

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058186.D
 Acq On : 21 Mar 2024 16:27
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 05:02:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:55:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36153	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	30161	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.563	65	15471	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.624	46	67831	49.172	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.340%
24) Chloroform-d	5.052	84	67268	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	31904	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	135609	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	40967	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	122613	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.174	79	13738	5.115	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.627	63	53450	49.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	27441	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	40574	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	17705	4.678	ug/L	99
3) Chloromethane	1.515	50	21696	4.497	ug/L	98
5) Vinyl chloride	1.602	62	25169	4.778	ug/L	99
6) Bromomethane	1.856	94	13954	4.939	ug/L	95
8) Chloroethane	1.930	64	17262	4.969	ug/L	100
9) Trichlorofluoromethane	2.136	101	41404	4.836	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	27235	4.957	ug/L	98
12) 1,1-Dichloroethene	2.576	96	21443	4.655	ug/L	99
13) Acetone	2.637	43	46271	51.828	ug/L	100
14) Carbon disulfide	2.788	76	50043	4.862	ug/L	100
15) Methyl Acetate	2.952	43	9142	4.933	ug/L #	91
16) Methylene chloride	3.039	84	36113	5.532	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	61796	4.999	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	23432	4.867	ug/L	98
19) 1,1-Dichloroethane	3.862	63	52739	4.876	ug/L	97
21) 2-Butanone	4.702	43	66001	48.660	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	29027	4.879	ug/L	99
23) Bromochloromethane	4.968	128	11725	5.282	ug/L	91
25) Chloroform	5.078	83	55817	4.921	ug/L	91

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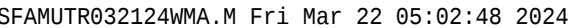
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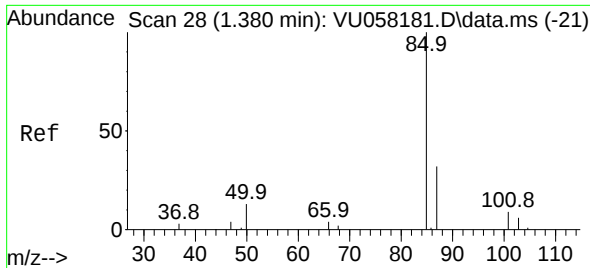
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	30692	4.766	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	44624	4.929	ug/L	99
30) Cyclohexane	5.380	56	38563	4.876	ug/L	100
31) Carbon tetrachloride	5.518	117	38496	4.995	ug/L	97
33) Benzene	5.766	78	113844	4.950	ug/L	100
34) Trichloroethene	6.534	95	29989	5.005	ug/L	97
35) Methylcyclohexane	6.756	83	41173	4.927	ug/L	99
37) 1,2-Dichloropropane	6.782	63	31648	4.926	ug/L	100
38) Bromodichloromethane	7.097	83	37200	5.051	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	41767	5.126	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	161427	49.688	ug/L	99
42) Toluene	7.962	91	120744	4.969	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	33617	5.243	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	20057	4.956	ug/L	99
47) Tetrachloroethene	8.547	164	20010	4.986	ug/L	99
48) 2-Hexanone	8.679	43	123506	52.202	ug/L	96
49) Dibromochloromethane	8.801	129	23206	5.240	ug/L	99
50) 1,2-Dibromoethane	8.917	107	17430	5.003	ug/L #	97
51) Chlorobenzene	9.441	112	76867	4.909	ug/L	100
52) Ethylbenzene	9.563	91	134263	4.948	ug/L	97
53) m,p-Xylene	9.688	106	48831	5.051	ug/L	100
54) o-Xylene	10.094	106	49634	5.086	ug/L	99
55) Styrene	10.106	104	80918	5.251	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	23529	4.933	ug/L	96
59) Bromoform	10.283	173	11387	5.117	ug/L	99
60) Isopropylbenzene	10.476	105	128921	5.065	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17904	5.046	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	108922	5.099	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	107470	5.066	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	59057	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	56875	4.964	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	53616	4.891	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3494	6.530	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	44245	5.338	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	32982	5.335	ug/L	98
71) Naphthalene	14.084	128	43504	5.167	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	26390	5.213	ug/L	96

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

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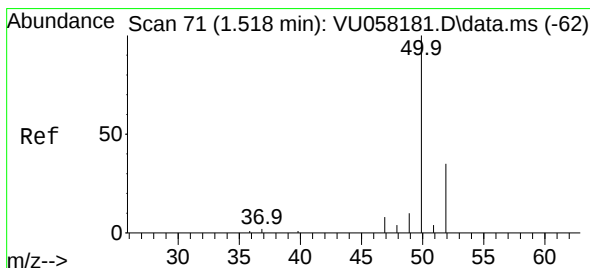
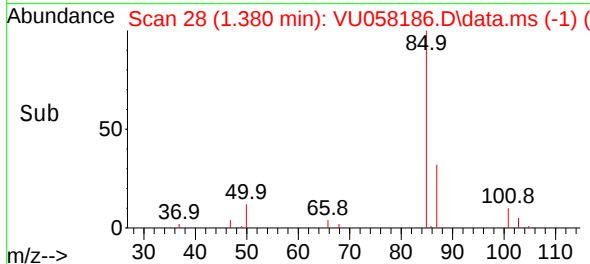
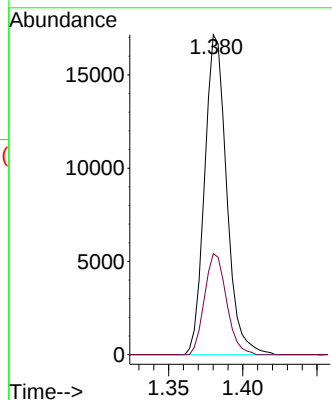
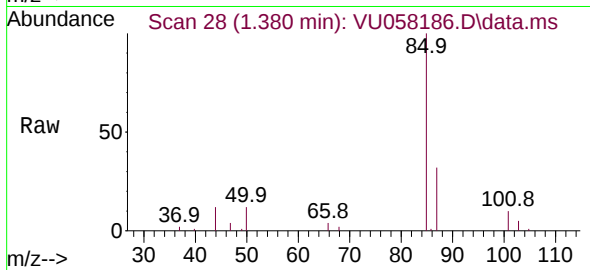




#2
 Dichlorodifluoromethane
 Concen: 4.678 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058186.D
 Acq: 21 Mar 2024 16:27

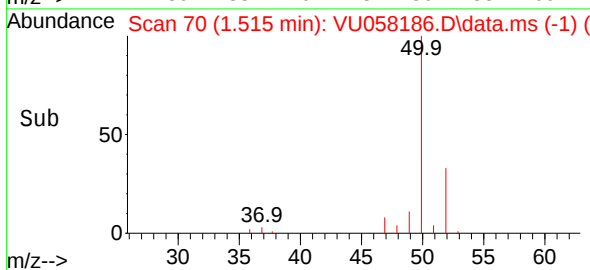
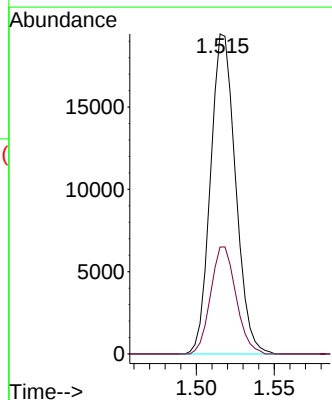
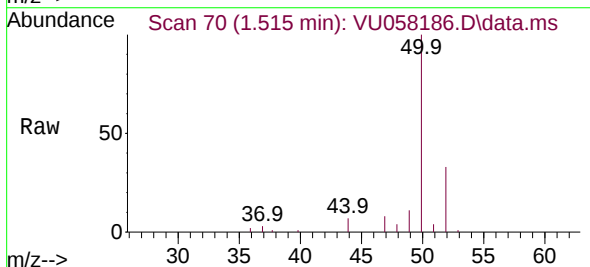
Instrument :
 MSVOA_U
 ClientSampleId :

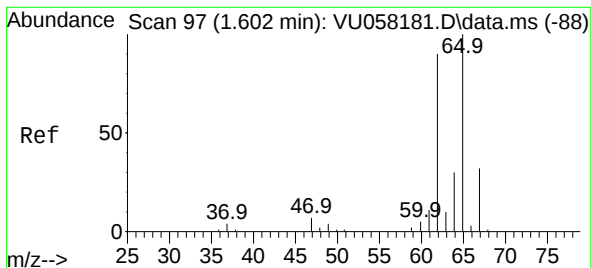
Tgt Ion: 85 Resp: 17705
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.8 38.8



#3
 Chloromethane
 Concen: 4.497 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU058186.D
 Acq: 21 Mar 2024 16:27

Tgt Ion: 50 Resp: 21696
 Ion Ratio Lower Upper
 50 100
 52 33.4 24.2 45.0





#5

Vinyl chloride

Concen: 4.778 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

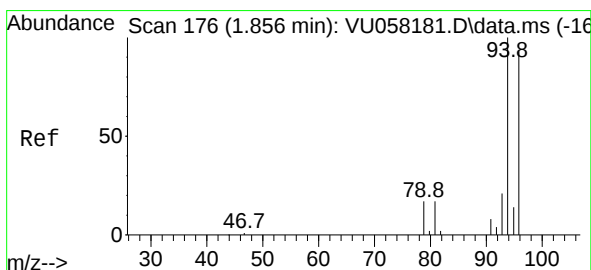
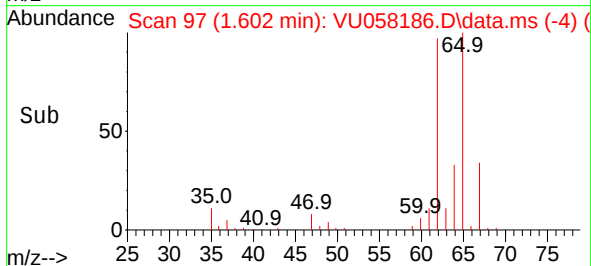
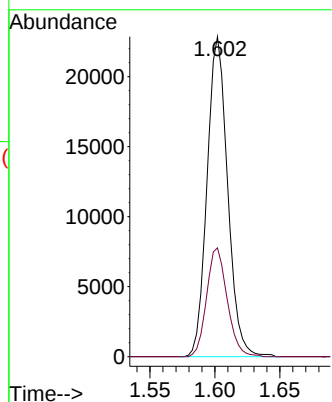
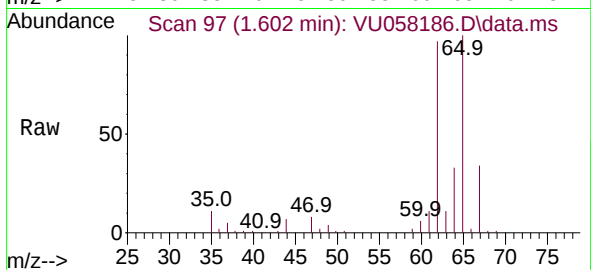
ClientSampleId :

Tgt Ion: 62 Resp: 25169

Ion Ratio Lower Upper

62 100

64 34.0 23.4 43.6



#6

Bromomethane

Concen: 4.939 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU058186.D

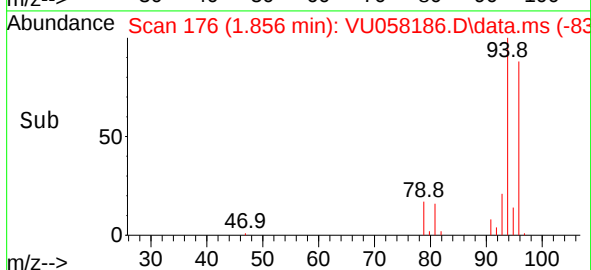
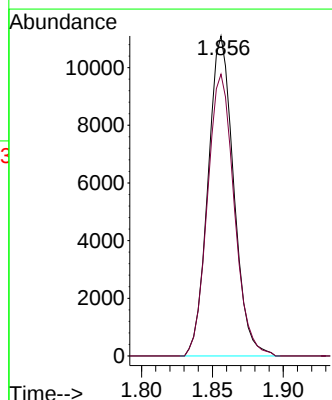
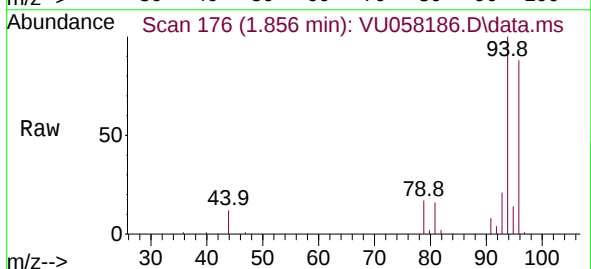
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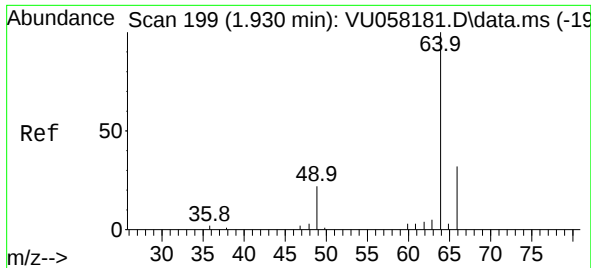
Tgt Ion: 94 Resp: 13954

Ion Ratio Lower Upper

94 100

96 88.1 64.8 120.4

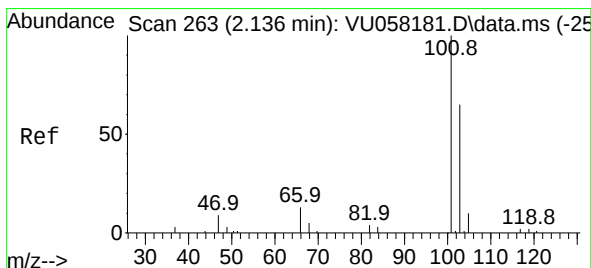
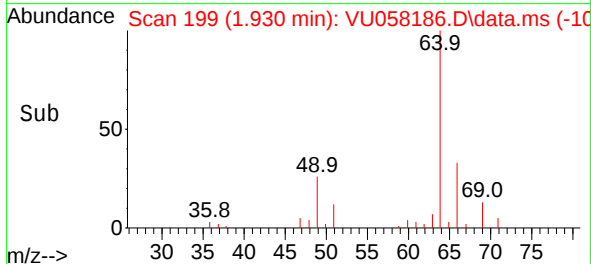
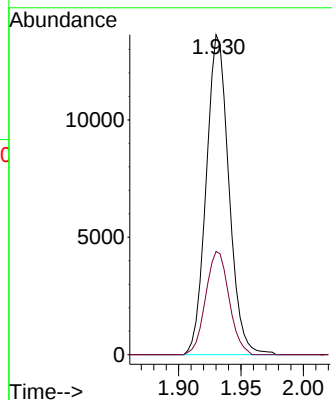
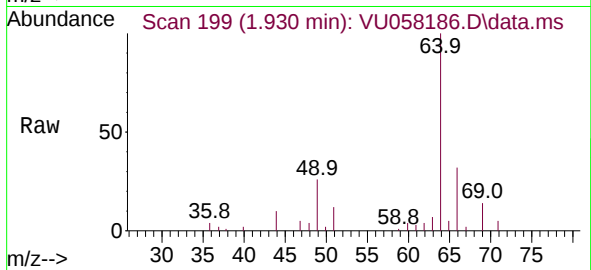




#8
Chloroethane
Concen: 4.969 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

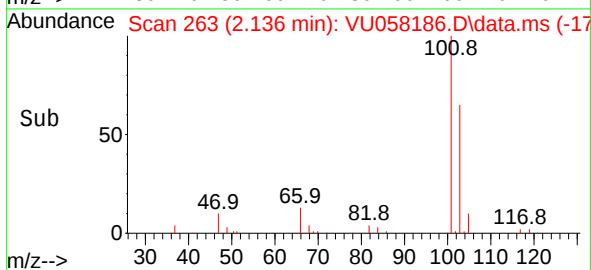
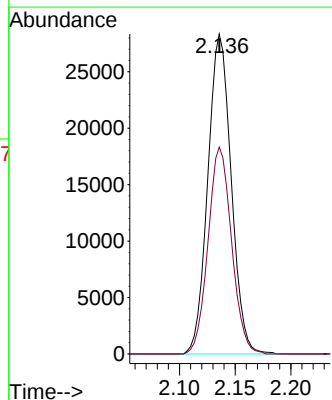
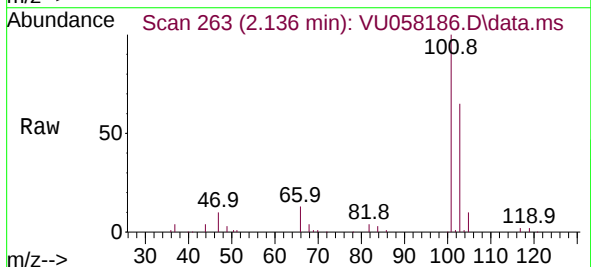
Instrument :
MSVOA_U
ClientSampleId :

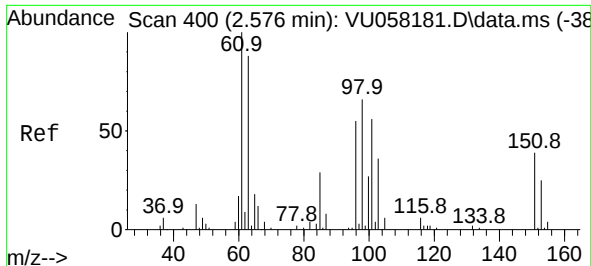
Tgt Ion: 64 Resp: 17262
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.836 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion:101 Resp: 41404
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

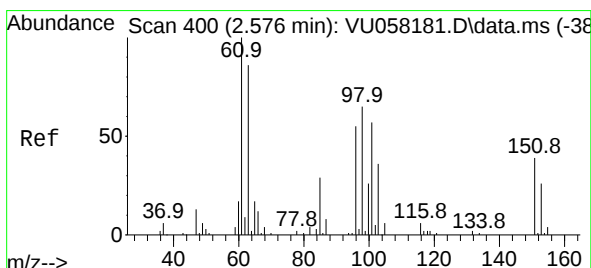
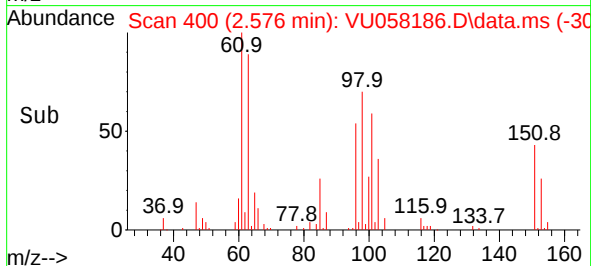
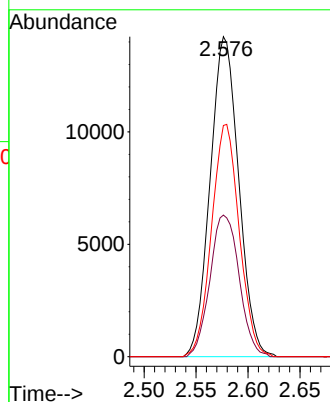
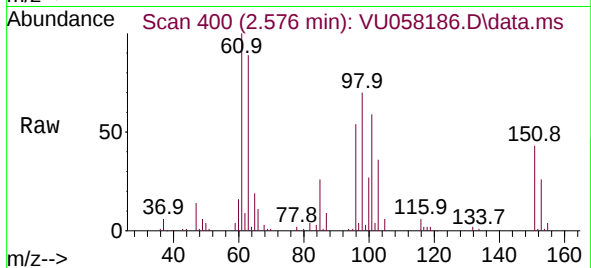




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.957 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU058186.D
 Acq: 21 Mar 2024 16:27

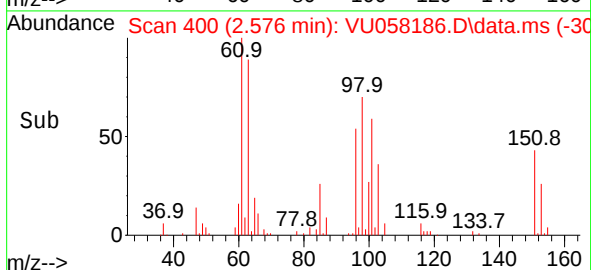
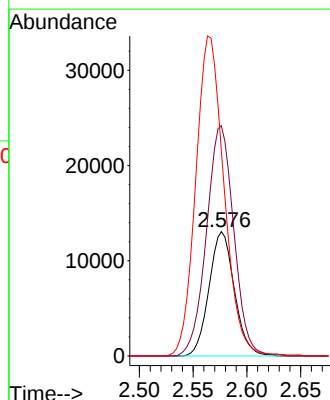
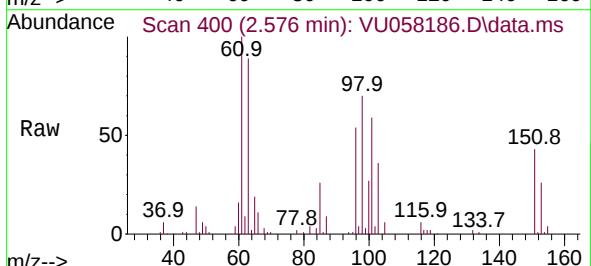
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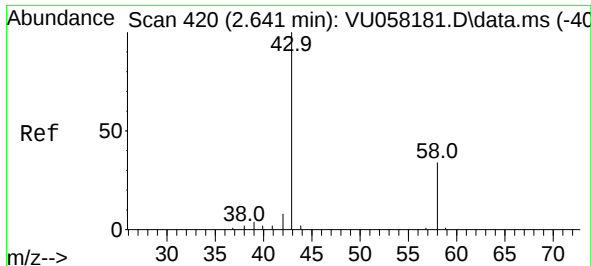
Tgt Ion:101 Resp: 27235
 Ion Ratio Lower Upper
 101 100
 85 45.2 37.9 56.9
 151 70.4 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.655 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU058186.D
 Acq: 21 Mar 2024 16:27

Tgt Ion: 96 Resp: 21443
 Ion Ratio Lower Upper
 96 100
 61 185.2 128.1 237.9
 63 165.4 116.8 217.0





#13

Acetone

Concen: 51.828 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

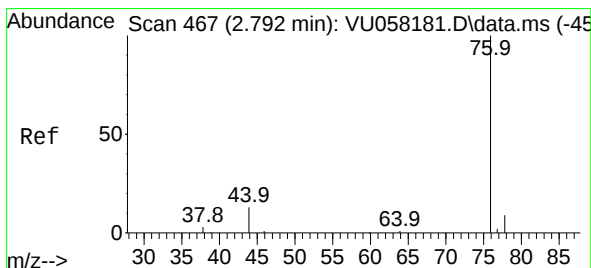
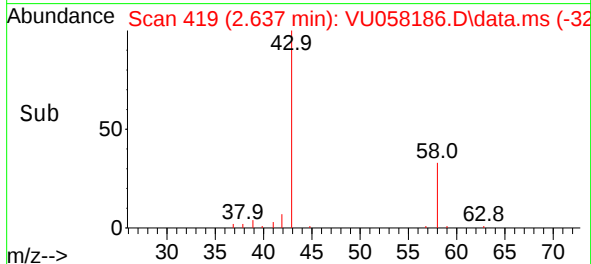
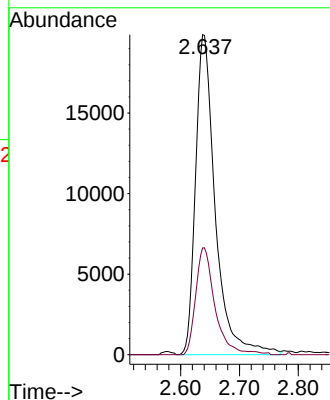
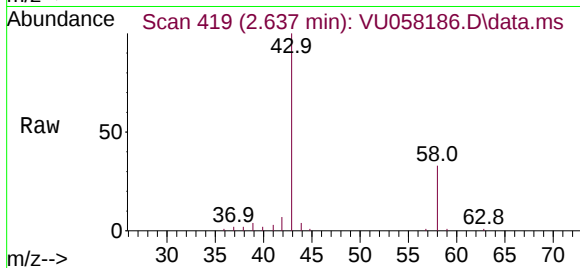
ClientSampleId :

Tgt Ion: 43 Resp: 46271

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.6



#14

Carbon disulfide

Concen: 4.862 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU058186.D

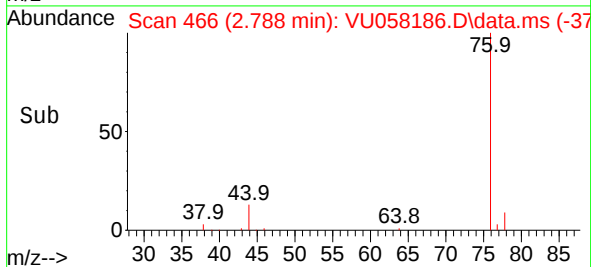
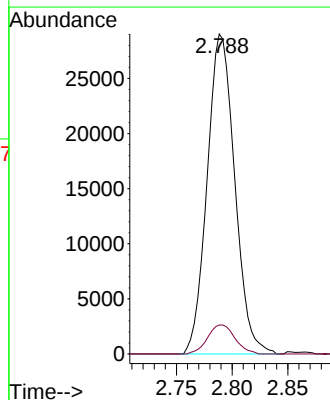
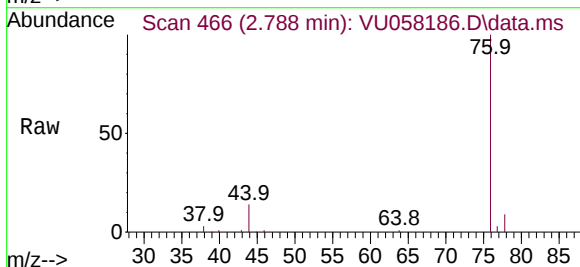
Acq: 21 Mar 2024 16:27

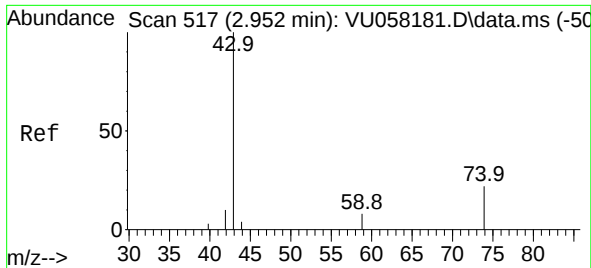
Tgt Ion: 76 Resp: 50043

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 4.933 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

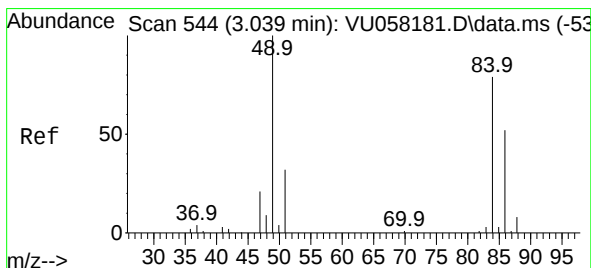
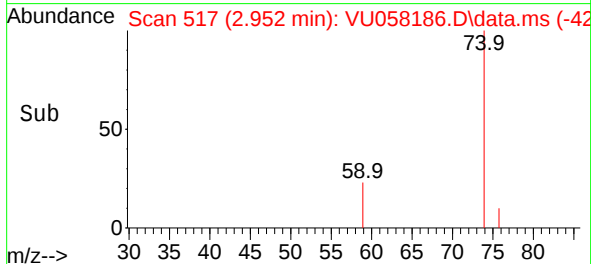
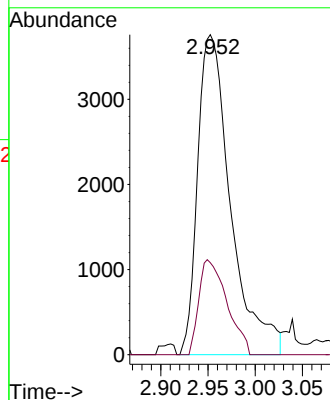
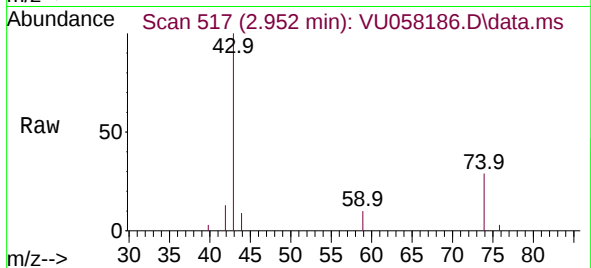
ClientSampleId :

Tgt Ion: 43 Resp: 9142

Ion Ratio Lower Upper

43 100

74 25.2 16.8 25.2#



#16

Methylene chloride

Concen: 5.532 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

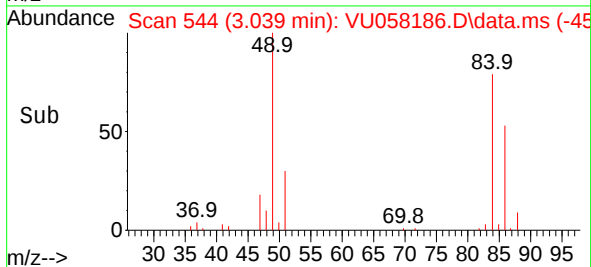
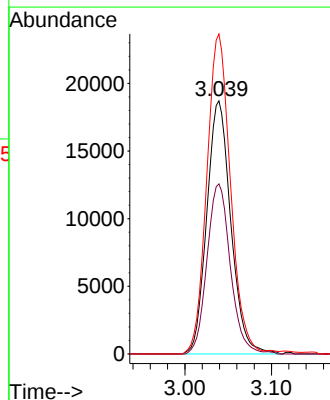
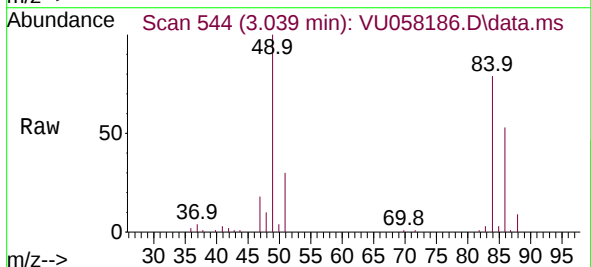
Tgt Ion: 84 Resp: 36113

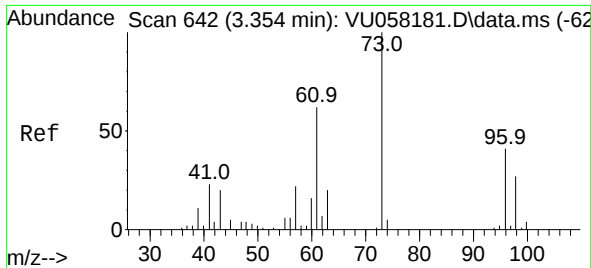
Ion Ratio Lower Upper

84 100

86 67.2 45.6 84.6

49 126.4 88.3 163.9

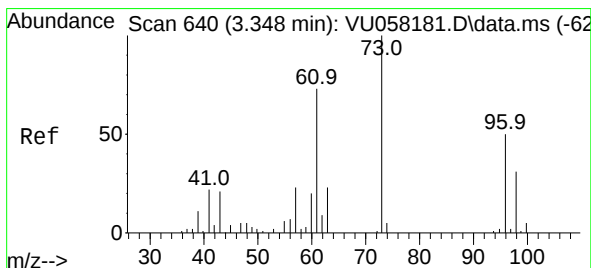
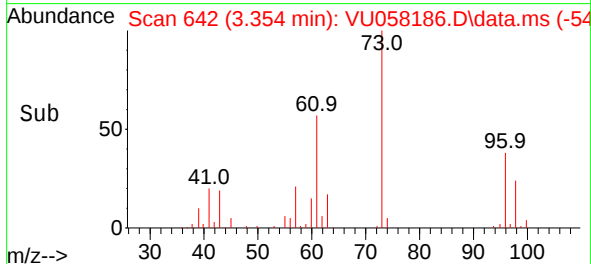
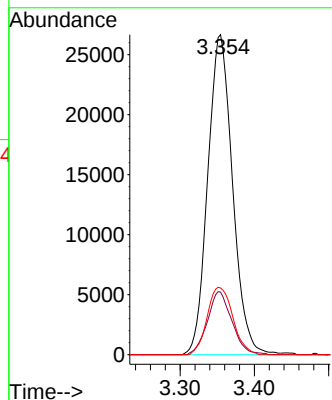
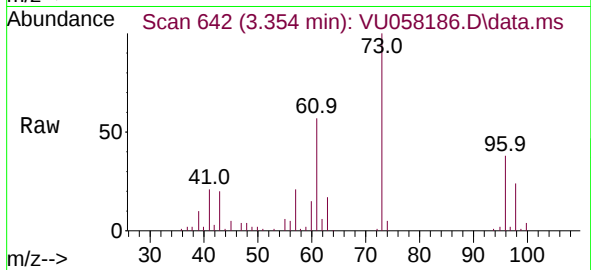




#17
Methyl tert-butyl Ether
Concen: 4.999 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

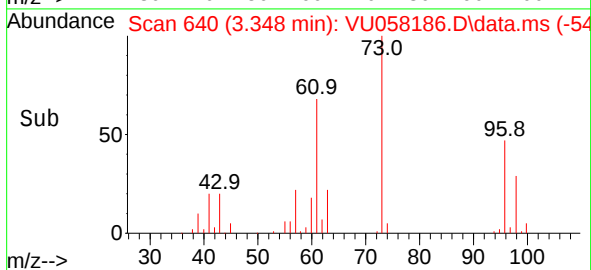
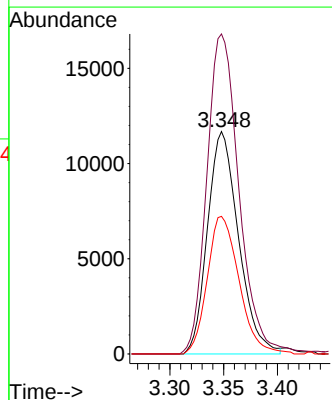
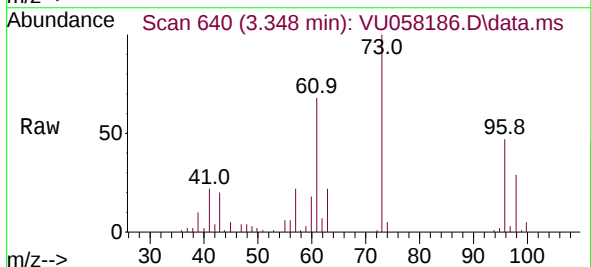
Instrument :
MSVOA_U
ClientSampleId :

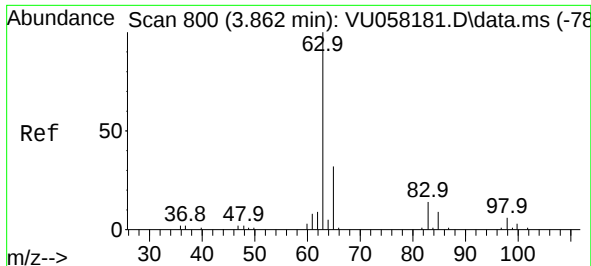
Tgt Ion: 73	Resp: 61796
Ion Ratio	Lower Upper
73 100	
43 19.4	15.5 23.3
57 21.8	18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.867 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion: 96	Resp: 23432
Ion Ratio	Lower Upper
96 100	
61 143.9	102.5 190.3
98 61.8	44.0 81.8

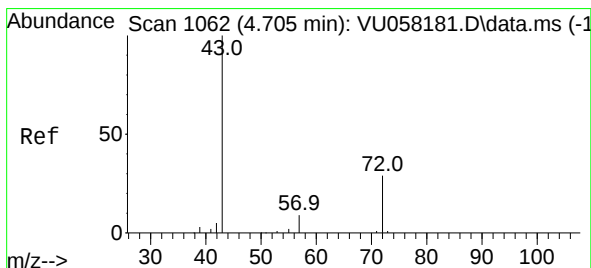
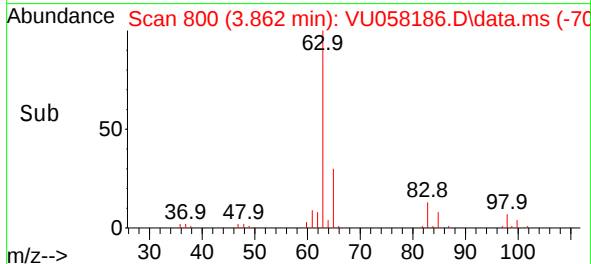
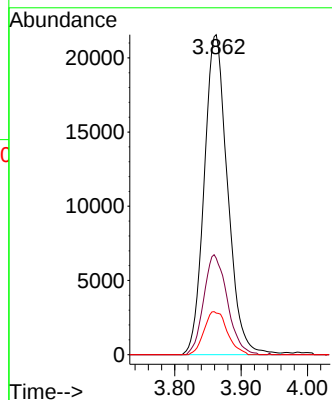
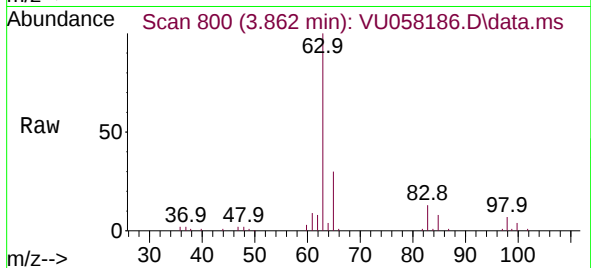




#19
1,1-Dichloroethane
Concen: 4.876 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

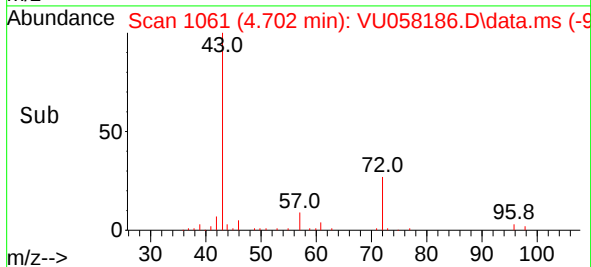
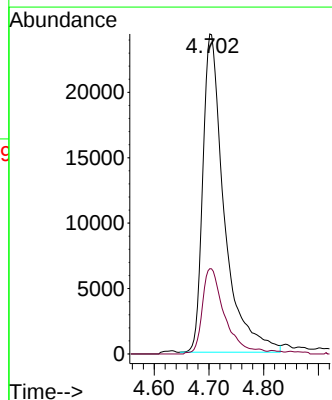
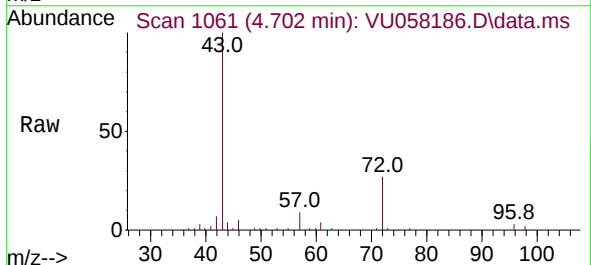
Instrument :
MSVOA_U
ClientSampleId :

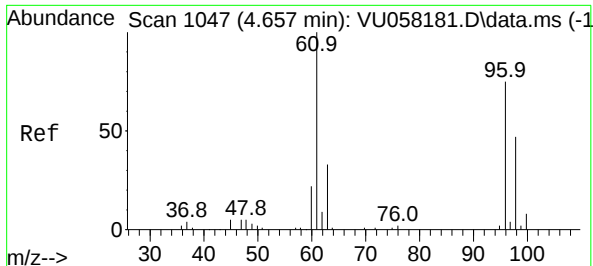
Tgt Ion: 63 Resp: 52739
Ion Ratio Lower Upper
63 100
65 30.2 22.3 41.5
83 13.0 10.0 18.6



#21
2-Butanone
Concen: 48.660 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion: 43 Resp: 66001
Ion Ratio Lower Upper
43 100
72 27.4 14.0 41.9





#22

cis-1,2-Dichloroethene

Concen: 4.879 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

ClientSampleId :

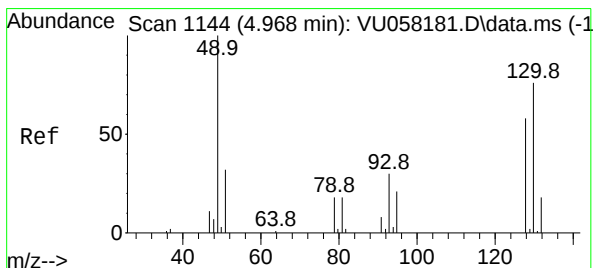
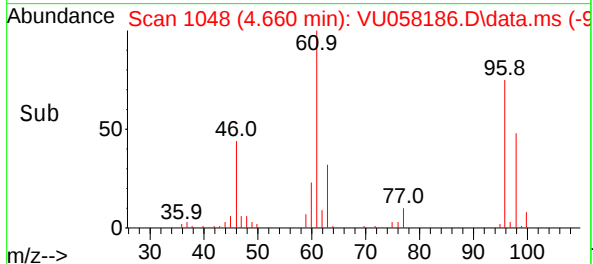
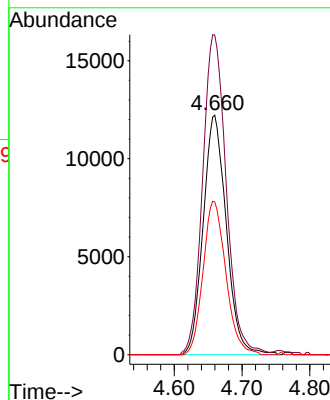
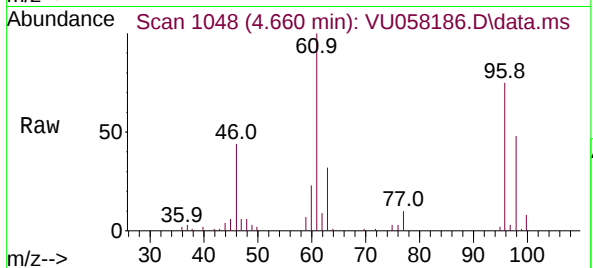
Tgt Ion: 96 Resp: 29027

Ion Ratio Lower Upper

96 100

61 133.4 92.8 172.4

98 63.8 43.2 80.2



#23

Bromochloromethane

Concen: 5.282 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Tgt Ion:128 Resp: 11725

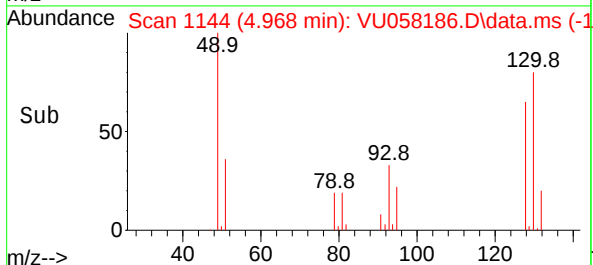
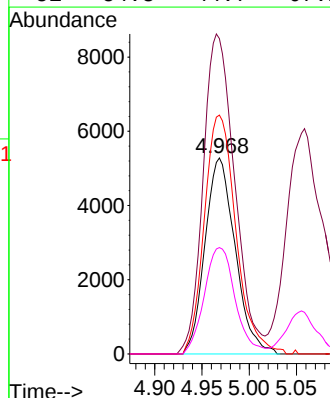
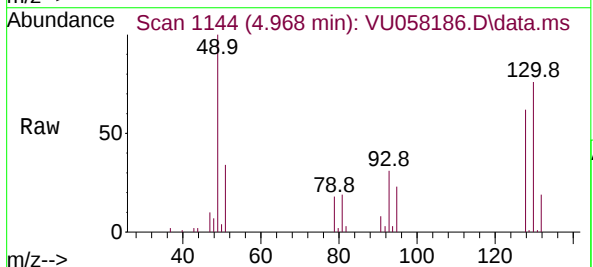
Ion Ratio Lower Upper

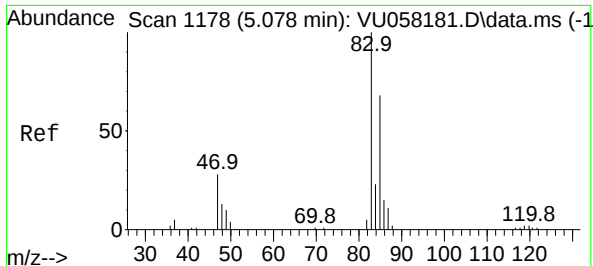
128 100

49 160.9 125.0 232.2

130 121.9 92.3 171.5

51 54.3 44.7 67.1

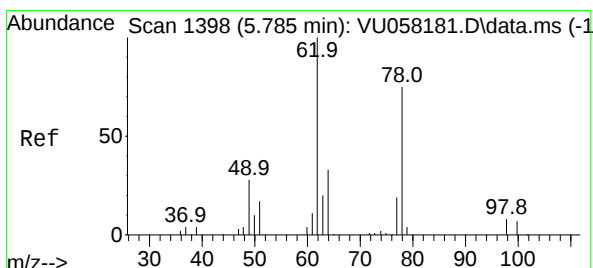
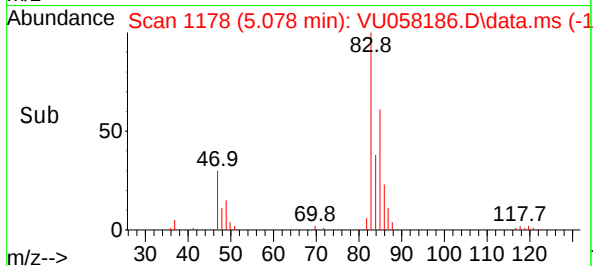
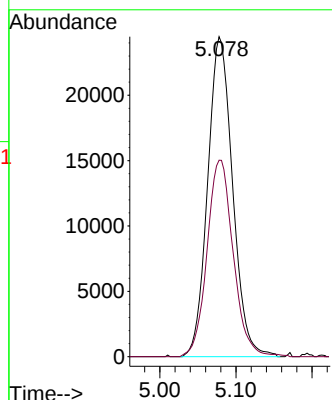
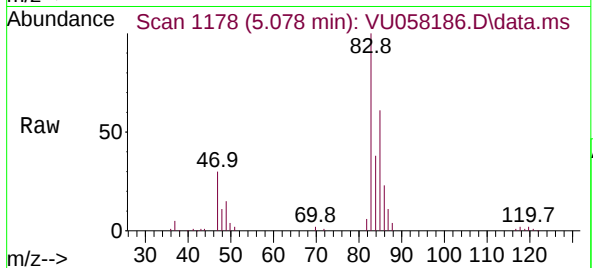




#25
Chloroform
Concen: 4.921 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

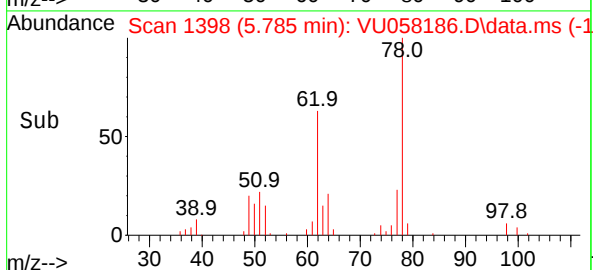
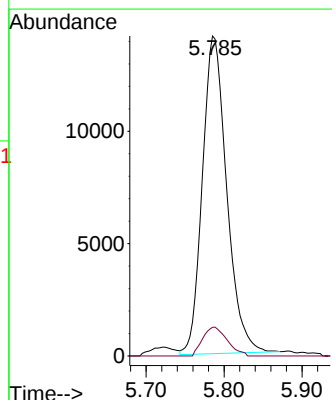
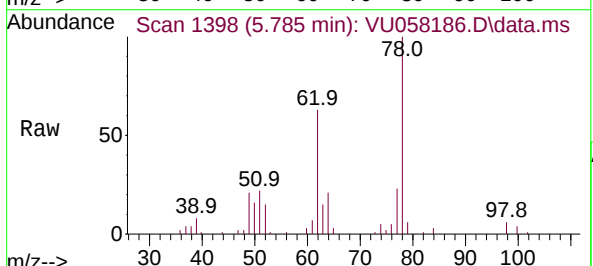
Instrument :
MSVOA_U
ClientSampleId :

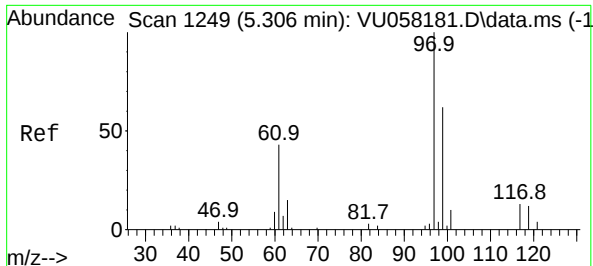
Tgt Ion: 83 Resp: 55817
Ion Ratio Lower Upper
83 100
85 61.4 47.9 88.9



#27
1,2-Dichloroethane
Concen: 4.766 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion: 62 Resp: 30692
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0

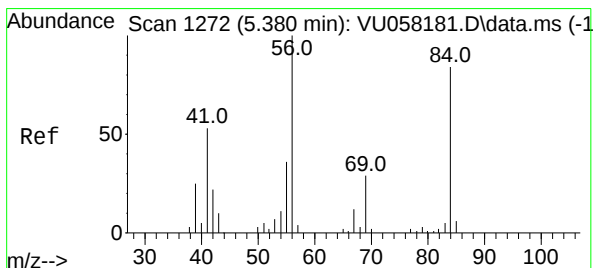
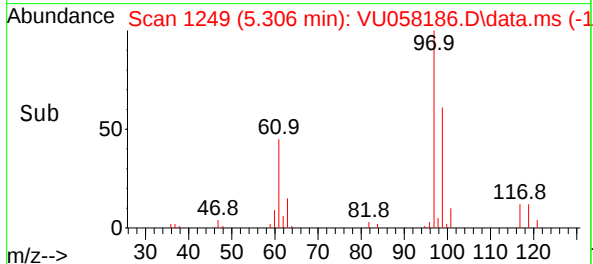
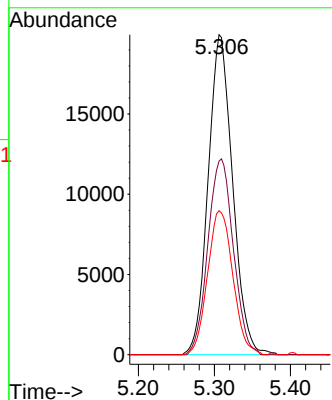
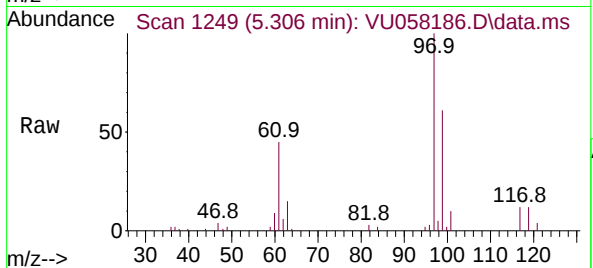




#29
1,1,1-Trichloroethane
Concen: 4.929 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

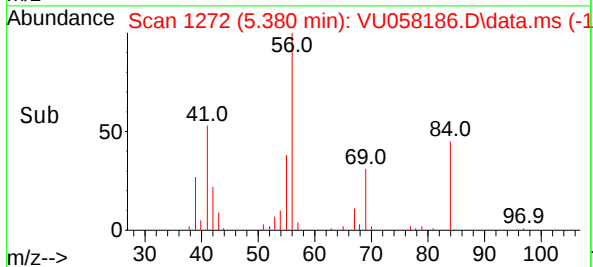
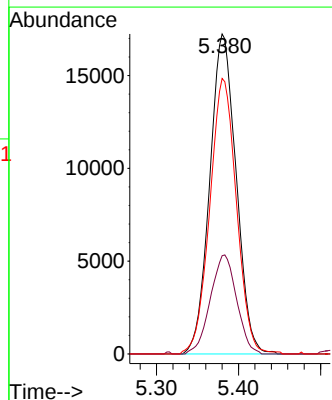
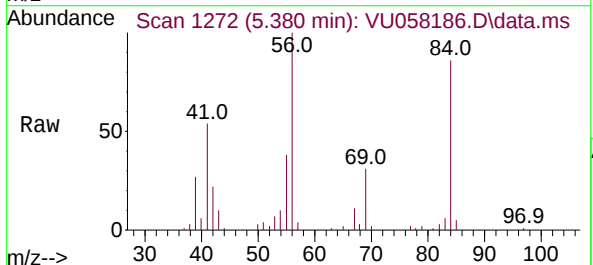
Instrument :
MSVOA_U
ClientSampleId :

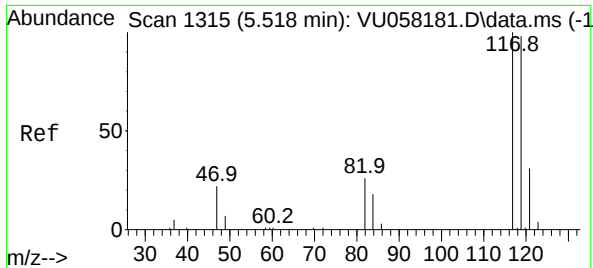
Tgt Ion: 97	Resp: 44624
Ion Ratio	Lower Upper
97 100	
99 63.6	50.5 75.7
61 46.4	36.3 54.5



#30
Cyclohexane
Concen: 4.876 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion: 56	Resp: 38563
Ion Ratio	Lower Upper
56 100	
69 30.8	24.2 36.2
84 86.9	69.7 104.5

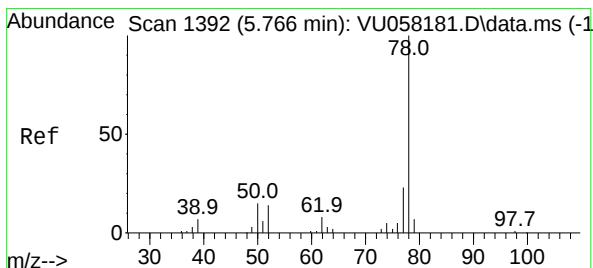
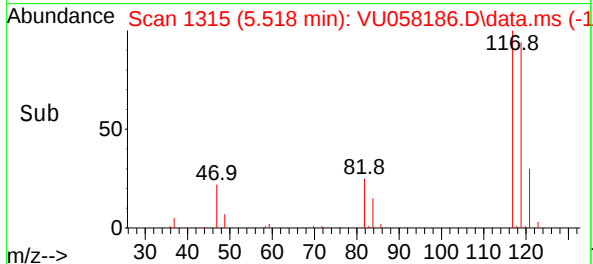
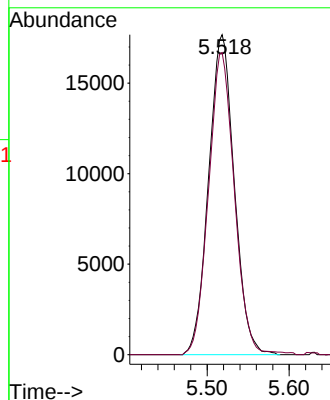
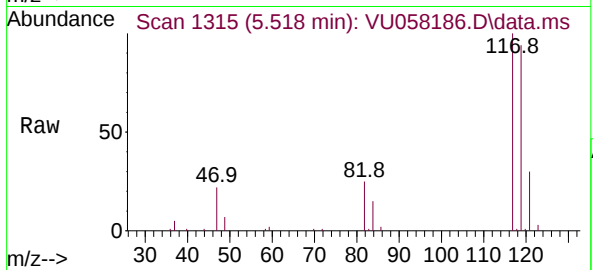




#31
Carbon tetrachloride
Concen: 4.995 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

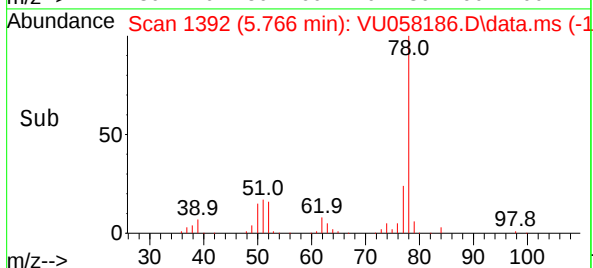
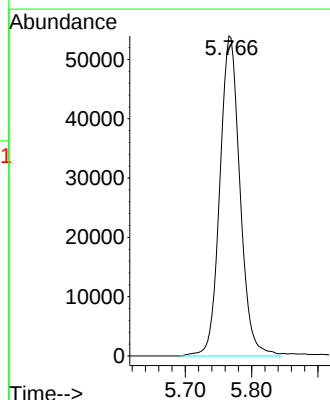
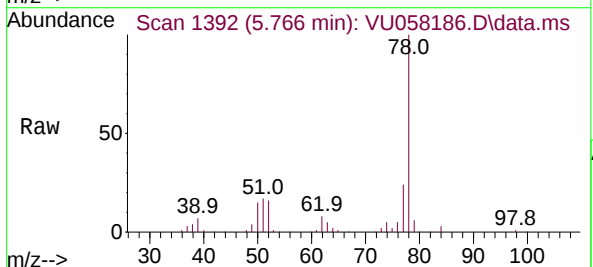
Instrument :
MSVOA_U
ClientSampleId :

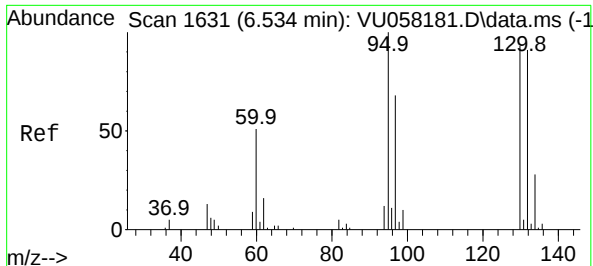
Tgt Ion:117 Resp: 38496
Ion Ratio Lower Upper
117 100
119 95.0 78.1 117.1



#33
Benzene
Concen: 4.950 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

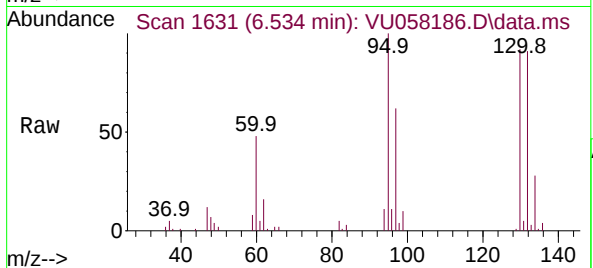
Tgt Ion: 78 Resp: 113844



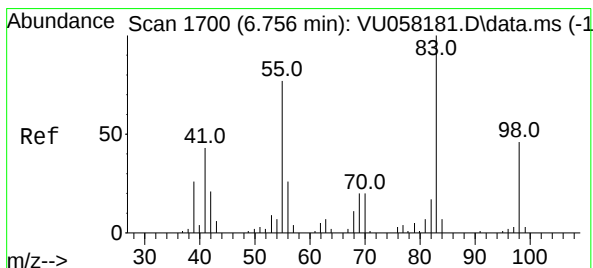
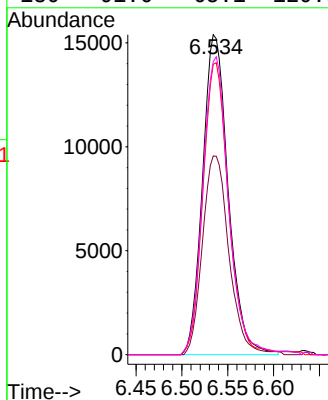
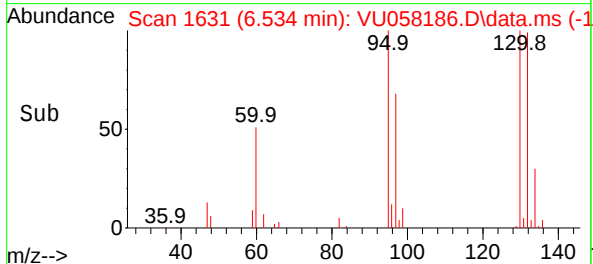


#34
Trichloroethene
Concen: 5.005 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

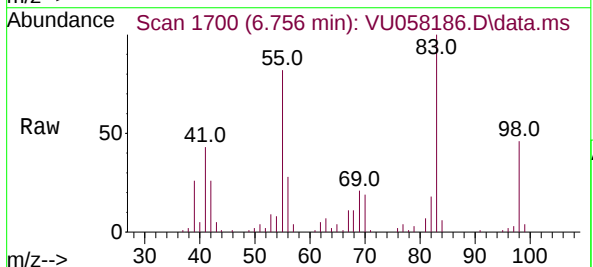
Instrument :
MSVOA_U
ClientSampleId :



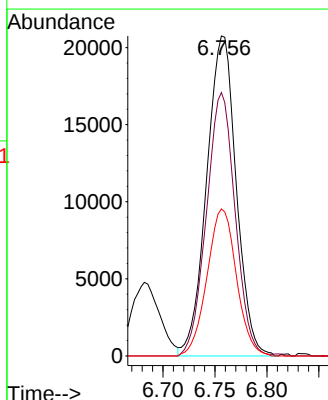
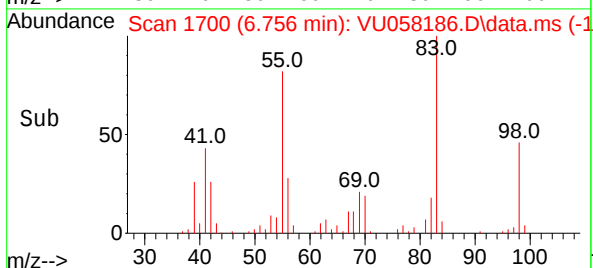
Tgt Ion: 95 Resp: 29989
Ion Ratio Lower Upper
95 100
97 62.1 47.7 88.7
132 90.7 63.6 118.2
130 91.6 65.1 120.9

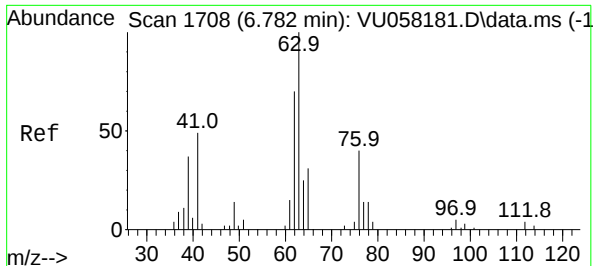


#35
Methylcyclohexane
Concen: 4.927 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27



Tgt Ion: 83 Resp: 41173
Ion Ratio Lower Upper
83 100
55 79.7 62.7 94.1
98 45.6 37.3 55.9

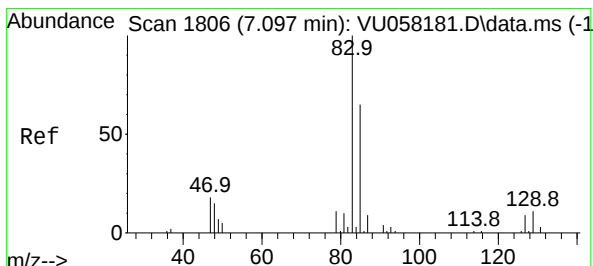
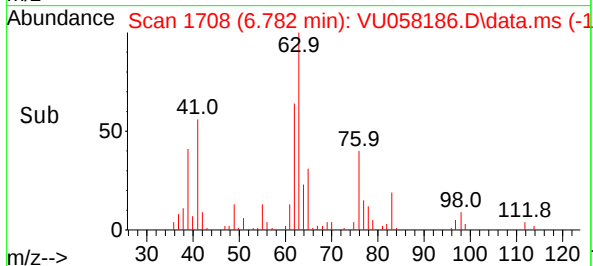
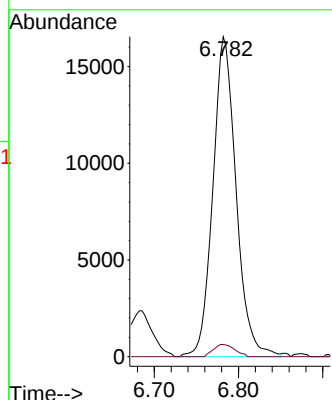
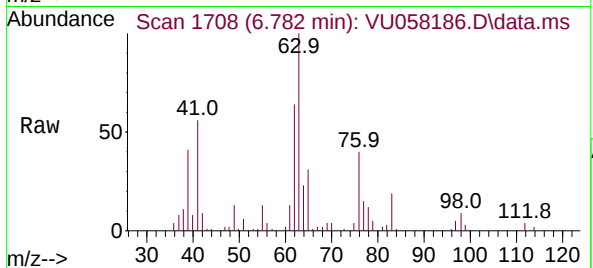




#37
1,2-Dichloropropane
Concen: 4.926 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

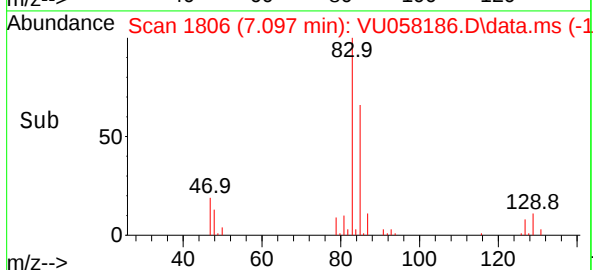
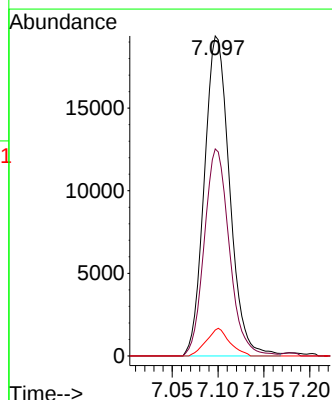
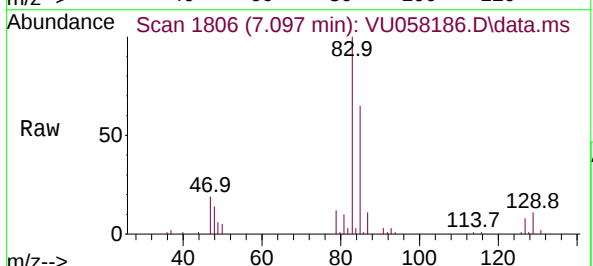
Instrument :
MSVOA_U
ClientSampleId :

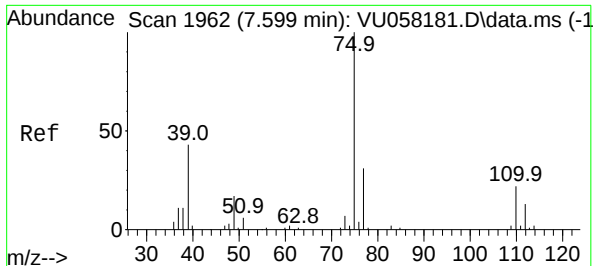
Tgt Ion: 63 Resp: 31648
Ion Ratio Lower Upper
63 100
112 3.5 2.7 4.1



#38
Bromodichloromethane
Concen: 5.051 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion: 83 Resp: 37200
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.8
127 8.1 7.1 10.7

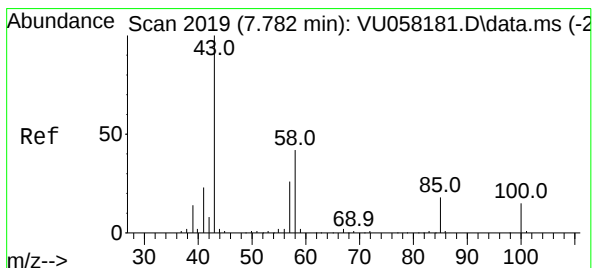
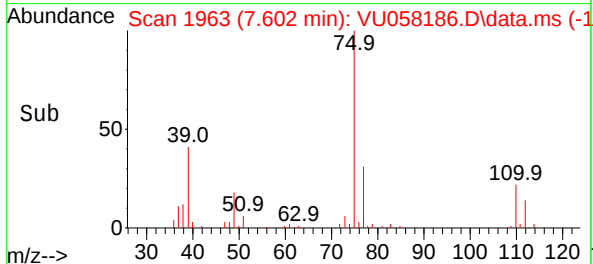
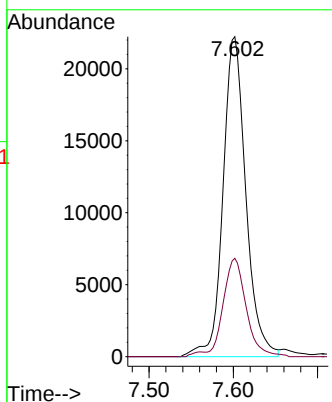
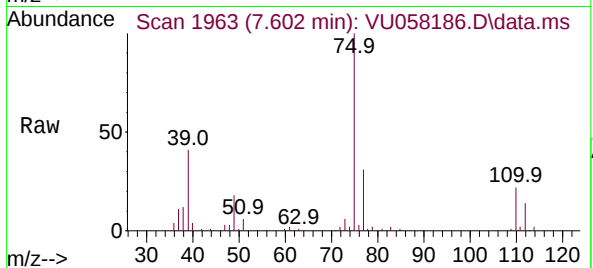




#39
 cis-1,3-Dichloropropene
 Concen: 5.126 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU058186.D
 Acq: 21 Mar 2024 16:27

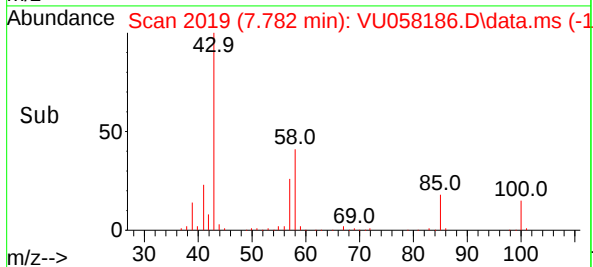
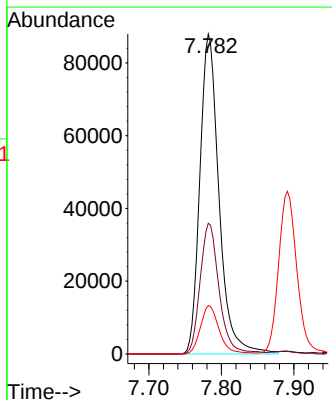
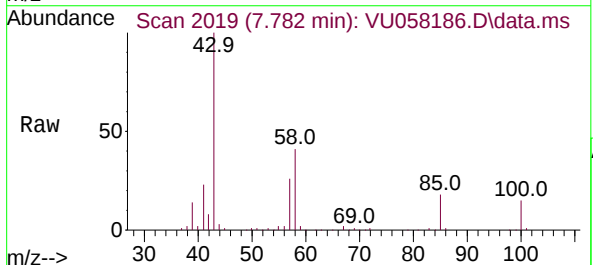
Instrument :
 MSVOA_U
 ClientSampleId :

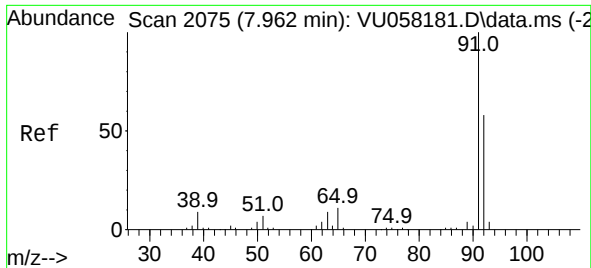
Tgt Ion: 75 Resp: 41767
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 49.688 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058186.D
 Acq: 21 Mar 2024 16:27

Tgt Ion: 43 Resp: 161427
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.2 49.8
 100 14.8 11.5 17.3





#42

Toluene

Concen: 4.969 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

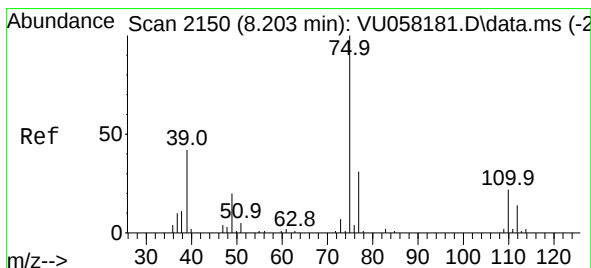
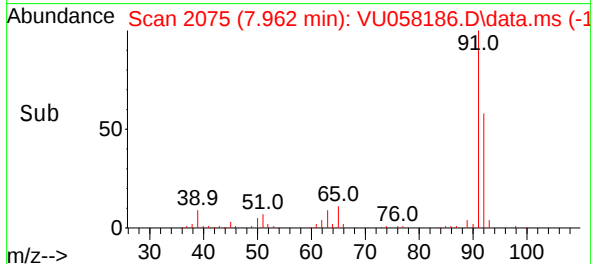
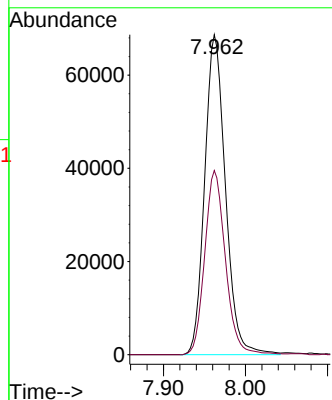
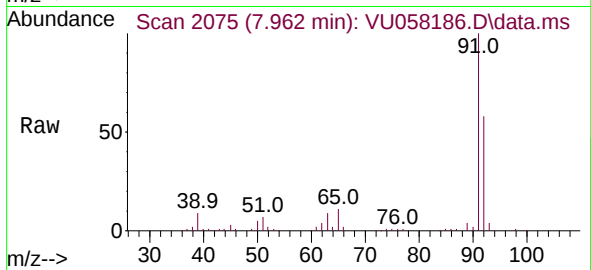
ClientSampleId :

Tgt Ion: 91 Resp: 120744

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.243 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058186.D

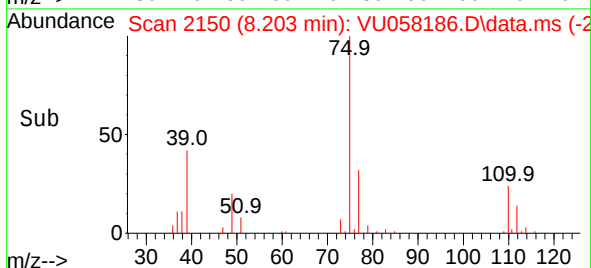
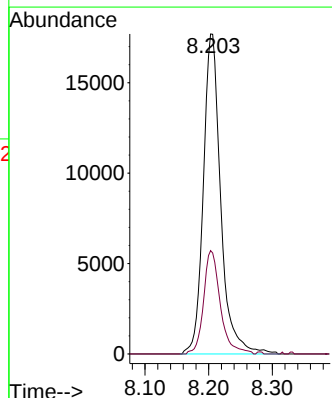
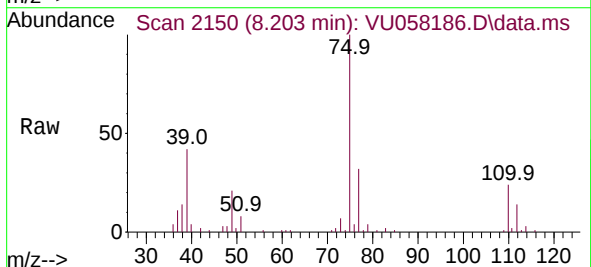
Acq: 21 Mar 2024 16:27

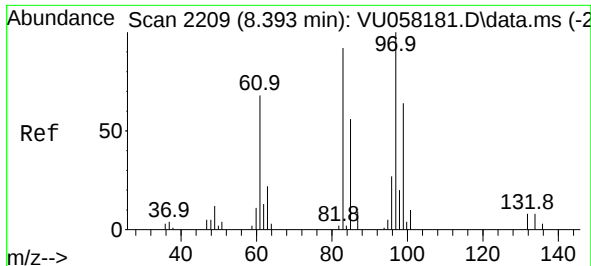
Tgt Ion: 75 Resp: 33617

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3

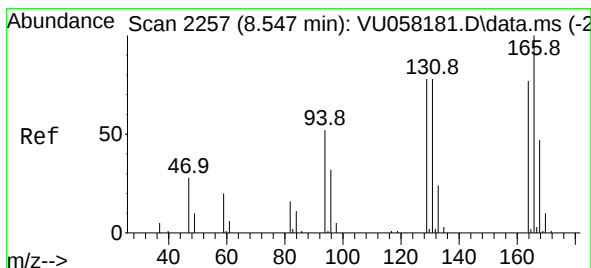
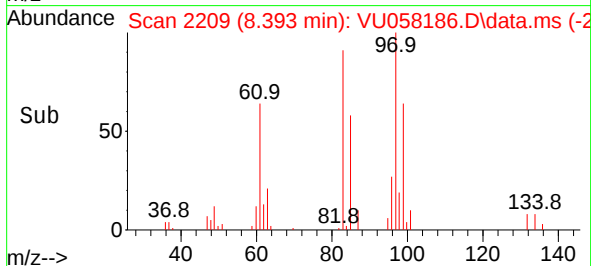
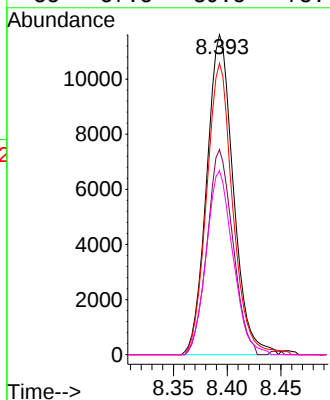
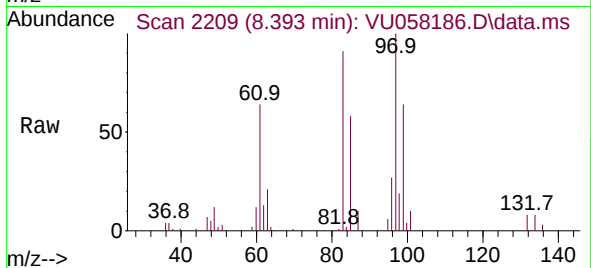




#45
1,1,2-Trichloroethane
Concen: 4.956 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

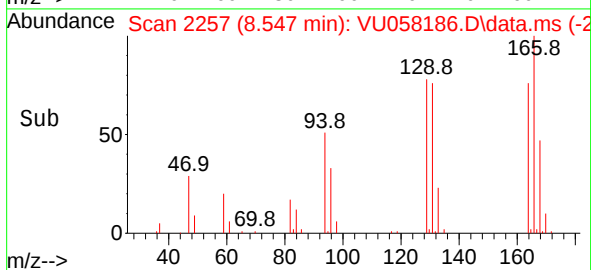
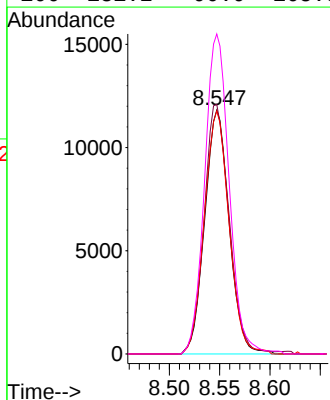
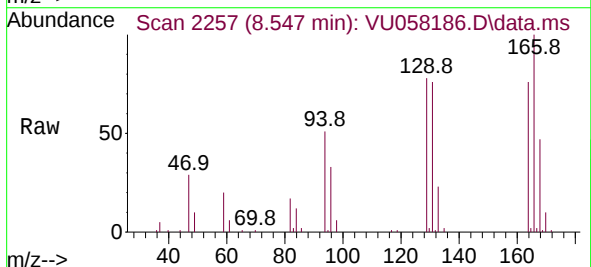
Instrument :
MSVOA_U
ClientSampleId :

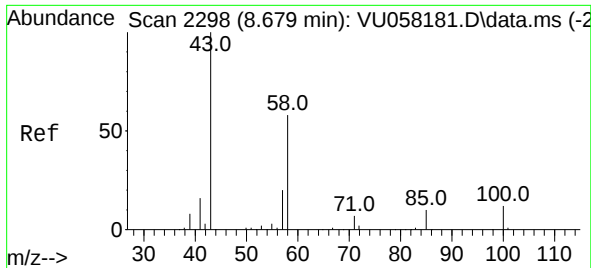
Tgt Ion:	97	Resp:	20057
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.5	82.7
83	91.1	64.1	119.1
85	57.5	39.5	73.4



#47
Tetrachloroethene
Concen: 4.986 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

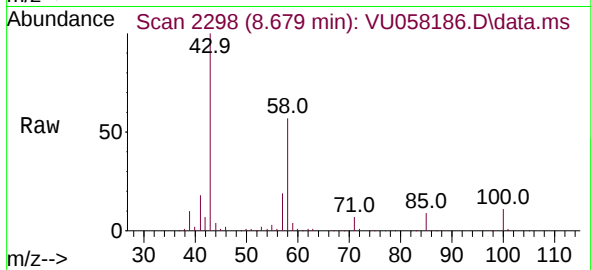
Tgt Ion:	164	Resp:	20010
Ion	Ratio	Lower	Upper
164	100		
129	102.4	71.3	132.3
131	99.7	70.8	131.4
166	131.2	90.9	168.9



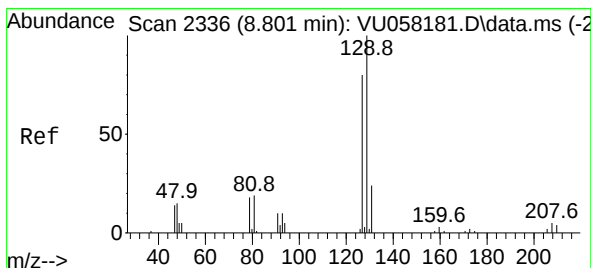
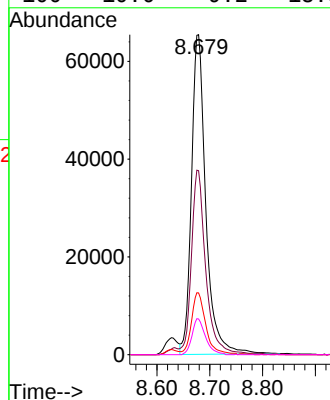
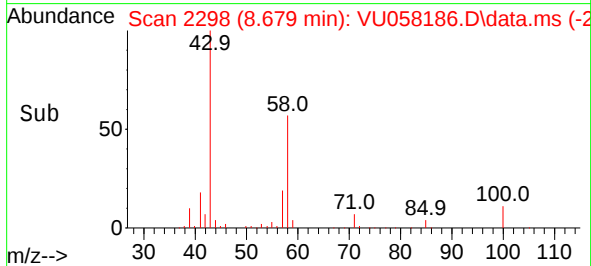


#48
2-Hexanone
Concen: 52.202 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Instrument :
MSVOA_U
ClientSampleId :

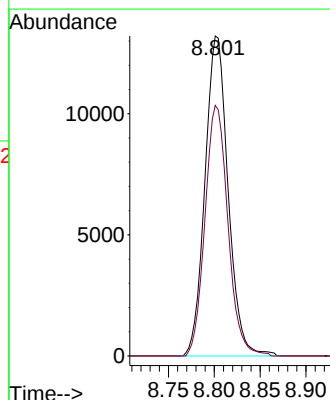
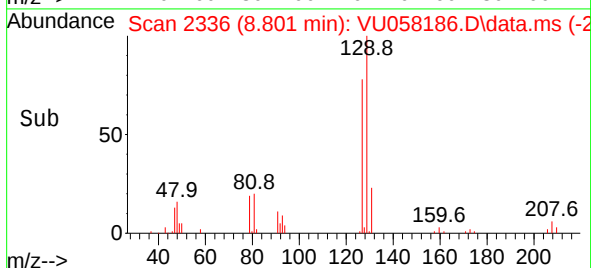
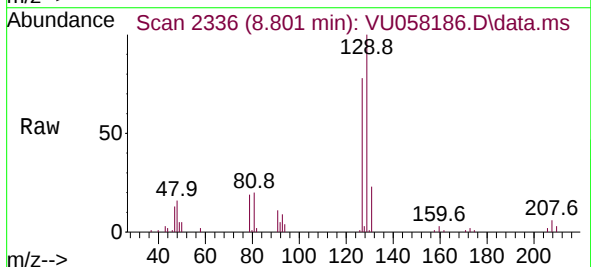


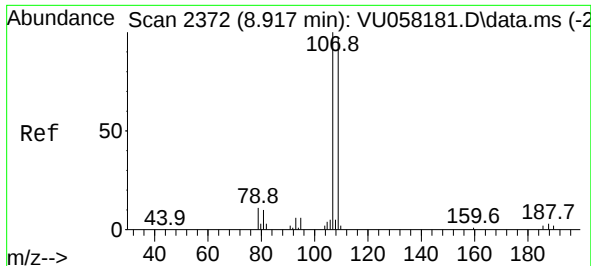
Tgt Ion:	43	Resp:	123506
Ion	Ratio	Lower	Upper
43	100		
58	56.5	48.3	72.5
57	19.4	16.3	24.5
100	10.6	9.2	13.8



#49
Dibromochloromethane
Concen: 5.240 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion:	129	Resp:	23206
Ion	Ratio	Lower	Upper
129	100		
127	78.3	55.7	103.5

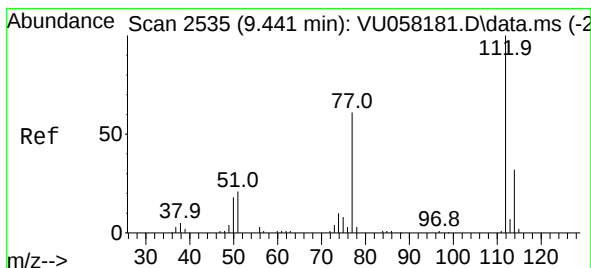
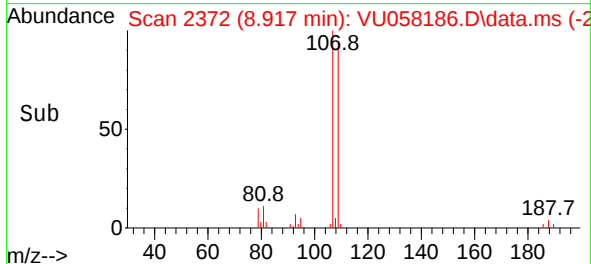
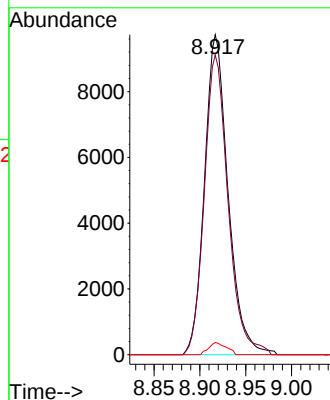
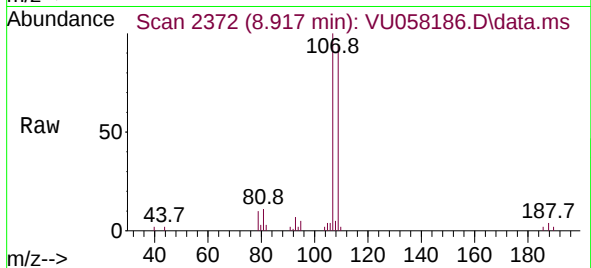




#50
1,2-Dibromoethane
Concen: 5.003 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

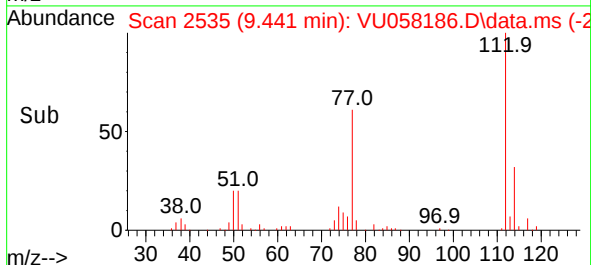
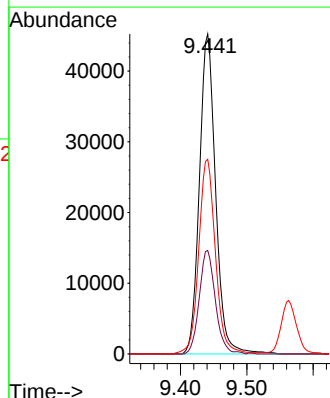
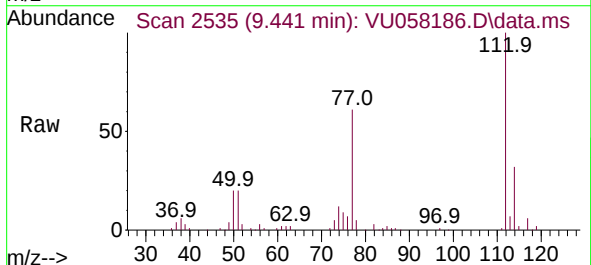
Instrument :
MSVOA_U
ClientSampleId :

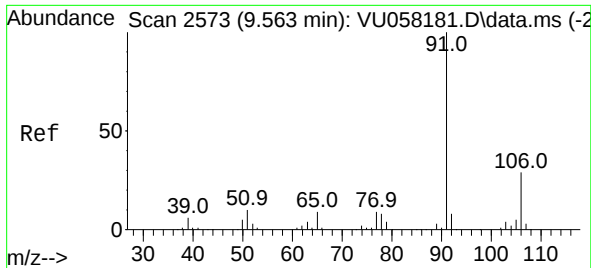
Tgt Ion:107 Resp: 17430
Ion Ratio Lower Upper
107 100
109 93.6 67.8 125.8
188 3.8 2.5 3.7#



#51
Chlorobenzene
Concen: 4.909 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion:112 Resp: 76867
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 60.9 48.9 73.3

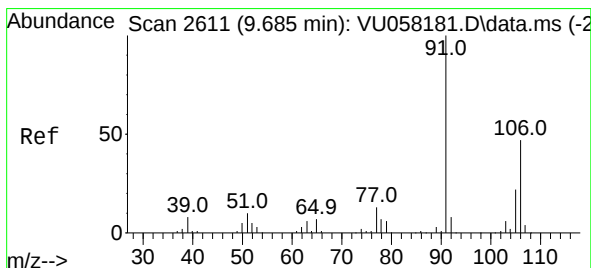
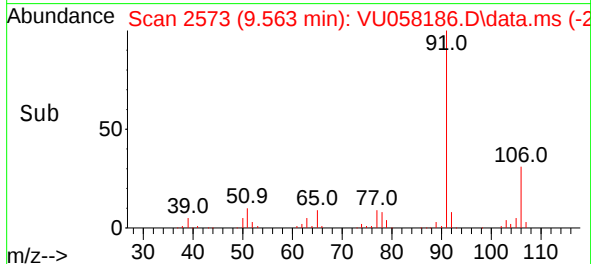
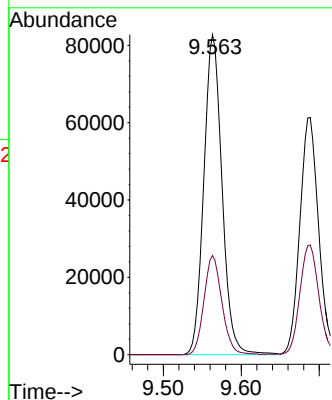
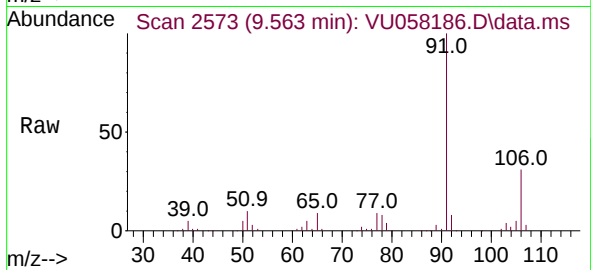




#52
Ethylbenzene
Concen: 4.948 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

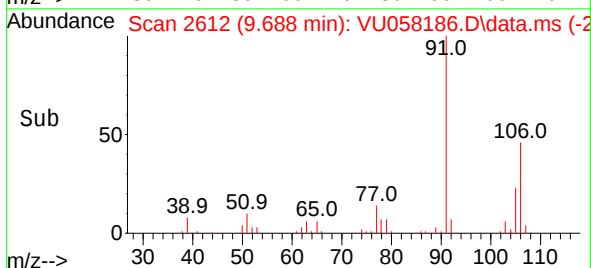
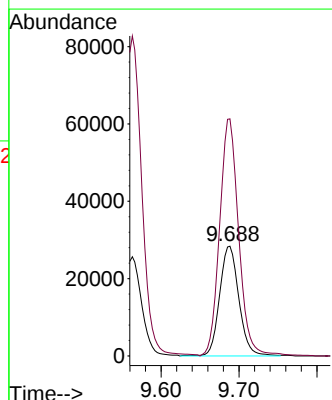
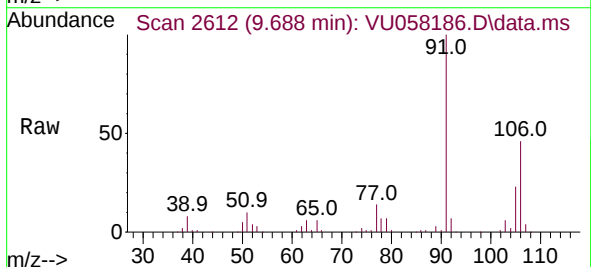
Instrument :
MSVOA_U
ClientSampleId :

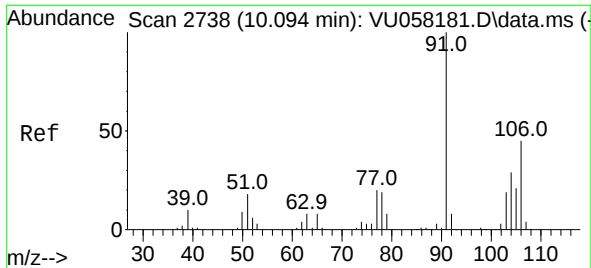
Tgt Ion: 91 Resp: 134263
Ion Ratio Lower Upper
91 100
106 31.0 20.6 38.2



#53
m,p-Xylene
Concen: 5.051 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion:106 Resp: 48831
Ion Ratio Lower Upper
106 100
91 216.1 151.0 280.4

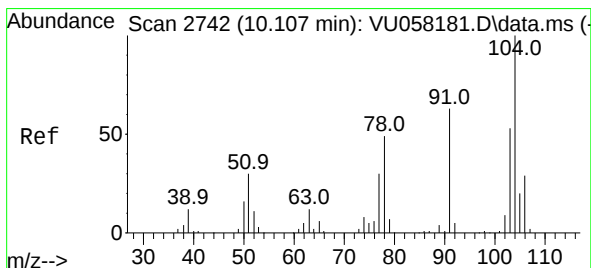
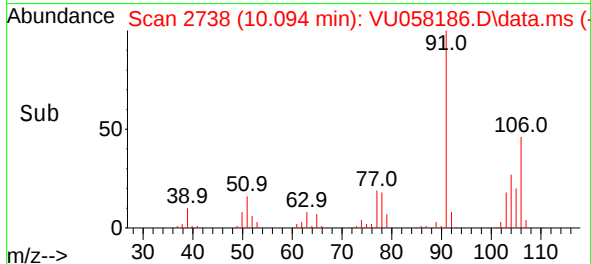
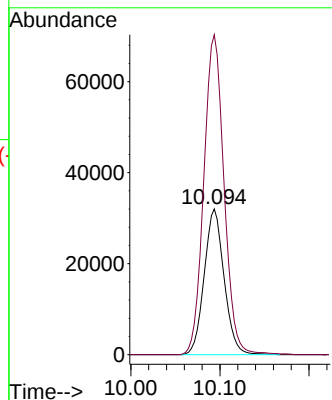
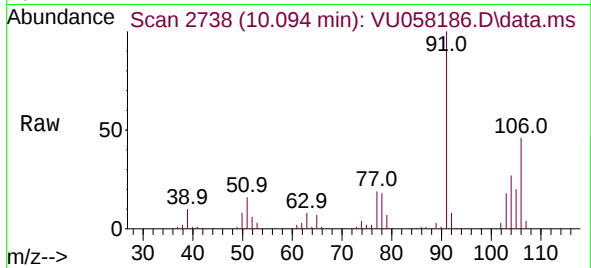




#54
o-Xylene
Concen: 5.086 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

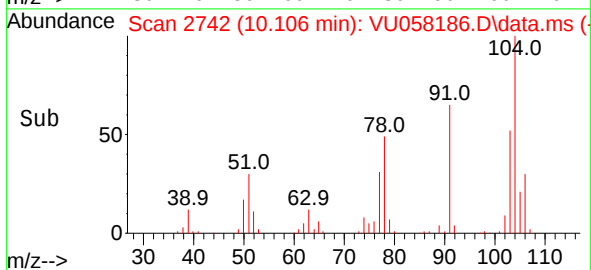
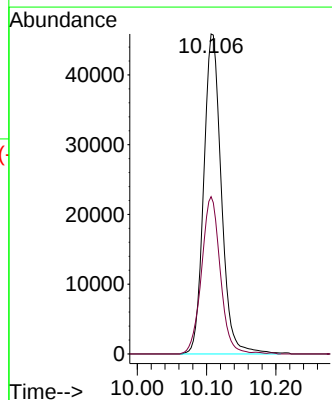
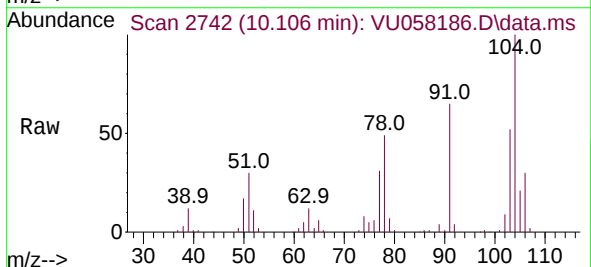
Instrument :
MSVOA_U
ClientSampleId :

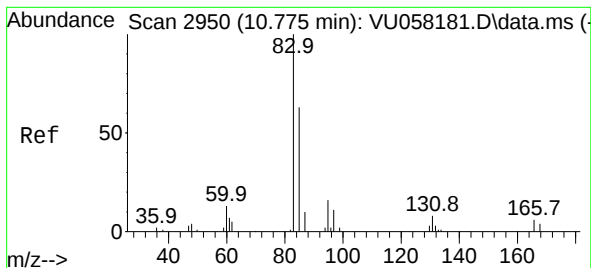
Tgt Ion:106 Resp: 49634
Ion Ratio Lower Upper
106 100
91 219.5 154.3 286.7



#55
Styrene
Concen: 5.251 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion:104 Resp: 80918
Ion Ratio Lower Upper
104 100
78 49.1 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.933 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

ClientSampleId :

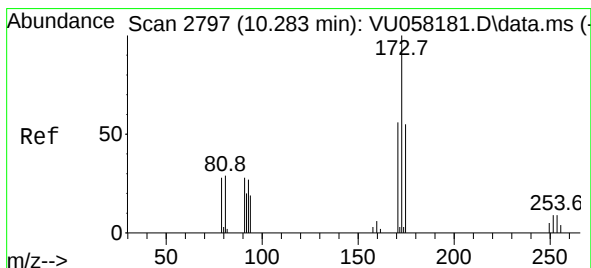
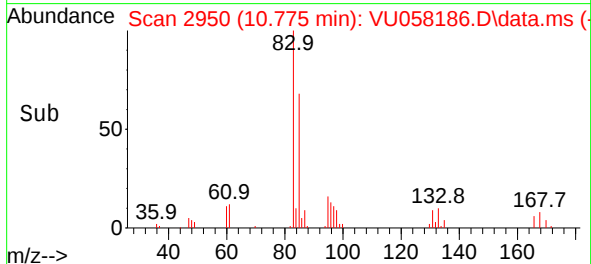
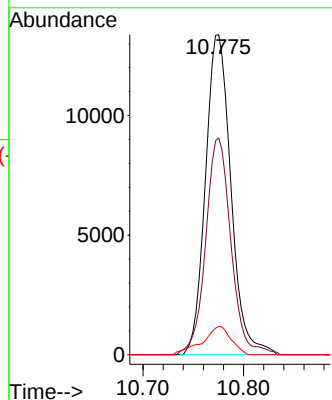
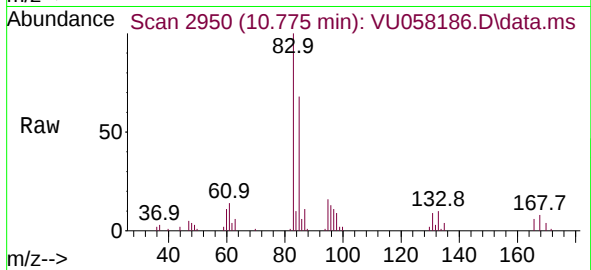
Tgt Ion: 83 Resp: 23529

Ion Ratio Lower Upper

83 100

85 67.8 44.7 82.9

131 8.9 7.0 10.6



#59

Bromoform

Concen: 5.117 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

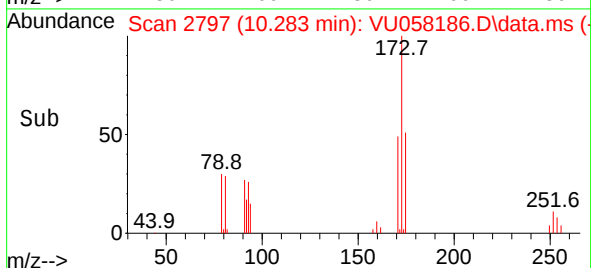
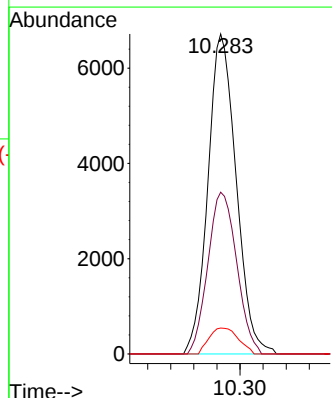
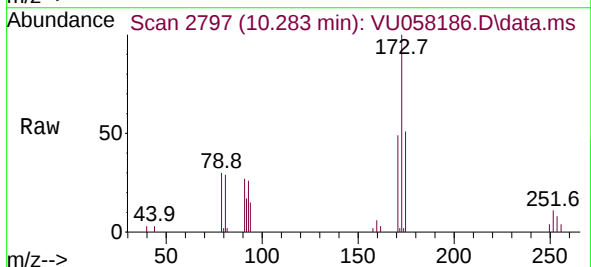
Tgt Ion:173 Resp: 11387

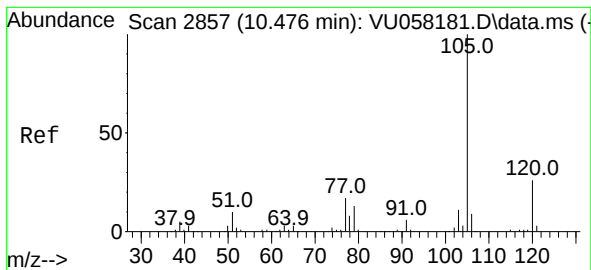
Ion Ratio Lower Upper

173 100

175 51.6 40.9 61.3

254 8.4 5.8 8.8





#60

Isopropylbenzene

Concen: 5.065 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

ClientSampleId :

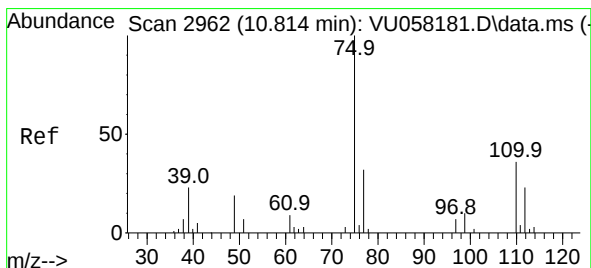
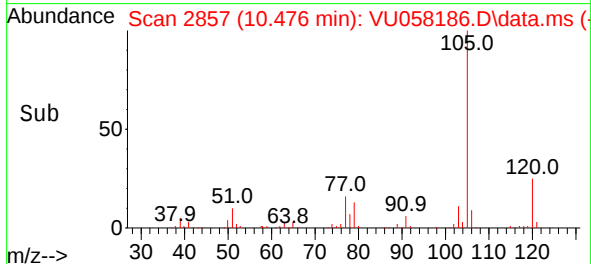
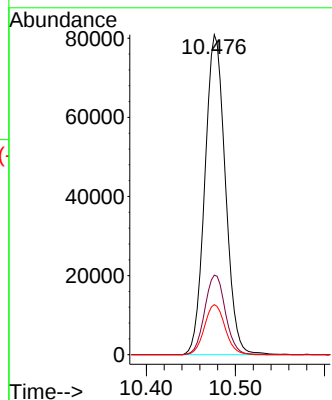
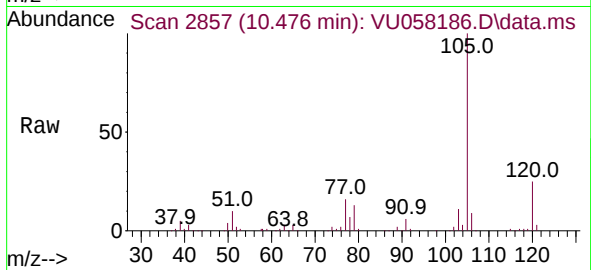
Tgt Ion:105 Resp: 128921

Ion Ratio Lower Upper

105 100

120 25.2 20.5 30.7

77 15.8 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.046 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

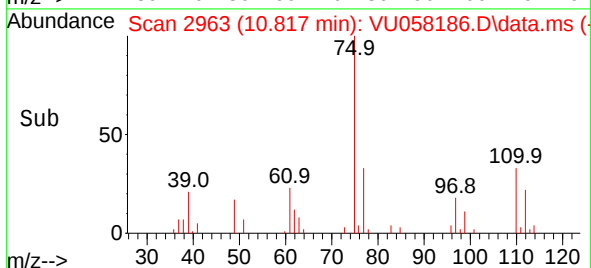
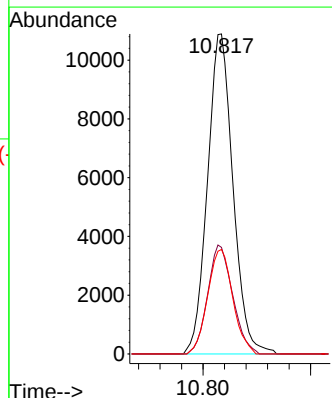
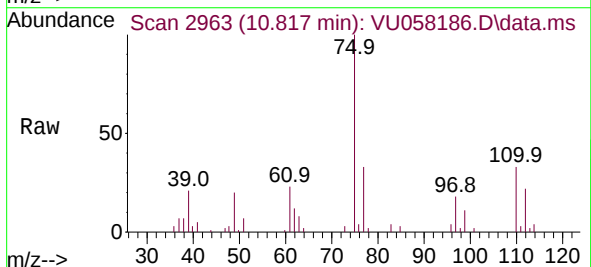
Tgt Ion: 75 Resp: 17904

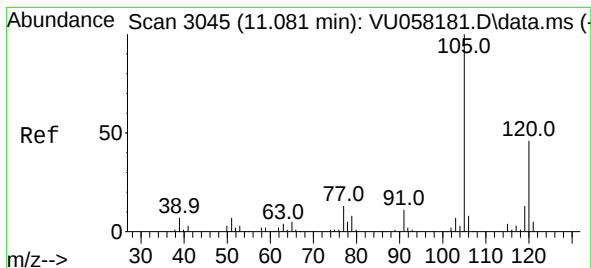
Ion Ratio Lower Upper

75 100

110 33.4 28.1 42.1

77 32.1 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.099 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

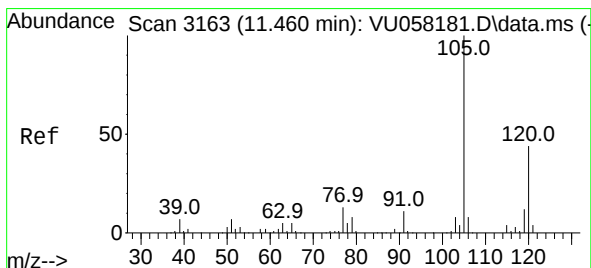
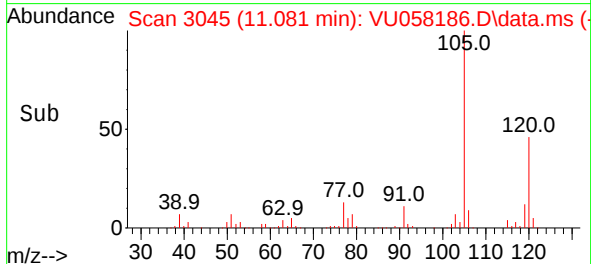
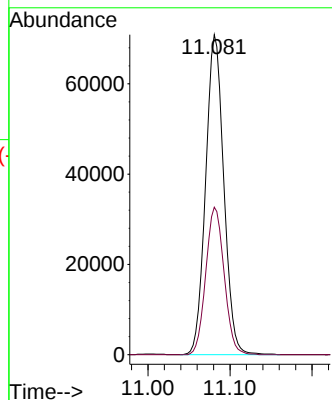
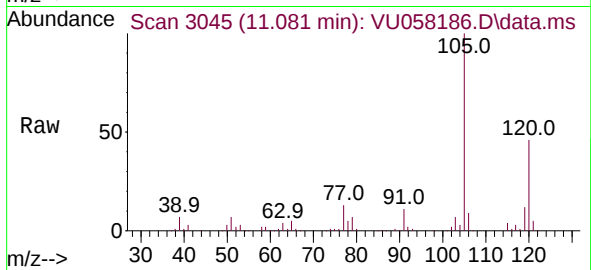
ClientSampleId :

Tgt Ion:105 Resp: 108922

Ion Ratio Lower Upper

105 100

120 46.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.066 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU058186.D

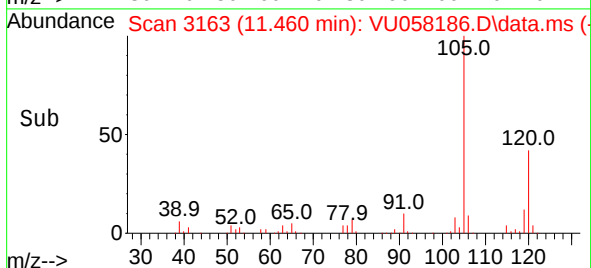
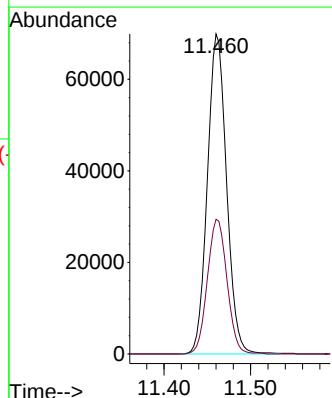
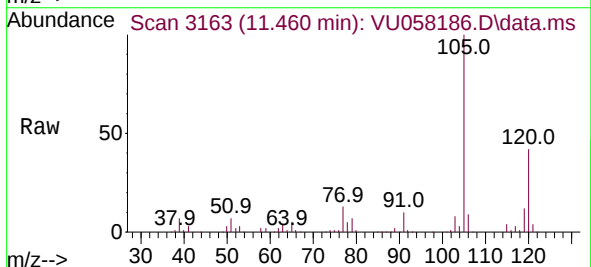
Acq: 21 Mar 2024 16:27

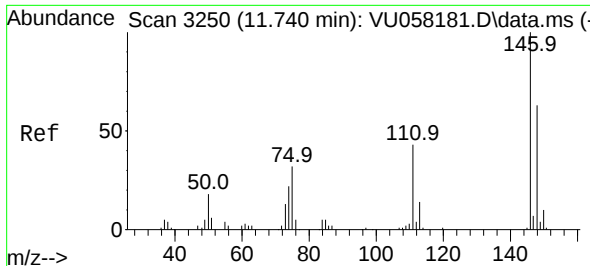
Tgt Ion:105 Resp: 107470

Ion Ratio Lower Upper

105 100

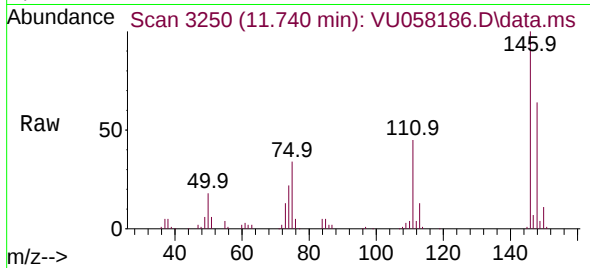
120 43.1 35.9 53.9



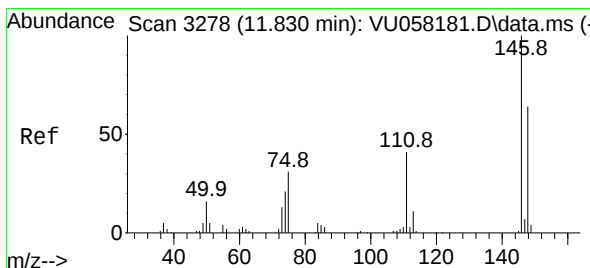
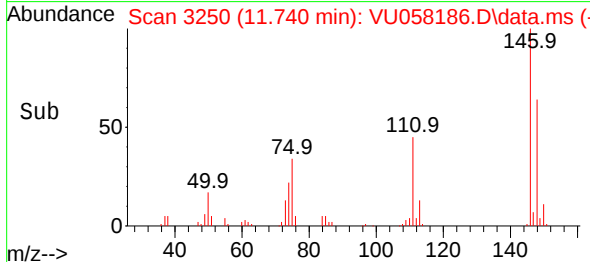
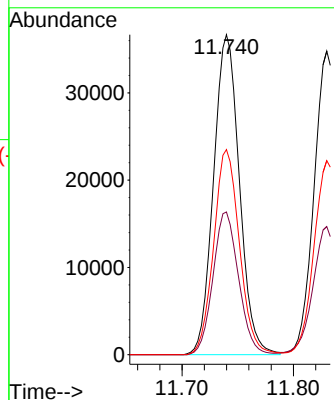


#64
1,3-Dichlorobenzene
Concen: 4.982 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Instrument :
MSVOA_U
ClientSampleId :

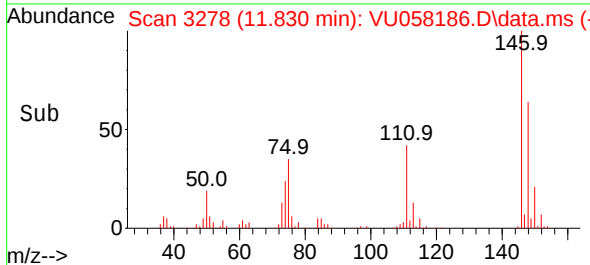
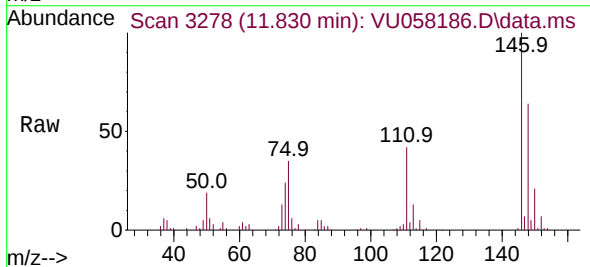
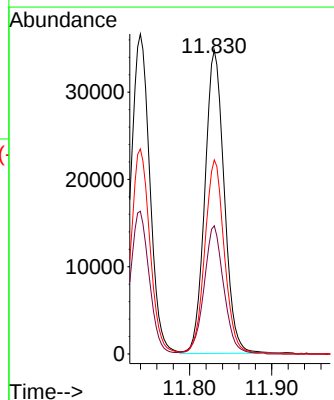


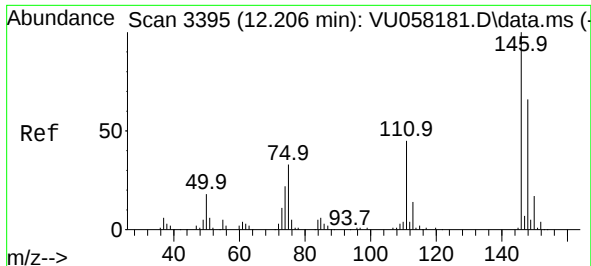
Tgt Ion:146 Resp: 59057
Ion Ratio Lower Upper
146 100
111 44.6 29.9 55.5
148 64.1 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.964 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion:146 Resp: 56875
Ion Ratio Lower Upper
146 100
111 42.2 29.0 53.8
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.891 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

ClientSampleId :

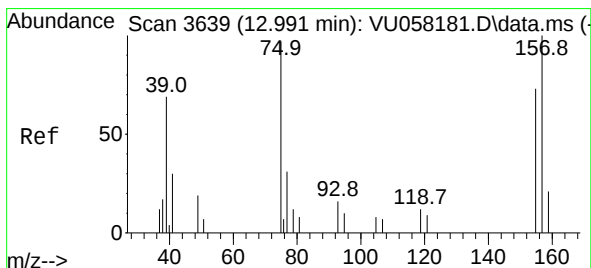
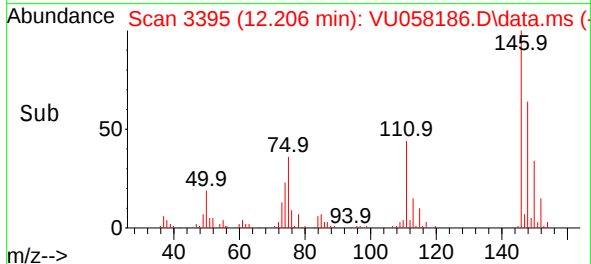
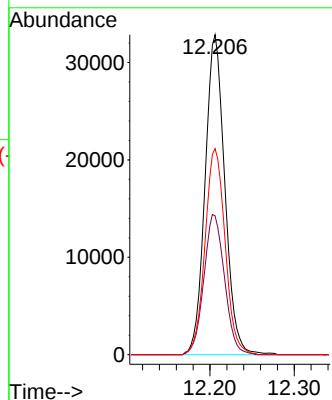
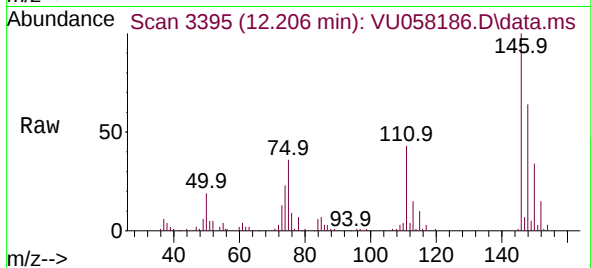
Tgt Ion:146 Resp: 53616

Ion Ratio Lower Upper

146 100

111 43.4 35.9 53.9

148 64.4 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 6.530 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

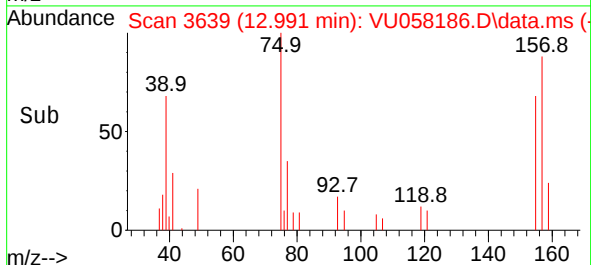
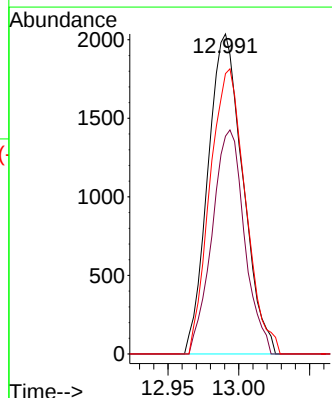
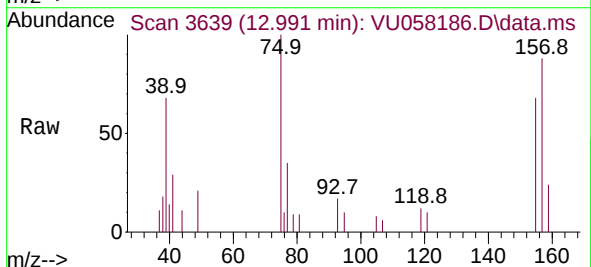
Tgt Ion: 75 Resp: 3494

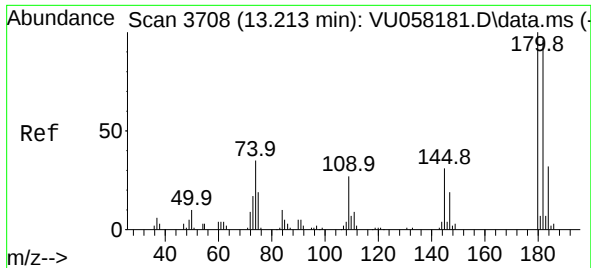
Ion Ratio Lower Upper

75 100

155 68.0 60.2 90.2

157 87.6 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 5.338 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

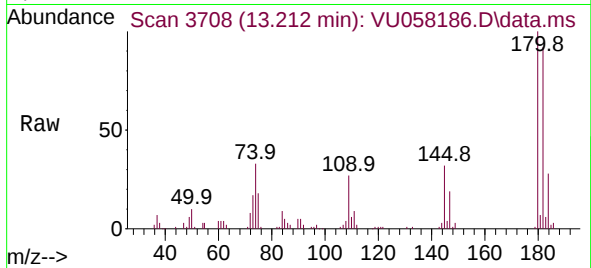
Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 44245

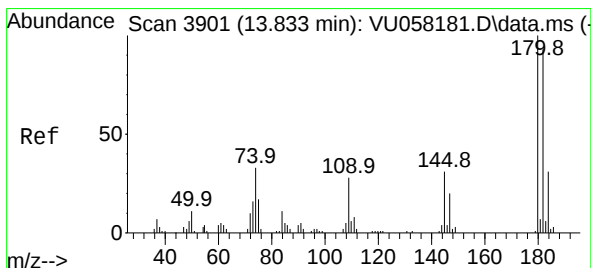
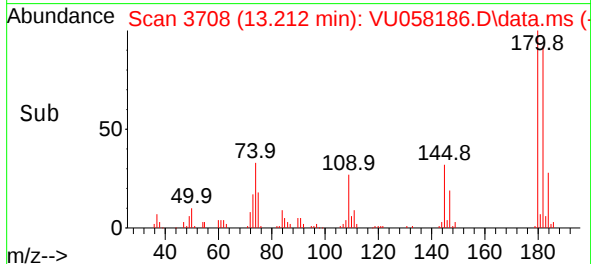
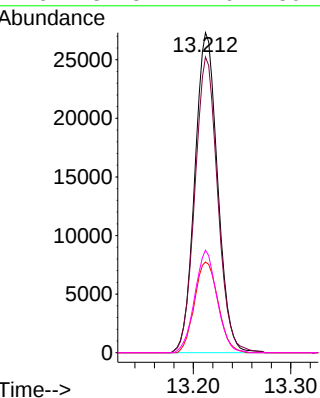
Ion Ratio Lower Upper

180 100

182 92.5 75.4 113.0

184 29.3 24.8 37.2

145 31.3 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 5.335 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU058186.D

Acq: 21 Mar 2024 16:27

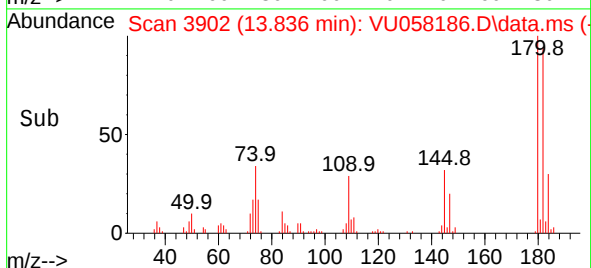
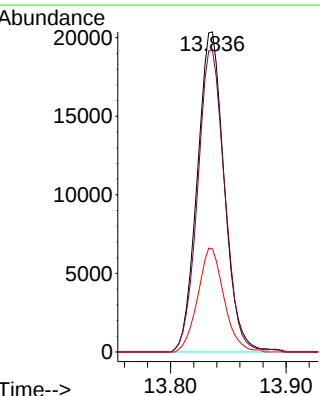
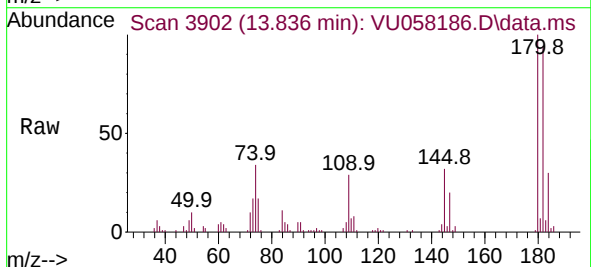
Tgt Ion:180 Resp: 32982

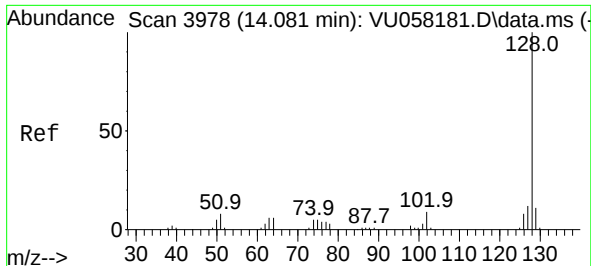
Ion Ratio Lower Upper

180 100

182 95.0 74.5 111.7

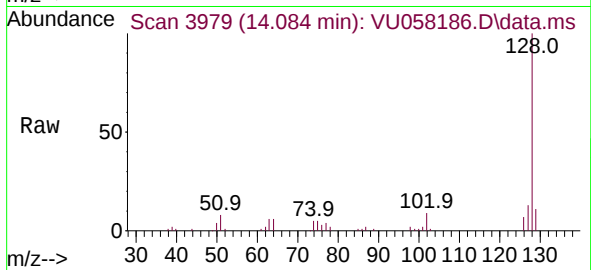
145 31.7 24.5 36.7



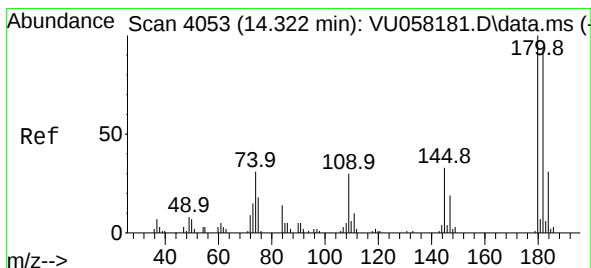
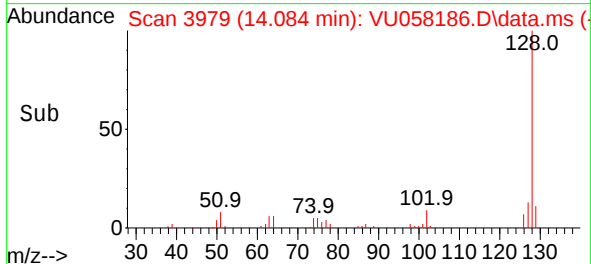
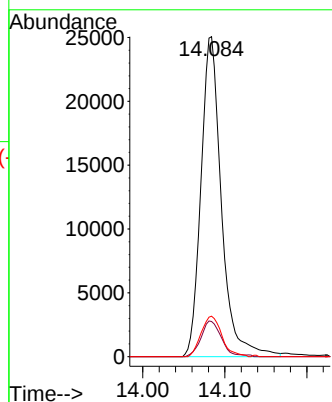


#71
Naphthalene
Concen: 5.167 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 43504
Ion Ratio Lower Upper
128 100
129 11.1 8.1 12.1
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.213 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058186.D
Acq: 21 Mar 2024 16:27

Tgt Ion:180 Resp: 26390
Ion Ratio Lower Upper
180 100
182 98.4 74.4 111.6
145 33.4 26.3 39.5

