

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092723\
 Data File : U055569.D
 Acq On : 27 Sep 2023 22:27
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 23:40:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215314	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	218157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	131820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95010	4.366	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.911	69	77403	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.563	65	36653	4.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.624	46	169042	43.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.020%
24) Chloroform-d	5.058	84	172183	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.698	65	79922	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.724	84	332660	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.685	67	100390	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.894	98	310724	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	36302	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	100735	41.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78880	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	109500	4.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	94238	4.496	ug/L	98
3) Chloromethane	1.518	50	92814	5.033	ug/L	99
5) Vinyl chloride	1.602	62	103378	5.196	ug/L	97
6) Bromomethane	1.856	94	61630	4.877	ug/L	99
8) Chloroethane	1.933	64	66570	5.128	ug/L	97
9) Trichlorofluoromethane	2.136	101	140514	5.093	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	81296	4.843	ug/L	99
12) 1,1-Dichloroethene	2.576	96	75194	4.995	ug/L	98
13) Acetone	2.637	43	100139	44.693	ug/L	100
14) Carbon disulfide	2.792	76	229888	5.080	ug/L	98
15) Methyl Acetate	2.952	43	24756	4.846	ug/L	100
16) Methylene chloride	3.042	84	95927	5.319	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	163197	4.997	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	77288	5.094	ug/L	99
19) 1,1-Dichloroethane	3.866	63	145596	5.189	ug/L	97
21) 2-Butanone	4.708	43	162530	49.458	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	86749	4.931	ug/L	97
23) Bromochloromethane	4.968	128	38854	5.225	ug/L	98
25) Chloroform	5.084	83	155256	5.225	ug/L	98

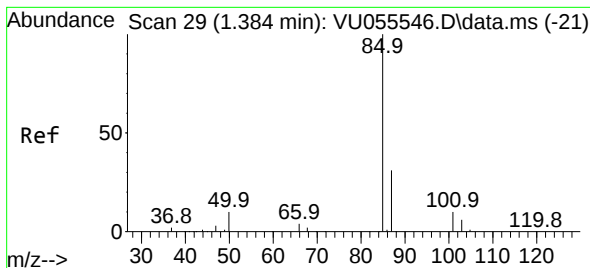
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	90961	4.992	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	133797	5.380	ug/L	100
30) Cyclohexane	5.386	56	112588	4.945	ug/L	97
31) Carbon tetrachloride	5.521	117	115919	5.438	ug/L	98
33) Benzene	5.772	78	332920	5.302	ug/L	100
34) Trichloroethene	6.541	95	91155	5.132	ug/L	97
35) Methylcyclohexane	6.759	83	125700	4.913	ug/L	99
37) 1,2-Dichloropropane	6.788	63	86465	5.265	ug/L	100
38) Bromodichloromethane	7.103	83	103845	5.396	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	117323	5.353	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	405359	54.418	ug/L	99
42) Toluene	7.965	91	358384	5.351	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	92645	5.283	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	62180	5.401	ug/L	98
47) Tetrachloroethene	8.550	164	68173	5.351	ug/L	98
48) 2-Hexanone	8.682	43	303485	52.569	ug/L	97
49) Dibromochloromethane	8.808	129	67084	5.558	ug/L	99
50) 1,2-Dibromoethane	8.920	107	56171	5.257	ug/L #	99
51) Chlorobenzene	9.444	112	224171	5.226	ug/L	98
52) Ethylbenzene	9.566	91	377895	5.263	ug/L	98
53) m,p-Xylene	9.692	106	146589	5.448	ug/L	97
54) o-Xylene	10.097	106	138274	5.286	ug/L	95
55) Styrene	10.113	104	236508	5.591	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	71384	5.492	ug/L	97
59) Bromoform	10.287	173	38785	5.489	ug/L	97
60) Isopropylbenzene	10.483	105	375875	4.948	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	49527	4.813	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	292462	4.814	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	289573	4.869	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	188829	5.191	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	188009	5.172	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	172184	5.163	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	9312	5.221	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	125676	5.017	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	100470	5.261	ug/L	99
71) Naphthalene	14.084	128	147306	5.328	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	88416	5.321	ug/L	99

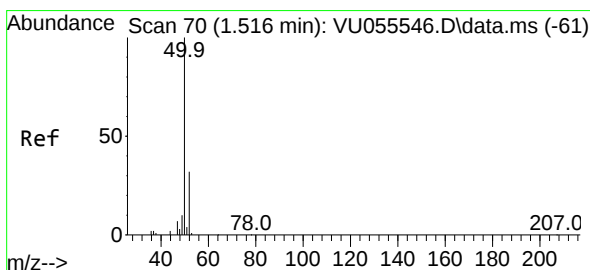
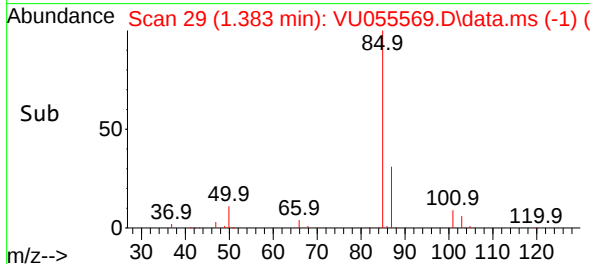
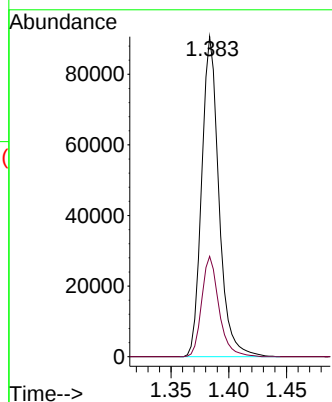
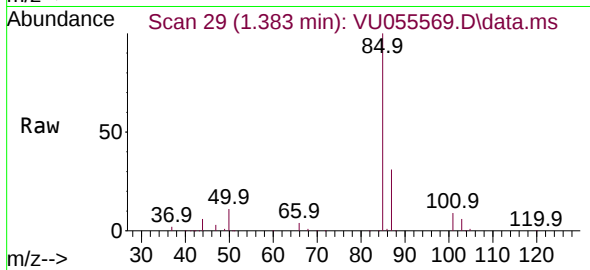
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.496 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

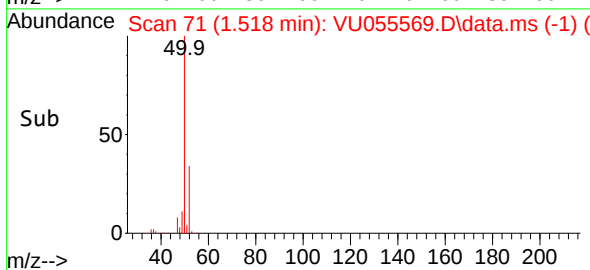
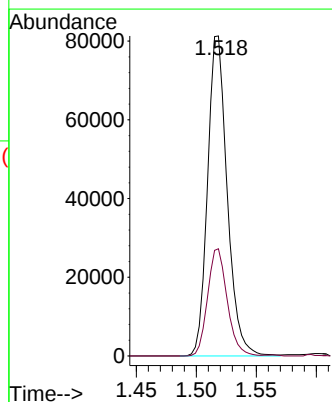
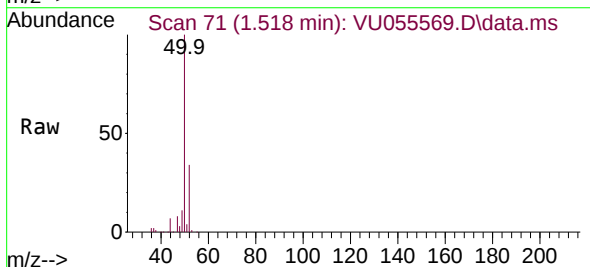
Instrument :
 MSVOA_U
 ClientSampleId :

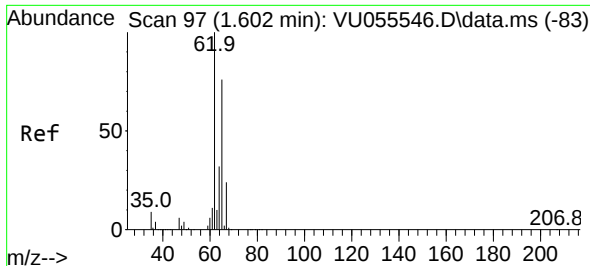
Tgt Ion: 85 Resp: 94238
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.0 39.0



#3
 Chloromethane
 Concen: 5.033 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

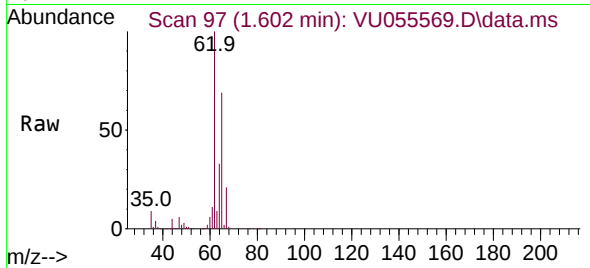
Tgt Ion: 50 Resp: 92814
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.9 42.5



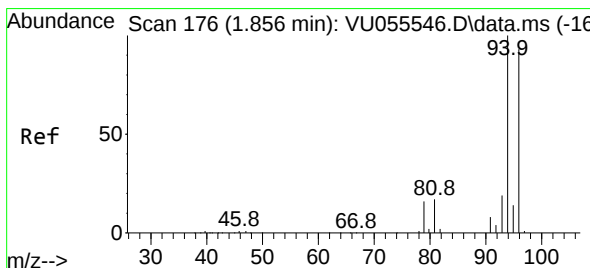
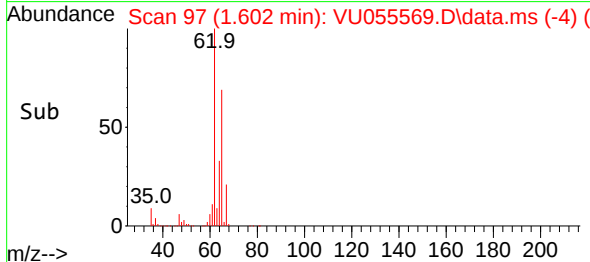
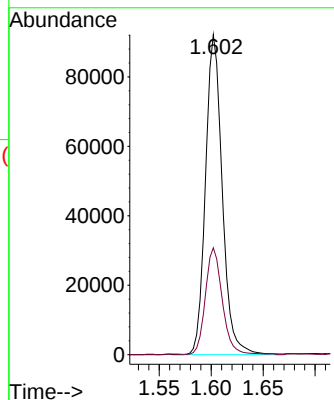


#5
 Vinyl chloride
 Concen: 5.196 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

Instrument :
 MSVOA_U
 ClientSampleId :

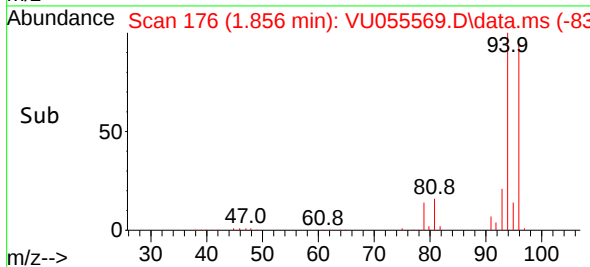
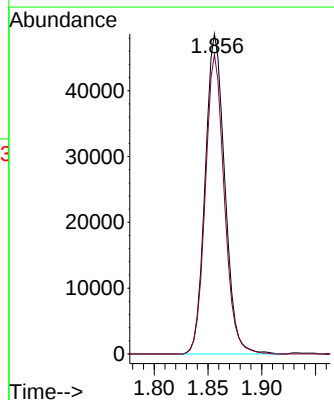
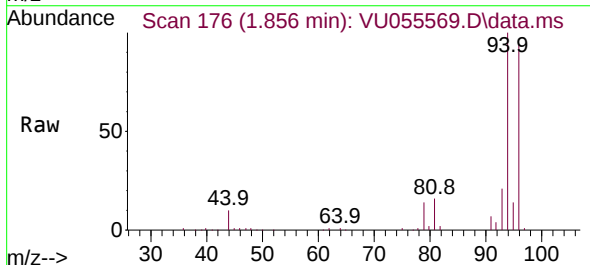


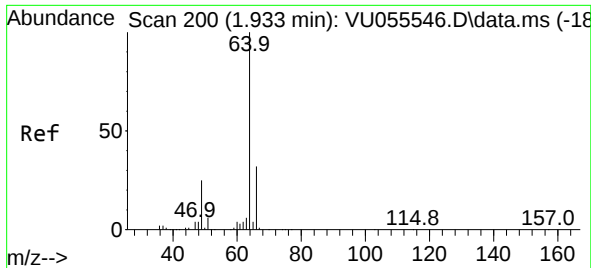
Tgt Ion: 62 Resp: 103378
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.3 41.5



#6
 Bromomethane
 Concen: 4.877 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

Tgt Ion: 94 Resp: 61630
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.4 123.2

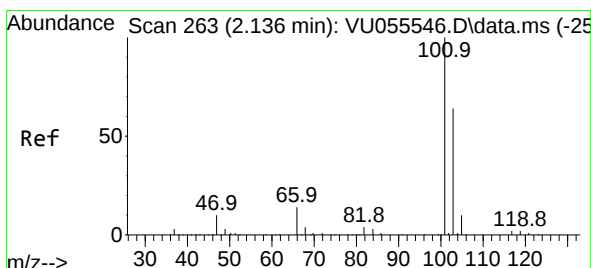
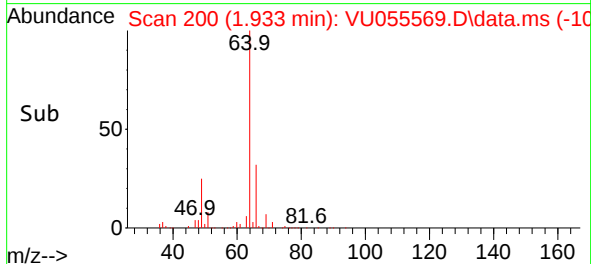
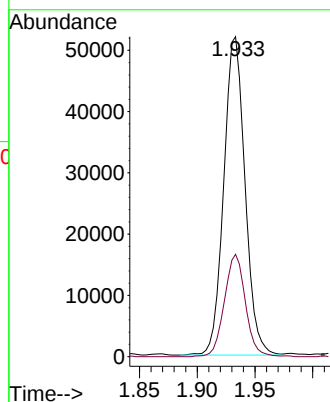
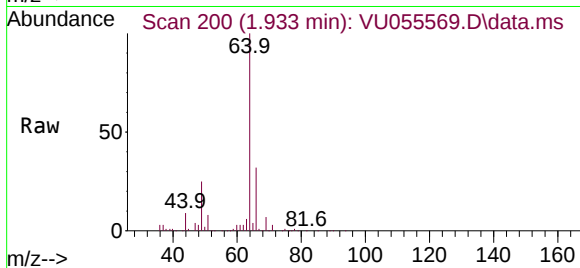




#8
Chloroethane
Concen: 5.128 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

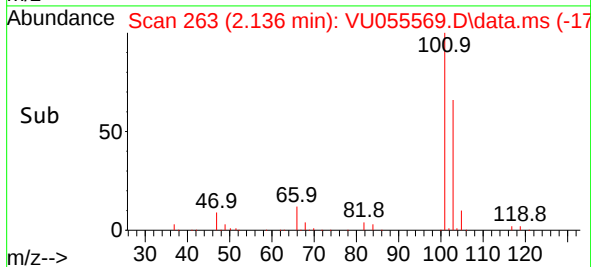
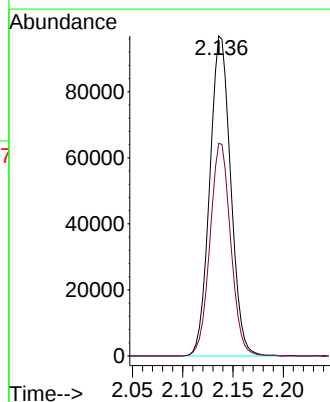
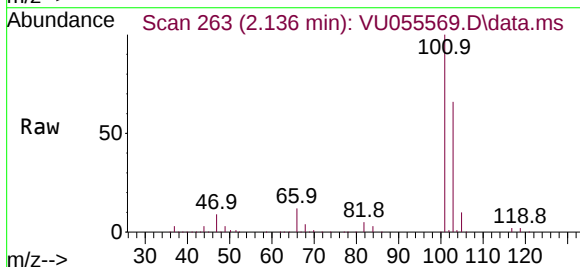
Instrument :
MSVOA_U
ClientSampleId :

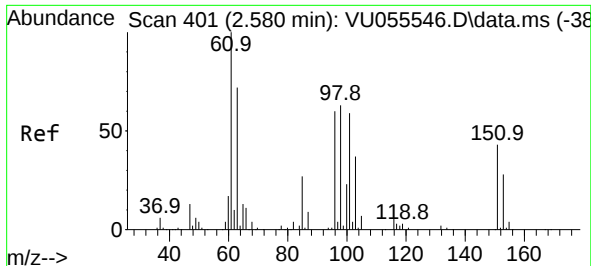
Tgt Ion: 64 Resp: 66570
Ion Ratio Lower Upper
64 100
66 32.0 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.093 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion:101 Resp: 140514
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0

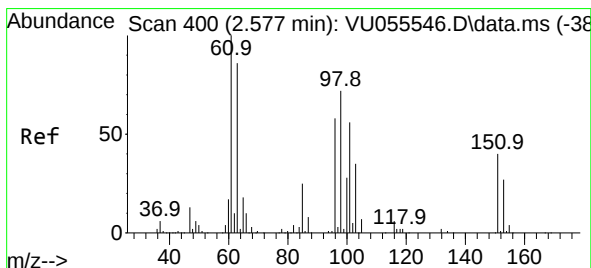
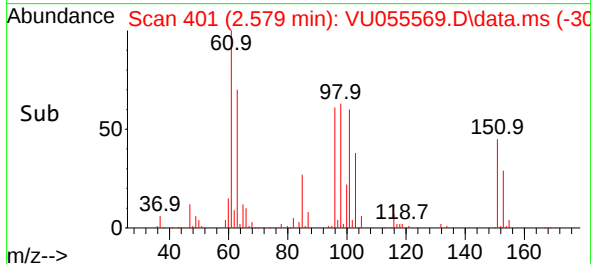
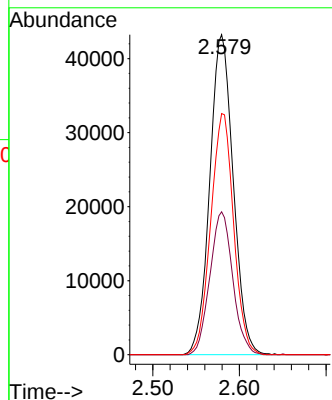
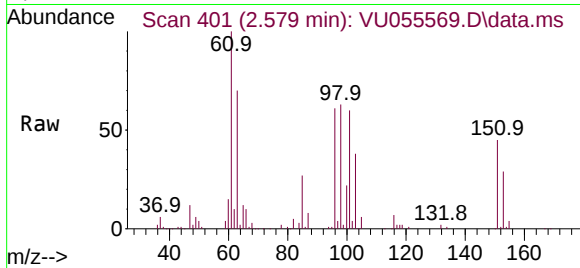




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.843 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

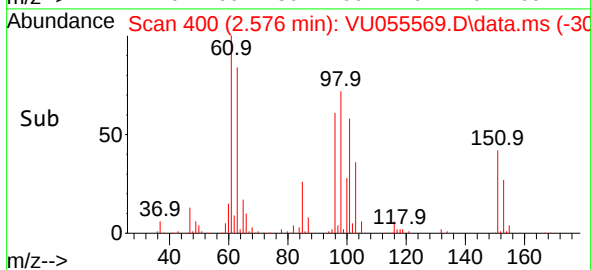
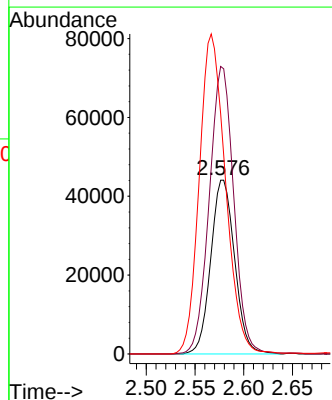
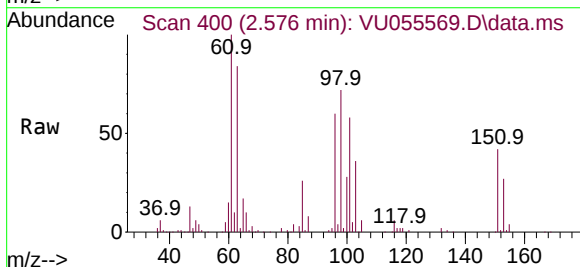
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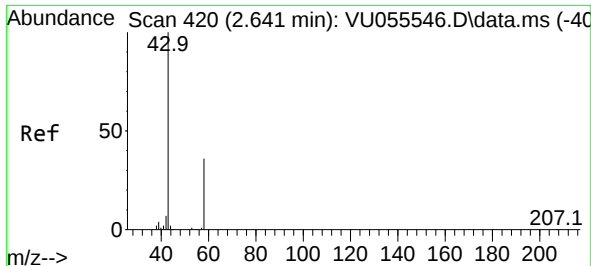
Tgt Ion:101 Resp: 81296
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.8 53.6
 151 73.5 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.995 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

Tgt Ion: 96 Resp: 75194
 Ion Ratio Lower Upper
 96 100
 61 165.4 114.5 212.7
 63 138.1 98.3 182.5





#13

Acetone

Concen: 44.693 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

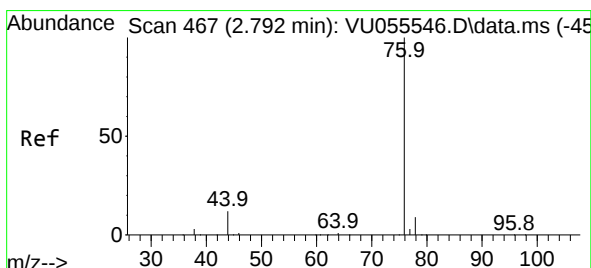
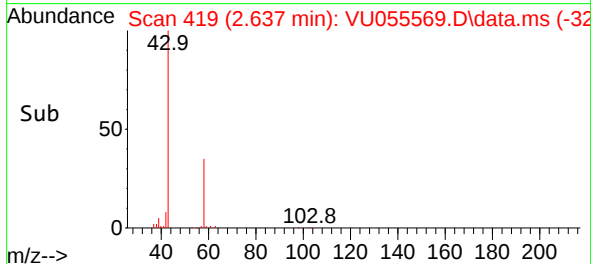
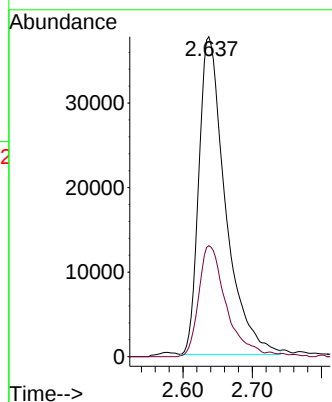
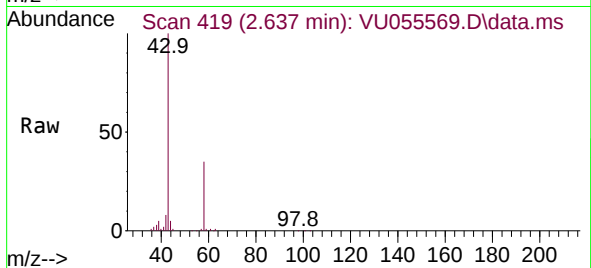
ClientSampleId :

Tgt Ion: 43 Resp: 100139

Ion Ratio Lower Upper

43 100

58 35.8 0.0 72.2



#14

Carbon disulfide

Concen: 5.080 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055569.D

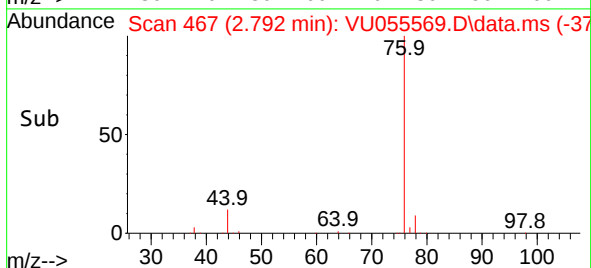
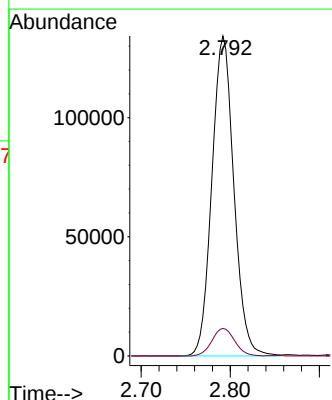
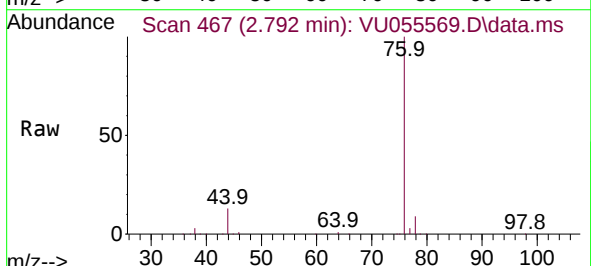
Acq: 27 Sep 2023 22:27

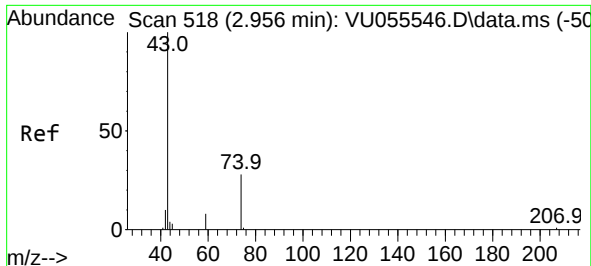
Tgt Ion: 76 Resp: 229888

Ion Ratio Lower Upper

76 100

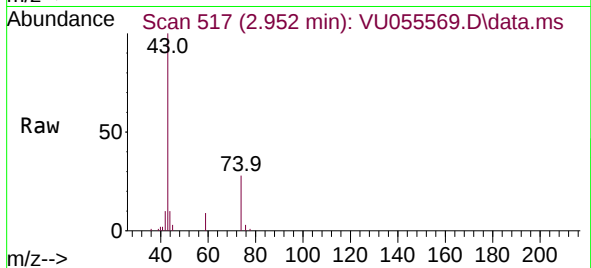
78 8.8 7.7 11.5



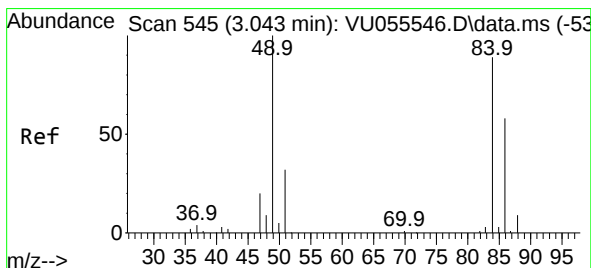
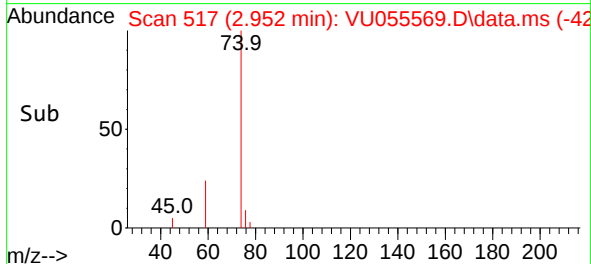
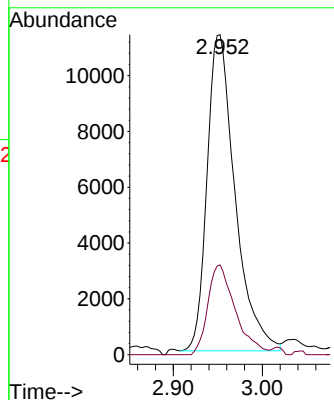


#15
Methyl Acetate
Concen: 4.846 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.004 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Instrument :
MSVOA_U
ClientSampleId :

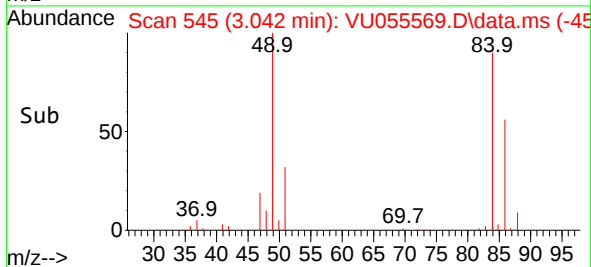
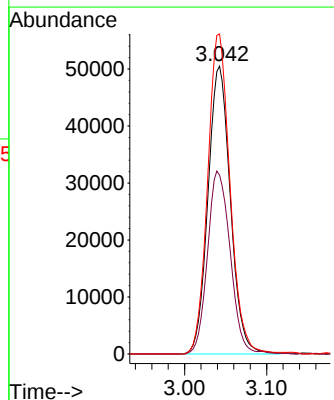
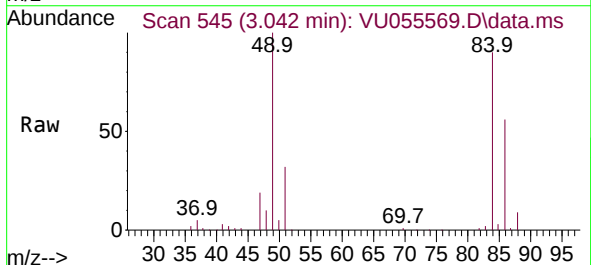


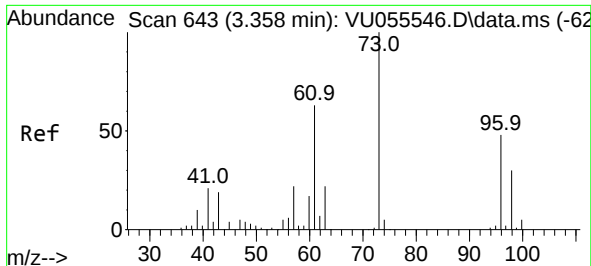
Tgt Ion: 43 Resp: 24756
Ion Ratio Lower Upper
43 100
74 27.8 22.3 33.5



#16
Methylene chloride
Concen: 5.319 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion: 84 Resp: 95927
Ion Ratio Lower Upper
84 100
86 62.2 44.9 83.3
49 111.2 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 4.997 ug/L

RT: 3.358 min Scan# 643

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :

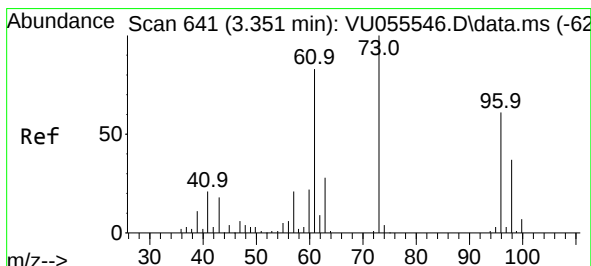
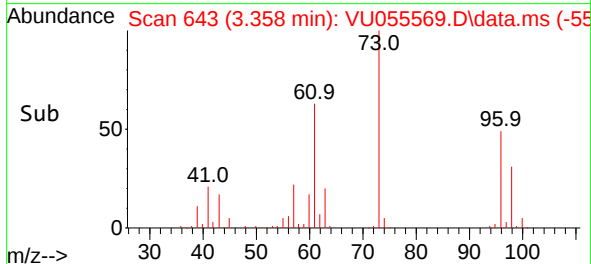
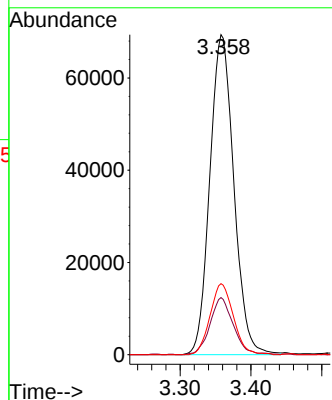
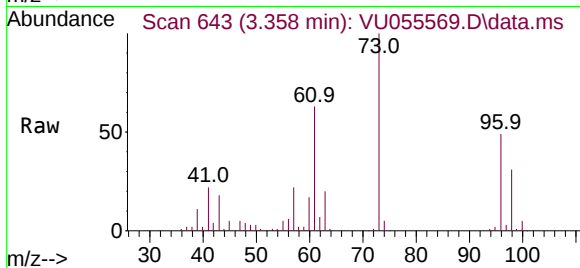
Tgt Ion: 73 Resp: 163197

Ion Ratio Lower Upper

73 100

43 17.2 14.9 22.3

57 21.5 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 5.094 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

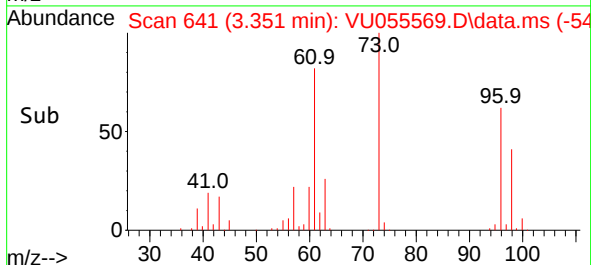
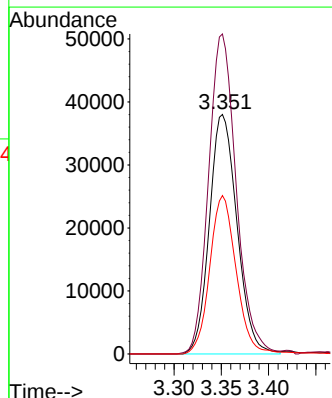
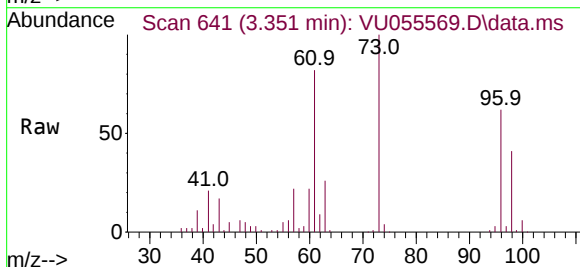
Tgt Ion: 96 Resp: 77288

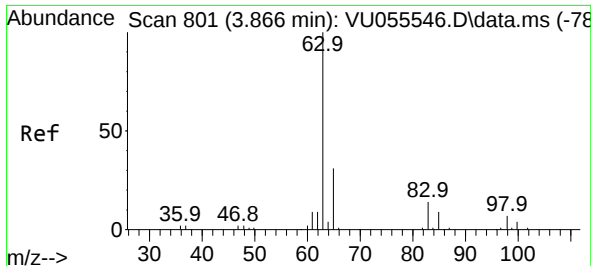
Ion Ratio Lower Upper

96 100

61 133.6 94.6 175.6

98 66.1 45.7 84.9

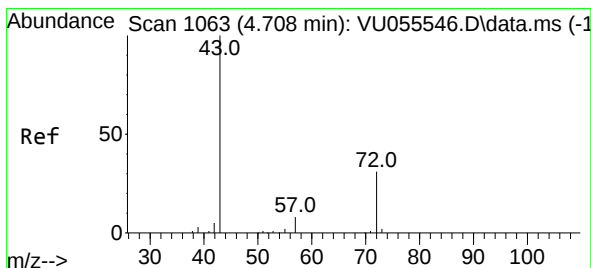
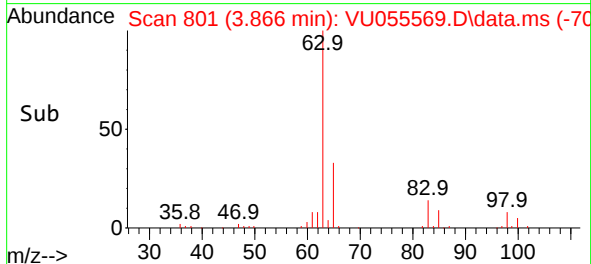
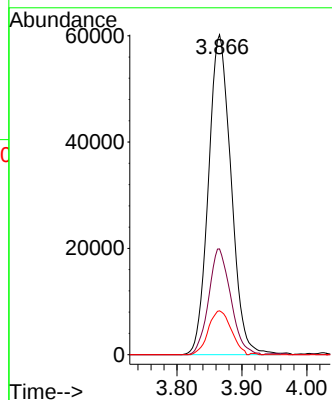
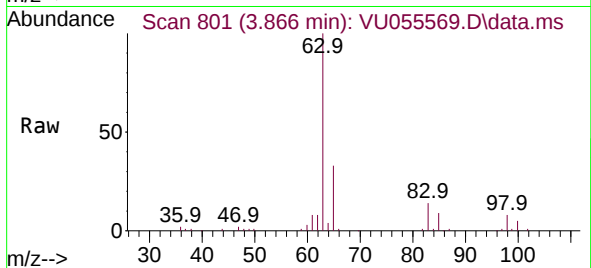




#19
1,1-Dichloroethane
Concen: 5.189 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

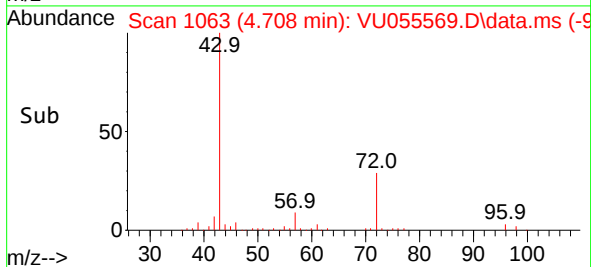
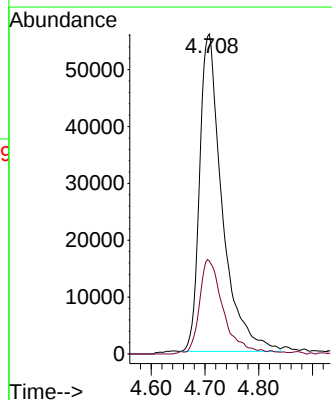
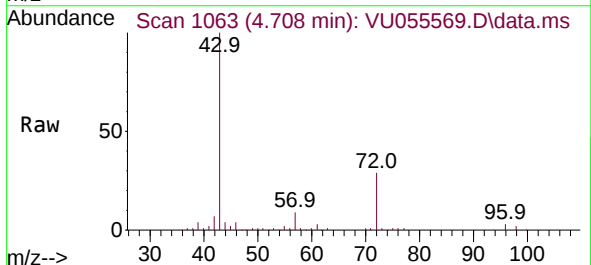
Instrument :
MSVOA_U
ClientSampleId :

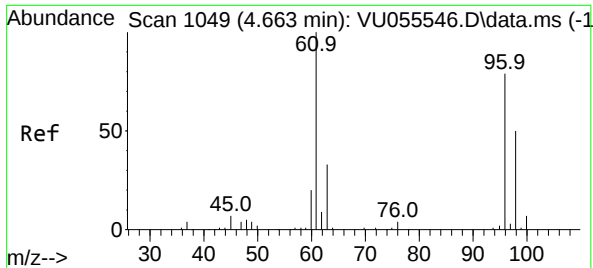
Tgt Ion: 63 Resp: 145596
Ion Ratio Lower Upper
63 100
65 33.1 22.0 41.0
83 13.7 10.1 18.9



#21
2-Butanone
Concen: 49.458 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

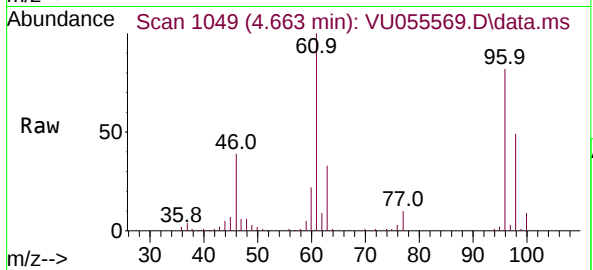
Tgt Ion: 43 Resp: 162530
Ion Ratio Lower Upper
43 100
72 29.2 15.1 45.3





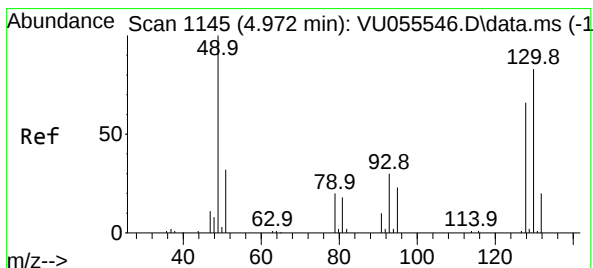
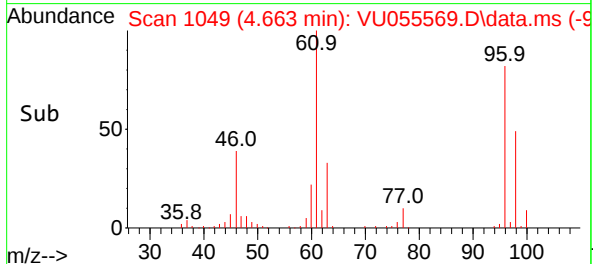
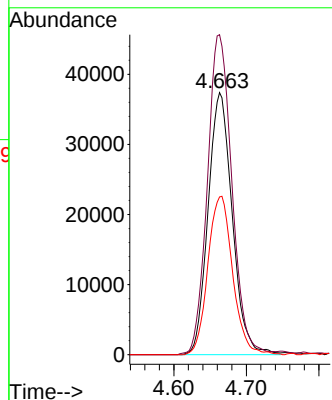
#22
 cis-1,2-Dichloroethene
 Concen: 4.931 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 86749

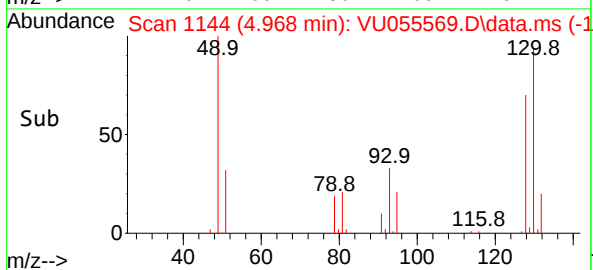
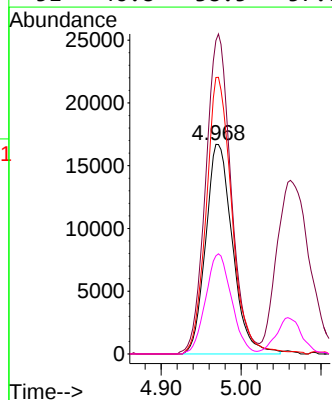
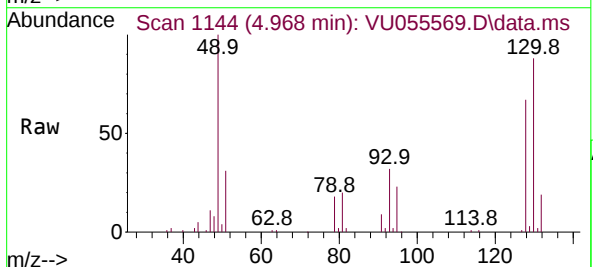
Ion	Ratio	Lower	Upper
96	100		
61	122.1	87.8	163.2
98	60.2	44.4	82.4

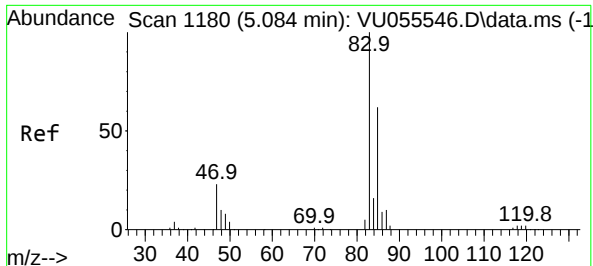


#23
 Bromochloromethane
 Concen: 5.225 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

Tgt Ion: 128 Resp: 38854

Ion	Ratio	Lower	Upper
128	100		
49	149.5	102.8	191.0
130	131.9	89.9	166.9
51	46.8	38.5	57.7





#25

Chloroform

Concen: 5.225 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

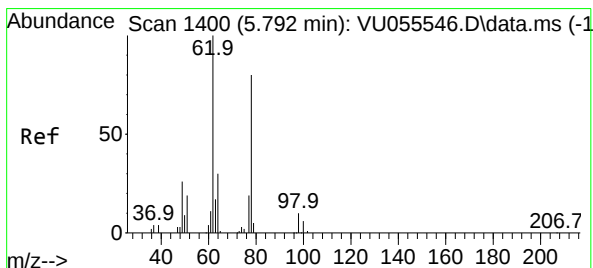
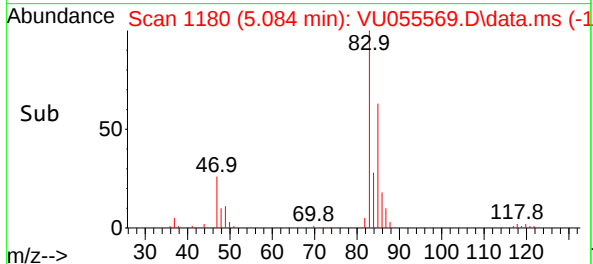
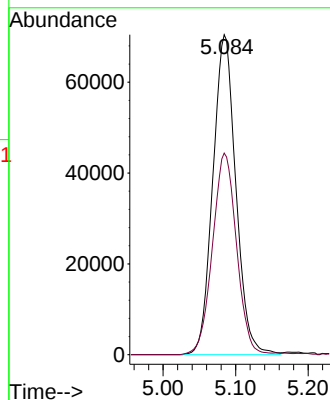
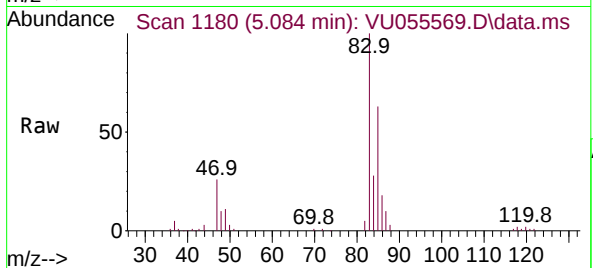
ClientSampleId :

Tgt Ion: 83 Resp: 155256

Ion Ratio Lower Upper

83 100

85 63.0 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.992 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055569.D

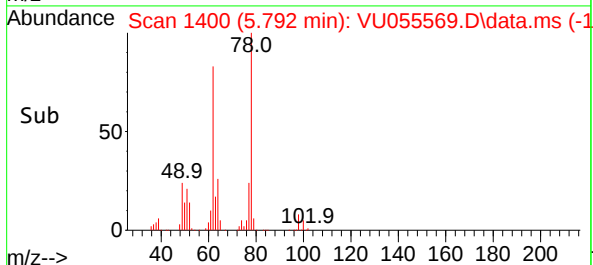
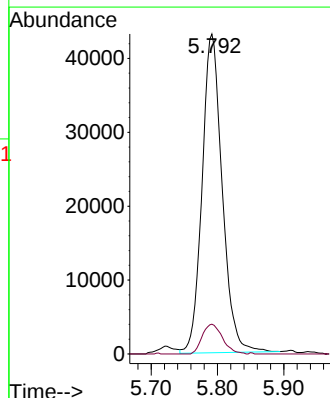
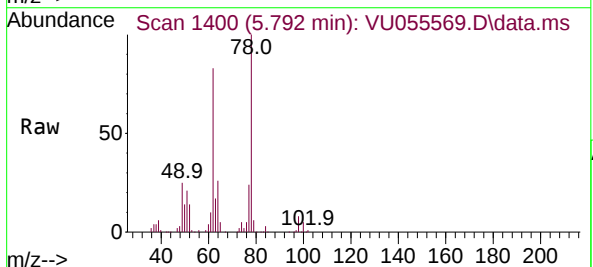
Acq: 27 Sep 2023 22:27

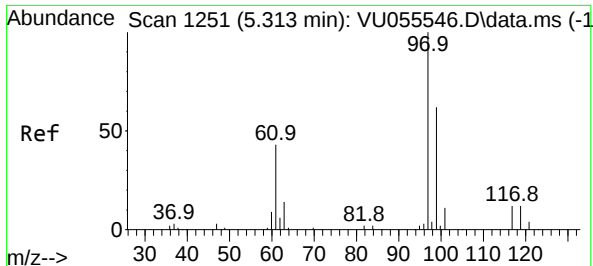
Tgt Ion: 62 Resp: 90961

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.380 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :

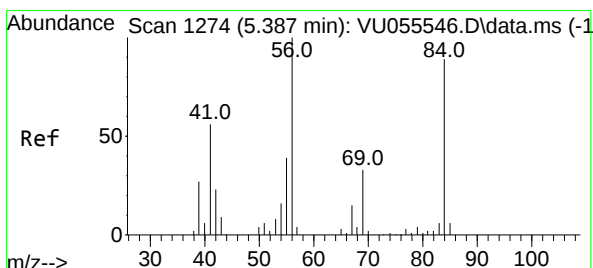
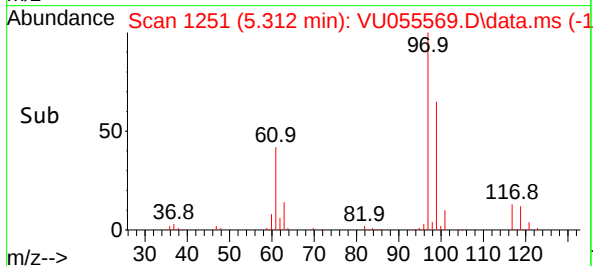
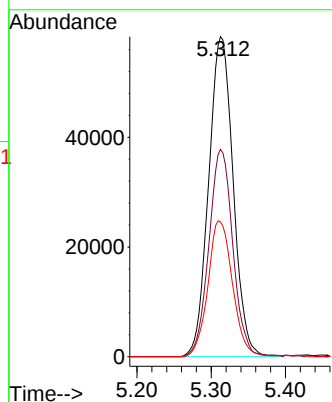
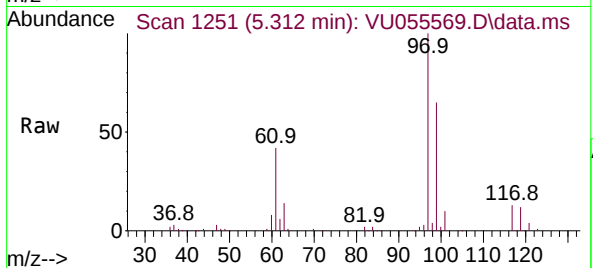
Tgt Ion: 97 Resp: 133797

Ion Ratio Lower Upper

97 100

99 63.3 50.7 76.1

61 42.6 34.6 51.8



#30

Cyclohexane

Concen: 4.945 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

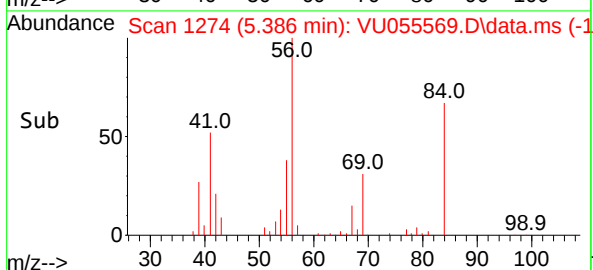
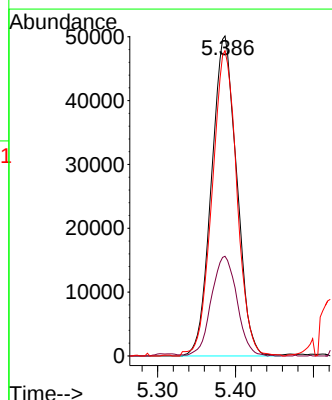
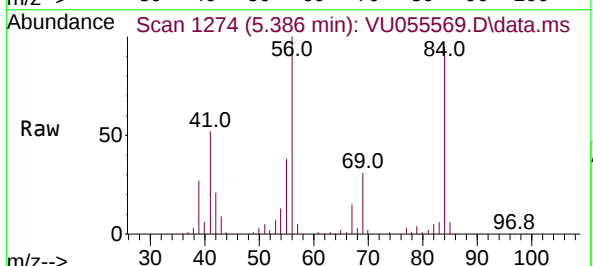
Tgt Ion: 56 Resp: 112588

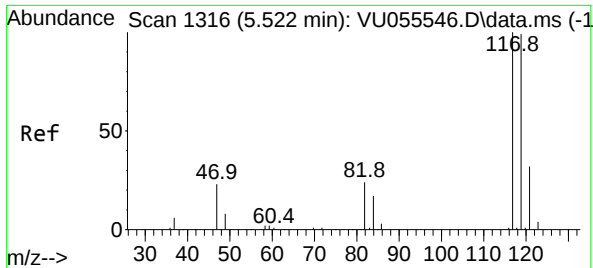
Ion Ratio Lower Upper

56 100

69 31.7 26.5 39.7

84 94.0 72.6 108.8

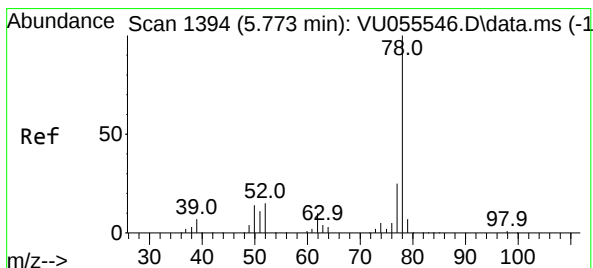
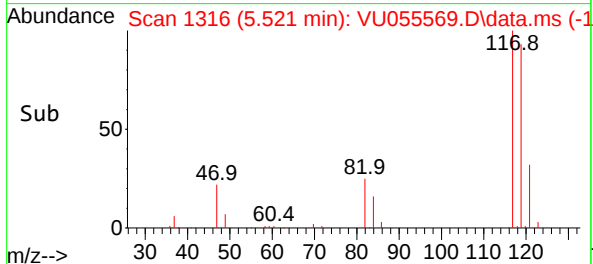
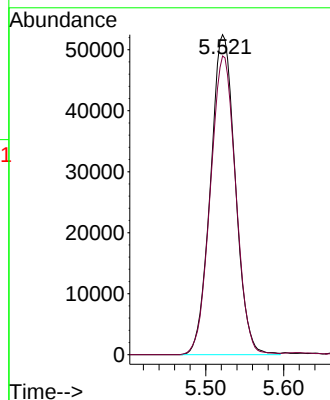
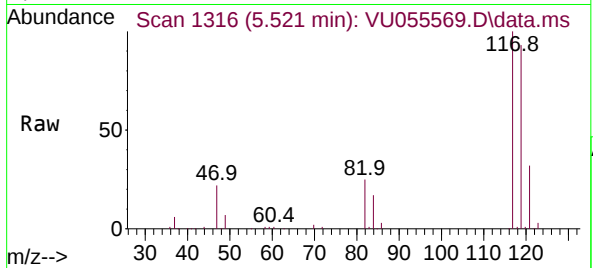




#31
Carbon tetrachloride
Concen: 5.438 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

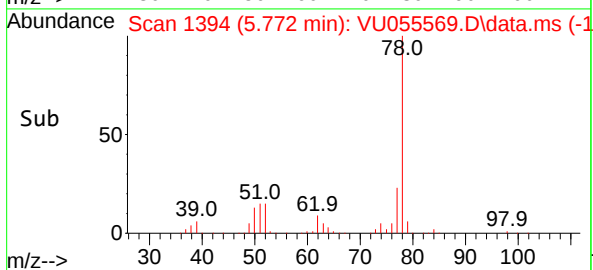
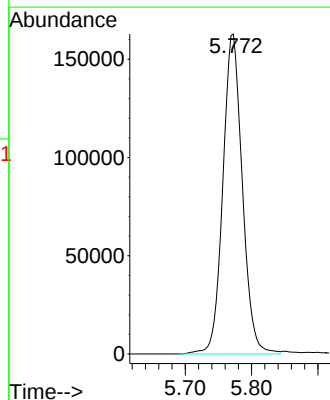
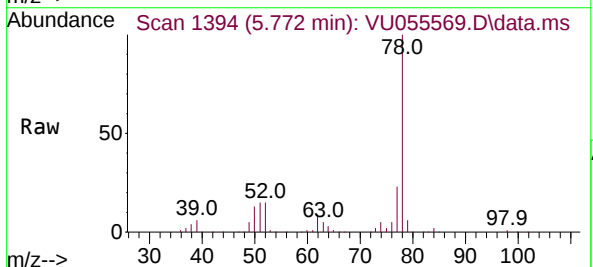
Instrument :
MSVOA_U
ClientSampleId :

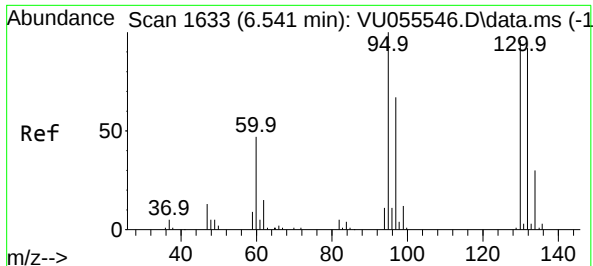
Tgt Ion:117 Resp: 115919
Ion Ratio Lower Upper
117 100
119 95.5 75.2 112.8



#33
Benzene
Concen: 5.302 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion: 78 Resp: 332920

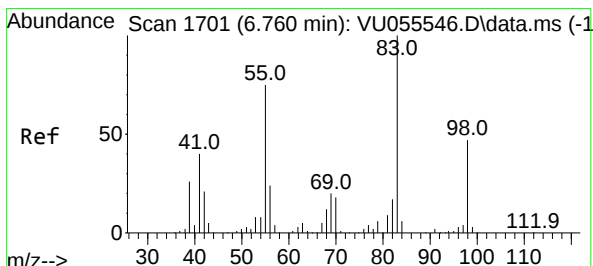
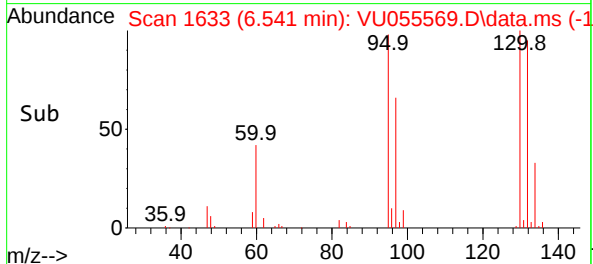
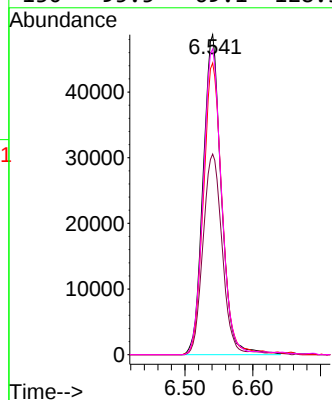
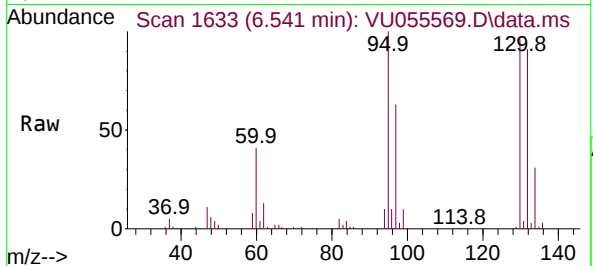




#34
Trichloroethene
Concen: 5.132 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

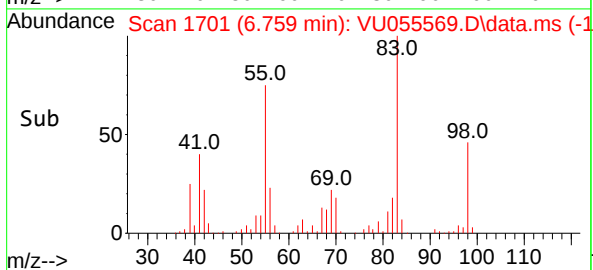
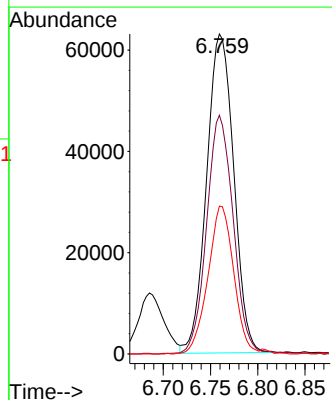
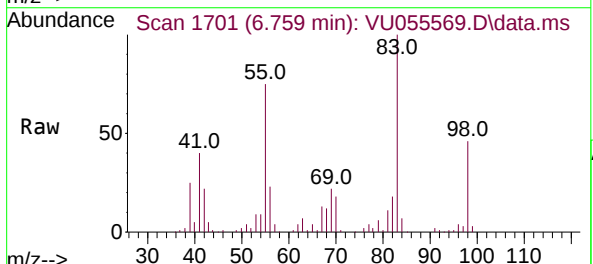
Instrument :
MSVOA_U
ClientSampleId :

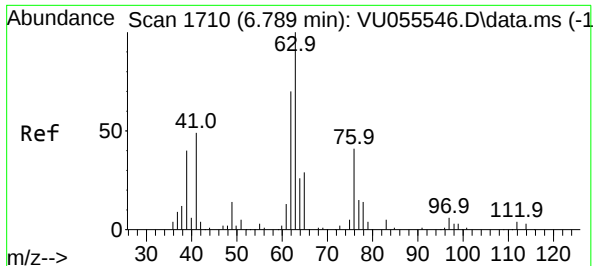
Tgt Ion: 95 Resp: 91155
Ion Ratio Lower Upper
95 100
97 62.7 45.4 84.2
132 91.2 65.2 121.2
130 95.5 69.1 128.3



#35
Methylcyclohexane
Concen: 4.913 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion: 83 Resp: 125700
Ion Ratio Lower Upper
83 100
55 73.8 59.1 88.7
98 44.0 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.265 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

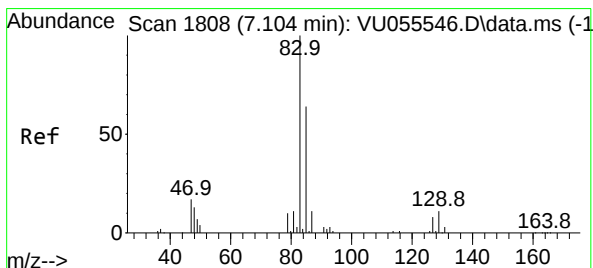
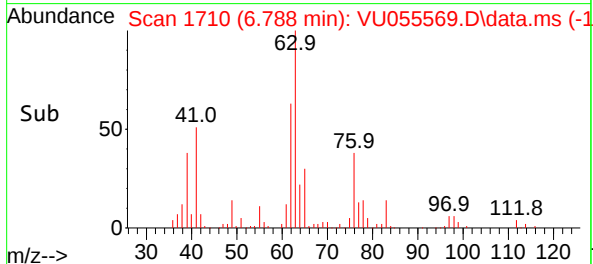
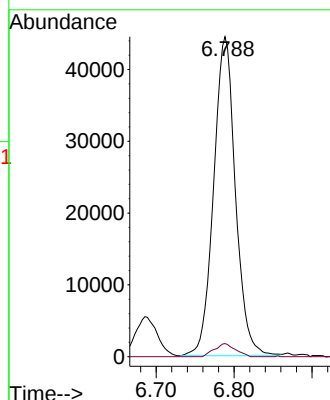
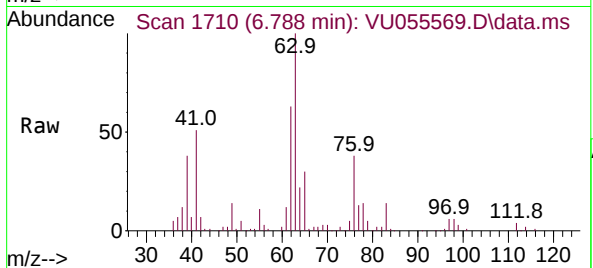
ClientSampleId :

Tgt Ion: 63 Resp: 86465

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 5.396 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

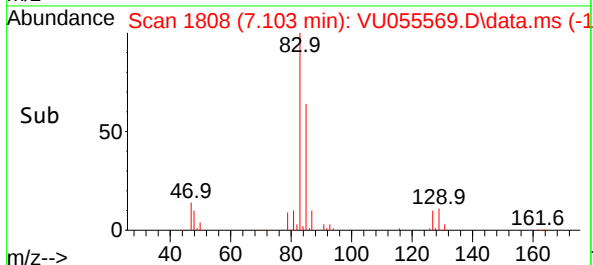
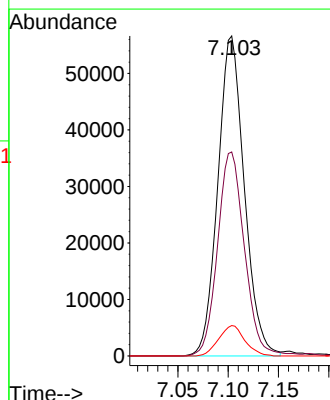
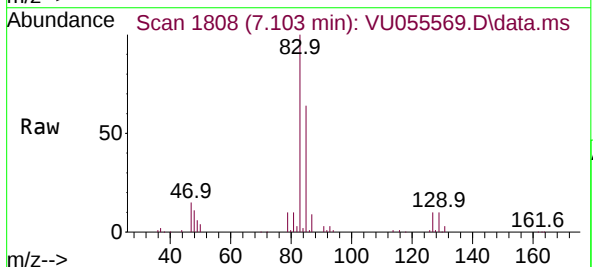
Tgt Ion: 83 Resp: 103845

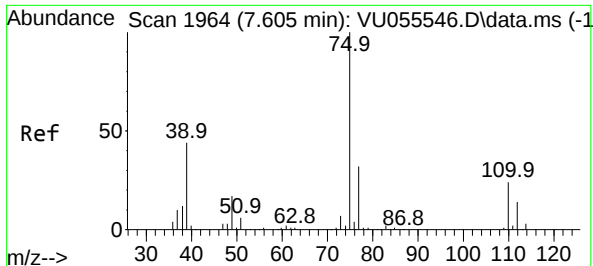
Ion Ratio Lower Upper

83 100

85 63.8 46.8 86.8

127 9.5 7.2 10.8

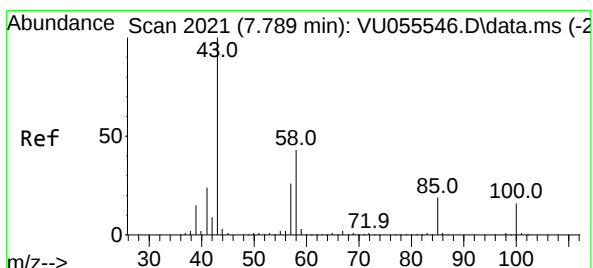
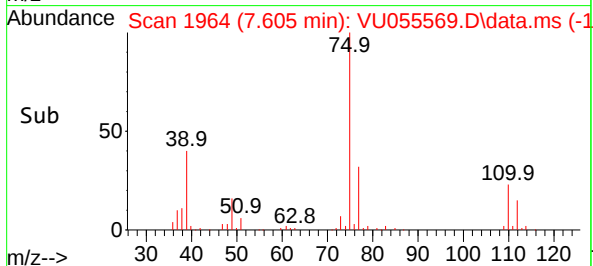
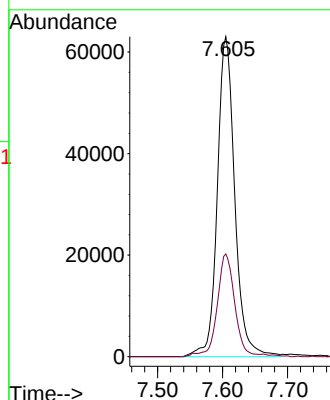
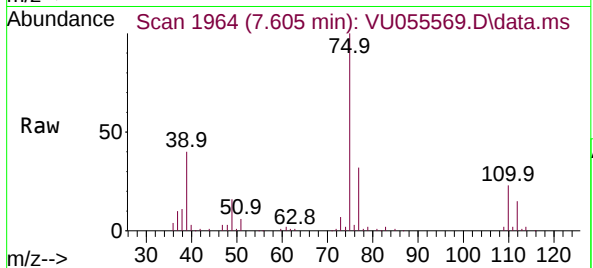




#39
 cis-1,3-Dichloropropene
 Concen: 5.353 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

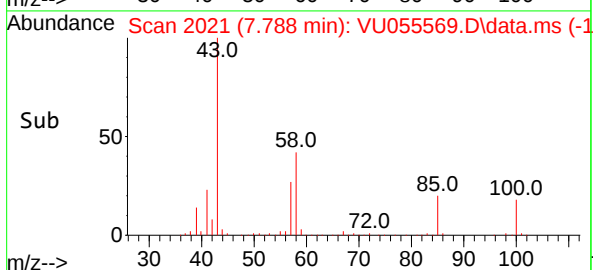
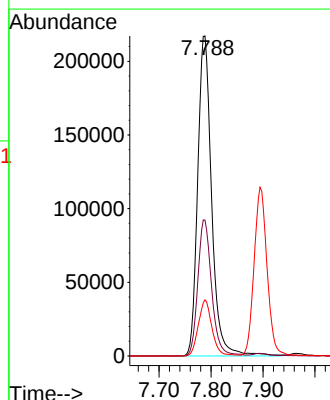
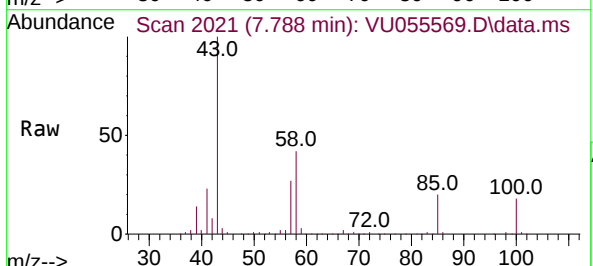
Instrument :
 MSVOA_U
 ClientSampleId :

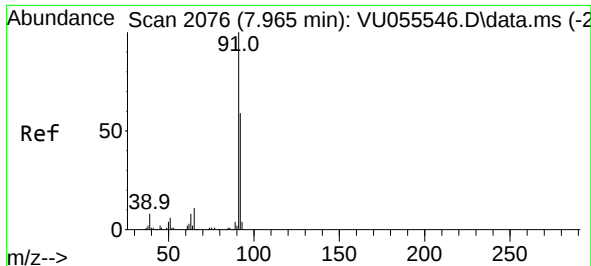
Tgt Ion: 75 Resp: 117323
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 54.418 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

Tgt Ion: 43 Resp: 405359
 Ion Ratio Lower Upper
 43 100
 58 42.0 34.2 51.4
 100 17.1 13.4 20.0





#42

Toluene

Concen: 5.351 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

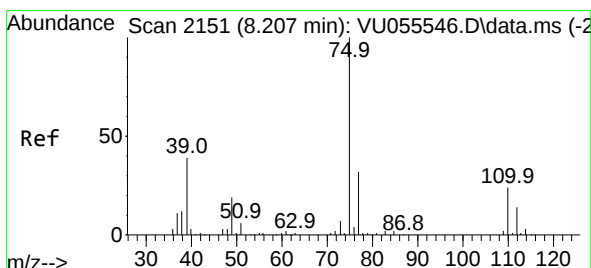
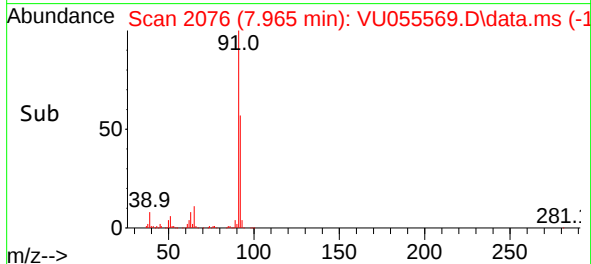
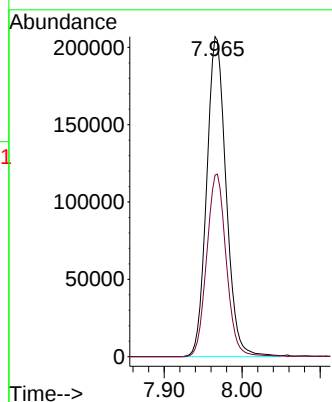
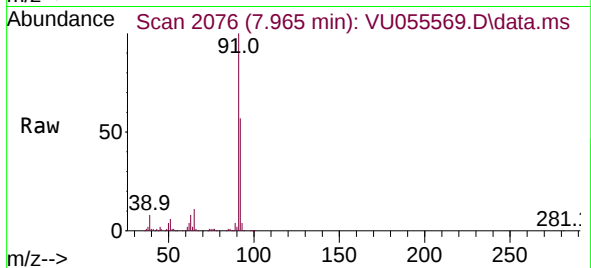
ClientSampleId :

Tgt Ion: 91 Resp: 358384

Ion Ratio Lower Upper

91 100

92 56.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.283 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU055569.D

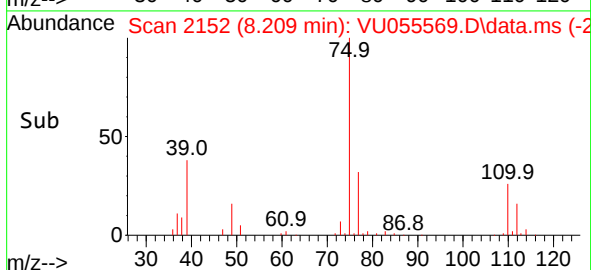
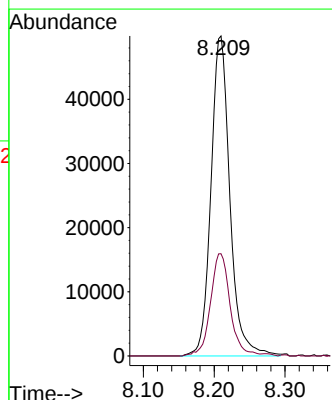
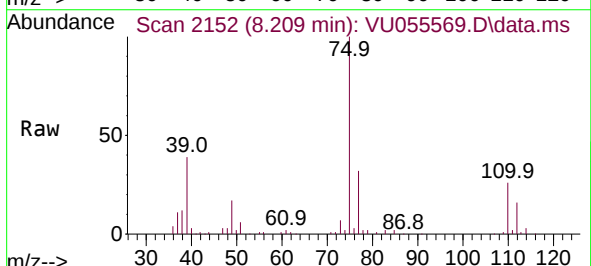
Acq: 27 Sep 2023 22:27

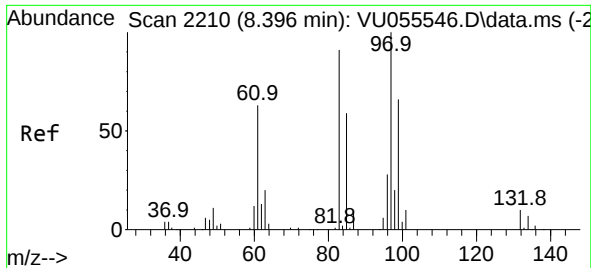
Tgt Ion: 75 Resp: 92645

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4

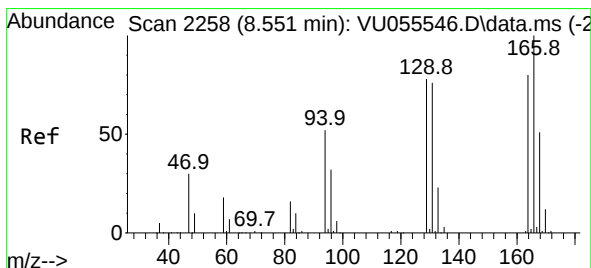
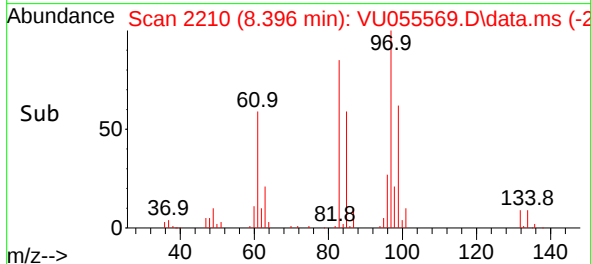
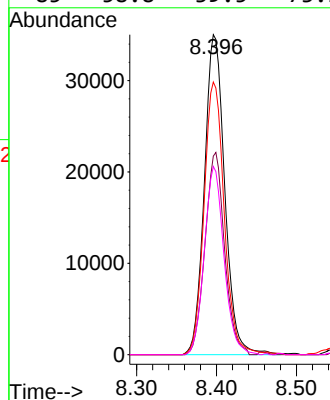
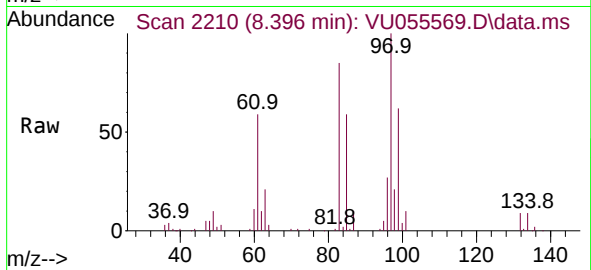




#45
1,1,2-Trichloroethane
Concen: 5.401 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

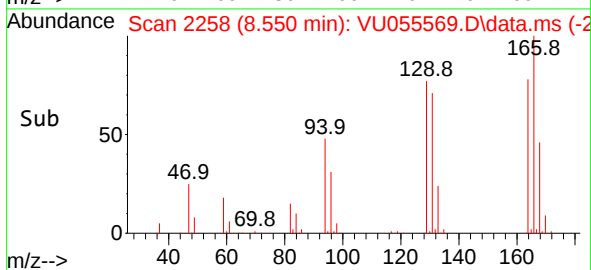
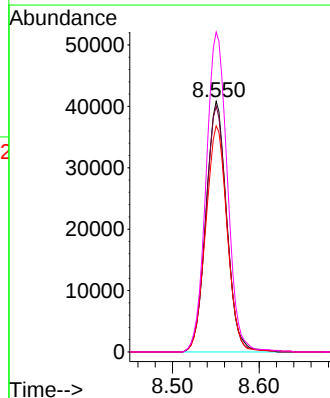
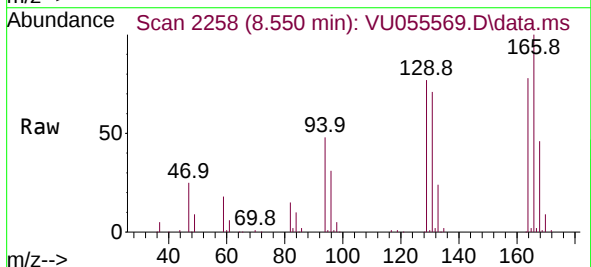
Instrument :
MSVOA_U
ClientSampleId :

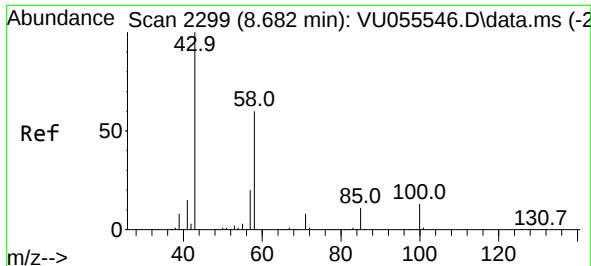
Tgt Ion:	97	Resp:	62180
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.1	81.9
83	85.2	61.5	114.1
85	58.8	39.5	73.3



#47
Tetrachloroethene
Concen: 5.351 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

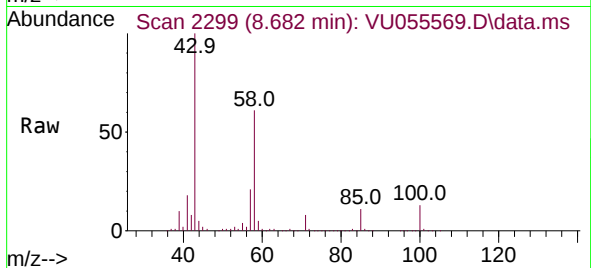
Tgt Ion:	164	Resp:	68173
Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.4	125.2
131	90.3	66.4	123.2
166	127.7	88.8	165.0



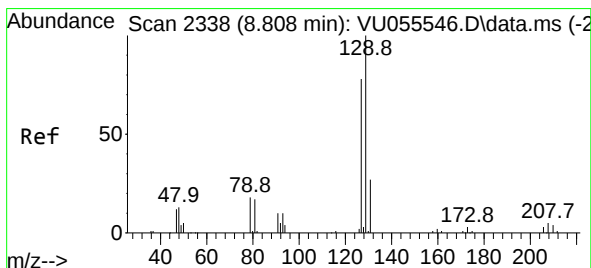
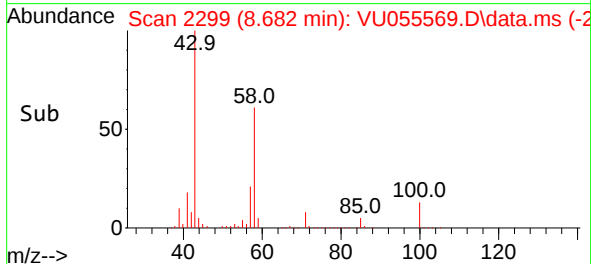
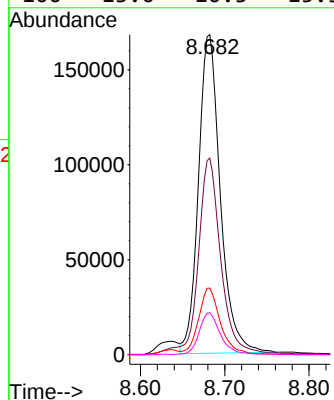


#48
2-Hexanone
Concen: 52.569 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Instrument :
MSVOA_U
ClientSampleId :

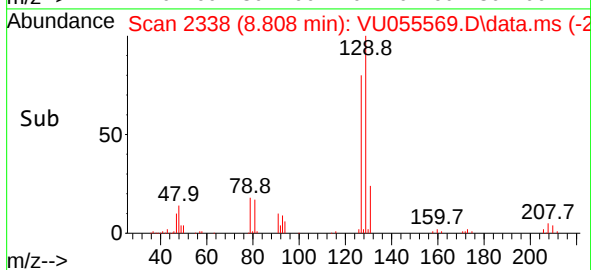
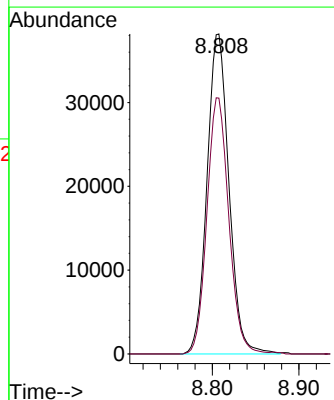
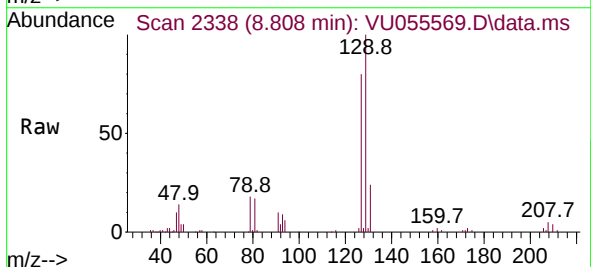


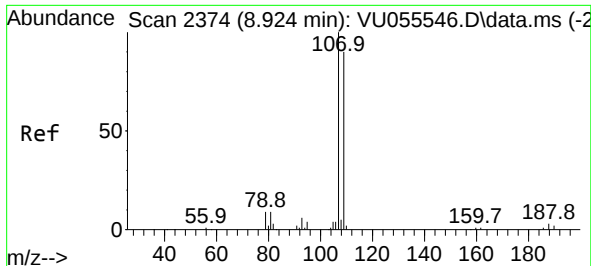
Tgt Ion:	43	Resp:	303485
Ion	Ratio	Lower	Upper
43	100		
58	63.3	48.5	72.7
57	20.4	17.0	25.4
100	13.0	10.3	15.5



#49
Dibromochloromethane
Concen: 5.558 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion:	129	Resp:	67084
Ion	Ratio	Lower	Upper
129	100		
127	79.9	56.8	105.6





#50

1,2-Dibromoethane

Concen: 5.257 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.003 min

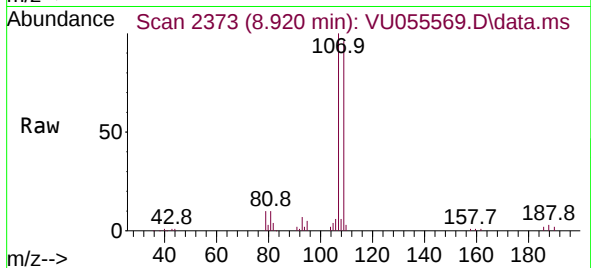
Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :



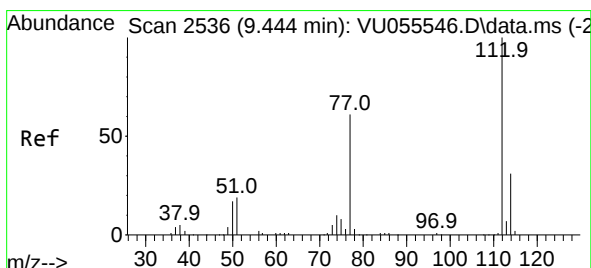
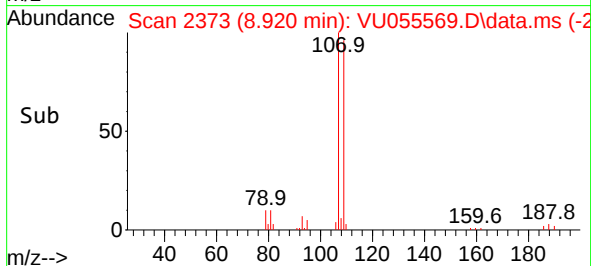
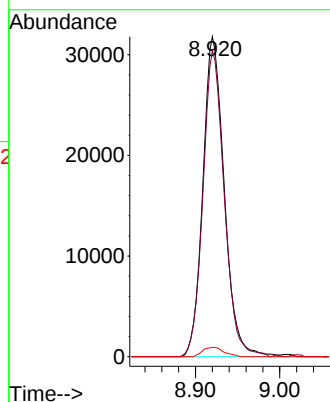
Tgt Ion:107 Resp: 56171

Ion Ratio Lower Upper

107 100

109 95.6 66.1 122.8

188 2.9 3.2 4.8#



#51

Chlorobenzene

Concen: 5.226 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

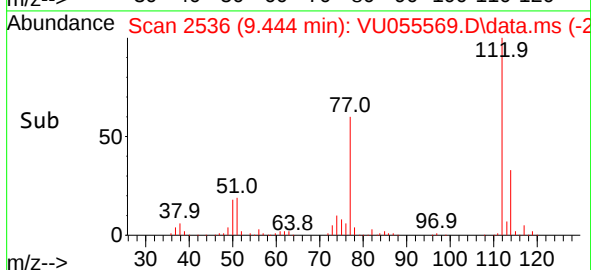
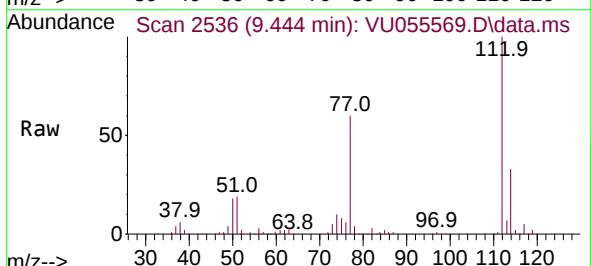
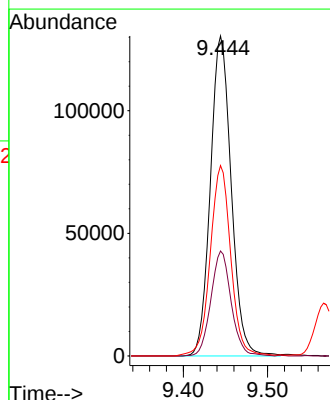
Tgt Ion:112 Resp: 224171

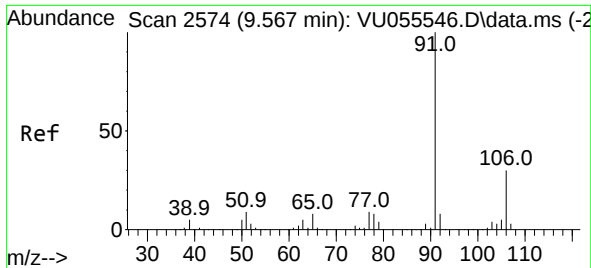
Ion Ratio Lower Upper

112 100

114 32.8 22.0 40.8

77 59.5 46.9 70.3

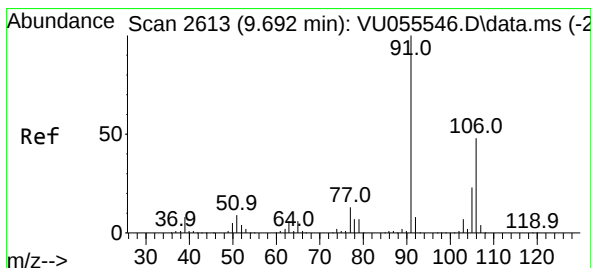
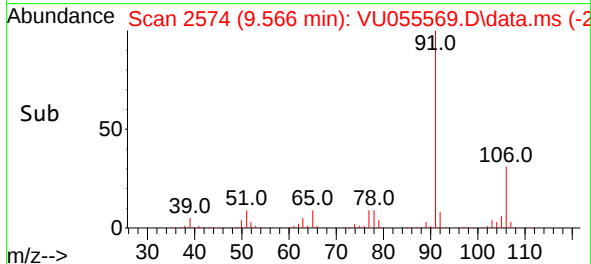
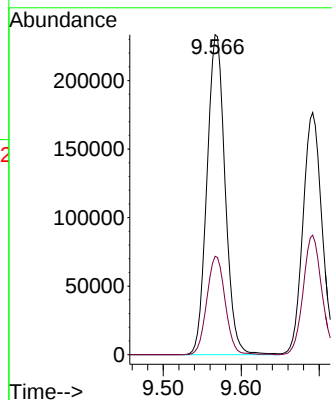
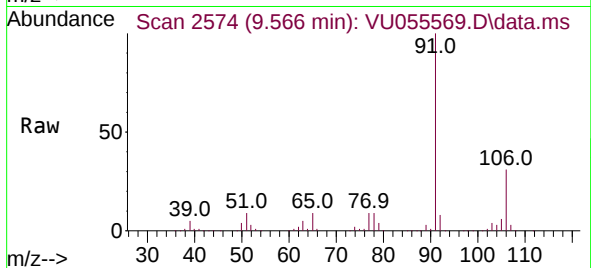




#52
Ethylbenzene
Concen: 5.263 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

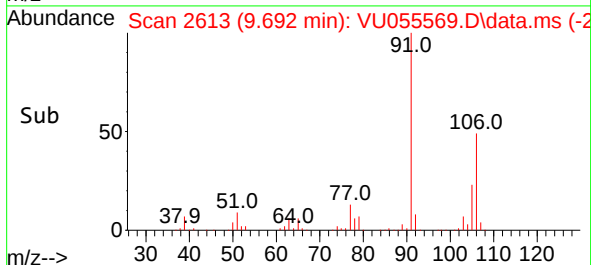
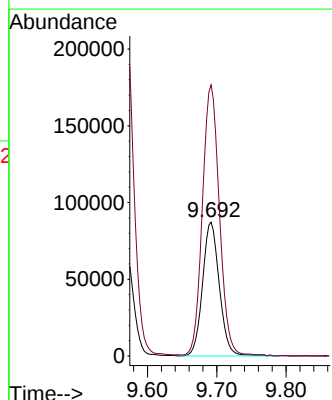
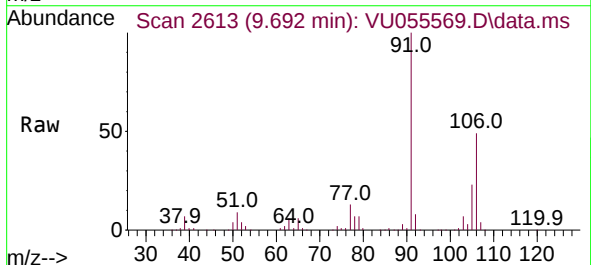
Instrument :
MSVOA_U
ClientSampleId :

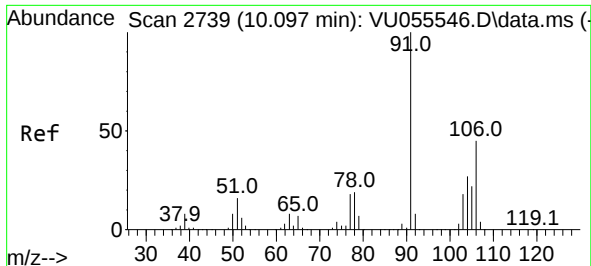
Tgt Ion: 91 Resp: 377895
Ion Ratio Lower Upper
91 100
106 30.8 22.4 41.6



#53
m,p-Xylene
Concen: 5.448 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion: 106 Resp: 146589
Ion Ratio Lower Upper
106 100
91 202.5 144.8 269.0

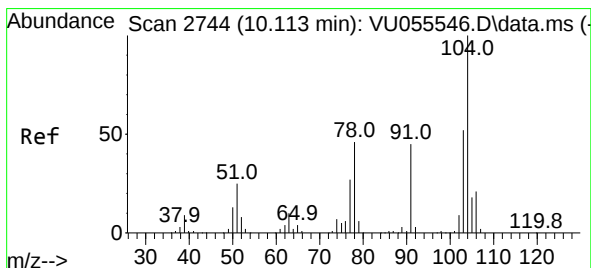
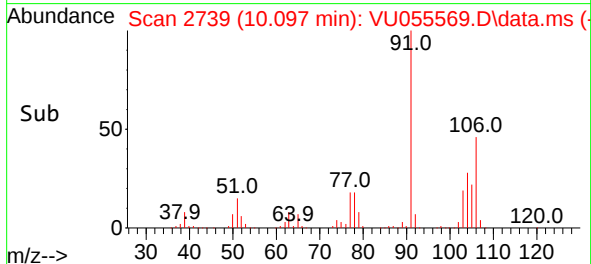
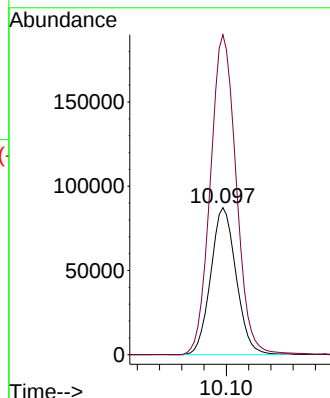
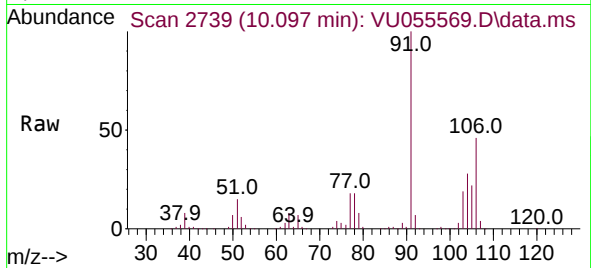




#54
o-Xylene
Concen: 5.286 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

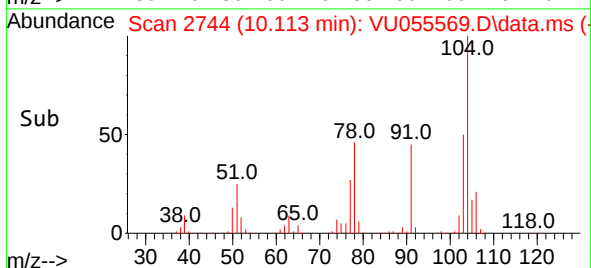
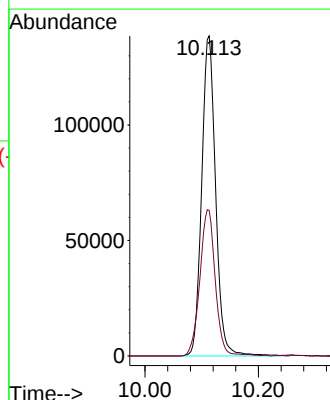
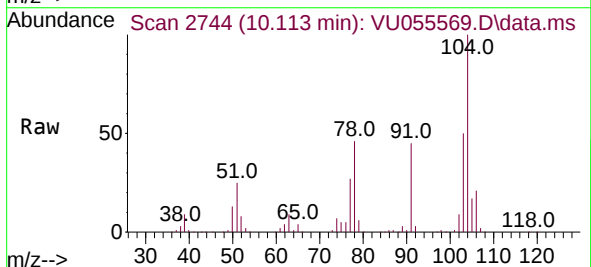
Instrument :
MSVOA_U
ClientSampleId :

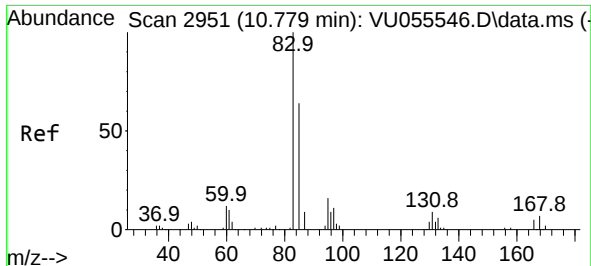
Tgt Ion:106 Resp: 138274
Ion Ratio Lower Upper
106 100
91 217.6 157.6 292.8



#55
Styrene
Concen: 5.591 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion:104 Resp: 236508
Ion Ratio Lower Upper
104 100
78 45.5 31.2 58.0

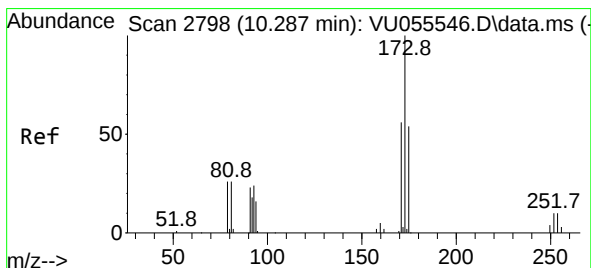
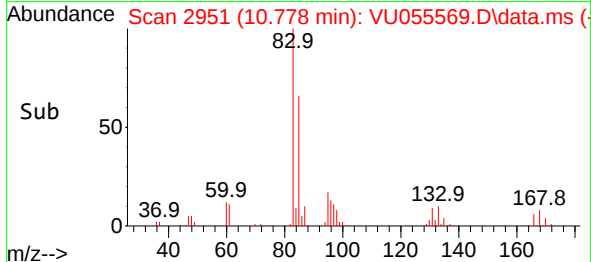
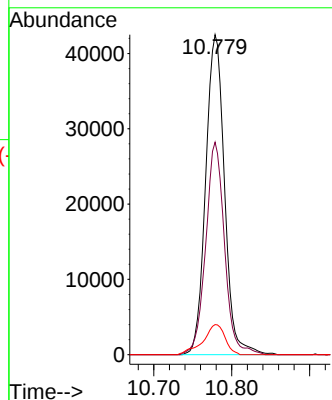
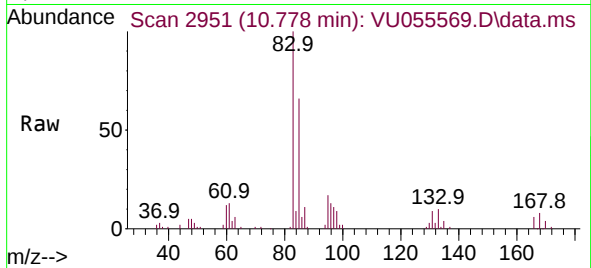




#57
1,1,2,2-Tetrachloroethane
Concen: 5.492 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

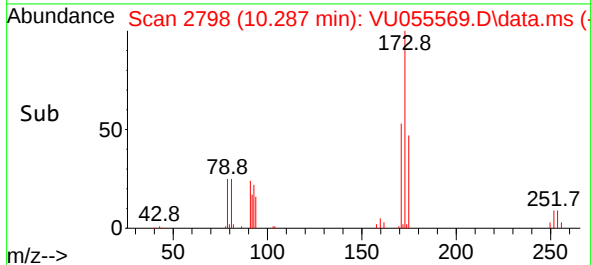
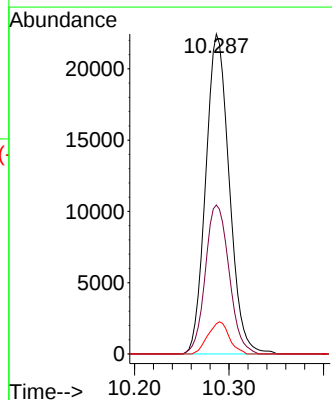
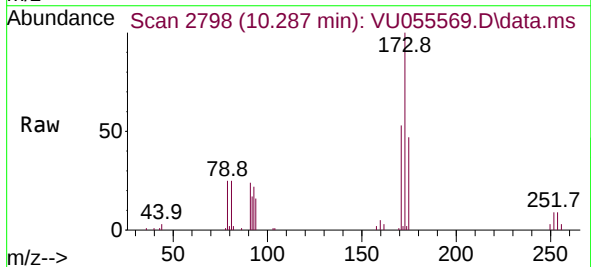
Instrument :
MSVOA_U
ClientSampleId :

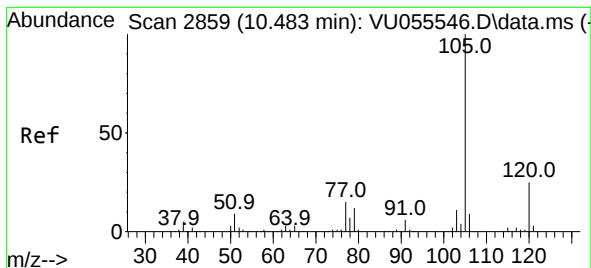
Tgt Ion: 83 Resp: 71384
Ion Ratio Lower Upper
83 100
85 66.4 44.4 82.5
131 9.4 7.4 11.2



#59
Bromoform
Concen: 5.489 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion:173 Resp: 38785
Ion Ratio Lower Upper
173 100
175 47.1 39.4 59.2
254 9.0 7.3 10.9





#60

Isopropylbenzene

Concen: 4.948 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU055569.D

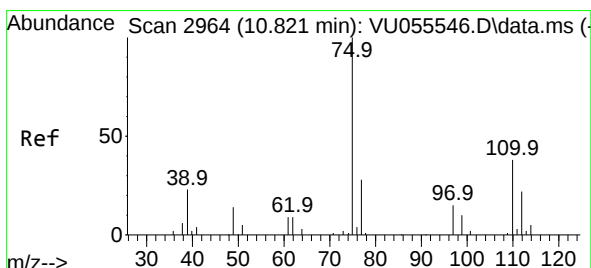
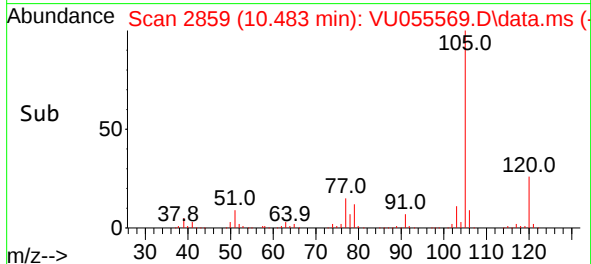
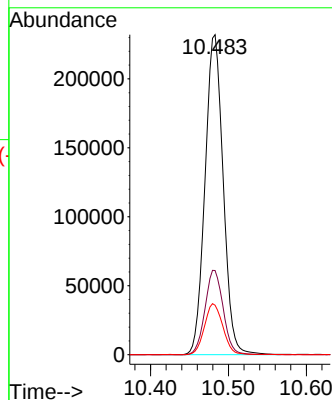
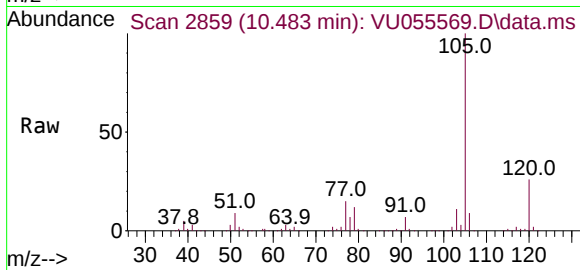
Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	375875
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.8	31.2
77	16.1	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 4.813 ug/L

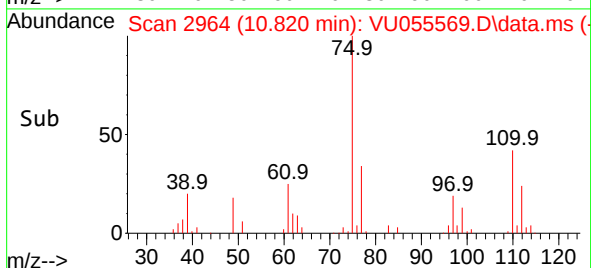
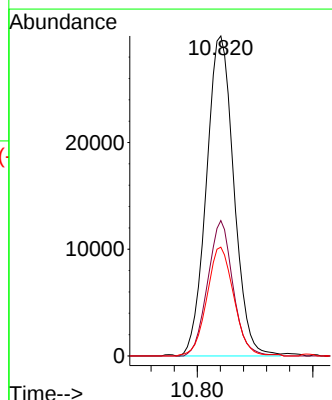
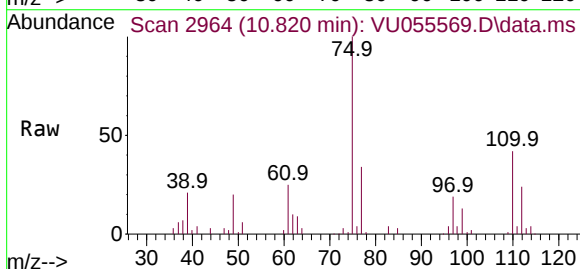
RT: 10.820 min Scan# 2964

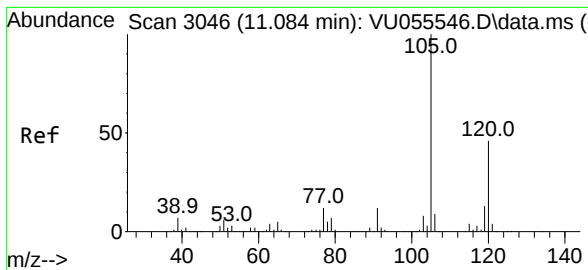
Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Tgt Ion:	75	Resp:	49527
Ion	Ratio	Lower	Upper
75	100		
110	39.0	30.6	45.8
77	33.4	26.7	40.1

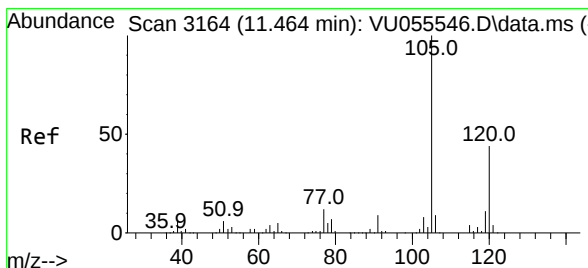
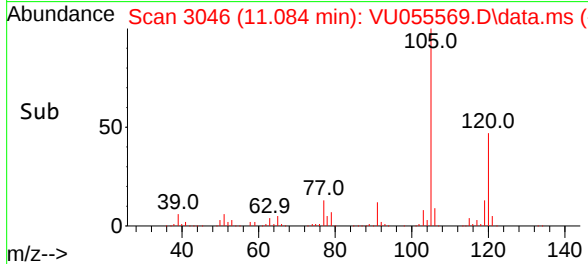
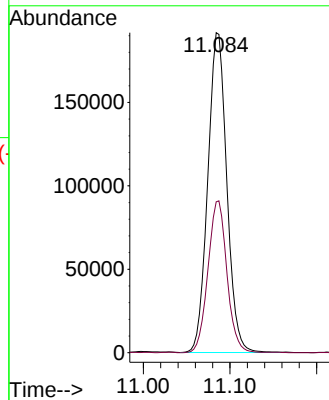
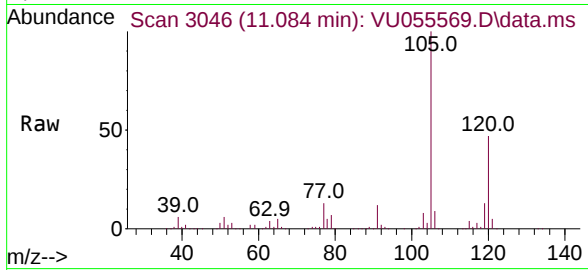




#62
1,3,5-Trimethylbenzene
Concen: 4.814 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

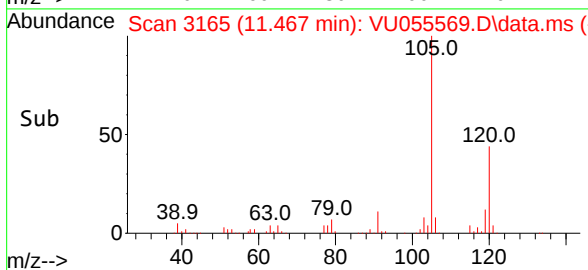
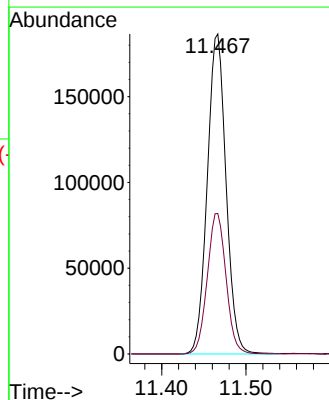
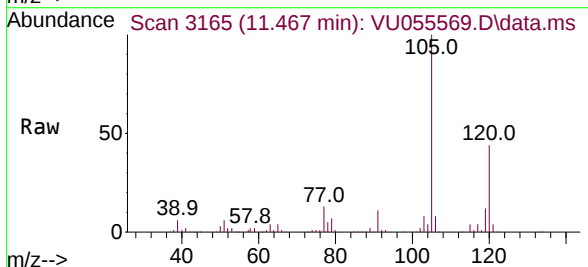
Instrument :
MSVOA_U
ClientSampleId :

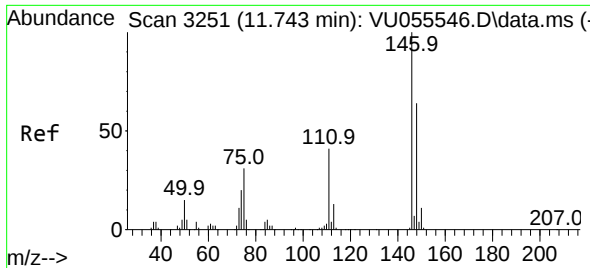
Tgt Ion:105 Resp: 292462
Ion Ratio Lower Upper
105 100
120 47.4 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 4.869 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

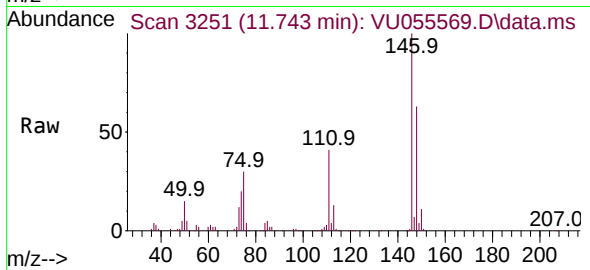
Tgt Ion:105 Resp: 289573
Ion Ratio Lower Upper
105 100
120 43.8 34.9 52.3



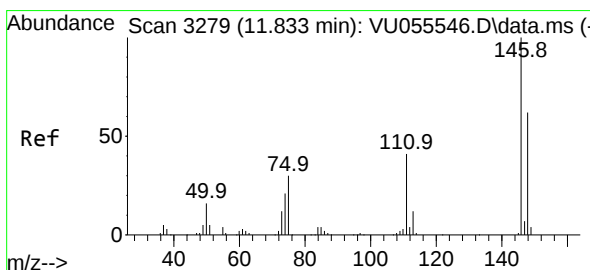
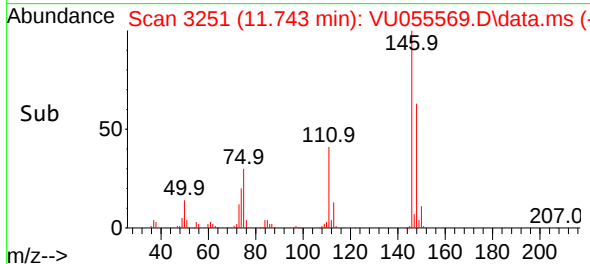
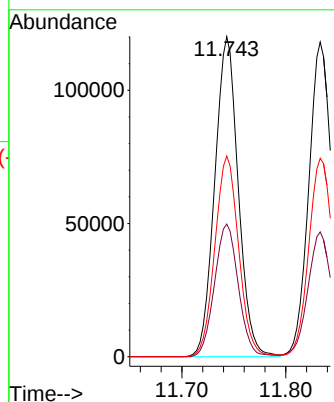


#64
1,3-Dichlorobenzene
Concen: 5.191 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Instrument :
MSVOA_U
ClientSampleId :

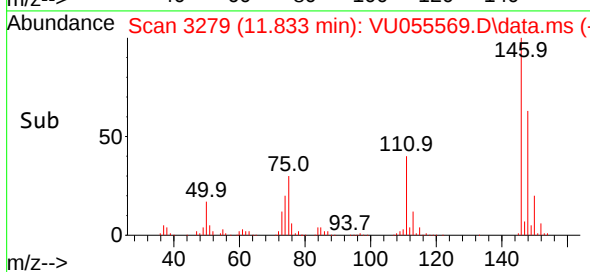
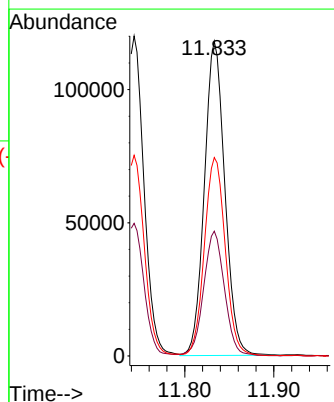
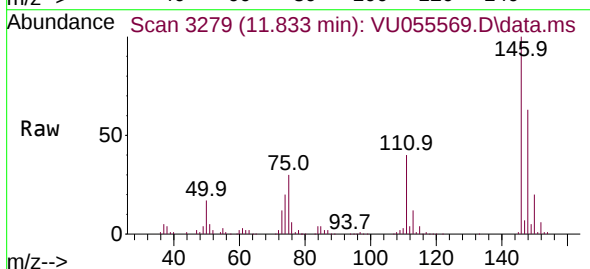


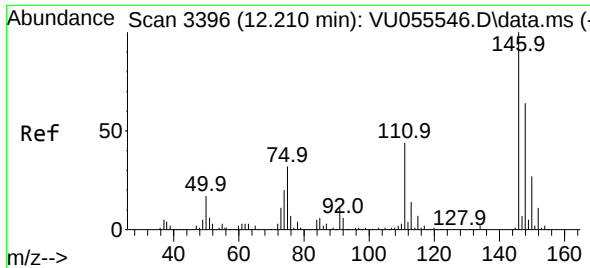
Tgt Ion:146 Resp: 188829
Ion Ratio Lower Upper
146 100
111 41.4 28.8 53.6
148 62.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.172 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion:146 Resp: 188009
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.8
148 63.0 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.163 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :

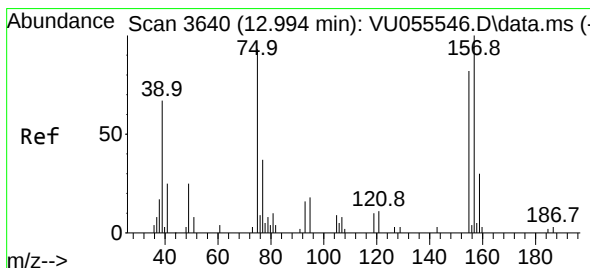
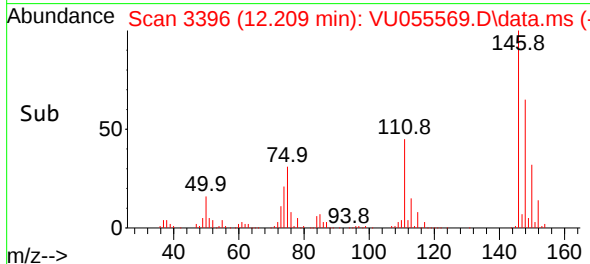
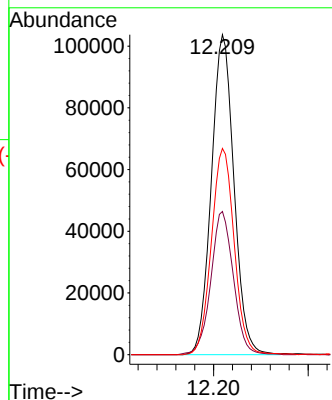
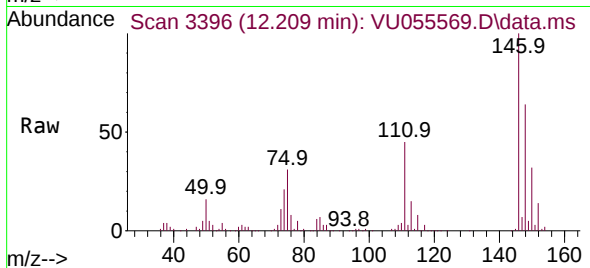
Tgt Ion:146 Resp: 172184

Ion Ratio Lower Upper

146 100

111 44.8 34.6 52.0

148 64.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.221 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055569.D

Acq: 27 Sep 2023 22:27

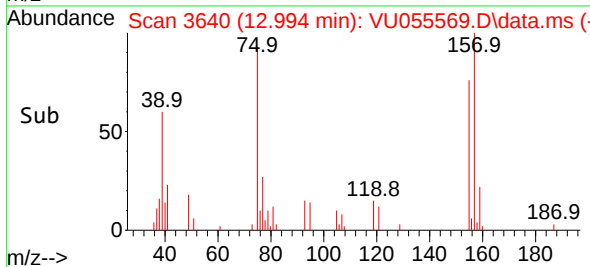
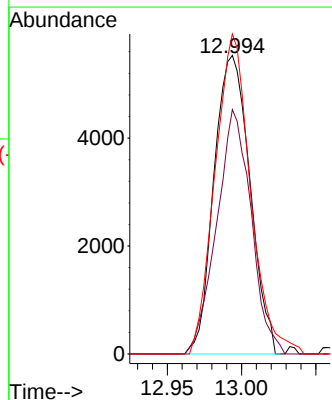
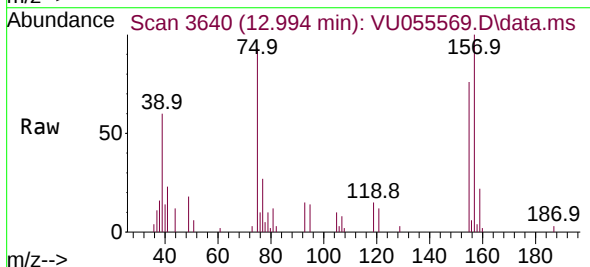
Tgt Ion: 75 Resp: 9312

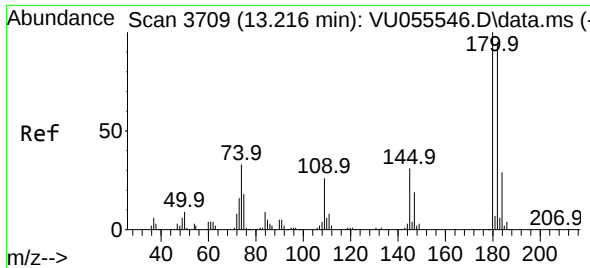
Ion Ratio Lower Upper

75 100

155 81.9 69.2 103.8

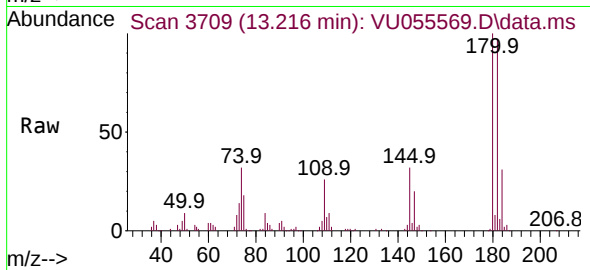
157 107.2 81.9 122.9



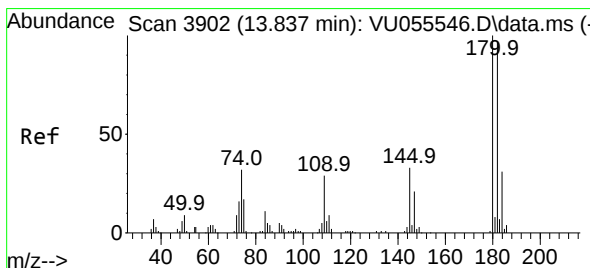
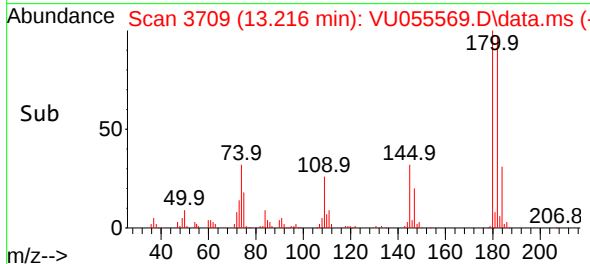
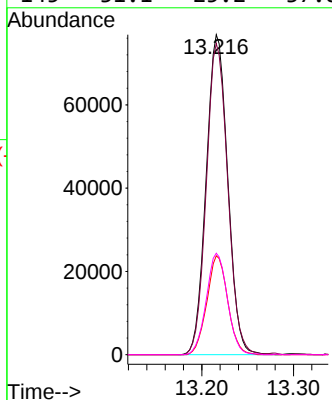


#69
 1,3,5-Trichlorobenzene
 Concen: 5.017 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

Instrument :
 MSVOA_U
 ClientSampleId :

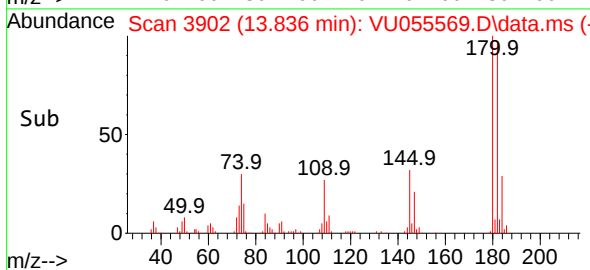
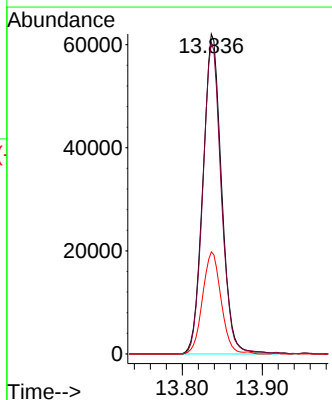
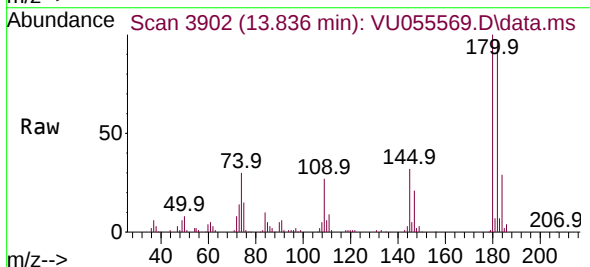


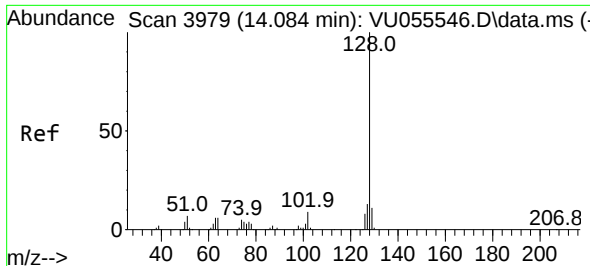
Tgt Ion:180 Resp: 125676
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 184 29.9 24.0 36.0
 145 31.1 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.261 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU055569.D
 Acq: 27 Sep 2023 22:27

Tgt Ion:180 Resp: 100470
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.4 114.6
 145 31.6 25.4 38.0

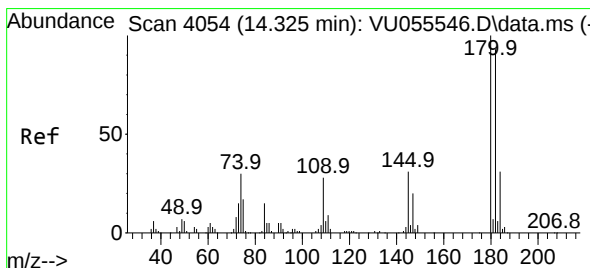
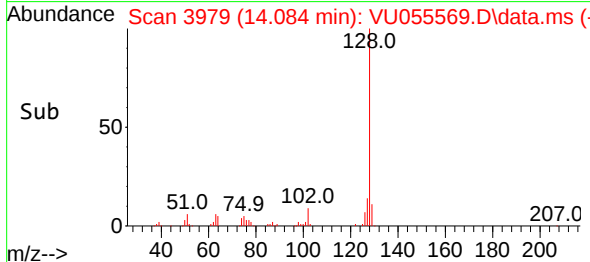
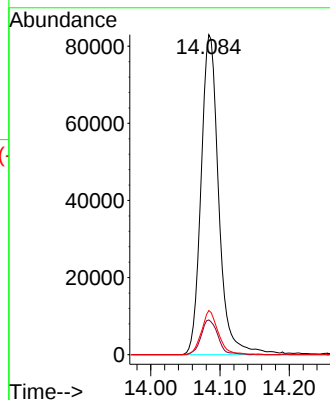
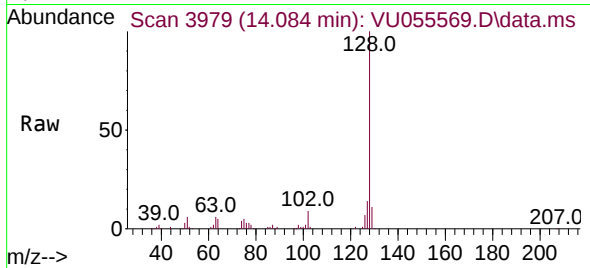




#71
Naphthalene
Concen: 5.328 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 147306
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.321 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055569.D
Acq: 27 Sep 2023 22:27

Tgt Ion:180 Resp: 88416
Ion Ratio Lower Upper
180 100
182 96.1 76.2 114.4
145 32.3 26.0 39.0

