

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091823\
 Data File : VU055385.D
 Acq On : 18 Sep 2023 20:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:18:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	258727	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	265526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47033	3.163	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.911	69	52321	3.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.400%#
11) 1,1-Dichloroethene-d2	2.563	65	16959	3.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.628	46	232306	56.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.980%
24) Chloroform-d	5.058	84	143044	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.698	65	70669	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.721	84	201452	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.685	67	79850	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	154472	3.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.400%#
43) trans-1,3-Dichloroprop...	8.177	79	29013	4.311	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.627	63	143505	58.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86676	5.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	83527	4.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	116759	4.729	ug/L	98
3) Chloromethane	1.515	50	118094	4.971	ug/L	97
5) Vinyl chloride	1.602	62	127664	4.976	ug/L	97
6) Bromomethane	1.856	94	85235	4.356	ug/L	98
8) Chloroethane	1.930	64	87468	4.238	ug/L	100
9) Trichlorofluoromethane	2.132	101	182309	4.441	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	110126	5.379	ug/L	93
12) 1,1-Dichloroethene	2.576	96	100537	5.527	ug/L #	80
13) Acetone	2.637	43	135344	51.037	ug/L	95
14) Carbon disulfide	2.788	76	299068	5.200	ug/L	100
15) Methyl Acetate	2.949	43	34492	5.510	ug/L	98
16) Methylene chloride	3.039	84	124543	4.595	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	232215	5.325	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	105600	5.280	ug/L	98
19) 1,1-Dichloroethane	3.862	63	198058	5.090	ug/L	99
21) 2-Butanone	4.705	43	224020	51.026	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	121943	5.206	ug/L	99
23) Bromochloromethane	4.968	128	53022	5.569	ug/L	95
25) Chloroform	5.081	83	214860	5.100	ug/L	98

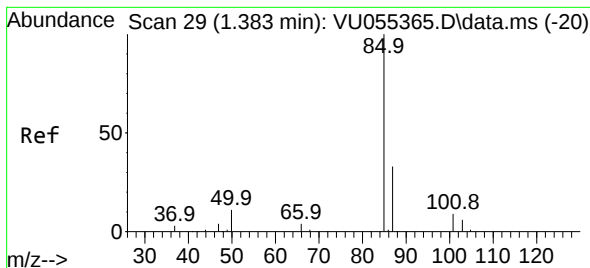
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	128316	4.913	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	179542	5.321	ug/L	99
30) Cyclohexane	5.386	56	161788	5.079	ug/L	97
31) Carbon tetrachloride	5.521	117	157791	5.498	ug/L	96
33) Benzene	5.769	78	457954	5.211	ug/L	100
34) Trichloroethene	6.537	95	129658	5.183	ug/L	95
35) Methylcyclohexane	6.759	83	182975	5.032	ug/L	98
37) 1,2-Dichloropropane	6.785	63	120446	5.219	ug/L	98
38) Bromodichloromethane	7.100	83	144059	5.231	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	161730	5.156	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	574729	52.478	ug/L	97
42) Toluene	7.965	91	501485	5.207	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	128031	5.206	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	85404	5.338	ug/L	99
47) Tetrachloroethene	8.550	164	94347	5.503	ug/L	93
48) 2-Hexanone	8.679	43	429874	52.081	ug/L	99
49) Dibromochloromethane	8.804	129	89371	5.460	ug/L	96
50) 1,2-Dibromoethane	8.920	107	79953	5.359	ug/L #	97
51) Chlorobenzene	9.441	112	314642	5.065	ug/L	98
52) Ethylbenzene	9.566	91	533803	5.048	ug/L	99
53) m,p-Xylene	9.688	106	206389	5.160	ug/L	99
54) o-Xylene	10.097	106	200061	5.272	ug/L	95
55) Styrene	10.110	104	334505	5.278	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	98187	5.581	ug/L	98
59) Bromoform	10.287	173	49012	5.537	ug/L	99
60) Isopropylbenzene	10.479	105	532917	4.800	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	73162	4.968	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	407987	4.780	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	415156	4.791	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	250548	4.898	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	245520	4.911	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	231019	5.038	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12008	4.769	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.216	180	175641	5.041	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	129416	4.839	ug/L	99
71) Naphthalene	14.084	128	169983	4.420	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	113377	4.897	ug/L	97

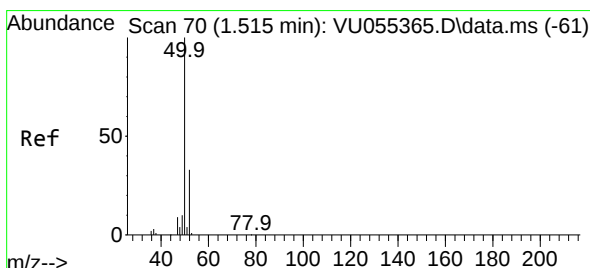
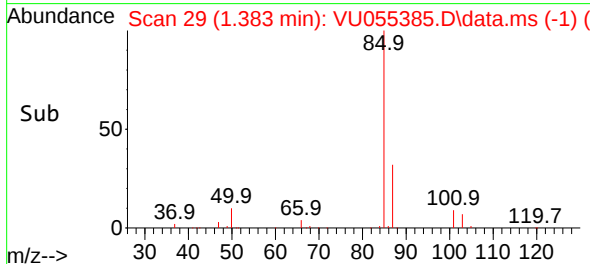
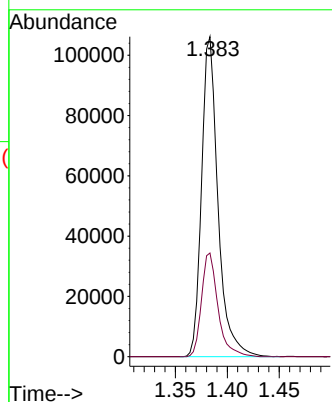
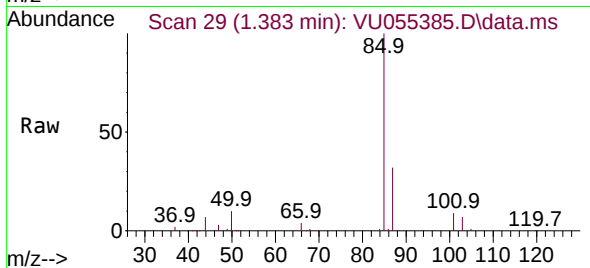
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.729 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055385.D
 Acq: 18 Sep 2023 20:45

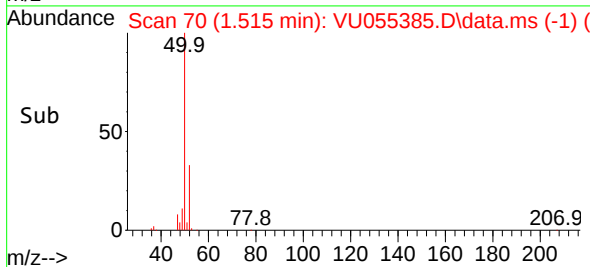
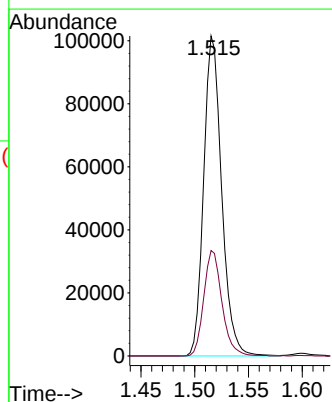
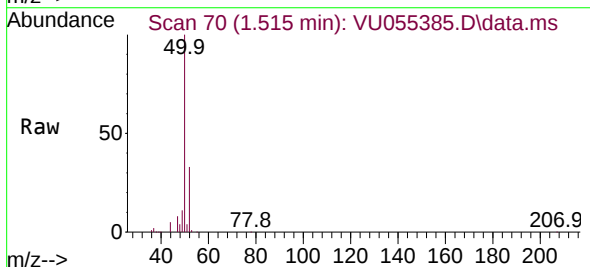
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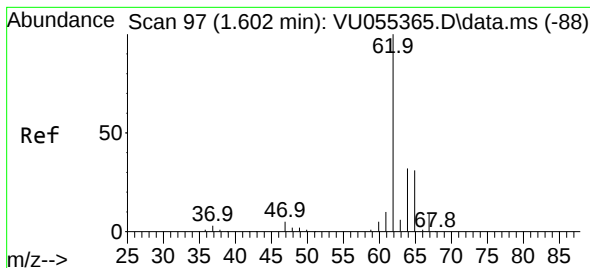
Tgt Ion: 85 Resp: 116759
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.3 37.9



#3
 Chloromethane
 Concen: 4.971 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU055385.D
 Acq: 18 Sep 2023 20:45

Tgt Ion: 50 Resp: 118094
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 40.8





#5

Vinyl chloride

Concen: 4.976 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

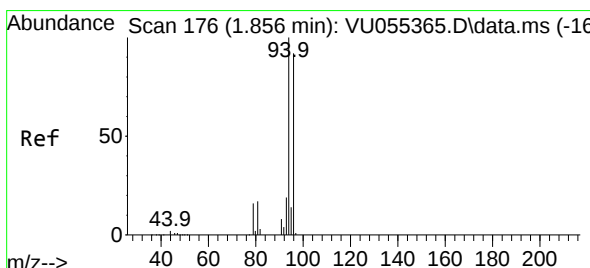
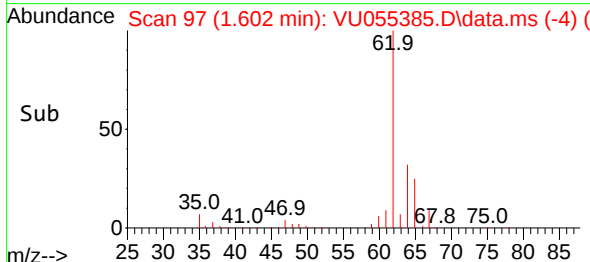
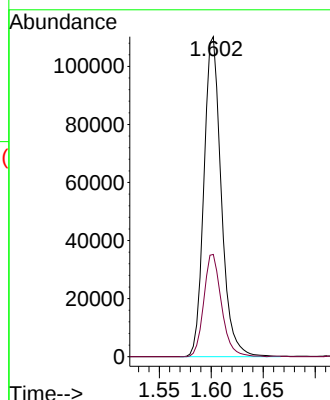
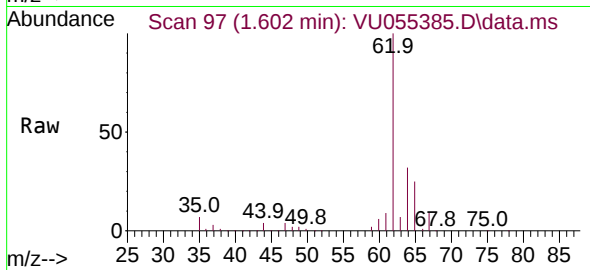
ClientSampleId :

Tgt Ion: 62 Resp: 127664

Ion Ratio Lower Upper

62 100

64 32.0 23.4 43.6



#6

Bromomethane

Concen: 4.356 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU055385.D

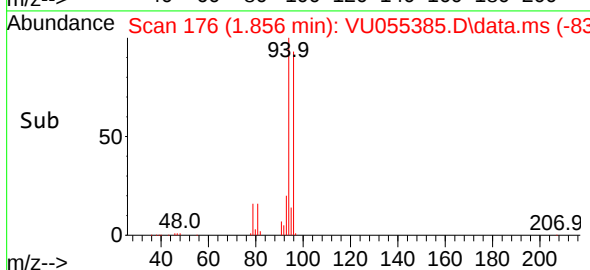
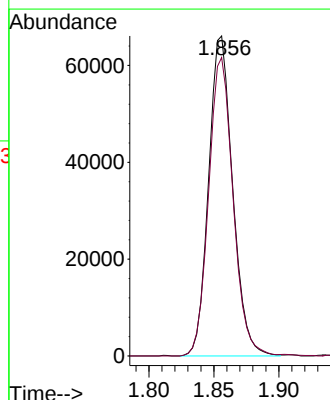
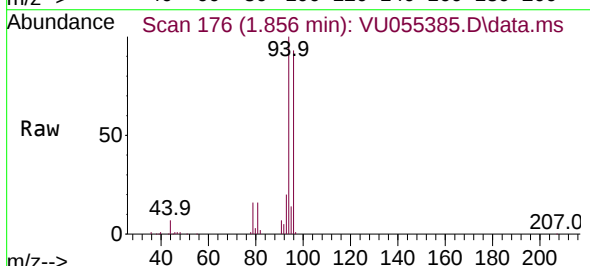
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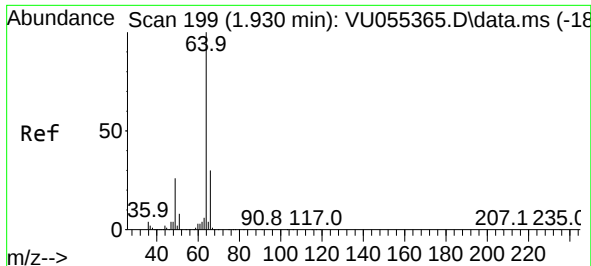
Tgt Ion: 94 Resp: 85235

Ion Ratio Lower Upper

94 100

96 93.2 66.9 124.3

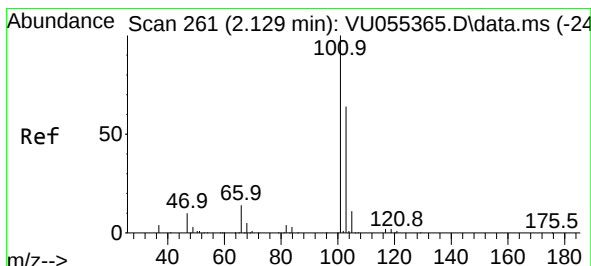
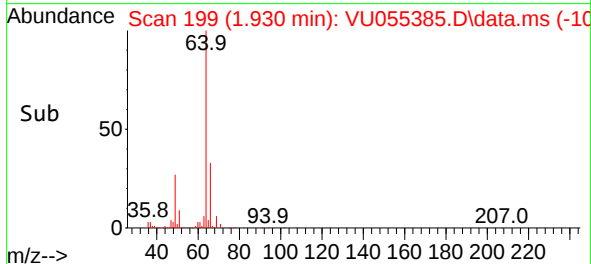
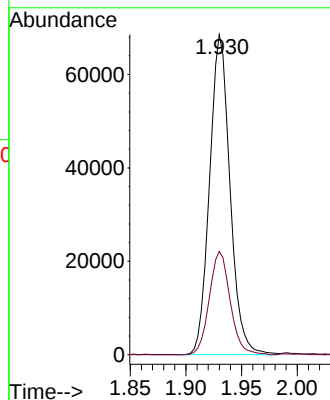
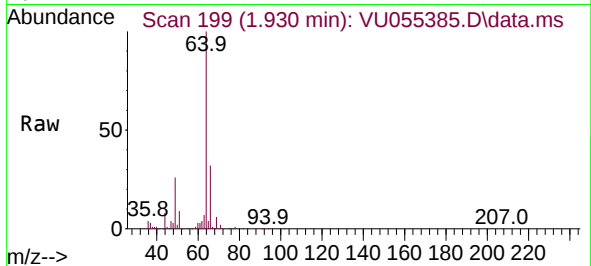




#8
Chloroethane
Concen: 4.238 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

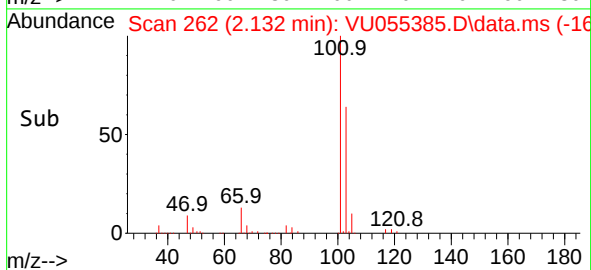
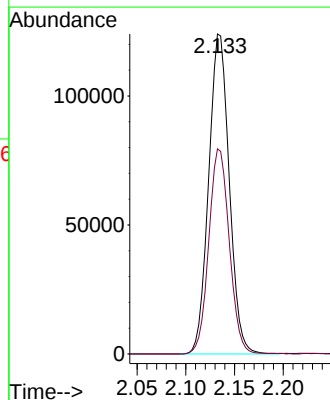
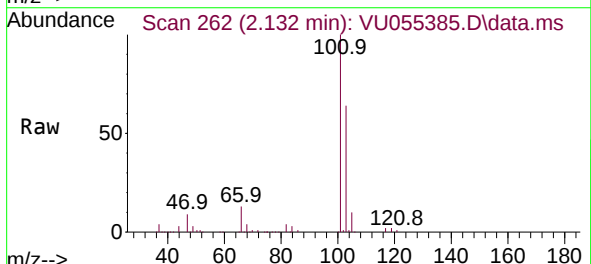
Instrument :
MSVOA_U
ClientSampleId :

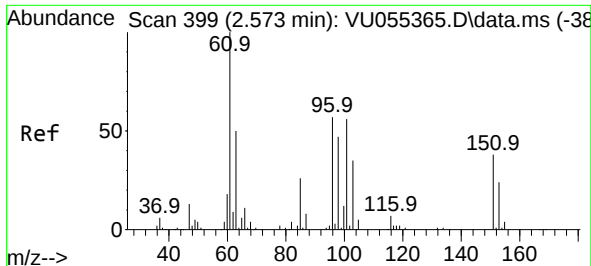
Tgt Ion: 64 Resp: 87468
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.441 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion:101 Resp: 182309
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

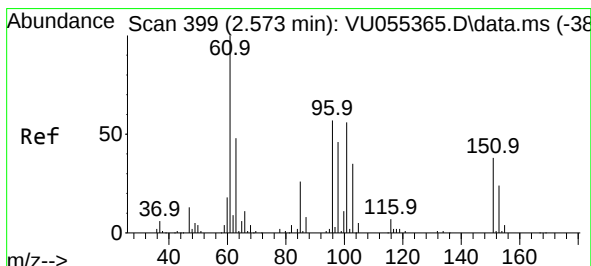
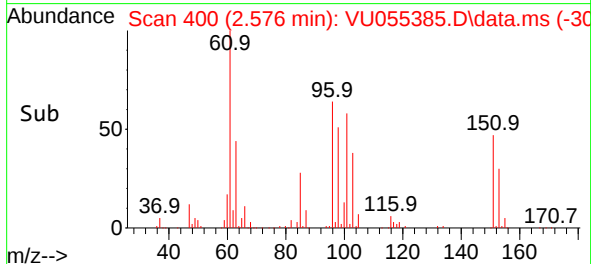
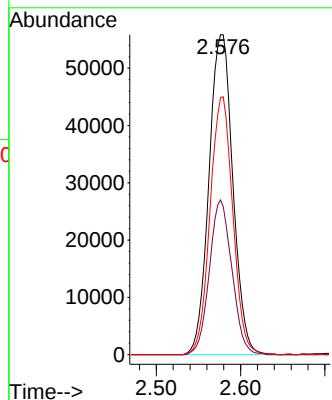
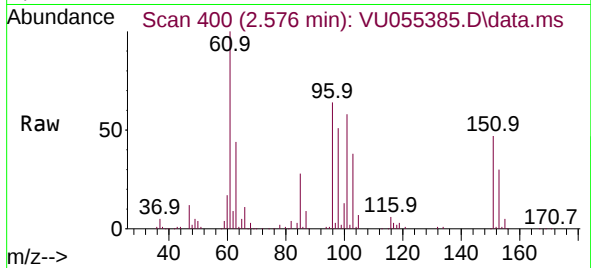




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.379 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

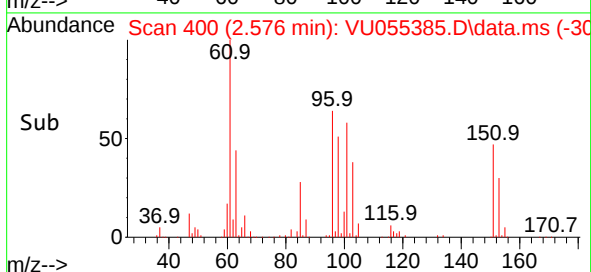
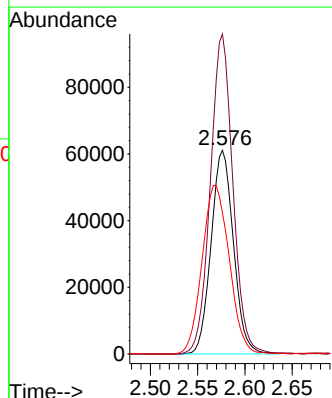
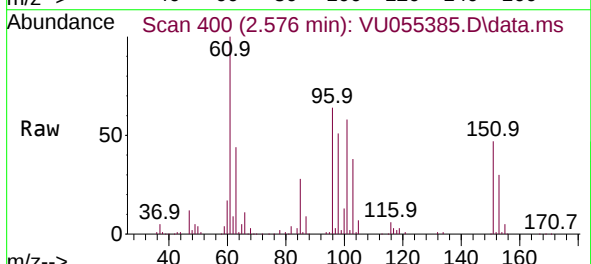
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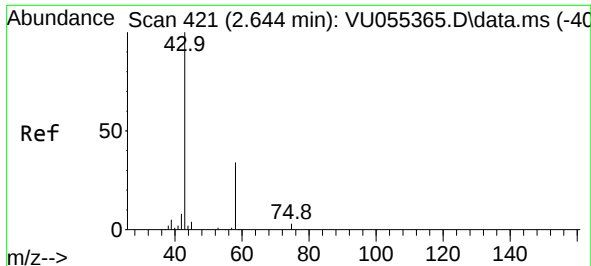
Tgt Ion:101 Resp: 110126
Ion Ratio Lower Upper
101 100
85 45.5 36.5 54.7
151 76.7 53.8 80.8



#12
1,1-Dichloroethene
Concen: 5.527 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion: 96 Resp: 100537
Ion Ratio Lower Upper
96 100
61 157.1 122.8 228.0
63 69.4 71.7 133.3#





#13

Acetone

Concen: 51.037 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

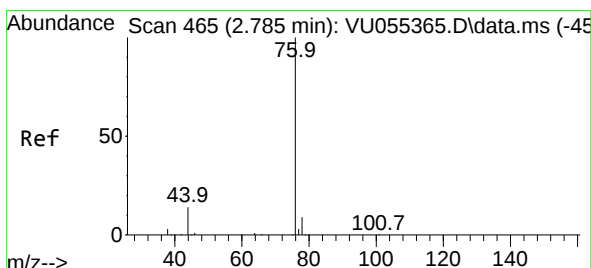
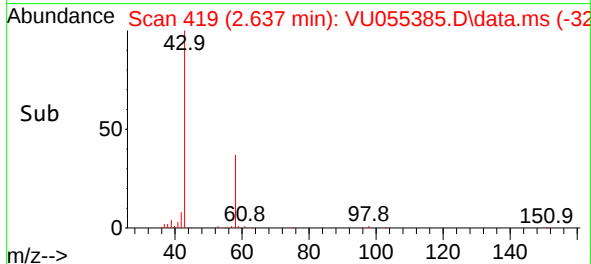
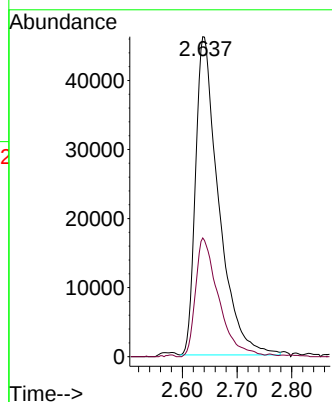
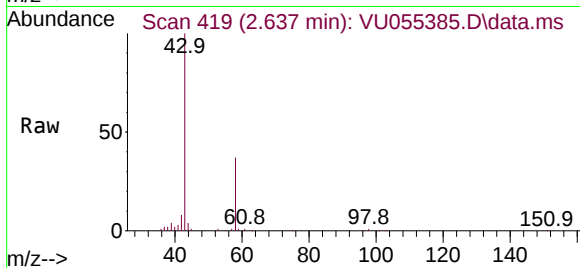
ClientSampleId :

Tgt Ion: 43 Resp: 135344

Ion Ratio Lower Upper

43 100

58 37.1 0.0 68.4



#14

Carbon disulfide

Concen: 5.200 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU055385.D

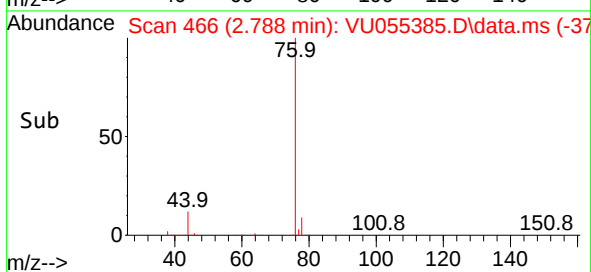
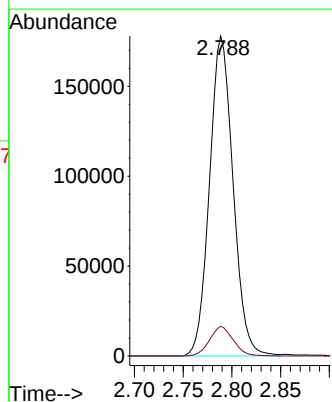
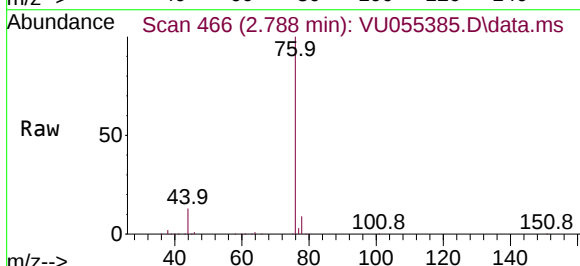
Acq: 18 Sep 2023 20:45

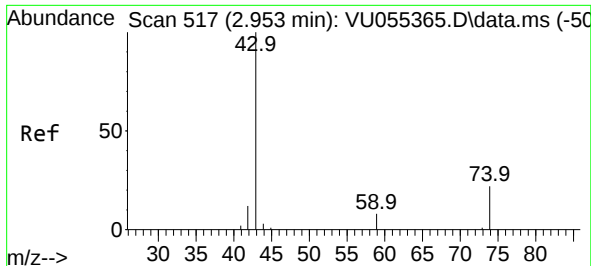
Tgt Ion: 76 Resp: 299068

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

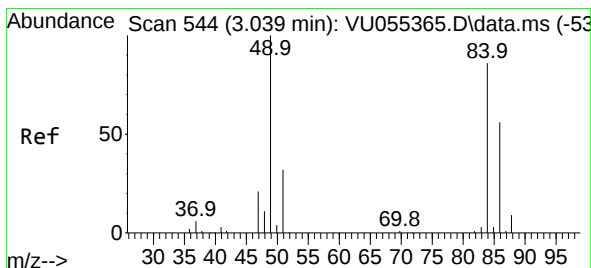
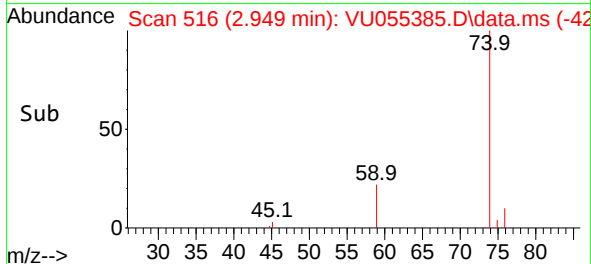
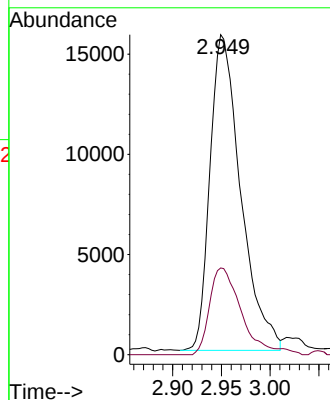
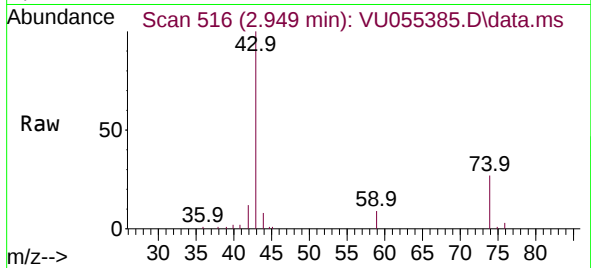




#15
Methyl Acetate
Concen: 5.510 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

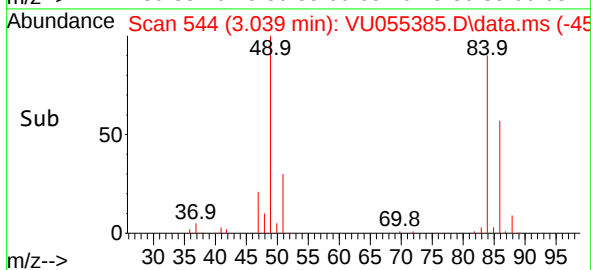
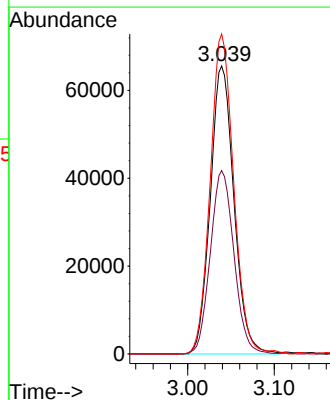
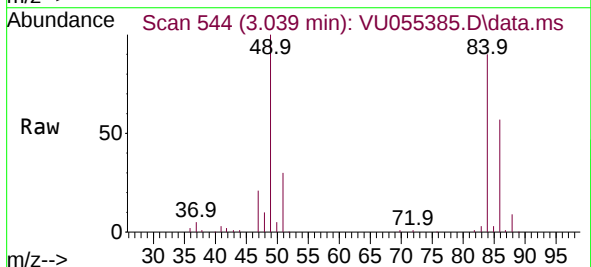
Instrument :
MSVOA_U
ClientSampleId :

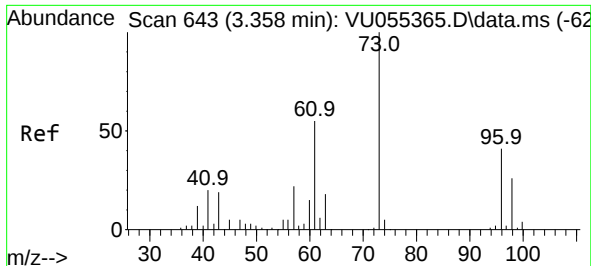
Tgt Ion: 43 Resp: 34492
Ion Ratio Lower Upper
43 100
74 28.6 23.9 35.9



#16
Methylene chloride
Concen: 4.595 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion: 84 Resp: 124543
Ion Ratio Lower Upper
84 100
86 63.7 42.4 78.8
49 111.1 79.9 148.3





#17

Methyl tert-butyl Ether

Concen: 5.325 ug/L

RT: 3.358 min Scan# 643

Delta R.T. -0.000 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

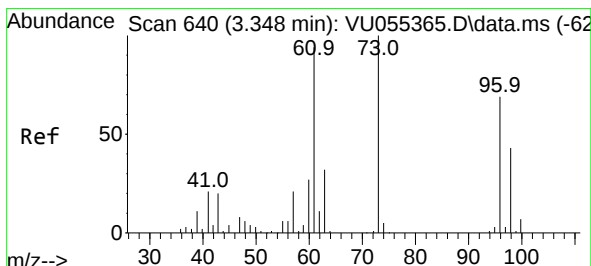
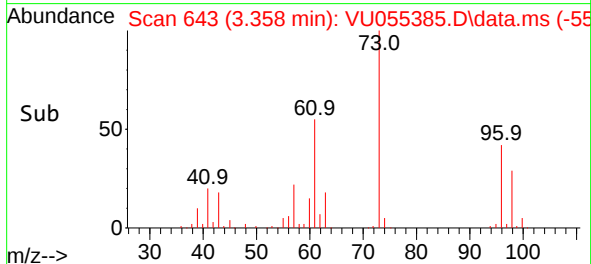
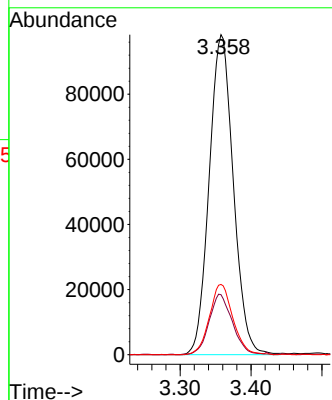
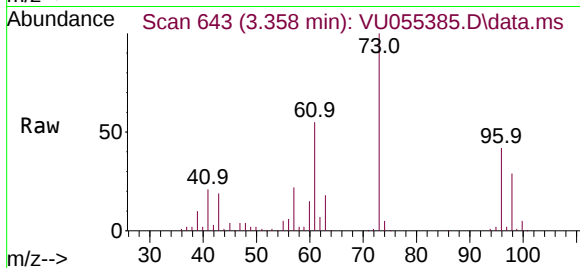
Tgt Ion: 73 Resp: 232215

Ion Ratio Lower Upper

73 100

43 18.2 16.0 24.0

57 21.4 17.2 25.8



#18

trans-1,2-Dichloroethene

Concen: 5.280 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

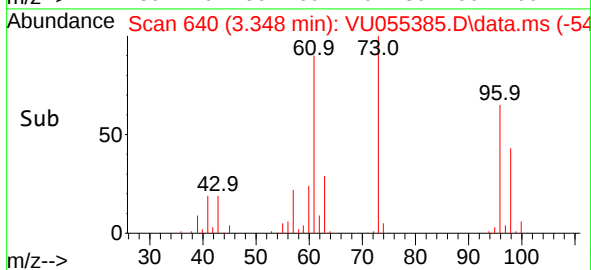
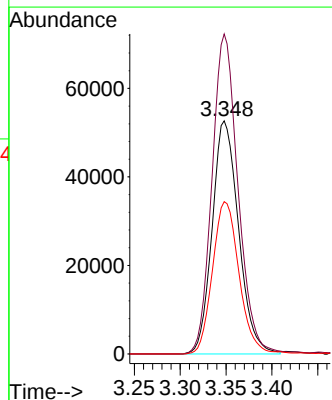
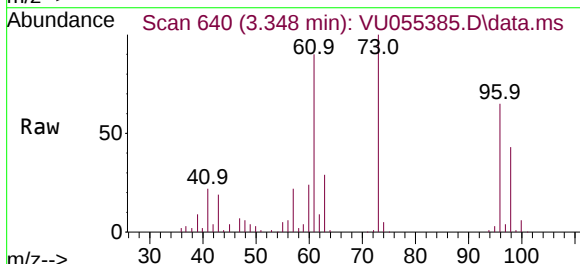
Tgt Ion: 96 Resp: 105600

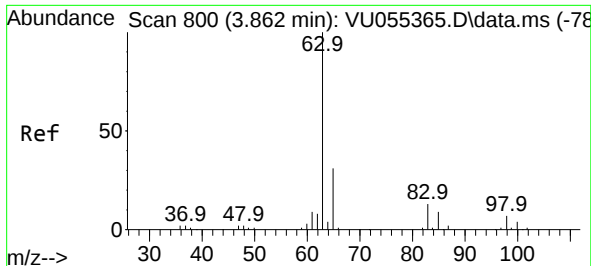
Ion Ratio Lower Upper

96 100

61 137.3 97.4 181.0

98 65.3 44.6 82.8





#19

1,1-Dichloroethane

Concen: 5.090 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

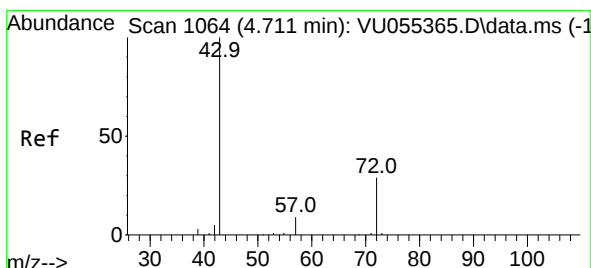
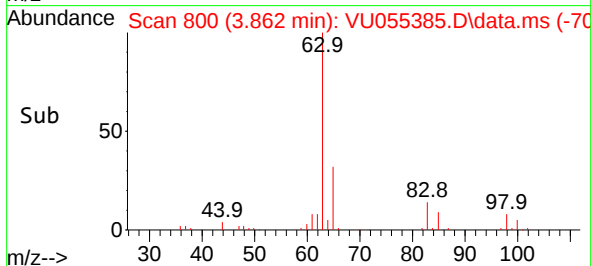
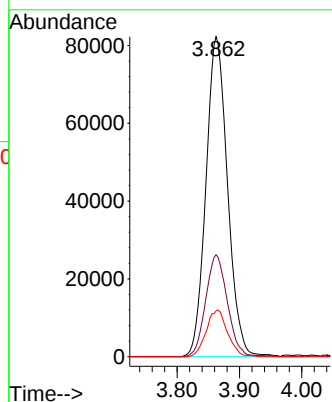
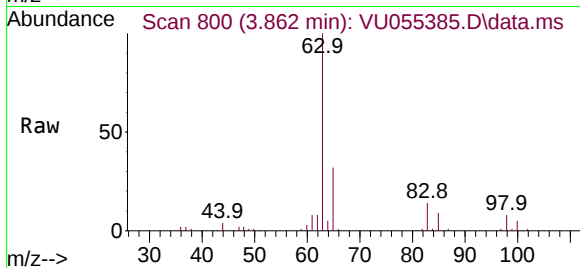
Tgt Ion: 63 Resp: 198058

Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.6

83 14.3 9.7 17.9



#21

2-Butanone

Concen: 51.026 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.007 min

Lab File: VU055385.D

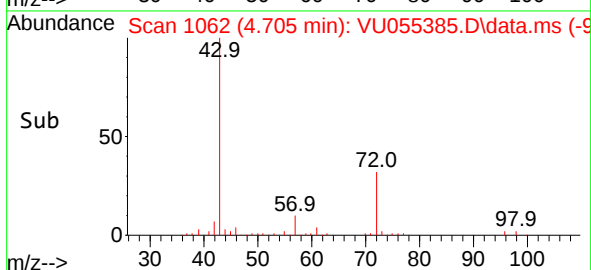
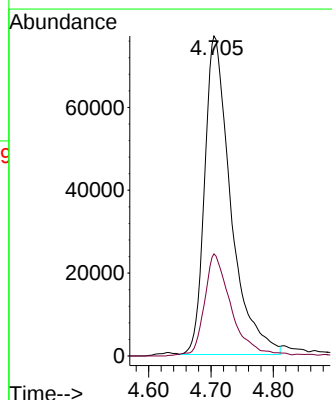
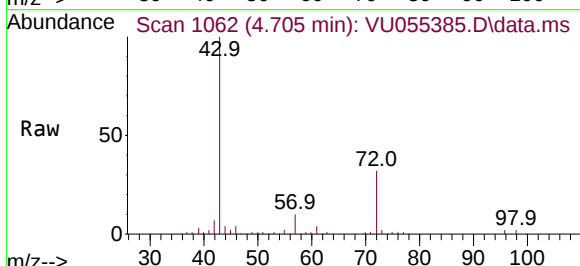
Acq: 18 Sep 2023 20:45

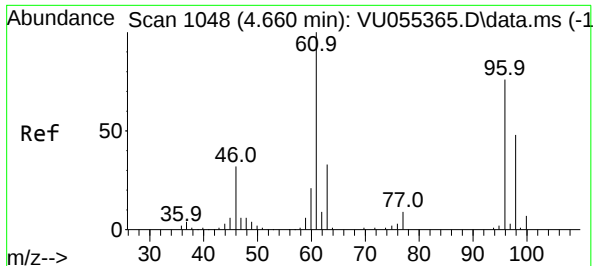
Tgt Ion: 43 Resp: 224020

Ion Ratio Lower Upper

43 100

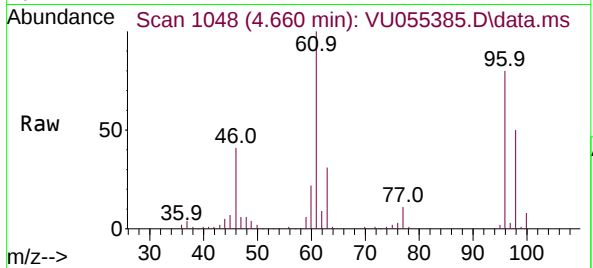
72 32.9 15.2 45.5





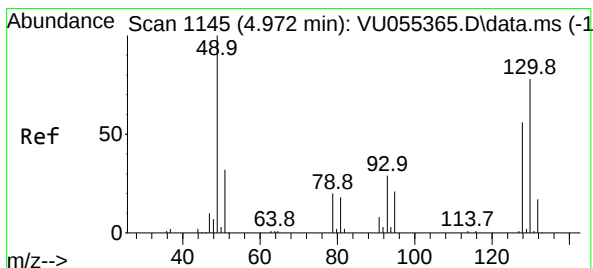
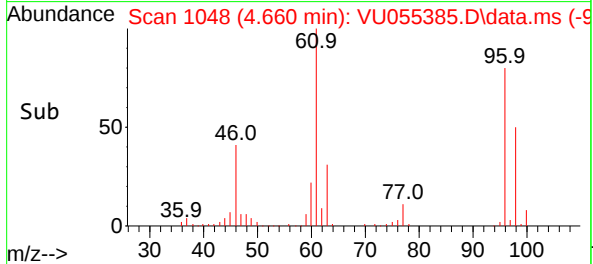
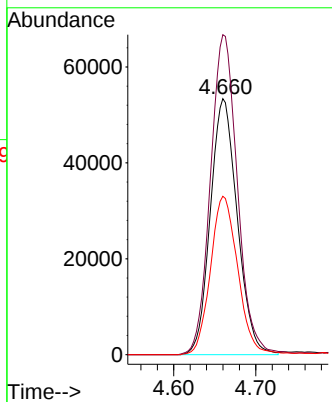
#22
 cis-1,2-Dichloroethene
 Concen: 5.206 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU055385.D
 Acq: 18 Sep 2023 20:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 121943

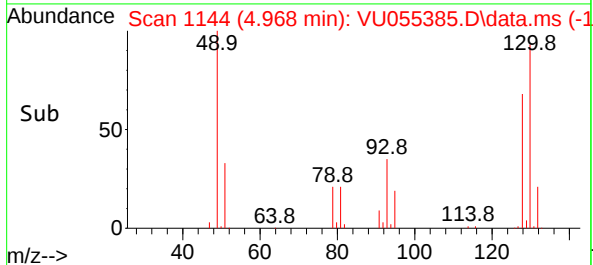
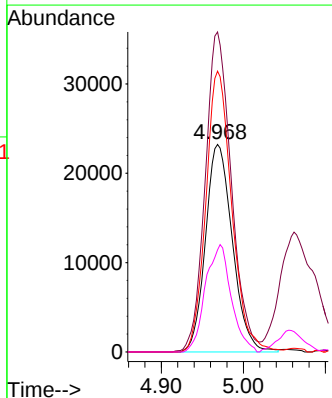
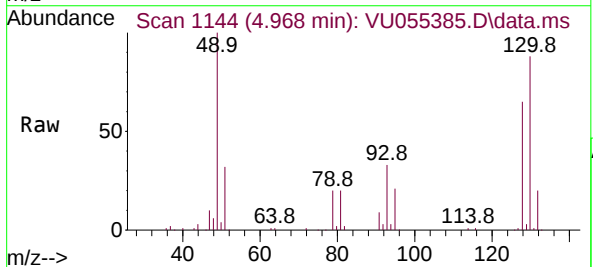
Ion	Ratio	Lower	Upper
96	100		
61	125.0	88.1	163.7
98	61.9	43.5	80.7

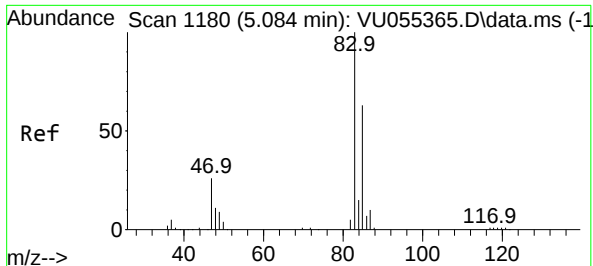


#23
 Bromochloromethane
 Concen: 5.569 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU055385.D
 Acq: 18 Sep 2023 20:45

Tgt Ion: 128 Resp: 53022

Ion	Ratio	Lower	Upper
128	100		
49	154.1	108.1	200.9
130	135.3	84.3	156.5
51	49.2	39.7	59.5





#25

Chloroform

Concen: 5.100 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

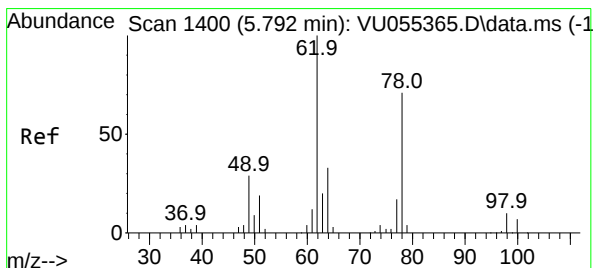
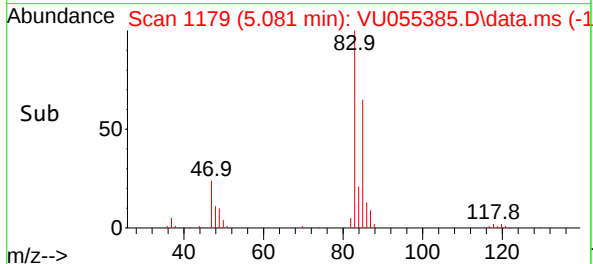
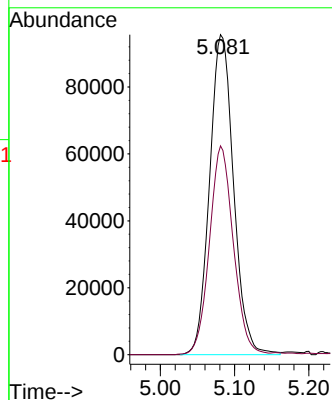
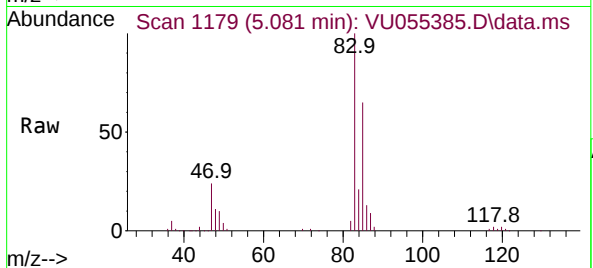
ClientSampleId :

Tgt Ion: 83 Resp: 214860

Ion Ratio Lower Upper

83 100

85 65.2 44.4 82.4



#27

1,2-Dichloroethane

Concen: 4.913 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.003 min

Lab File: VU055385.D

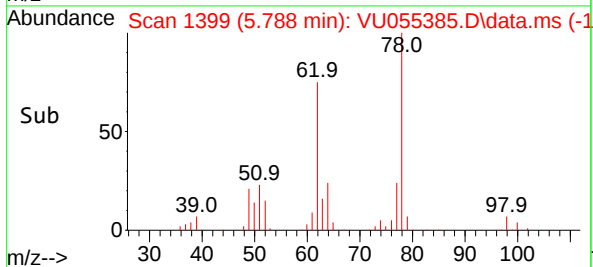
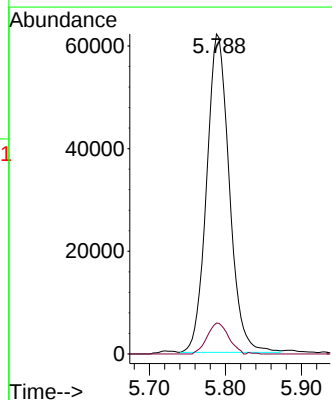
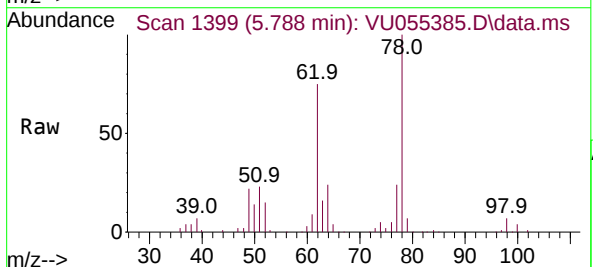
Acq: 18 Sep 2023 20:45

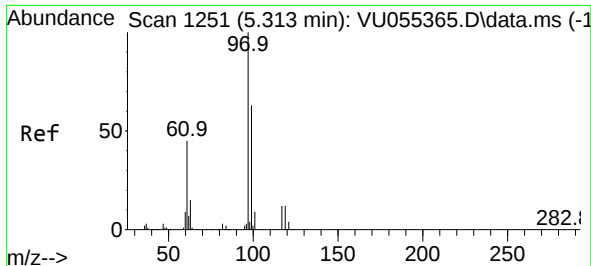
Tgt Ion: 62 Resp: 128316

Ion Ratio Lower Upper

62 100

98 9.7 7.1 10.7

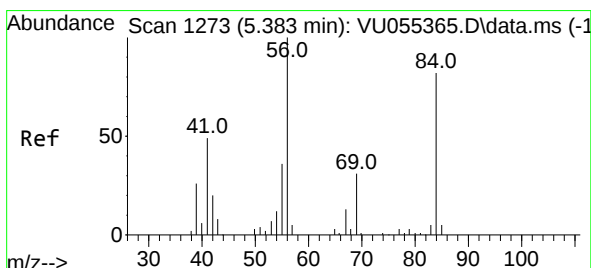
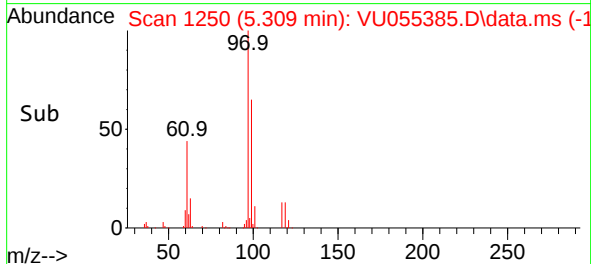
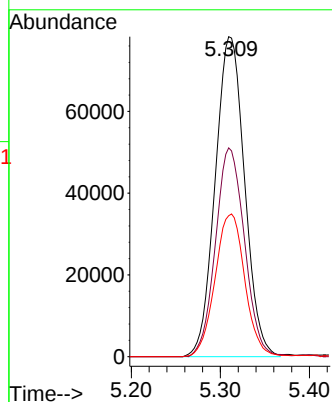
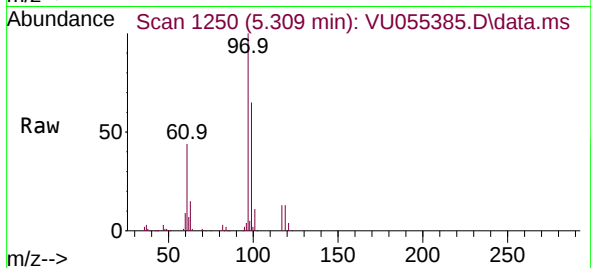




#29
1,1,1-Trichloroethane
Concen: 5.321 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

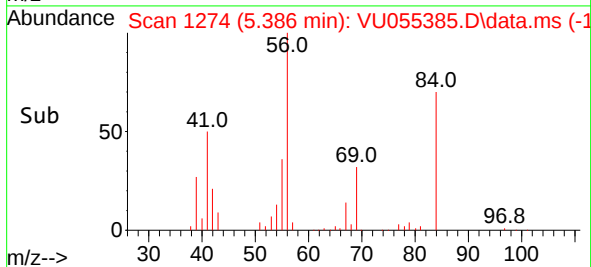
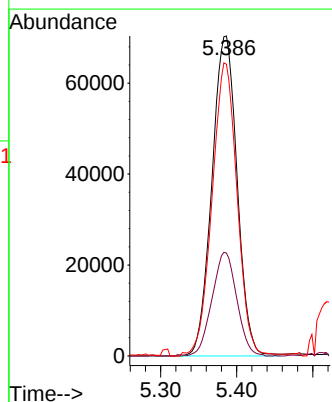
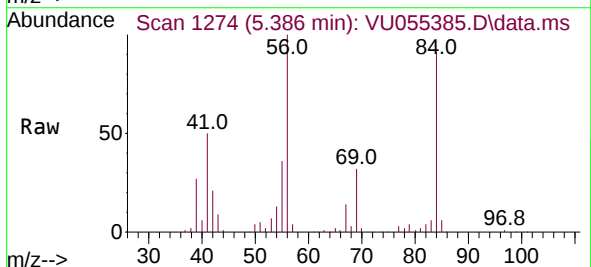
Instrument :
MSVOA_U
ClientSampleId :

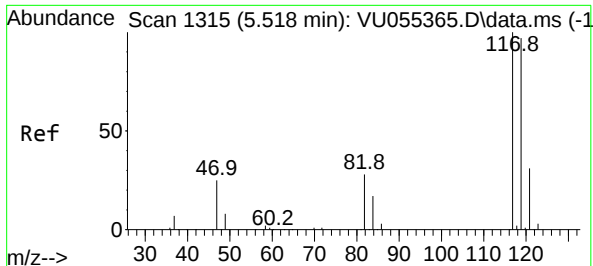
Tgt Ion: 97 Resp: 179542
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 45.3 37.6 56.4



#30
Cyclohexane
Concen: 5.079 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion: 56 Resp: 161788
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.6
84 90.9 70.2 105.4

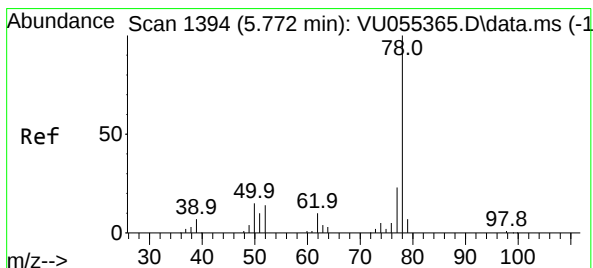
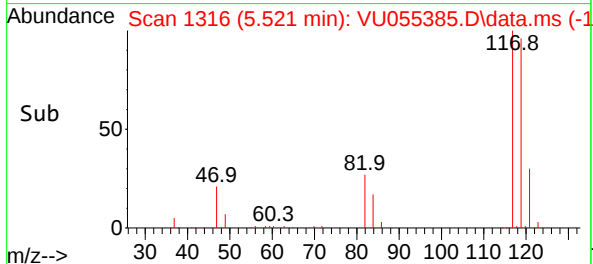
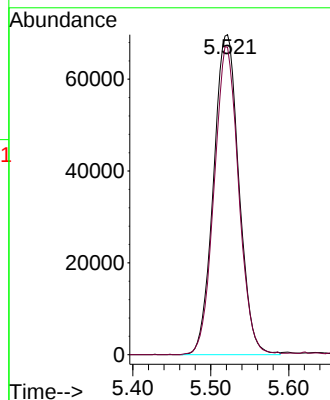
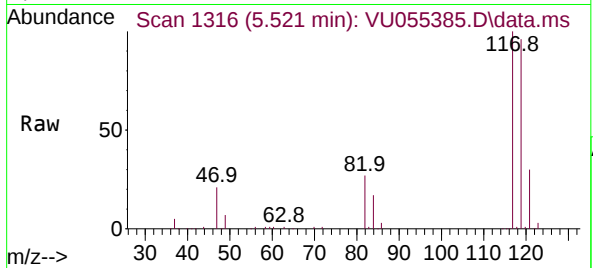




#31
Carbon tetrachloride
Concen: 5.498 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

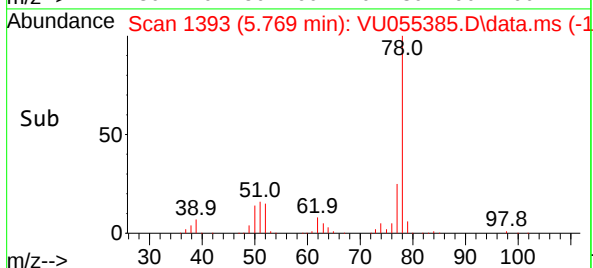
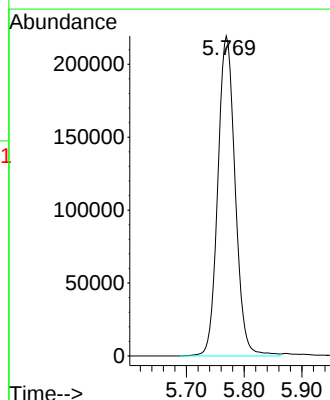
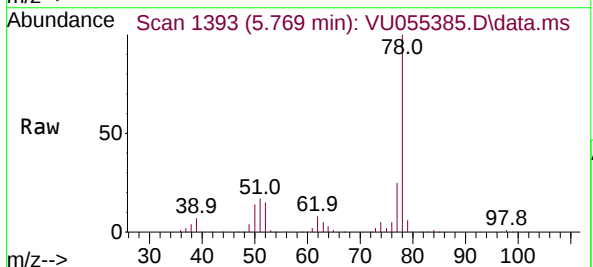
Instrument :
MSVOA_U
ClientSampleId :

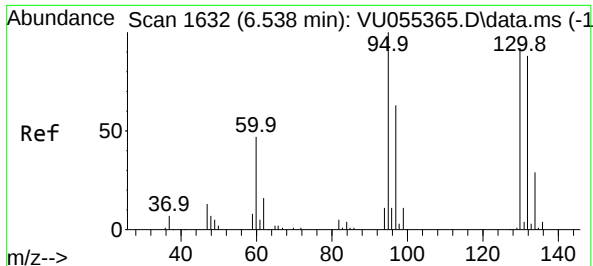
Tgt Ion:117 Resp: 157791
Ion Ratio Lower Upper
117 100
119 93.2 77.5 116.3



#33
Benzene
Concen: 5.211 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion: 78 Resp: 457954



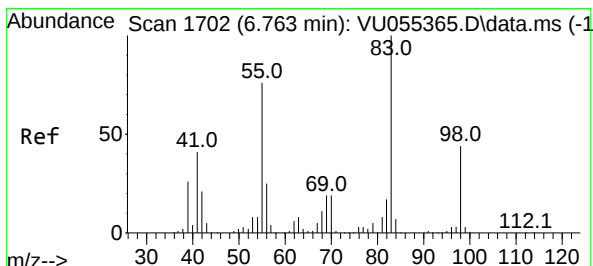
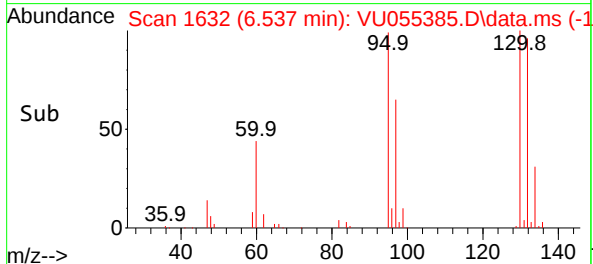
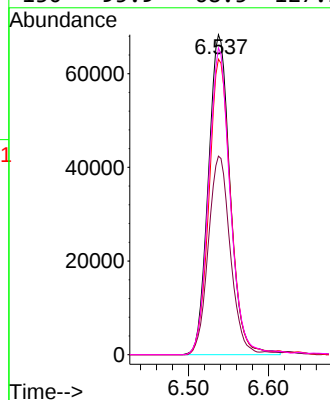
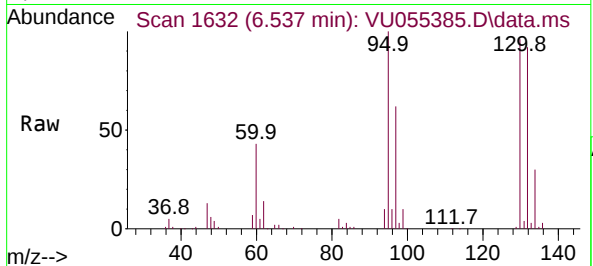


#34
Trichloroethene
Concen: 5.183 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 129658

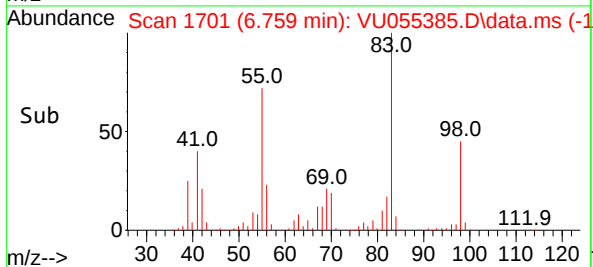
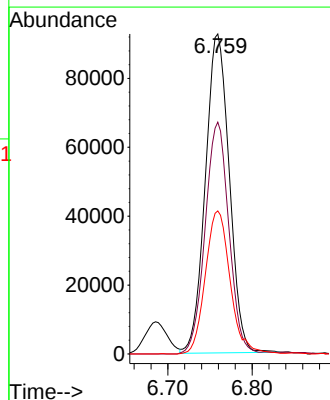
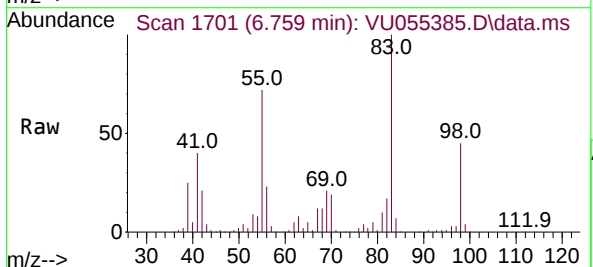
Ion	Ratio	Lower	Upper
95	100		
97	62.1	47.4	88.0
132	92.4	60.5	112.3
130	95.9	68.5	127.1

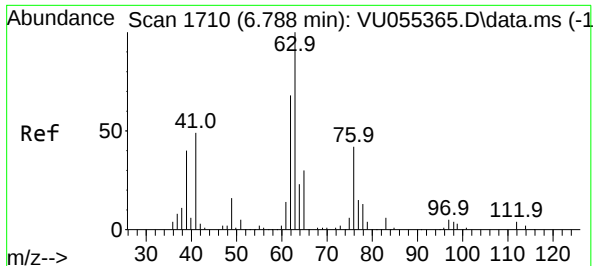


#35
Methylcyclohexane
Concen: 5.032 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion: 83 Resp: 182975

Ion	Ratio	Lower	Upper
83	100		
55	72.1	58.7	88.1
98	46.5	36.3	54.5





#37

1,2-Dichloropropane

Concen: 5.219 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

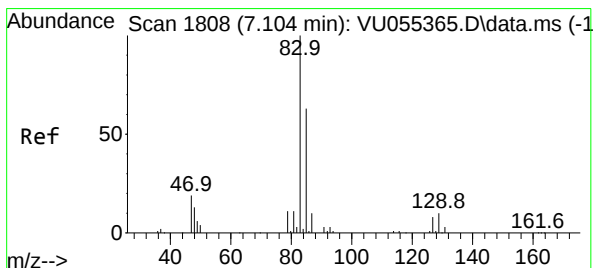
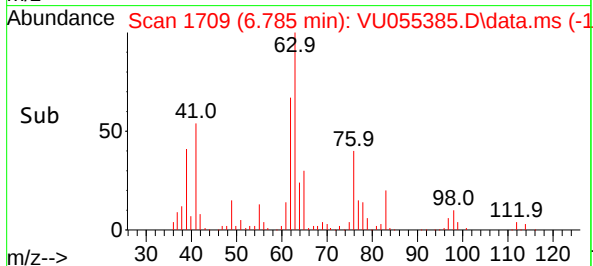
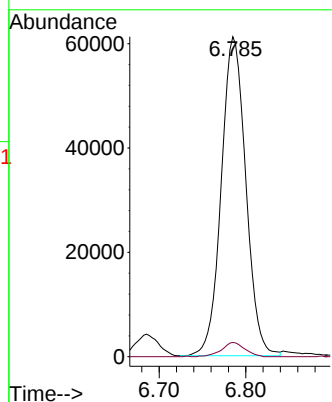
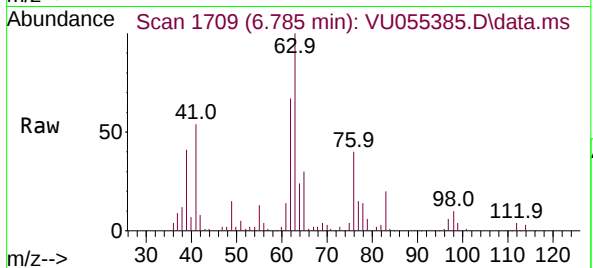
ClientSampleId :

Tgt Ion: 63 Resp: 120446

Ion Ratio Lower Upper

63 100

112 4.2 3.0 4.4



#38

Bromodichloromethane

Concen: 5.231 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

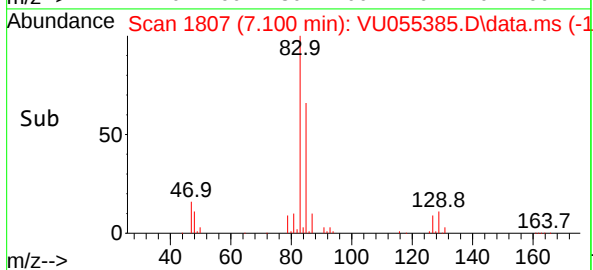
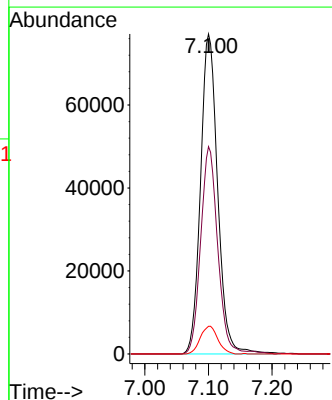
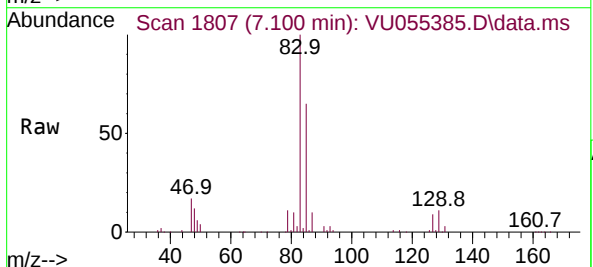
Tgt Ion: 83 Resp: 144059

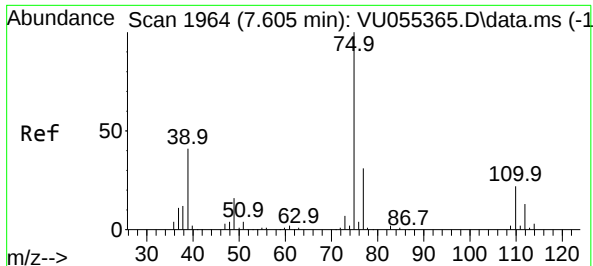
Ion Ratio Lower Upper

83 100

85 64.8 46.3 85.9

127 8.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 5.156 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

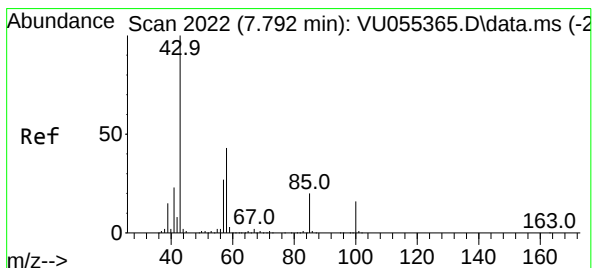
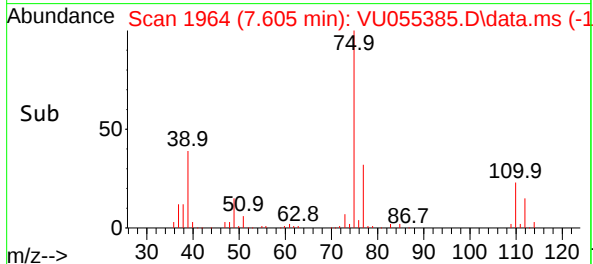
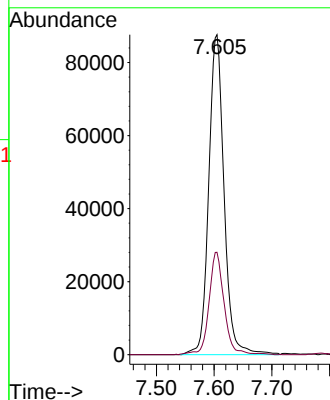
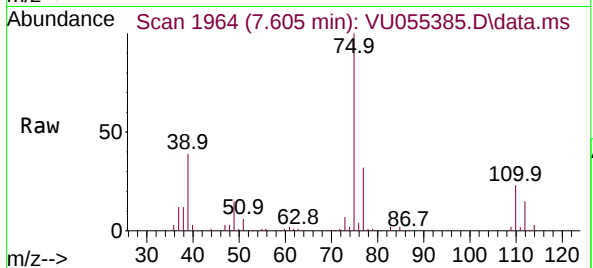
ClientSampleId :

Tgt Ion: 75 Resp: 161730

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.478 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.007 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

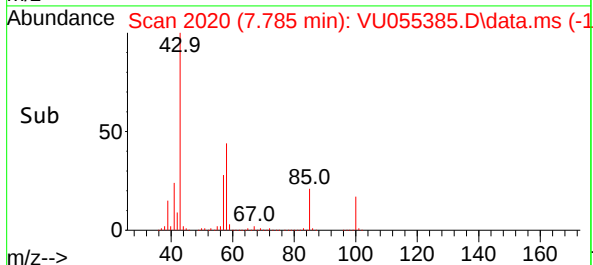
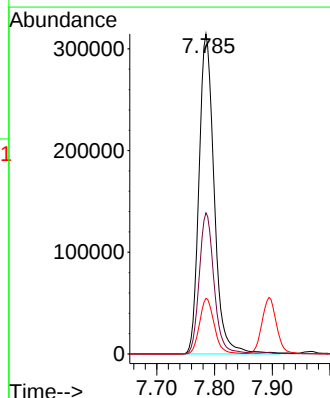
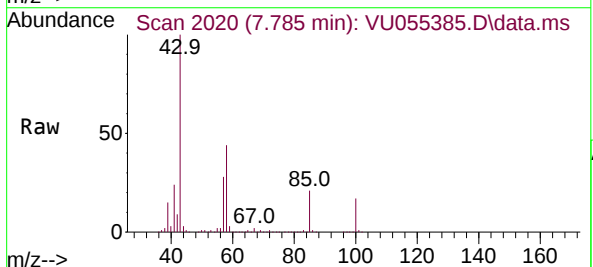
Tgt Ion: 43 Resp: 574729

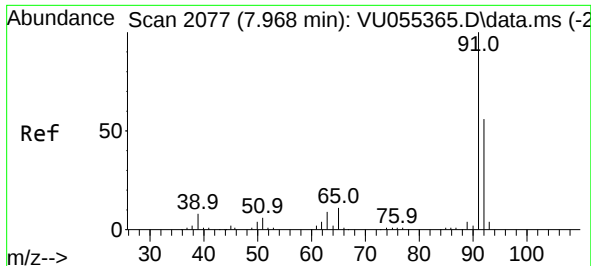
Ion Ratio Lower Upper

43 100

58 43.1 32.9 49.3

100 16.8 12.9 19.3





#42

Toluene

Concen: 5.207 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. -0.003 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

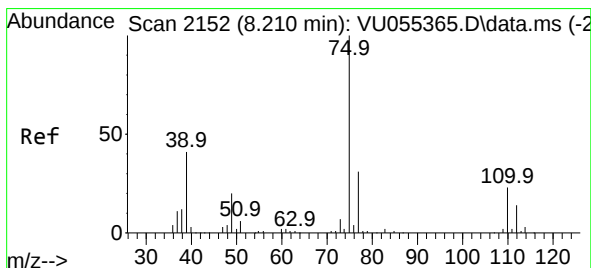
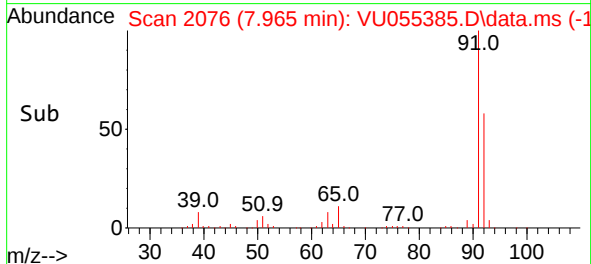
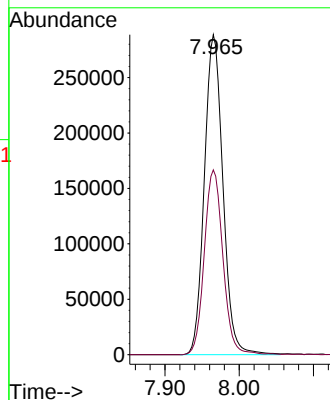
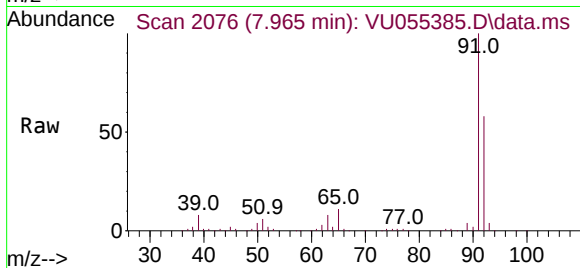
ClientSampleId :

Tgt Ion: 91 Resp: 501485

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.206 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055385.D

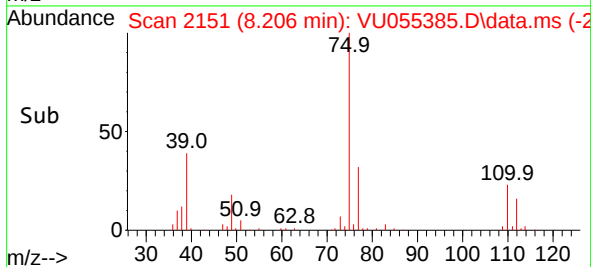
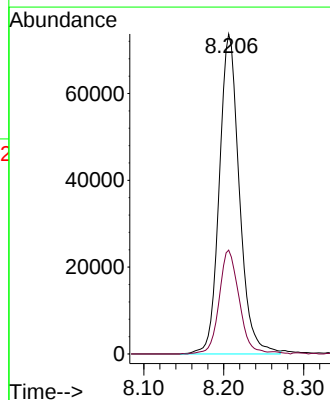
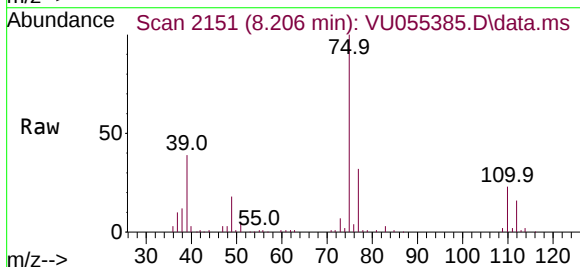
Acq: 18 Sep 2023 20:45

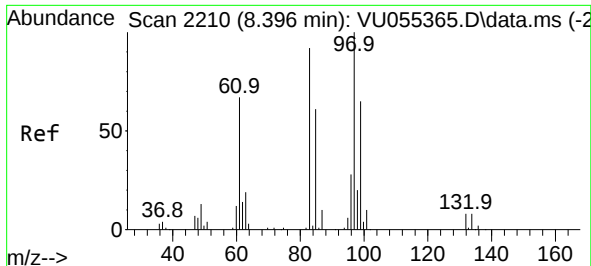
Tgt Ion: 75 Resp: 128031

Ion Ratio Lower Upper

75 100

77 32.5 23.2 43.0

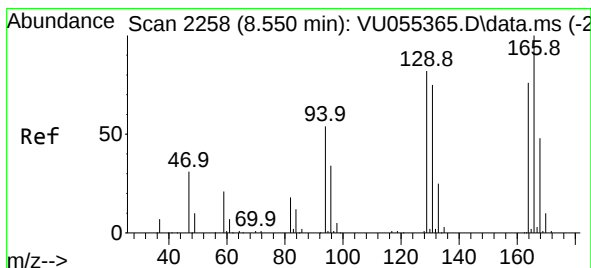
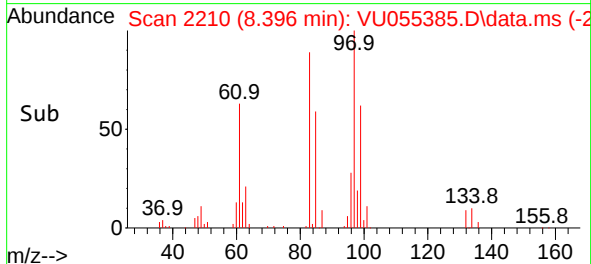
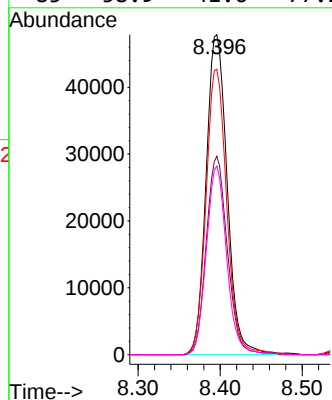
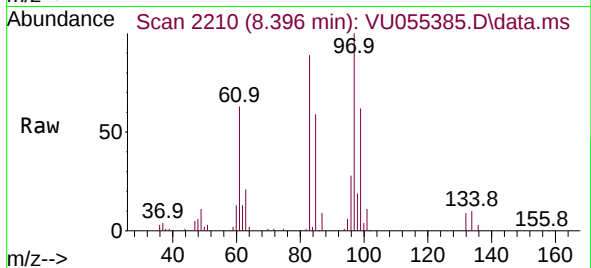




#45
1,1,2-Trichloroethane
Concen: 5.338 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

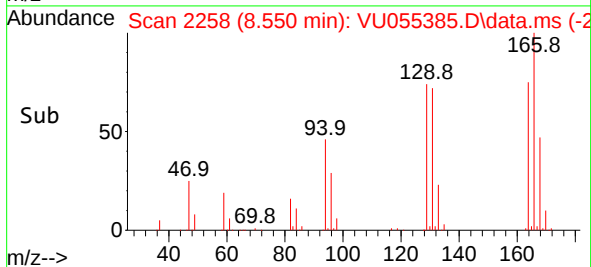
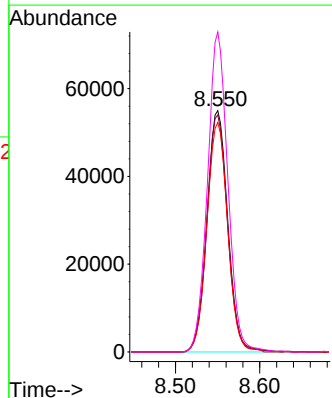
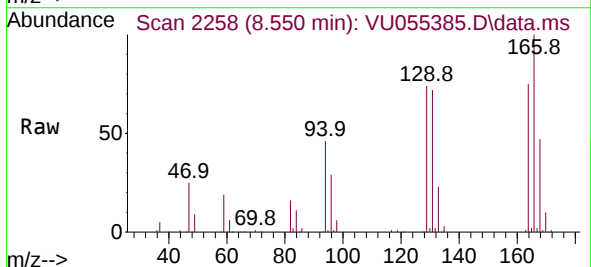
Instrument :
MSVOA_U
ClientSampleId :

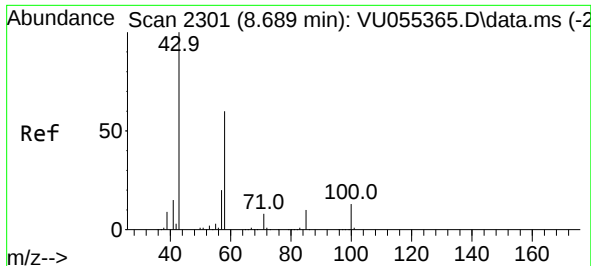
Tgt Ion:	97	Resp:	85404
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.4	78.6
83	89.2	61.3	113.9
85	58.9	41.6	77.2



#47
Tetrachloroethene
Concen: 5.503 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

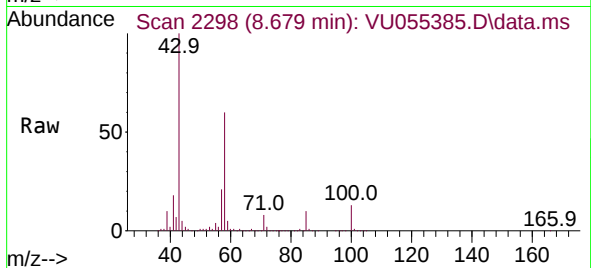
Tgt Ion:	164	Resp:	94347
Ion	Ratio	Lower	Upper
164	100		
129	98.3	76.3	141.7
131	95.1	69.1	128.3
166	132.6	87.8	163.2



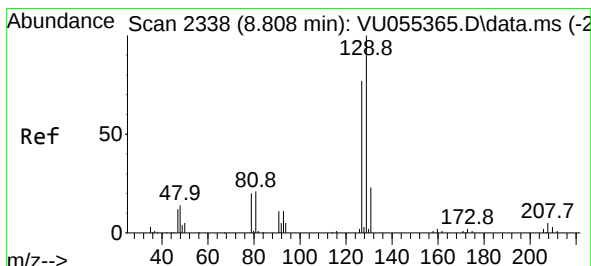
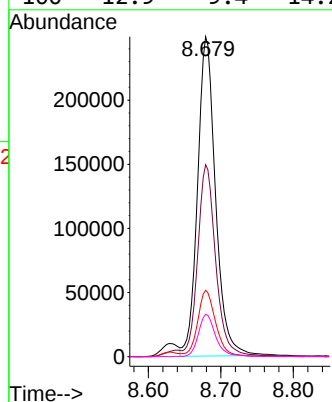
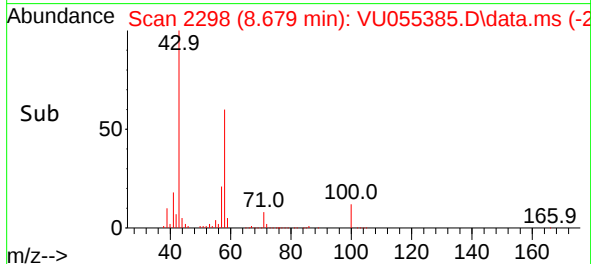


#48
2-Hexanone
Concen: 52.081 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Instrument :
MSVOA_U
ClientSampleId :

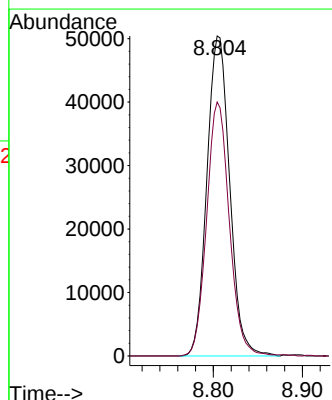
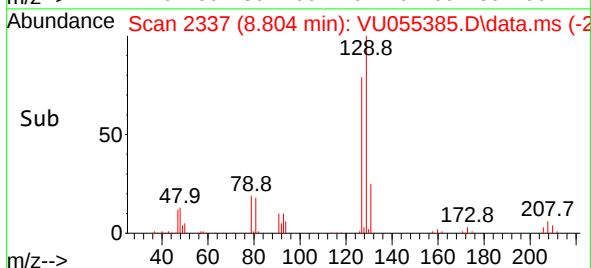
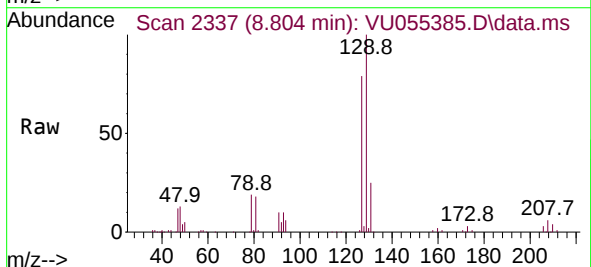


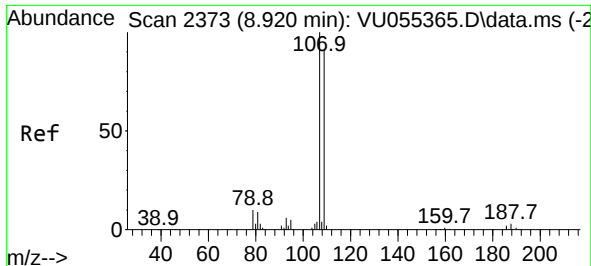
Tgt Ion: 43 Resp: 429874
Ion Ratio Lower Upper
43 100
58 59.3 47.8 71.6
57 20.7 15.4 23.2
100 12.9 9.4 14.2



#49
Dibromochloromethane
Concen: 5.460 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion: 129 Resp: 89371
Ion Ratio Lower Upper
129 100
127 79.3 53.4 99.2





#50

1,2-Dibromoethane

Concen: 5.359 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055385.D

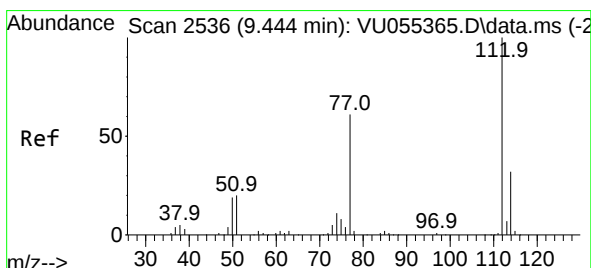
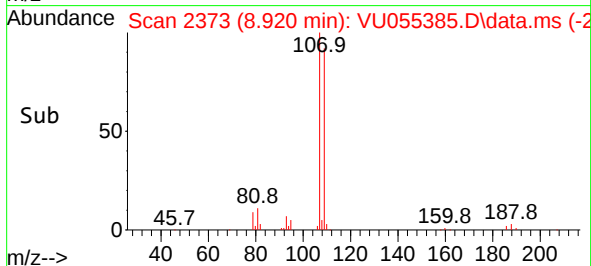
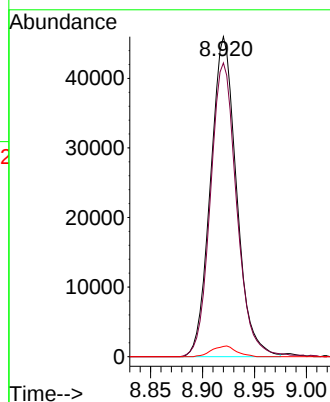
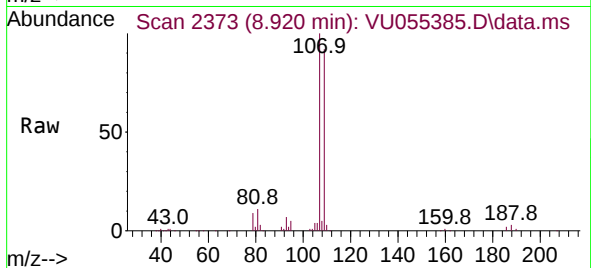
Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	79953
Ion	Ratio	Lower	Upper
107	100		
109	91.8	66.6	123.8
188	3.2	2.1	3.1#



#51

Chlorobenzene

Concen: 5.065 ug/L

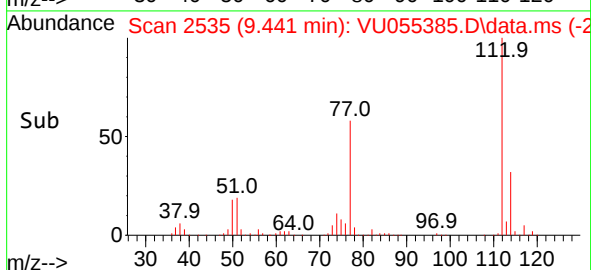
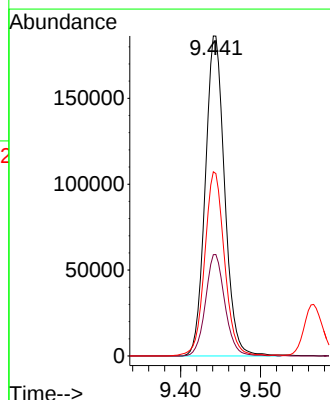
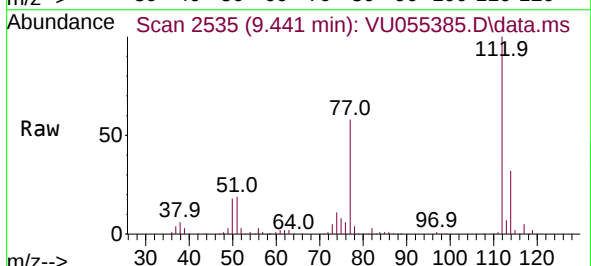
RT: 9.441 min Scan# 2535

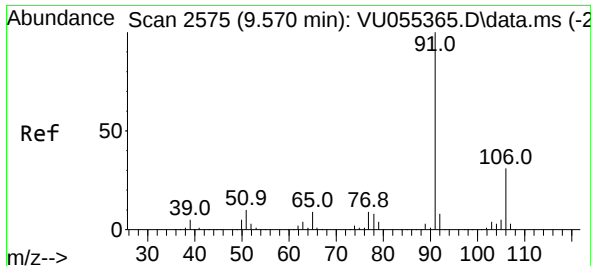
Delta R.T. -0.003 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Tgt Ion:	112	Resp:	314642
Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.8	40.6
77	57.6	47.4	71.0

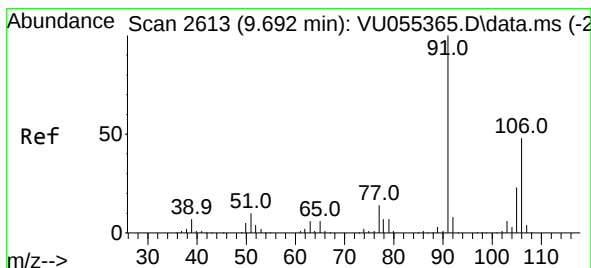
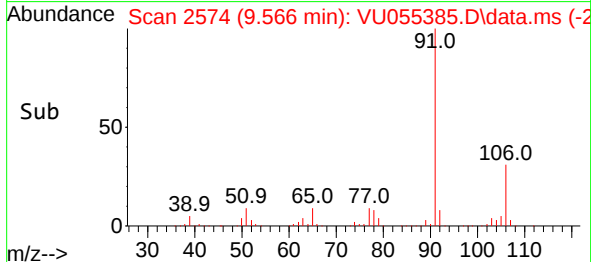
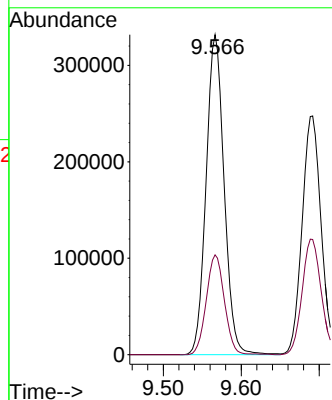
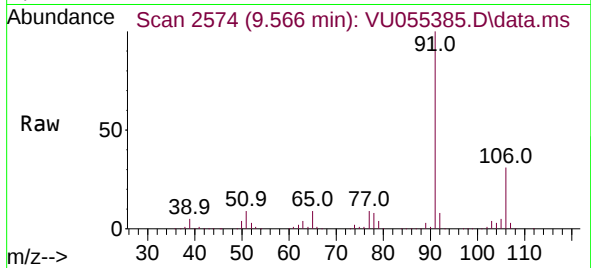




#52
Ethylbenzene
Concen: 5.048 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

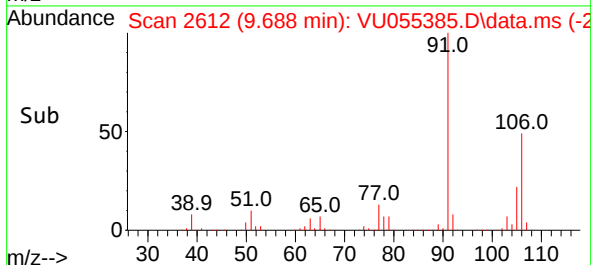
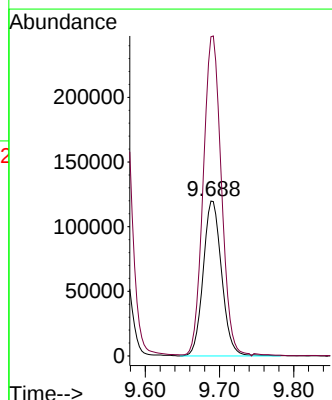
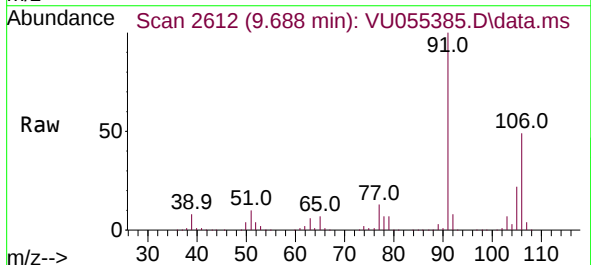
Instrument :
MSVOA_U
ClientSampleId :

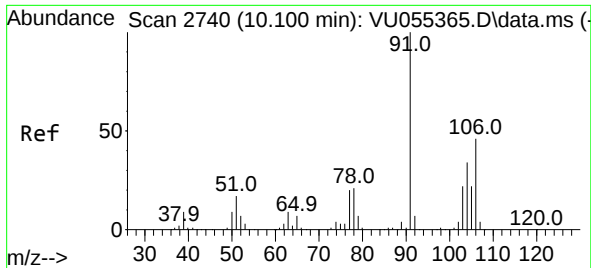
Tgt Ion: 91 Resp: 533803
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.160 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion: 106 Resp: 206389
Ion Ratio Lower Upper
106 100
91 206.1 143.3 266.1

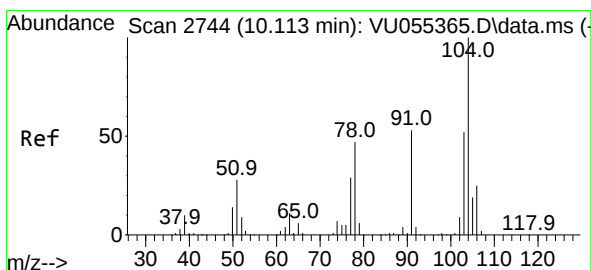
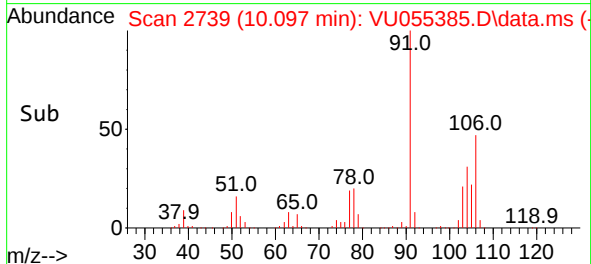
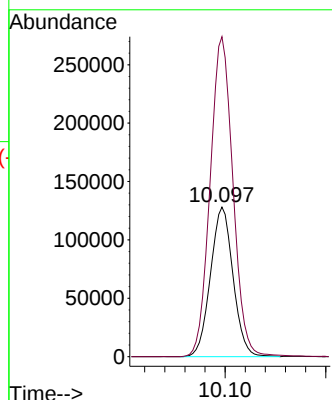
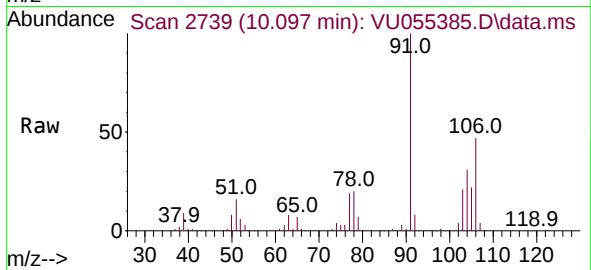




#54
o-Xylene
Concen: 5.272 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

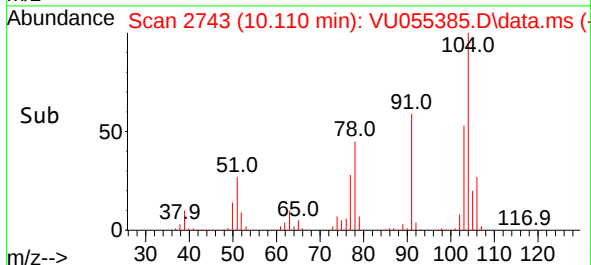
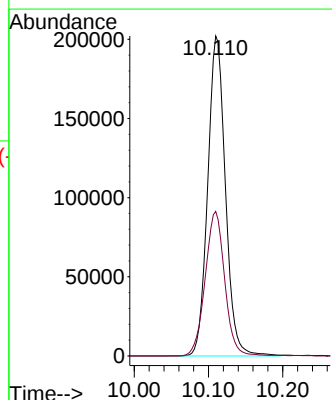
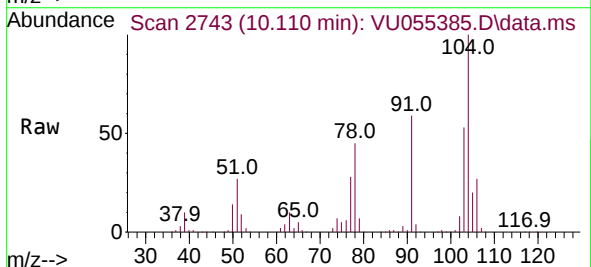
Instrument :
MSVOA_U
ClientSampleId :

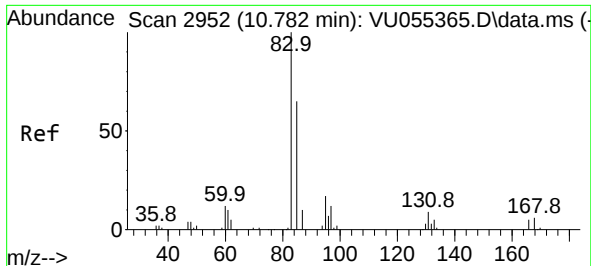
Tgt Ion:106 Resp: 200061
Ion Ratio Lower Upper
106 100
91 213.8 155.6 289.0



#55
Styrene
Concen: 5.278 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion:104 Resp: 334505
Ion Ratio Lower Upper
104 100
78 45.2 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.581 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU055385.D

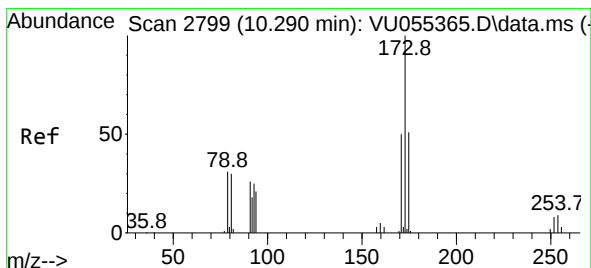
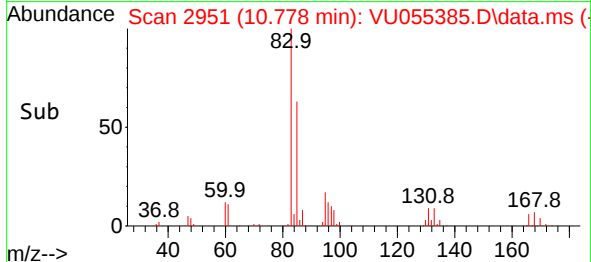
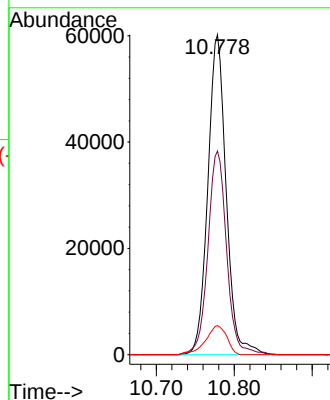
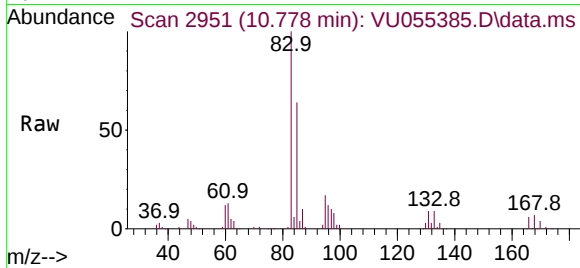
Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	98187
Ion Ratio	Lower	Upper	
83	100		
85	63.6	43.3	80.5
131	9.1	7.2	10.8



#59

Bromoform

Concen: 5.537 ug/L

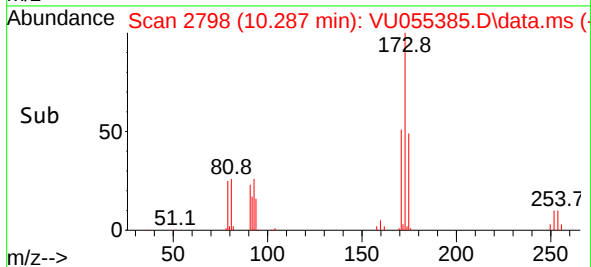
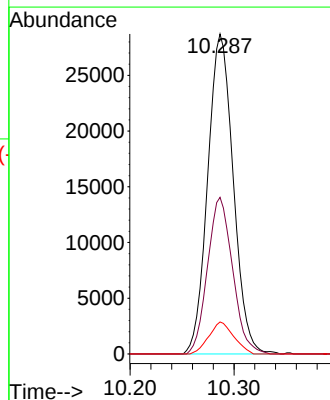
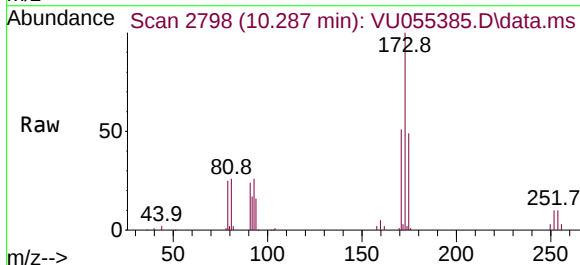
RT: 10.287 min Scan# 2798

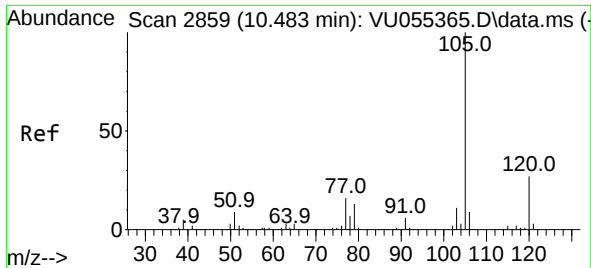
Delta R.T. -0.003 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Tgt Ion:	173	Resp:	49012
Ion Ratio	Lower	Upper	
173	100		
175	48.0	38.1	57.1
254	9.7	6.8	10.2

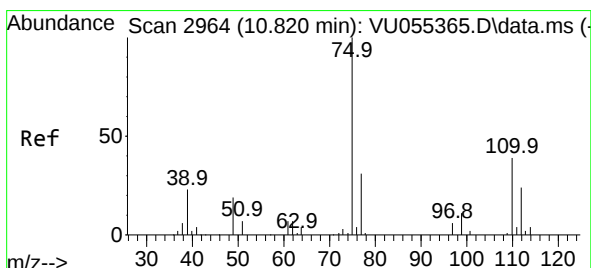
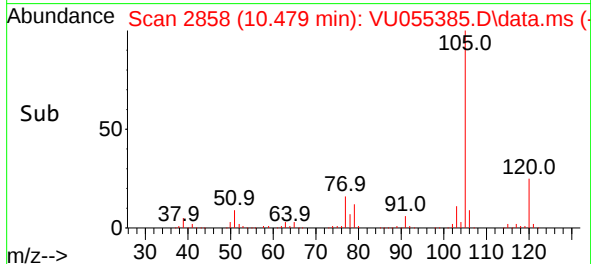
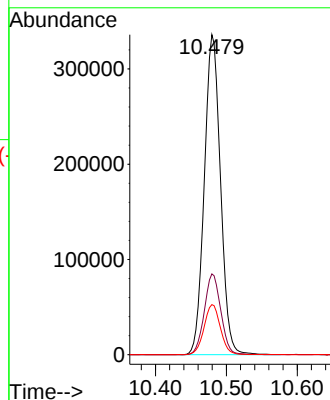
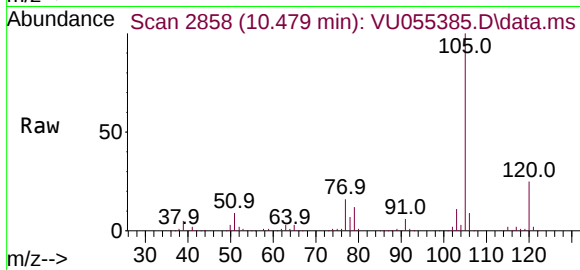




#60
Isopropylbenzene
Concen: 4.800 ug/L
RT: 10.479 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

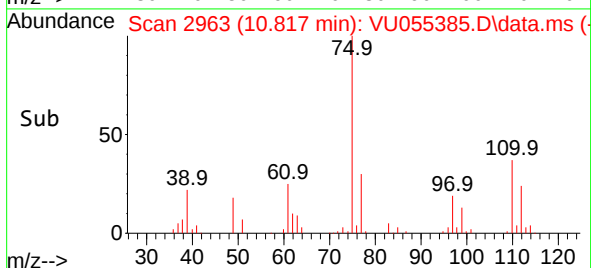
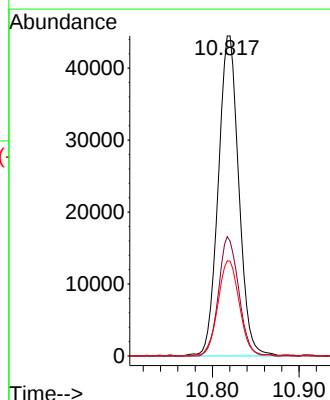
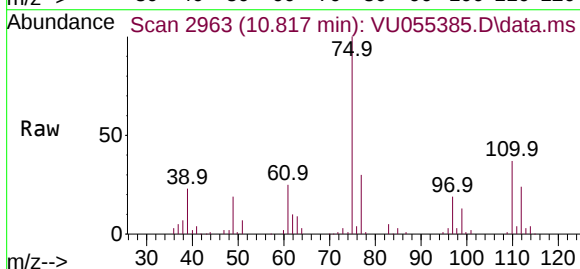
Instrument :
MSVOA_U
ClientSampleId :

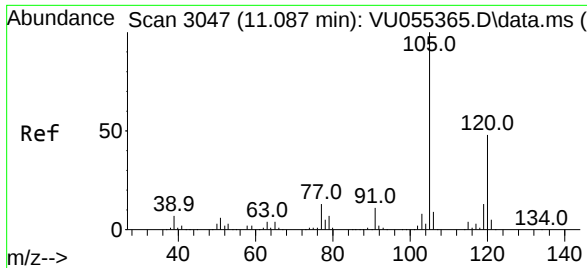
Tgt Ion:105 Resp: 532917
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.4
77 15.8 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 4.968 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

Tgt Ion: 75 Resp: 73162
Ion Ratio Lower Upper
75 100
110 36.7 31.4 47.2
77 30.9 26.0 39.0

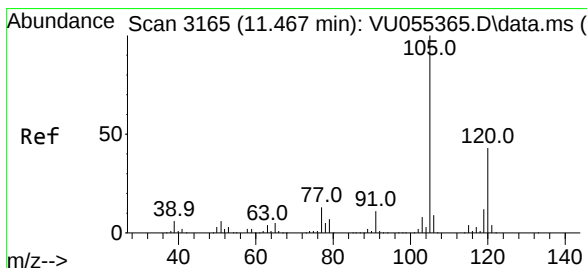
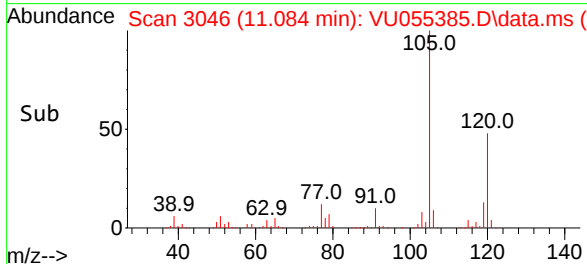
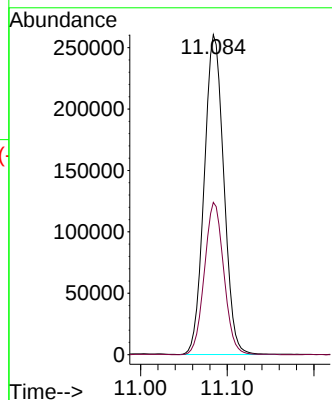
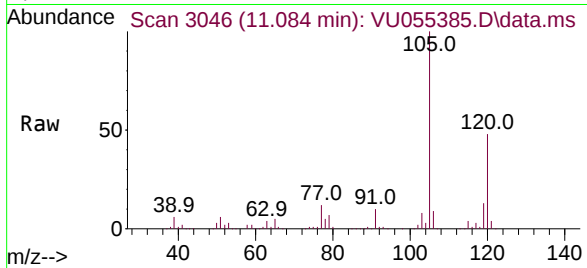




#62
1,3,5-Trimethylbenzene
Concen: 4.780 ug/L
RT: 11.084 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

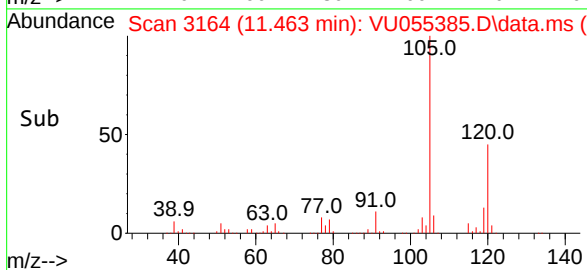
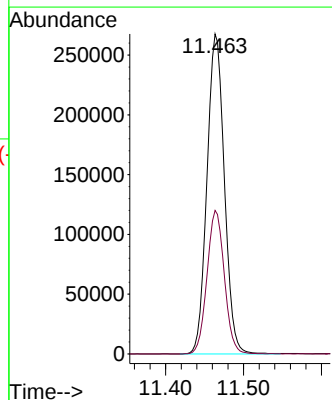
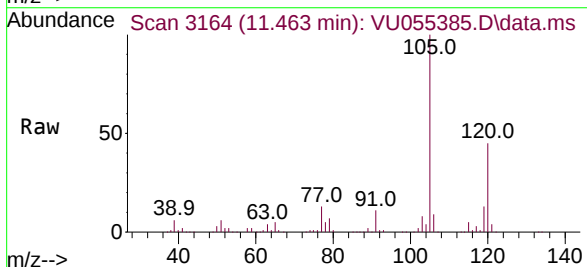
Instrument :
MSVOA_U
ClientSampleId :

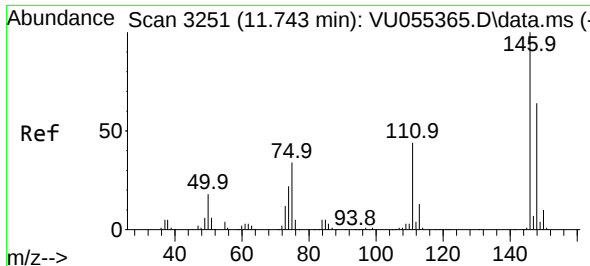
Tgt Ion:105 Resp: 407987
Ion Ratio Lower Upper
105 100
120 47.3 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.791 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

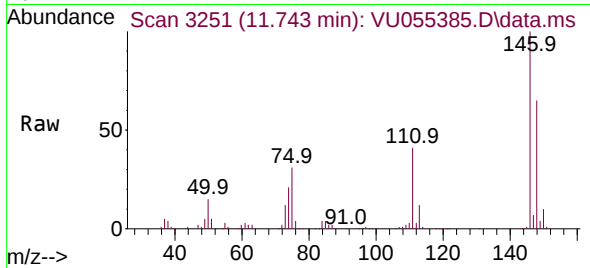
Tgt Ion:105 Resp: 415156
Ion Ratio Lower Upper
105 100
120 44.7 34.6 52.0



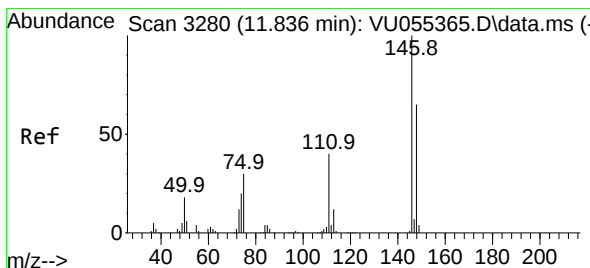
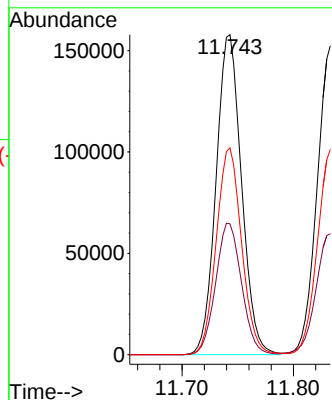
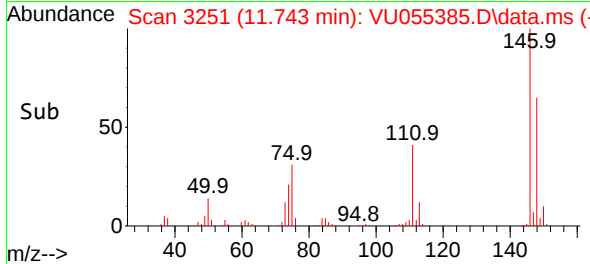


#64
1,3-Dichlorobenzene
Concen: 4.898 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45

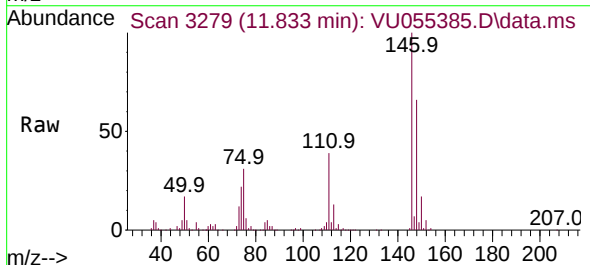
Instrument :
MSVOA_U
ClientSampleId :



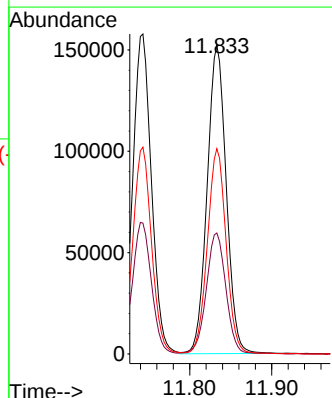
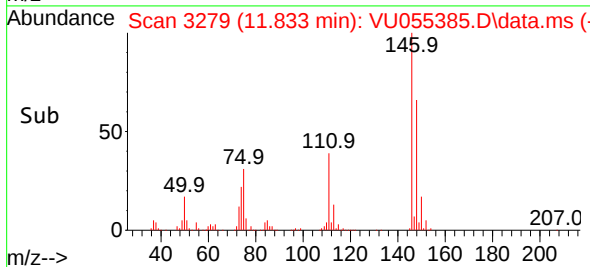
Tgt Ion:146 Resp: 250548
Ion Ratio Lower Upper
146 100
111 40.9 30.4 56.4
148 64.6 44.9 83.5

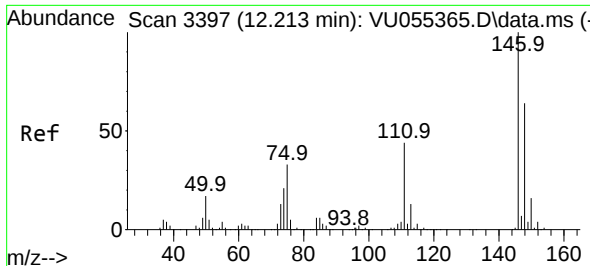


#65
1,4-Dichlorobenzene
Concen: 4.911 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU055385.D
Acq: 18 Sep 2023 20:45



Tgt Ion:146 Resp: 245520
Ion Ratio Lower Upper
146 100
111 39.1 28.7 53.3
148 66.4 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.038 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

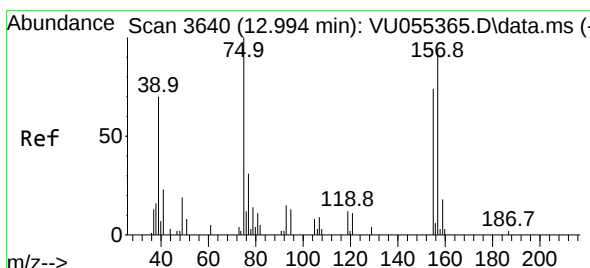
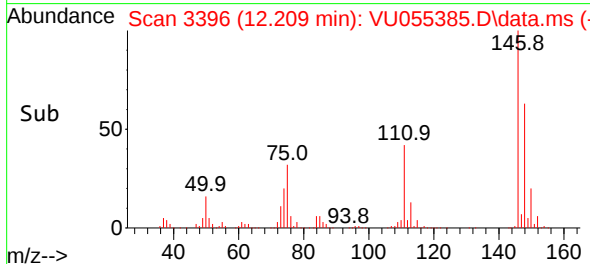
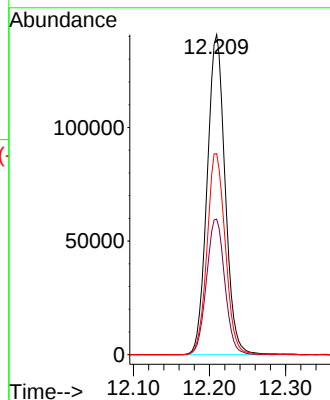
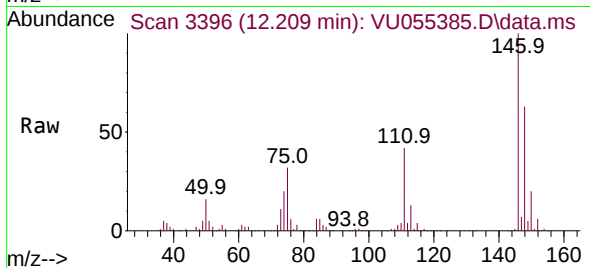
Tgt Ion:146 Resp: 231019

Ion Ratio Lower Upper

146 100

111 42.4 35.4 53.0

148 62.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.769 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

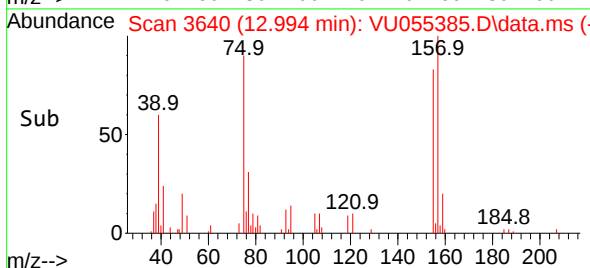
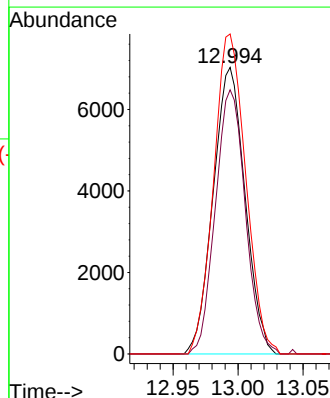
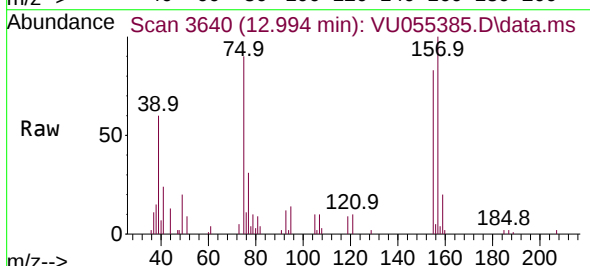
Tgt Ion: 75 Resp: 12008

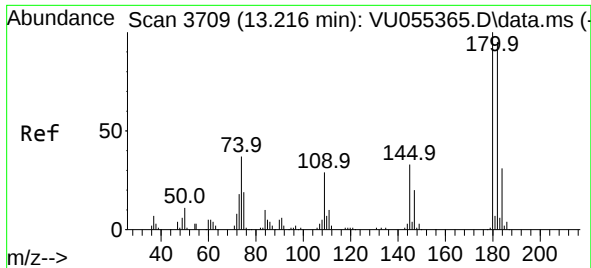
Ion Ratio Lower Upper

75 100

155 92.2 53.7 80.5#

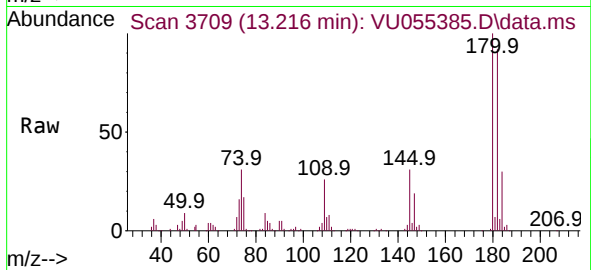
157 111.7 72.4 108.6#



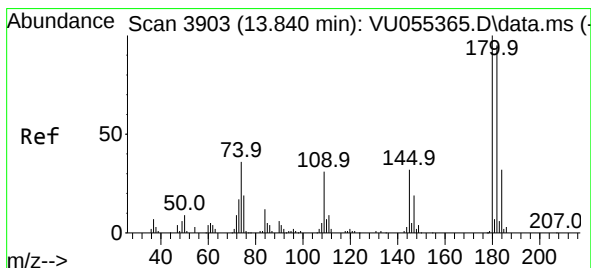
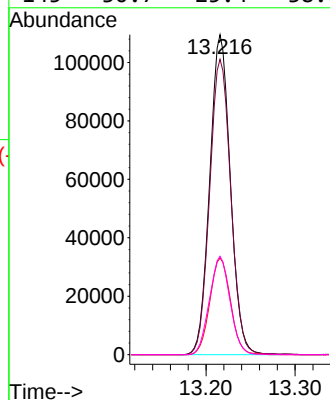
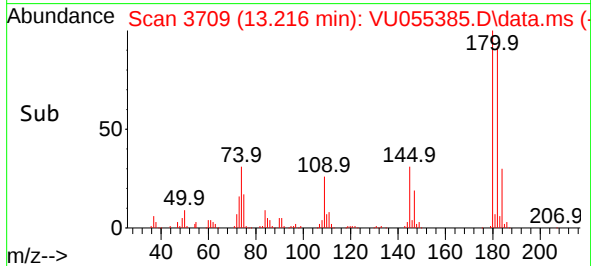


#69
 1,3,5-Trichlorobenzene
 Concen: 5.041 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055385.D
 Acq: 18 Sep 2023 20:45

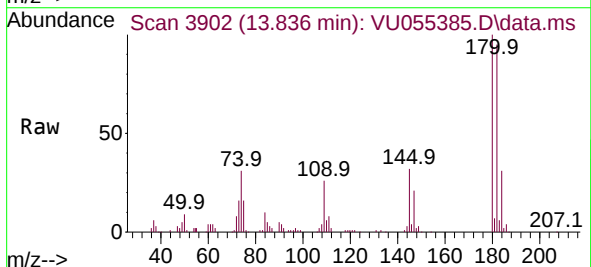
Instrument :
 MSVOA_U
 ClientSampleId :



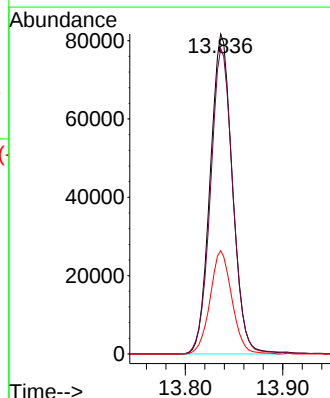
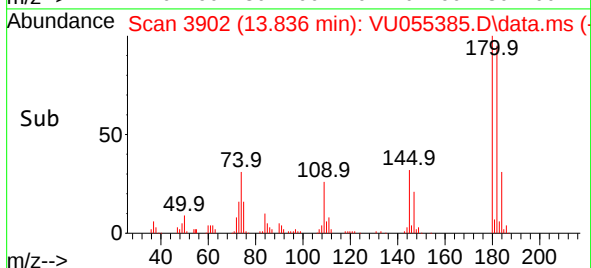
Tgt Ion:180 Resp: 175641
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.4 116.2
 184 30.3 24.5 36.7
 145 30.7 25.4 38.0

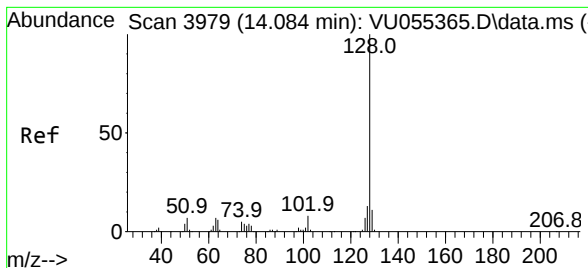


#70
 1,2,4-trichlorobenzene
 Concen: 4.839 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.003 min
 Lab File: VU055385.D
 Acq: 18 Sep 2023 20:45



Tgt Ion:180 Resp: 129416
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.3 114.5
 145 31.7 25.8 38.8





#71

Naphthalene

Concen: 4.420 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Instrument :

MSVOA_U

ClientSampleId :

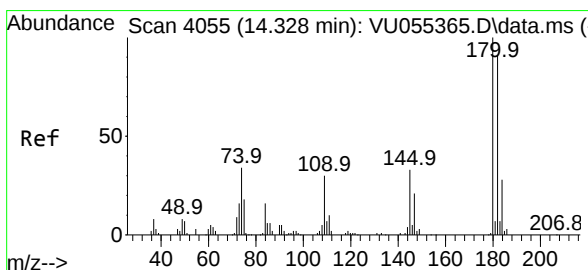
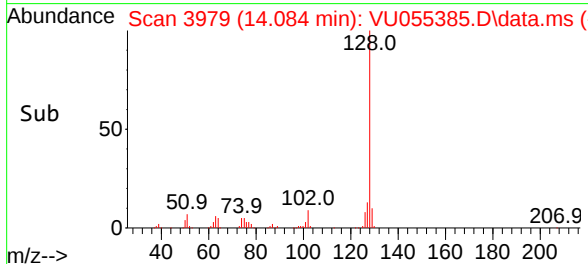
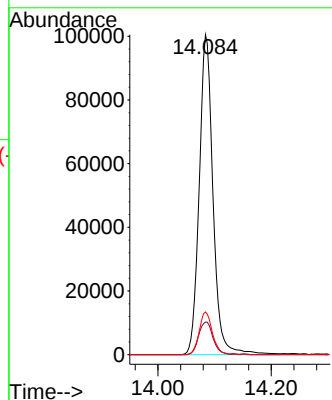
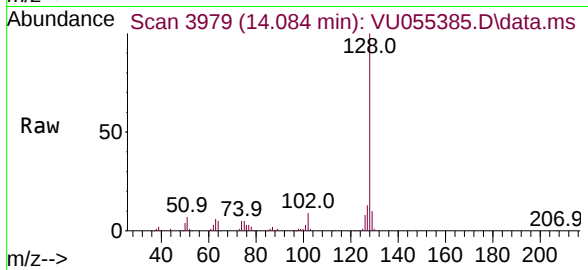
Tgt Ion:128 Resp: 169983

Ion Ratio Lower Upper

128 100

129 10.6 8.2 12.4

127 12.8 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.897 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.003 min

Lab File: VU055385.D

Acq: 18 Sep 2023 20:45

Tgt Ion:180 Resp: 113377

Ion Ratio Lower Upper

180 100

182 97.2 74.6 112.0

145 34.3 27.3 40.9

