

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058642.D
 Acq On : 12 Apr 2024 09:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 23:39:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23331	4.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.904	69	29941	6.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	133.800%#
11) 1,1-Dichloroethene-d2	2.557	65	11210	4.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.618	46	55410	51.074	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.140%
24) Chloroform-d	5.052	84	52390	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.692	65	23733	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.717	84	96903	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	31092	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	84696	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	9508	4.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.631	63	40262	49.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20644	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	24826	4.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	28088	4.334	ug/L	100
3) Chloromethane	1.515	50	34491	4.348	ug/L	100
5) Vinyl chloride	1.599	62	35060	4.426	ug/L	100
6) Bromomethane	1.853	94	17786	4.746	ug/L	98
8) Chloroethane	1.923	64	33391	6.672	ug/L	98
9) Trichlorofluoromethane	2.129	101	48121	4.600	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29203	4.698	ug/L	96
12) 1,1-Dichloroethene	2.570	96	24980	4.533	ug/L	92
13) Acetone	2.628	43	40273	43.493	ug/L	100
14) Carbon disulfide	2.785	76	72816	4.160	ug/L	99
15) Methyl Acetate	2.946	43	10355	4.740	ug/L	98
16) Methylene chloride	3.033	84	29824	4.078	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	58385	4.485	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	26450	4.580	ug/L	93
19) 1,1-Dichloroethane	3.856	63	61047	4.843	ug/L	99
21) 2-Butanone	4.698	43	62379	45.071	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	29671	4.575	ug/L	97
23) Bromochloromethane	4.965	128	11803	4.619	ug/L	93
25) Chloroform	5.078	83	59956	4.914	ug/L	99

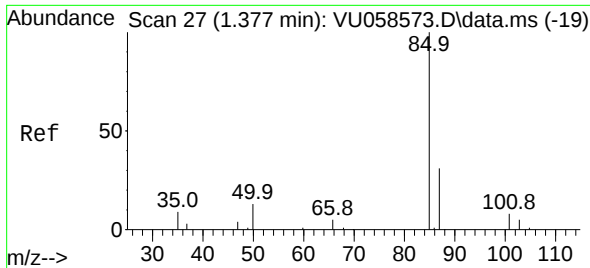
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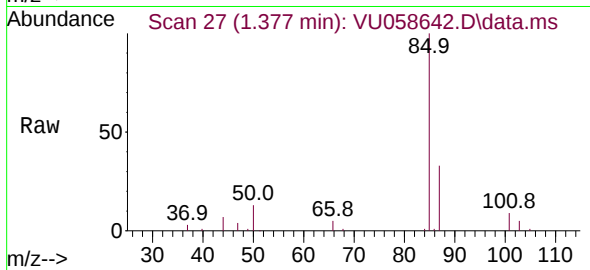
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	35343	4.757	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	47412	4.702	ug/L	98
30) Cyclohexane	5.380	56	45868	4.307	ug/L	99
31) Carbon tetrachloride	5.515	117	40077	4.693	ug/L	99
33) Benzene	5.766	78	126821	4.652	ug/L	100
34) Trichloroethene	6.534	95	30705	4.468	ug/L	97
35) Methylcyclohexane	6.756	83	44882	4.335	ug/L	98
37) 1,2-Dichloropropane	6.782	63	35205	4.908	ug/L	99
38) Bromodichloromethane	7.097	83	39704	4.850	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	41516	4.552	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	163030	48.289	ug/L	97
42) Toluene	7.962	91	131759	4.608	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	33370	4.639	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	19880	4.746	ug/L	96
47) Tetrachloroethene	8.547	164	21822	4.332	ug/L	97
48) 2-Hexanone	8.682	43	117061	48.841	ug/L	95
49) Dibromochloromethane	8.804	129	21938	4.530	ug/L	97
50) 1,2-Dibromoethane	8.917	107	16912	4.414	ug/L	94
51) Chlorobenzene	9.441	112	77725	4.492	ug/L	99
52) Ethylbenzene	9.563	91	134642	4.444	ug/L	100
53) m,p-Xylene	9.688	106	48912	4.509	ug/L	99
54) o-Xylene	10.093	106	47805	4.495	ug/L	98
55) Styrene	10.110	104	77389	4.523	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	23975	4.640	ug/L	98
59) Bromoform	10.286	173	11160	4.687	ug/L	97
60) Isopropylbenzene	10.479	105	123522	4.735	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17386	4.782	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	98175	4.615	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	99780	4.593	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	57999	4.577	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	54122	4.384	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	51393	4.458	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	3203	5.195	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	39389	4.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	25666	3.552	ug/L	97
71) Naphthalene	14.084	128	27691	2.796	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	21329	3.574	ug/L	98

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

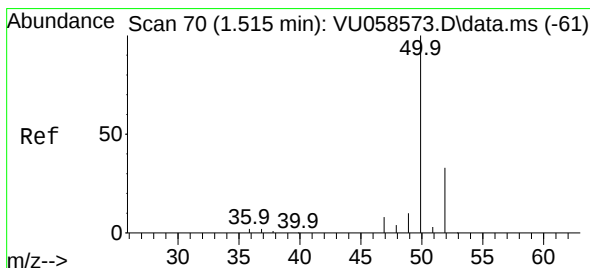
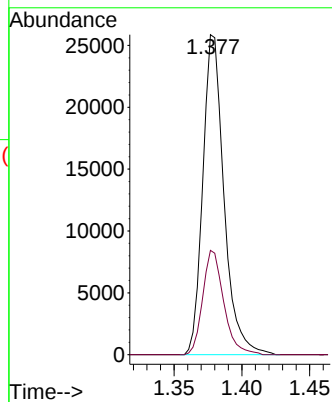
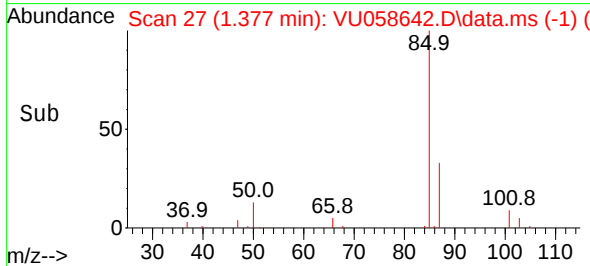


#2
 Dichlorodifluoromethane
 Concen: 4.334 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

Instrument :
 MSVOA_U
 ClientSampleId :

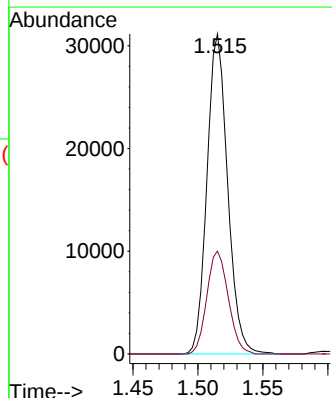
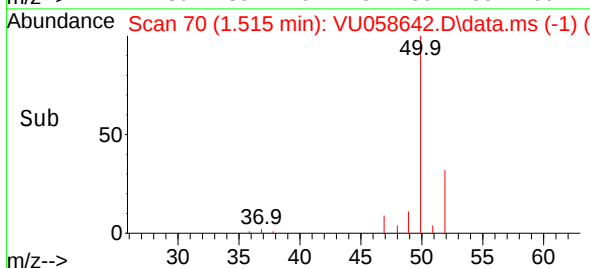
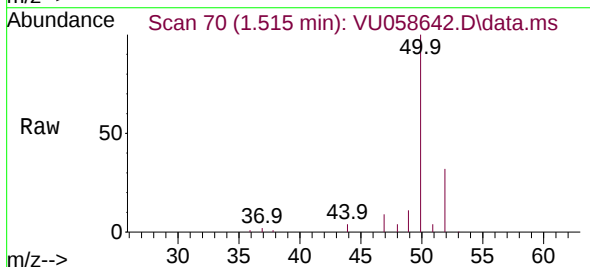


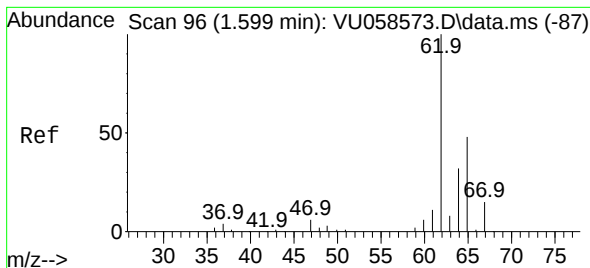
Tgt Ion: 85 Resp: 28088
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 4.348 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

Tgt Ion: 50 Resp: 34491
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.6 42.0





#5

Vinyl chloride

Concen: 4.426 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

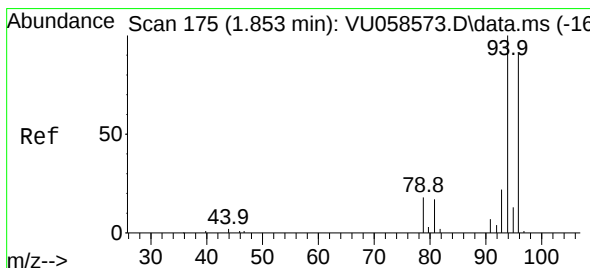
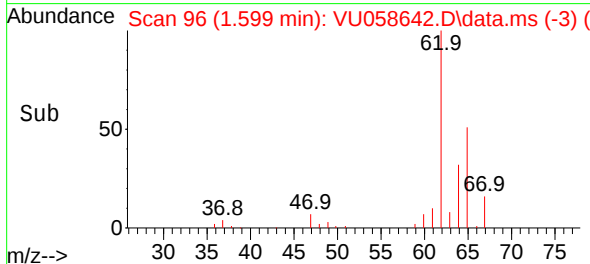
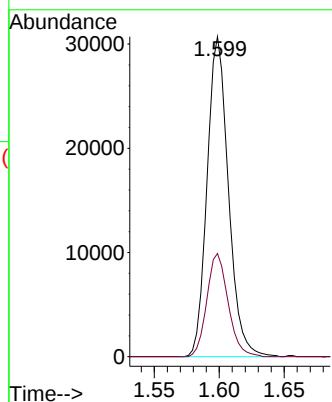
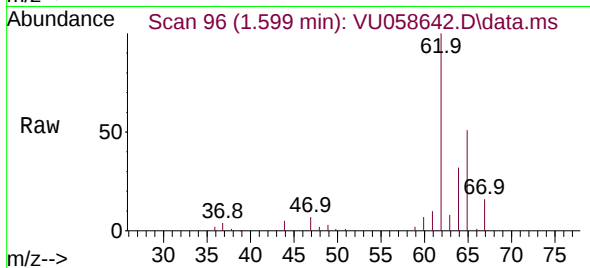
ClientSampleId :

Tgt Ion: 62 Resp: 35060

Ion Ratio Lower Upper

62 100

64 32.2 22.6 42.0



#6

Bromomethane

Concen: 4.746 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU058642.D

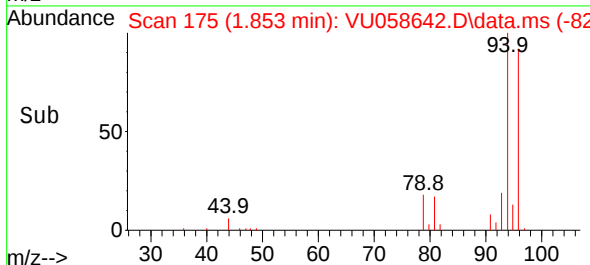
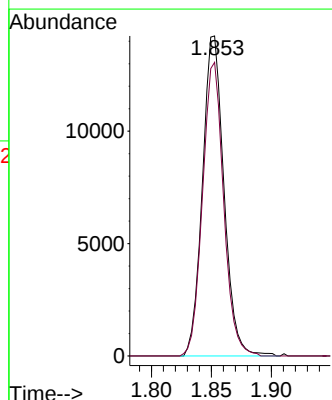
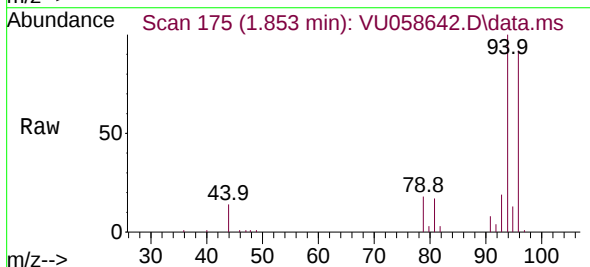
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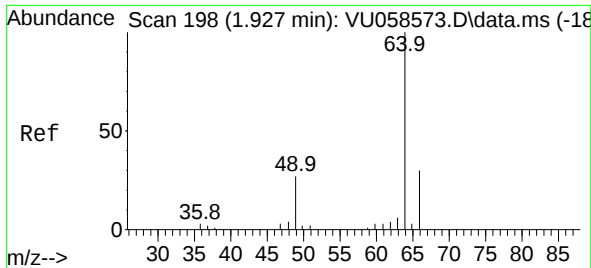
Tgt Ion: 94 Resp: 17786

Ion Ratio Lower Upper

94 100

96 91.7 65.4 121.4

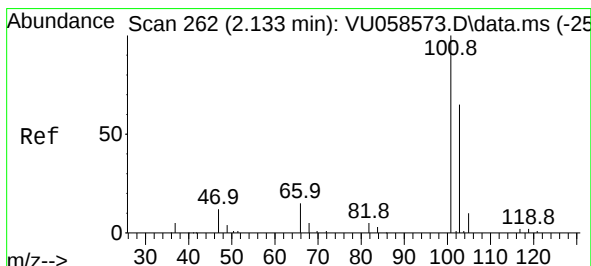
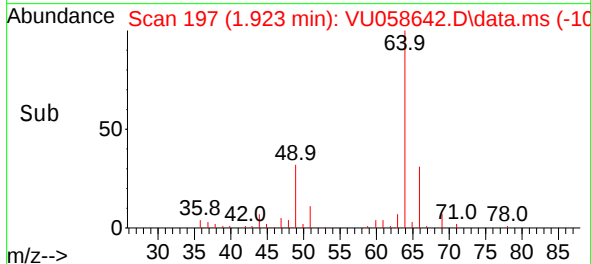
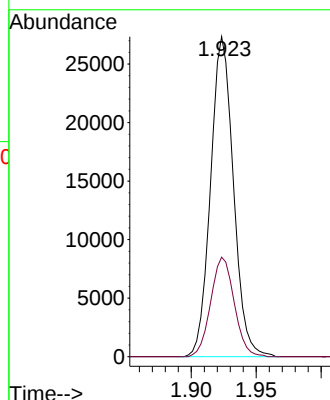
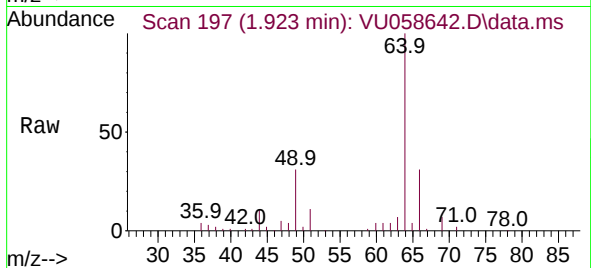




#8
Chloroethane
Concen: 6.672 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

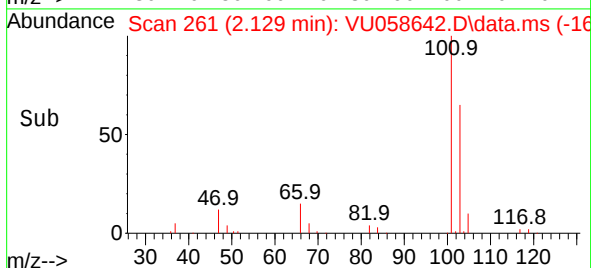
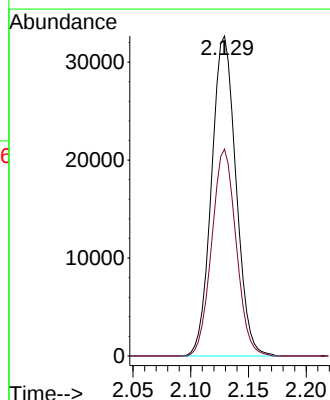
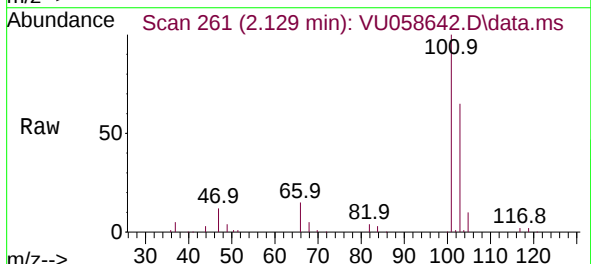
Instrument :
MSVOA_U
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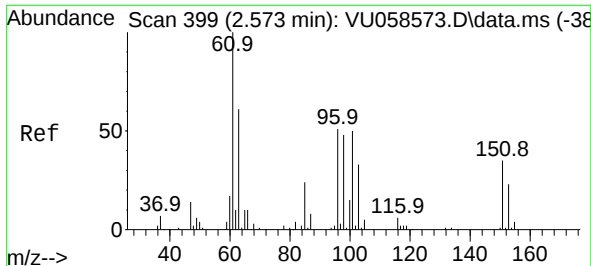
Tgt Ion: 64 Resp: 33391
Ion Ratio Lower Upper
64 100
66 31.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.600 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion: 101 Resp: 48121
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8

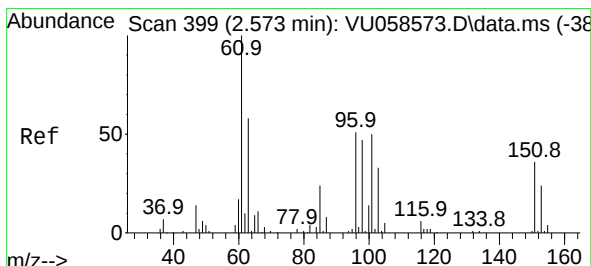
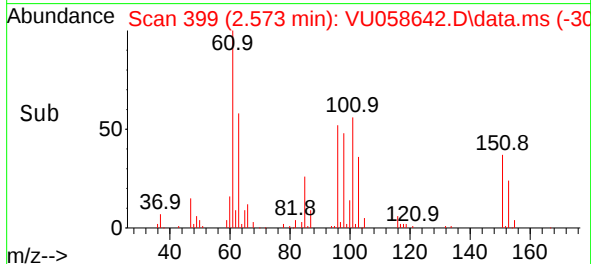
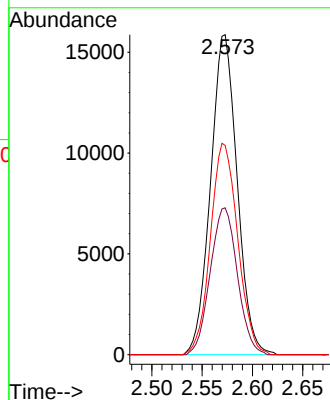
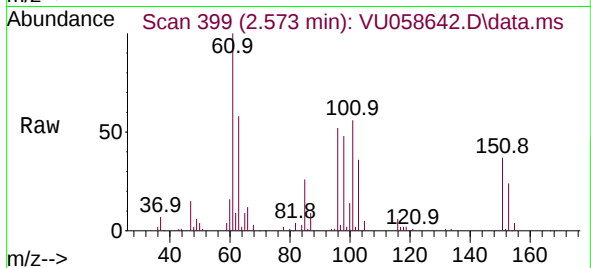




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.698 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

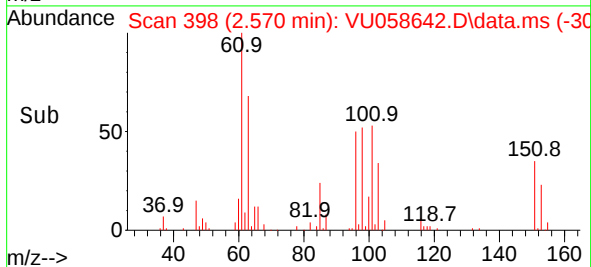
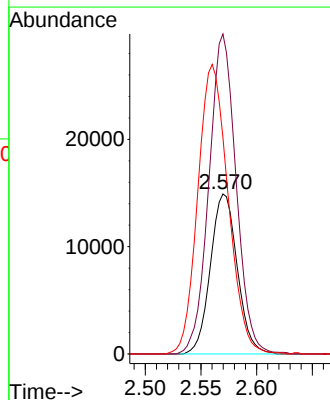
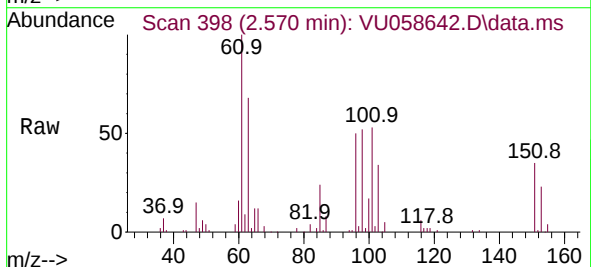
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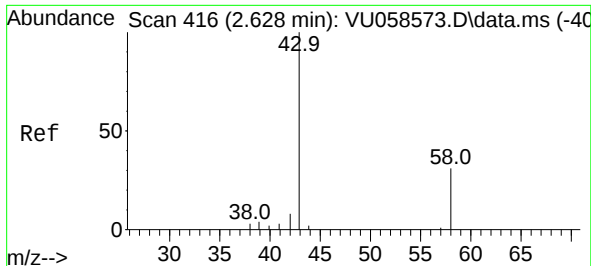
Tgt Ion:101 Resp: 29203
 Ion Ratio Lower Upper
 101 100
 85 46.9 36.8 55.2
 151 67.9 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.533 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

Tgt Ion: 96 Resp: 24980
 Ion Ratio Lower Upper
 96 100
 61 200.1 132.5 246.1
 63 135.4 87.7 162.9





#13

Acetone

Concen: 43.493 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.003 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

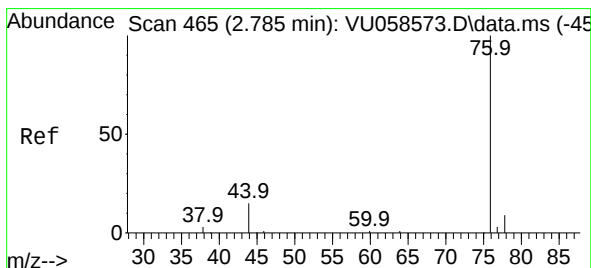
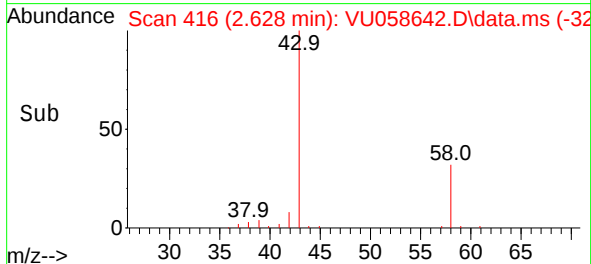
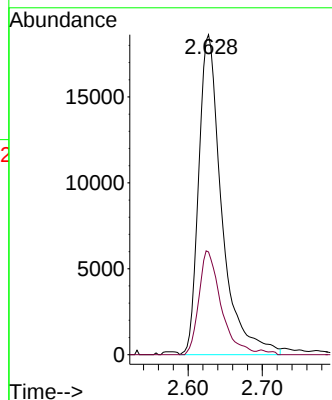
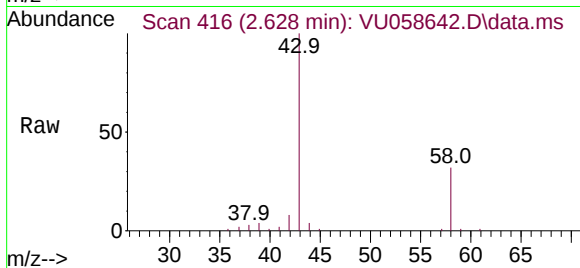
ClientSampleId :

Tgt Ion: 43 Resp: 40273

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.4



#14

Carbon disulfide

Concen: 4.160 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058642.D

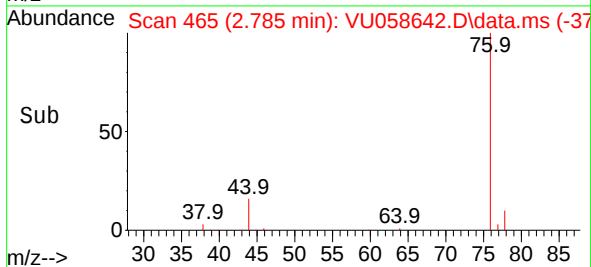
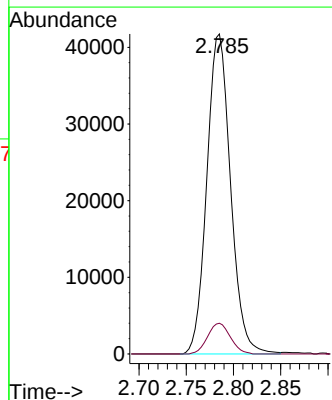
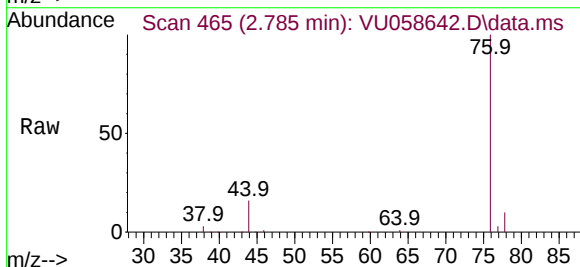
Acq: 12 Apr 2024 09:46

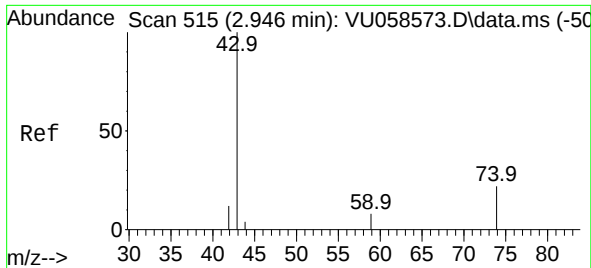
Tgt Ion: 76 Resp: 72816

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3





#15

Methyl Acetate

Concen: 4.740 ug/L

RT: 2.946 min Scan# 515

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

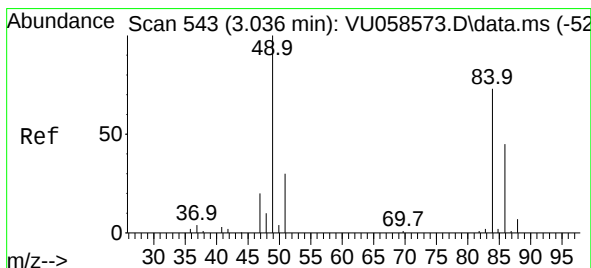
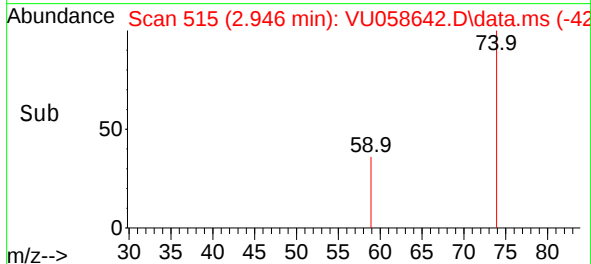
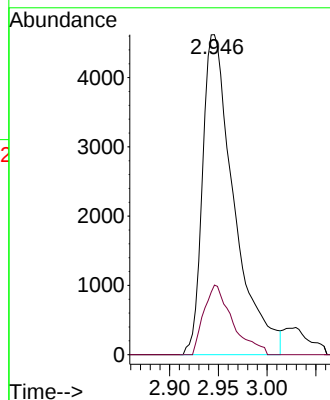
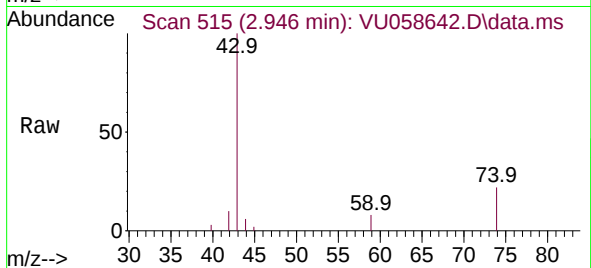
ClientSampleId :

Tgt Ion: 43 Resp: 10355

Ion Ratio Lower Upper

43 100

74 19.9 16.6 25.0



#16

Methylene chloride

Concen: 4.078 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

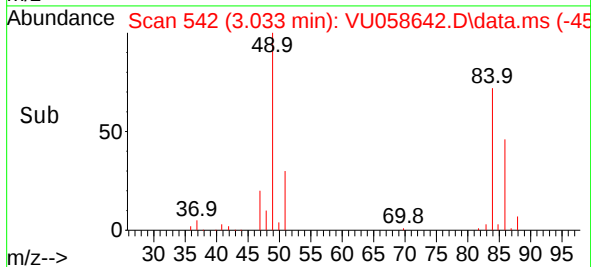
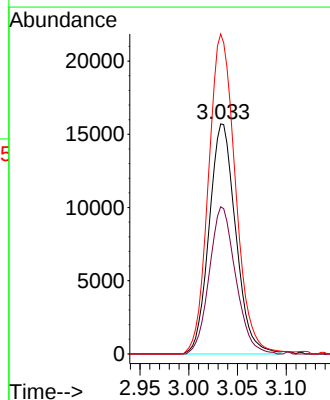
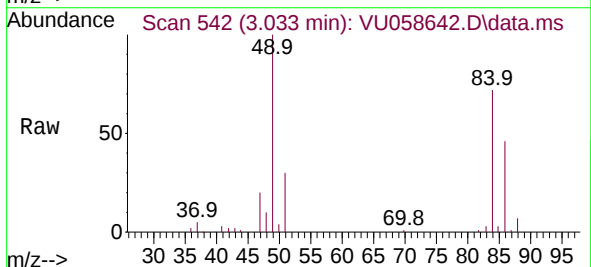
Tgt Ion: 84 Resp: 29824

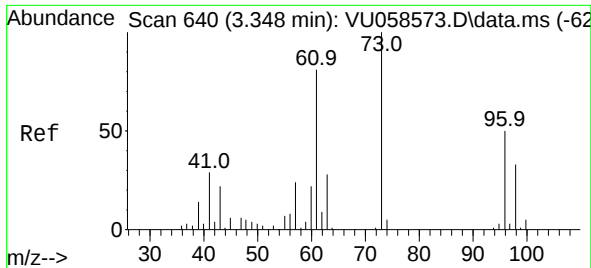
Ion Ratio Lower Upper

84 100

86 64.0 44.3 82.3

49 139.1 96.0 178.2

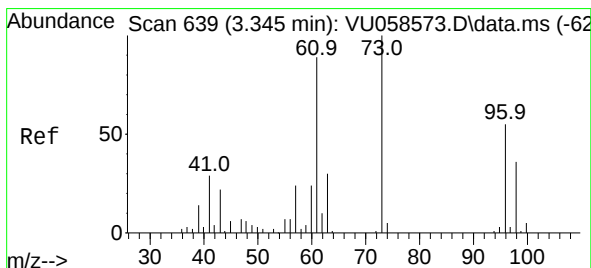
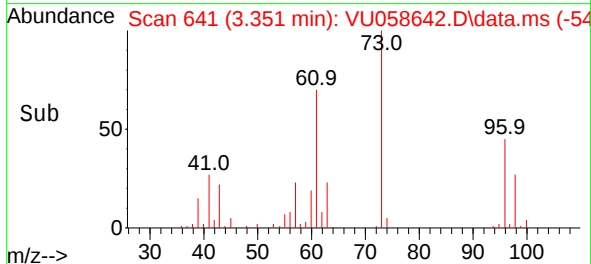
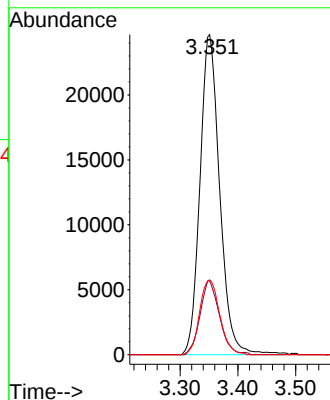
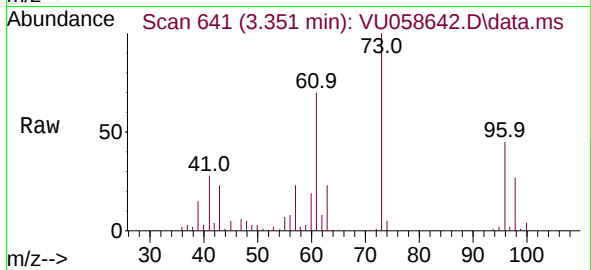




#17
Methyl tert-butyl Ether
Concen: 4.485 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

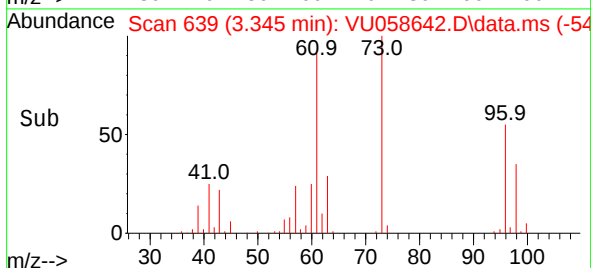
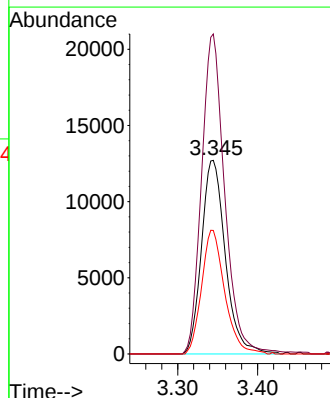
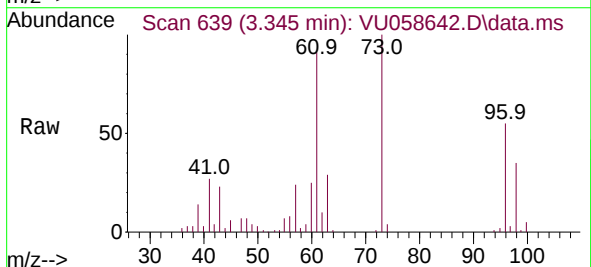
Instrument :
MSVOA_U
ClientSampleId :

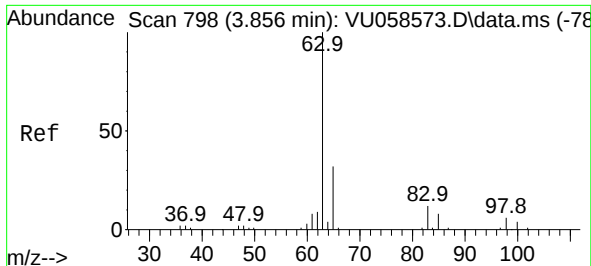
Tgt Ion: 73 Resp: 58385
Ion Ratio Lower Upper
73 100
43 22.5 17.4 26.2
57 23.8 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.580 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion: 96 Resp: 26450
Ion Ratio Lower Upper
96 100
61 165.3 107.6 199.8
98 63.8 45.1 83.7

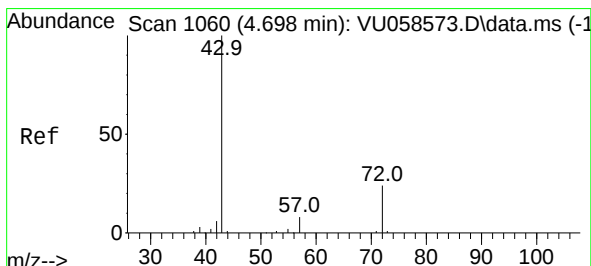
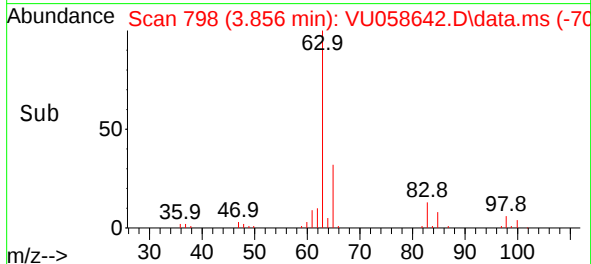
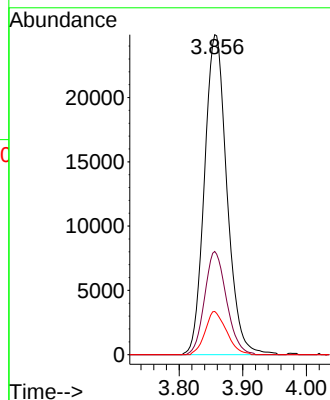
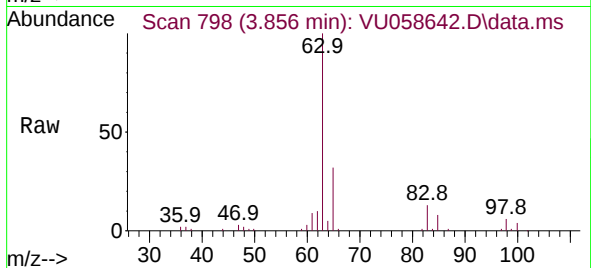




#19
1,1-Dichloroethane
Concen: 4.843 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

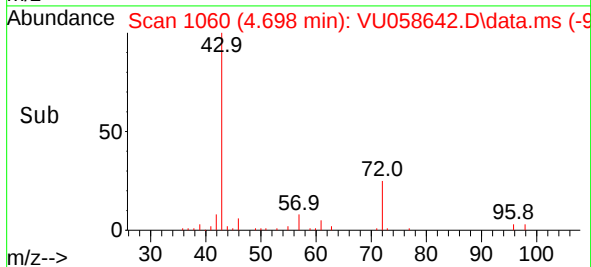
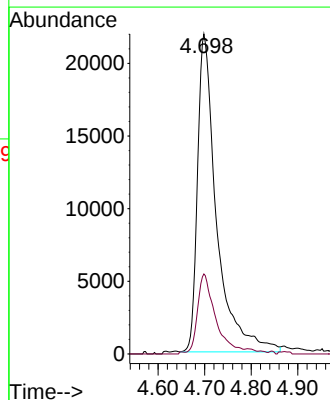
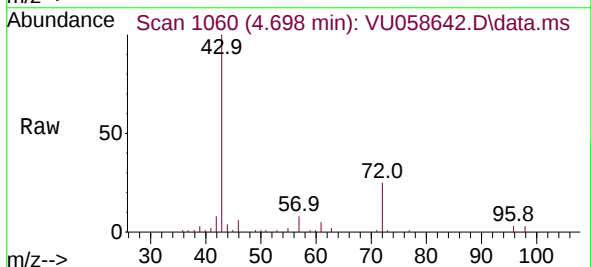
Instrument :
MSVOA_U
ClientSampleId :

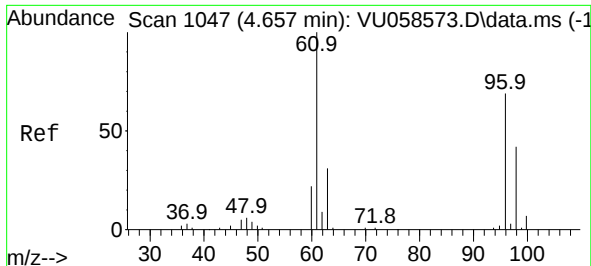
Tgt Ion: 63 Resp: 61047
Ion Ratio Lower Upper
63 100
65 32.3 22.9 42.5
83 13.5 9.6 17.8



#21
2-Butanone
Concen: 45.071 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.003 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

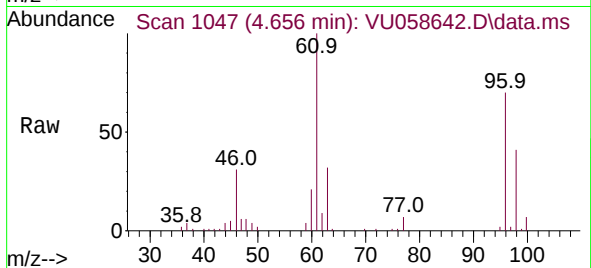
Tgt Ion: 43 Resp: 62379
Ion Ratio Lower Upper
43 100
72 22.2 11.7 35.0



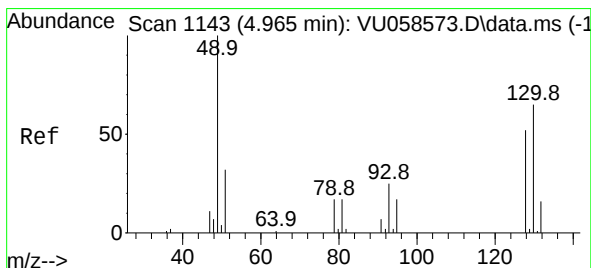
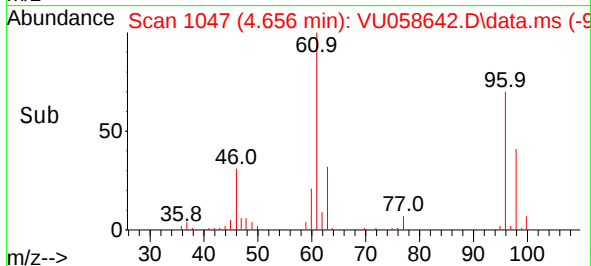
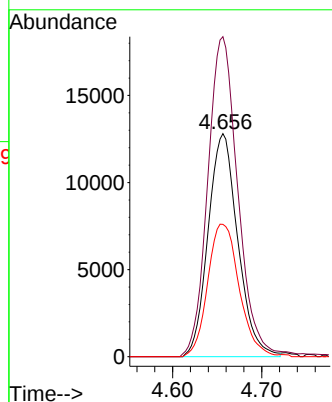


#22
 cis-1,2-Dichloroethene
 Concen: 4.575 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

Instrument :
 MSVOA_U
 ClientSampleId :

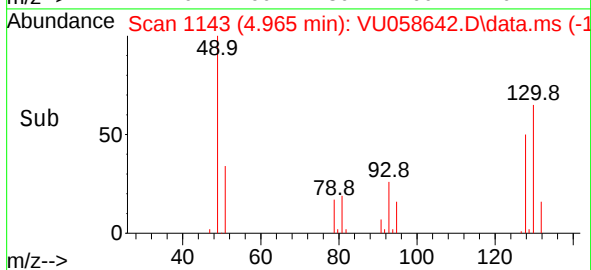
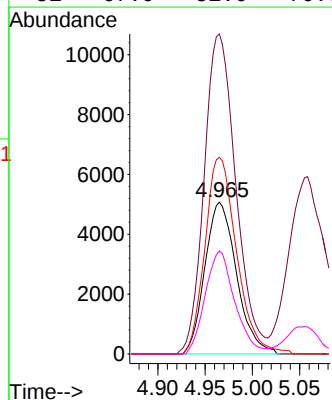
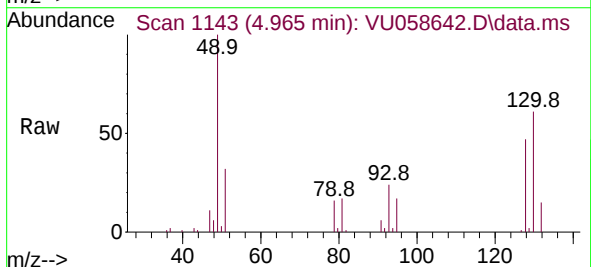


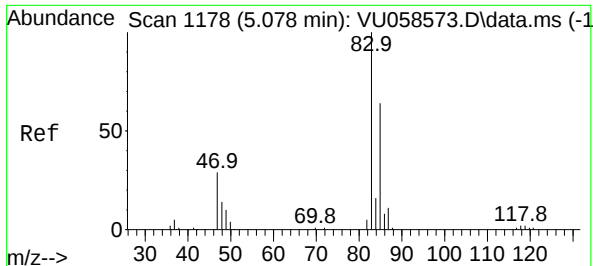
Tgt Ion:	96	Resp:	29671
Ion	Ratio	Lower	Upper
96	100		
61	143.5	98.1	182.3
98	59.3	43.6	81.0



#23
 Bromochloromethane
 Concen: 4.619 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

Tgt Ion:	128	Resp:	11803
Ion	Ratio	Lower	Upper
128	100		
49	210.7	134.4	249.6
130	129.5	90.0	167.2
51	67.9	51.0	76.6

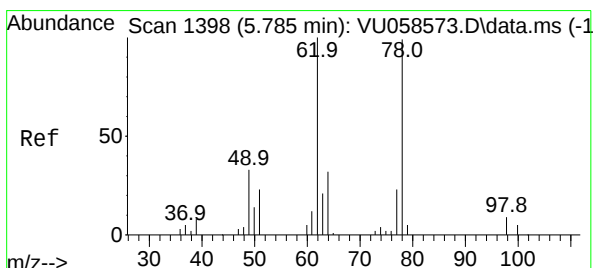
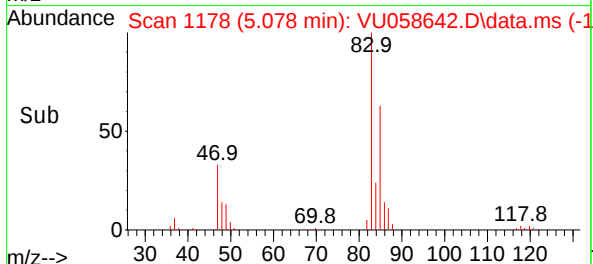
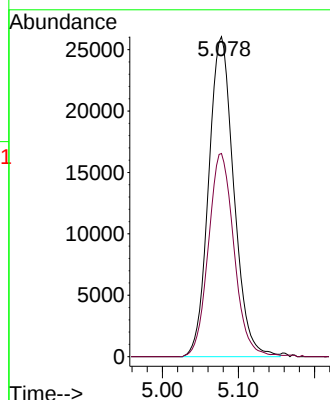
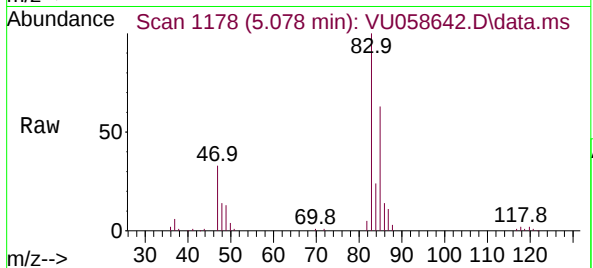




#25
Chloroform
Concen: 4.914 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

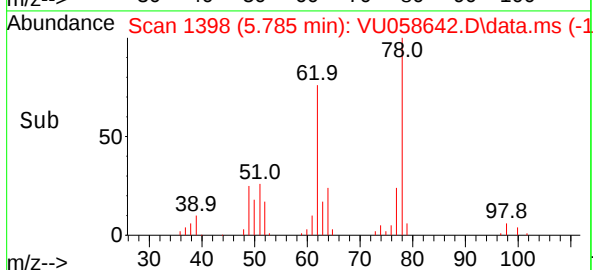
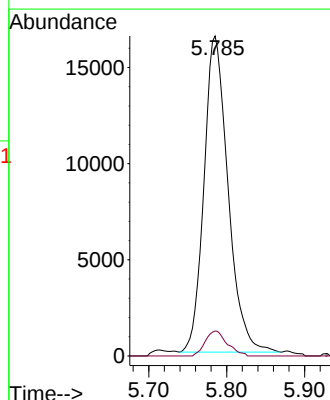
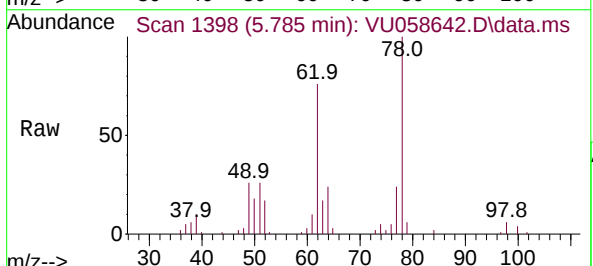
Instrument :
MSVOA_U
ClientSampleId :

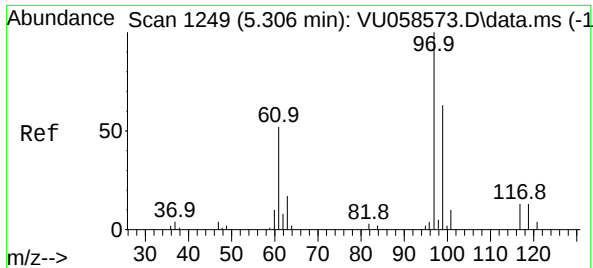
Tgt Ion: 83 Resp: 59956
Ion Ratio Lower Upper
83 100
85 63.5 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.757 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion: 62 Resp: 35343
Ion Ratio Lower Upper
62 100
98 7.8 7.0 10.4

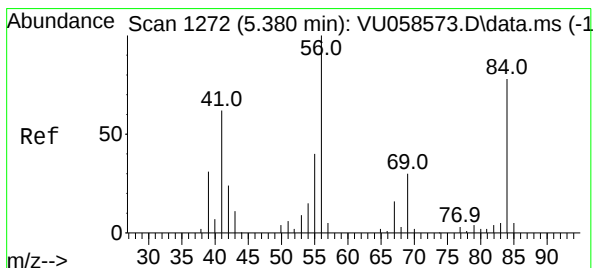
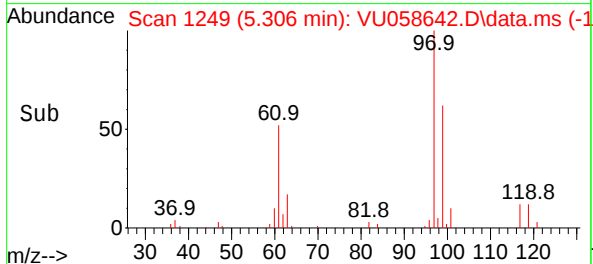
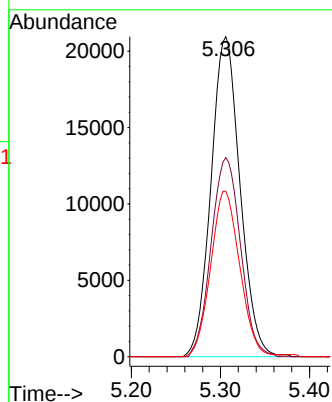
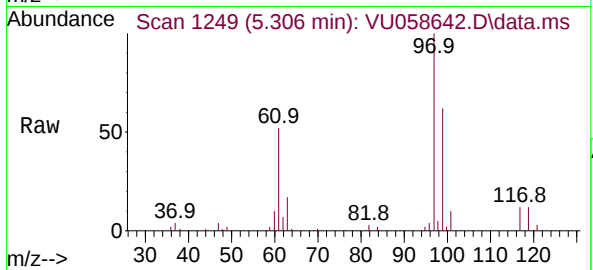




#29
1,1,1-Trichloroethane
Concen: 4.702 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

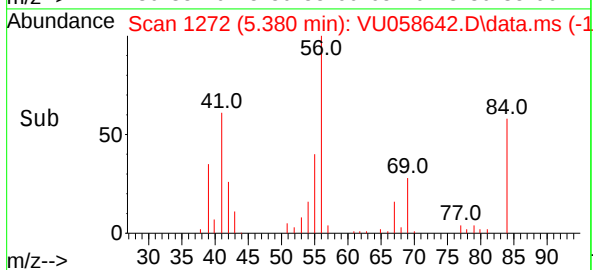
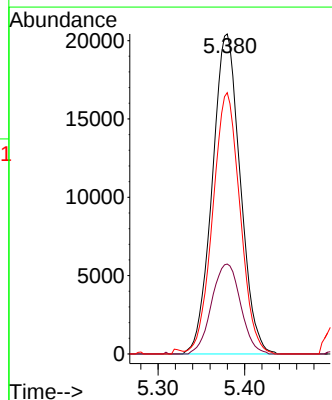
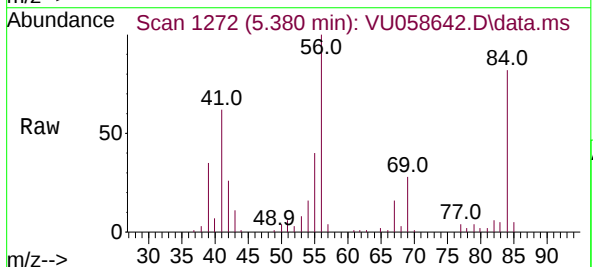
Instrument :
MSVOA_U
ClientSampleId :

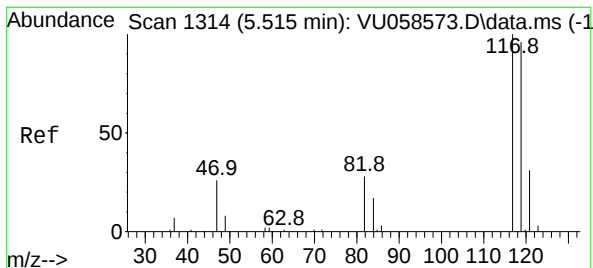
Tgt Ion:	97	Resp:	47412
Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.4	75.6
61	51.9	39.4	59.0



#30
Cyclohexane
Concen: 4.307 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion:	56	Resp:	45868
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.2	34.8
84	79.7	63.3	94.9





#31

Carbon tetrachloride

Concen: 4.693 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

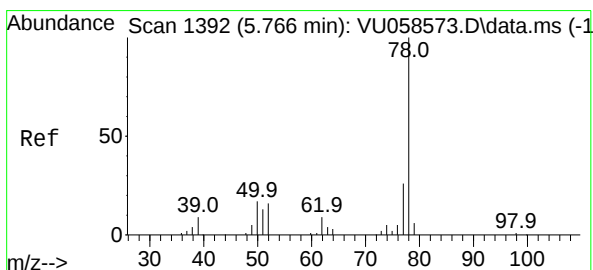
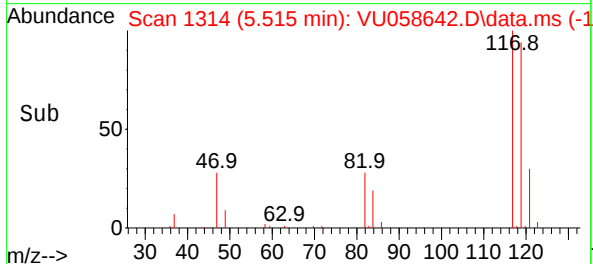
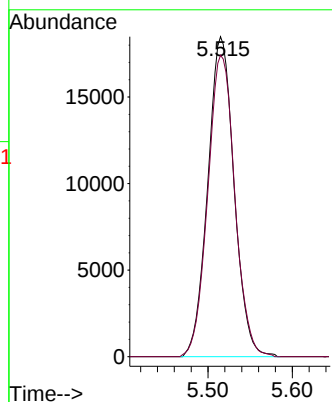
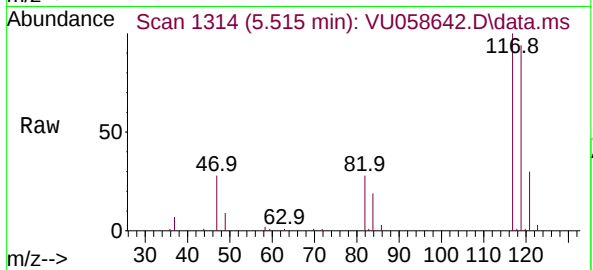
ClientSampleId :

Tgt Ion:117 Resp: 40077

Ion Ratio Lower Upper

117 100

119 96.8 76.7 115.1



#33

Benzene

Concen: 4.652 ug/L

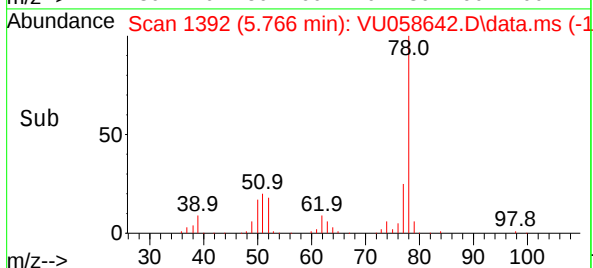
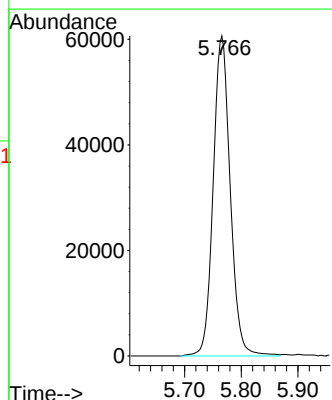
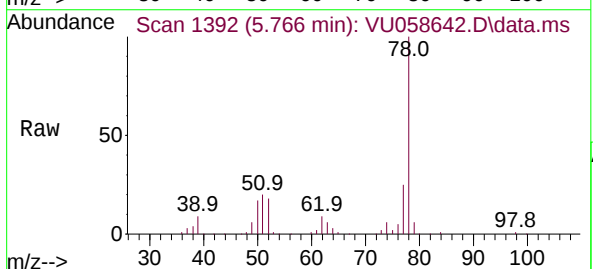
RT: 5.766 min Scan# 1392

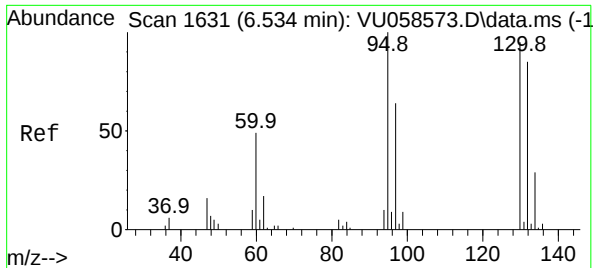
Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

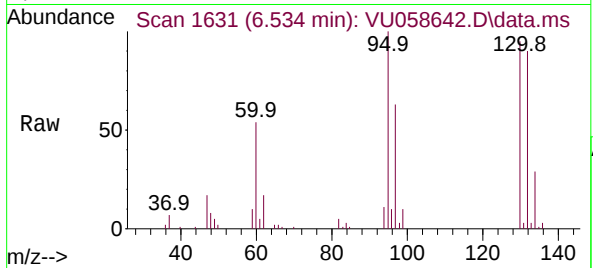
Tgt Ion: 78 Resp: 126821



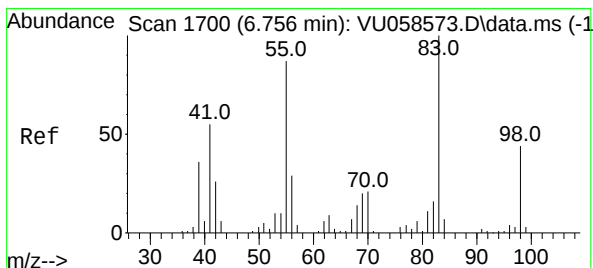
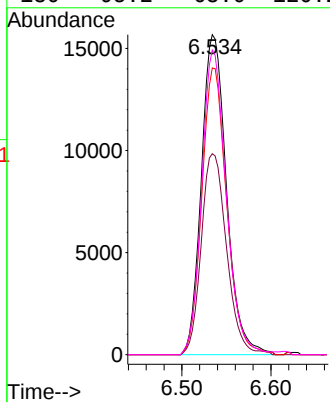
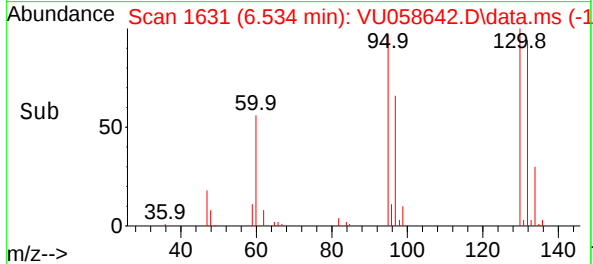


#34
Trichloroethene
Concen: 4.468 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

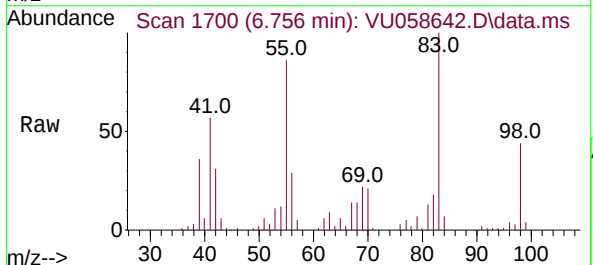
Instrument :
MSVOA_U
ClientSampleId :



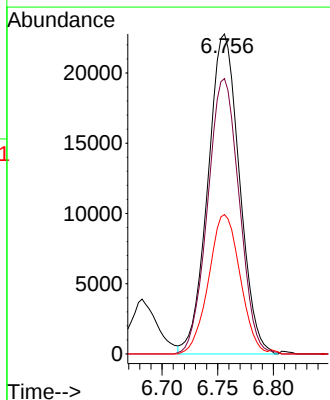
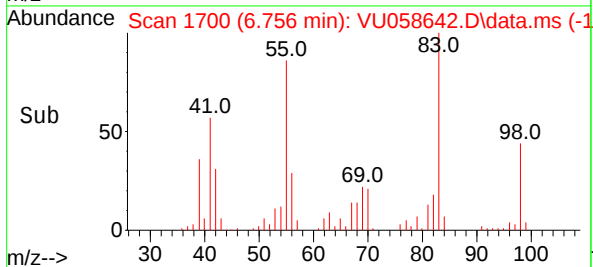
Tgt Ion: 95 Resp: 30705
Ion Ratio Lower Upper
95 100
97 62.8 45.6 84.6
132 89.6 64.8 120.3
130 95.2 68.0 126.2

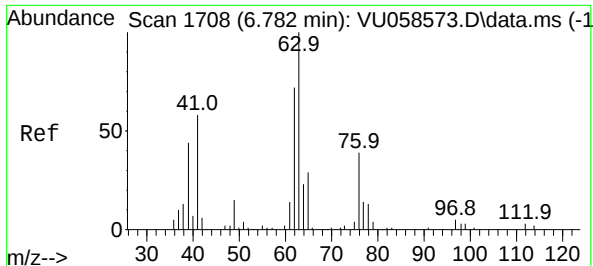


#35
Methylcyclohexane
Concen: 4.335 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46



Tgt Ion: 83 Resp: 44882
Ion Ratio Lower Upper
83 100
55 86.0 66.2 99.4
98 43.4 34.6 52.0

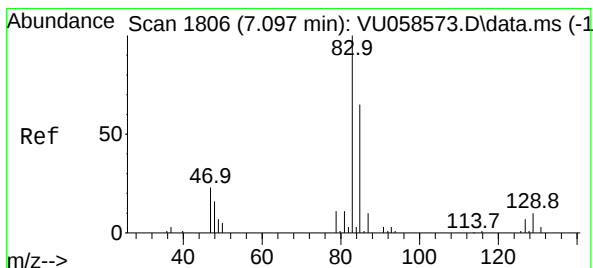
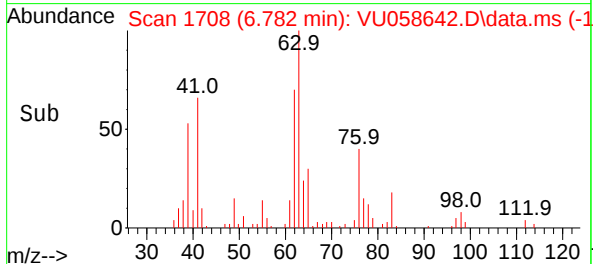
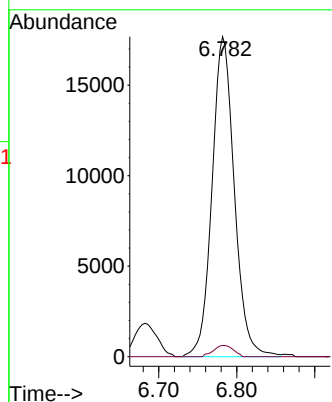
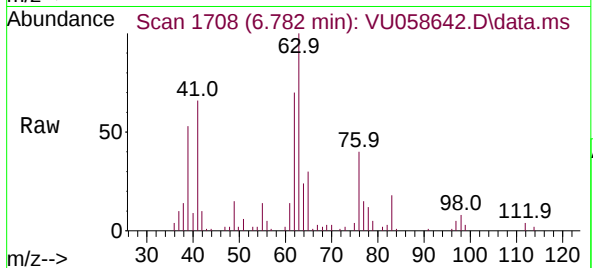




#37
1,2-Dichloropropane
Concen: 4.908 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

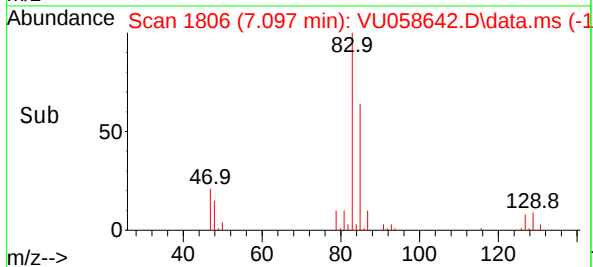
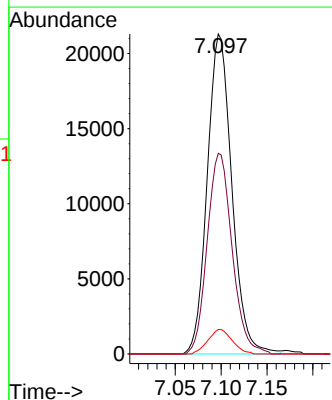
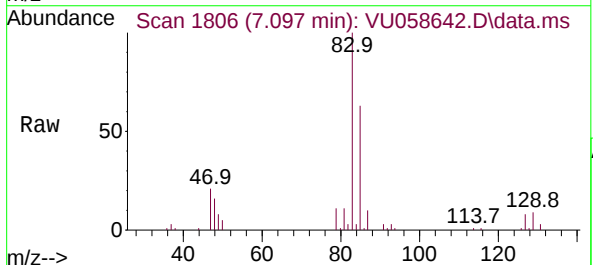
Instrument :
MSVOA_U
ClientSampleId :

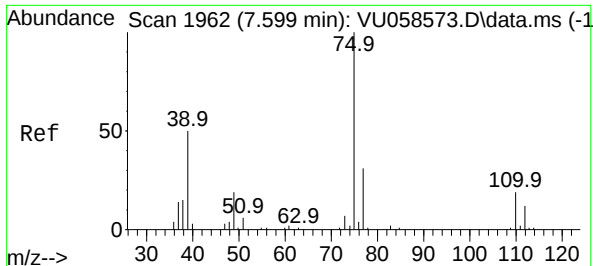
Tgt Ion: 63 Resp: 35205
Ion Ratio Lower Upper
63 100
112 3.1 2.6 4.0



#38
Bromodichloromethane
Concen: 4.850 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion: 83 Resp: 39704
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.2
127 7.7 6.5 9.7

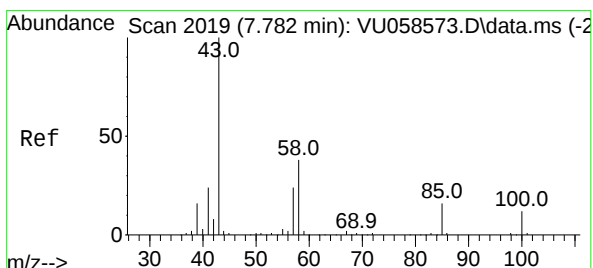
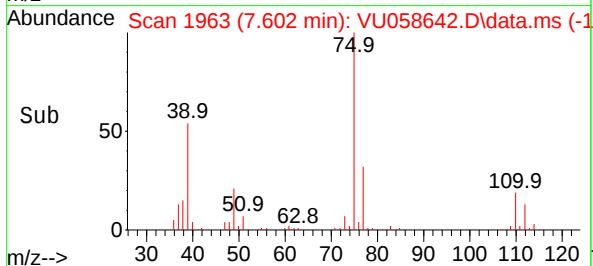
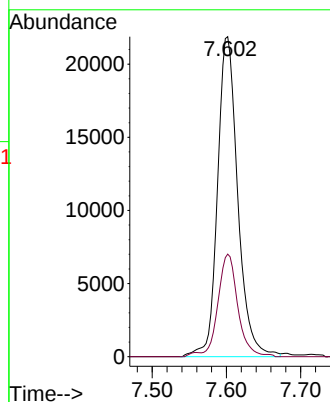
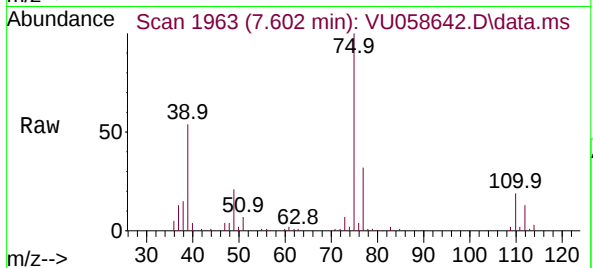




#39
 cis-1,3-Dichloropropene
 Concen: 4.552 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

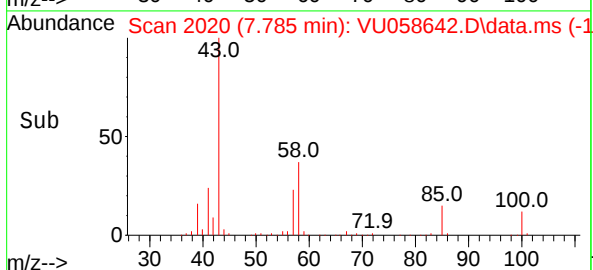
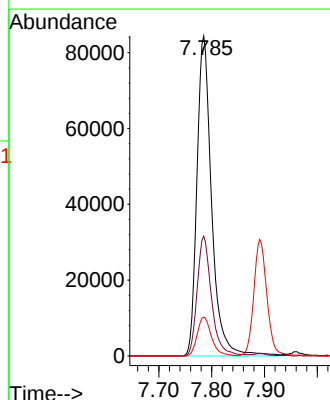
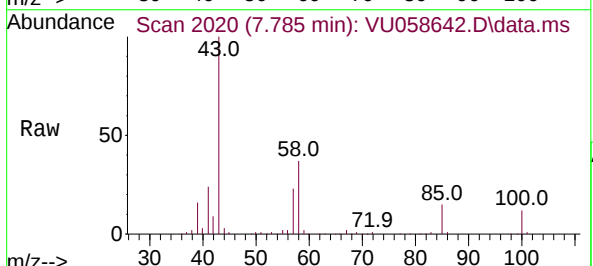
Instrument :
 MSVOA_U
 ClientSampleId :

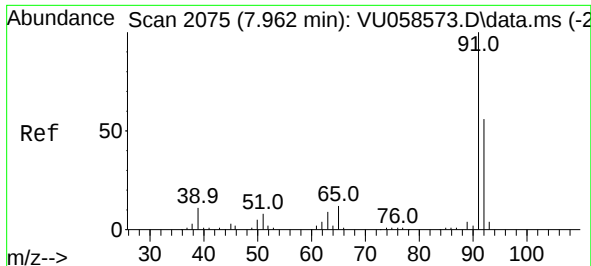
Tgt Ion: 75 Resp: 41516
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 48.289 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

Tgt Ion: 43 Resp: 163030
 Ion Ratio Lower Upper
 43 100
 58 36.4 30.4 45.6
 100 11.7 10.3 15.5





#42

Toluene

Concen: 4.608 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

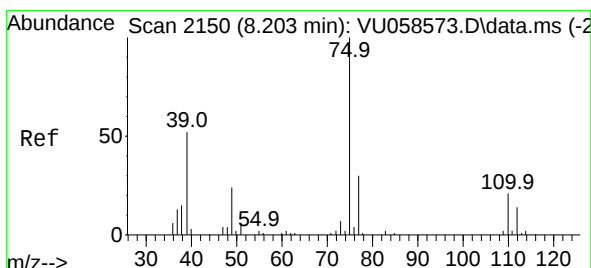
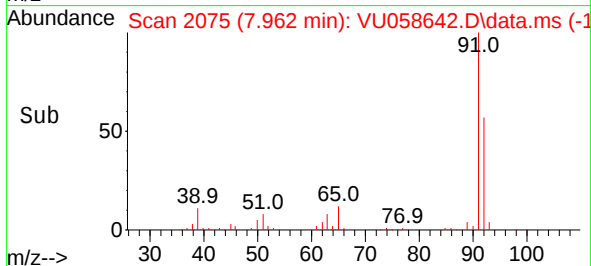
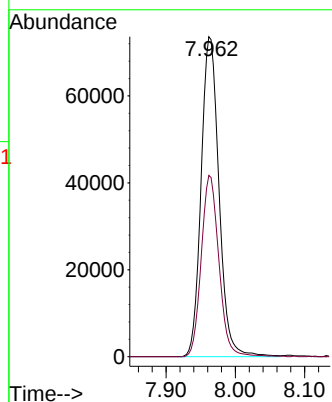
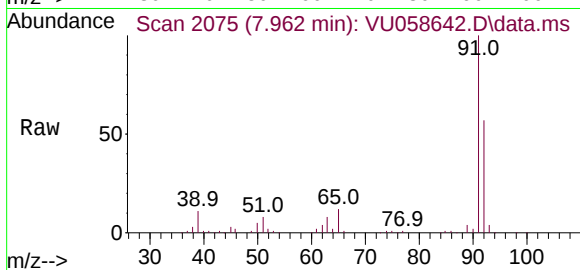
ClientSampleId :

Tgt Ion: 91 Resp: 131759

Ion Ratio Lower Upper

91 100

92 56.7 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.639 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058642.D

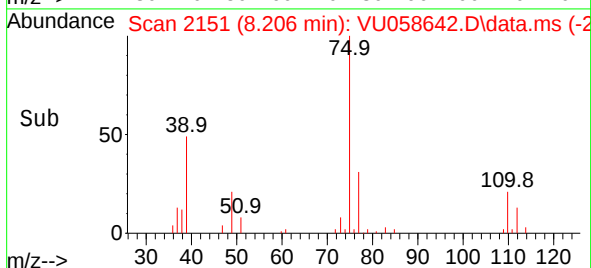
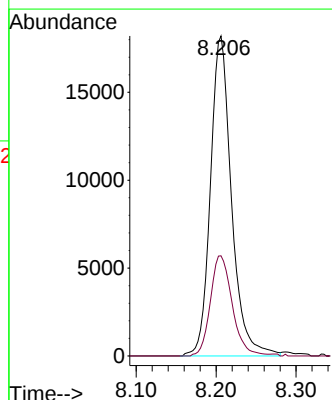
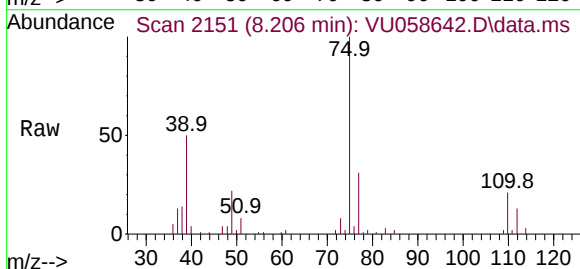
Acq: 12 Apr 2024 09:46

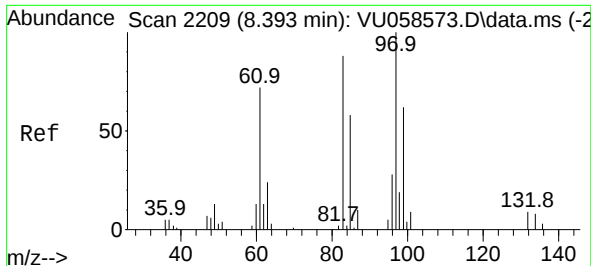
Tgt Ion: 75 Resp: 33370

Ion Ratio Lower Upper

75 100

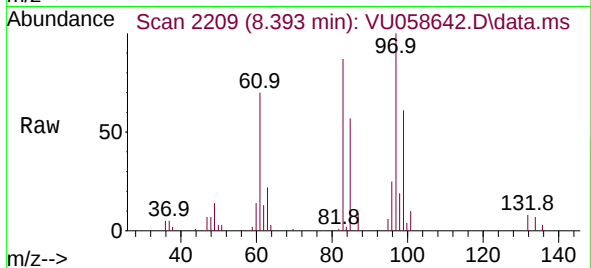
77 31.3 22.2 41.2



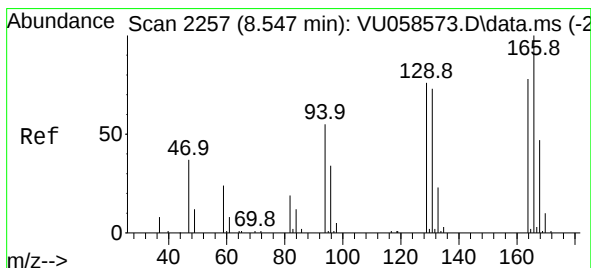
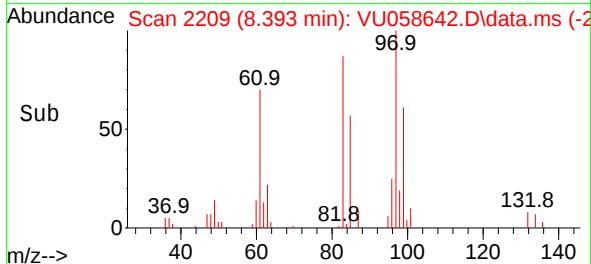
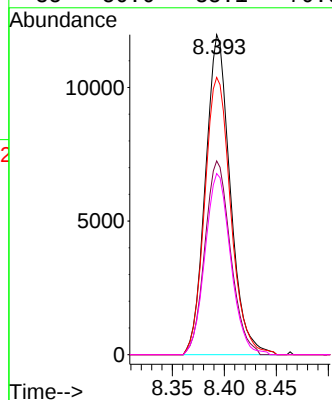


#45
1,1,2-Trichloroethane
Concen: 4.746 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Instrument :
MSVOA_U
ClientSampleId :

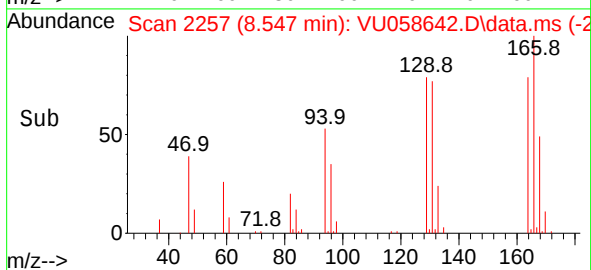
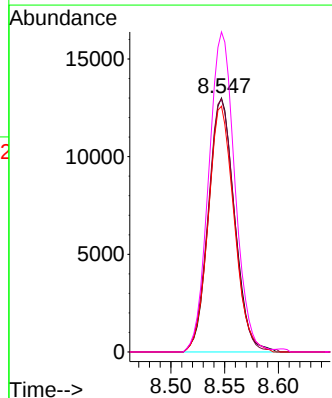
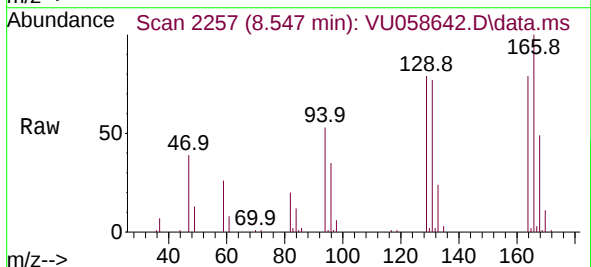


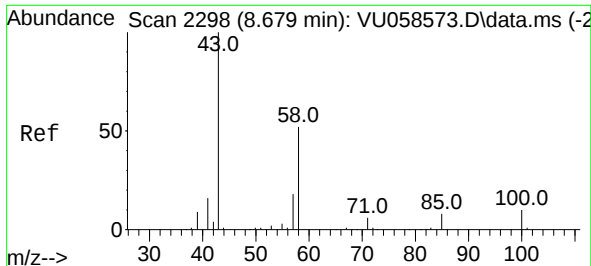
Tgt Ion:	97	Resp:	19880
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.7	81.1
83	86.7	64.5	119.7
85	56.6	38.1	70.9



#47
Tetrachloroethene
Concen: 4.332 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion:	164	Resp:	21822
Ion	Ratio	Lower	Upper
164	100		
129	99.6	67.3	125.1
131	96.8	65.5	121.6
166	126.0	89.5	166.1

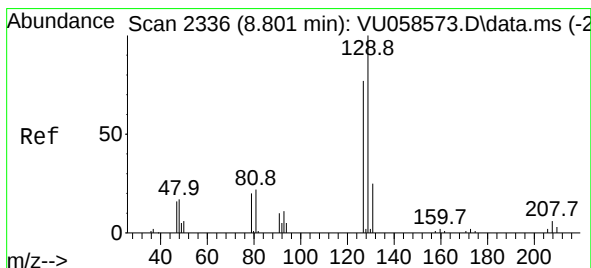
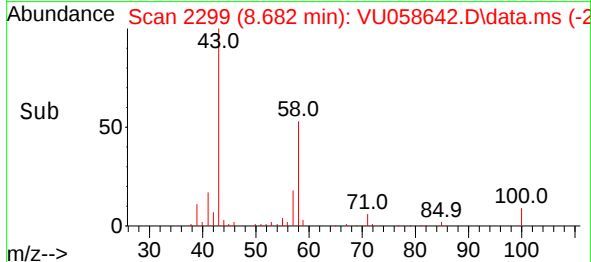
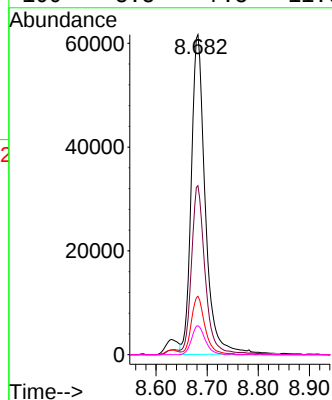
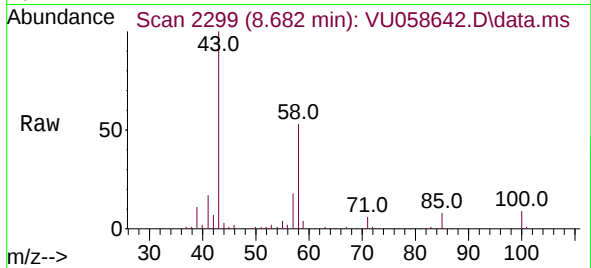




#48
2-Hexanone
Concen: 48.841 ug/L
RT: 8.682 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

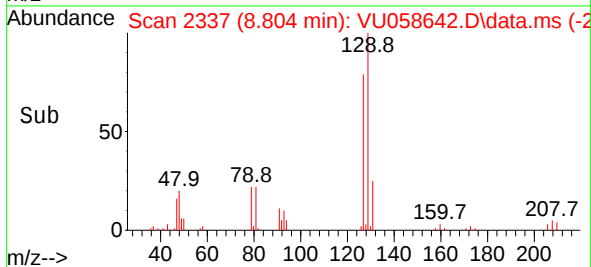
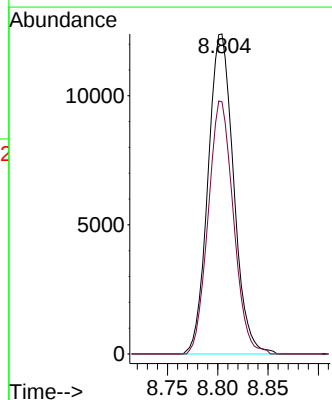
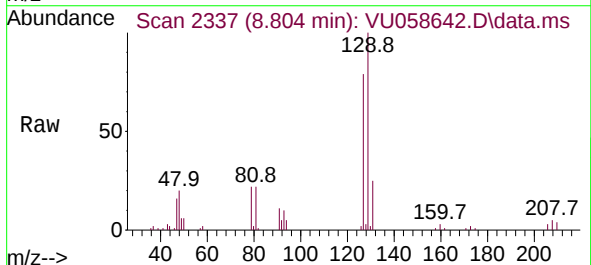
Instrument :
MSVOA_U
ClientSampleId :

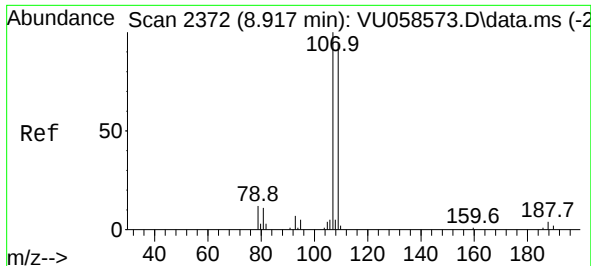
Tgt Ion: 43 Resp: 117061
Ion Ratio Lower Upper
43 100
58 50.6 43.2 64.8
57 17.0 15.4 23.0
100 8.8 7.8 11.6



#49
Dibromochloromethane
Concen: 4.530 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion: 129 Resp: 21938
Ion Ratio Lower Upper
129 100
127 78.8 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.414 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min MSVOA_U

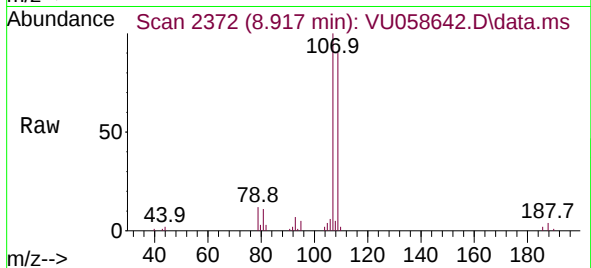
Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :



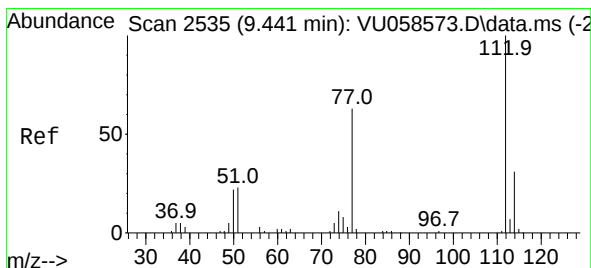
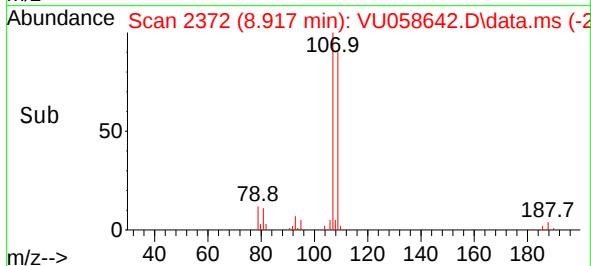
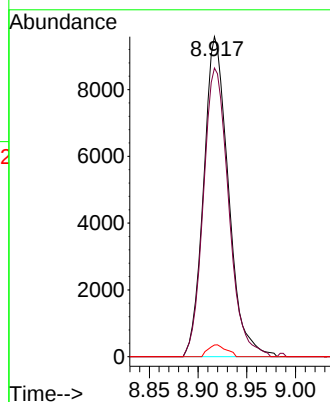
Tgt Ion:107 Resp: 16912

Ion Ratio Lower Upper

107 100

109 90.2 67.3 124.9

188 3.7 2.5 3.7



#51

Chlorobenzene

Concen: 4.492 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

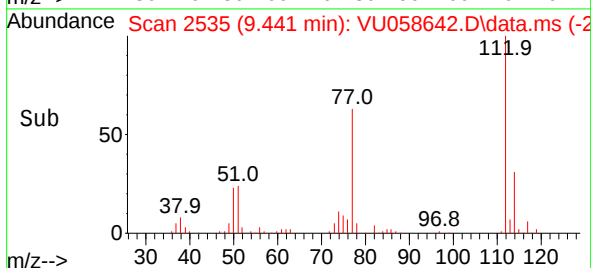
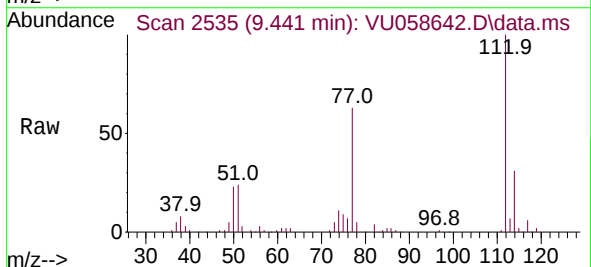
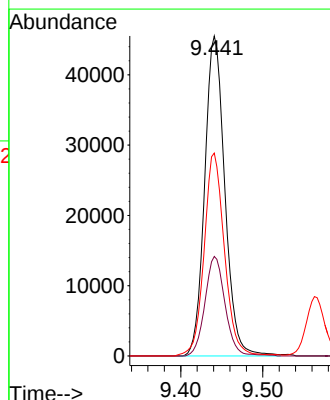
Tgt Ion:112 Resp: 77725

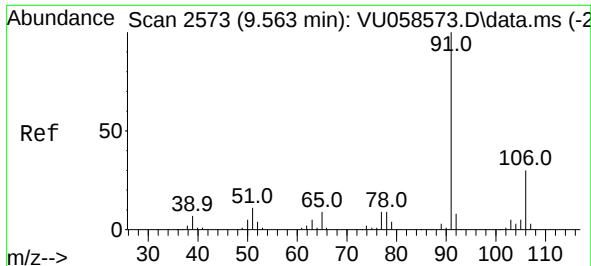
Ion Ratio Lower Upper

112 100

114 31.1 22.4 41.6

77 63.4 50.1 75.1

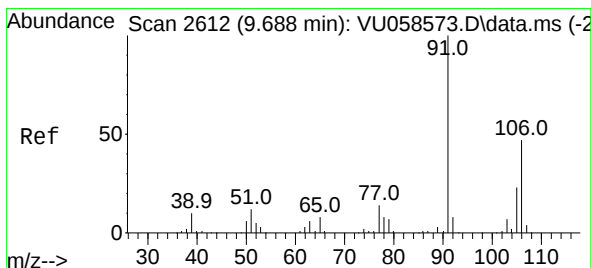
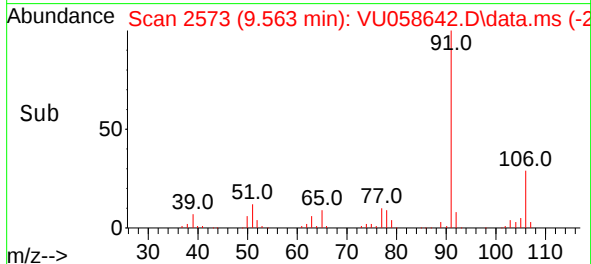
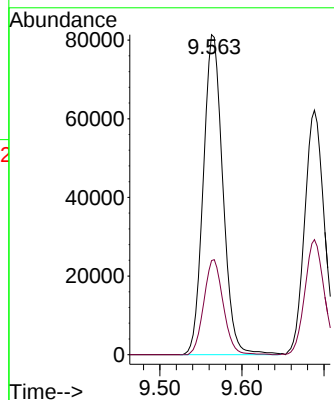
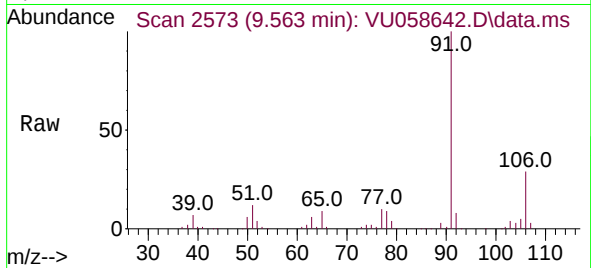




#52
Ethylbenzene
Concen: 4.444 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

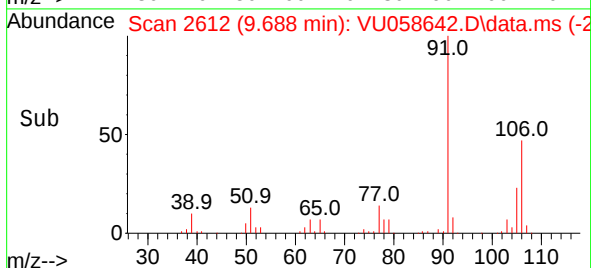
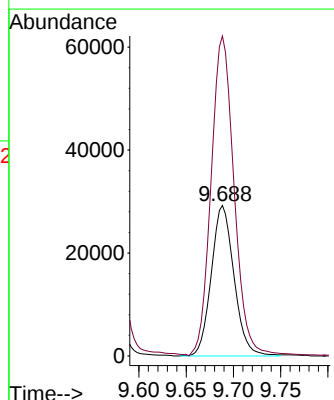
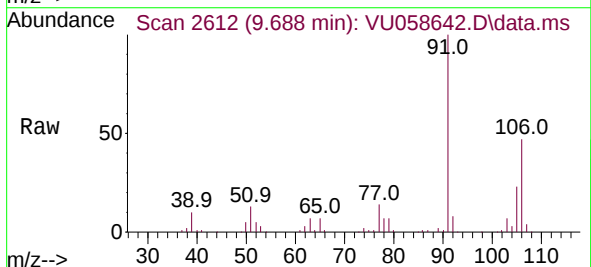
Instrument :
MSVOA_U
ClientSampleId :

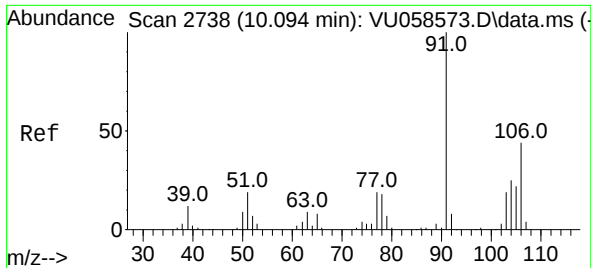
Tgt Ion: 91 Resp: 134642
Ion Ratio Lower Upper
91 100
106 29.4 20.6 38.4



#53
m,p-Xylene
Concen: 4.509 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion:106 Resp: 48912
Ion Ratio Lower Upper
106 100
91 212.6 147.8 274.4

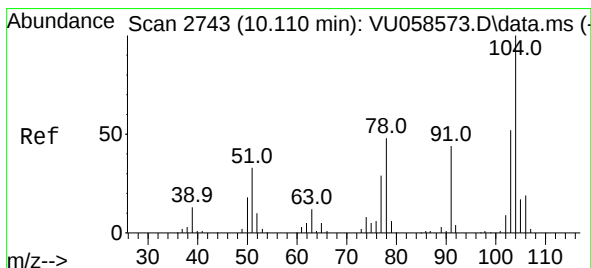
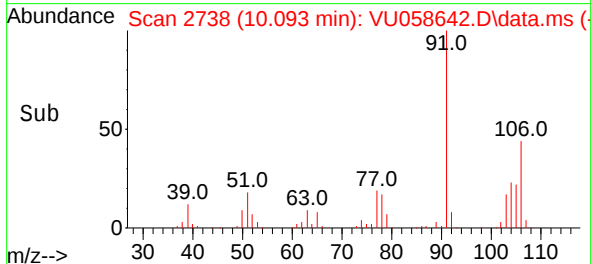
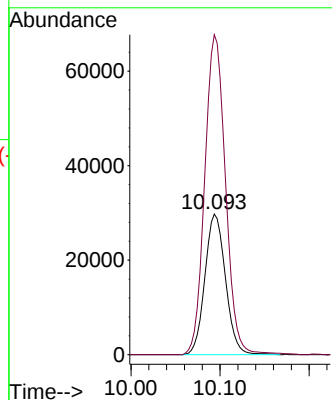
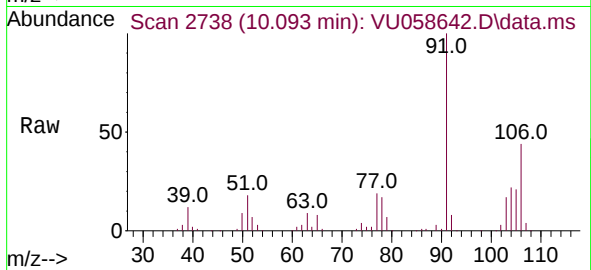




#54
o-Xylene
Concen: 4.495 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

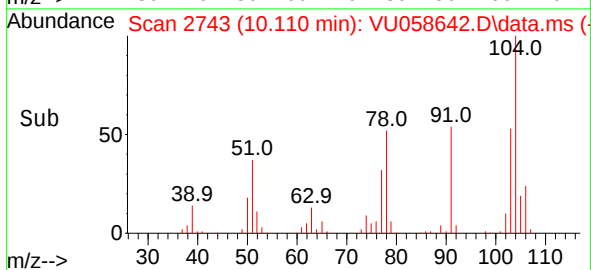
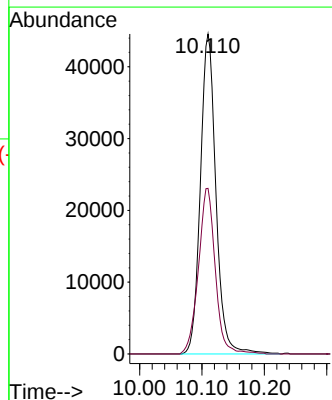
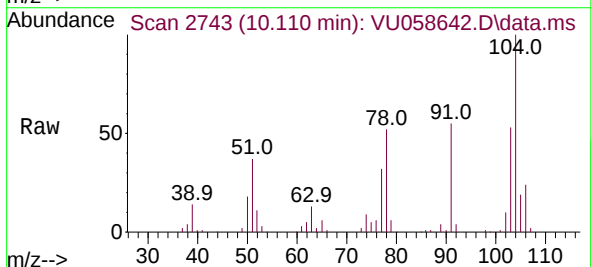
Instrument :
MSVOA_U
ClientSampleId :

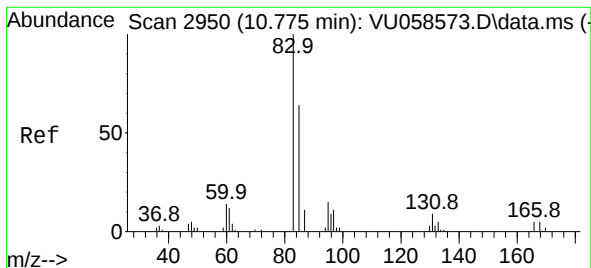
Tgt Ion:106 Resp: 47805
Ion Ratio Lower Upper
106 100
91 227.6 156.9 291.5



#55
Styrene
Concen: 4.523 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU058642.D
Acq: 12 Apr 2024 09:46

Tgt Ion:104 Resp: 77389
Ion Ratio Lower Upper
104 100
78 51.8 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.640 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

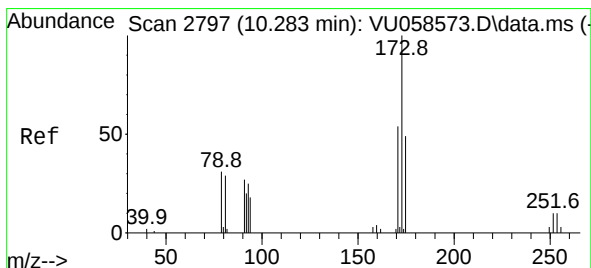
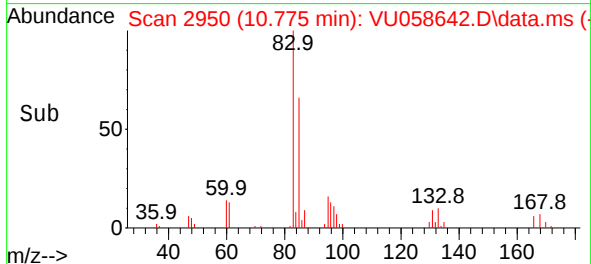
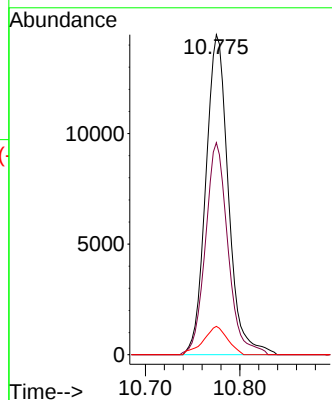
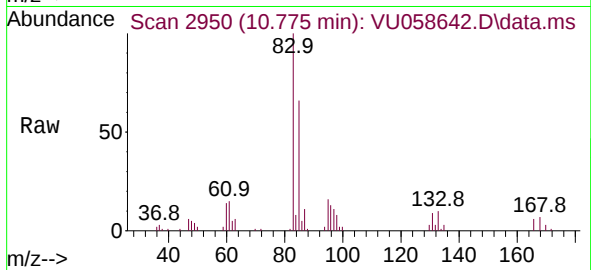
Tgt Ion: 83 Resp: 23975

Ion Ratio Lower Upper

83 100

85 66.2 45.1 83.7

131 8.8 6.9 10.3



#59

Bromoform

Concen: 4.687 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

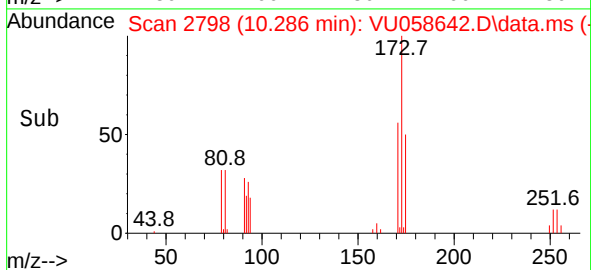
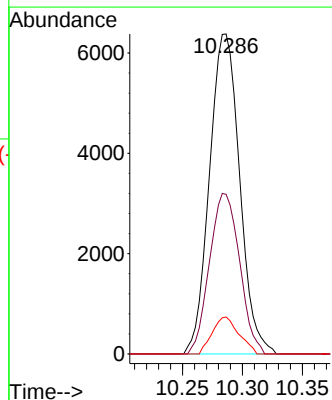
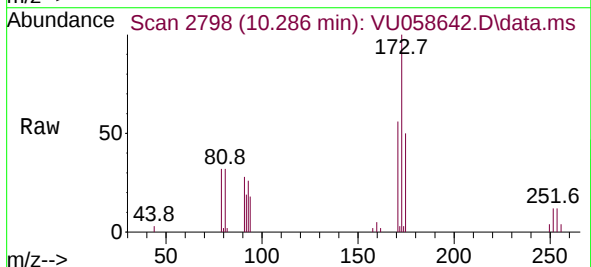
Tgt Ion:173 Resp: 11160

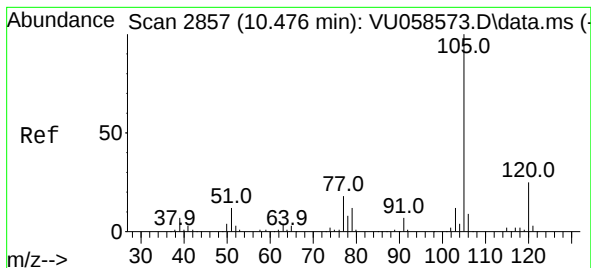
Ion Ratio Lower Upper

173 100

175 50.0 38.0 57.0

254 10.2 7.5 11.3





#60

Isopropylbenzene

Concen: 4.735 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058642.D

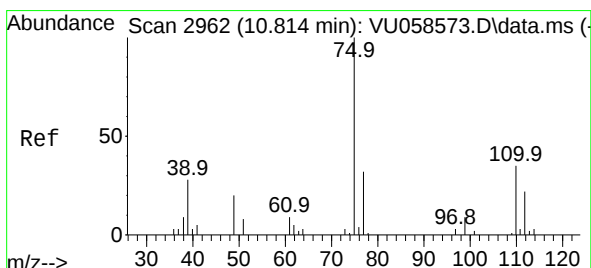
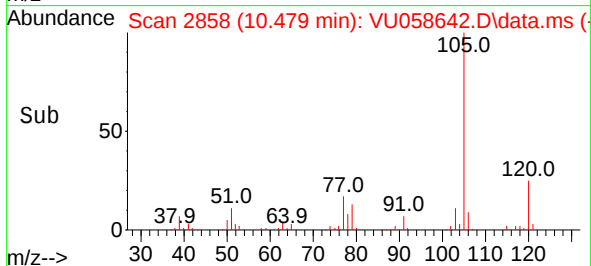
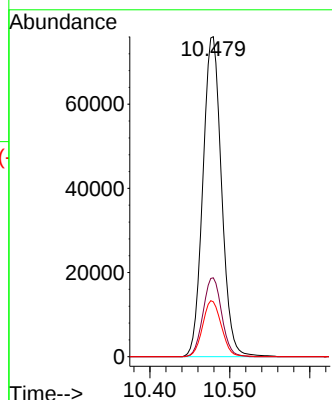
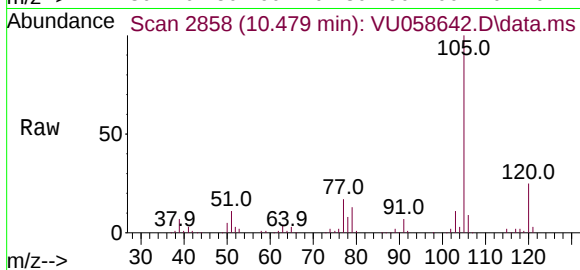
Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	123522
Ion Ratio	Lower	Upper	
105	100		
120	24.7	20.2	30.4
77	17.6	13.5	20.3



#61

1,2,3-Trichloropropane

Concen: 4.782 ug/L

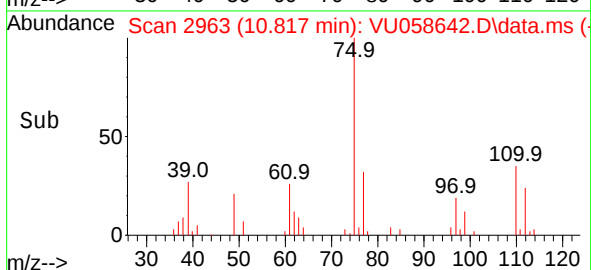
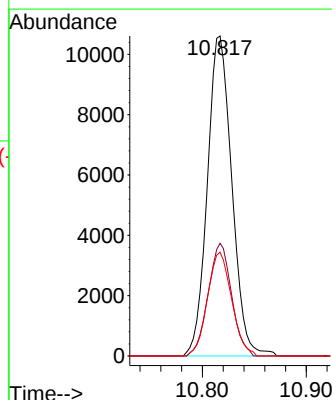
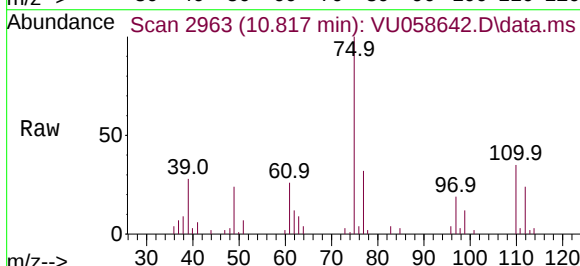
RT: 10.817 min Scan# 2963

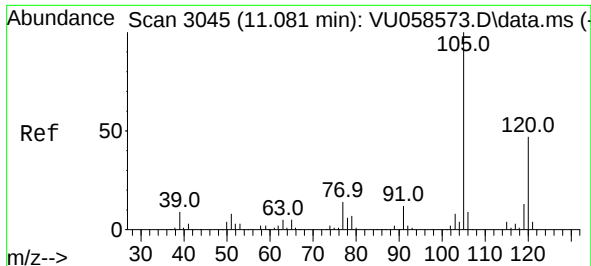
Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Tgt Ion:	75	Resp:	17386
Ion Ratio	Lower	Upper	
75	100		
110	33.6	25.8	38.6
77	31.9	25.1	37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.615 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

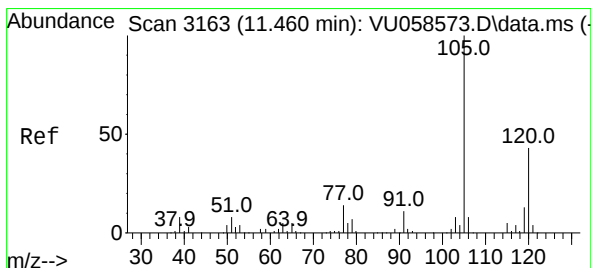
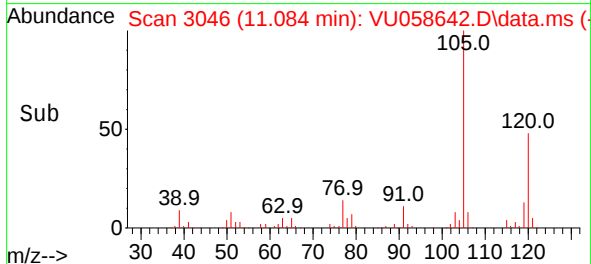
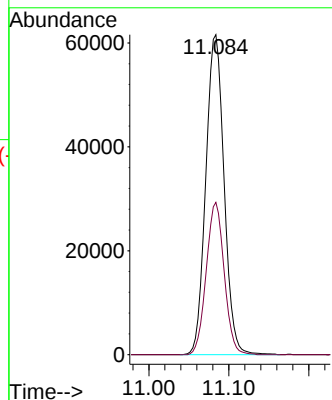
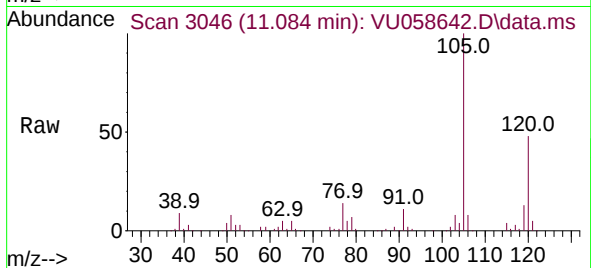
ClientSampleId :

Tgt Ion:105 Resp: 98175

Ion Ratio Lower Upper

105 100

120 46.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.593 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058642.D

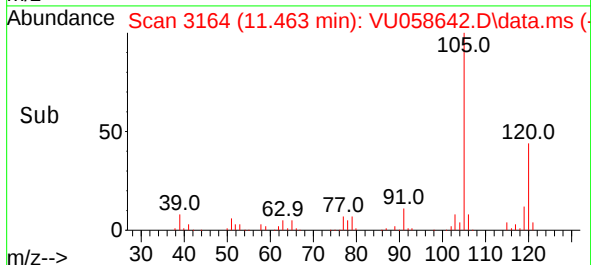
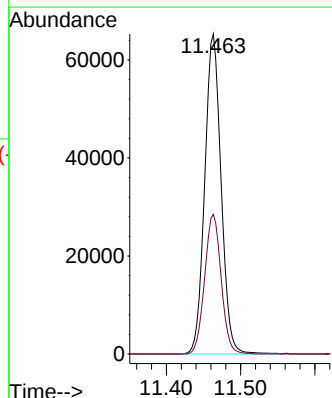
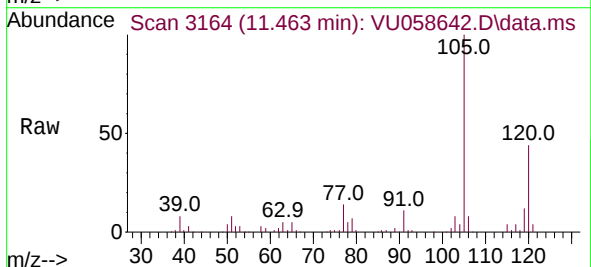
Acq: 12 Apr 2024 09:46

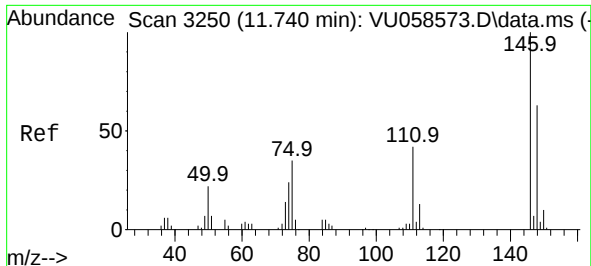
Tgt Ion:105 Resp: 99780

Ion Ratio Lower Upper

105 100

120 43.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.577 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

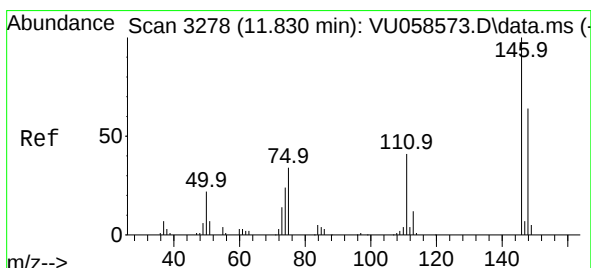
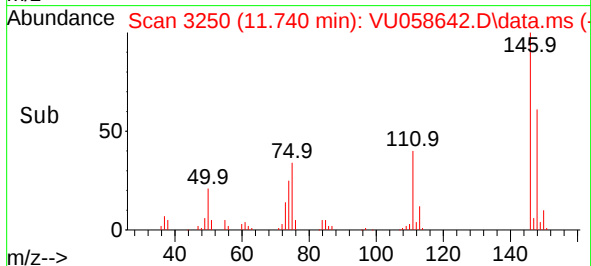
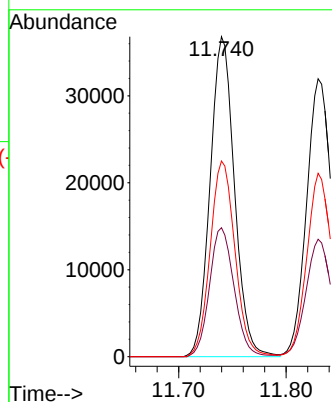
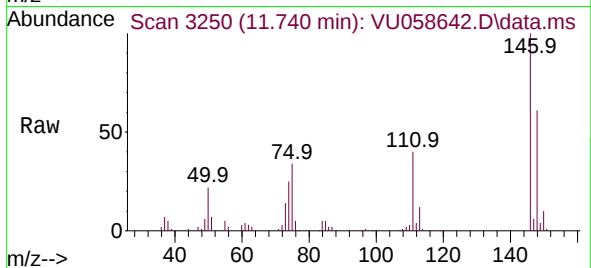
Tgt Ion:146 Resp: 57999

Ion Ratio Lower Upper

146 100

111 40.3 28.8 53.4

148 61.2 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.384 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

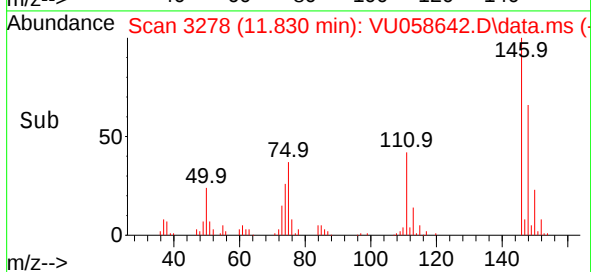
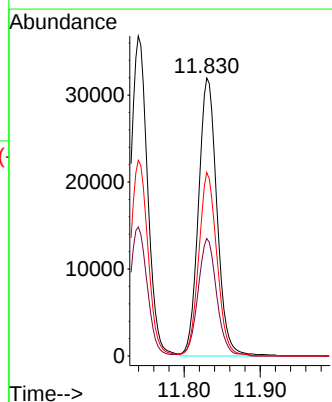
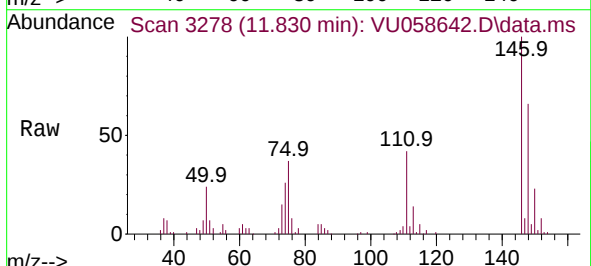
Tgt Ion:146 Resp: 54122

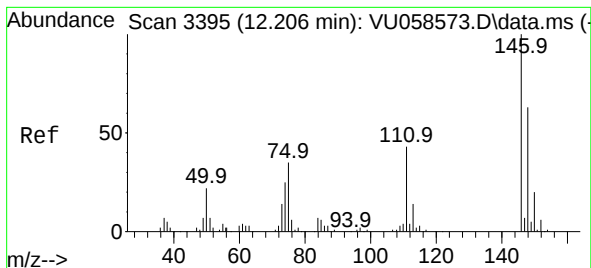
Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.6

148 66.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.458 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

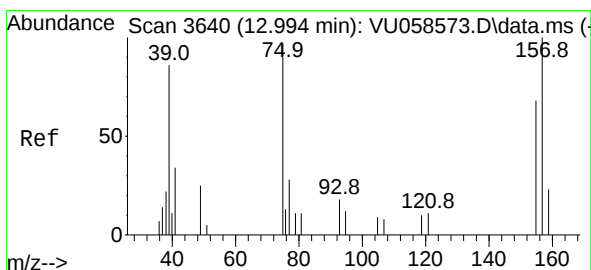
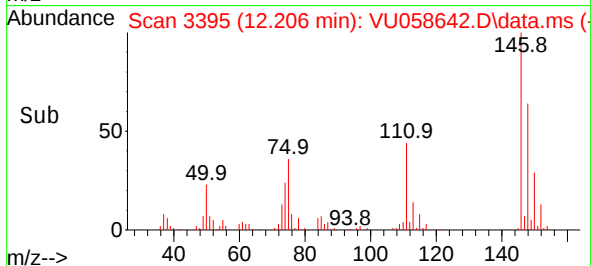
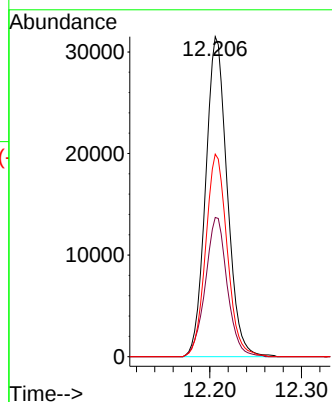
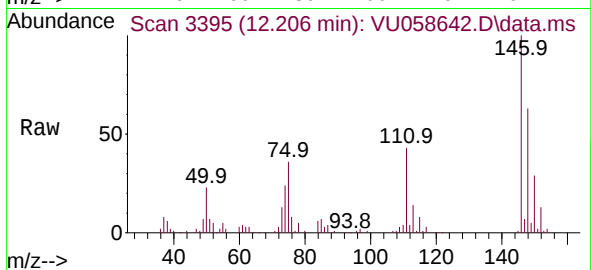
Tgt Ion:146 Resp: 51393

Ion Ratio Lower Upper

146 100

111 43.5 35.0 52.4

148 63.3 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.195 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

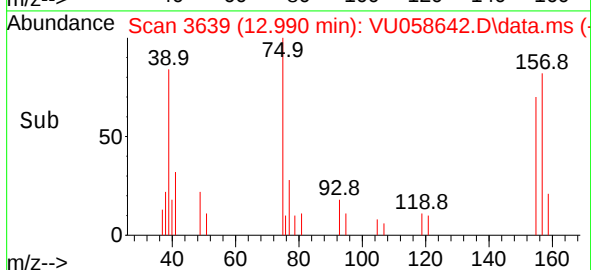
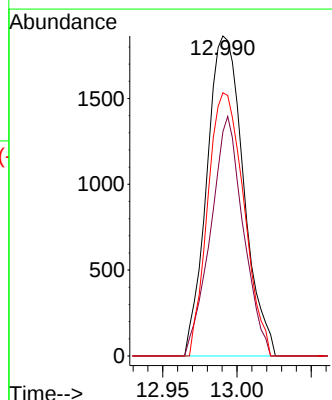
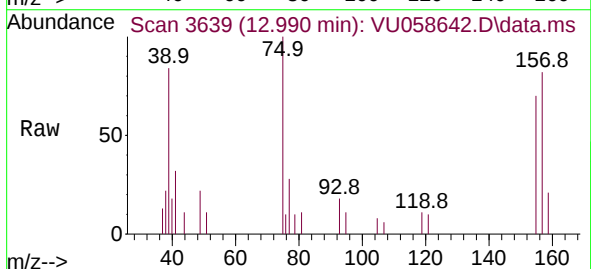
Tgt Ion: 75 Resp: 3203

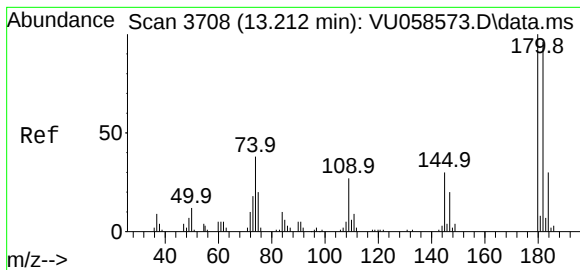
Ion Ratio Lower Upper

75 100

155 70.1 61.4 92.0

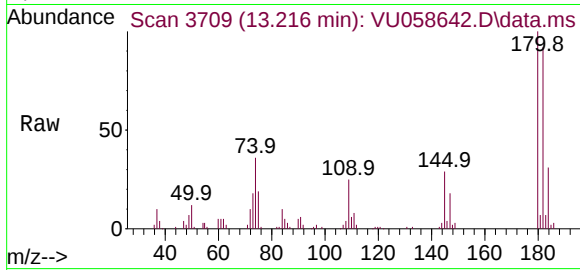
157 82.2 81.7 122.5



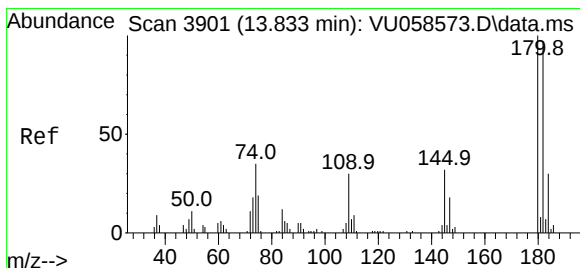
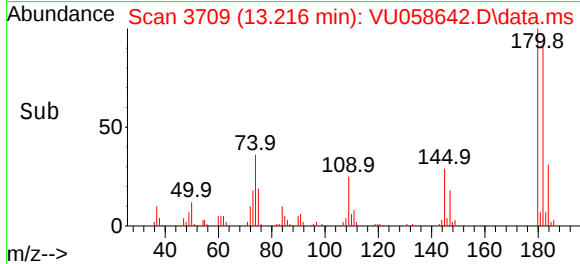
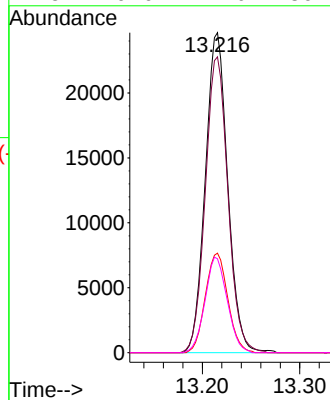


#69
 1,3,5-Trichlorobenzene
 Concen: 4.203 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

Instrument :
 MSVOA_U
 ClientSampleId :

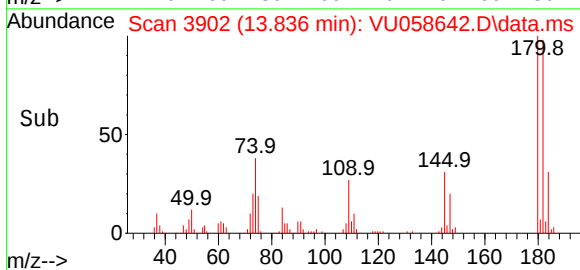
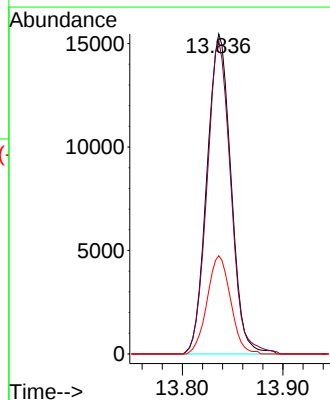
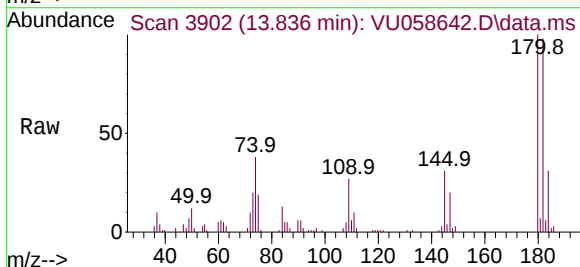


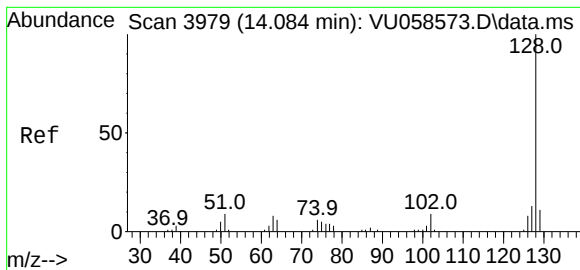
Tgt Ion:180 Resp: 39389
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.7 113.5
 184 31.2 24.3 36.5
 145 29.6 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 3.552 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU058642.D
 Acq: 12 Apr 2024 09:46

Tgt Ion:180 Resp: 25666
 Ion Ratio Lower Upper
 180 100
 182 96.7 74.4 111.6
 145 29.9 24.1 36.1





#71

Naphthalene

Concen: 2.796 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058642.D

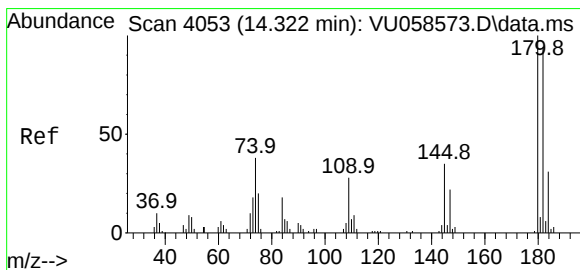
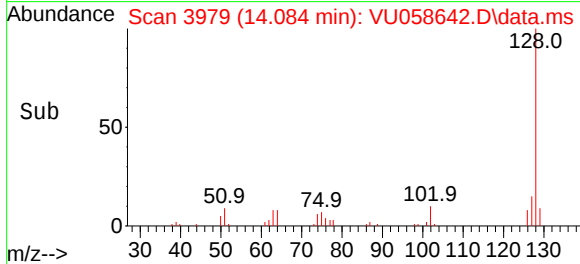
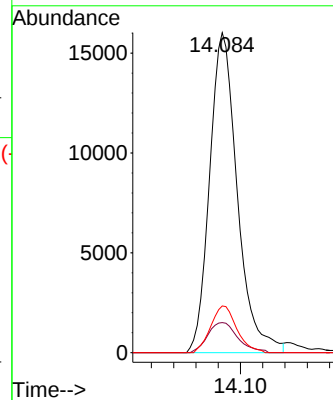
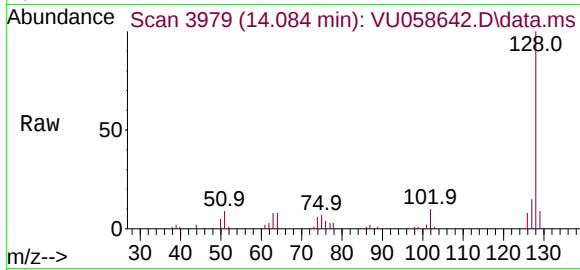
Acq: 12 Apr 2024 09:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	27691
Ion Ratio	Lower	Upper
128	100	
129	10.2	8.6 13.0
127	13.7	11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 3.574 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU058642.D

Acq: 12 Apr 2024 09:46

Tgt Ion:180	Resp:	21329
Ion Ratio	Lower	Upper
180	100	
182	92.9	75.9 113.9
145	32.6	25.2 37.8

