

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057289.D
 Acq On : 27 Dec 2023 19:02
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:38:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:31:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	277422	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	272954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135249	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	120203	5.040	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.911	69	95147	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.560	65	46928	4.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.637	46	281713	52.153	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.300%
24) Chloroform-d	5.055	84	212088	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	107514	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	400746	5.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	125591	5.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.891	98	354254	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.174	79	52272	5.343	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.631	63	237687	53.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	104991	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	120972	4.912	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	94926	4.714	ug/L	100
3) Chloromethane	1.518	50	97478	4.365	ug/L	97
5) Vinyl chloride	1.602	62	110940	4.791	ug/L	99
6) Bromomethane	1.856	94	55984	5.126	ug/L	96
8) Chloroethane	1.933	64	67009	4.464	ug/L	98
9) Trichlorofluoromethane	2.136	101	156068	4.678	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	96001	4.758	ug/L	98
12) 1,1-Dichloroethene	2.573	96	84280	4.649	ug/L	98
13) Acetone	2.657	43	151594	43.059	ug/L	99
14) Carbon disulfide	2.788	76	238375	4.610	ug/L	100
15) Methyl Acetate	2.956	43	35972	4.487	ug/L	99
16) Methylene chloride	3.039	84	102470	4.379	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	223719	4.888	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	87129	4.842	ug/L	96
19) 1,1-Dichloroethane	3.859	63	177198	4.686	ug/L	97
21) 2-Butanone	4.718	43	221951	44.141	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	96384	4.634	ug/L	96
23) Bromochloromethane	4.968	128	44210	4.755	ug/L	98
25) Chloroform	5.081	83	190204	4.769	ug/L	99

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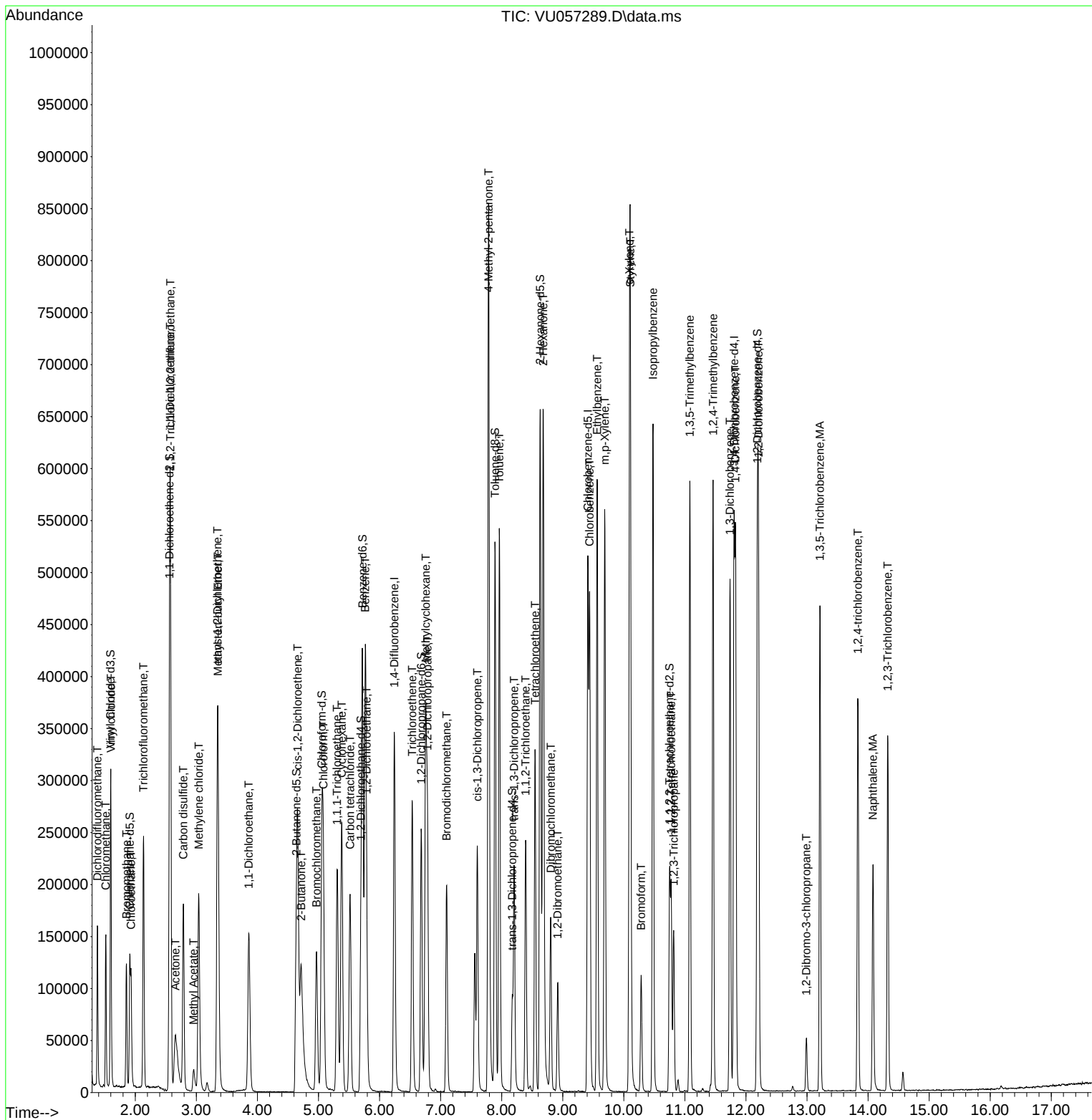
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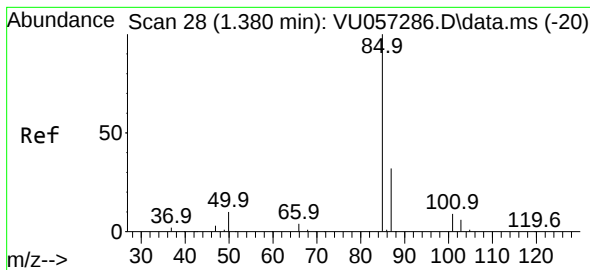
Quant Time: Dec 28 00:38:37 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116272	4.652	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	159038	4.600	ug/L	100
30) Cyclohexane	5.380	56	124962	4.846	ug/L	100
31) Carbon tetrachloride	5.518	117	137206	4.731	ug/L	99
33) Benzene	5.766	78	379197	4.823	ug/L	100
34) Trichloroethene	6.534	95	102014	4.868	ug/L	93
35) Methylcyclohexane	6.756	83	135637	4.956	ug/L	99
37) 1,2-Dichloropropane	6.785	63	106304	4.859	ug/L	99
38) Bromodichloromethane	7.100	83	134723	4.774	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	148219	4.955	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	566425	50.814	ug/L	99
42) Toluene	7.962	91	395869	4.676	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	129656	4.971	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	75743	4.753	ug/L	98
47) Tetrachloroethene	8.547	164	70973	4.793	ug/L	99
48) 2-Hexanone	8.682	43	421574	51.295	ug/L	99
49) Dibromochloromethane	8.804	129	86243	4.752	ug/L	98
50) 1,2-Dibromoethane	8.917	107	69105	4.832	ug/L	96
51) Chlorobenzene	9.441	112	249047	4.839	ug/L	99
52) Ethylbenzene	9.563	91	415100	4.913	ug/L	100
53) m,p-Xylene	9.688	106	158909	4.939	ug/L	96
54) o-Xylene	10.094	106	151539	4.955	ug/L	96
55) Styrene	10.110	104	269589	5.235	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	96719	4.906	ug/L	98
59) Bromoform	10.283	173	51032	4.818	ug/L	96
60) Isopropylbenzene	10.479	105	416589	5.023	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	65339	4.627	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	322849	4.974	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	327863	5.081	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	197088	4.945	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	197693	4.873	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	185570	4.843	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	14391	4.634	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	139928	4.903	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	112237	4.956	ug/L	99
71) Naphthalene	14.081	128	180568	5.101	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	101890	5.161	ug/L	100

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

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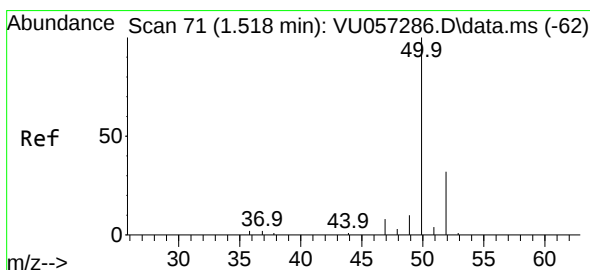
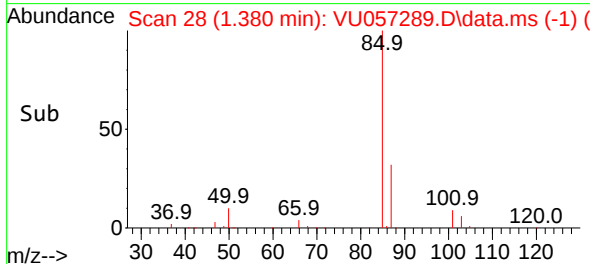
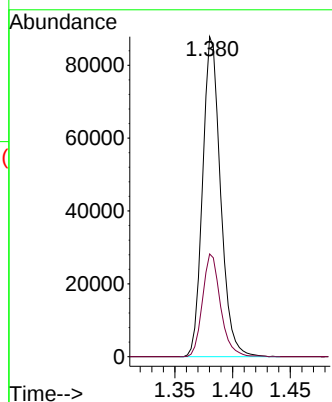
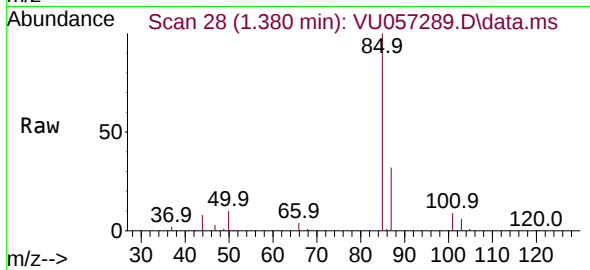




#2
 Dichlorodifluoromethane
 Concen: 4.714 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU057289.D
 Acq: 27 Dec 2023 19:02

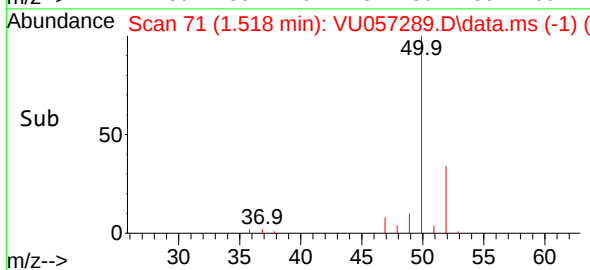
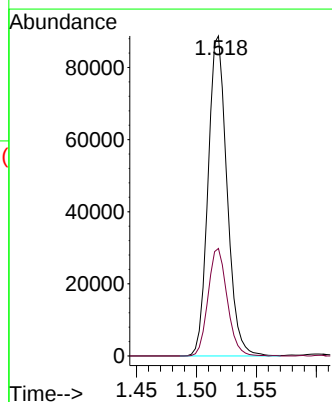
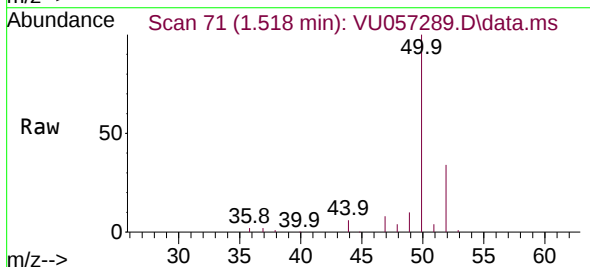
Instrument :
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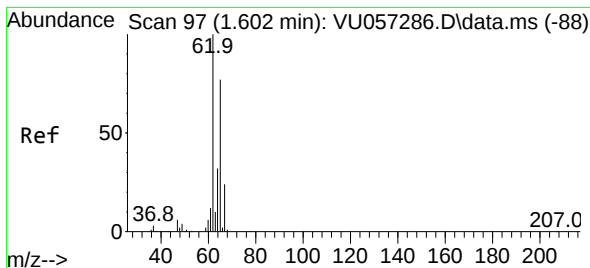
Tgt Ion: 85 Resp: 94926
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 4.365 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057289.D
 Acq: 27 Dec 2023 19:02

Tgt Ion: 50 Resp: 97478
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.5 41.7





#5

Vinyl chloride

Concen: 4.791 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

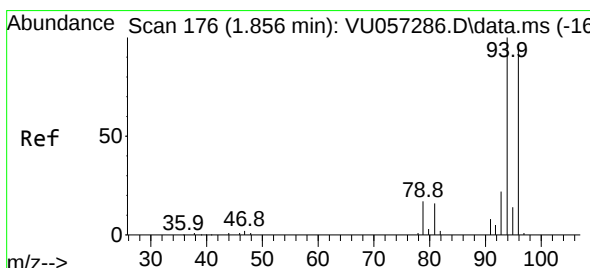
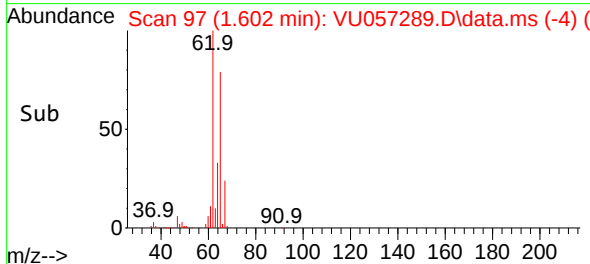
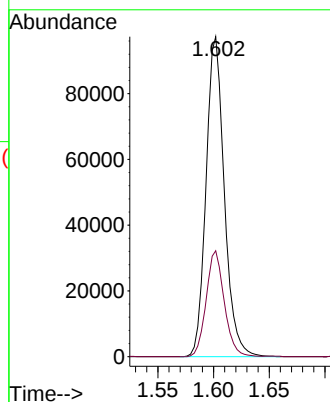
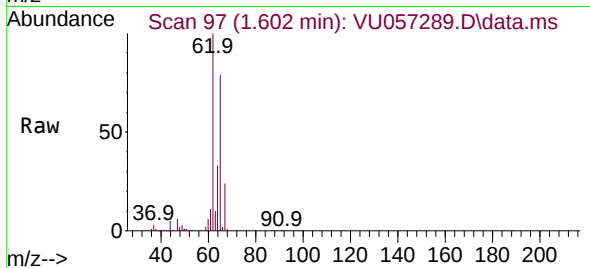
ClientSampleId :

Tgt Ion: 62 Resp: 110940

Ion Ratio Lower Upper

62 100

64 33.1 22.8 42.4



#6

Bromomethane

Concen: 5.126 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU057289.D

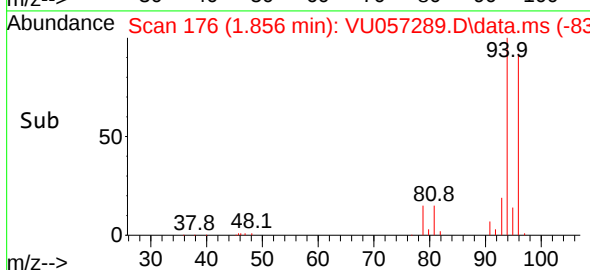
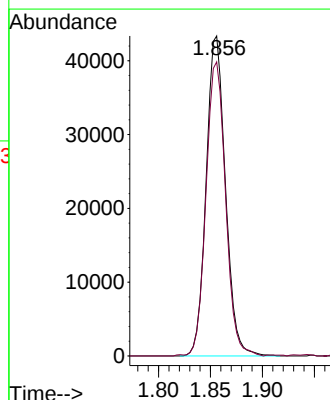
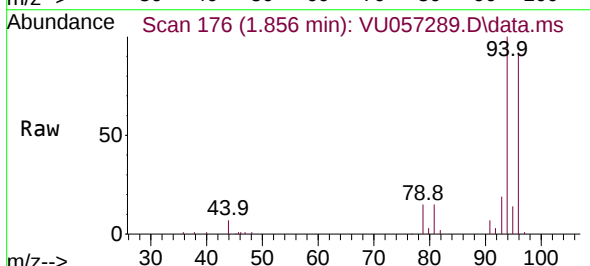
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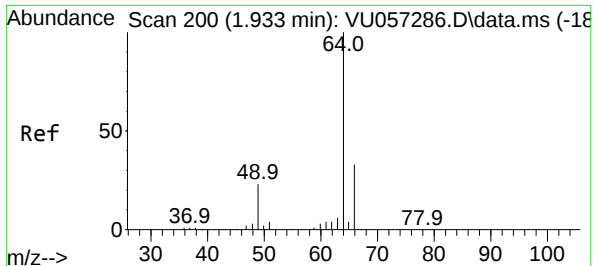
Tgt Ion: 94 Resp: 55984

Ion Ratio Lower Upper

94 100

96 91.9 67.3 125.1

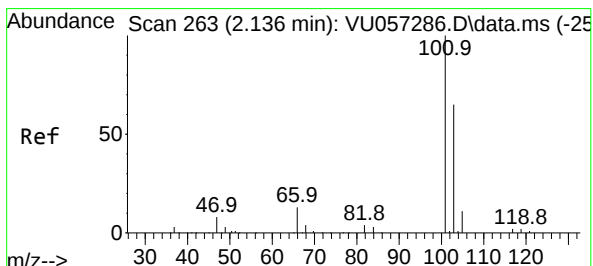
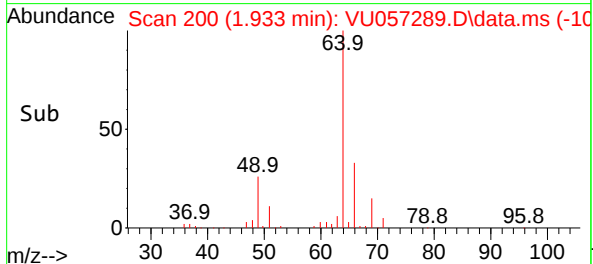
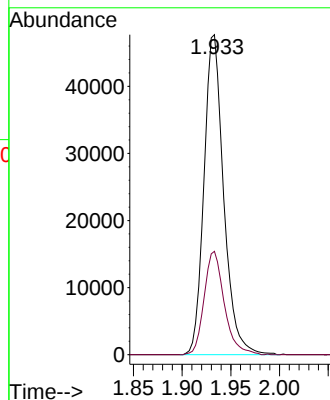
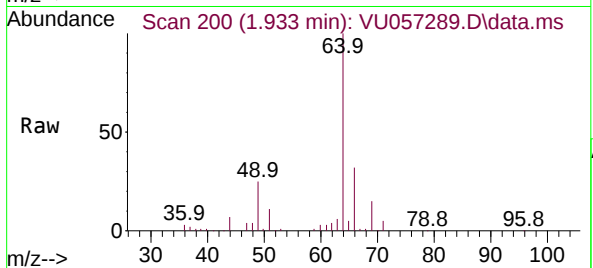




#8
Chloroethane
Concen: 4.464 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

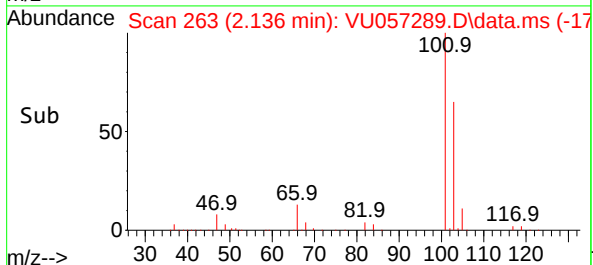
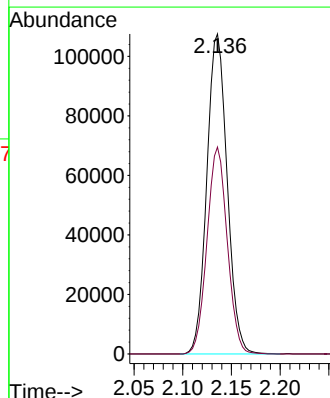
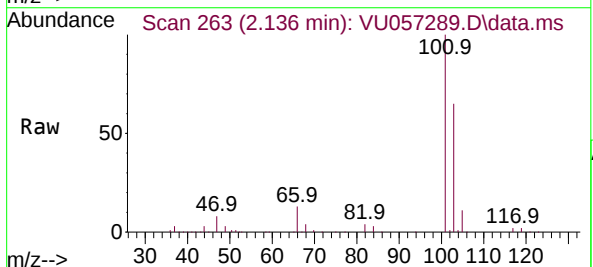
Instrument :
MSVOA_U
ClientSampleId :

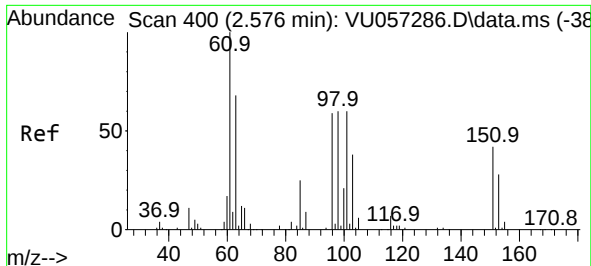
Tgt Ion: 64 Resp: 67009
Ion Ratio Lower Upper
64 100
66 32.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.678 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion:101 Resp: 156068
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

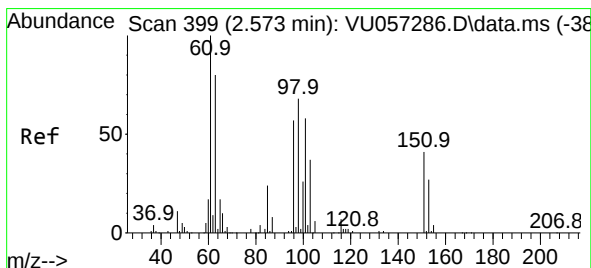
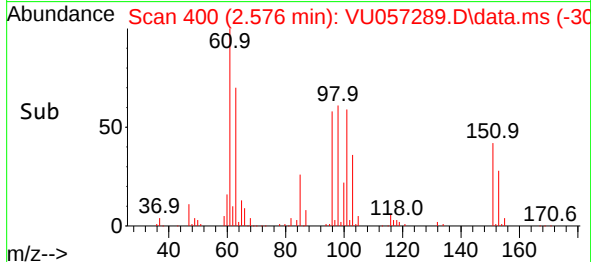
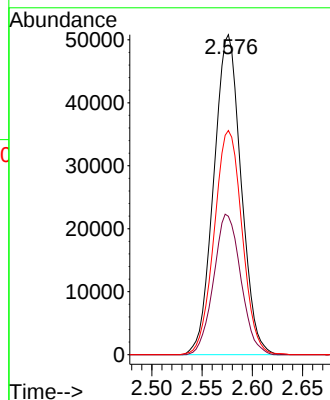
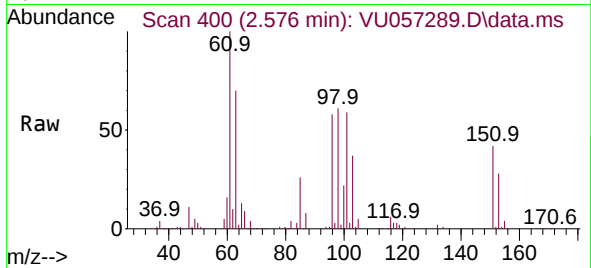




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.758 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057289.D
 Acq: 27 Dec 2023 19:02

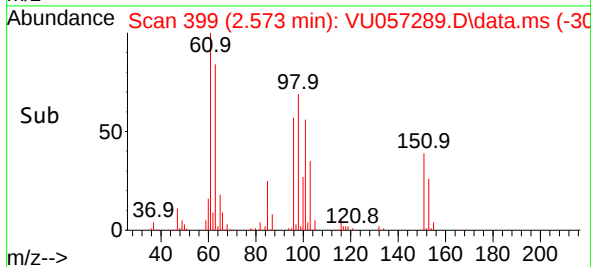
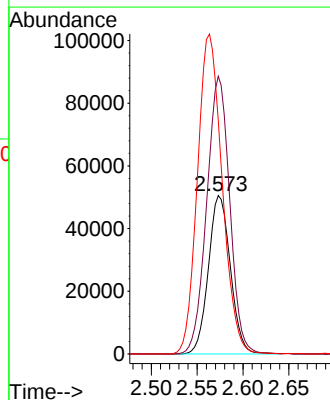
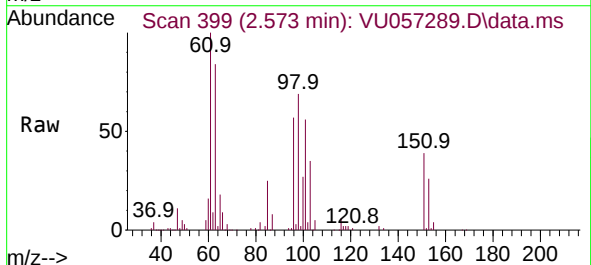
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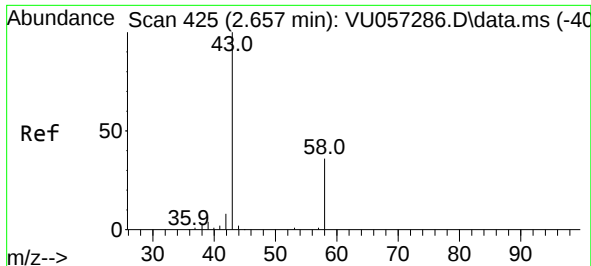
Tgt Ion:101 Resp: 96001
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.1 52.7
 151 71.7 55.8 83.6



#12
 1,1-Dichloroethene
 Concen: 4.649 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU057289.D
 Acq: 27 Dec 2023 19:02

Tgt Ion: 96 Resp: 84280
 Ion Ratio Lower Upper
 96 100
 61 175.3 122.2 226.9
 63 147.4 99.2 184.2





#13

Acetone

Concen: 43.059 ug/L

RT: 2.657 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

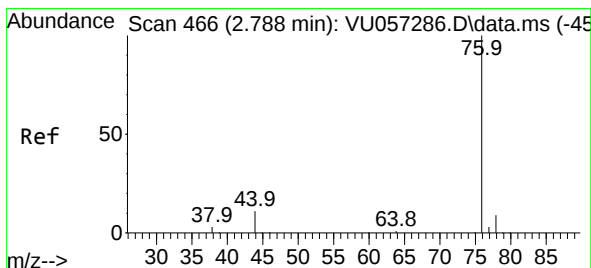
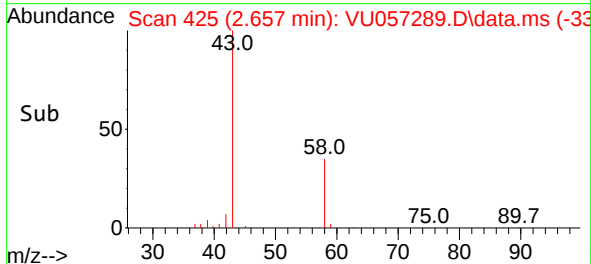
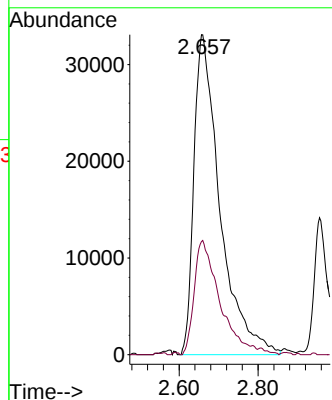
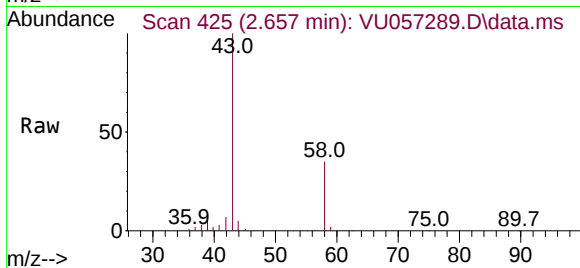
ClientSampleId :

Tgt Ion: 43 Resp: 151594

Ion Ratio Lower Upper

43 100

58 34.3 0.0 67.2



#14

Carbon disulfide

Concen: 4.610 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057289.D

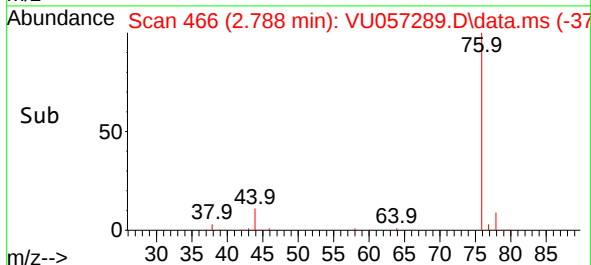
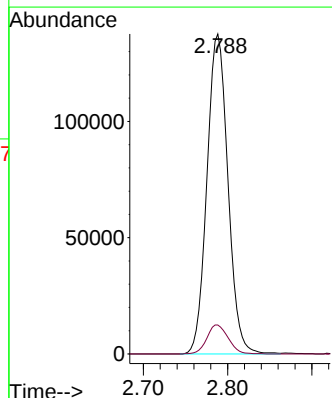
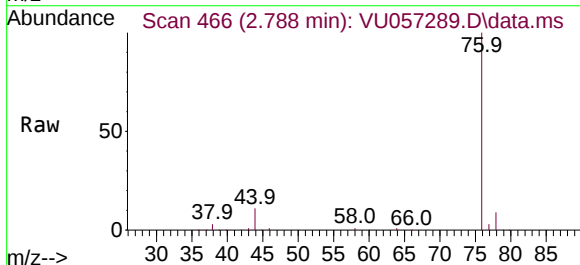
Acq: 27 Dec 2023 19:02

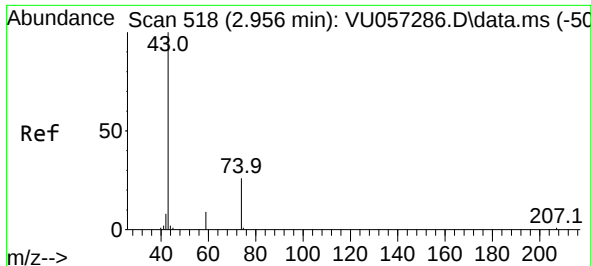
Tgt Ion: 76 Resp: 238375

Ion Ratio Lower Upper

76 100

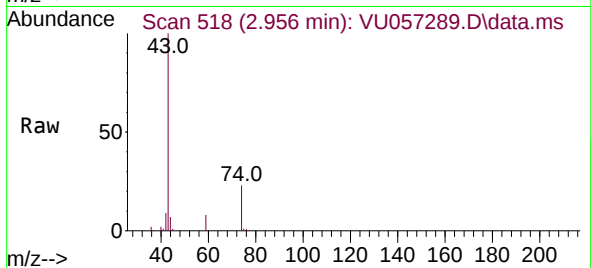
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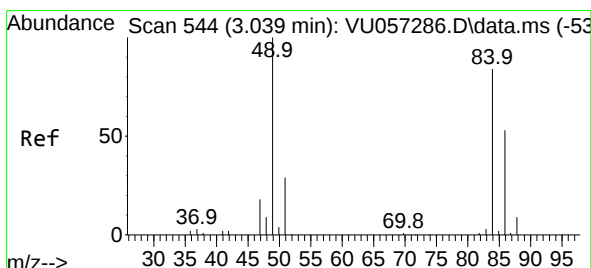
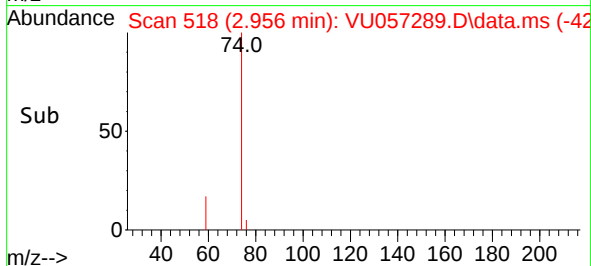
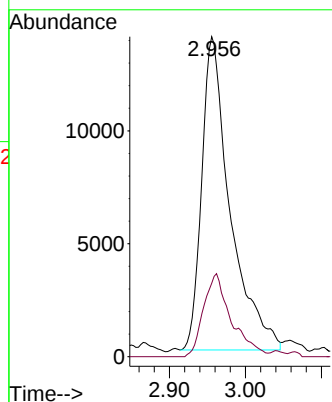


#15
Methyl Acetate
Concen: 4.487 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Instrument :
MSVOA_U
ClientSampleId :

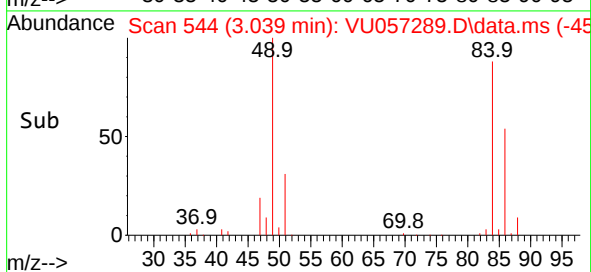
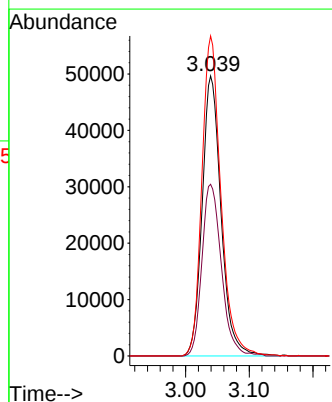
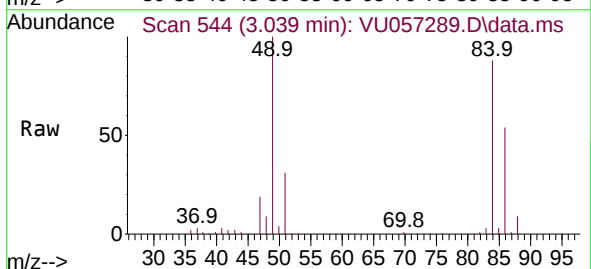


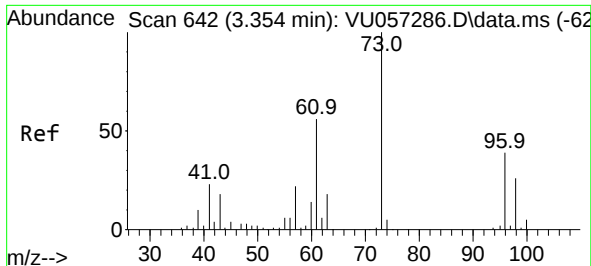
Tgt Ion: 43 Resp: 35972
Ion Ratio Lower Upper
43 100
74 25.9 20.5 30.7



#16
Methylene chloride
Concen: 4.379 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion: 84 Resp: 102470
Ion Ratio Lower Upper
84 100
86 61.3 43.8 81.3
49 114.3 83.2 154.4

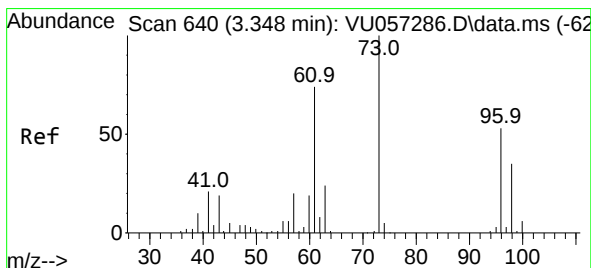
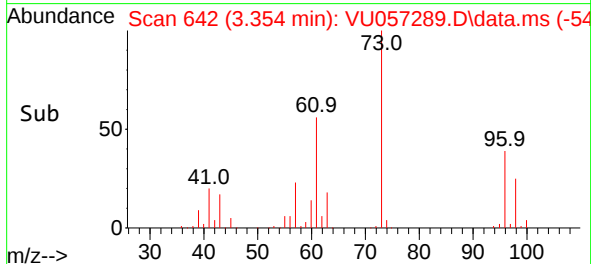
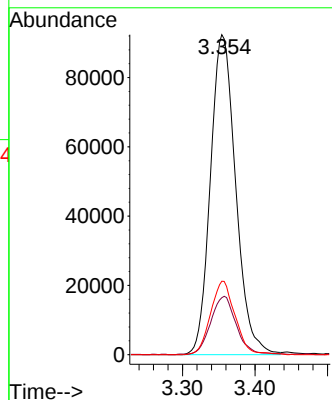
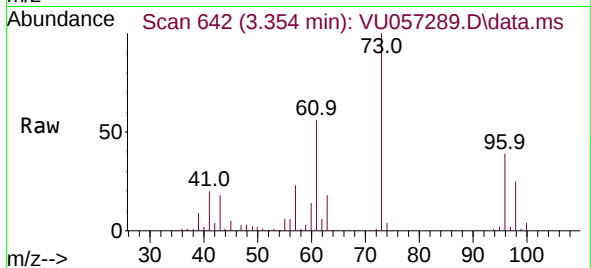




#17
Methyl tert-butyl Ether
Concen: 4.888 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

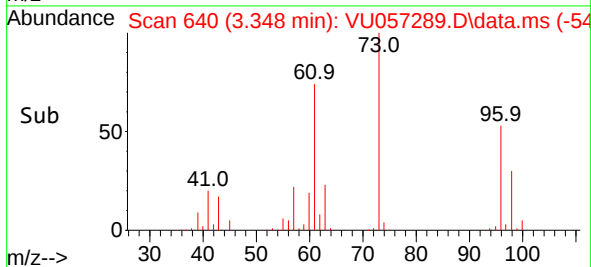
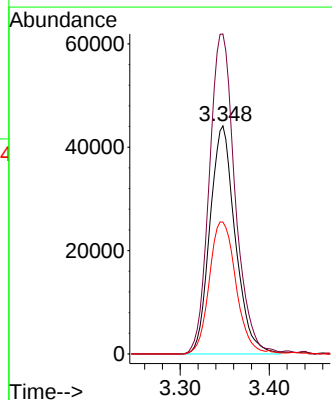
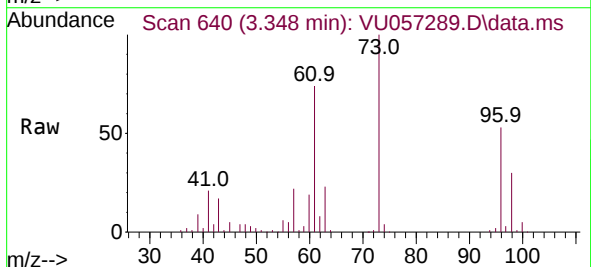
Instrument :
MSVOA_U
ClientSampleId :

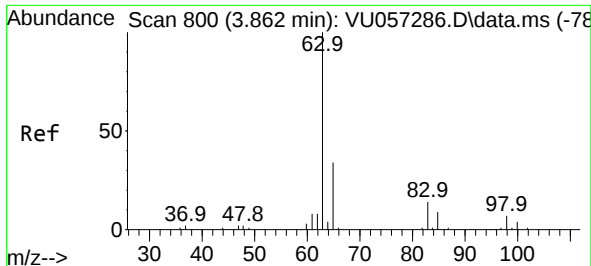
Tgt Ion: 73 Resp: 223719
Ion Ratio Lower Upper
73 100
43 18.1 15.2 22.8
57 22.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.842 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion: 96 Resp: 87129
Ion Ratio Lower Upper
96 100
61 140.2 97.5 181.1
98 57.8 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.686 ug/L

RT: 3.859 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

ClientSampleId :

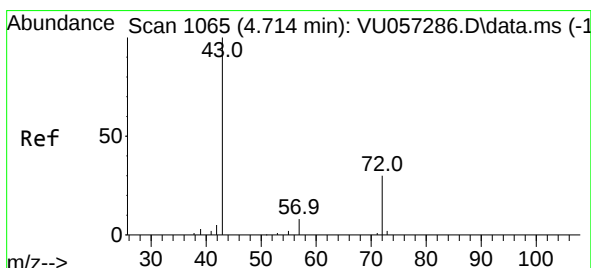
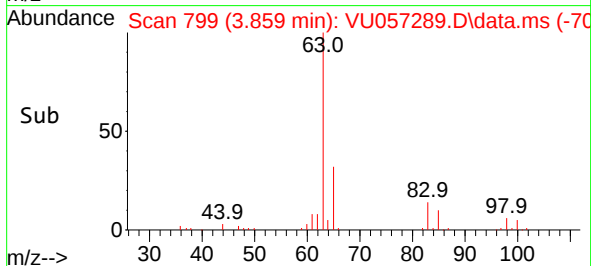
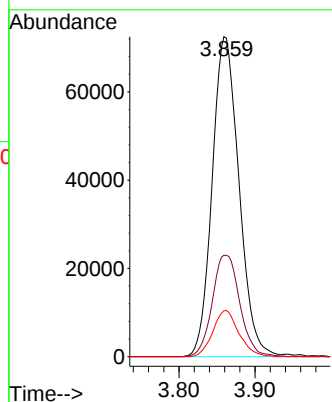
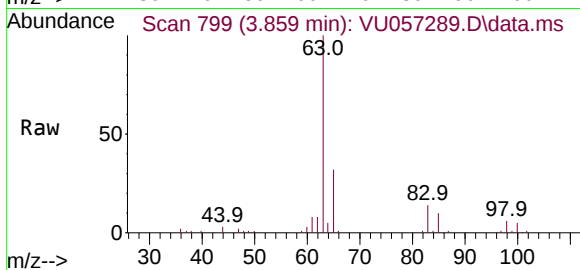
Tgt Ion: 63 Resp: 177198

Ion Ratio Lower Upper

63 100

65 31.7 23.6 43.8

83 14.3 9.8 18.2



#21

2-Butanone

Concen: 44.141 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.003 min

Lab File: VU057289.D

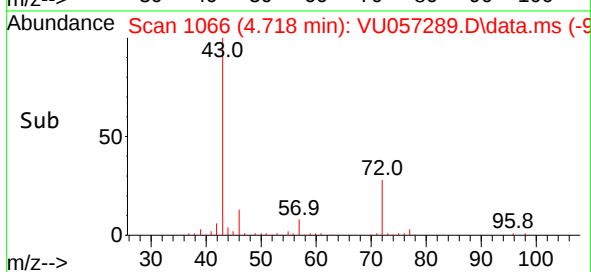
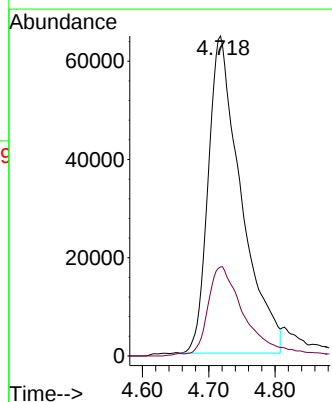
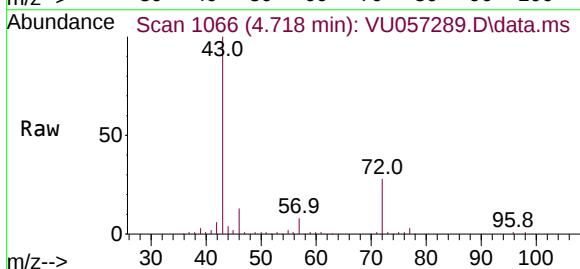
Acq: 27 Dec 2023 19:02

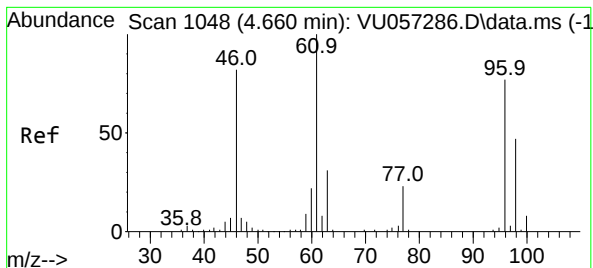
Tgt Ion: 43 Resp: 221951

Ion Ratio Lower Upper

43 100

72 31.8 14.3 42.9





#22

cis-1,2-Dichloroethene

Concen: 4.634 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

ClientSampleId :

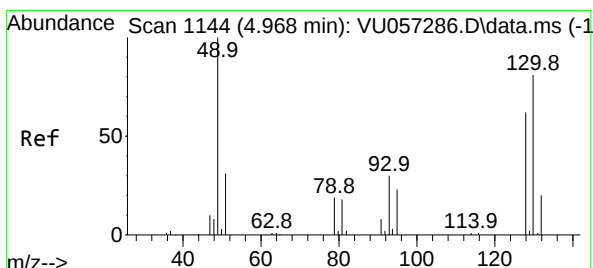
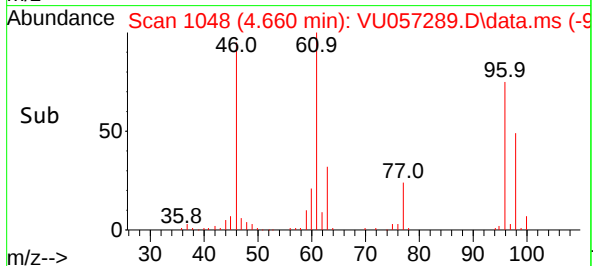
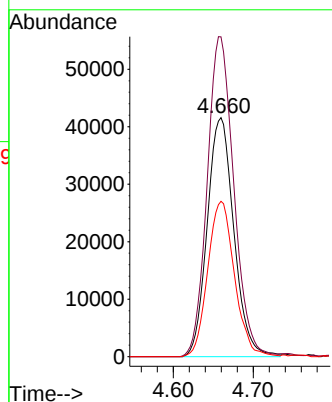
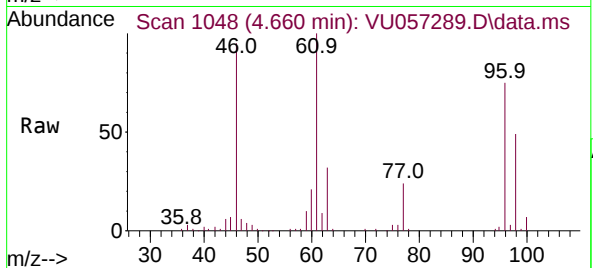
Tgt Ion: 96 Resp: 96384

Ion Ratio Lower Upper

96 100

61 133.8 91.1 169.3

98 65.0 42.6 79.0



#23

Bromochloromethane

Concen: 4.755 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Tgt Ion: 128 Resp: 44210

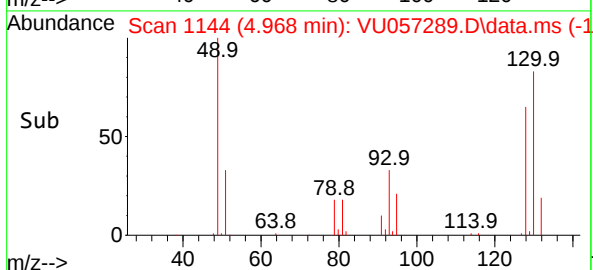
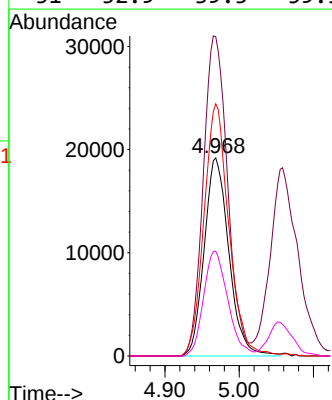
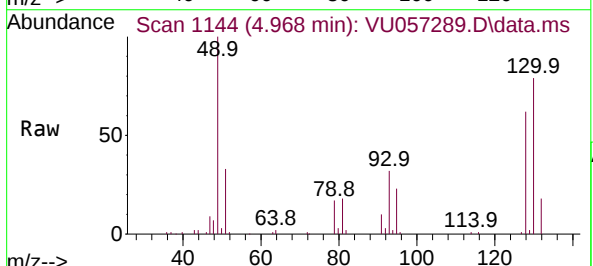
Ion Ratio Lower Upper

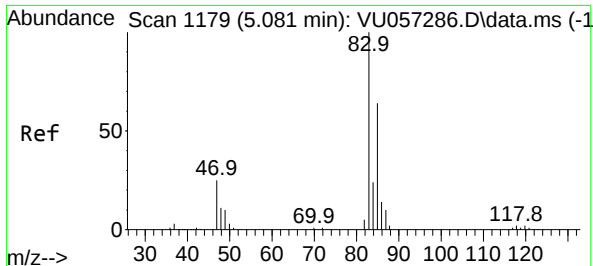
128 100

49 161.2 113.1 210.1

130 127.3 91.6 170.2

51 52.9 39.5 59.3





#25

Chloroform

Concen: 4.769 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

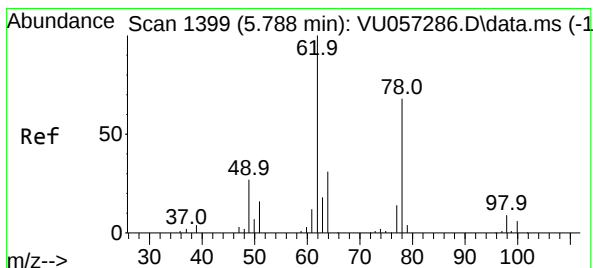
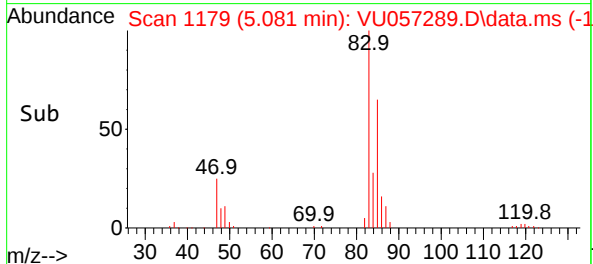
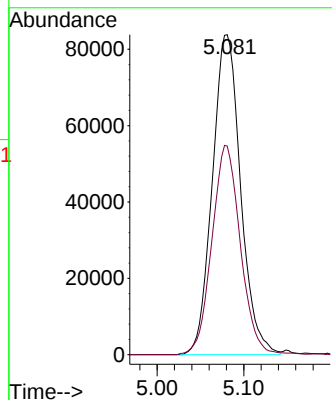
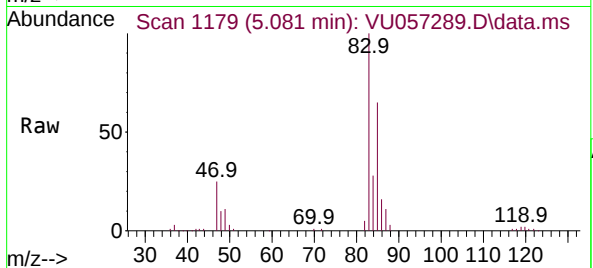
ClientSampleId :

Tgt Ion: 83 Resp: 190204

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.652 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU057289.D

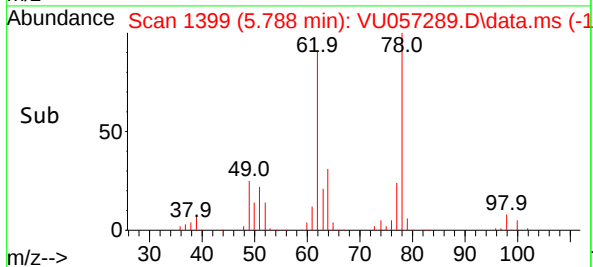
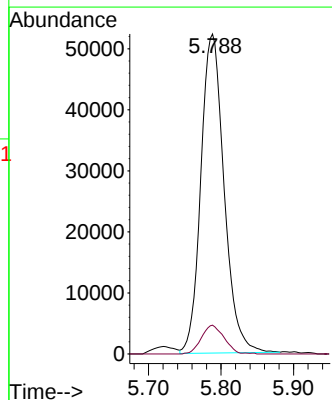
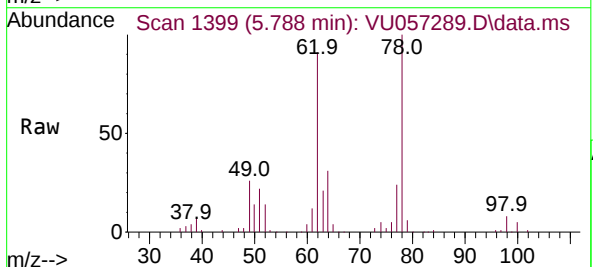
Acq: 27 Dec 2023 19:02

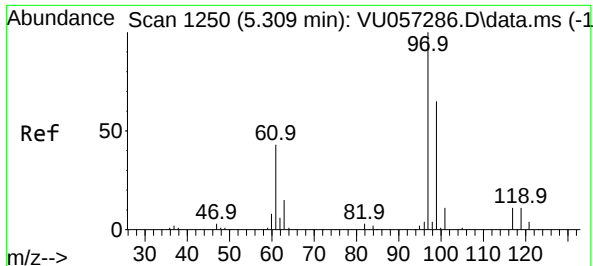
Tgt Ion: 62 Resp: 116272

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 4.600 ug/L

RT: 5.306 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

ClientSampleId :

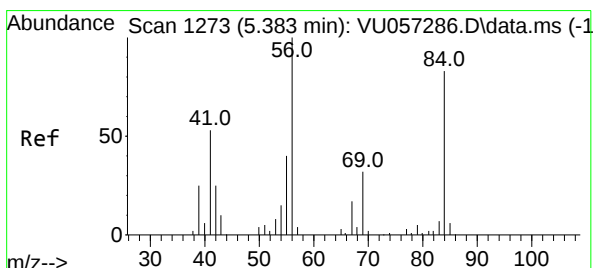
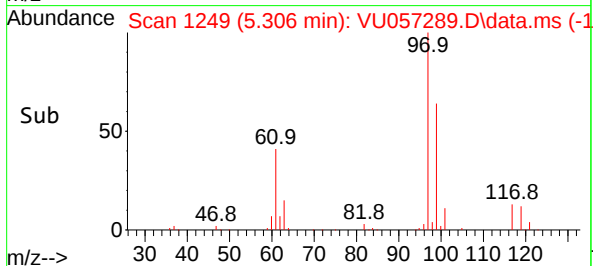
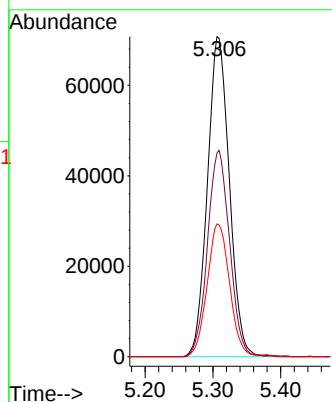
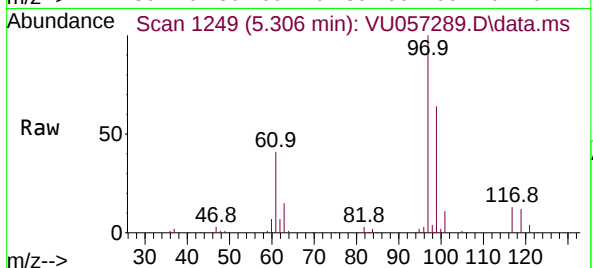
Tgt Ion: 97 Resp: 159038

Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 42.4 34.1 51.1



#30

Cyclohexane

Concen: 4.846 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

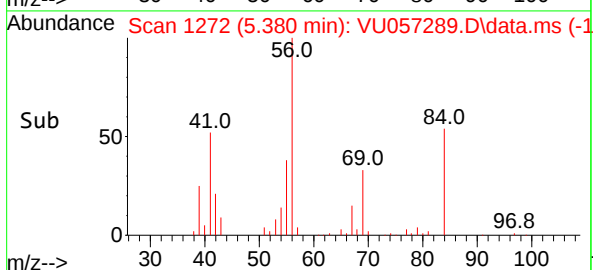
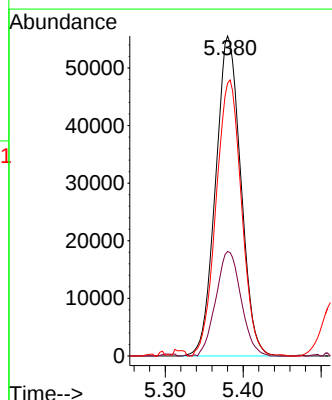
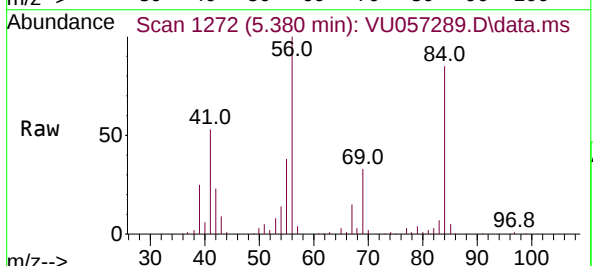
Tgt Ion: 56 Resp: 124962

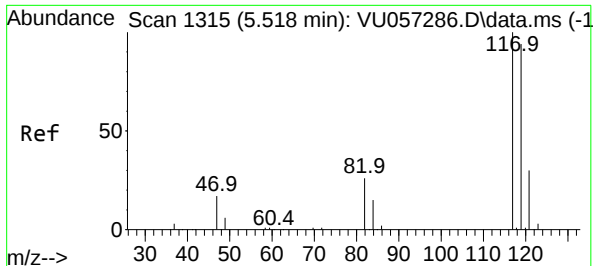
Ion Ratio Lower Upper

56 100

69 32.7 26.2 39.4

84 86.9 69.4 104.2

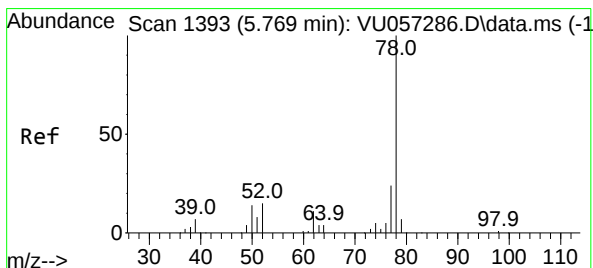
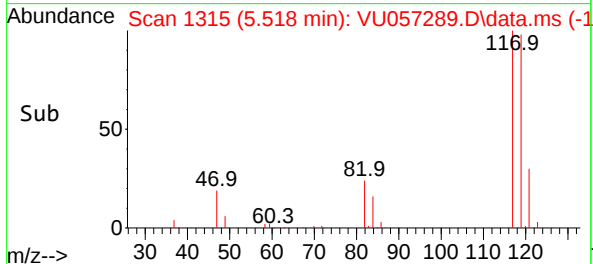
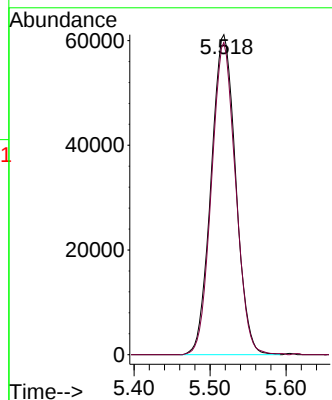
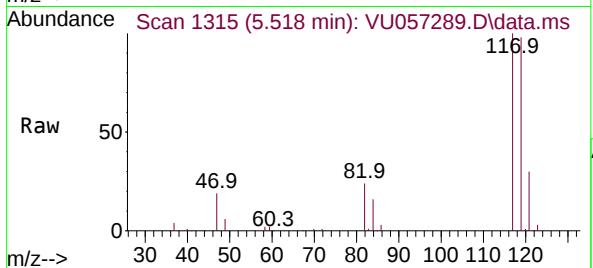




#31
Carbon tetrachloride
Concen: 4.731 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

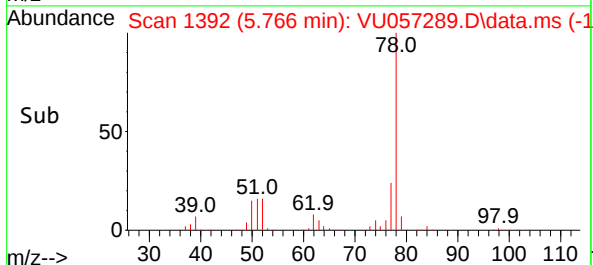
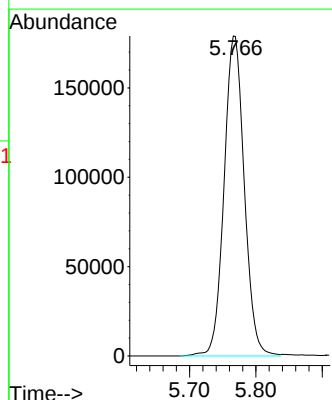
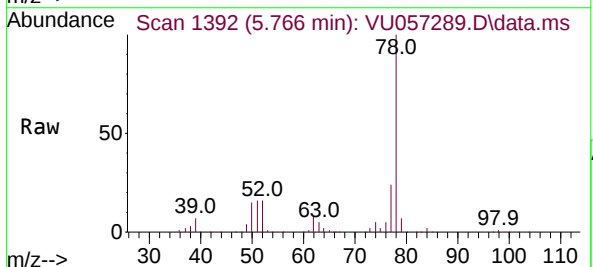
Instrument :
MSVOA_U
ClientSampleId :

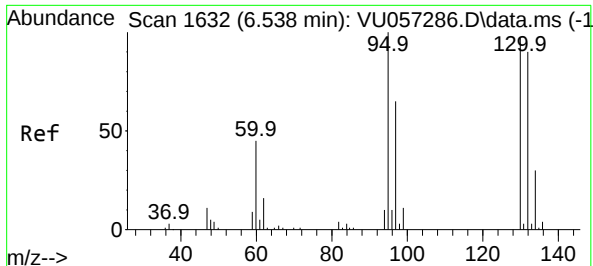
Tgt Ion:117 Resp: 137206
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1



#33
Benzene
Concen: 4.823 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion: 78 Resp: 379197

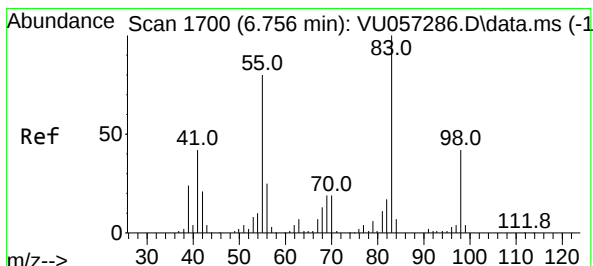
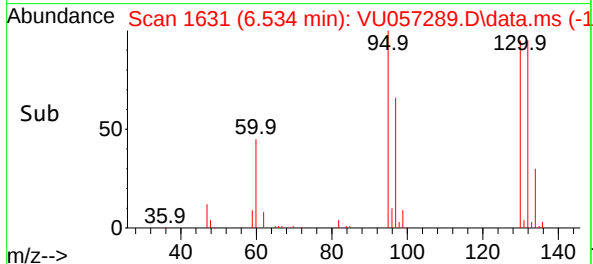
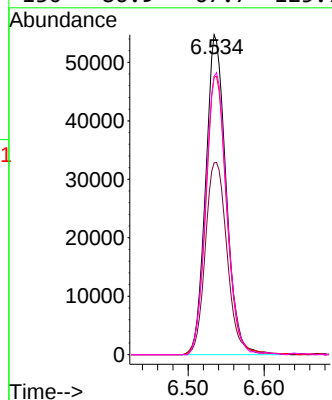
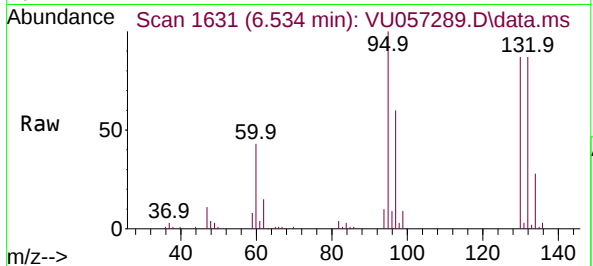




#34
Trichloroethene
Concen: 4.868 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

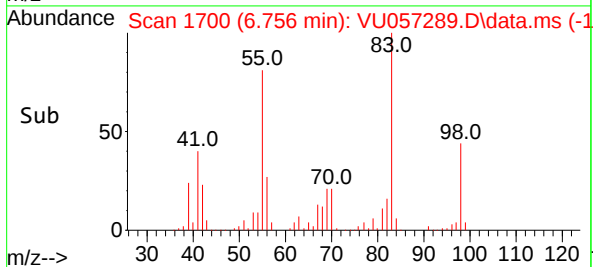
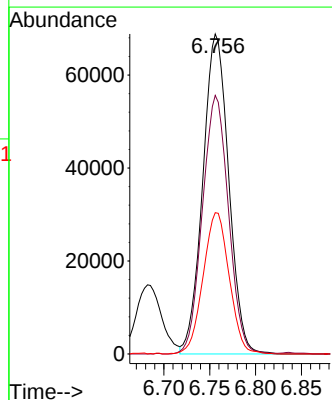
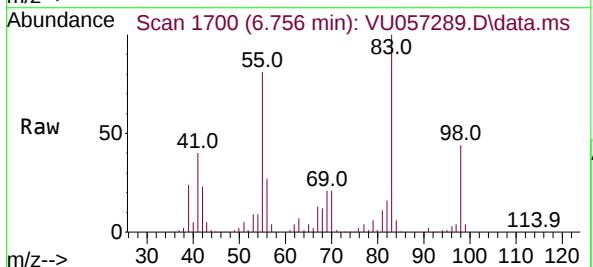
Instrument :
MSVOA_U
ClientSampleId :

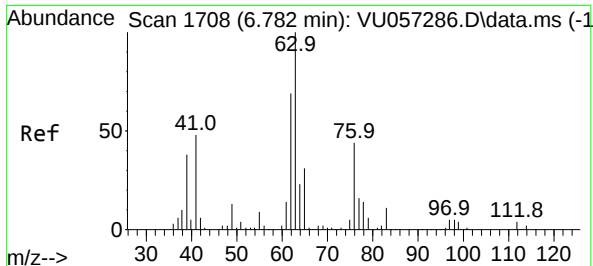
Tgt Ion: 95 Resp: 102014
Ion Ratio Lower Upper
95 100
97 60.0 45.3 84.1
132 86.8 63.1 117.3
130 86.9 67.7 125.7



#35
Methylcyclohexane
Concen: 4.956 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion: 83 Resp: 135637
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.2
98 44.4 35.3 52.9

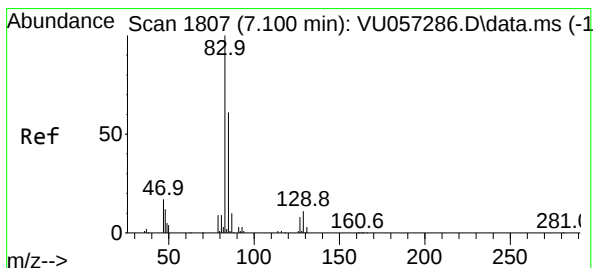
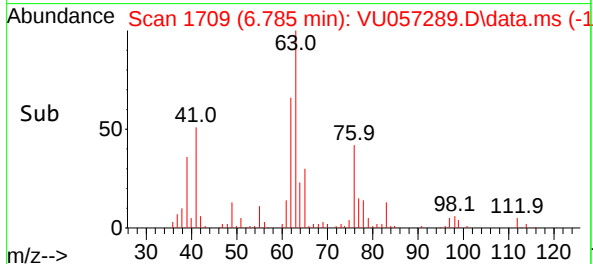
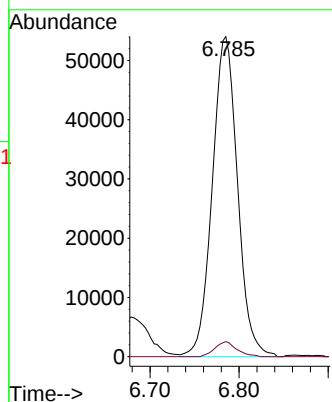
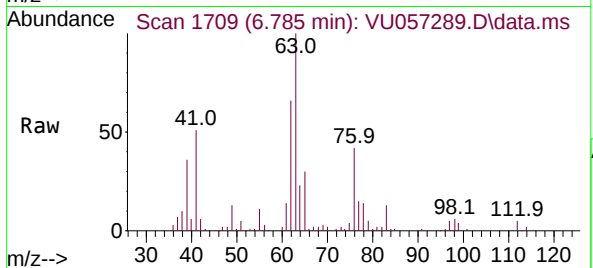




#37
1,2-Dichloropropane
Concen: 4.859 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

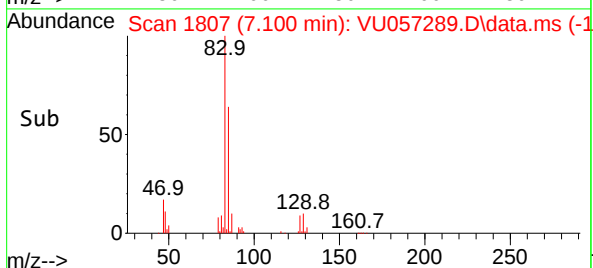
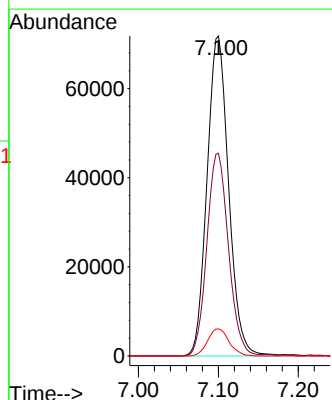
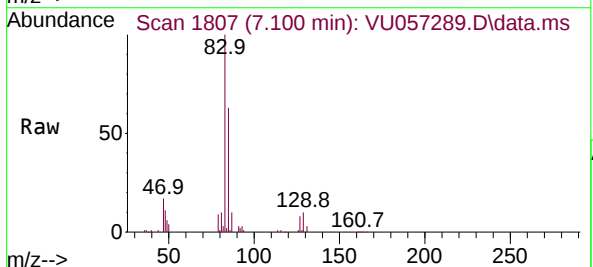
Instrument :
MSVOA_U
ClientSampleId :

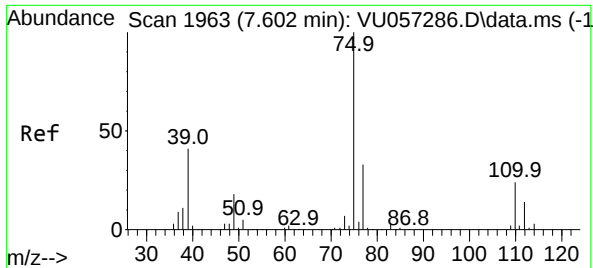
Tgt Ion: 63 Resp: 106304
Ion Ratio Lower Upper
63 100
112 4.1 2.9 4.3



#38
Bromodichloromethane
Concen: 4.774 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion: 83 Resp: 134723
Ion Ratio Lower Upper
83 100
85 63.3 42.6 79.0
127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.955 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

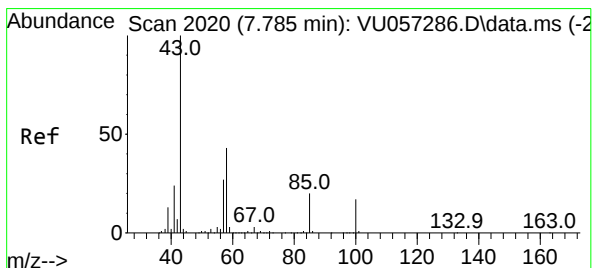
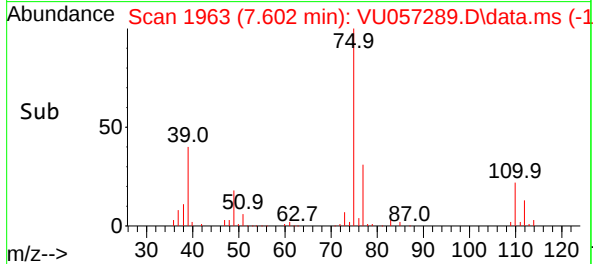
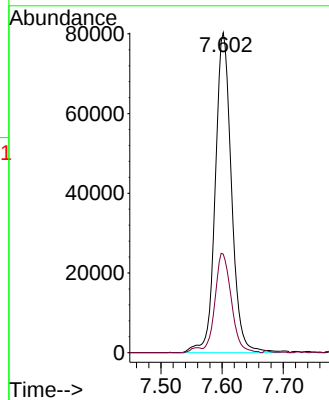
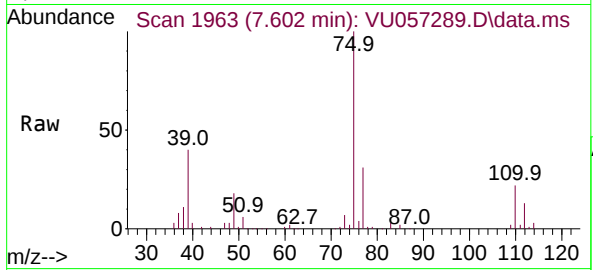
ClientSampleId :

Tgt Ion: 75 Resp: 148219

Ion Ratio Lower Upper

75 100

77 30.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 50.814 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

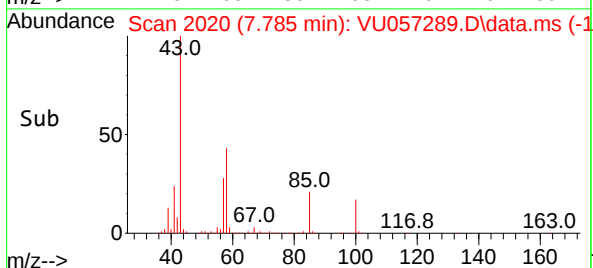
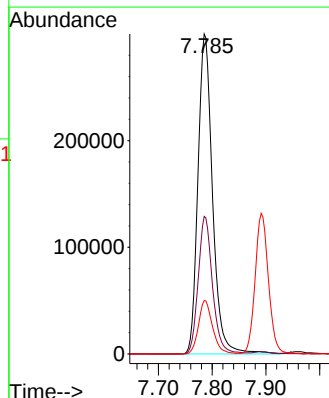
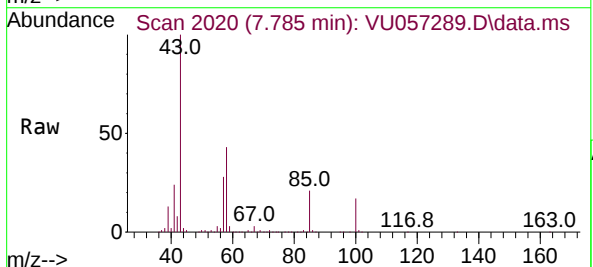
Tgt Ion: 43 Resp: 566425

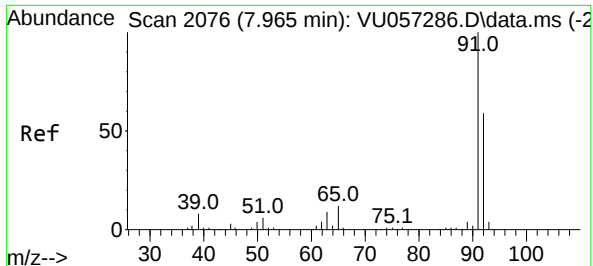
Ion Ratio Lower Upper

43 100

58 42.1 34.4 51.6

100 16.1 13.2 19.8





#42

Toluene

Concen: 4.676 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

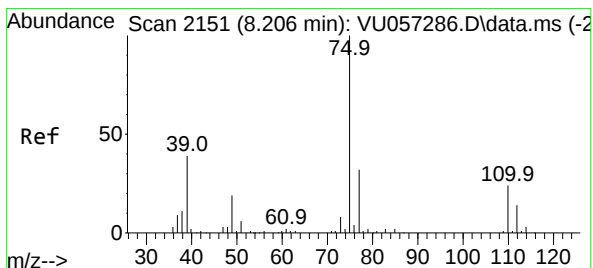
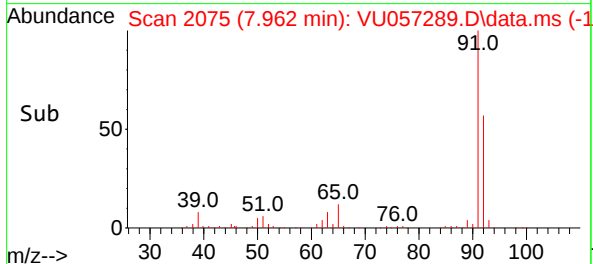
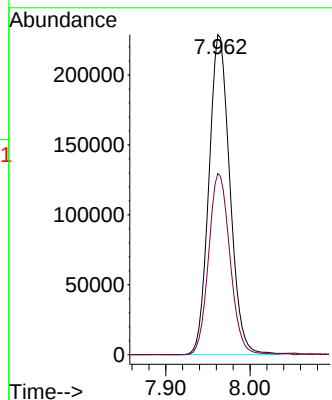
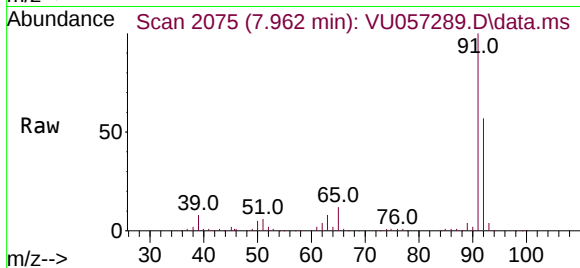
ClientSampleId :

Tgt Ion: 91 Resp: 395869

Ion Ratio Lower Upper

91 100

92 56.6 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 4.971 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057289.D

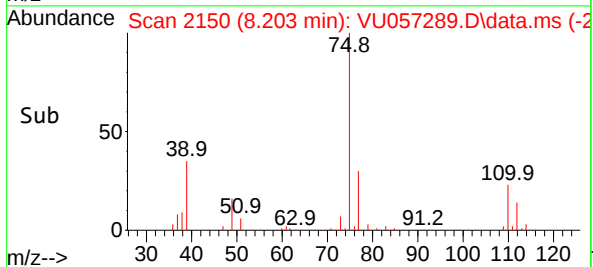
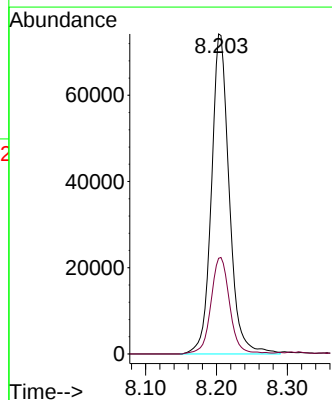
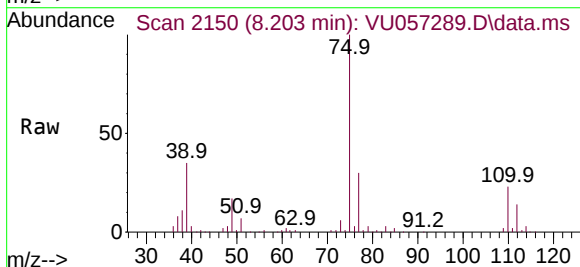
Acq: 27 Dec 2023 19:02

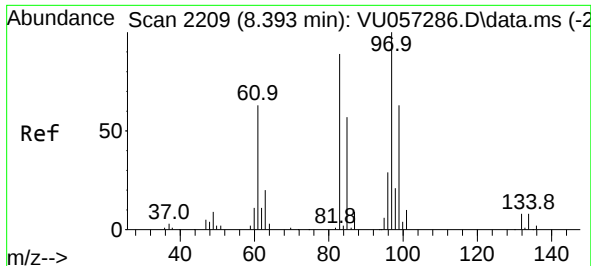
Tgt Ion: 75 Resp: 129656

Ion Ratio Lower Upper

75 100

77 29.9 22.5 41.9

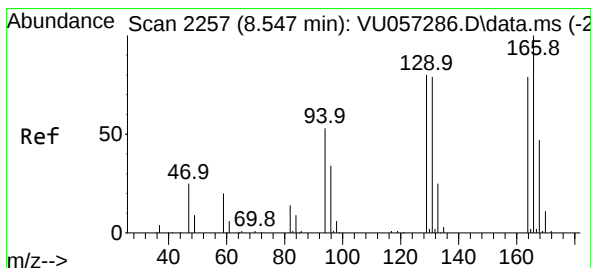
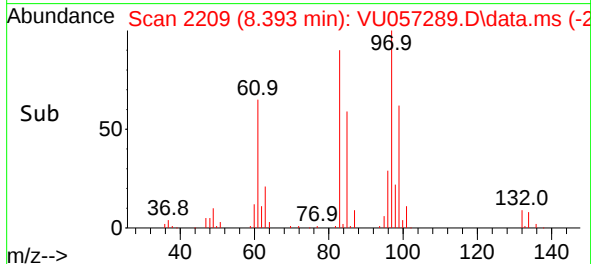
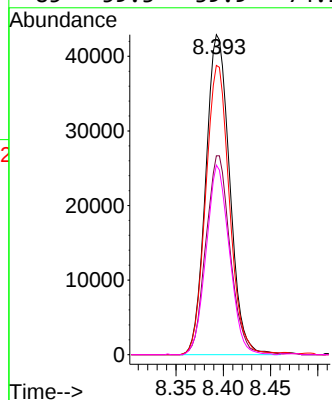
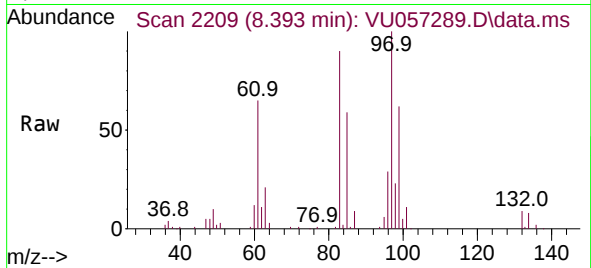




#45
1,1,2-Trichloroethane
Concen: 4.753 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

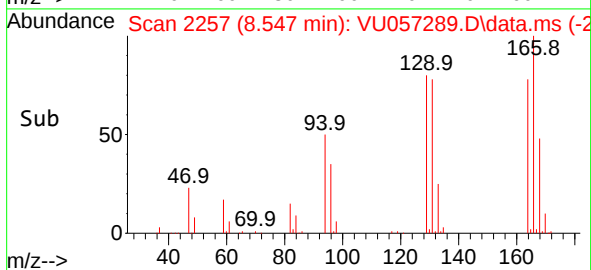
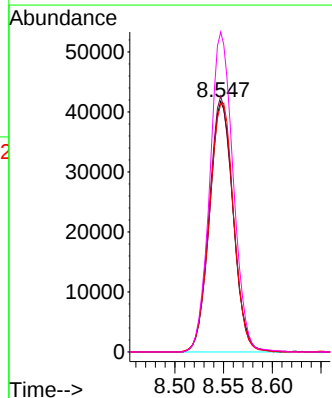
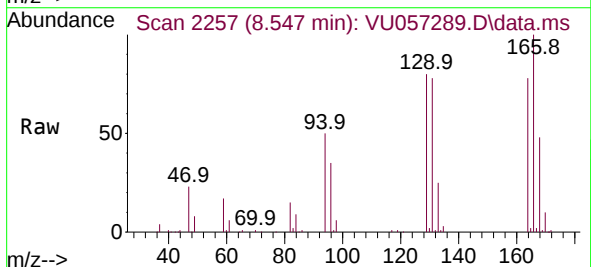
Instrument :
MSVOA_U
ClientSampleId :

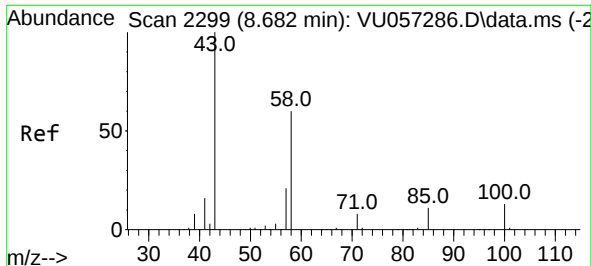
Tgt Ion:	97	Resp:	75743
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.0	81.8
83	90.4	62.3	115.7
85	59.3	39.9	74.1



#47
Tetrachloroethene
Concen: 4.793 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

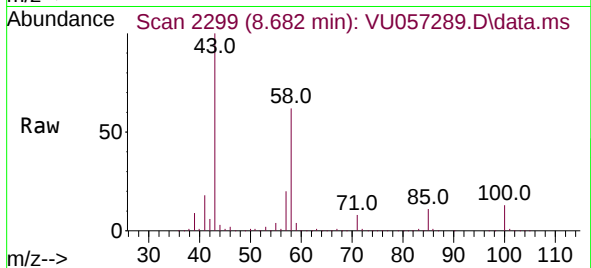
Tgt Ion:	164	Resp:	70973
Ion	Ratio	Lower	Upper
164	100		
129	102.0	71.3	132.5
131	99.0	70.7	131.3
166	127.7	89.1	165.5



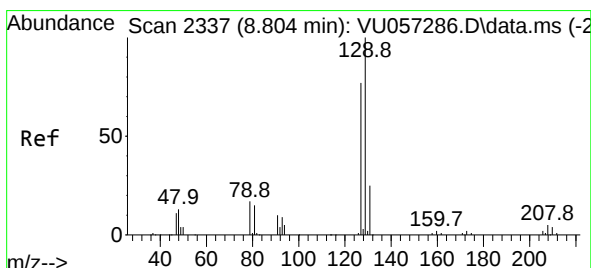
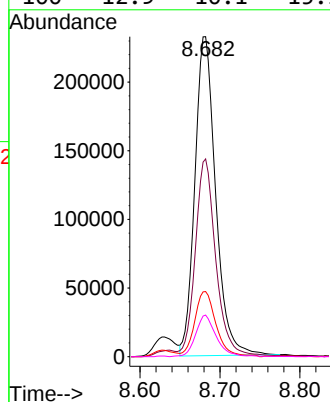
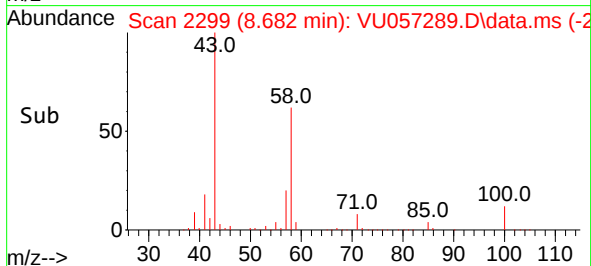


#48
2-Hexanone
Concen: 51.295 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Instrument :
MSVOA_U
ClientSampleId :

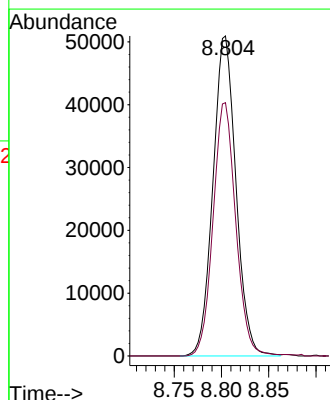
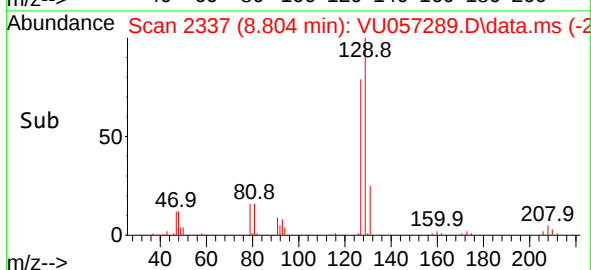
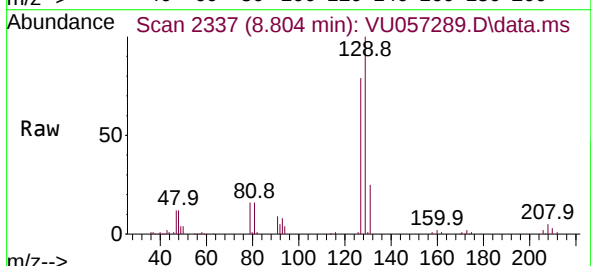


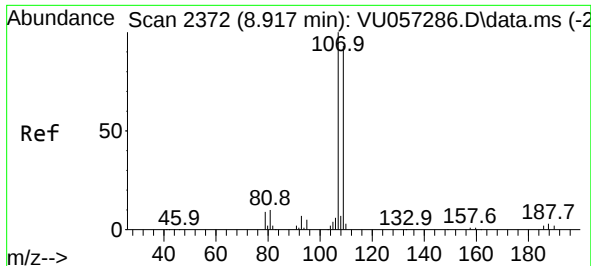
Tgt Ion: 43 Resp: 421574
Ion Ratio Lower Upper
43 100
58 60.5 48.4 72.6
57 21.0 17.4 26.2
100 12.9 10.1 15.1



#49
Dibromochloromethane
Concen: 4.752 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

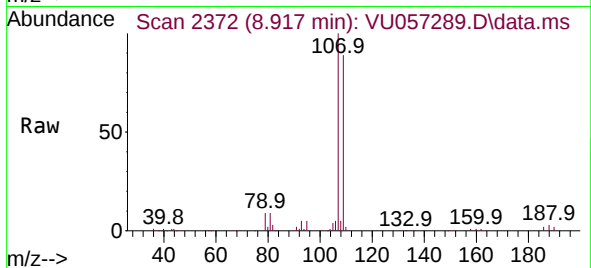
Tgt Ion: 129 Resp: 86243
Ion Ratio Lower Upper
129 100
127 79.1 54.2 100.6



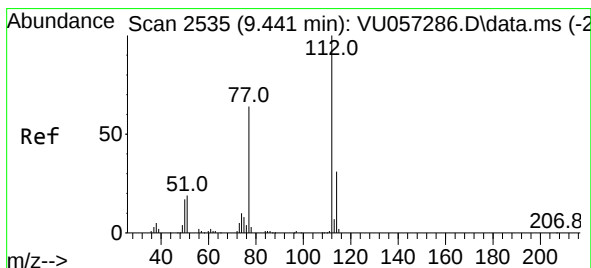
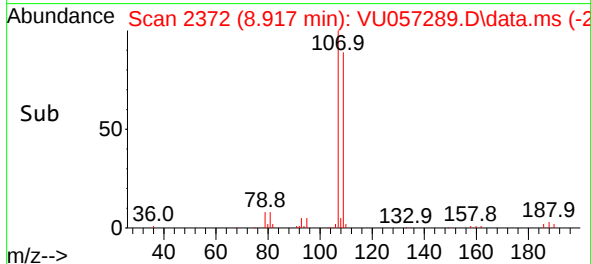
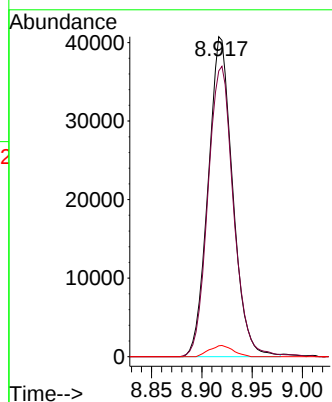


#50
1,2-Dibromoethane
Concen: 4.832 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Instrument :
MSVOA_U
ClientSampleId :

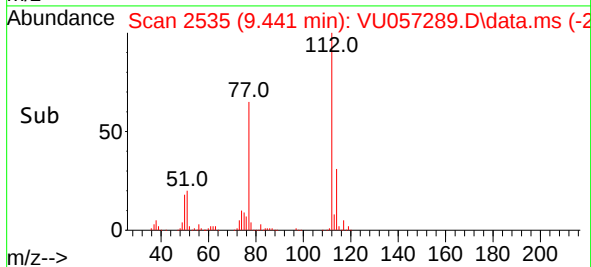
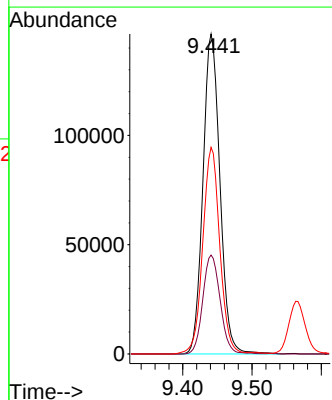
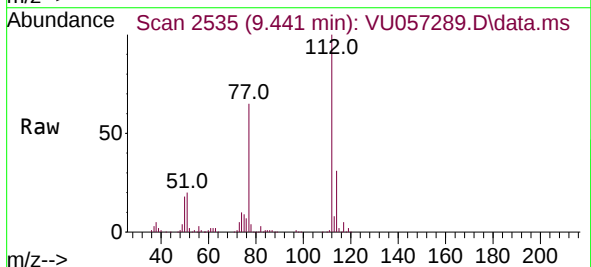


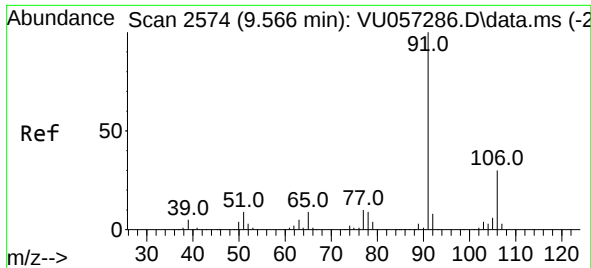
Tgt Ion:107 Resp: 69105
Ion Ratio Lower Upper
107 100
109 89.3 65.2 121.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 4.839 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion:112 Resp: 249047
Ion Ratio Lower Upper
112 100
114 30.9 21.8 40.4
77 64.6 51.2 76.8

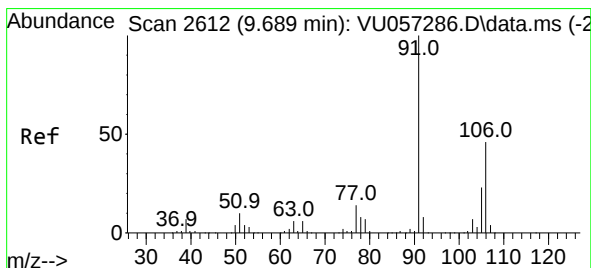
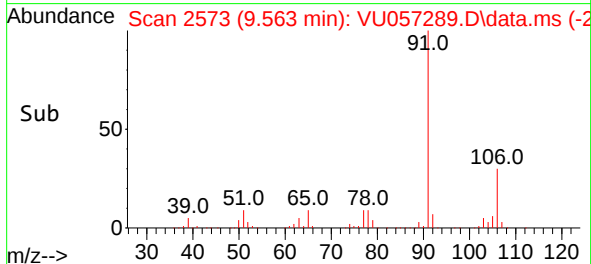
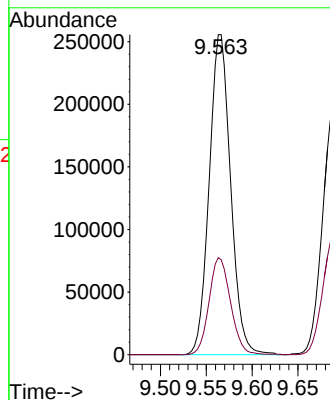
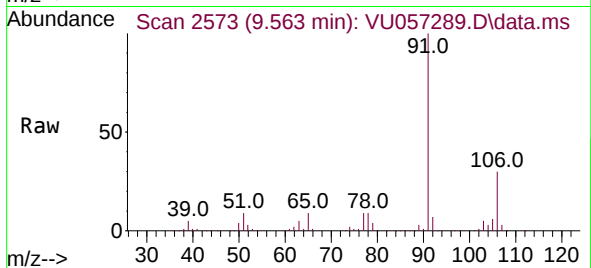




#52
Ethylbenzene
Concen: 4.913 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

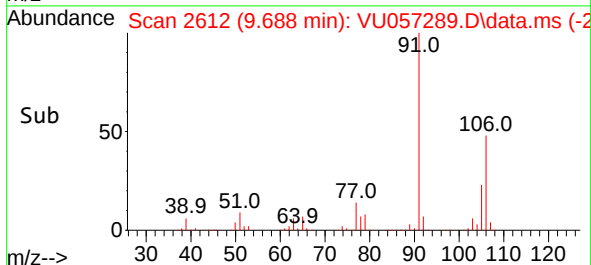
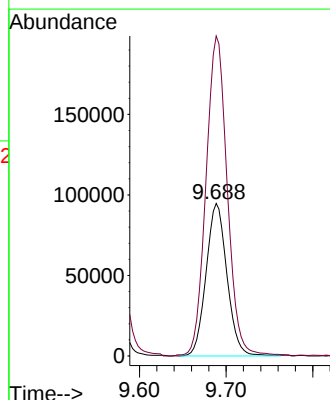
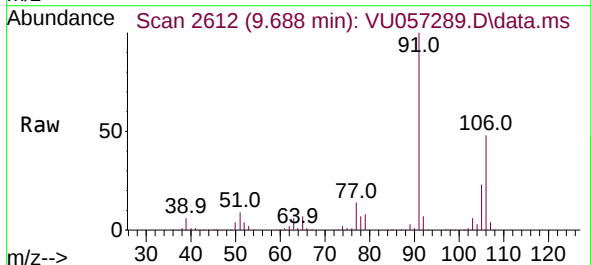
Instrument :
MSVOA_U
ClientSampleId :

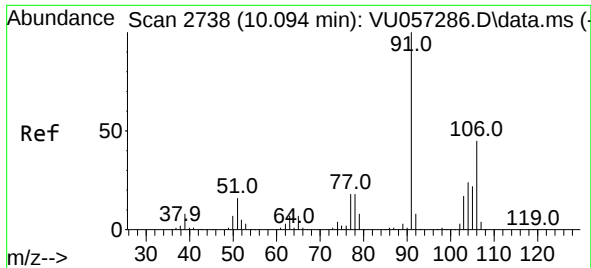
Tgt Ion: 91 Resp: 415100
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.3



#53
m,p-Xylene
Concen: 4.939 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion: 106 Resp: 158909
Ion Ratio Lower Upper
106 100
91 209.9 151.5 281.5

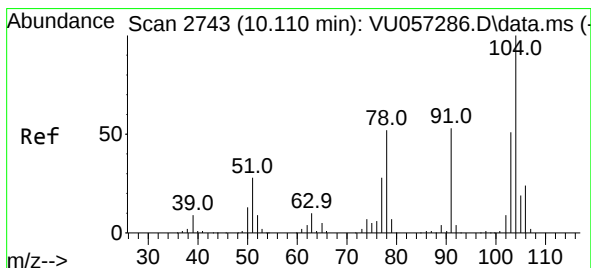
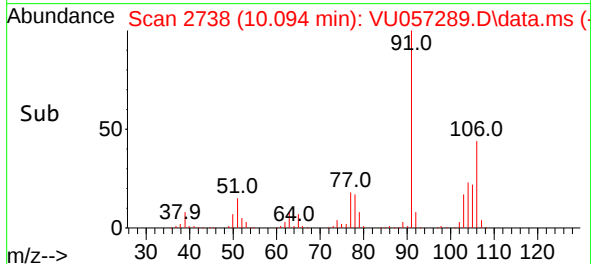
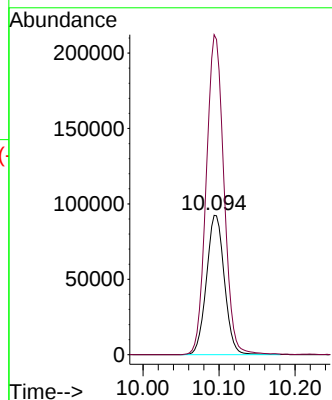
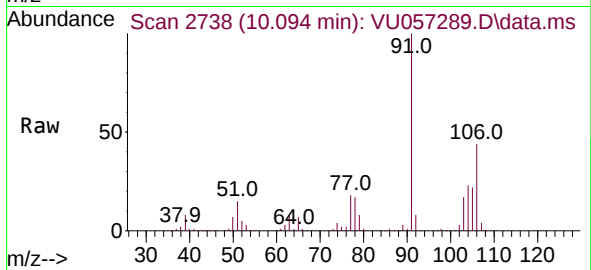




#54
o-Xylene
Concen: 4.955 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

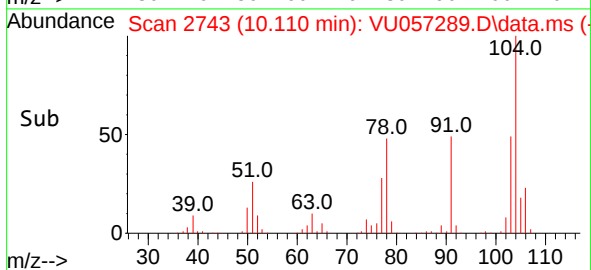
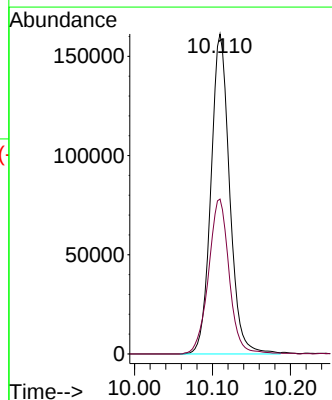
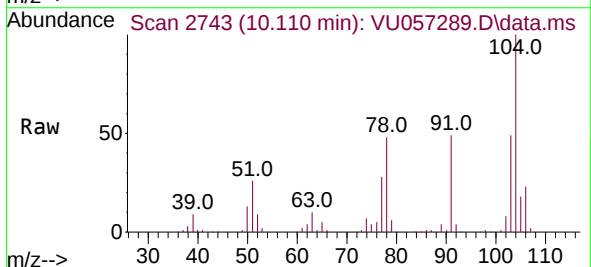
Instrument :
MSVOA_U
ClientSampleId :

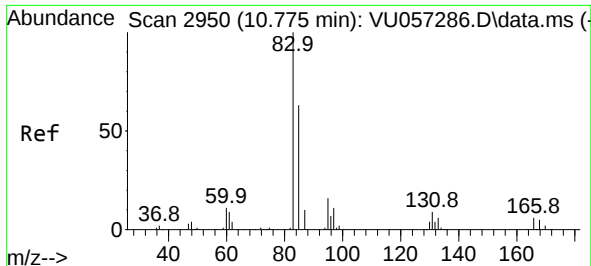
Tgt Ion:106 Resp: 151539
Ion Ratio Lower Upper
106 100
91 229.5 156.0 289.8



#55
Styrene
Concen: 5.235 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion:104 Resp: 269589
Ion Ratio Lower Upper
104 100
78 48.4 36.3 67.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.906 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

ClientSampleId :

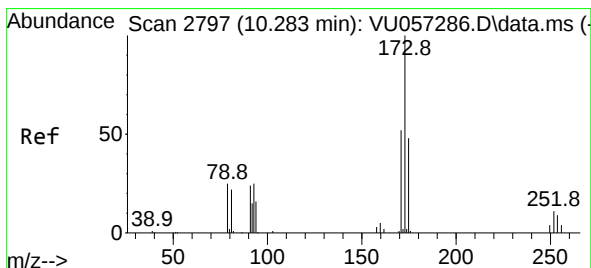
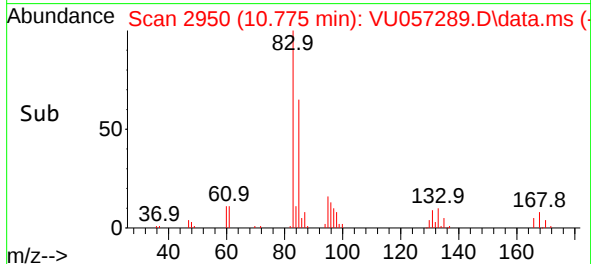
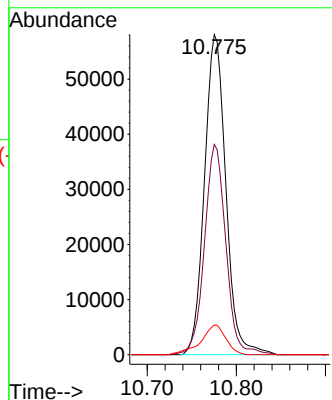
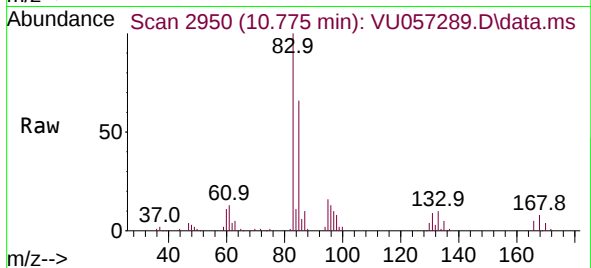
Tgt Ion: 83 Resp: 96719

Ion Ratio Lower Upper

83 100

85 65.7 44.7 83.1

131 9.2 7.7 11.5



#59

Bromoform

Concen: 4.818 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

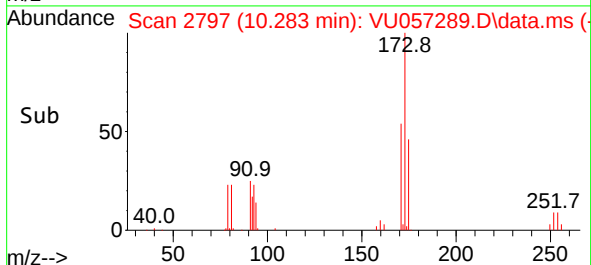
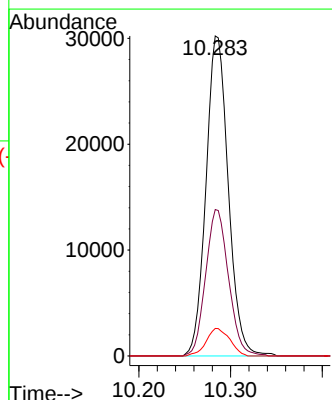
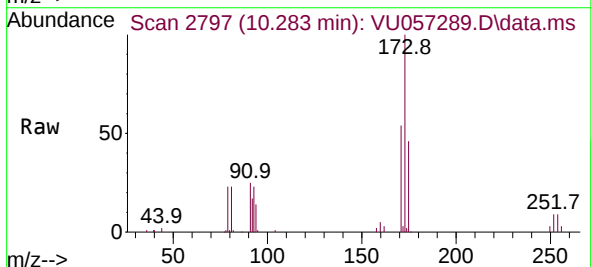
Tgt Ion:173 Resp: 51032

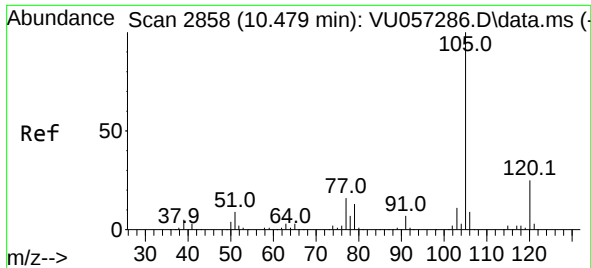
Ion Ratio Lower Upper

173 100

175 46.9 40.2 60.2

254 9.1 6.8 10.2

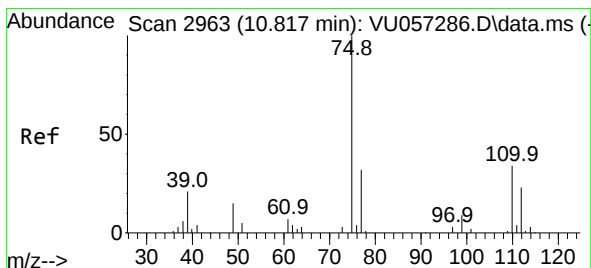
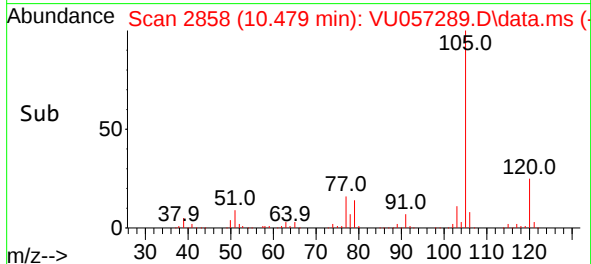
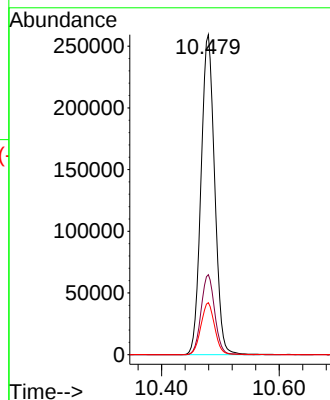
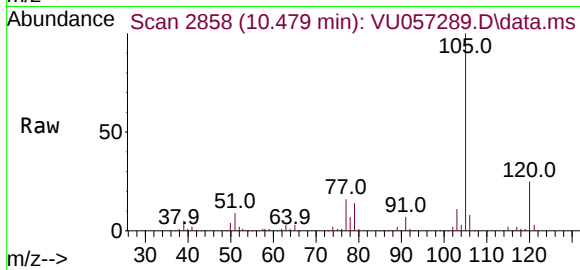




#60
Isopropylbenzene
Concen: 5.023 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

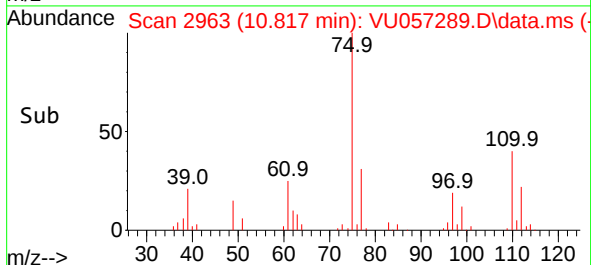
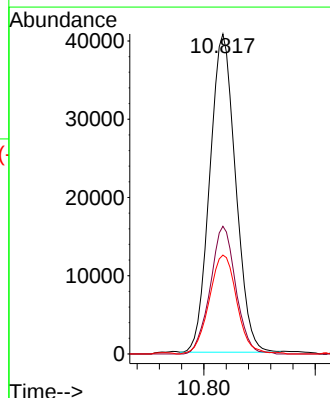
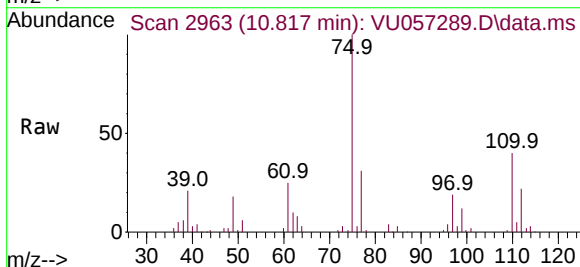
Instrument :
MSVOA_U
ClientSampleId :

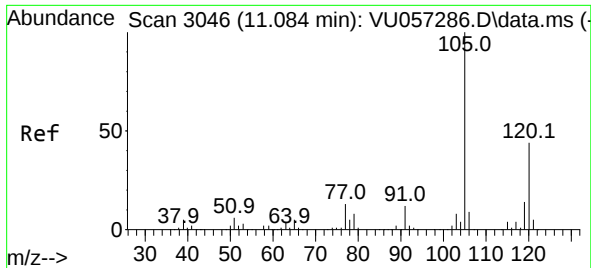
Tgt Ion:105 Resp: 416589
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.4
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.627 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

Tgt Ion: 75 Resp: 65339
Ion Ratio Lower Upper
75 100
110 39.7 29.0 43.6
77 33.2 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.974 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

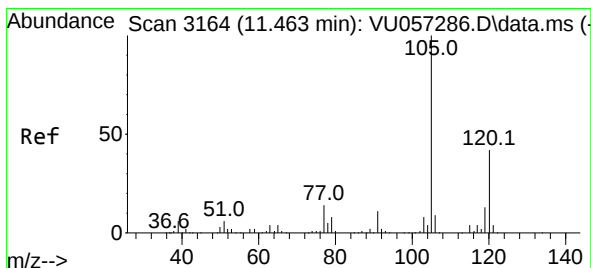
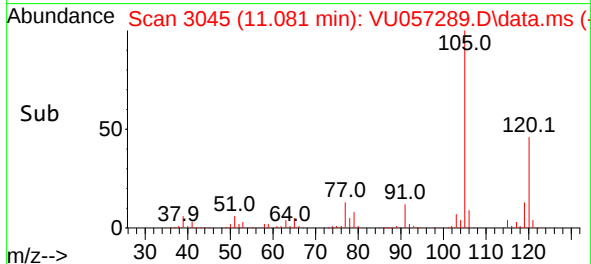
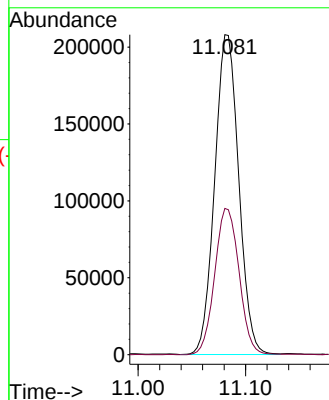
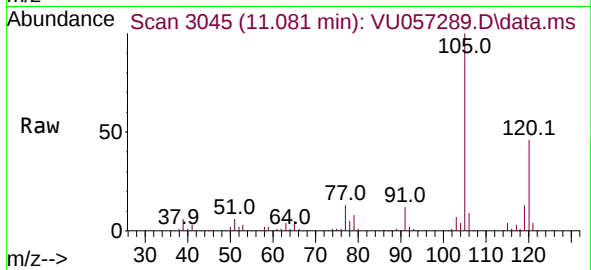
ClientSampleId :

Tgt Ion:105 Resp: 322849

Ion Ratio Lower Upper

105 100

120 46.4 36.0 54.0



#63

1,2,4-Trimethylbenzene

Concen: 5.081 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057289.D

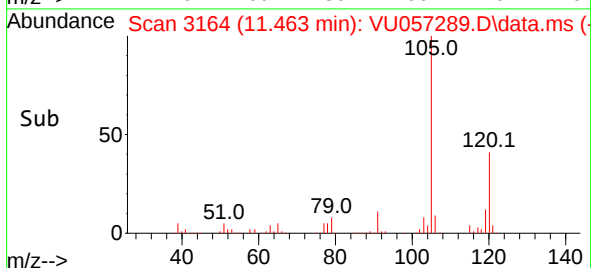
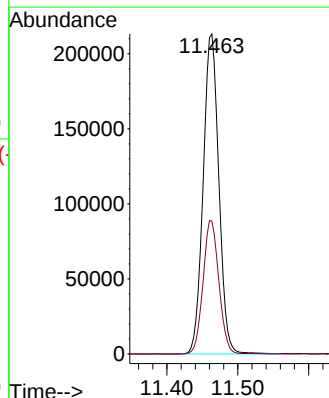
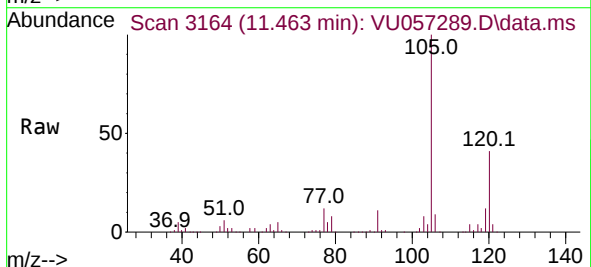
Acq: 27 Dec 2023 19:02

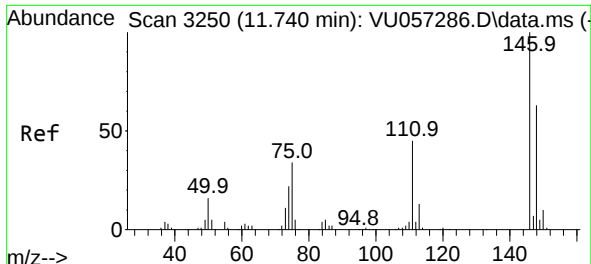
Tgt Ion:105 Resp: 327863

Ion Ratio Lower Upper

105 100

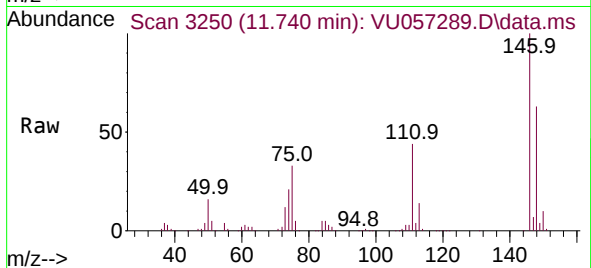
120 41.9 33.5 50.3



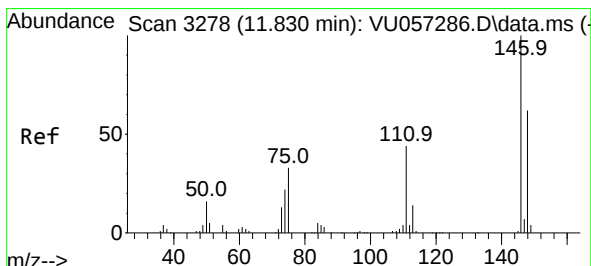
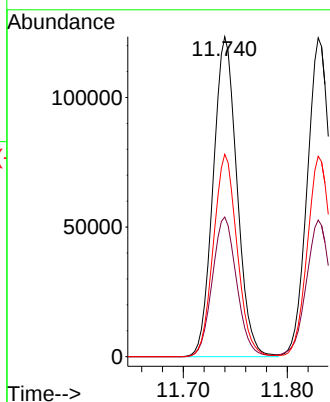
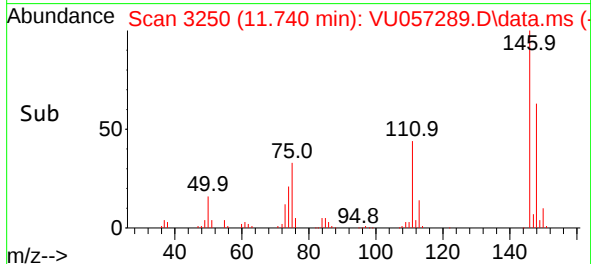


#64
1,3-Dichlorobenzene
Concen: 4.945 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

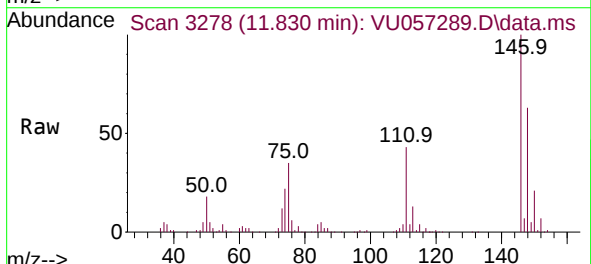
Instrument :
MSVOA_U
ClientSampleId :



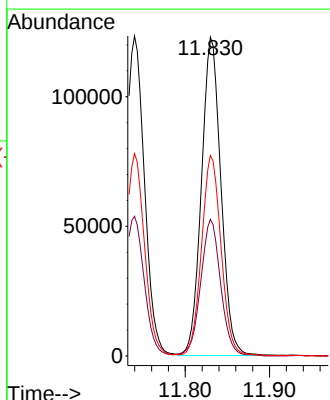
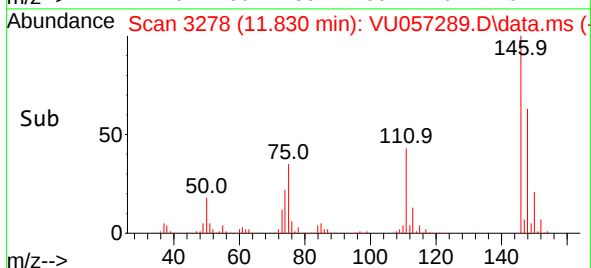
Tgt Ion:146 Resp: 197088
Ion Ratio Lower Upper
146 100
111 43.6 31.4 58.2
148 63.3 44.3 82.3

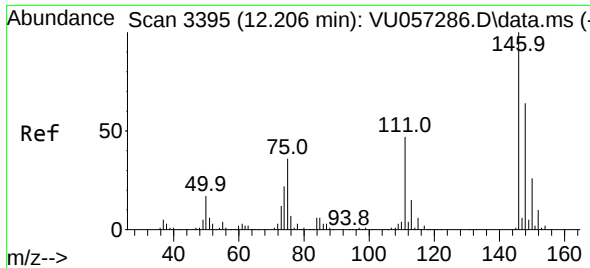


#65
1,4-Dichlorobenzene
Concen: 4.873 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02



Tgt Ion:146 Resp: 197693
Ion Ratio Lower Upper
146 100
111 42.8 30.9 57.3
148 62.9 43.4 80.6

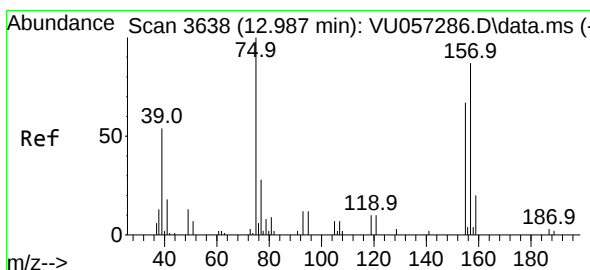
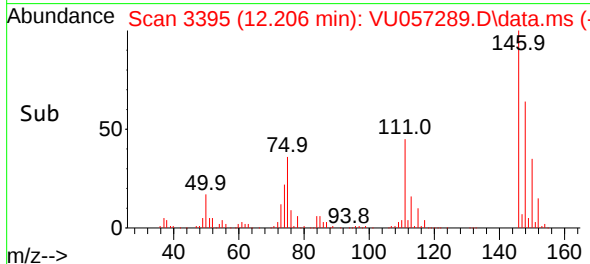
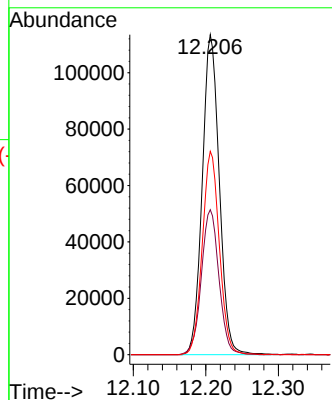
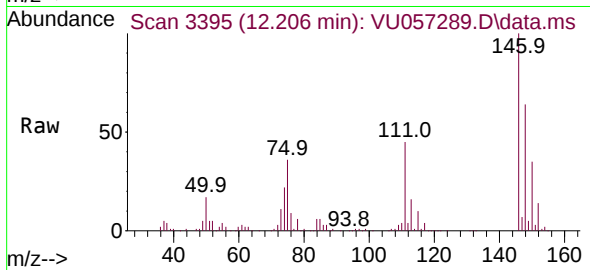




#67
1,2-Dichlorobenzene
Concen: 4.843 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

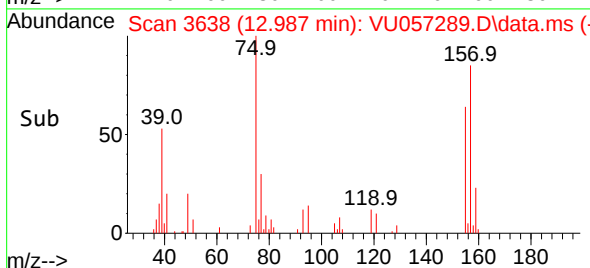
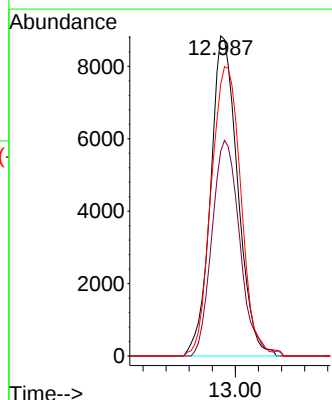
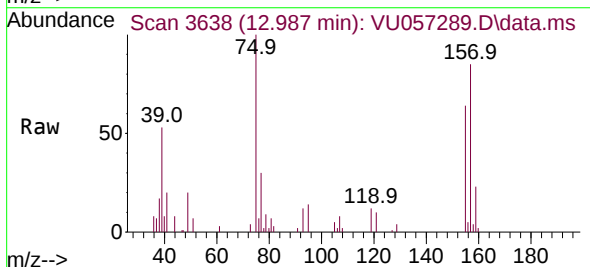
Instrument :
MSVOA_U
ClientSampleId :

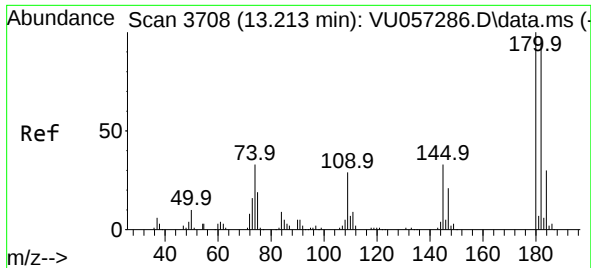
Tgt Ion:146 Resp: 185570
Ion Ratio Lower Upper
146 100
111 45.3 37.8 56.8
148 63.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.634 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU057289.D
Acq: 27 Dec 2023 19:02

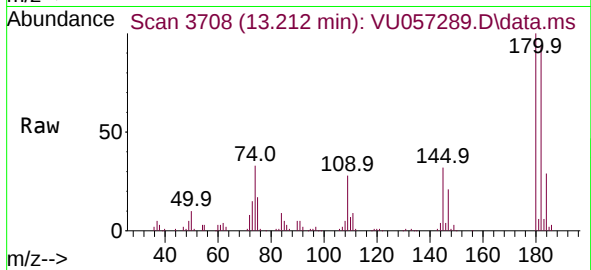
Tgt Ion: 75 Resp: 14391
Ion Ratio Lower Upper
75 100
155 64.0 53.8 80.8
157 84.8 69.7 104.5



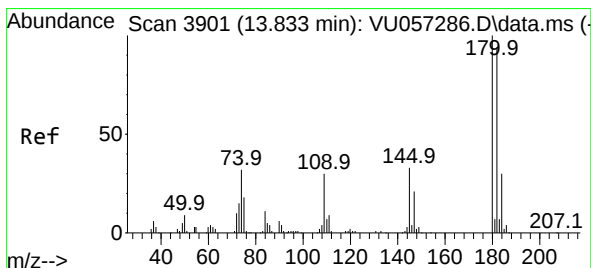
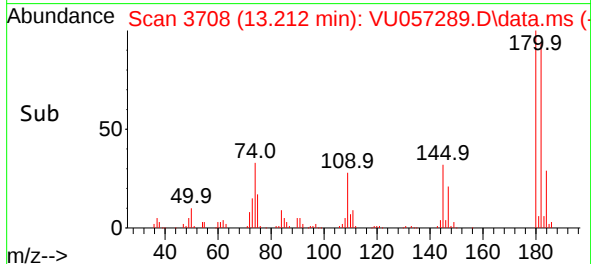
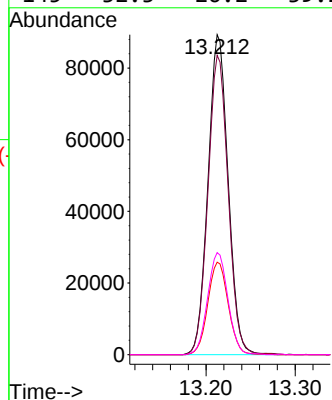


#69
 1,3,5-Trichlorobenzene
 Concen: 4.903 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU057289.D
 Acq: 27 Dec 2023 19:02

Instrument :
 MSVOA_U
 ClientSampleId :

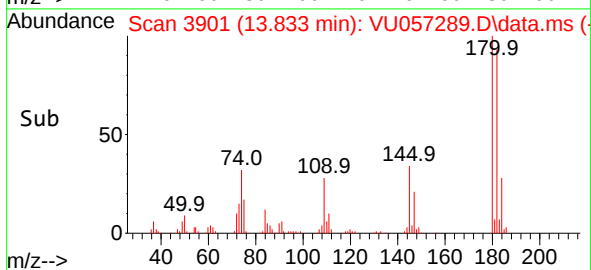
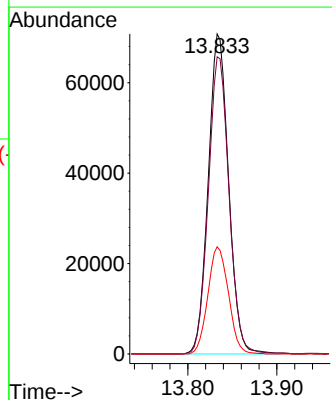
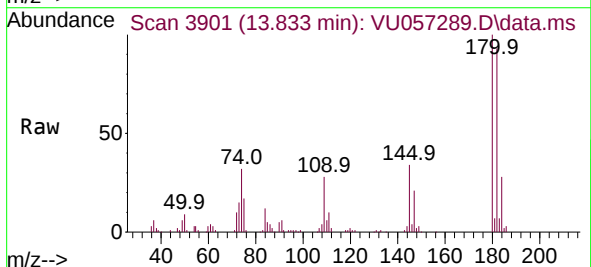


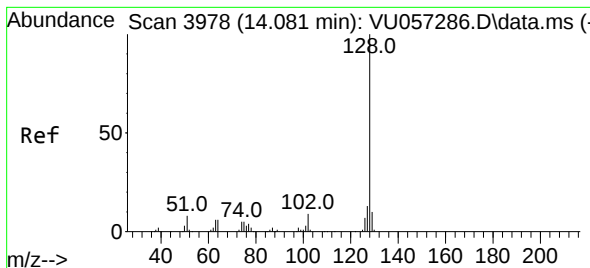
Tgt Ion:180 Resp: 139928
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.3 114.5
 184 29.4 23.6 35.4
 145 32.3 26.2 39.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.956 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU057289.D
 Acq: 27 Dec 2023 19:02

Tgt Ion:180 Resp: 112237
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.2 114.4
 145 33.8 26.7 40.1





#71

Naphthalene

Concen: 5.101 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Instrument :

MSVOA_U

ClientSampleId :

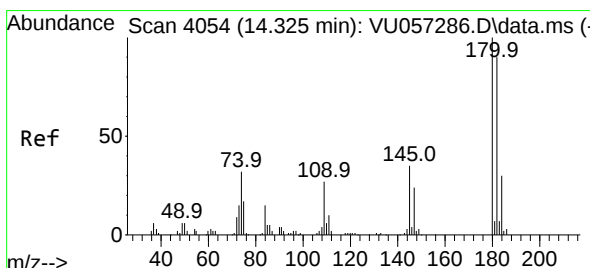
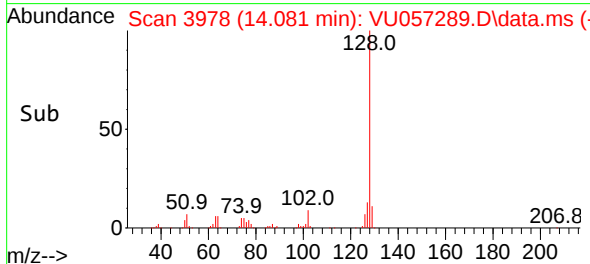
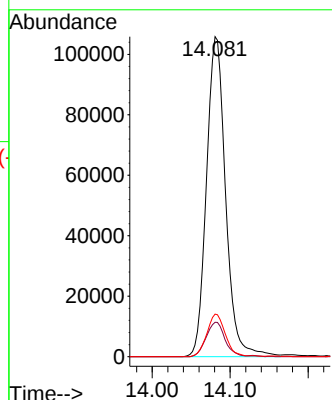
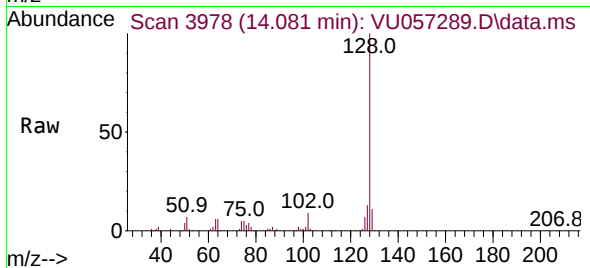
Tgt Ion:128 Resp: 180568

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 13.0 9.8 14.6



#72

1,2,3-Trichlorobenzene

Concen: 5.161 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU057289.D

Acq: 27 Dec 2023 19:02

Tgt Ion:180 Resp: 101890

Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

145 35.0 28.0 42.0

