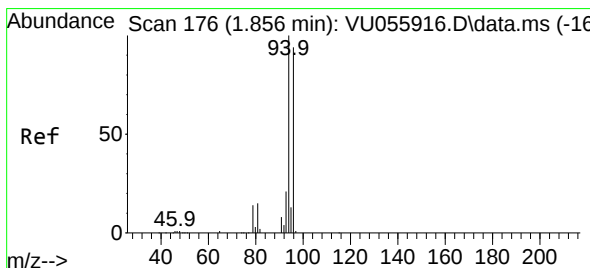
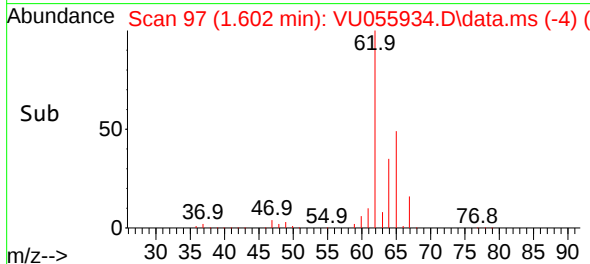
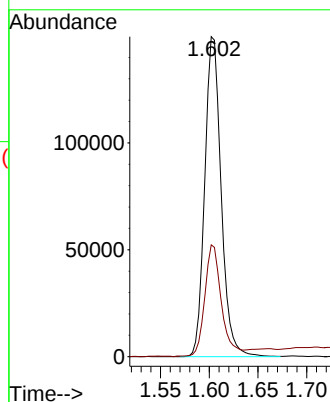
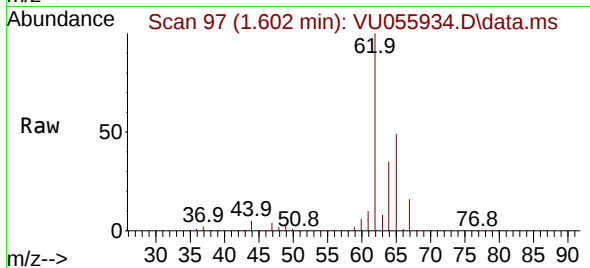




#5
 Vinyl chloride
 Concen: 7.037 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

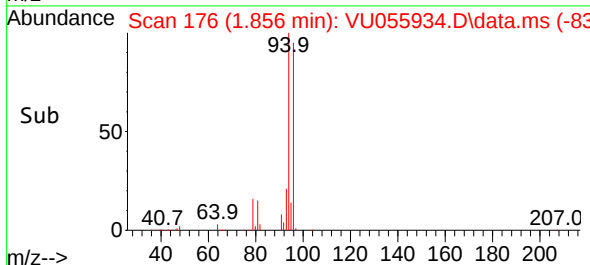
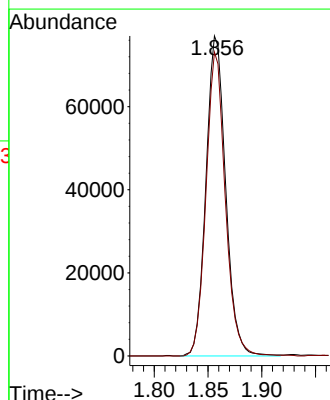
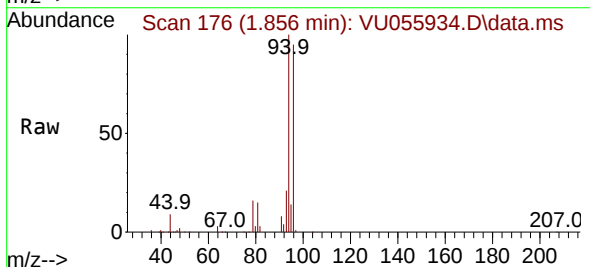
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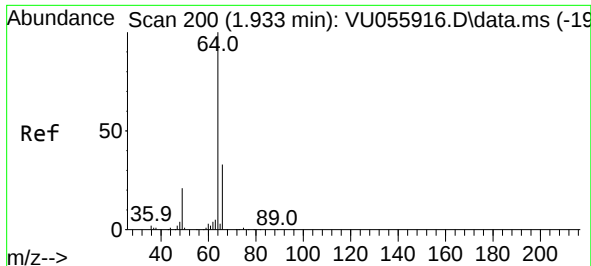
Tgt Ion: 62 Resp: 175595
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.2 45.0



#6
 Bromomethane
 Concen: 6.357 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

Tgt Ion: 94 Resp: 98271
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.9 122.5

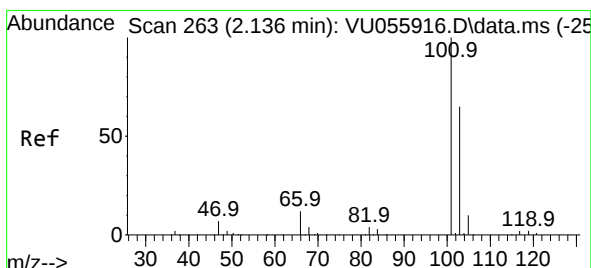
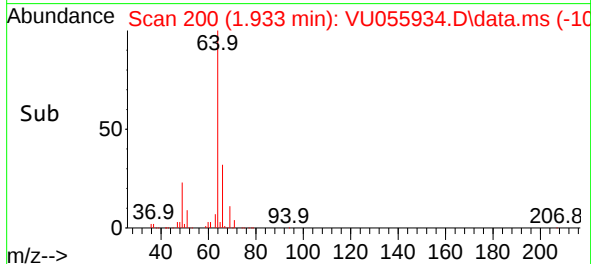
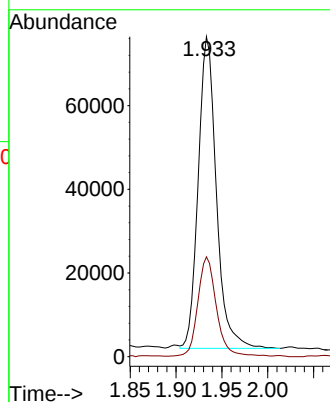
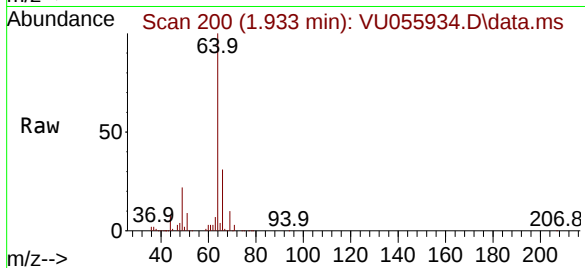




#8
Chloroethane
Concen: 7.019 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

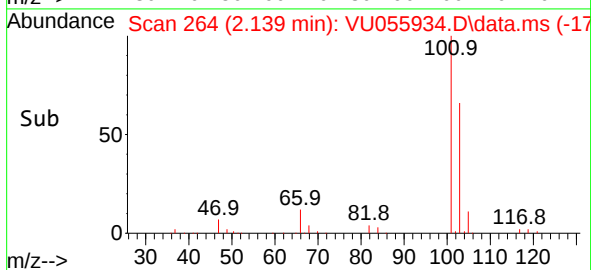
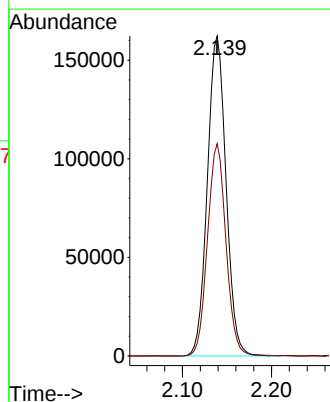
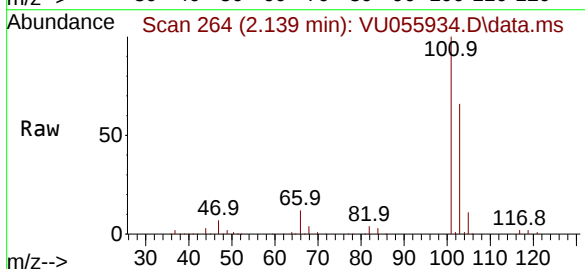
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ClientSampleId :
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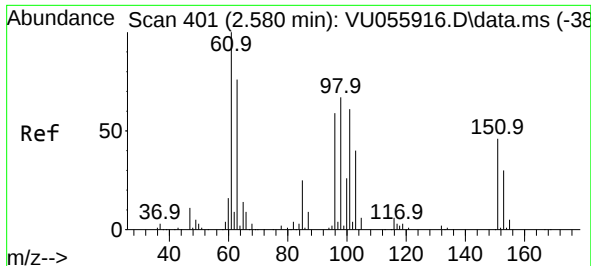
Tgt Ion: 64 Resp: 102643
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 6.862 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:101 Resp: 236195
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.2

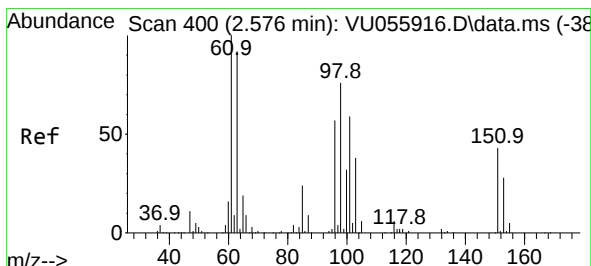
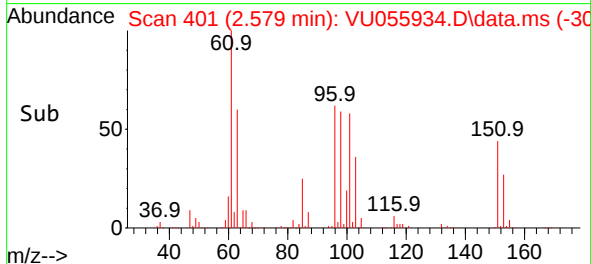
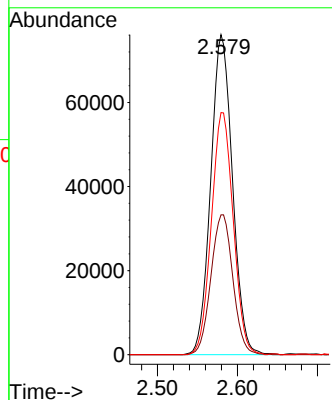
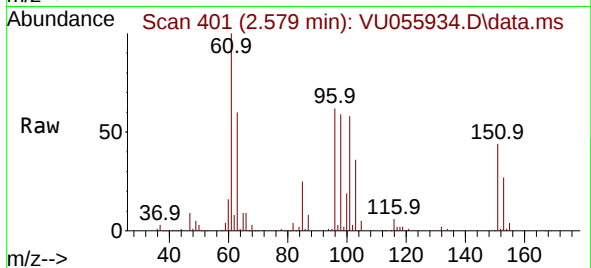




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.362 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

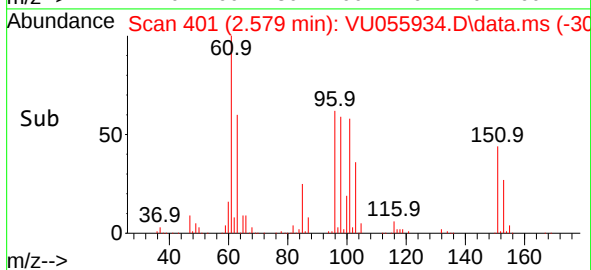
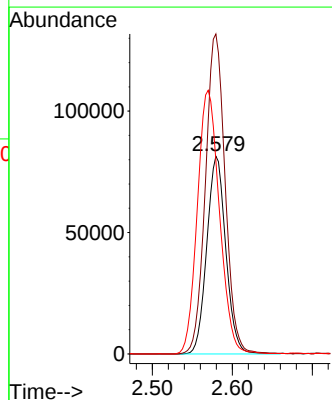
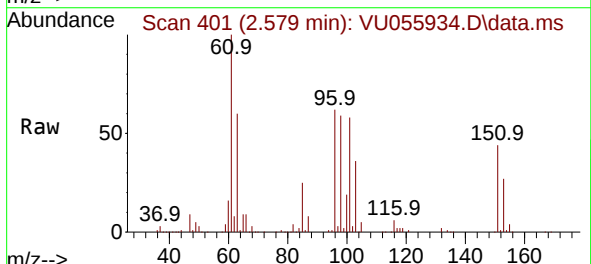
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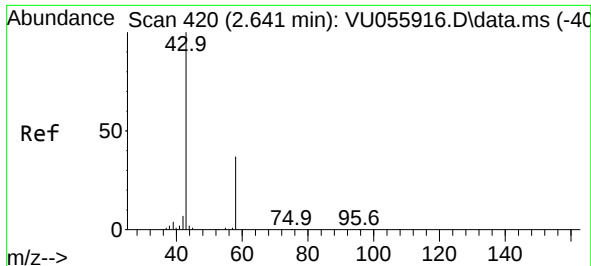
Tgt Ion:101 Resp: 143836
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.4 51.6
 151 76.0 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 6.678 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

Tgt Ion: 96 Resp: 134760
 Ion Ratio Lower Upper
 96 100
 61 161.8 123.8 230.0
 63 97.8 111.0 206.2#





#13

Acetone

Concen: 46.512 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.016 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

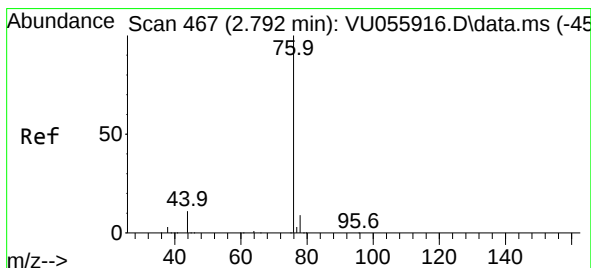
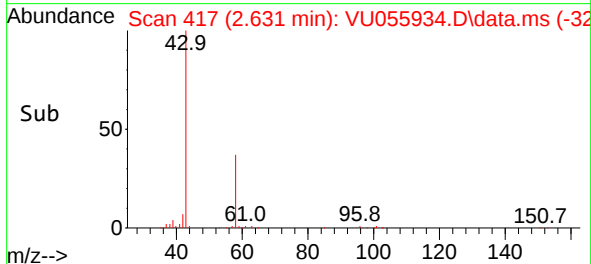
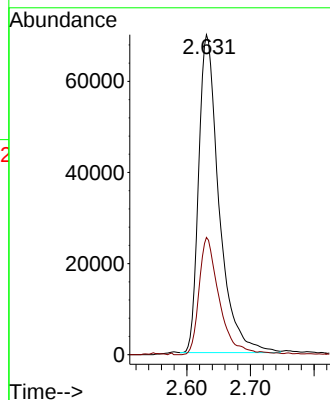
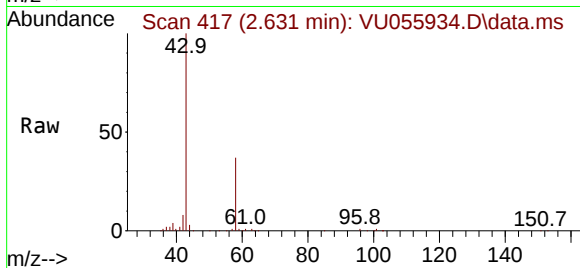
A49A1MSD

Tgt Ion: 43 Resp: 155735

Ion Ratio Lower Upper

43 100

58 36.2 0.0 69.0



#14

Carbon disulfide

Concen: 8.686 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU055934.D

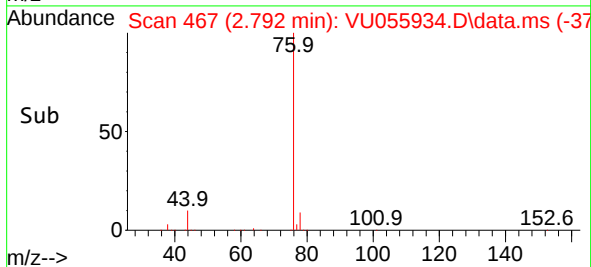
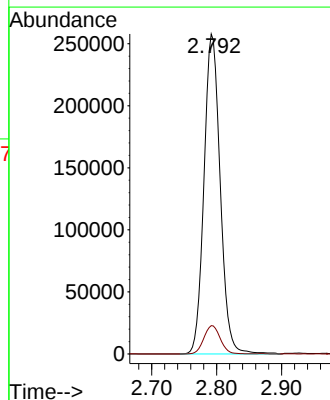
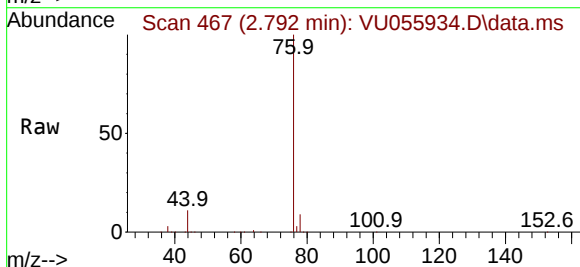
Acq: 27 Oct 2023 19:32

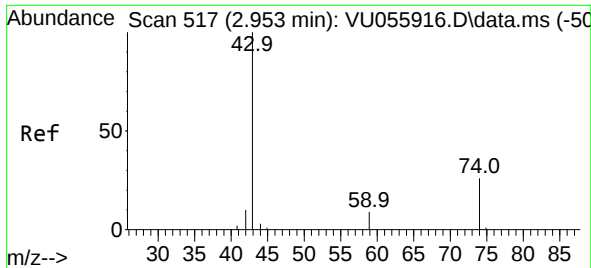
Tgt Ion: 76 Resp: 448773

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

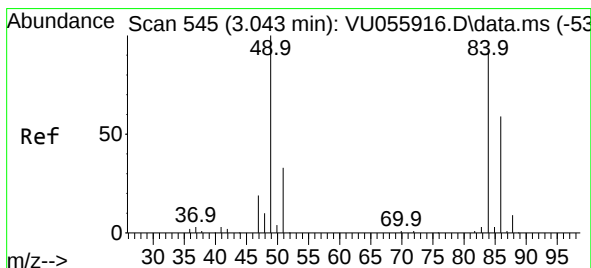
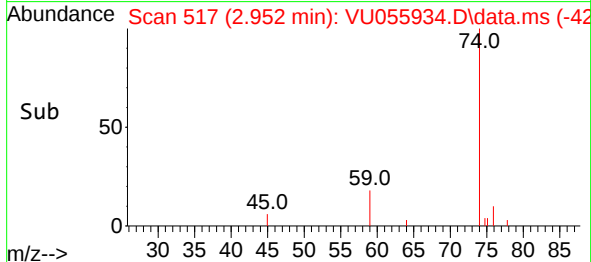
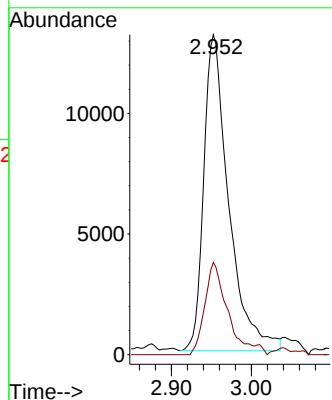
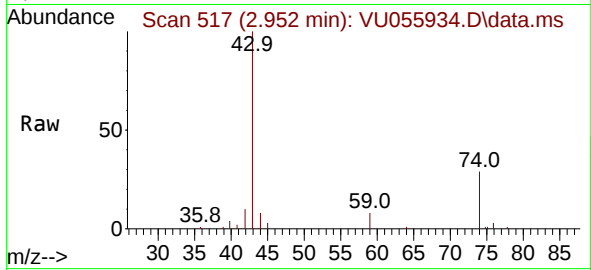




#15
Methyl Acetate
Concen: 4.165 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

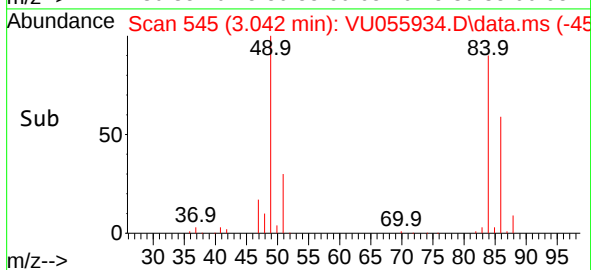
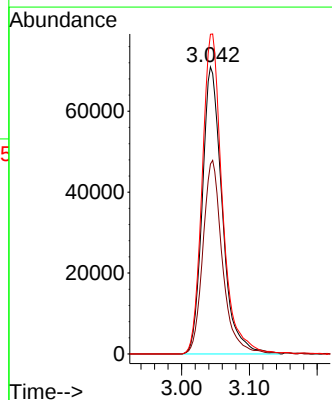
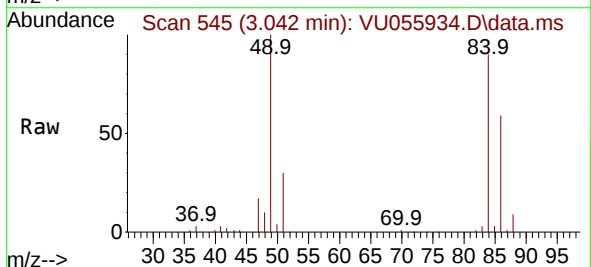
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

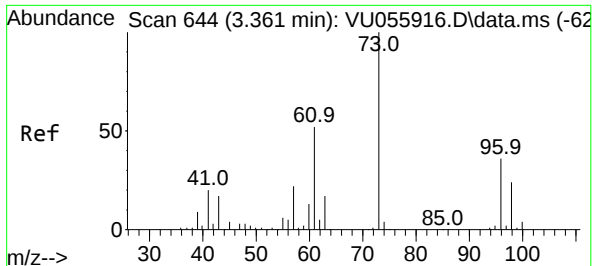
Tgt Ion: 43 Resp: 28413
Ion Ratio Lower Upper
43 100
74 26.1 19.9 29.9



#16
Methylene chloride
Concen: 6.353 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 84 Resp: 145245
Ion Ratio Lower Upper
84 100
86 66.1 45.2 84.0
49 111.4 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 6.381 ug/L

RT: 3.358 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

A49A1MSD

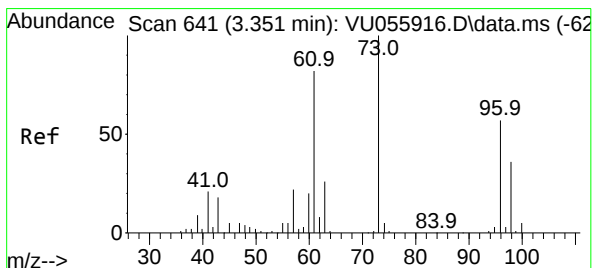
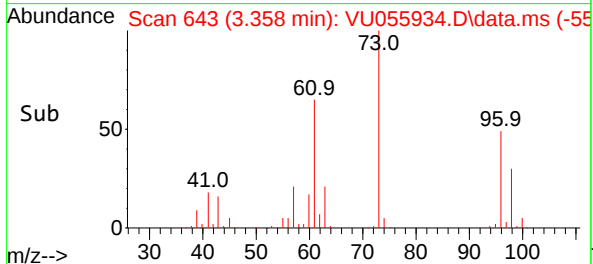
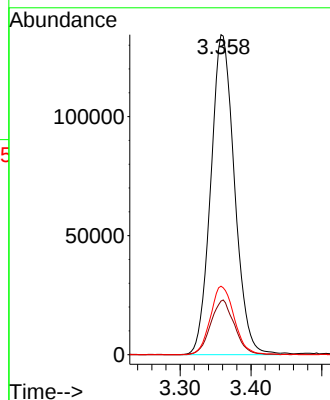
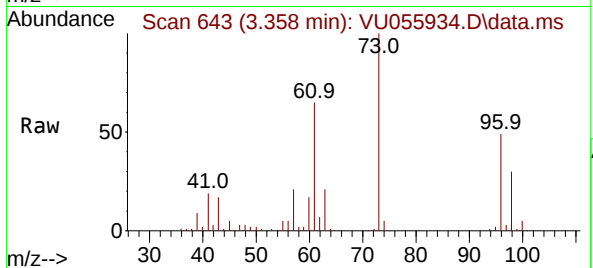
Tgt Ion: 73 Resp: 312483

Ion Ratio Lower Upper

73 100

43 17.1 14.4 21.6

57 21.6 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 7.339 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

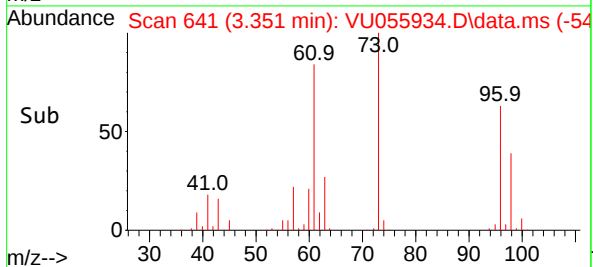
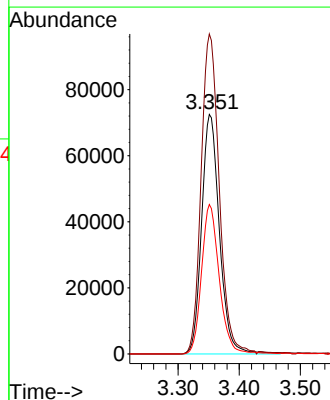
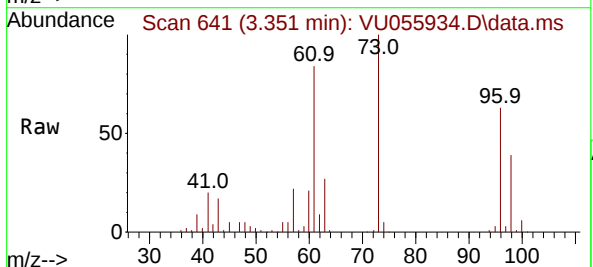
Tgt Ion: 96 Resp: 146833

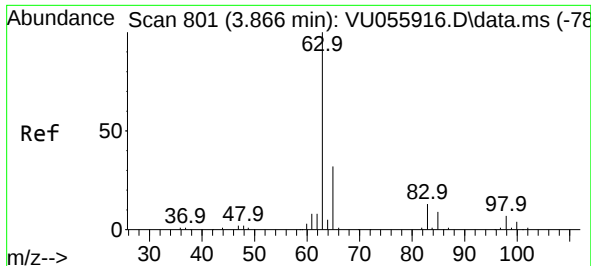
Ion Ratio Lower Upper

96 100

61 133.6 97.5 181.1

98 62.4 42.7 79.3

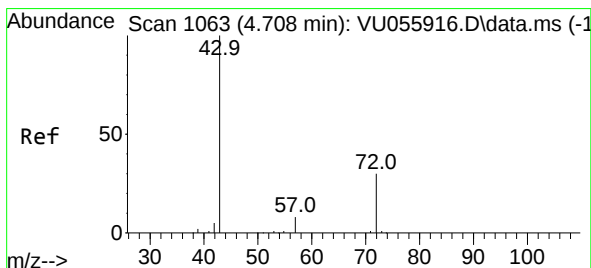
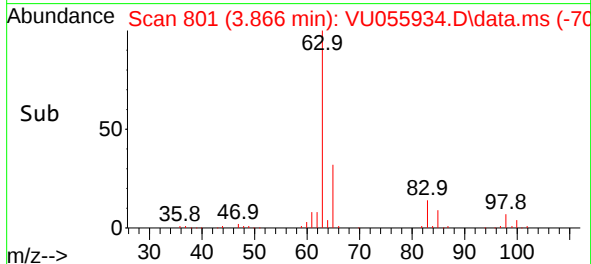
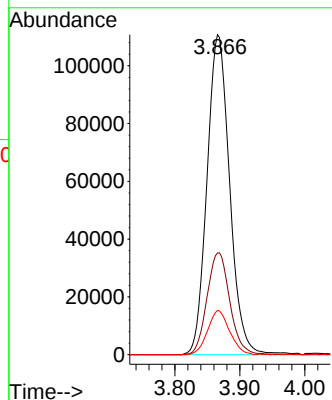
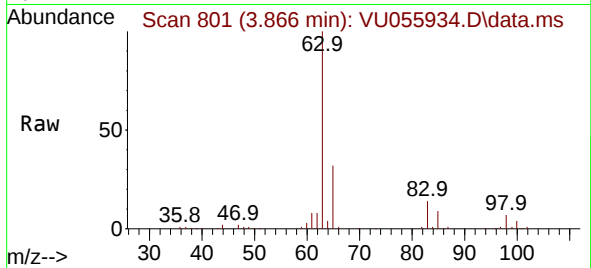




#19
1,1-Dichloroethane
Concen: 6.600 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

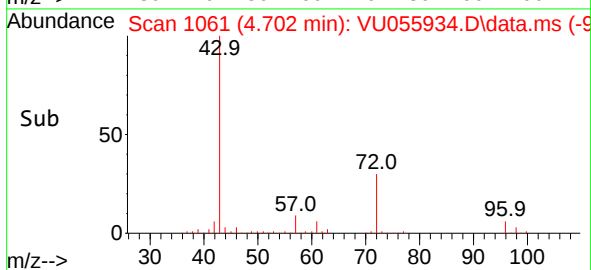
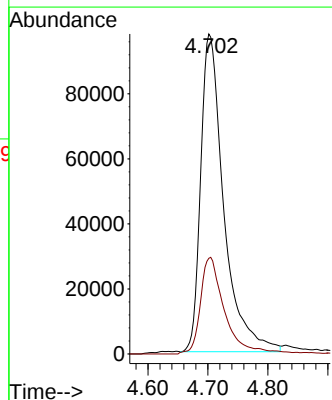
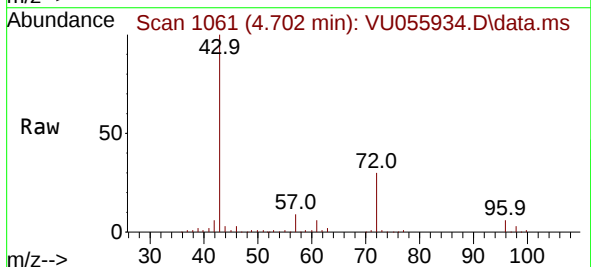
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

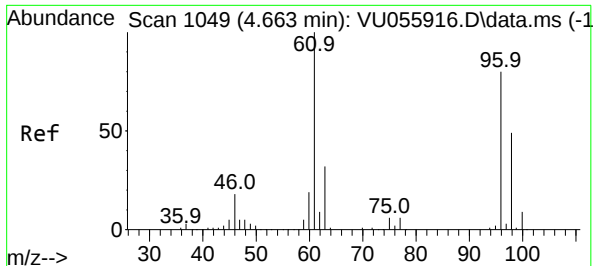
Tgt Ion: 63 Resp: 268132
Ion Ratio Lower Upper
63 100
65 31.8 23.3 43.3
83 13.8 10.5 19.5



#21
2-Butanone
Concen: 53.234 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.010 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 43 Resp: 262021
Ion Ratio Lower Upper
43 100
72 31.7 14.4 43.4

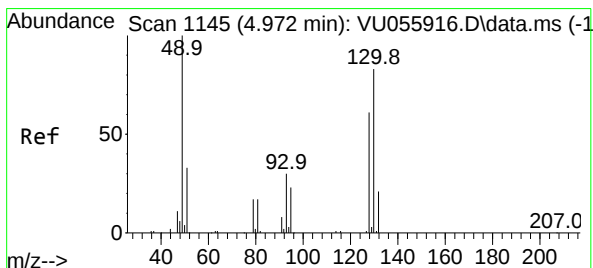
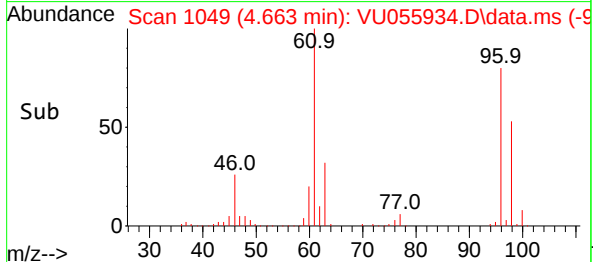
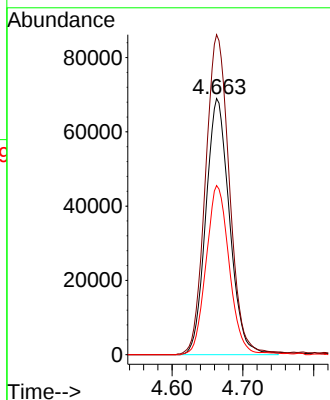
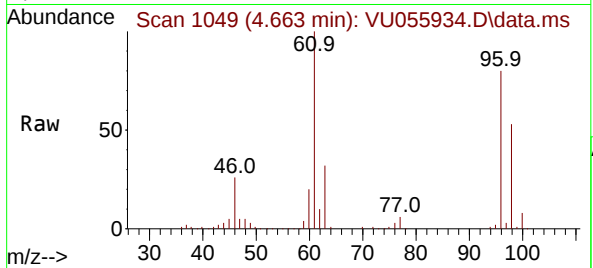




#22
 cis-1,2-Dichloroethene
 Concen: 6.613 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

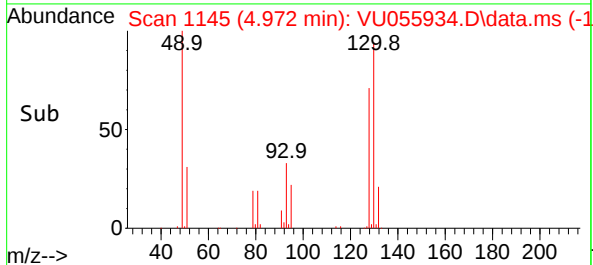
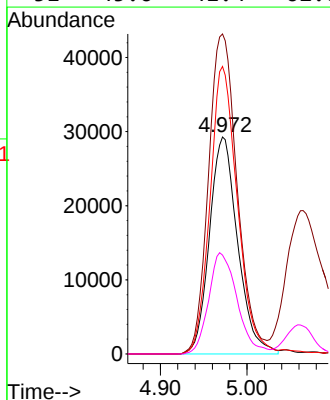
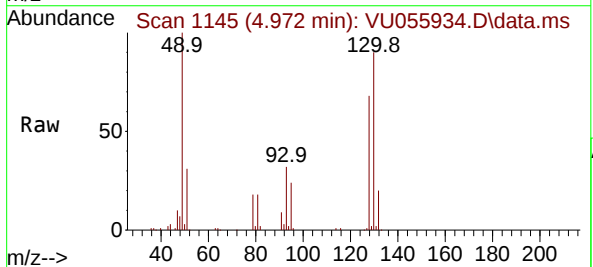
Instrument :
 MSVOA_U
 ClientSampleId :
 A49A1MSD

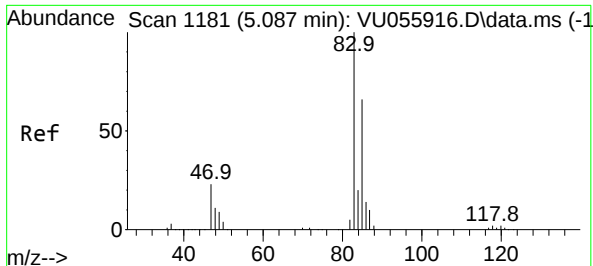
Tgt Ion: 96 Resp: 160202
 Ion Ratio Lower Upper
 96 100
 61 125.0 93.8 174.2
 98 66.1 45.6 84.8



#23
 Bromochloromethane
 Concen: 6.703 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

Tgt Ion: 128 Resp: 66151
 Ion Ratio Lower Upper
 128 100
 49 147.5 108.7 201.9
 130 132.6 91.5 169.9
 51 45.6 41.4 62.0





#25

Chloroform

Concen: 6.302 ug/L

RT: 5.084 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

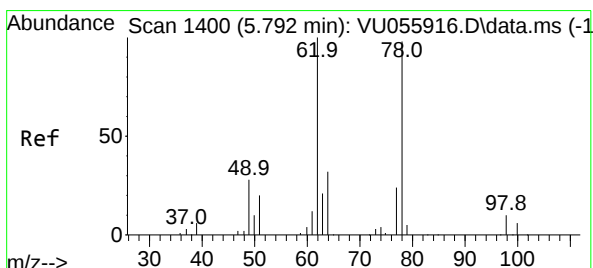
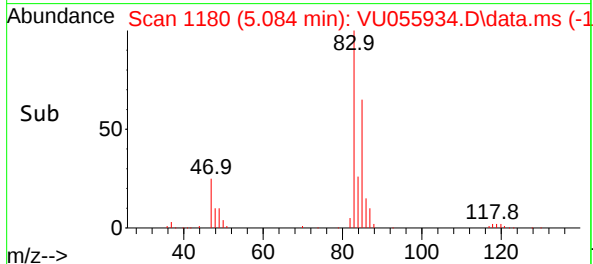
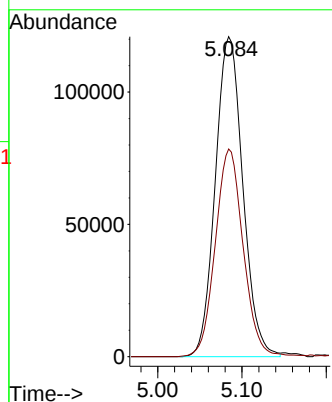
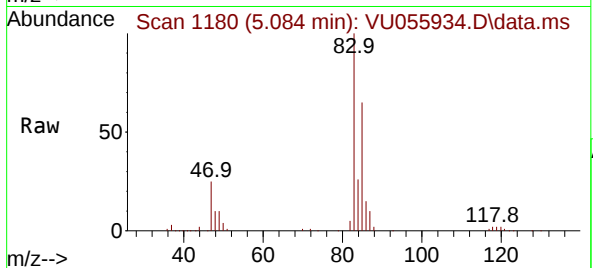
A49A1MSD

Tgt Ion: 83 Resp: 274505

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.8



#27

1,2-Dichloroethane

Concen: 6.236 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055934.D

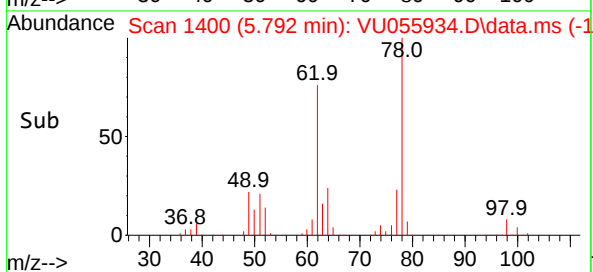
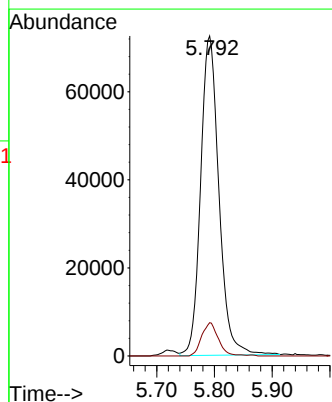
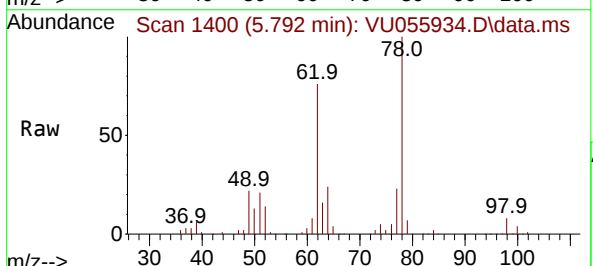
Acq: 27 Oct 2023 19:32

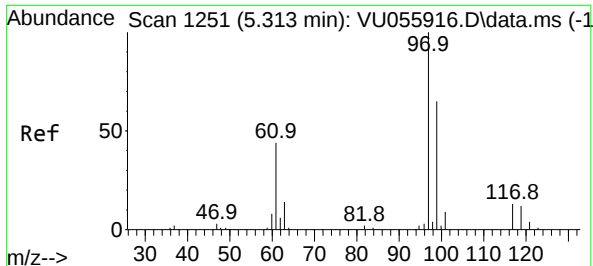
Tgt Ion: 62 Resp: 159597

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.2



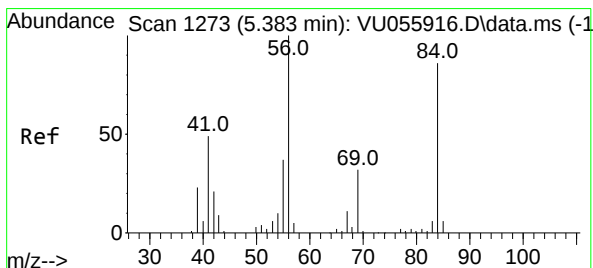
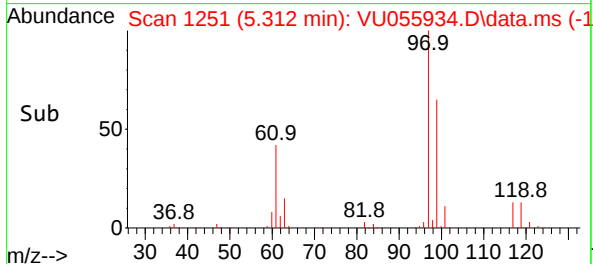
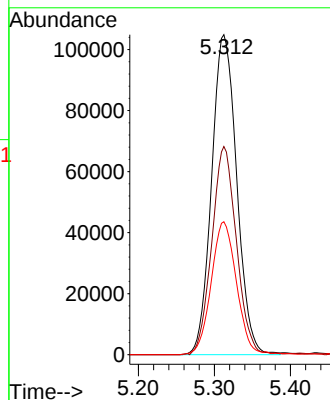
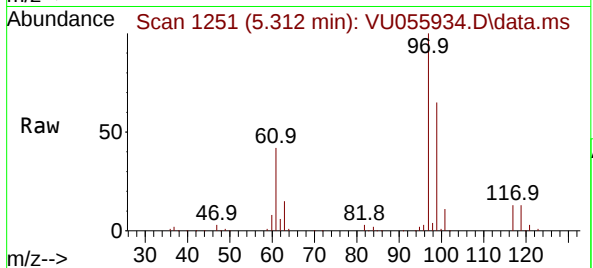


#29
1,1,1-Trichloroethane
Concen: 6.503 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

Tgt Ion: 97 Resp: 240775

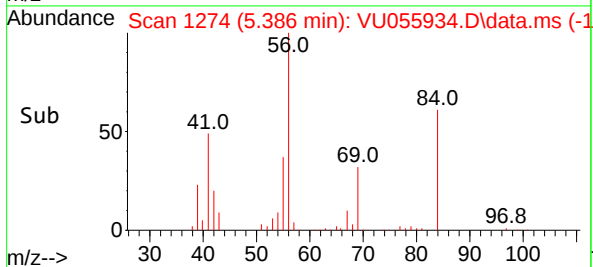
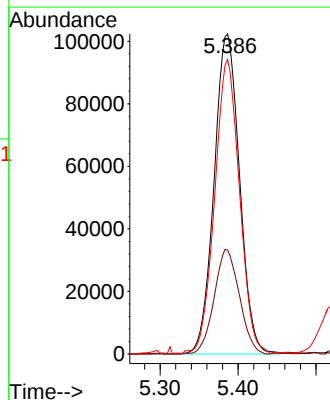
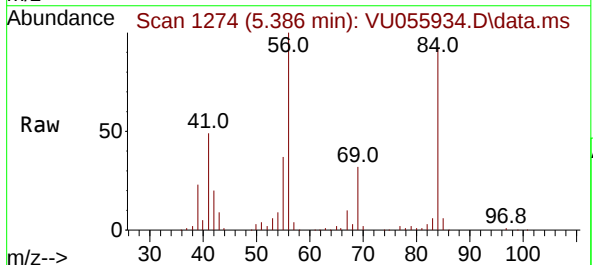
Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.8	76.2
61	41.8	35.0	52.4

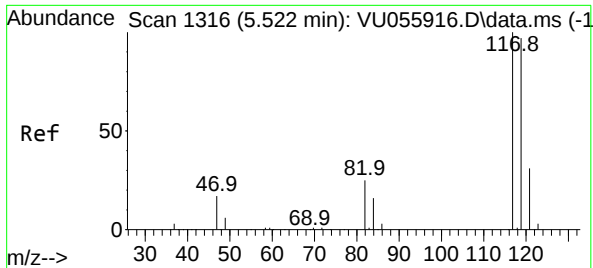


#30
Cyclohexane
Concen: 7.430 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 56 Resp: 232102

Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.4	38.2
84	89.5	71.0	106.6

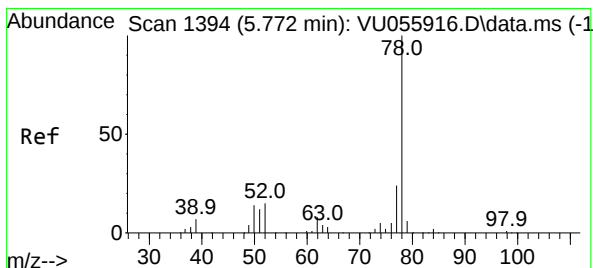
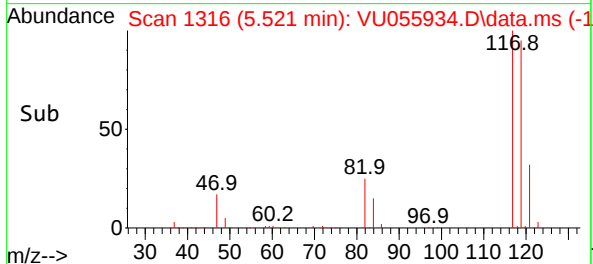
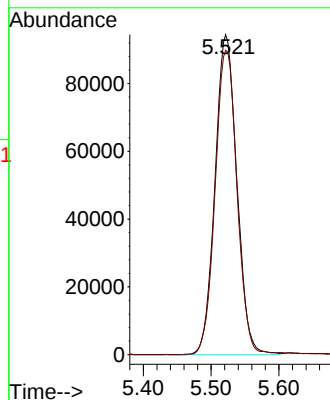
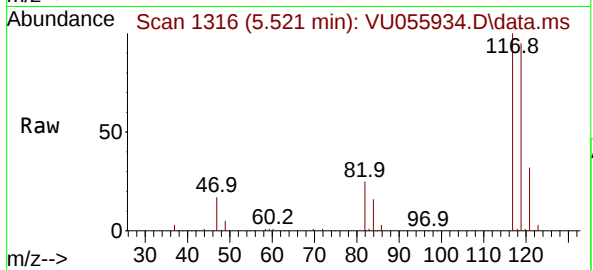




#31
Carbon tetrachloride
Concen: 6.687 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

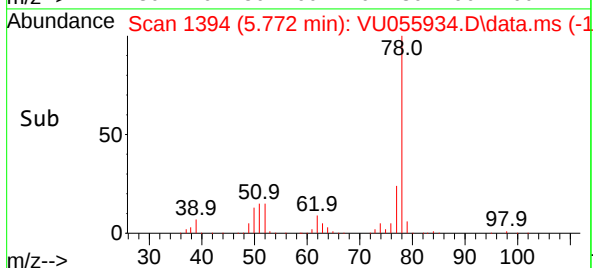
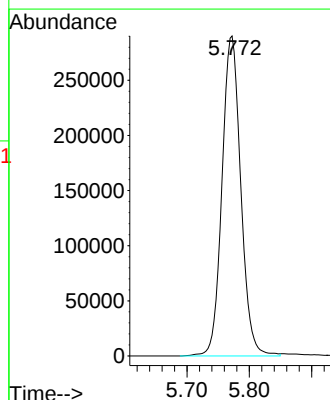
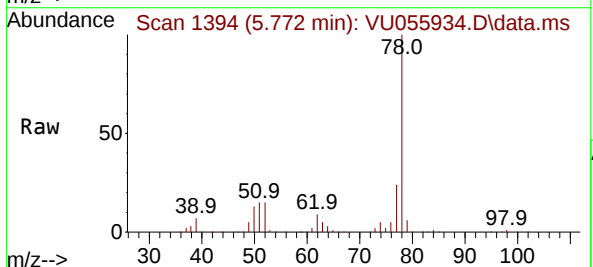
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

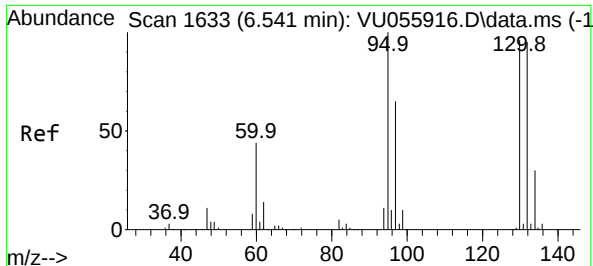
Tgt Ion:117 Resp: 211197
Ion Ratio Lower Upper
117 100
119 95.3 75.1 112.7



#33
Benzene
Concen: 6.779 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 78 Resp: 607743

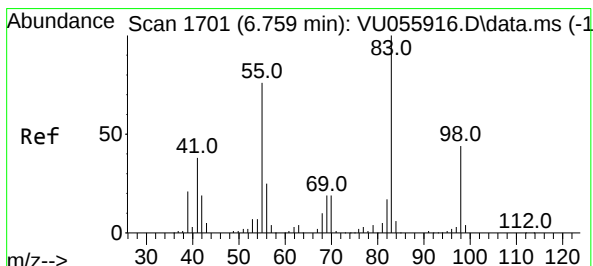
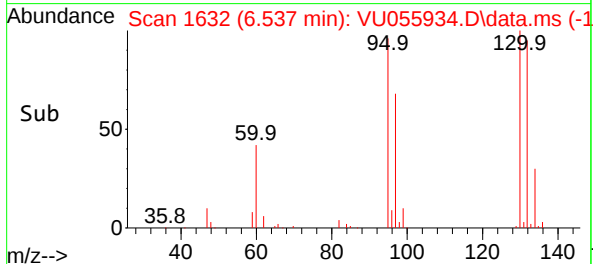
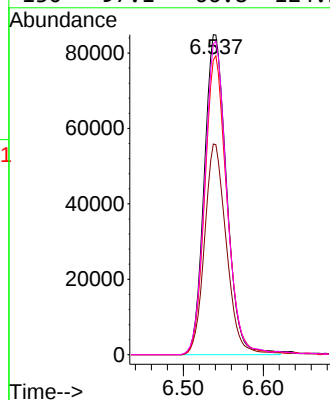
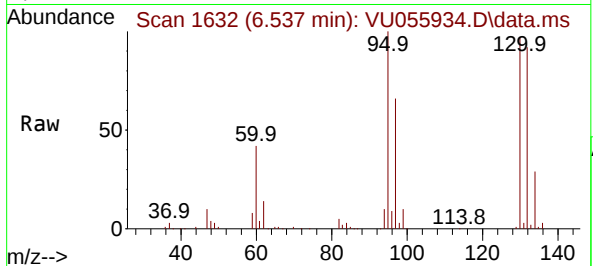




#34
Trichloroethene
Concen: 6.579 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

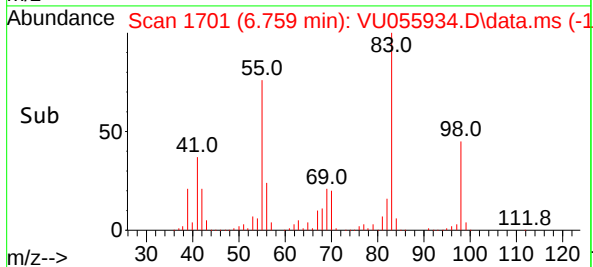
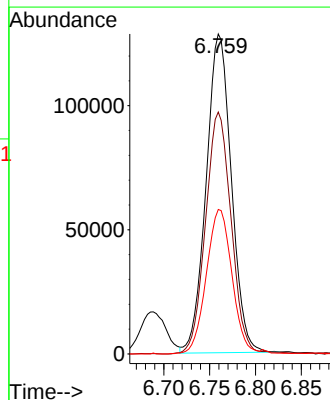
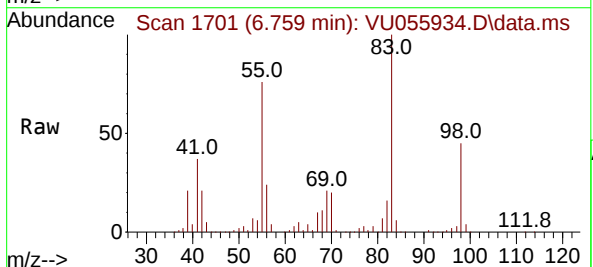
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

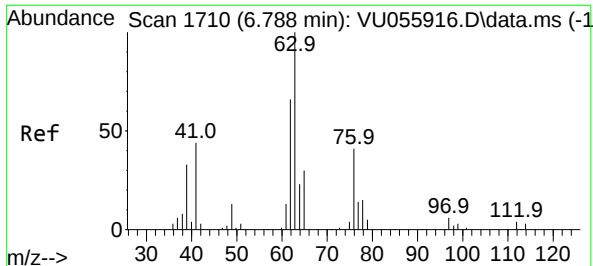
Tgt Ion: 95 Resp: 164983
Ion Ratio Lower Upper
95 100
97 65.9 45.4 84.2
132 92.1 63.9 118.7
130 97.1 66.8 124.2



#35
Methylcyclohexane
Concen: 7.248 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 83 Resp: 245317
Ion Ratio Lower Upper
83 100
55 77.5 62.4 93.6
98 46.1 37.4 56.2

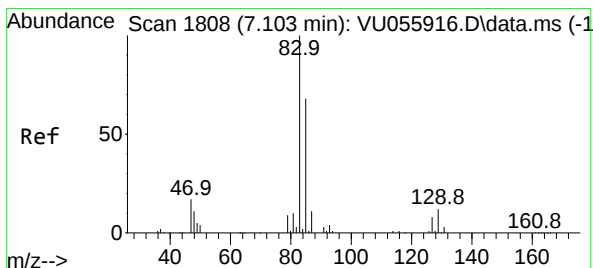
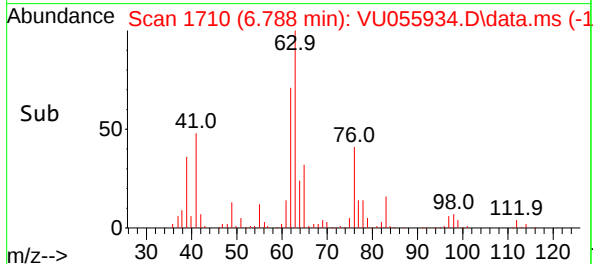
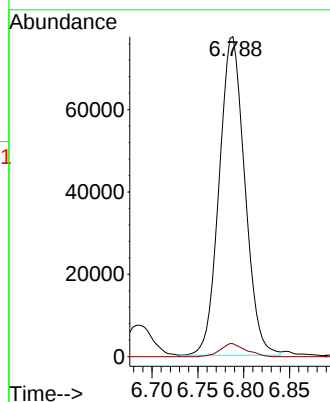
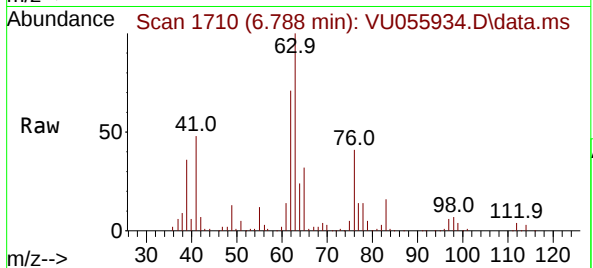




#37
1,2-Dichloropropane
Concen: 6.320 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

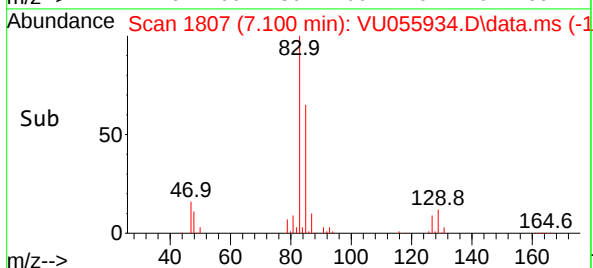
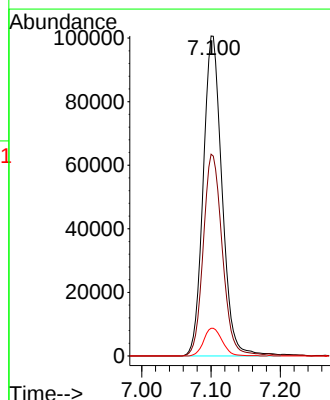
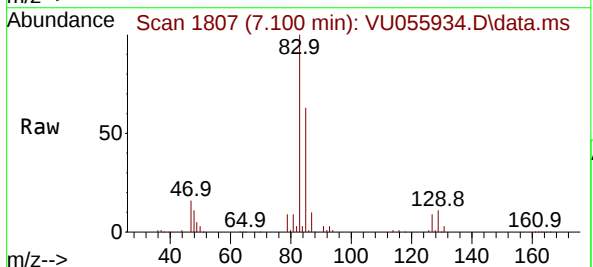
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

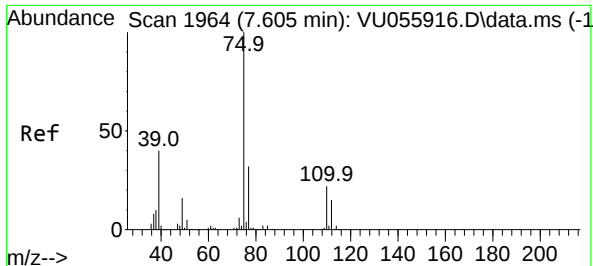
Tgt Ion: 63 Resp: 150451
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 6.370 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 83 Resp: 190345
Ion Ratio Lower Upper
83 100
85 63.0 44.9 83.3
127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 6.112 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

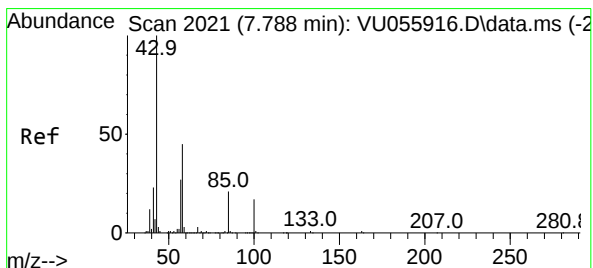
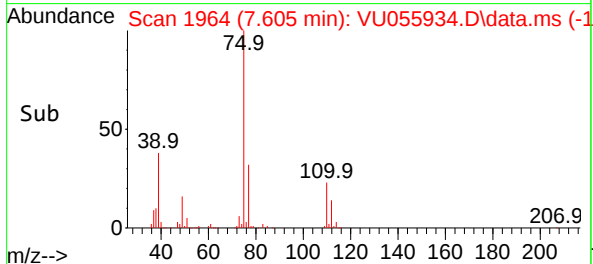
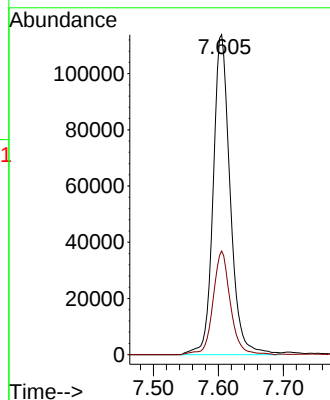
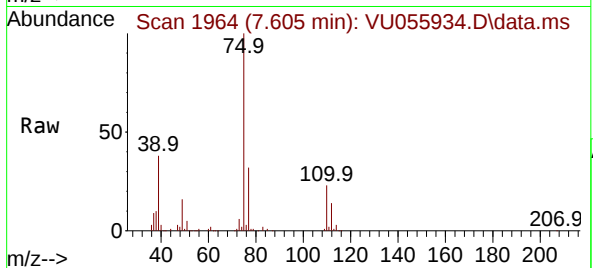
A49A1MSD

Tgt Ion: 75 Resp: 207268

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 59.983 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

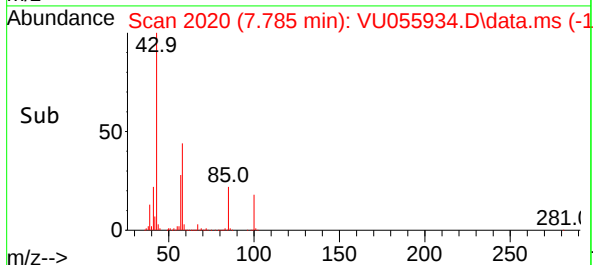
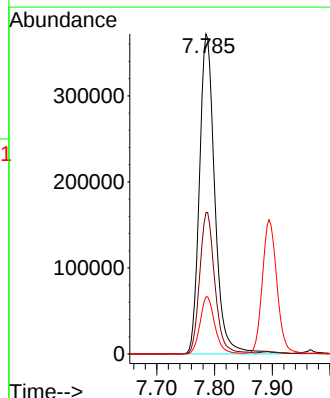
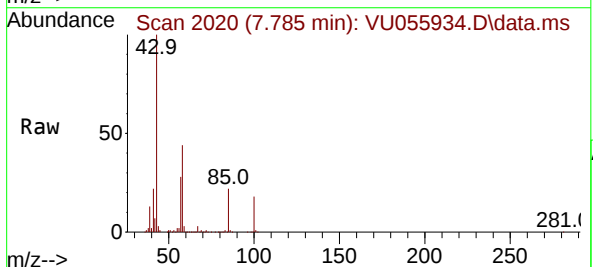
Tgt Ion: 43 Resp: 688279

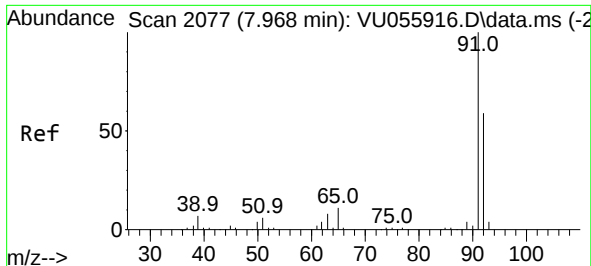
Ion Ratio Lower Upper

43 100

58 43.7 34.0 51.0

100 17.2 13.0 19.6





#42

Toluene

Concen: 6.985 ug/L

RT: 7.965 min Scan# 20

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

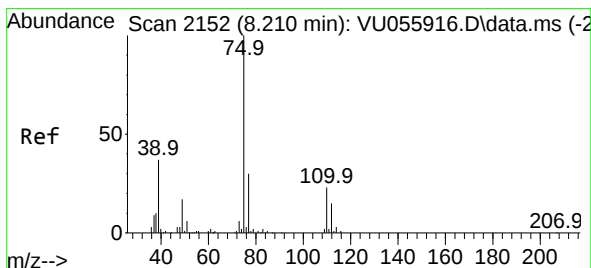
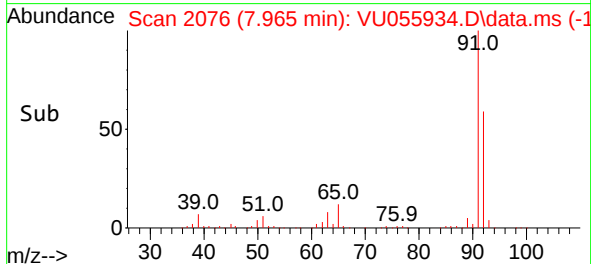
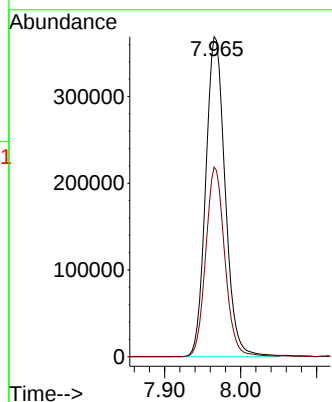
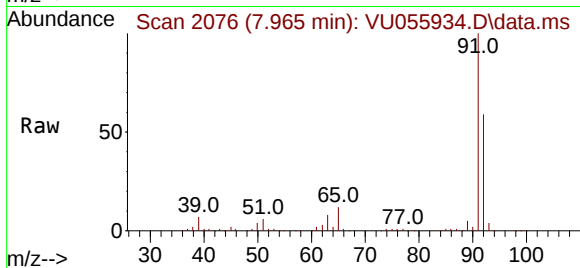
A49A1MSD

Tgt Ion: 91 Resp: 654475

Ion Ratio Lower Upper

91 100

92 59.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 6.089 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU055934.D

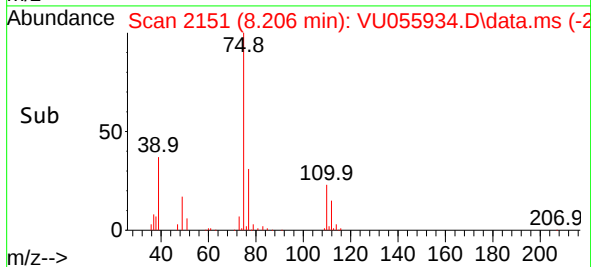
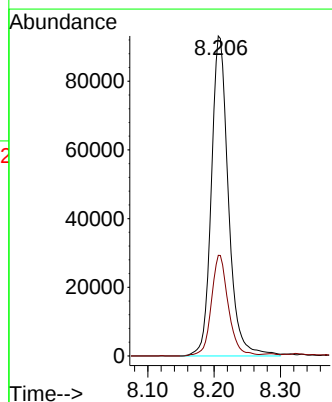
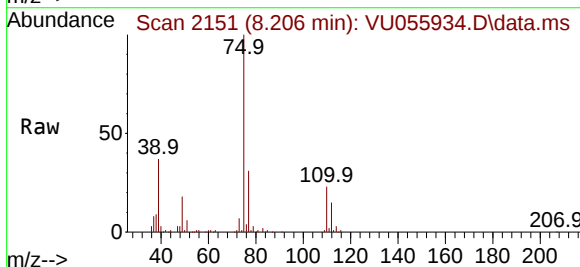
Acq: 27 Oct 2023 19:32

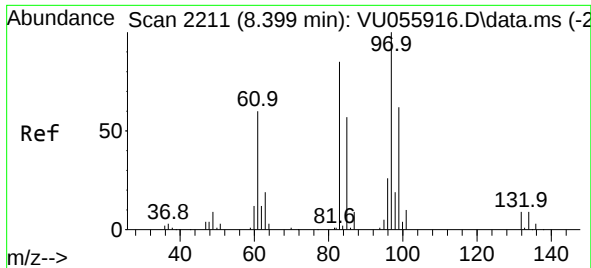
Tgt Ion: 75 Resp: 166684

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3

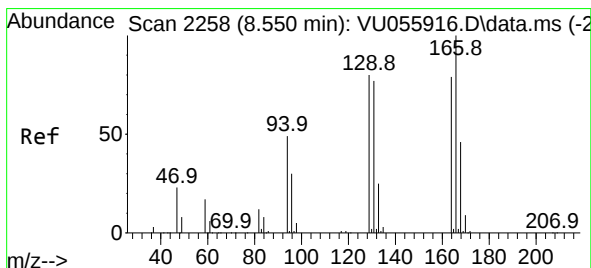
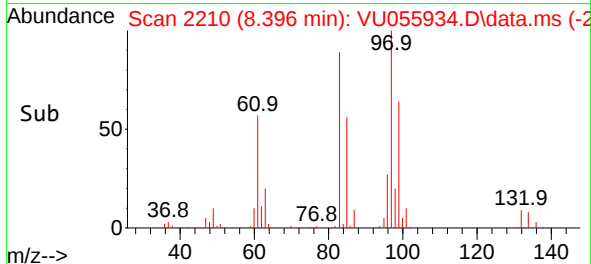
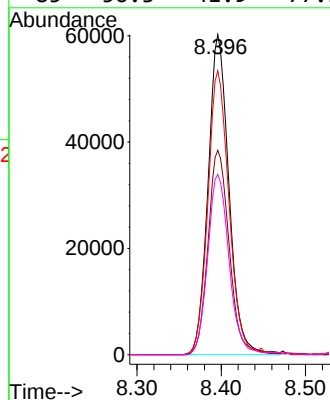
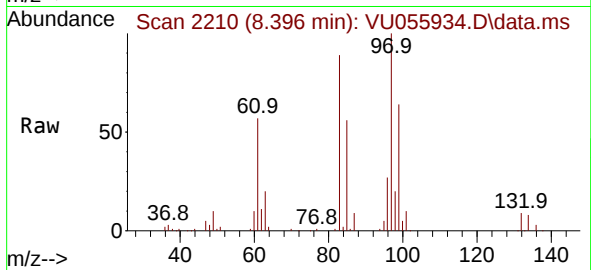




#45
1,1,2-Trichloroethane
Concen: 6.187 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

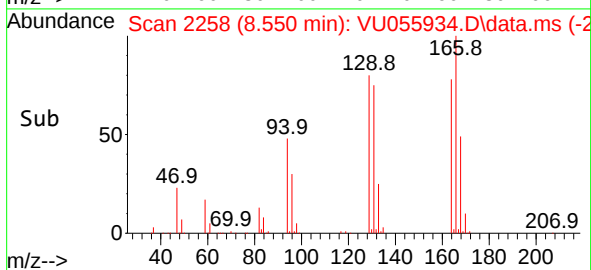
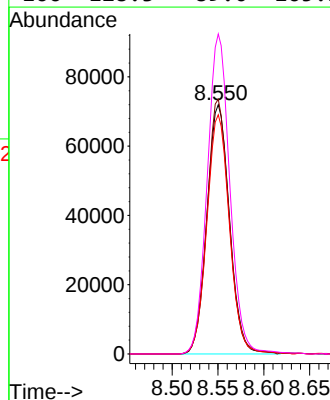
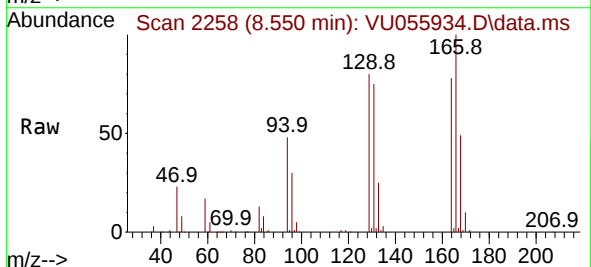
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

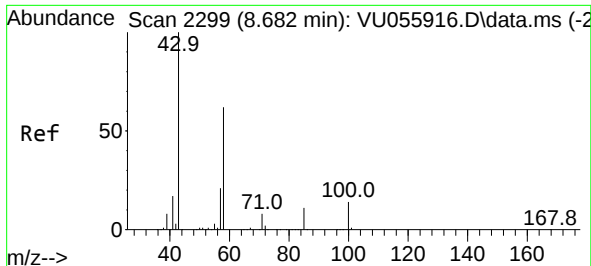
Tgt Ion:	97	Resp:	103554
Ion	Ratio	Lower	Upper
97	100		
99	63.8	45.3	84.1
83	88.7	61.9	115.1
85	56.3	41.9	77.9



#47
Tetrachloroethene
Concen: 7.023 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:	164	Resp:	123335
Ion	Ratio	Lower	Upper
164	100		
129	102.2	72.2	134.0
131	95.9	70.8	131.6
166	128.3	89.0	165.2



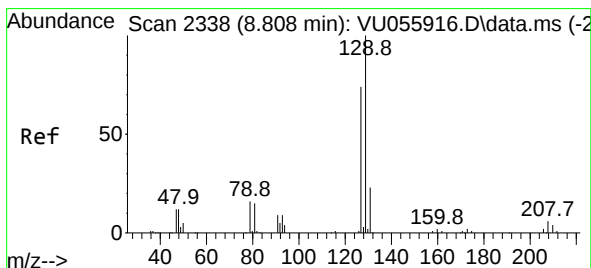
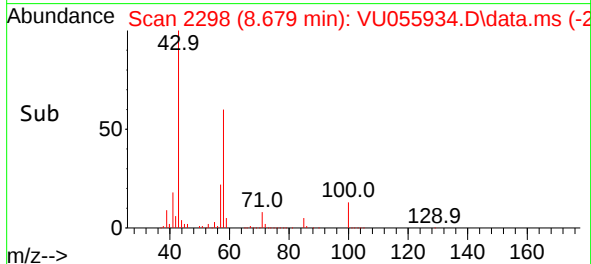
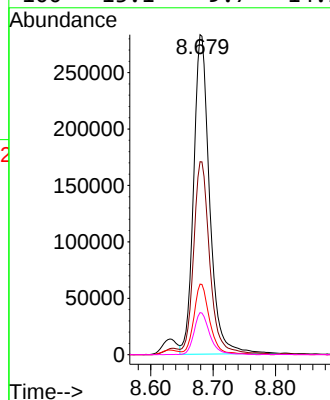
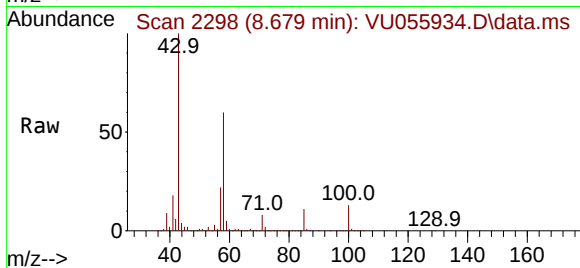


#48
2-Hexanone
Concen: 55.752 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

Tgt Ion: 43 Resp: 503002

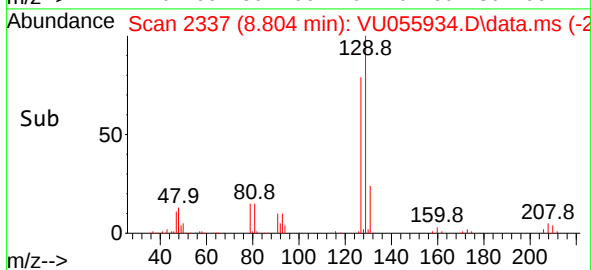
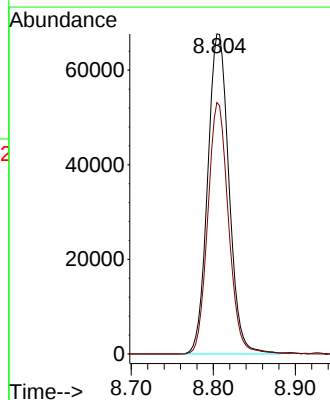
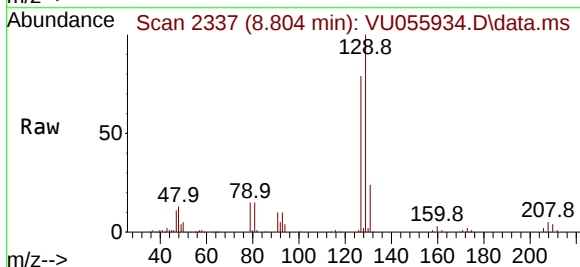
Ion	Ratio	Lower	Upper
43	100		
58	59.7	49.5	74.3
57	21.7	16.9	25.3
100	13.1	9.7	14.5

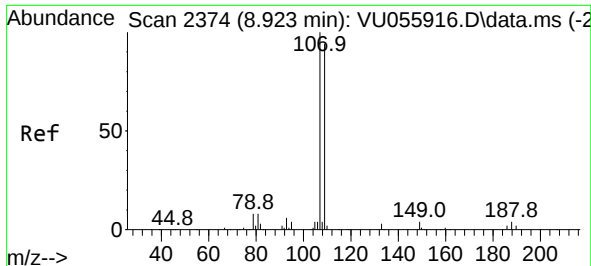


#49
Dibromochloromethane
Concen: 6.656 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 129 Resp: 122285

Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 6.645 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

A49A1MSD

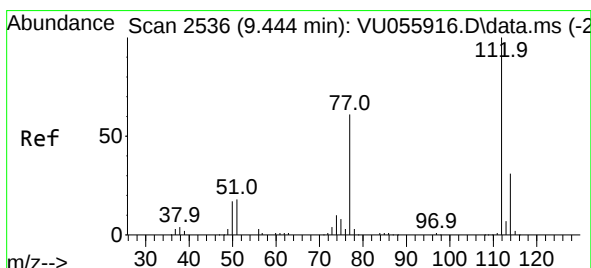
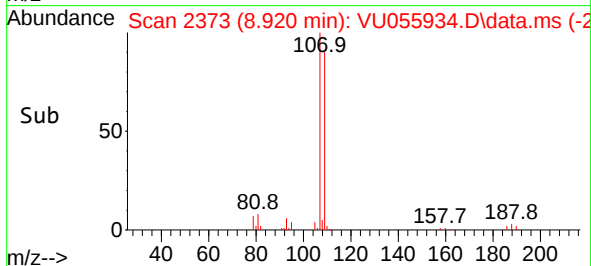
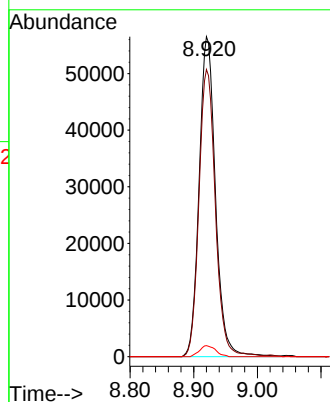
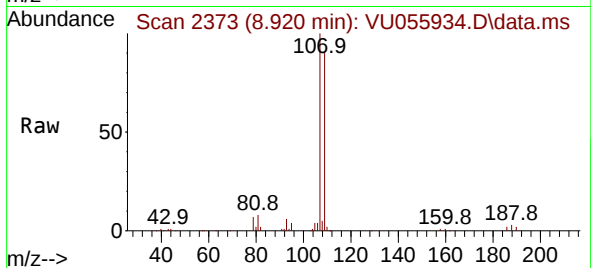
Tgt Ion:107 Resp: 100911

Ion Ratio Lower Upper

107 100

109 89.8 65.0 120.6

188 3.5 2.5 3.7



#51

Chlorobenzene

Concen: 6.580 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

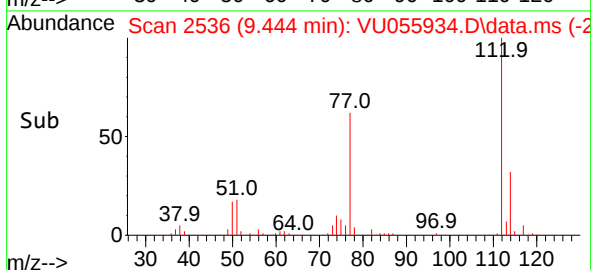
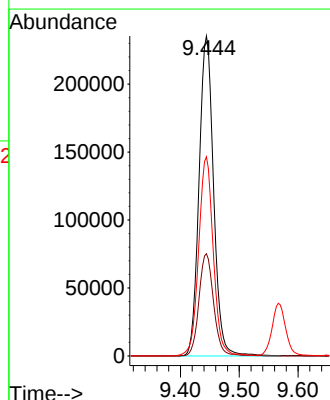
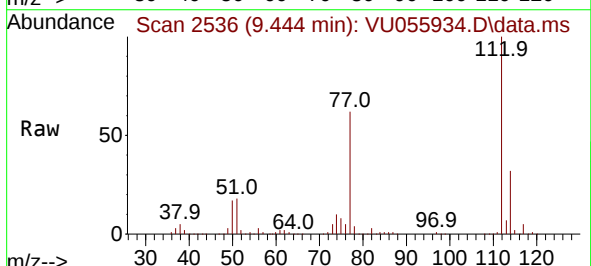
Tgt Ion:112 Resp: 404003

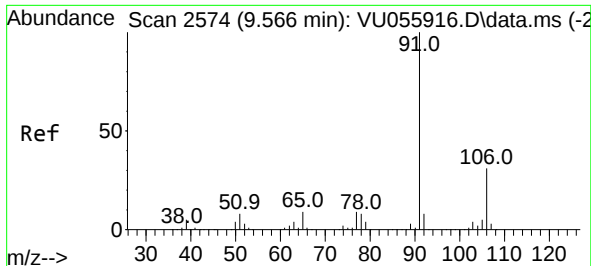
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.5

77 62.3 49.9 74.9

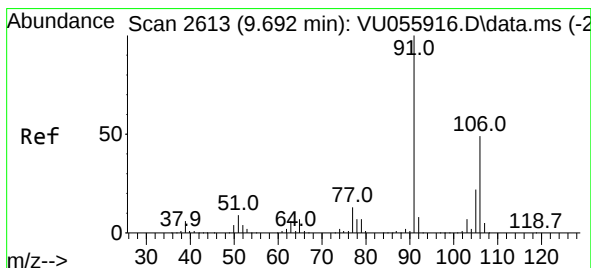
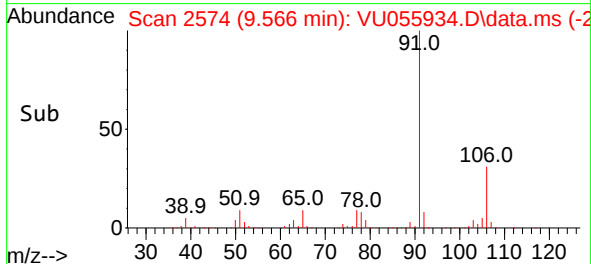
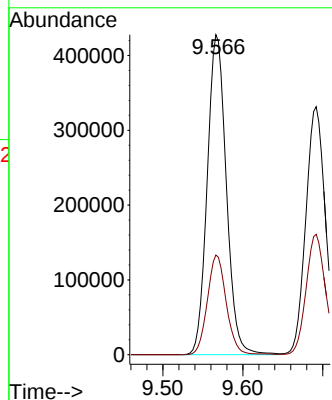
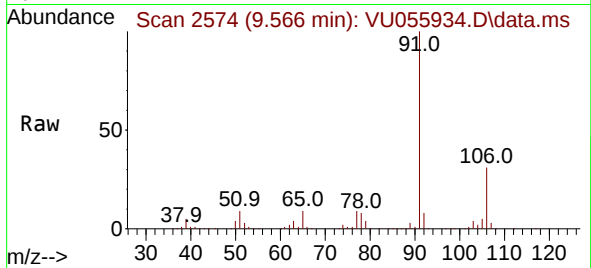




#52
Ethylbenzene
Concen: 6.697 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

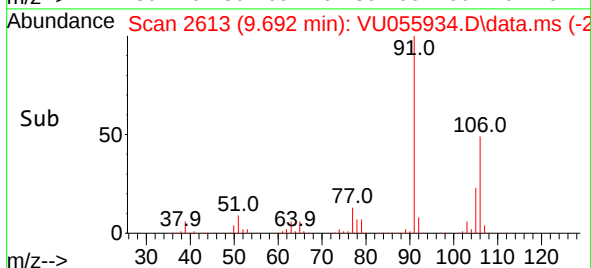
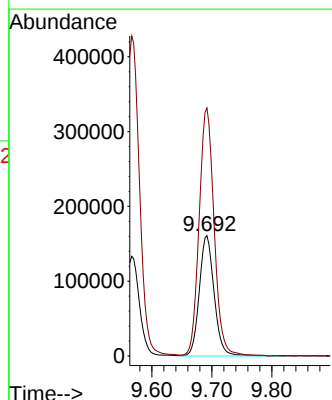
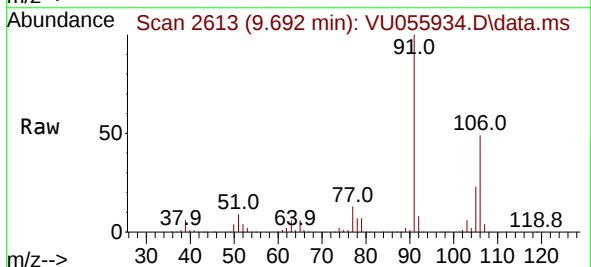
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

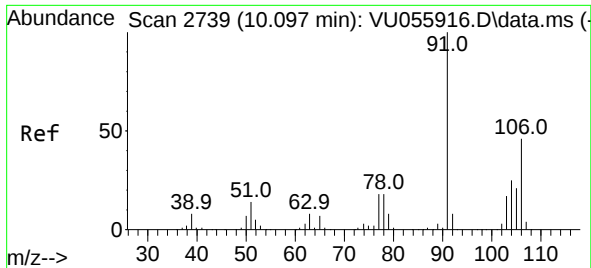
Tgt Ion: 91 Resp: 711311
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#53
m,p-Xylene
Concen: 6.972 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 106 Resp: 276706
Ion Ratio Lower Upper
106 100
91 206.0 150.4 279.2

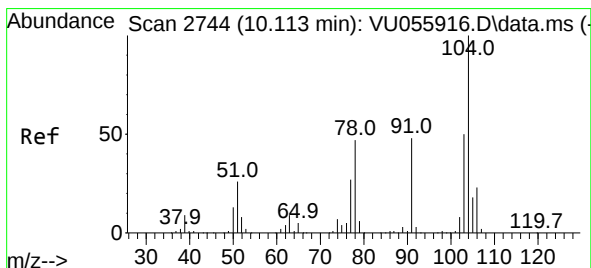
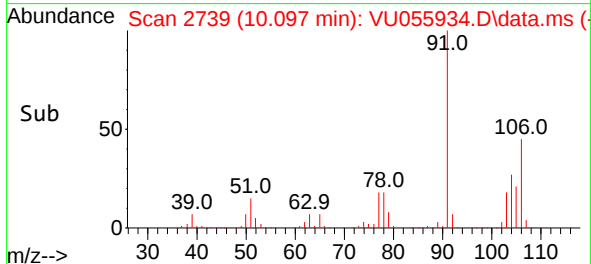
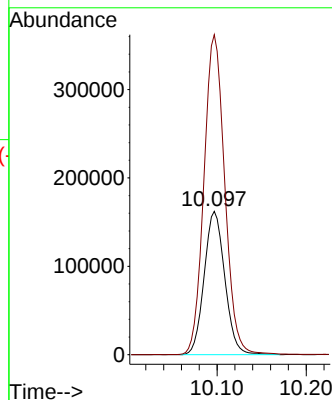
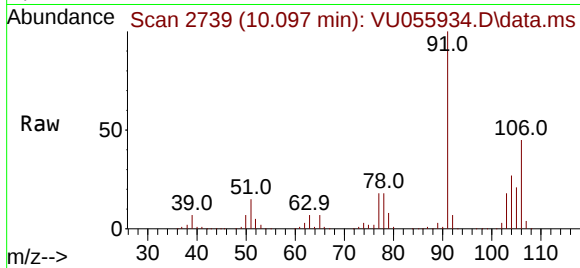




#54
o-Xylene
Concen: 6.706 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

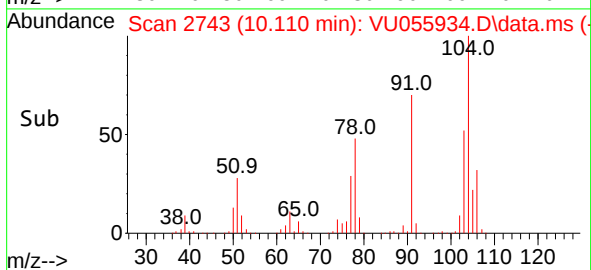
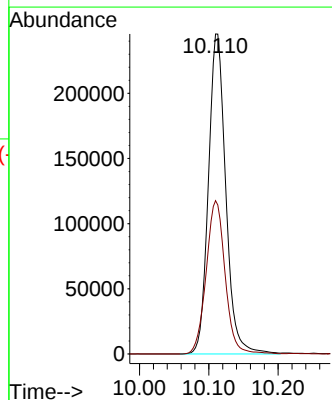
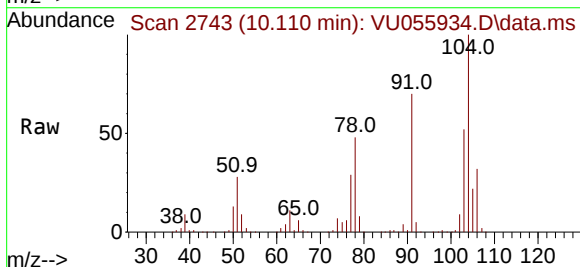
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

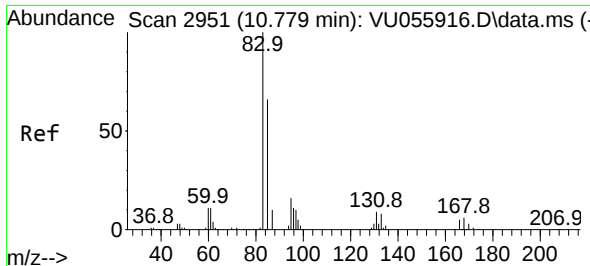
Tgt Ion:106 Resp: 260462
Ion Ratio Lower Upper
106 100
91 223.2 154.6 287.2



#55
Styrene
Concen: 6.855 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:104 Resp: 426794
Ion Ratio Lower Upper
104 100
78 47.9 33.9 63.0

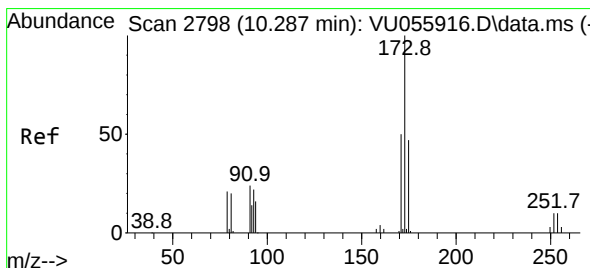
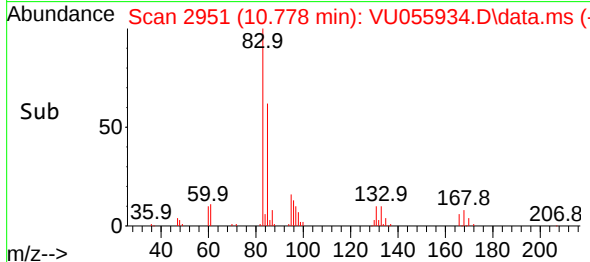
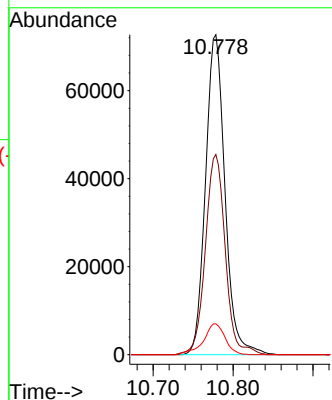
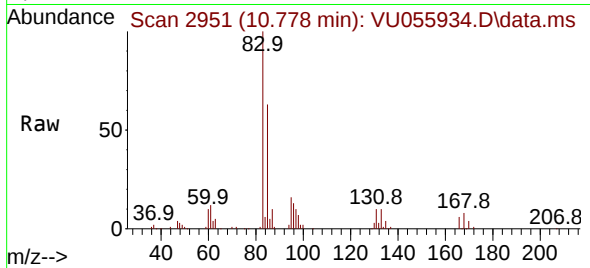




#57
1,1,2,2-Tetrachloroethane
Concen: 6.357 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

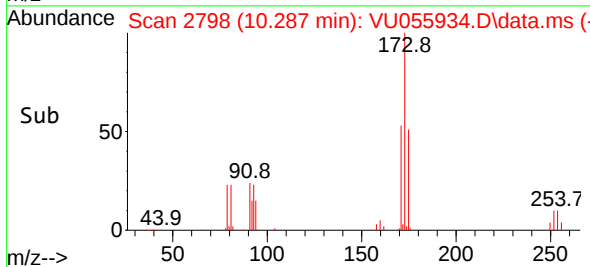
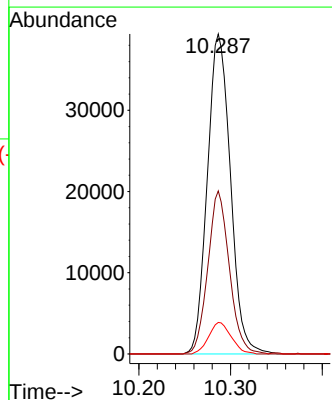
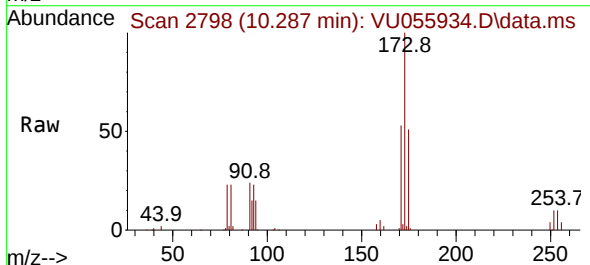
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

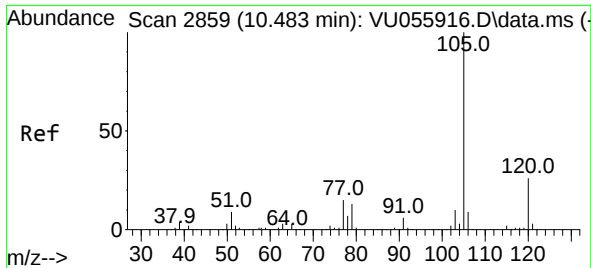
Tgt Ion: 83 Resp: 123168
Ion Ratio Lower Upper
83 100
85 62.6 46.2 85.8
131 9.6 7.2 10.8



#59
Bromoform
Concen: 6.486 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 173 Resp: 68903
Ion Ratio Lower Upper
173 100
175 47.5 37.8 56.6
254 9.6 7.4 11.0

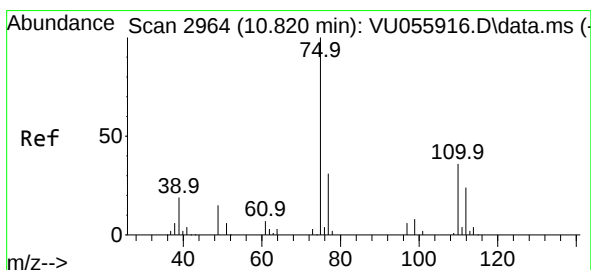
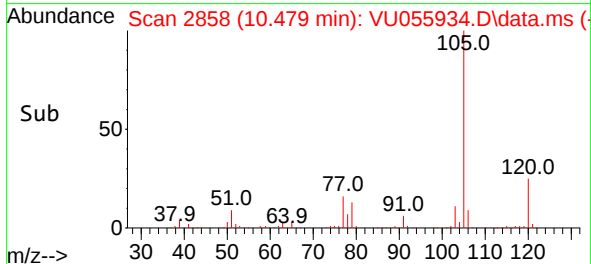
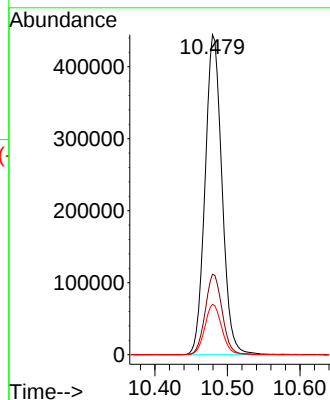
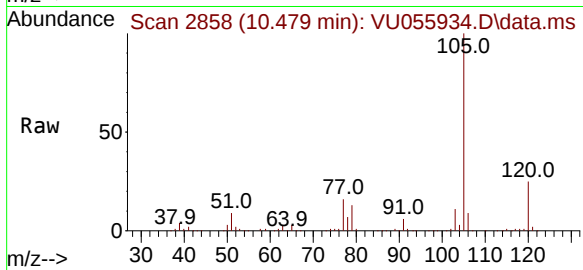




#60
Isopropylbenzene
Concen: 6.908 ug/L
RT: 10.479 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

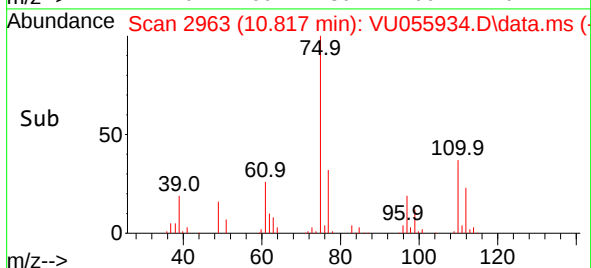
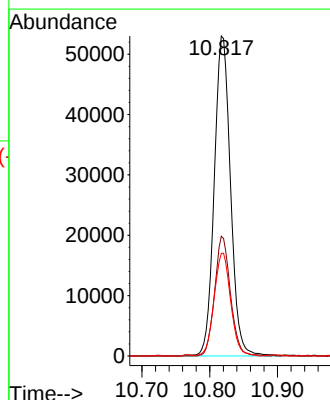
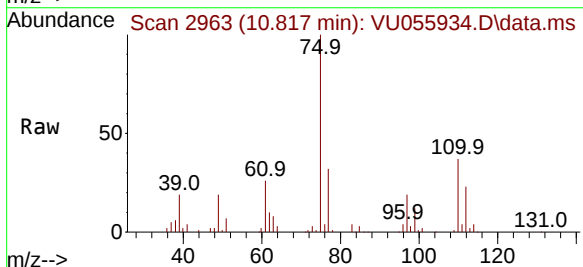
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

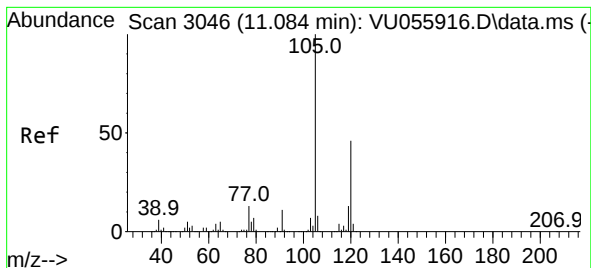
Tgt Ion:105 Resp: 718843
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.4
77 15.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 6.188 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 75 Resp: 88712
Ion Ratio Lower Upper
75 100
110 36.2 29.0 43.6
77 32.7 24.5 36.7





#62

1,3,5-Trimethylbenzene

Concen: 6.897 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

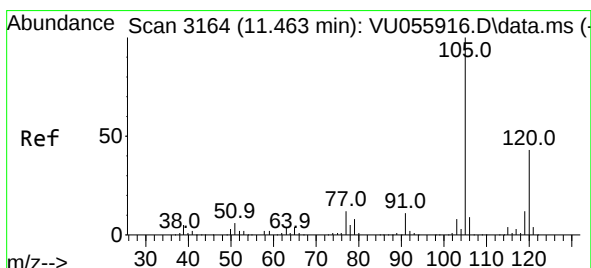
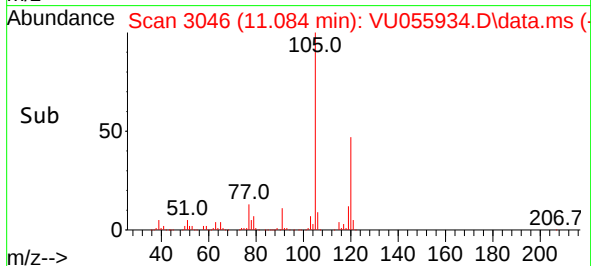
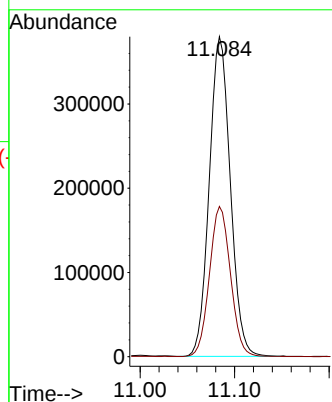
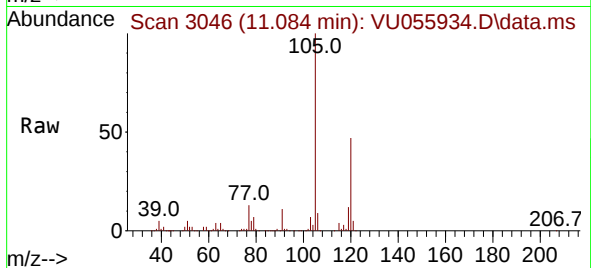
A49A1MSD

Tgt Ion:105 Resp: 586536

Ion Ratio Lower Upper

105 100

120 47.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 7.422 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU055934.D

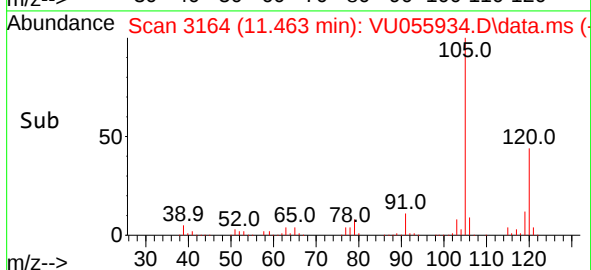
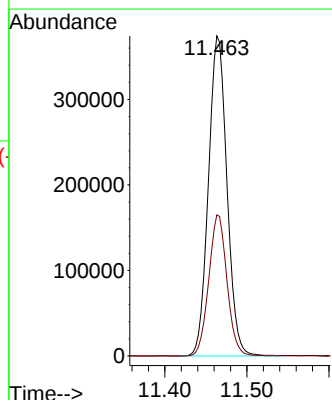
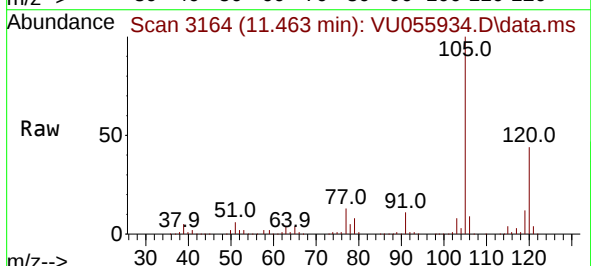
Acq: 27 Oct 2023 19:32

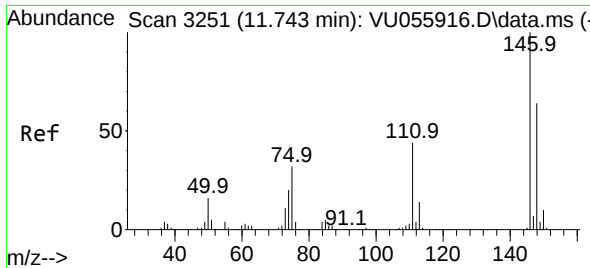
Tgt Ion:105 Resp: 586362

Ion Ratio Lower Upper

105 100

120 43.4 34.6 52.0

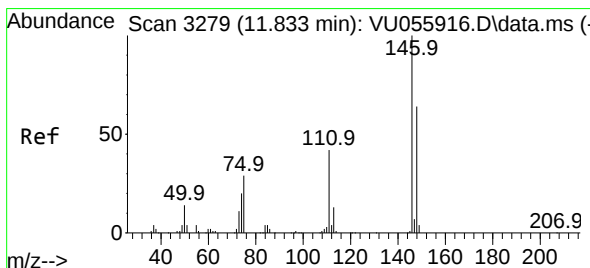
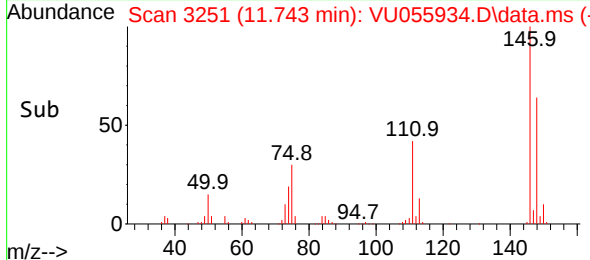
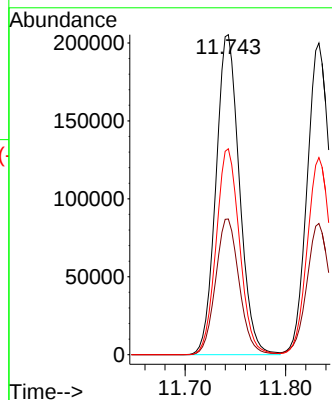
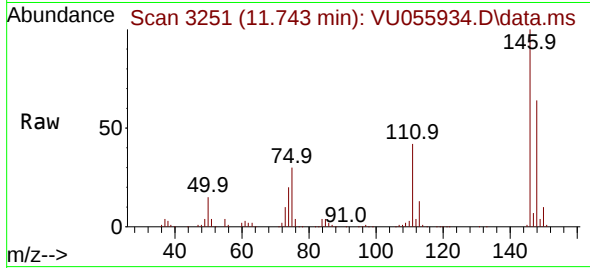




#64
1,3-Dichlorobenzene
Concen: 6.761 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

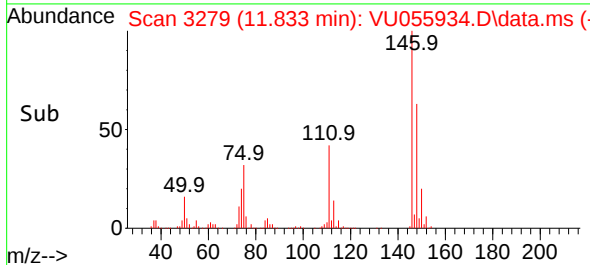
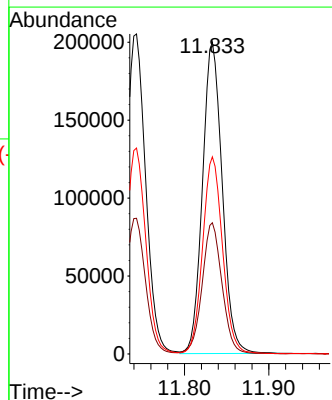
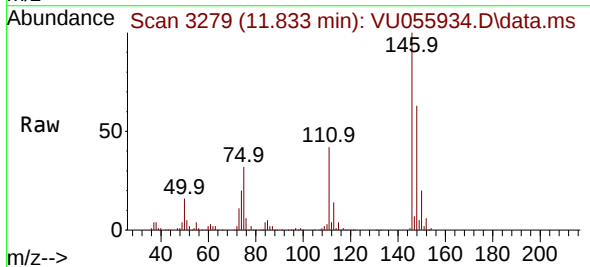
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

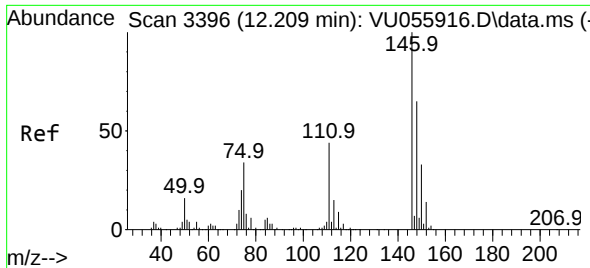
Tgt Ion:146 Resp: 333515
Ion Ratio Lower Upper
146 100
111 42.4 31.1 57.9
148 64.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 6.618 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:146 Resp: 325807
Ion Ratio Lower Upper
146 100
111 42.1 29.3 54.3
148 63.2 45.6 84.8

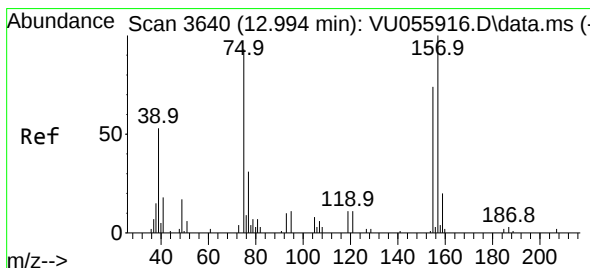
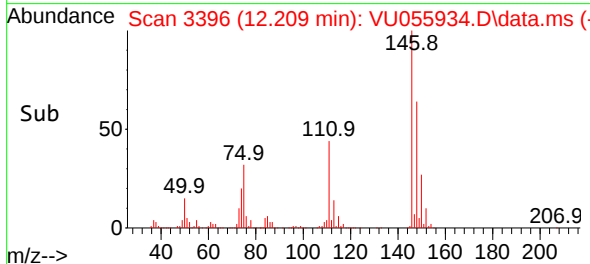
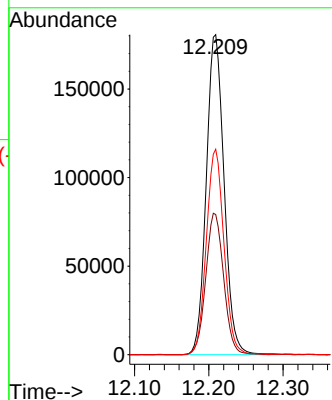
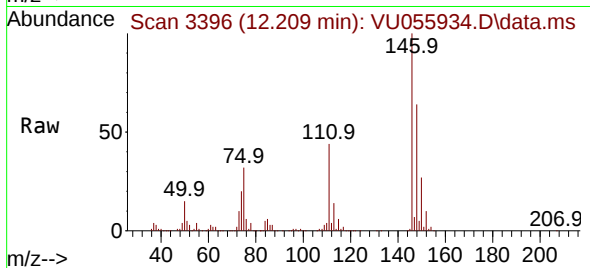




#67
1,2-Dichlorobenzene
Concen: 6.633 ug/L
RT: 12.209 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

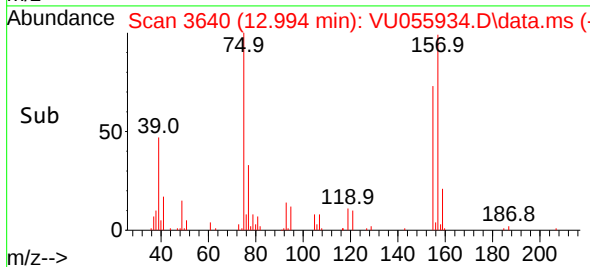
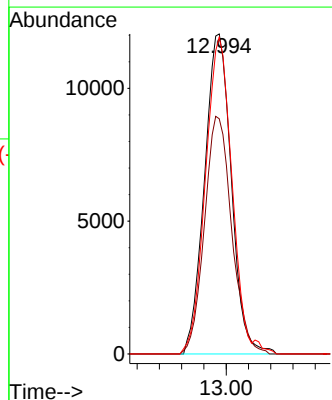
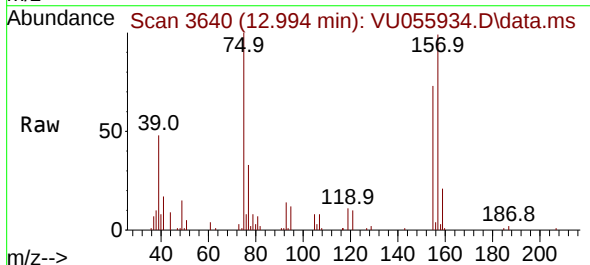
Instrument :
MSVOA_U
ClientSampleId :
A49A1MSD

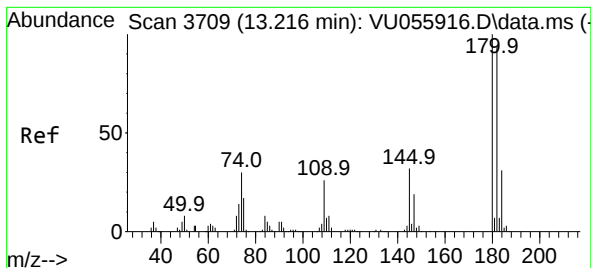
Tgt Ion:146 Resp: 300430
Ion Ratio Lower Upper
146 100
111 43.8 36.7 55.1
148 64.2 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 7.877 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 75 Resp: 20152
Ion Ratio Lower Upper
75 100
155 73.5 65.3 97.9
157 99.0 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 7.373 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

A49A1MSD

Tgt Ion:180 Resp: 248537

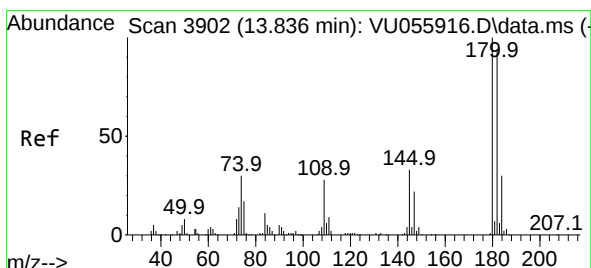
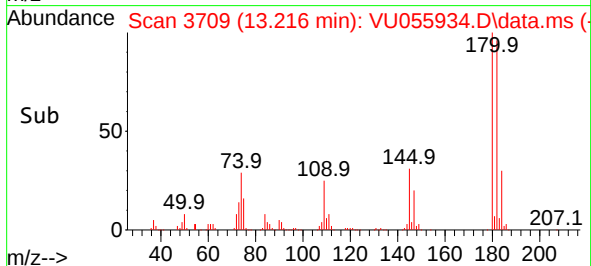
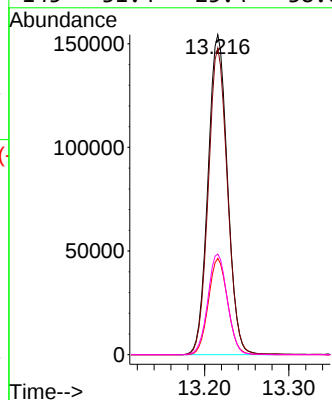
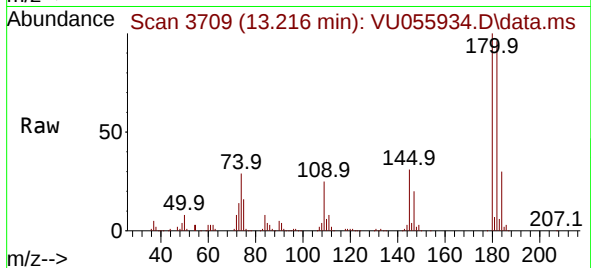
Ion Ratio Lower Upper

180 100

182 94.4 74.7 112.1

184 29.7 23.8 35.8

145 31.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 8.146 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

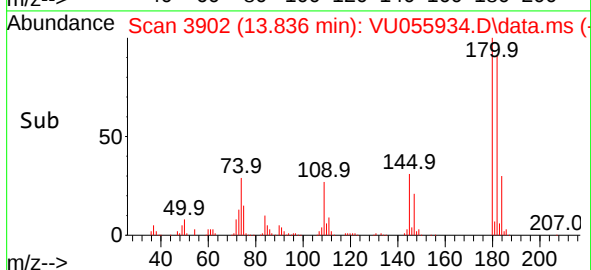
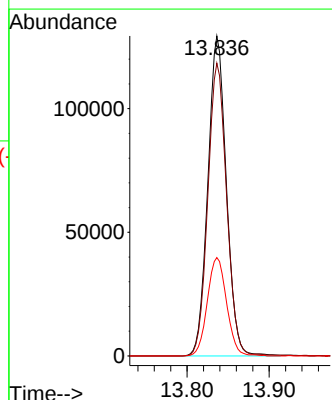
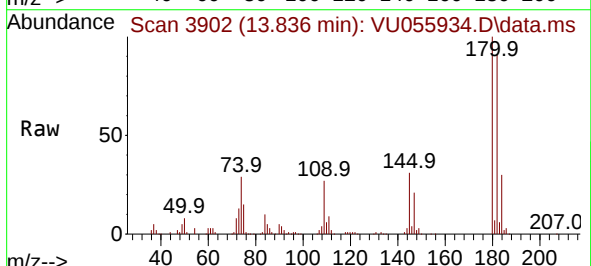
Tgt Ion:180 Resp: 202970

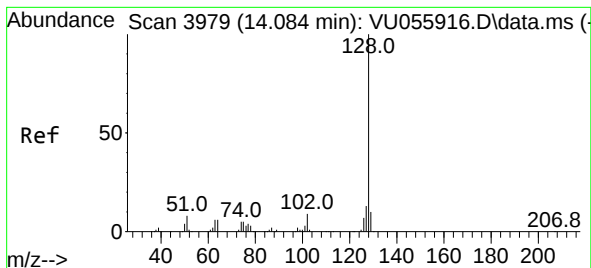
Ion Ratio Lower Upper

180 100

182 92.9 76.1 114.1

145 32.0 26.4 39.6





#71

Naphthalene

Concen: 8.690 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

A49A1MSD

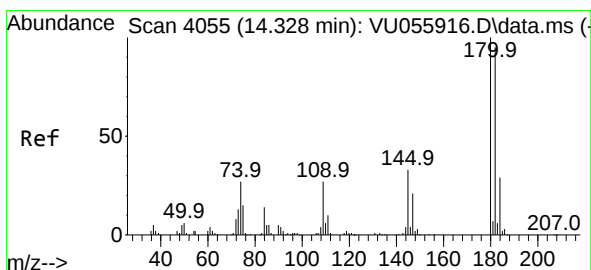
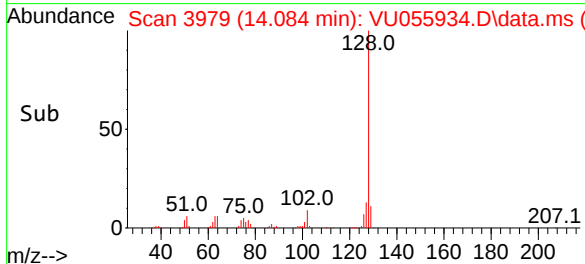
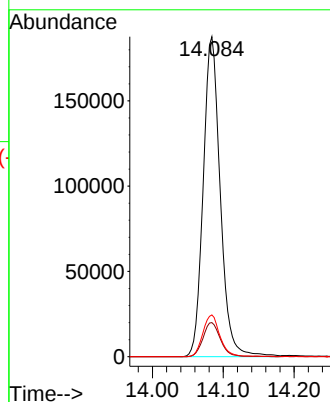
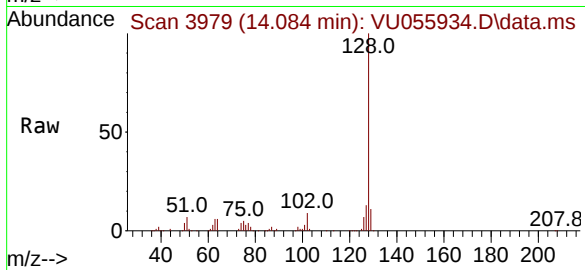
Tgt Ion:128 Resp: 313541

Ion Ratio Lower Upper

128 100

129 10.9 8.3 12.5

127 13.1 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 8.141 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Tgt Ion:180 Resp: 174879

Ion Ratio Lower Upper

180 100

182 95.1 74.6 112.0

145 34.6 27.4 41.2

