

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058028.D
 Acq On : 08 Mar 2024 19:30
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:16:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	67799	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	41896	4.042	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.904	69	37286	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.557	65	19547	4.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.612	46	95943	56.178	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.360%
24) Chloroform-d	5.052	84	94995	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	44549	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.718	84	183048	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.682	67	57658	4.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	163517	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	19115	4.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.624	63	80484	57.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38950	5.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	54124	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	42037	4.816	ug/L	99
3) Chloromethane	1.512	50	48810	4.782	ug/L	99
5) Vinyl chloride	1.596	62	52781	4.808	ug/L	99
6) Bromomethane	1.850	94	27423	4.742	ug/L	96
8) Chloroethane	1.924	64	34299	4.961	ug/L	98
9) Trichlorofluoromethane	2.130	101	78580	5.024	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48663	4.977	ug/L	98
12) 1,1-Dichloroethene	2.570	96	43432	4.997	ug/L	93
13) Acetone	2.615	43	57639	45.351	ug/L	97
14) Carbon disulfide	2.785	76	126264	4.698	ug/L	98
15) Methyl Acetate	2.940	43	14381	5.099	ug/L	99
16) Methylene chloride	3.033	84	51747	4.898	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	103241	5.022	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	47604	5.028	ug/L	94
19) 1,1-Dichloroethane	3.856	63	98489	5.215	ug/L	99
21) 2-Butanone	4.692	43	98900	49.385	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	54039	5.188	ug/L	93
23) Bromochloromethane	4.965	128	20113	5.201	ug/L	97
25) Chloroform	5.078	83	100599	5.217	ug/L	99

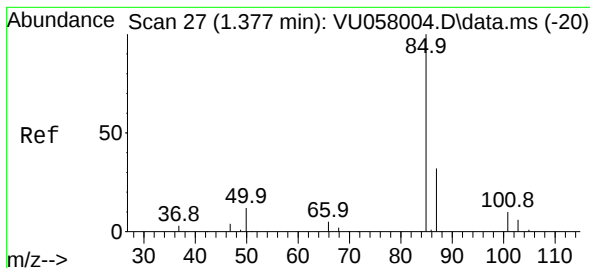
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56501	5.293	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	82202	5.084	ug/L	100
30) Cyclohexane	5.380	56	76969	4.715	ug/L	99
31) Carbon tetrachloride	5.515	117	71718	5.105	ug/L	99
33) Benzene	5.766	78	214436	5.145	ug/L	100
34) Trichloroethene	6.534	95	55610	5.071	ug/L	98
35) Methylcyclohexane	6.756	83	80195	4.770	ug/L	100
37) 1,2-Dichloropropane	6.782	63	56150	5.224	ug/L	99
38) Bromodichloromethane	7.097	83	65606	5.031	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	73228	4.945	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	260574	52.700	ug/L	99
42) Toluene	7.962	91	219765	5.063	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	55837	4.732	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	33095	5.193	ug/L	98
47) Tetrachloroethene	8.547	164	38572	5.069	ug/L	95
48) 2-Hexanone	8.676	43	181682	50.105	ug/L	98
49) Dibromochloromethane	8.801	129	38687	5.128	ug/L	98
50) 1,2-Dibromoethane	8.917	107	30709	5.429	ug/L	92
51) Chlorobenzene	9.441	112	138185	5.076	ug/L	99
52) Ethylbenzene	9.563	91	245935	5.063	ug/L	100
53) m,p-Xylene	9.689	106	88446	5.096	ug/L	96
54) o-Xylene	10.094	106	87489	5.058	ug/L	100
55) Styrene	10.110	104	142170	5.237	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	38824	5.171	ug/L	96
59) Bromoform	10.287	173	18854	4.986	ug/L	99
60) Isopropylbenzene	10.480	105	224090	4.963	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	27799	5.005	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	187298	4.918	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	189459	5.041	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	103575	5.047	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	98706	4.913	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	91364	5.099	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5654	5.131	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	72413	4.905	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	56528	5.096	ug/L	98
71) Naphthalene	14.084	128	75455	4.981	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	44864	5.120	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 4.816 ug/L

RT: 1.377 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

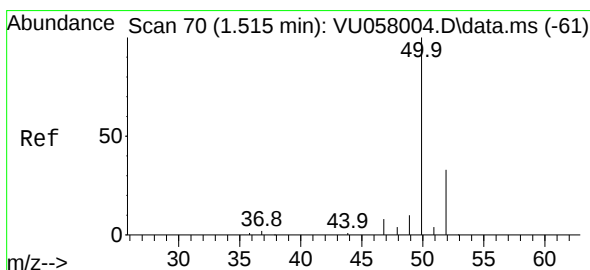
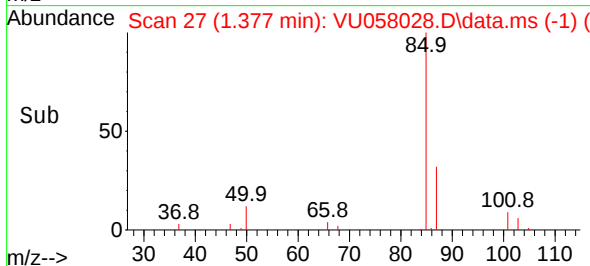
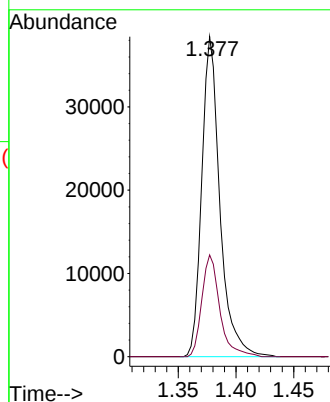
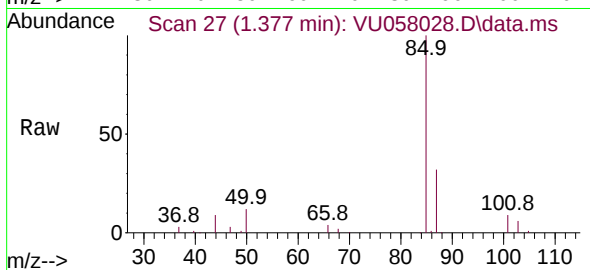
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Tgt Ion: 85 Resp: 42037

Ion Ratio Lower Upper

85 100

87 31.5 25.8 38.6



#3

Chloromethane

Concen: 4.782 ug/L

RT: 1.512 min Scan# 69

Delta R.T. -0.003 min

Lab File: VU058028.D

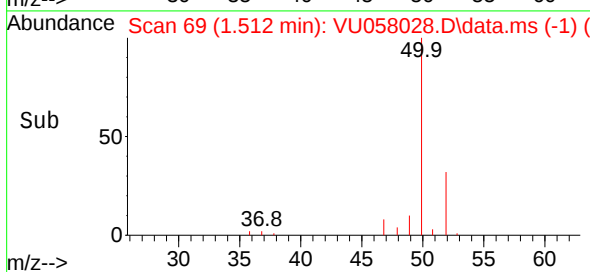
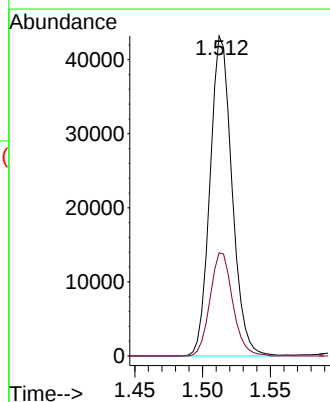
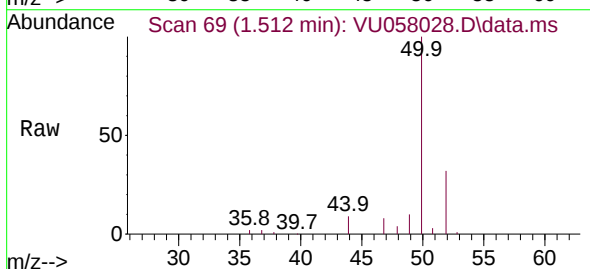
Acq: 08 Mar 2024 19:30

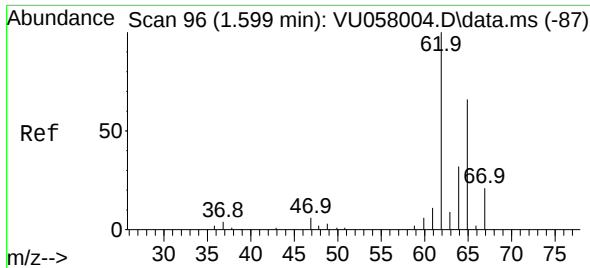
Tgt Ion: 50 Resp: 48810

Ion Ratio Lower Upper

50 100

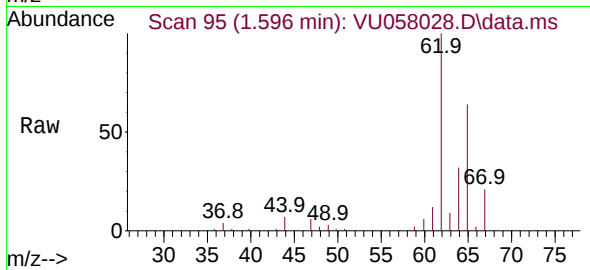
52 32.3 23.1 42.9



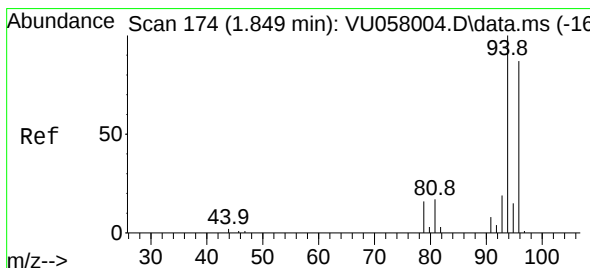
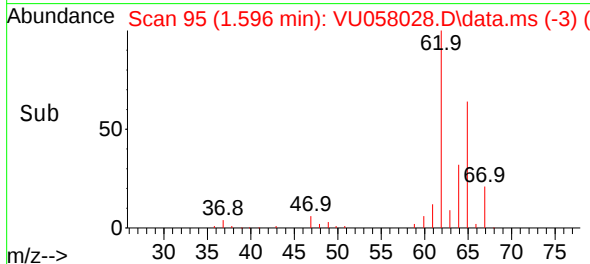
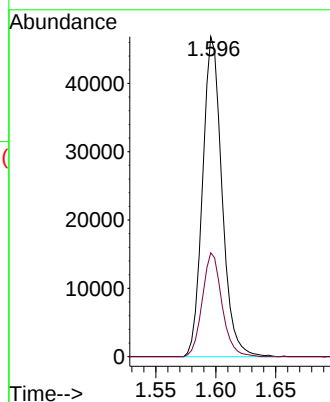


#5
Vinyl chloride
Concen: 4.808 ug/L
RT: 1.596 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

Instrument :
MSVOA_U
ClientSampleId :

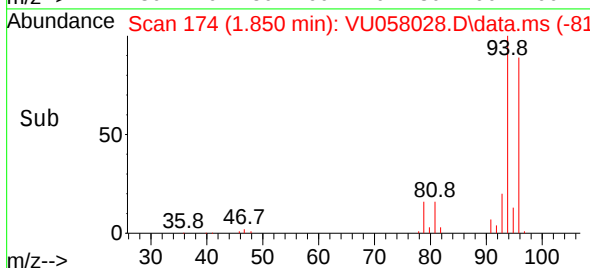
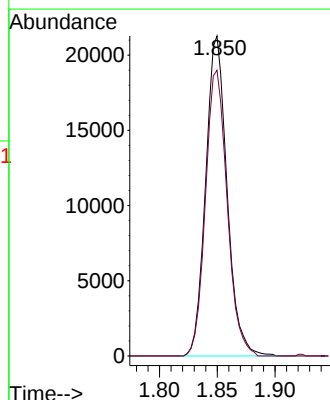
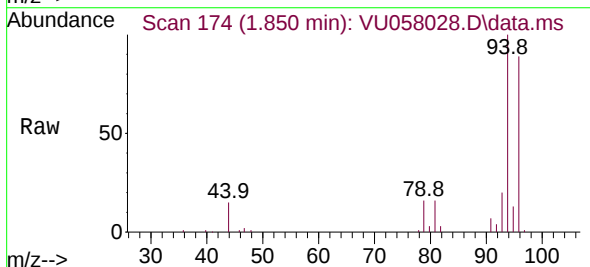


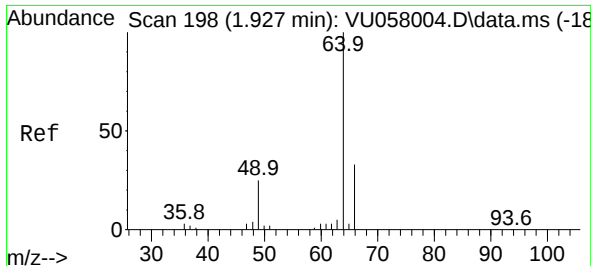
Tgt Ion: 62 Resp: 52781
Ion Ratio Lower Upper
62 100
64 32.4 22.5 41.7



#6
Bromomethane
Concen: 4.742 ug/L
RT: 1.850 min Scan# 174
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

Tgt Ion: 94 Resp: 27423
Ion Ratio Lower Upper
94 100
96 89.3 65.2 121.2

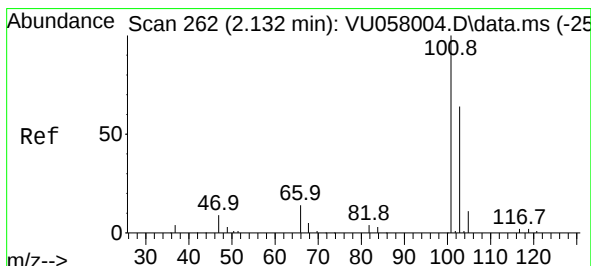
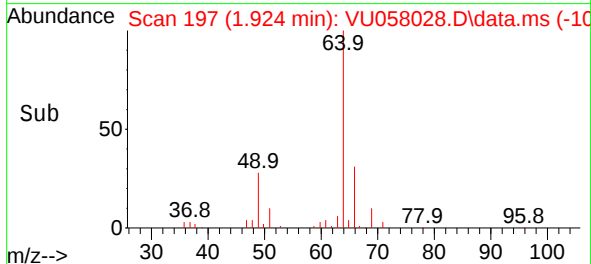
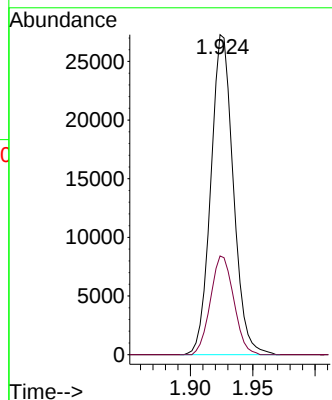
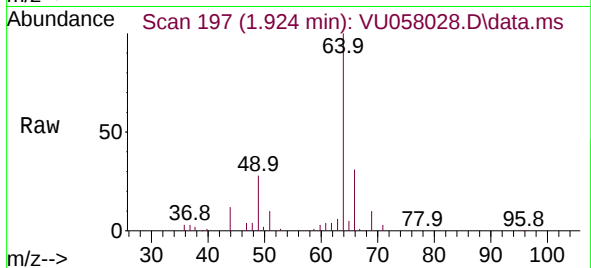




#8
Chloroethane
Concen: 4.961 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

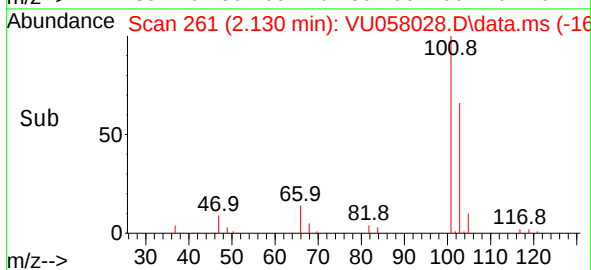
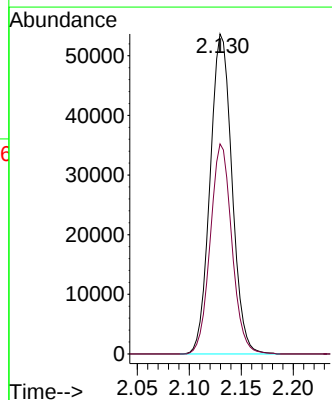
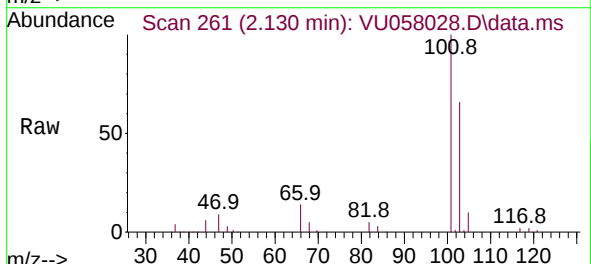
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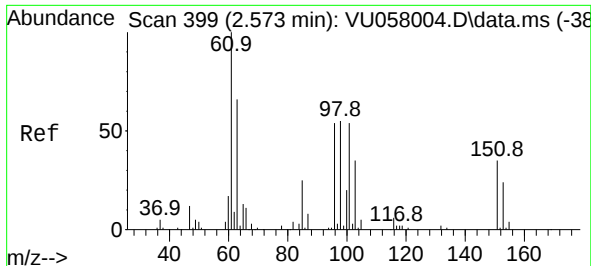
Tgt Ion: 64 Resp: 34299
Ion Ratio Lower Upper
64 100
66 30.9 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.024 ug/L
RT: 2.130 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

Tgt Ion:101 Resp: 78580
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

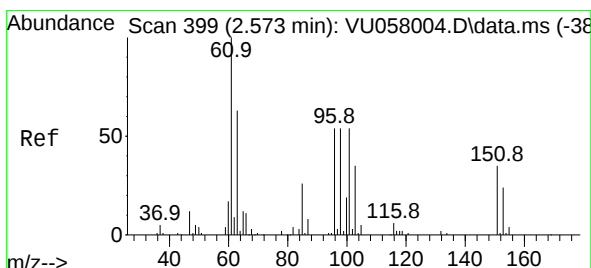
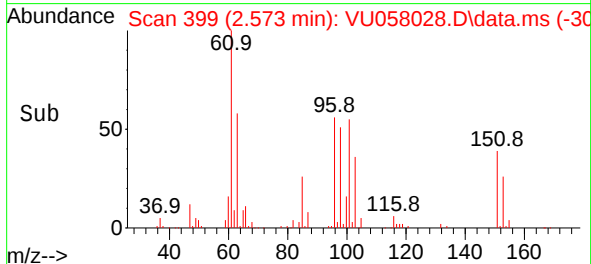
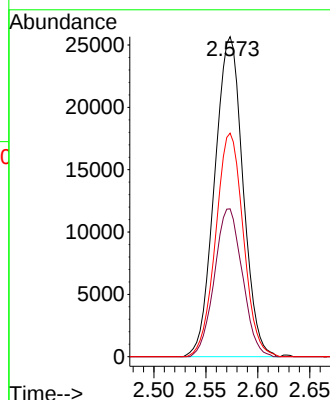
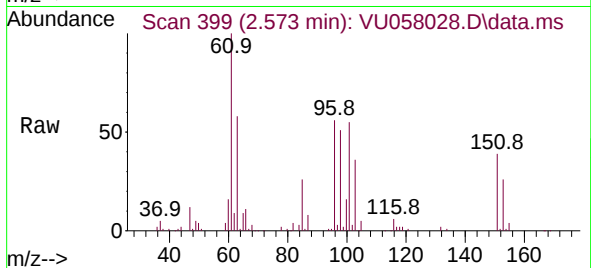




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.977 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058028.D
 Acq: 08 Mar 2024 19:30

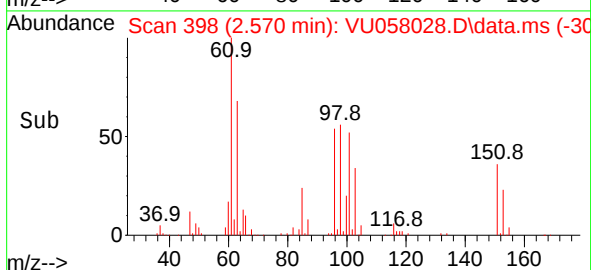
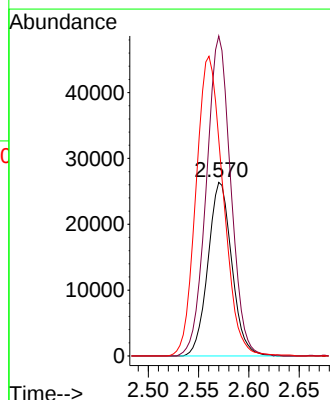
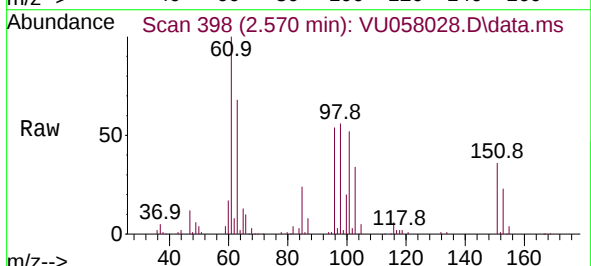
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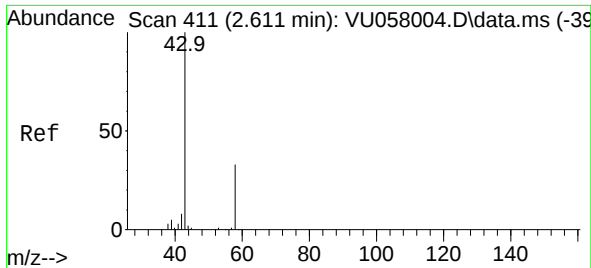
Tgt Ion:101 Resp: 48663
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.3 55.9
 151 68.4 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.997 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058028.D
 Acq: 08 Mar 2024 19:30

Tgt Ion: 96 Resp: 43432
 Ion Ratio Lower Upper
 96 100
 61 184.3 131.8 244.8
 63 124.6 98.1 182.1





#13

Acetone

Concen: 45.351 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.004 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

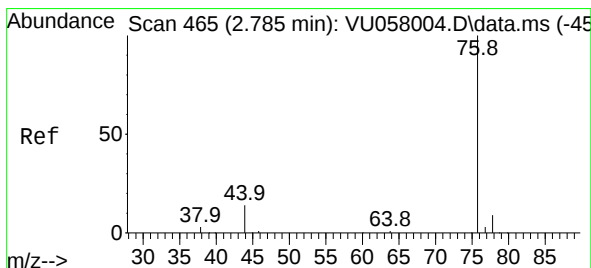
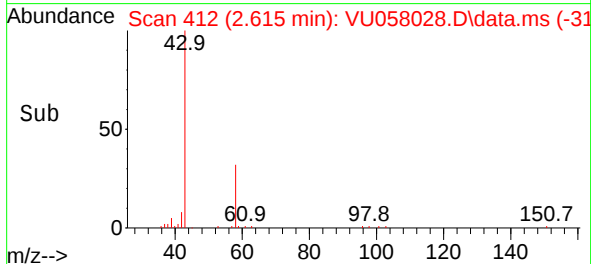
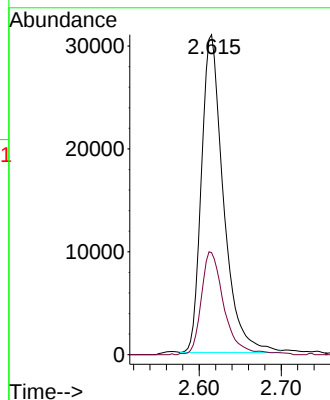
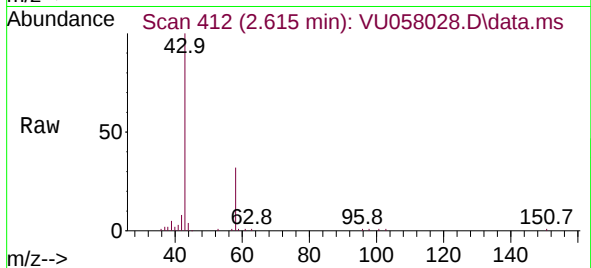
ClientSampleId :

Tgt Ion: 43 Resp: 57639

Ion Ratio Lower Upper

43 100

58 33.3 0.0 63.6



#14

Carbon disulfide

Concen: 4.698 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058028.D

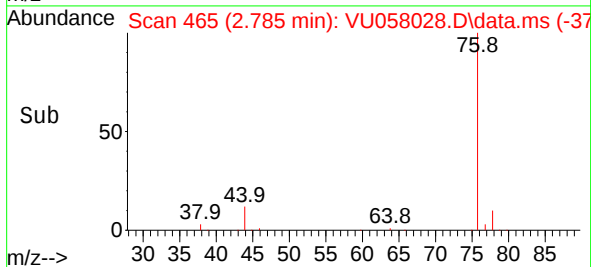
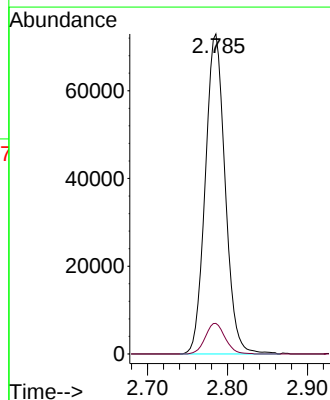
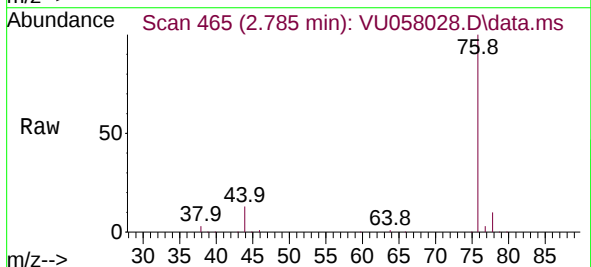
Acq: 08 Mar 2024 19:30

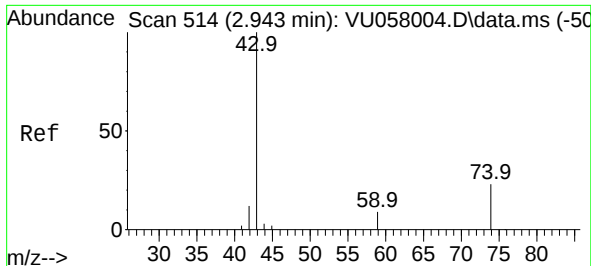
Tgt Ion: 76 Resp: 126264

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





#15

Methyl Acetate

Concen: 5.099 ug/L

RT: 2.940 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

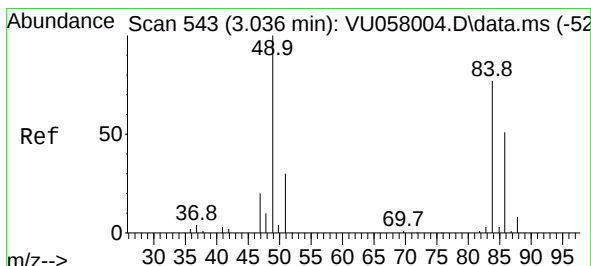
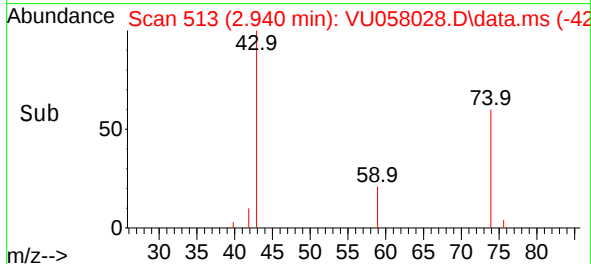
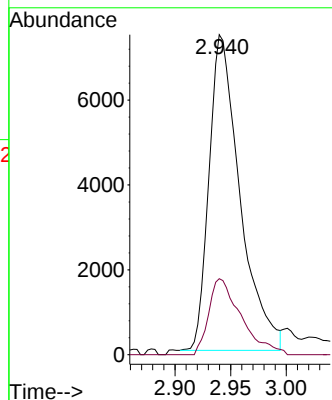
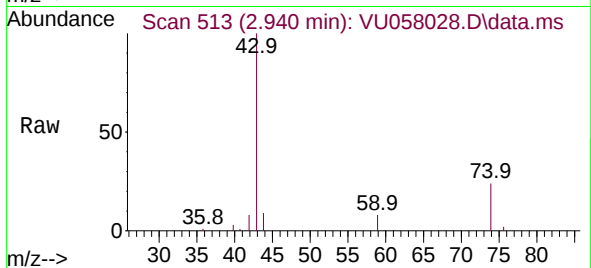
ClientSampleId :

Tgt Ion: 43 Resp: 14381

Ion Ratio Lower Upper

43 100

74 25.2 20.6 31.0



#16

Methylene chloride

Concen: 4.898 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

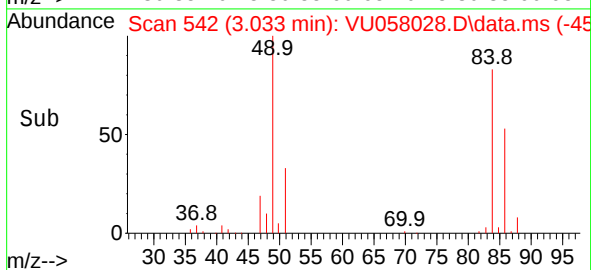
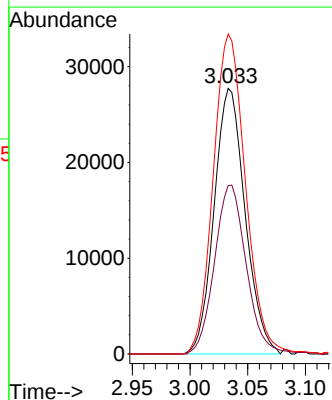
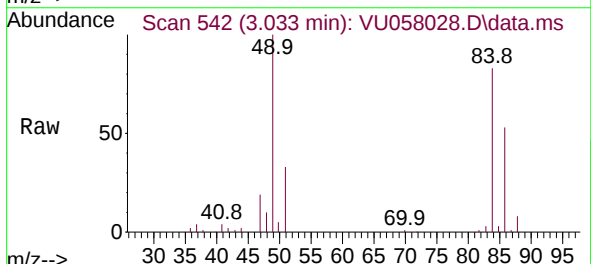
Tgt Ion: 84 Resp: 51747

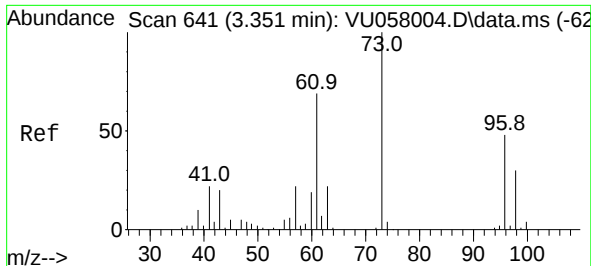
Ion Ratio Lower Upper

84 100

86 63.5 44.4 82.4

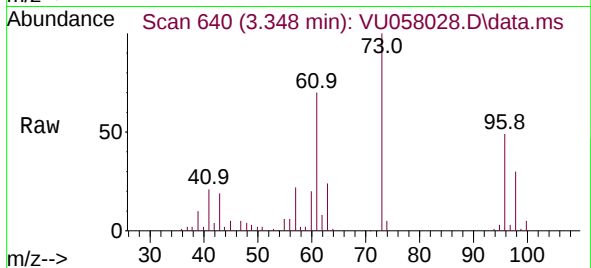
49 126.0 88.8 165.0



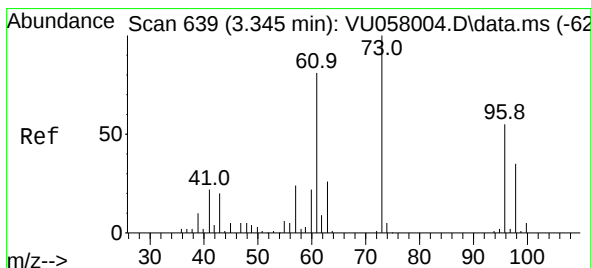
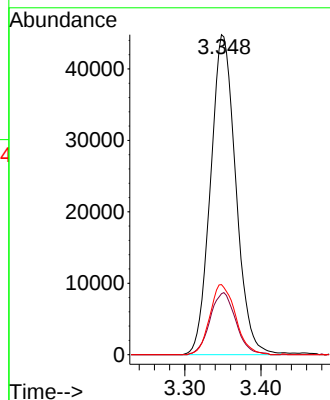
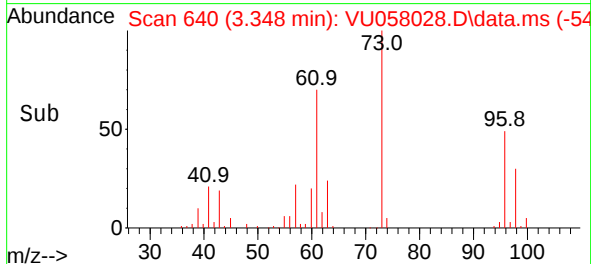


#17
Methyl tert-butyl Ether
Concen: 5.022 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

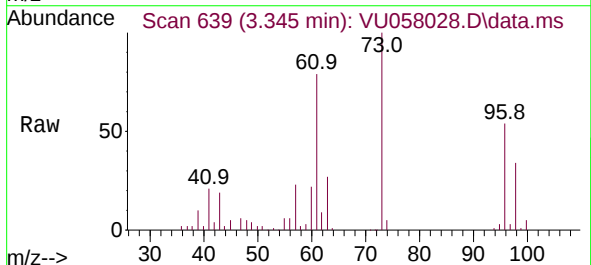
Instrument :
MSVOA_U
ClientSampleId :



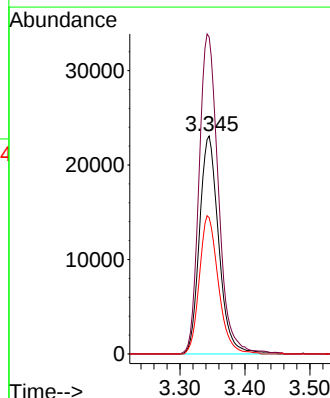
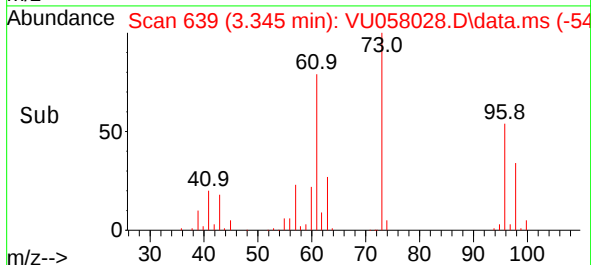
Tgt Ion: 73 Resp: 103241
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.4
57 22.3 17.9 26.9

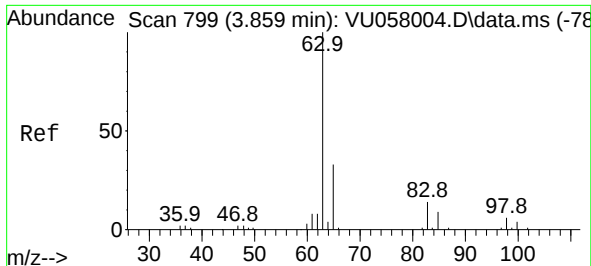


#18
trans-1,2-Dichloroethene
Concen: 5.028 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30



Tgt Ion: 96 Resp: 47604
Ion Ratio Lower Upper
96 100
61 145.5 107.7 199.9
98 62.5 45.8 85.0





#19

1,1-Dichloroethane

Concen: 5.215 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

ClientSampleId :

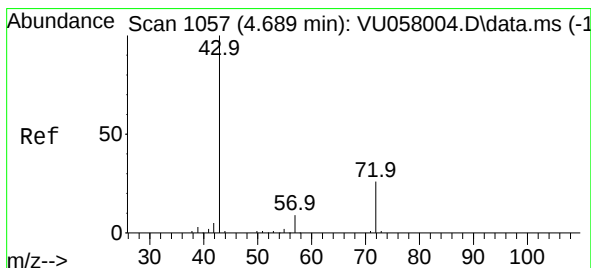
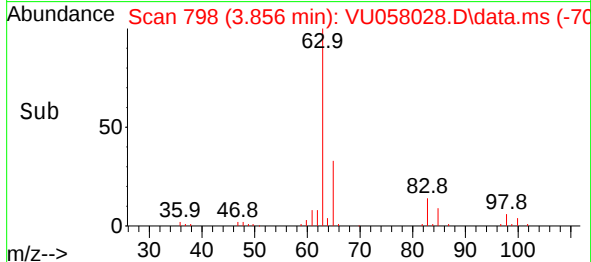
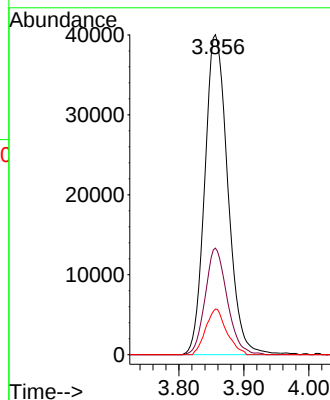
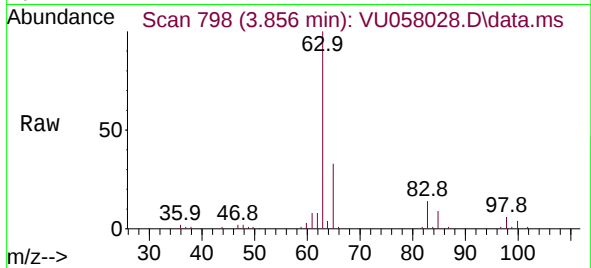
Tgt Ion: 63 Resp: 98489

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 13.7 9.0 16.6



#21

2-Butanone

Concen: 49.385 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. 0.004 min

Lab File: VU058028.D

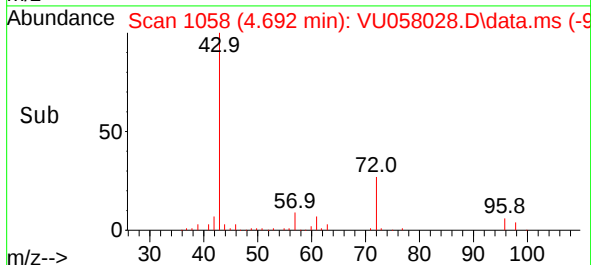
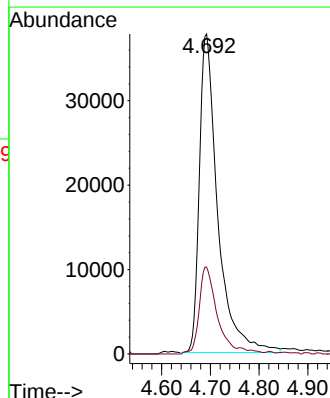
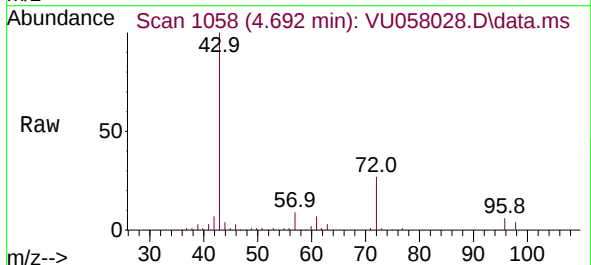
Acq: 08 Mar 2024 19:30

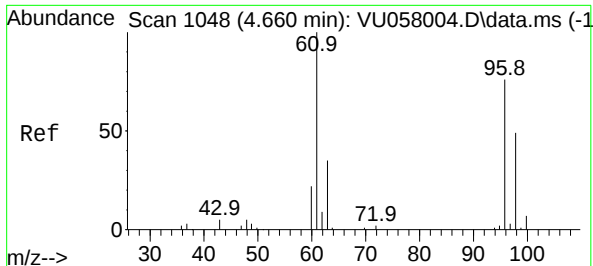
Tgt Ion: 43 Resp: 98900

Ion Ratio Lower Upper

43 100

72 25.7 13.0 39.0

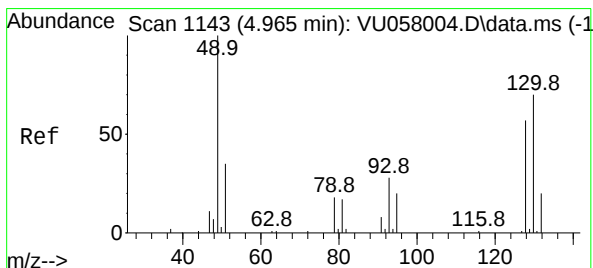
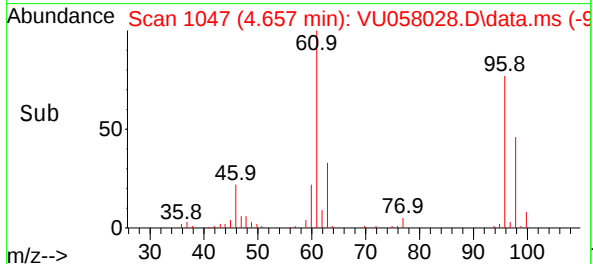
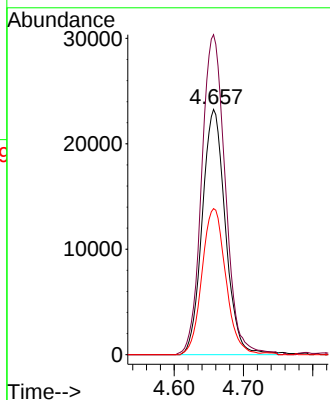
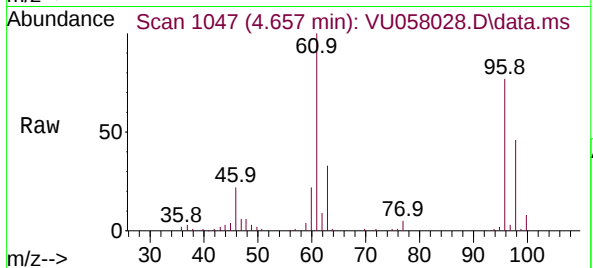




#22
cis-1,2-Dichloroethene
Concen: 5.188 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

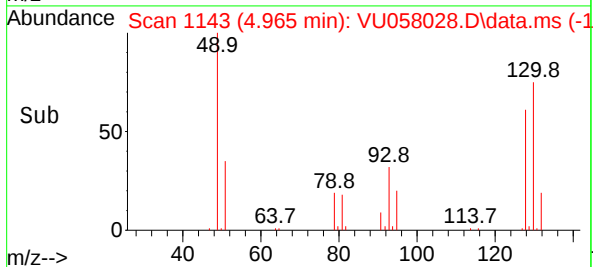
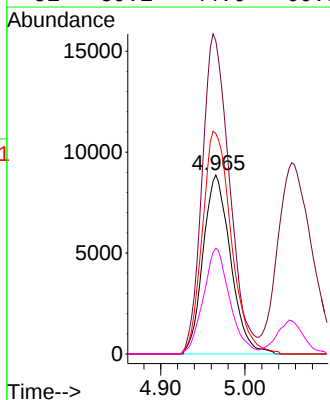
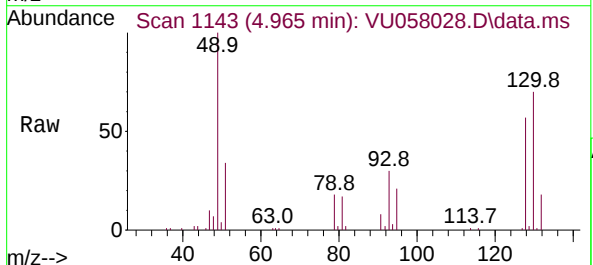
Instrument :
MSVOA_U
ClientSampleId :

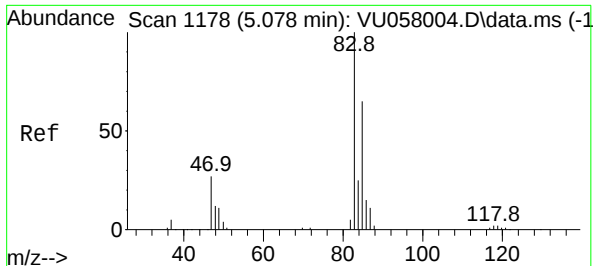
Tgt Ion: 96 Resp: 54039
Ion Ratio Lower Upper
96 100
61 130.4 97.2 180.4
98 59.5 45.5 84.5



#23
Bromochloromethane
Concen: 5.201 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

Tgt Ion:128 Resp: 20113
Ion Ratio Lower Upper
128 100
49 181.5 122.0 226.6
130 123.2 86.6 160.8
51 59.1 44.6 66.8





#25

Chloroform

Concen: 5.217 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

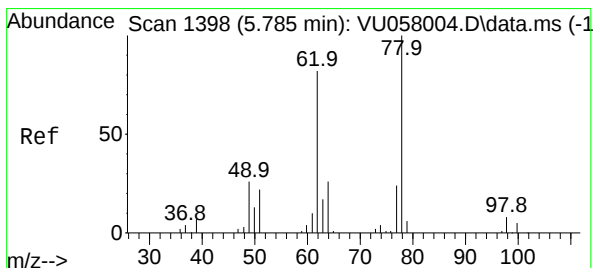
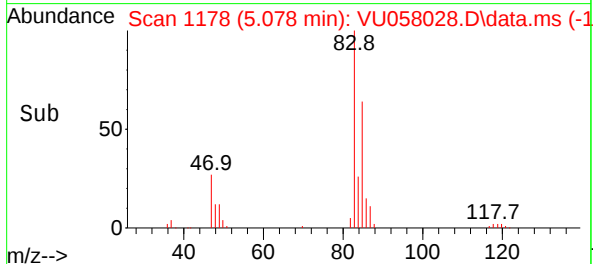
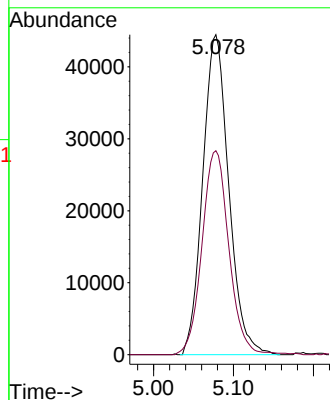
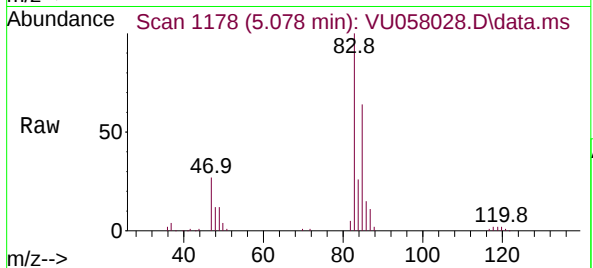
ClientSampleId :

Tgt Ion: 83 Resp: 100599

Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.293 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU058028.D

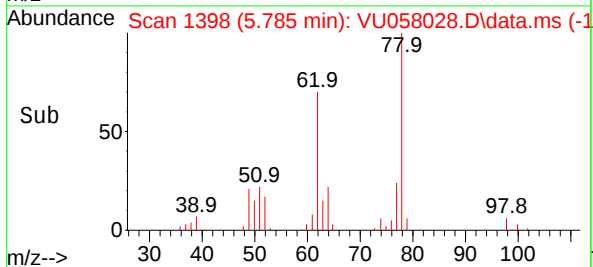
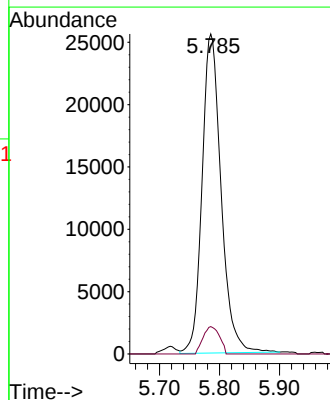
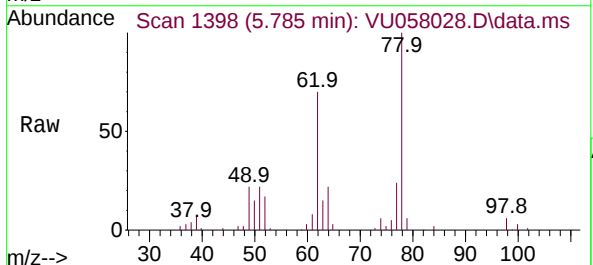
Acq: 08 Mar 2024 19:30

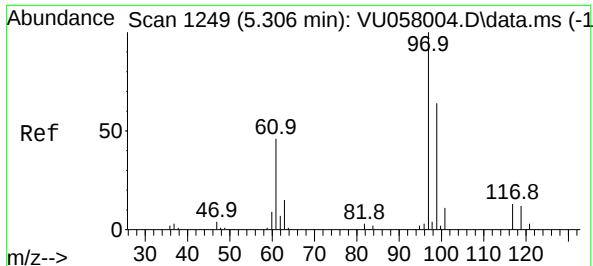
Tgt Ion: 62 Resp: 56501

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.4

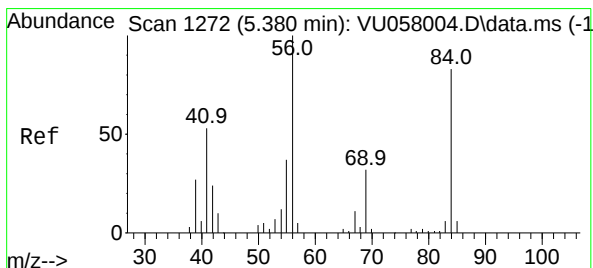
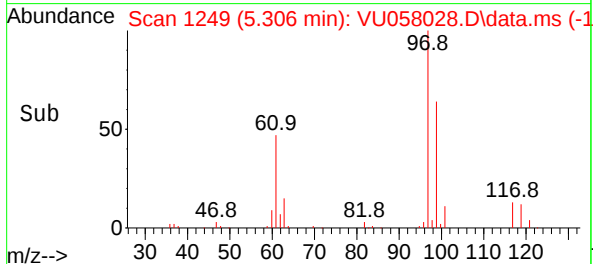
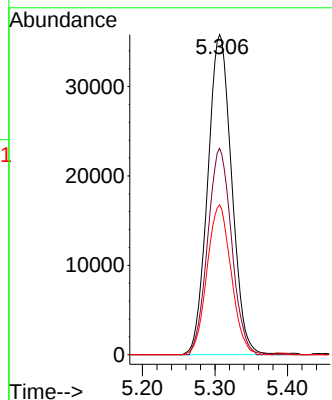
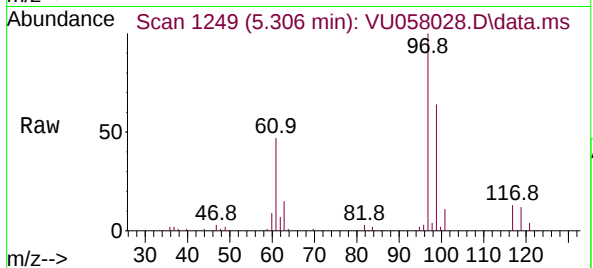




#29
1,1,1-Trichloroethane
Concen: 5.084 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

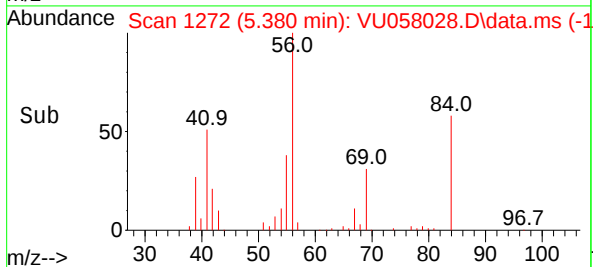
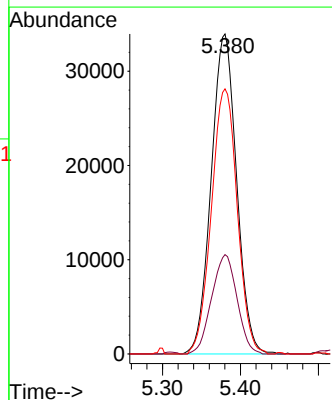
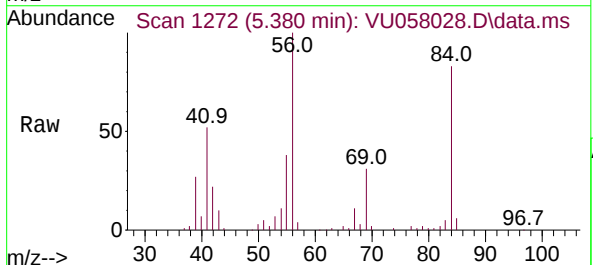
Instrument :
MSVOA_U
ClientSampleId :

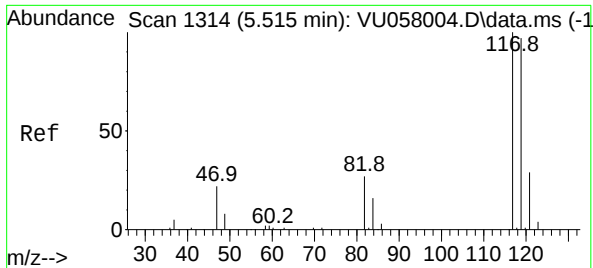
Tgt Ion:	97	Resp:	82202
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	47.1	37.4	56.2



#30
Cyclohexane
Concen: 4.715 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

Tgt Ion:	56	Resp:	76969
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.2	36.2
84	84.2	66.6	99.8

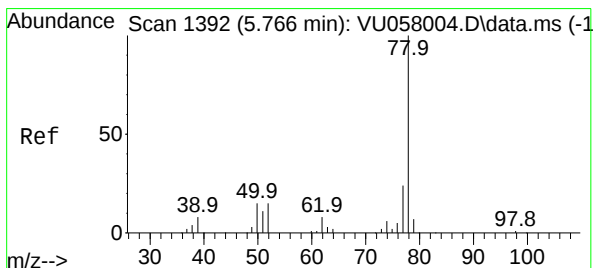
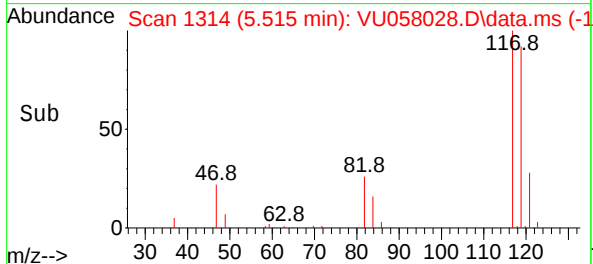
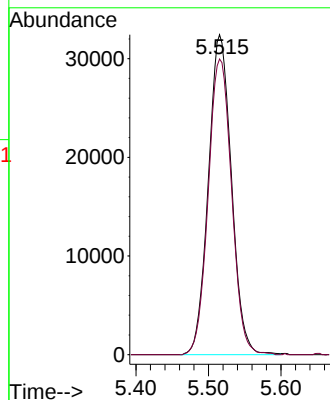
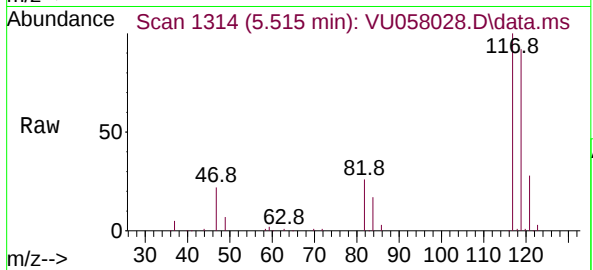




#31
Carbon tetrachloride
Concen: 5.105 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

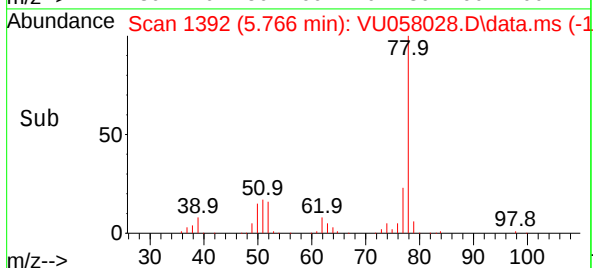
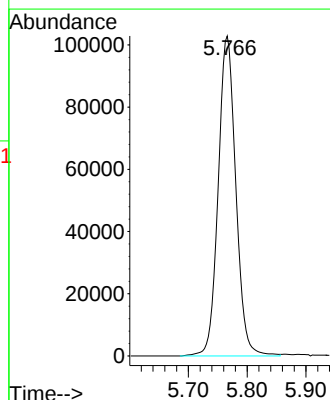
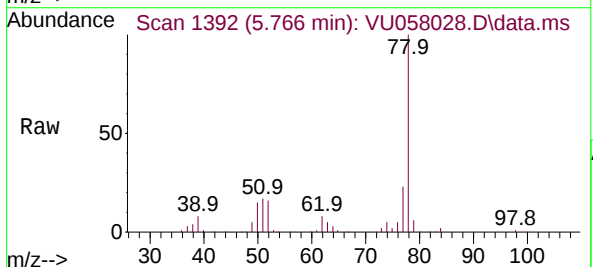
Instrument :
MSVOA_U
ClientSampleId :

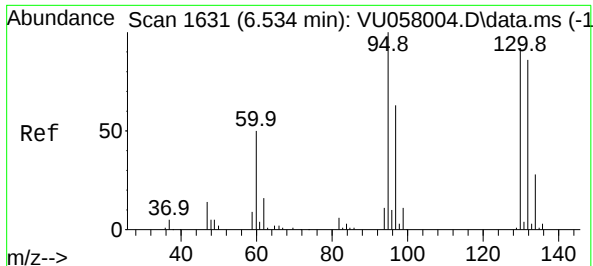
Tgt Ion:117 Resp: 71718
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8



#33
Benzene
Concen: 5.145 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

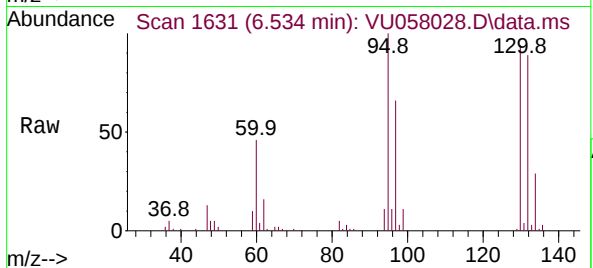
Tgt Ion: 78 Resp: 214436



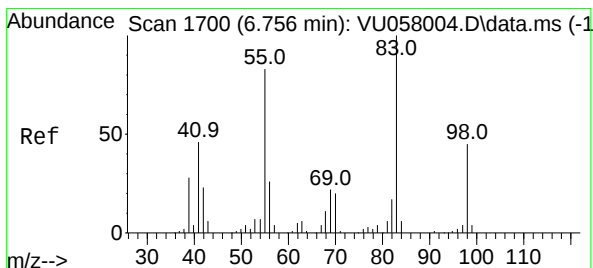
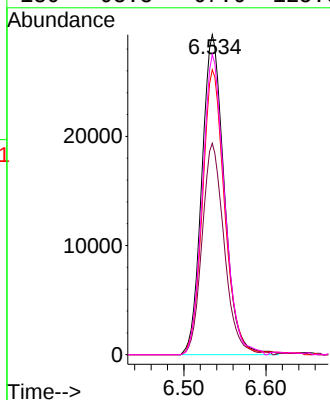
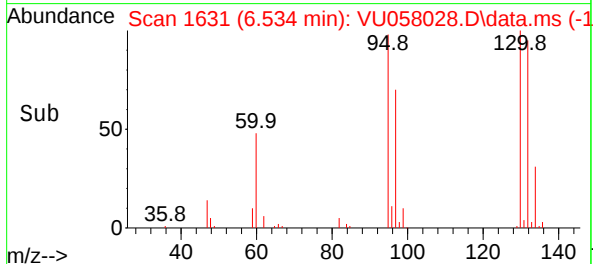


#34
Trichloroethene
Concen: 5.071 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

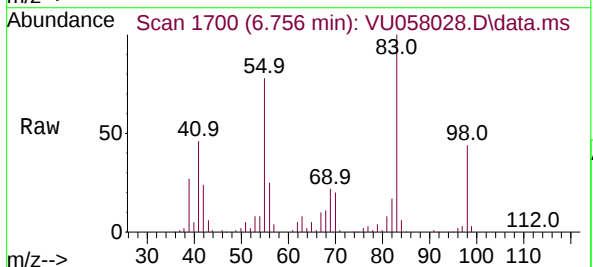
Instrument :
MSVOA_U
ClientSampleId :



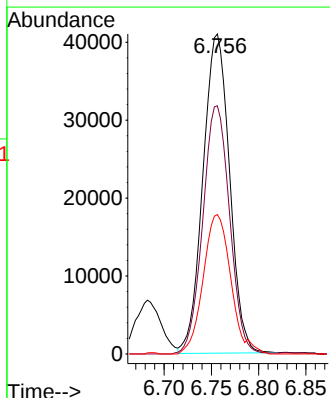
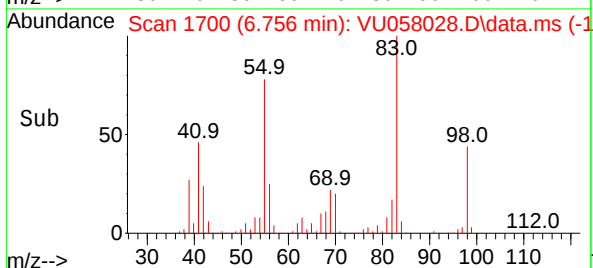
Tgt Ion: 95 Resp: 55610
Ion Ratio Lower Upper
95 100
97 66.0 45.3 84.1
132 89.1 63.1 117.1
130 93.8 67.6 125.6

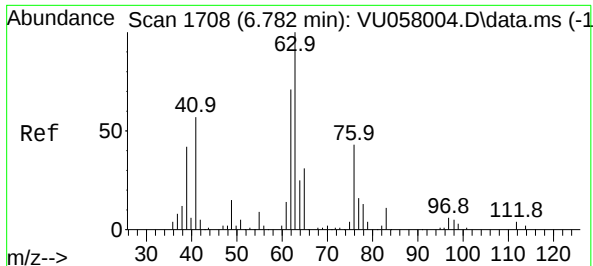


#35
Methylcyclohexane
Concen: 4.770 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30



Tgt Ion: 83 Resp: 80195
Ion Ratio Lower Upper
83 100
55 78.5 63.0 94.6
98 45.3 36.2 54.4

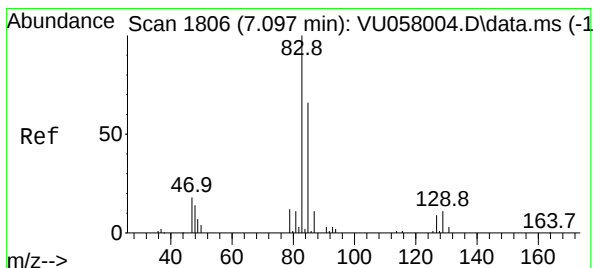
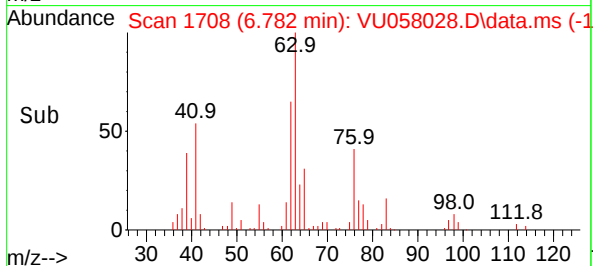
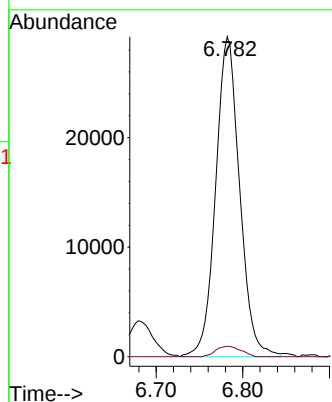
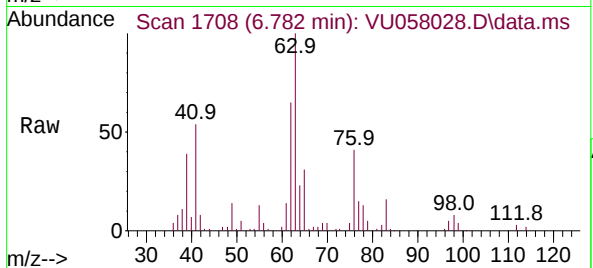




#37
1,2-Dichloropropane
Concen: 5.224 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

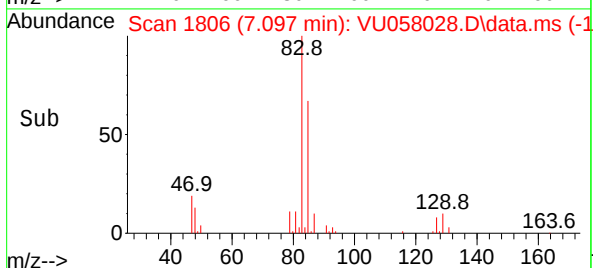
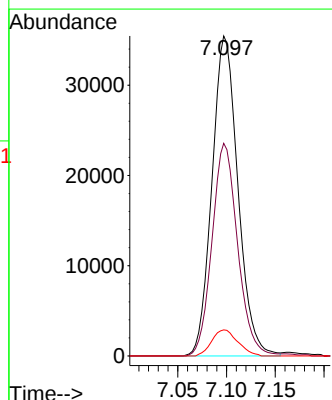
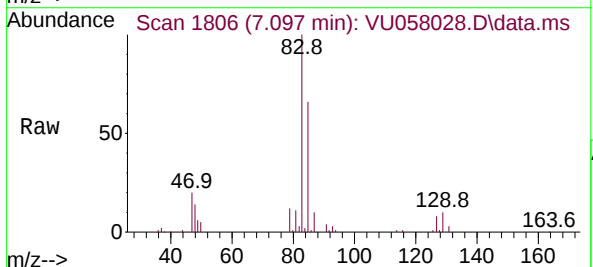
Instrument :
MSVOA_U
ClientSampleId :

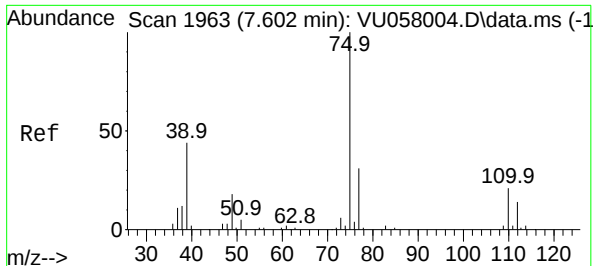
Tgt Ion: 63 Resp: 56150
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 5.031 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

Tgt Ion: 83 Resp: 65606
Ion Ratio Lower Upper
83 100
85 66.4 44.5 82.7
127 8.1 6.6 9.8

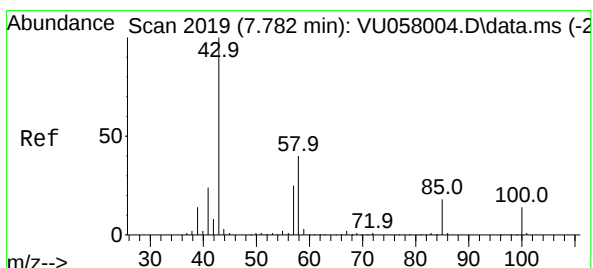
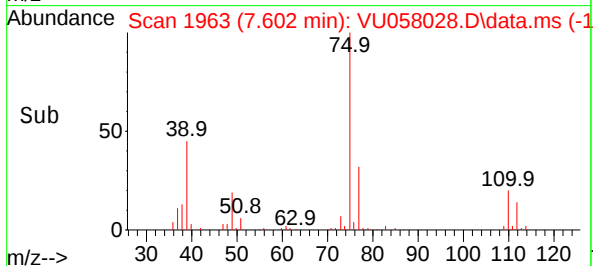
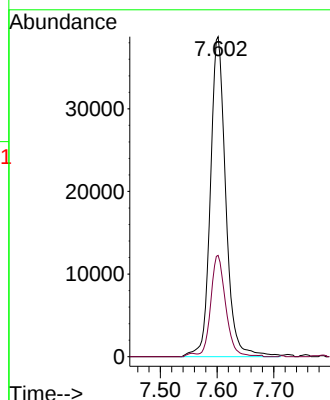
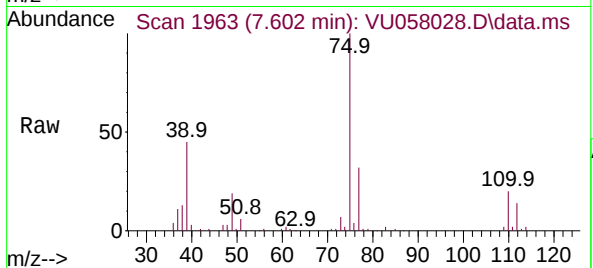




#39
 cis-1,3-Dichloropropene
 Concen: 4.945 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058028.D
 Acq: 08 Mar 2024 19:30

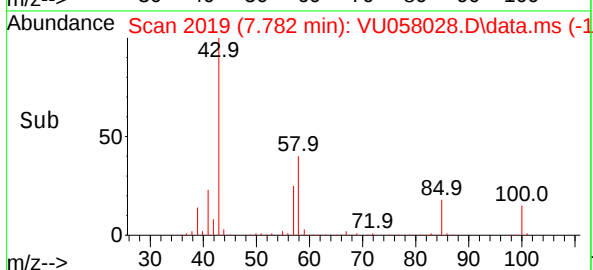
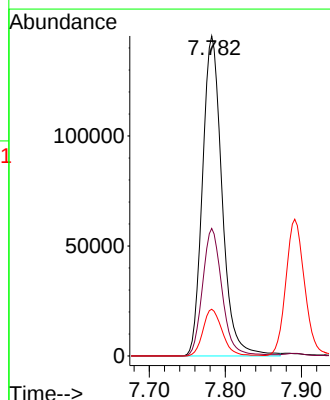
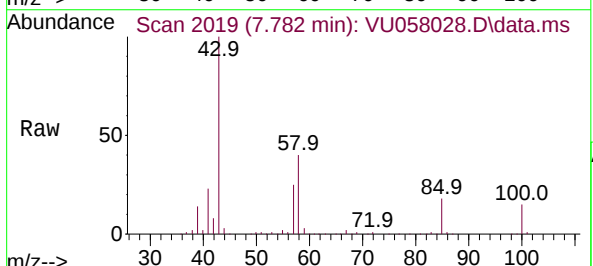
Instrument :
 MSVOA_U
 ClientSampleId :

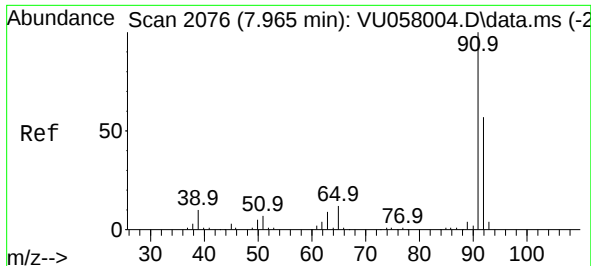
Tgt Ion: 75 Resp: 73228
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 52.700 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058028.D
 Acq: 08 Mar 2024 19:30

Tgt Ion: 43 Resp: 260574
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.7 47.5
 100 14.5 11.3 16.9





#42

Toluene

Concen: 5.063 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

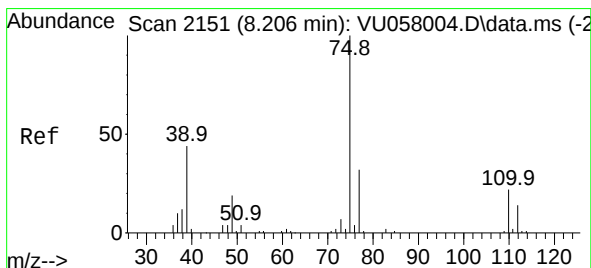
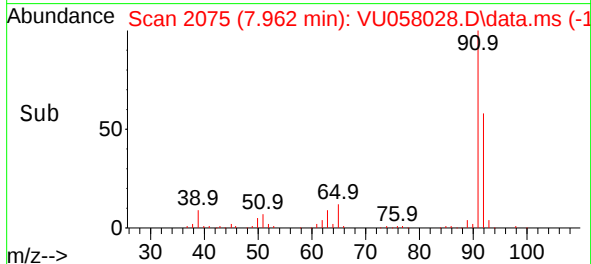
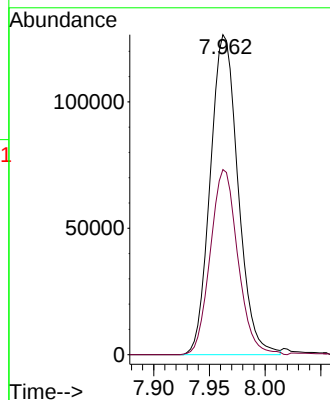
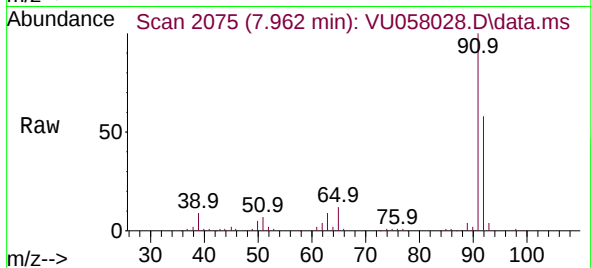
ClientSampleId :

Tgt Ion: 91 Resp: 219765

Ion Ratio Lower Upper

91 100

92 57.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.732 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058028.D

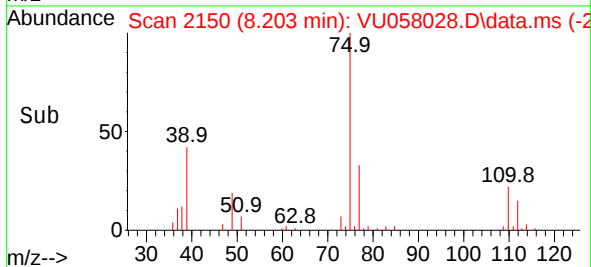
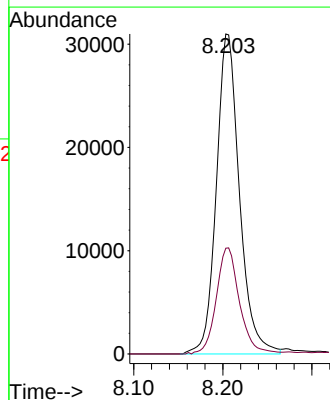
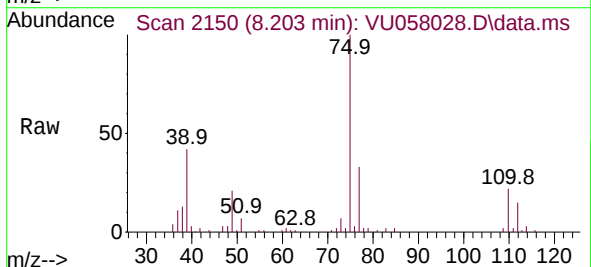
Acq: 08 Mar 2024 19:30

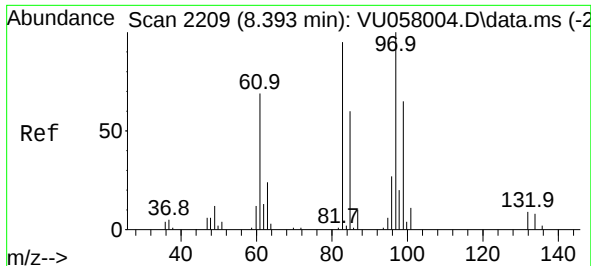
Tgt Ion: 75 Resp: 55837

Ion Ratio Lower Upper

75 100

77 33.0 23.1 42.9

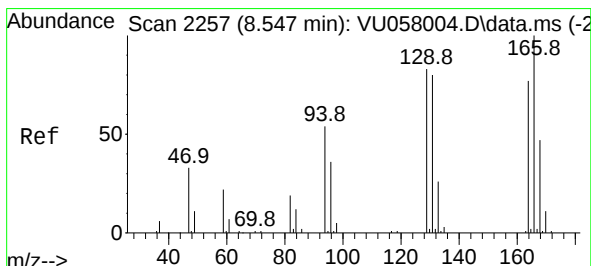
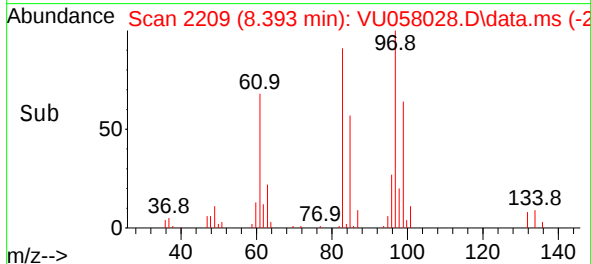
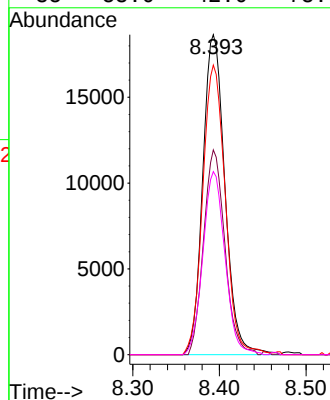
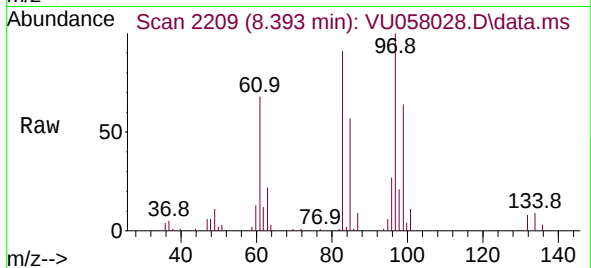




#45
1,1,2-Trichloroethane
Concen: 5.193 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

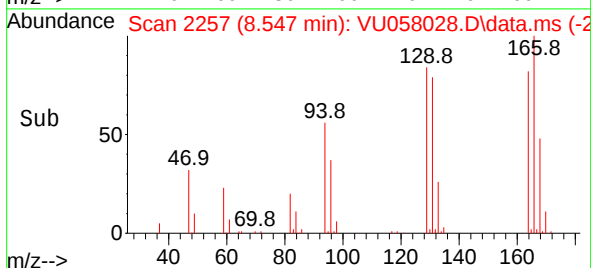
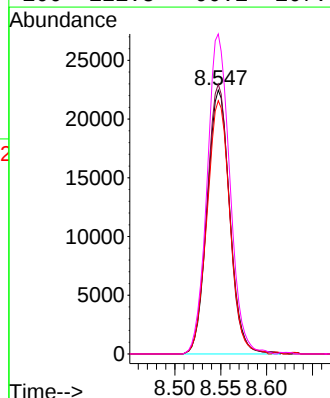
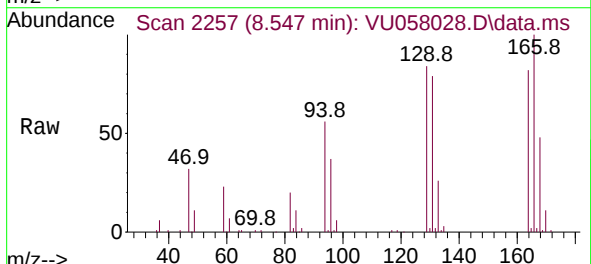
Instrument :
MSVOA_U
ClientSampleId :

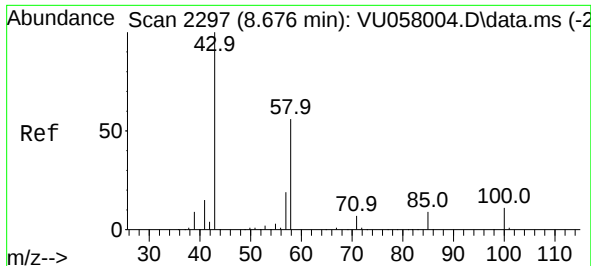
Tgt Ion	97	Resp: Lower	33095 Upper
97	100		
99	64.0	44.2	82.2
83	90.5	64.2	119.2
85	58.0	42.0	78.0



#47
Tetrachloroethene
Concen: 5.069 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

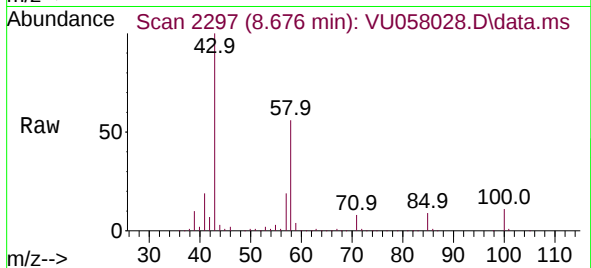
Tgt	Ion:164	Resp:	38572
Ion	Ratio	Lower	Upper
164	100		
129	102.2	69.3	128.7
131	96.0	69.9	129.9
166	121.3	90.1	167.3



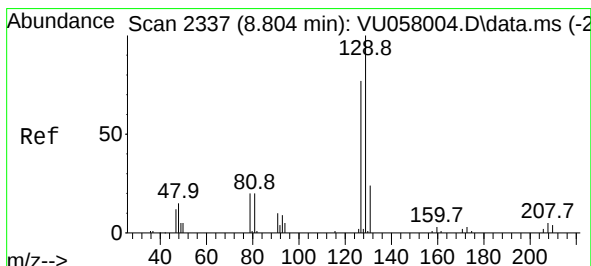
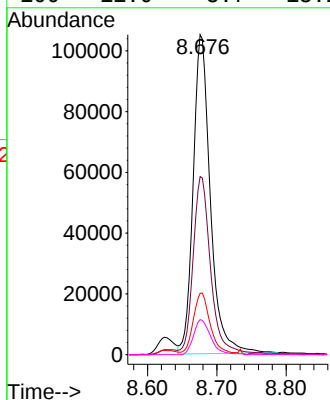
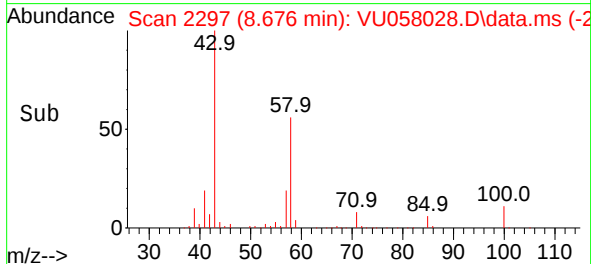


#48
2-Hexanone
Concen: 50.105 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

Instrument :
MSVOA_U
ClientSampleId :

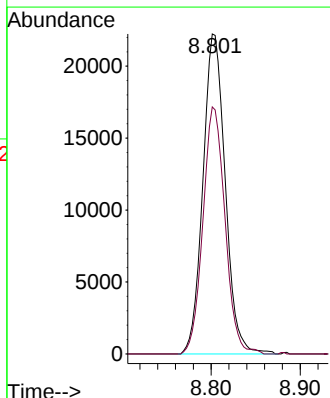
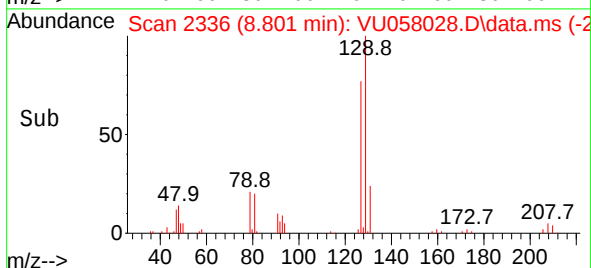
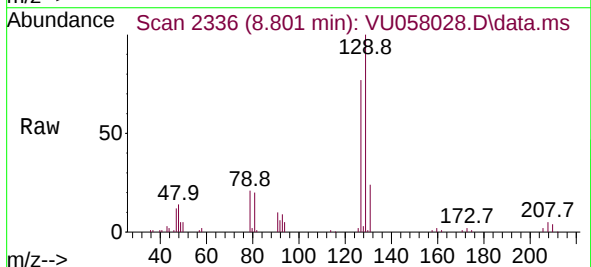


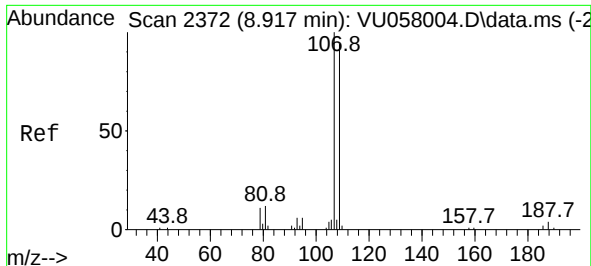
Tgt Ion: 43 Resp: 181682
Ion Ratio Lower Upper
43 100
58 56.0 43.3 64.9
57 19.2 15.2 22.8
100 11.0 8.7 13.1



#49
Dibromochloromethane
Concen: 5.128 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

Tgt Ion: 129 Resp: 38687
Ion Ratio Lower Upper
129 100
127 77.2 55.2 102.6





#50

1,2-Dibromoethane

Concen: 5.429 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU058028.D

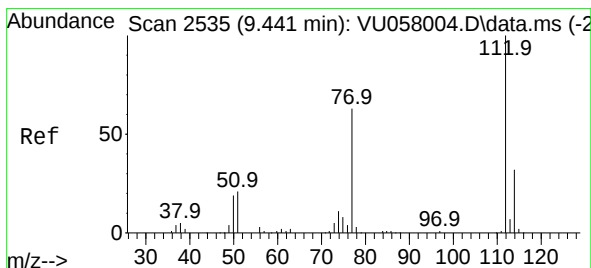
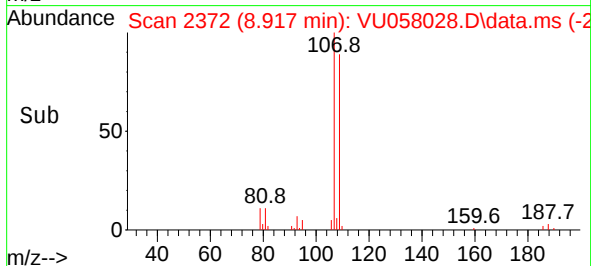
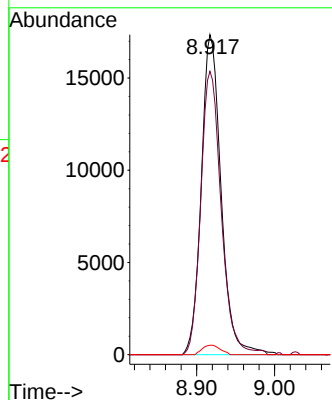
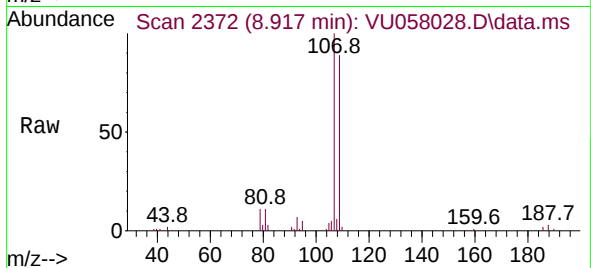
Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	30709
Ion Ratio	Lower	Upper	
107	100		
109	88.6	67.8	125.8
188	2.9	2.4	3.6



#51

Chlorobenzene

Concen: 5.076 ug/L

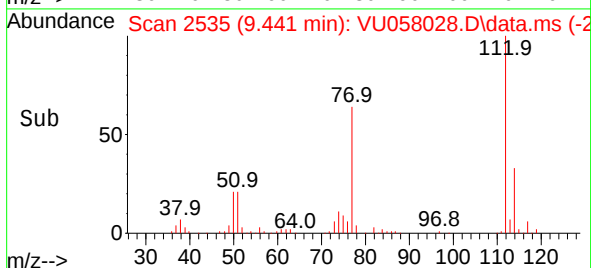
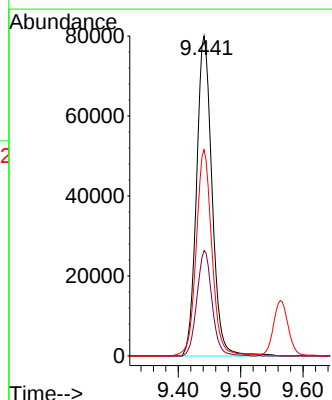
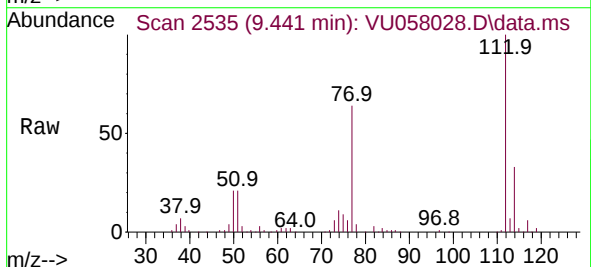
RT: 9.441 min Scan# 2535

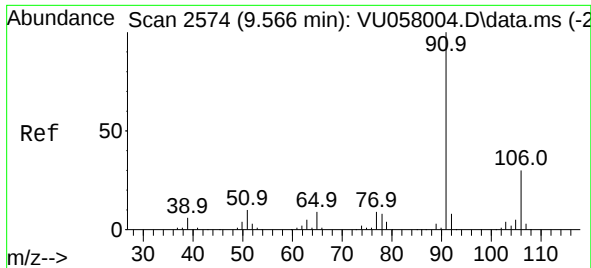
Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Tgt Ion:	112	Resp:	138185
Ion Ratio	Lower	Upper	
112	100		
114	33.0	22.7	42.1
77	64.5	52.3	78.5





#52

Ethylbenzene

Concen: 5.063 ug/L

RT: 9.563 min Scan# 2

Delta R.T. -0.003 min MSVOA_U

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

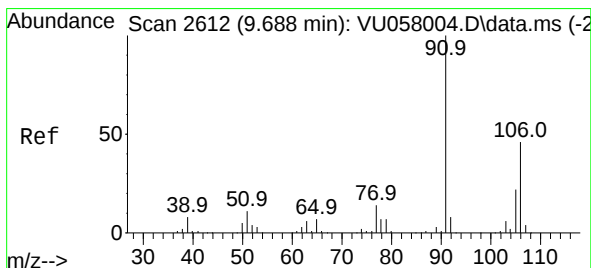
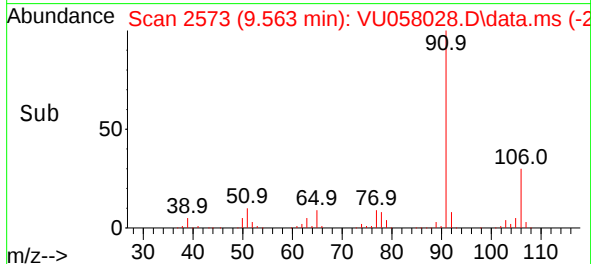
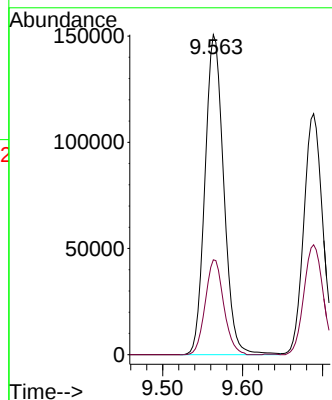
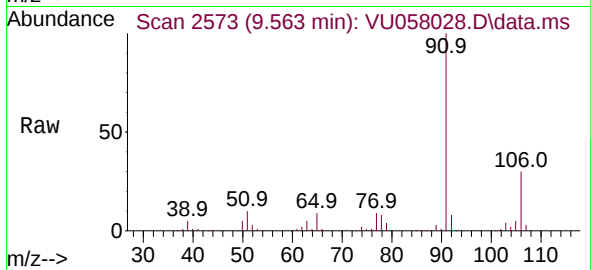
ClientSampleId :

Tgt Ion: 91 Resp: 245935

Ion Ratio Lower Upper

91 100

106 29.7 20.9 38.7



#53

m,p-Xylene

Concen: 5.096 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU058028.D

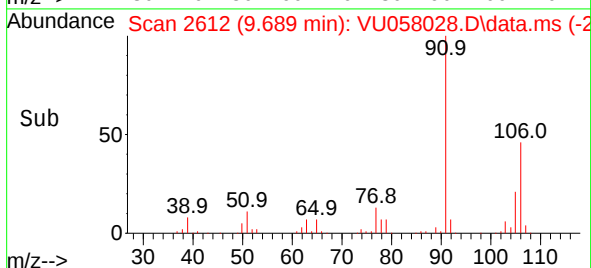
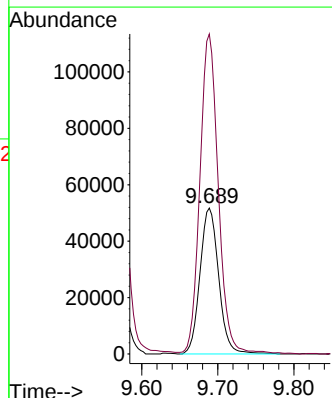
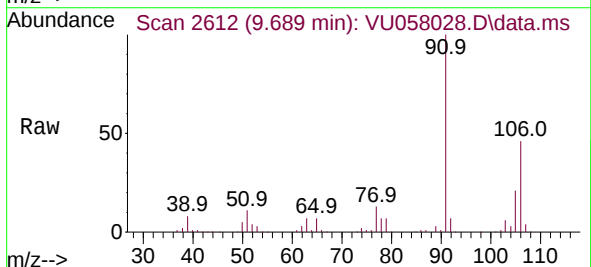
Acq: 08 Mar 2024 19:30

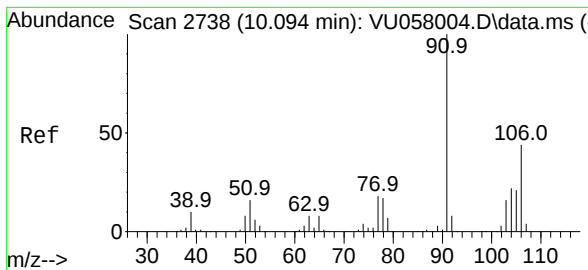
Tgt Ion:106 Resp: 88446

Ion Ratio Lower Upper

106 100

91 219.4 148.8 276.4





#54

o-Xylene

Concen: 5.058 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

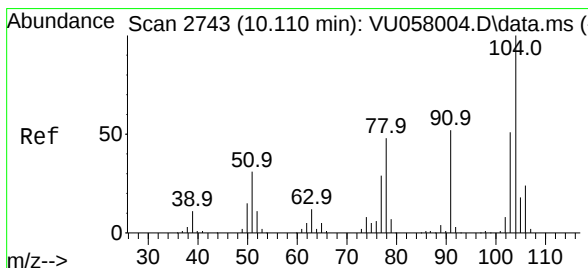
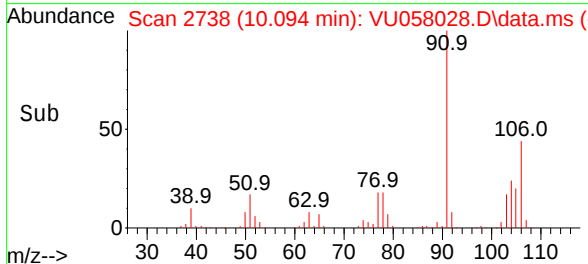
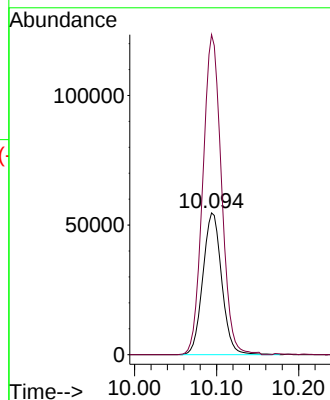
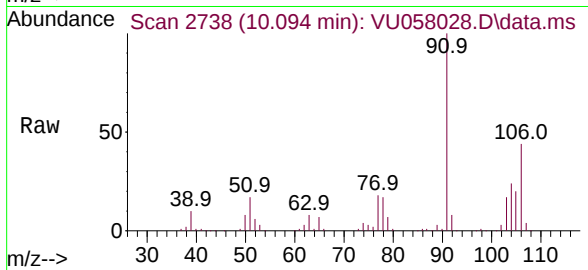
ClientSampleId :

Tgt Ion:106 Resp: 87489

Ion Ratio Lower Upper

106 100

91 225.8 158.3 294.1



#55

Styrene

Concen: 5.237 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058028.D

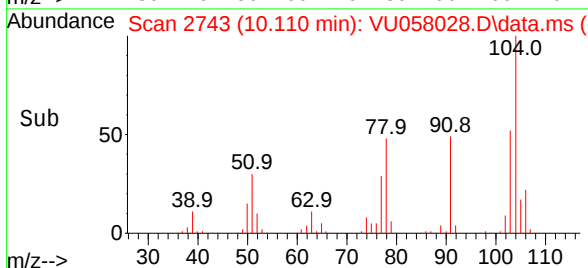
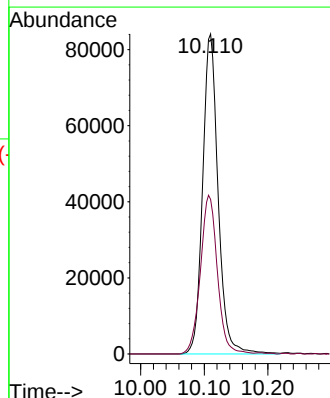
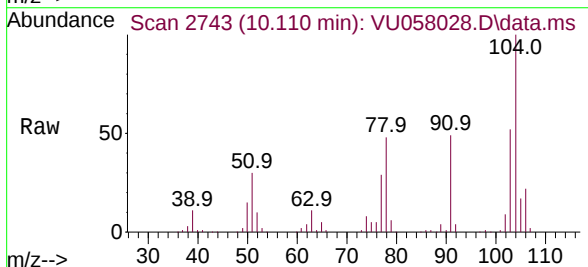
Acq: 08 Mar 2024 19:30

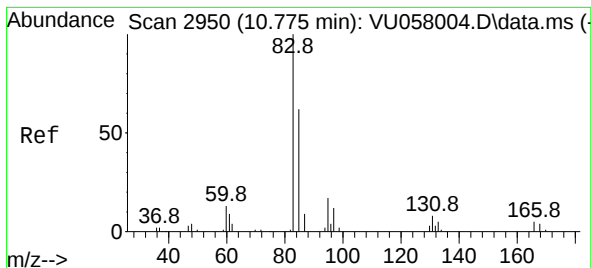
Tgt Ion:104 Resp: 142170

Ion Ratio Lower Upper

104 100

78 48.3 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.171 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

ClientSampleId :

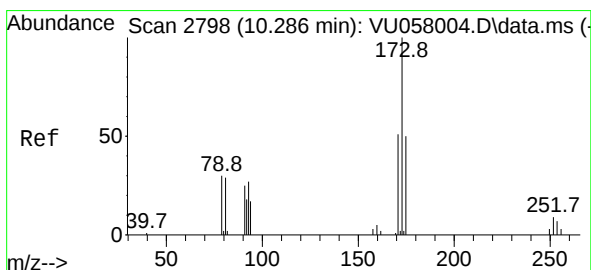
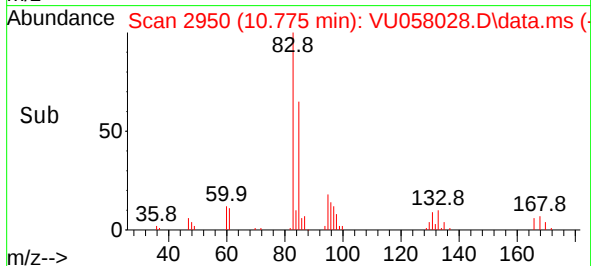
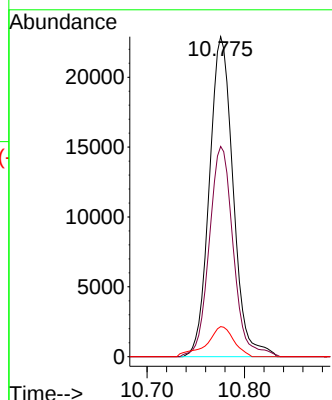
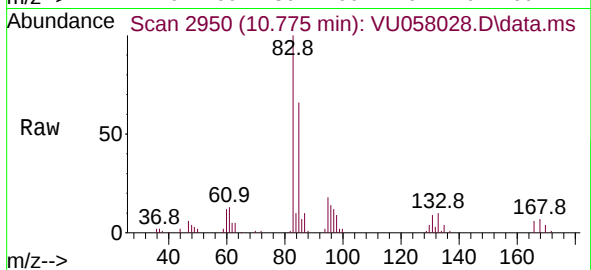
Tgt Ion: 83 Resp: 38824

Ion Ratio Lower Upper

83 100

85 65.7 44.0 81.6

131 9.4 6.9 10.3



#59

Bromoform

Concen: 4.986 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

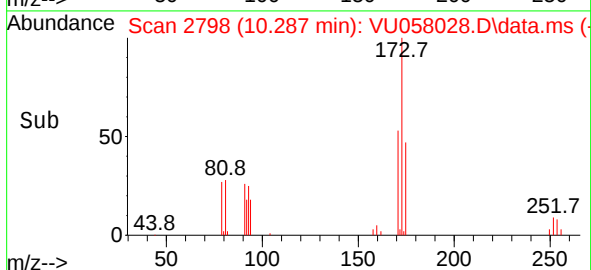
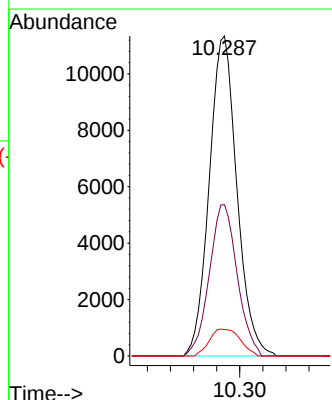
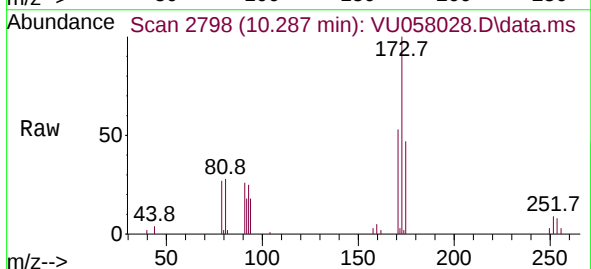
Tgt Ion:173 Resp: 18854

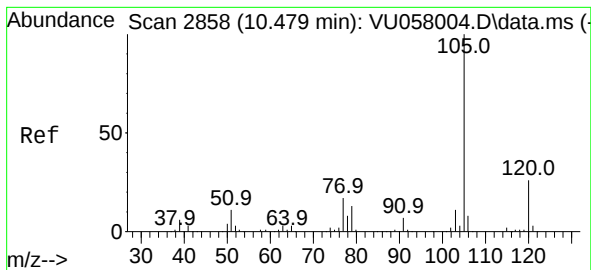
Ion Ratio Lower Upper

173 100

175 47.6 38.6 57.8

254 9.3 7.3 10.9





#60

Isopropylbenzene

Concen: 4.963 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

ClientSampleId :

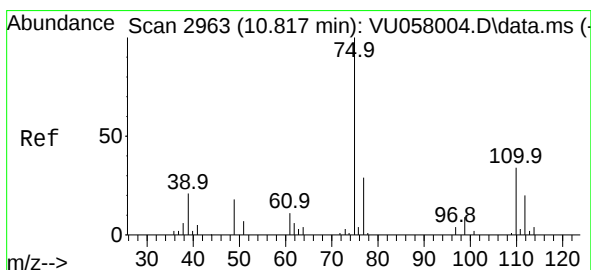
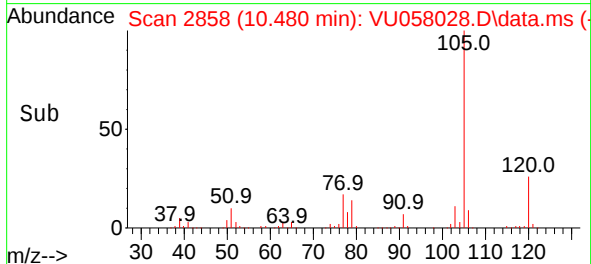
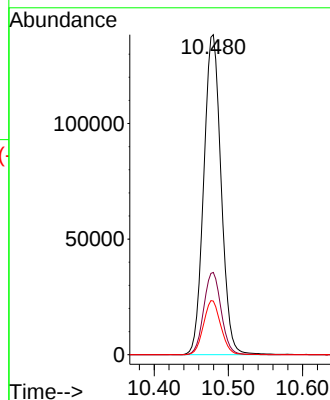
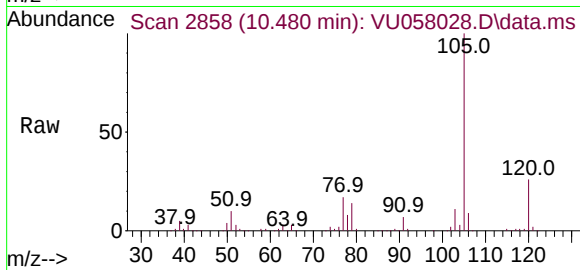
Tgt Ion:105 Resp: 224090

Ion Ratio Lower Upper

105 100

120 25.9 20.4 30.6

77 16.9 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.005 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

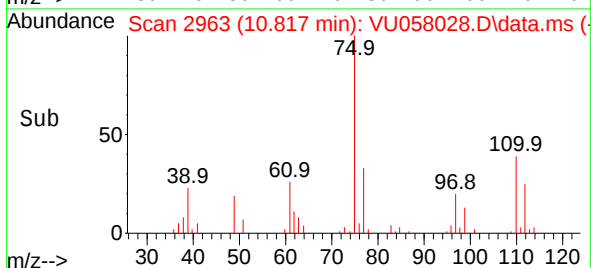
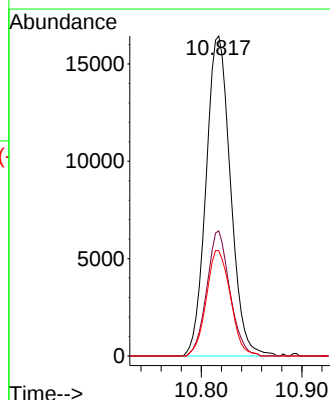
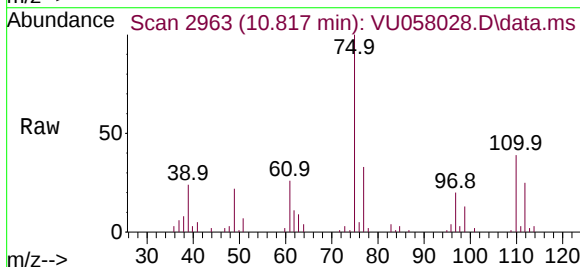
Tgt Ion: 75 Resp: 27799

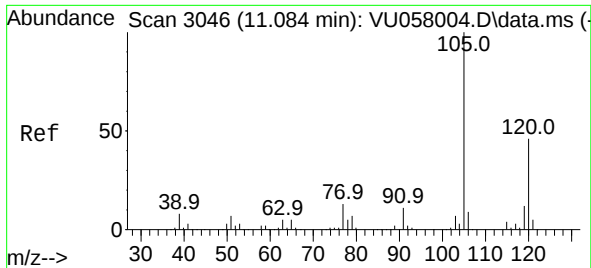
Ion Ratio Lower Upper

75 100

110 36.8 28.0 42.0

77 32.4 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 4.918 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

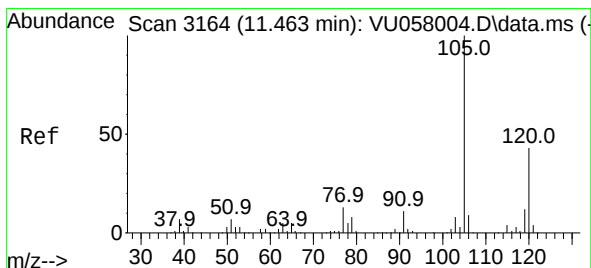
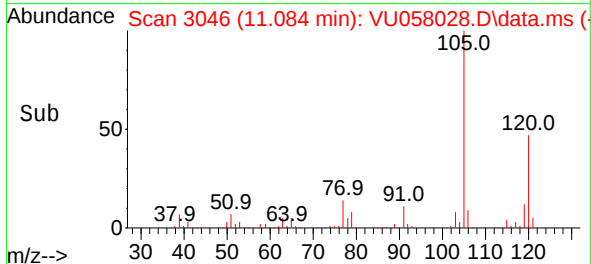
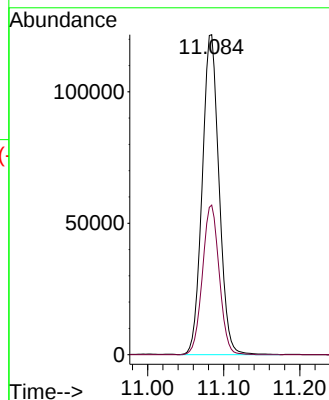
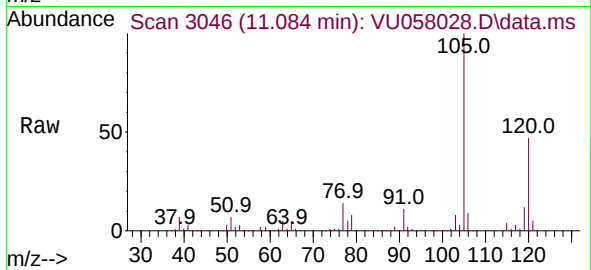
ClientSampleId :

Tgt Ion:105 Resp: 187298

Ion Ratio Lower Upper

105 100

120 46.5 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 5.041 ug/L

RT: 11.464 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058028.D

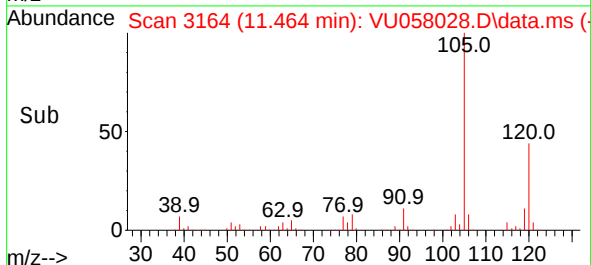
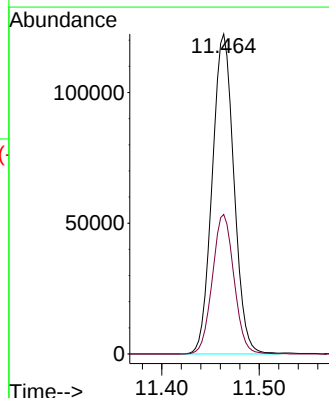
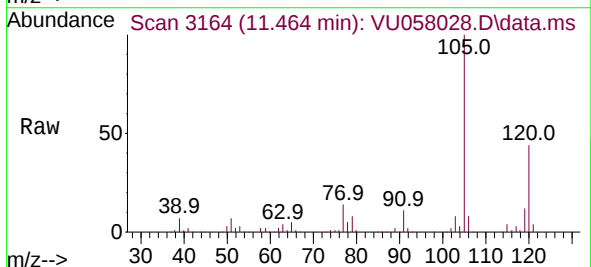
Acq: 08 Mar 2024 19:30

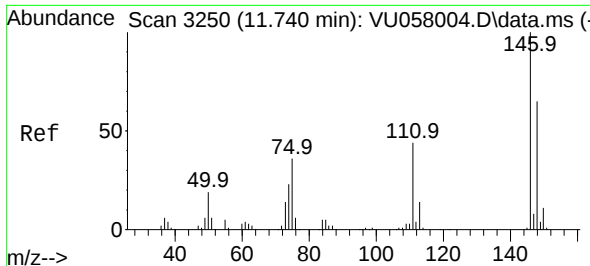
Tgt Ion:105 Resp: 189459

Ion Ratio Lower Upper

105 100

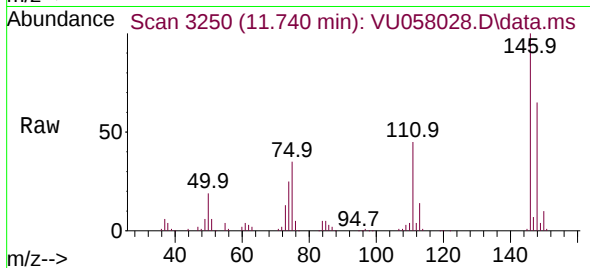
120 43.3 34.8 52.2



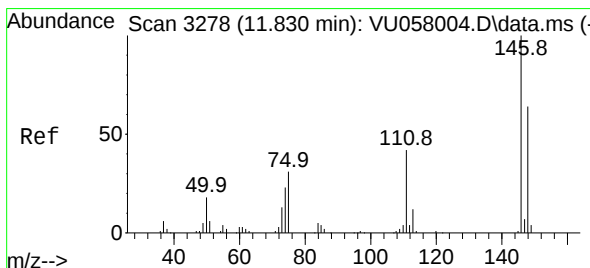
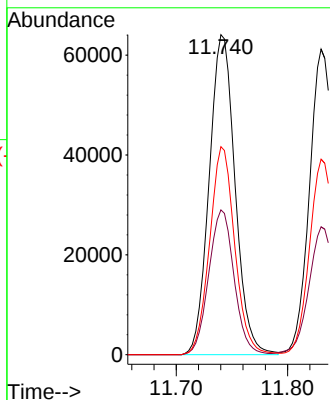
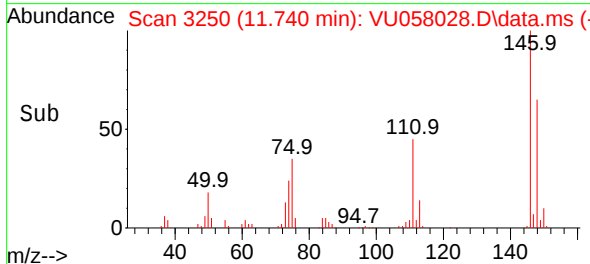


#64
1,3-Dichlorobenzene
Concen: 5.047 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30

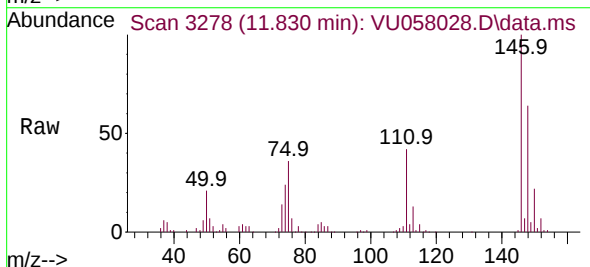
Instrument :
MSVOA_U
ClientSampleId :



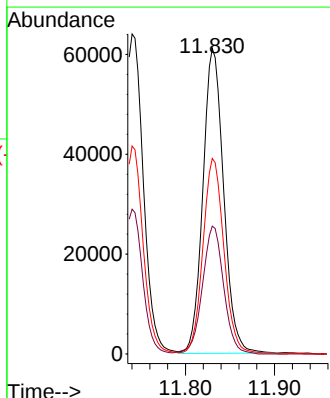
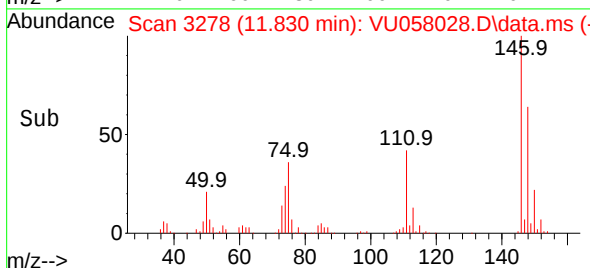
Tgt Ion:146 Resp: 103575
Ion Ratio Lower Upper
146 100
111 45.3 30.9 57.5
148 65.0 45.4 84.4

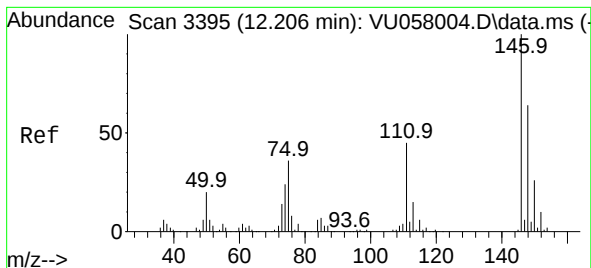


#65
1,4-Dichlorobenzene
Concen: 4.913 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058028.D
Acq: 08 Mar 2024 19:30



Tgt Ion:146 Resp: 98706
Ion Ratio Lower Upper
146 100
111 41.8 30.1 55.9
148 64.0 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.099 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

ClientSampleId :

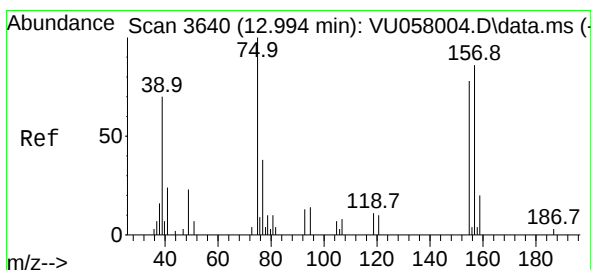
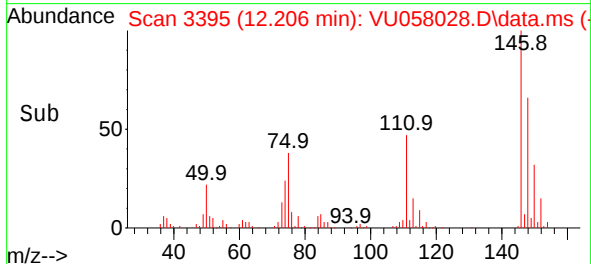
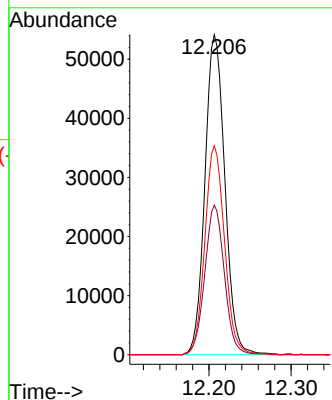
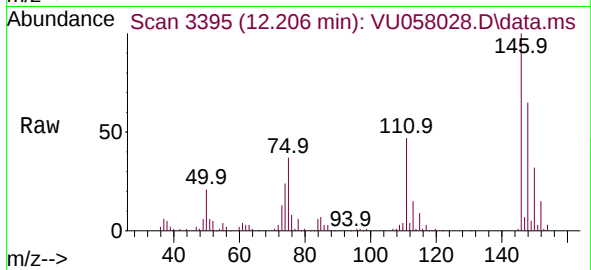
Tgt Ion:146 Resp: 91364

Ion Ratio Lower Upper

146 100

111 46.7 37.4 56.0

148 65.3 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.131 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

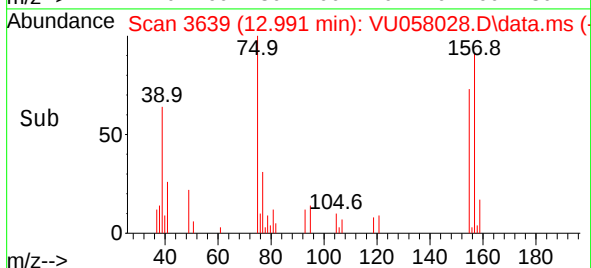
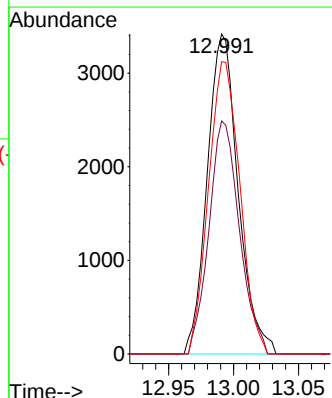
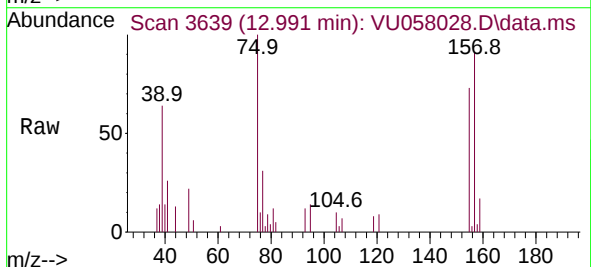
Tgt Ion: 75 Resp: 5654

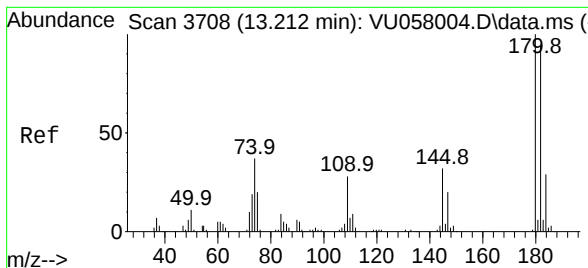
Ion Ratio Lower Upper

75 100

155 72.8 61.0 91.6

157 91.4 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 4.905 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 72413

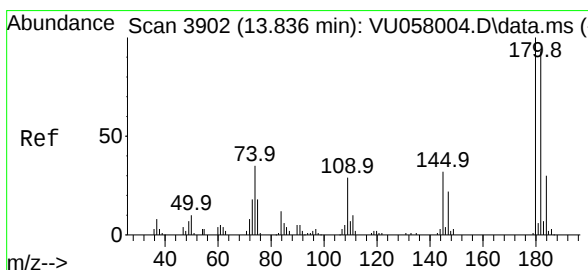
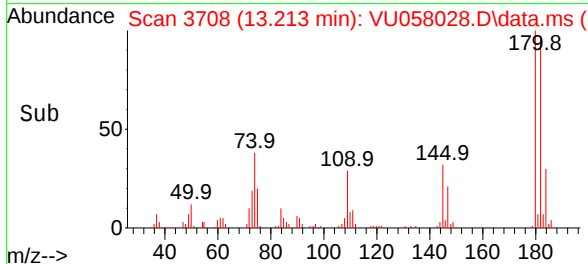
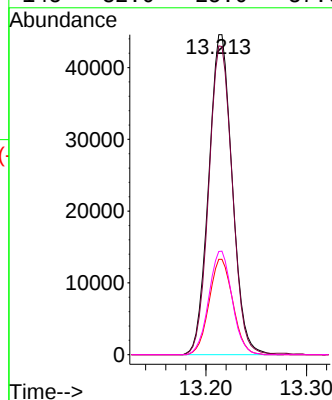
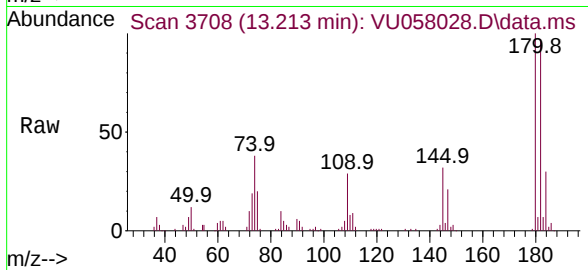
Ion Ratio Lower Upper

180 100

182 96.3 76.3 114.5

184 30.0 24.6 36.8

145 32.0 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 5.096 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

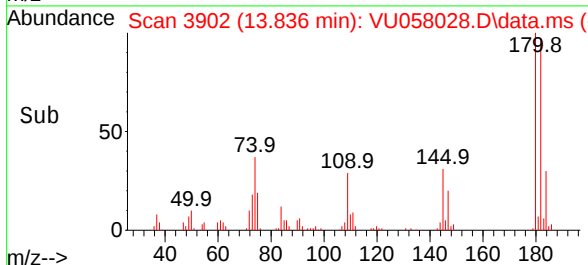
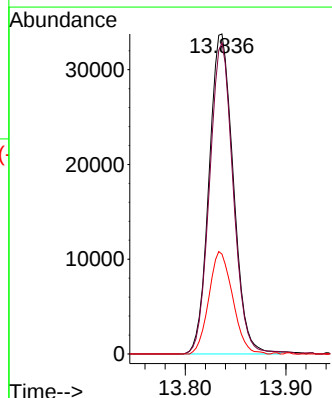
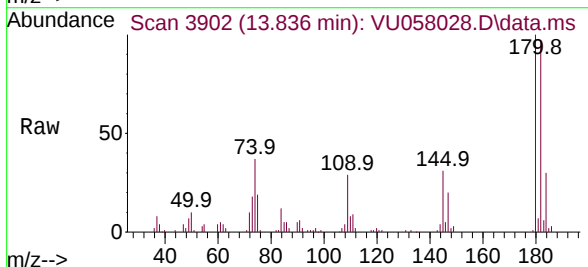
Tgt Ion:180 Resp: 56528

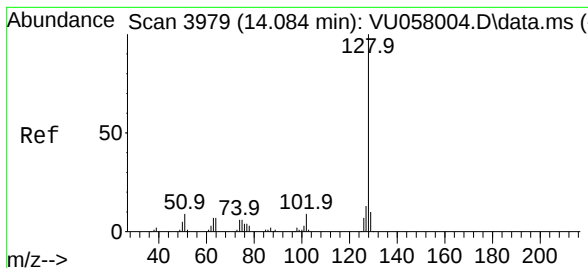
Ion Ratio Lower Upper

180 100

182 94.7 77.9 116.9

145 31.4 25.8 38.8





#71

Naphthalene

Concen: 4.981 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Instrument :

MSVOA_U

ClientSampleId :

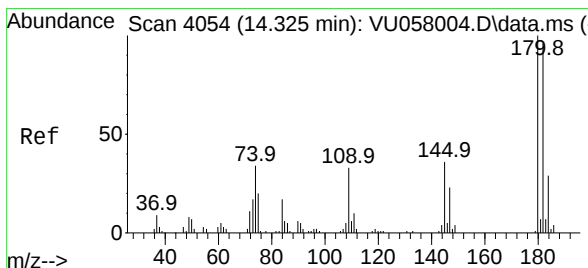
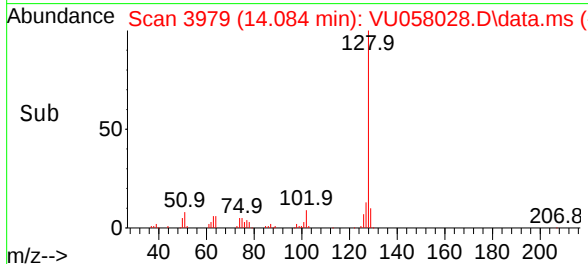
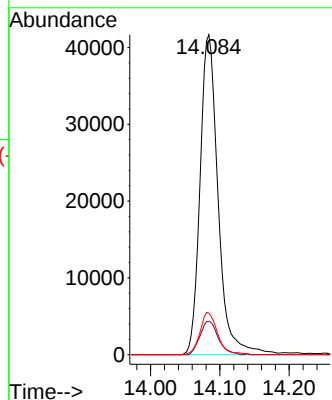
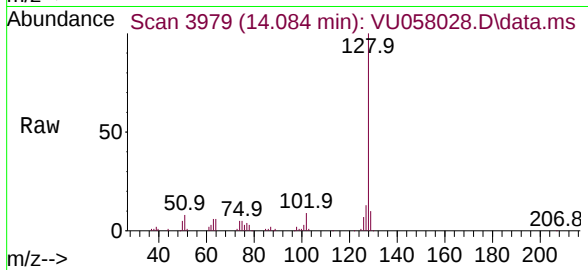
Tgt Ion:128 Resp: 75455

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

127 12.9 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.120 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU058028.D

Acq: 08 Mar 2024 19:30

Tgt Ion:180 Resp: 44864

Ion Ratio Lower Upper

180 100

182 96.1 77.6 116.4

145 34.6 28.7 43.1

