

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055389.D
 Acq On : 19 Sep 2023 13:06
 Operator : MD/SY
 Sample : VSTD0.561
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 05:24:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 05:24:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	240622	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	249112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	124200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	11990	0.763	ug/L	0.00
7) Chloroethane-d5	1.911	69	10164	0.620	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	65	5101	0.864	ug/L	0.00
20) 2-Butanone-d5	4.656	46	20650	5.301	ug/L	0.03
24) Chloroform-d	5.062	84	20174	0.608	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	10049	0.607	ug/L	0.00
32) Benzene-d6	5.727	84	40191	0.682	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.692	67	12837	0.665	ug/L	0.00
41) Toluene-d8	7.898	98	35685	0.688	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3505	0.508	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	10345	4.392	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	9024	0.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	12862	0.730	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	12701	0.555	ug/L	97
3) Chloromethane	1.515	50	11435	0.532	ug/L	98
5) Vinyl chloride	1.602	62	11903	0.510	ug/L	92
6) Bromomethane	1.856	94	7385	0.427	ug/L	97
8) Chloroethane	1.933	64	7584	0.419	ug/L	86
9) Trichlorofluoromethane	2.136	101	15334	0.425	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	9895	0.526	ug/L	93
12) 1,1-Dichloroethene	2.579	96	8424	0.501	ug/L	81
13) Acetone	2.657	43	12587	5.122	ug/L	91
14) Carbon disulfide	2.792	76	25643	0.489	ug/L	99
15) Methyl Acetate	2.959	43	2853	0.493	ug/L #	85
16) Methylene chloride	3.039	84	11577	0.466	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	18546	0.470	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	8613	0.474	ug/L	84
19) 1,1-Dichloroethane	3.865	63	16185	0.463	ug/L	98
21) 2-Butanone	4.730	43	19442	4.887	ug/L	82
22) cis-1,2-Dichloroethene	4.669	96	10757	0.507	ug/L	88
23) Bromochloromethane	4.978	128	4570	0.527	ug/L #	94
25) Chloroform	5.087	83	17542	0.463	ug/L	96
27) 1,2-Dichloroethane	5.798	62	11347	0.485	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	14986	0.486	ug/L	97
30) Cyclohexane	5.386	56	12722	0.442	ug/L	99
31) Carbon tetrachloride	5.521	117	12184	0.460	ug/L	97
33) Benzene	5.772	78	37054	0.464	ug/L	100
34) Trichloroethene	6.541	95	11499	0.506	ug/L	93
35) Methylcyclohexane	6.762	83	14143	0.431	ug/L	98
37) 1,2-Dichloropropane	6.788	63	10240	0.493	ug/L	99
38) Bromodichloromethane	7.103	83	11489	0.460	ug/L	93
39) cis-1,3-Dichloropropene	7.608	75	11121	0.389	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	42996	4.365	ug/L	99
42) Toluene	7.968	91	37181	0.428	ug/L	98
44) trans-1,3-Dichloropropene	8.213	75	9496	0.423	ug/L	99

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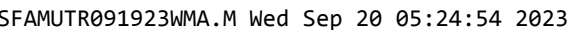
Instrument :
 MSVOA_U
 ClientSampleId :

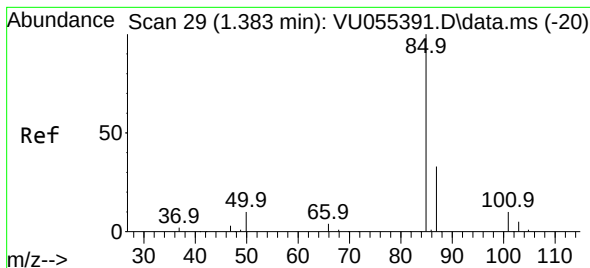
Quant Time: Sep 20 05:24:45 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.402	97	6871	0.469	ug/L	94
47) Tetrachloroethene	8.550	164	7319	0.462	ug/L	98
48) 2-Hexanone	8.685	43	31884	4.298	ug/L	94
49) Dibromochloromethane	8.807	129	6612	0.442	ug/L	81
50) 1,2-Dibromoethane	8.923	107	6387	0.472	ug/L #	95
51) Chlorobenzene	9.444	112	25205	0.450	ug/L	99
52) Ethylbenzene	9.569	91	38748	0.409	ug/L	97
53) m,p-Xylene	9.695	106	13791	0.386	ug/L	94
54) o-Xylene	10.100	106	13889	0.410	ug/L	97
55) Styrene	10.116	104	19939	0.351	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	7758	0.483	ug/L	91
59) Bromoform	10.290	173	3478	0.488	ug/L #	91
60) Isopropylbenzene	10.483	105	35072	0.406	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	5365	0.462	ug/L	94
62) 1,3,5-Trimethylbenzene	11.087	105	27328	0.409	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	26821	0.398	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	18214	0.452	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	19026	0.485	ug/L	91
67) 1,2-Dichlorobenzene	12.212	146	16769	0.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	636	0.320	ug/L	89
69) 1,3,5-Trichlorobenzene	13.222	180	12707	0.461	ug/L	96
70) 1,2,4-trichlorobenzene	13.843	180	9735	0.456	ug/L	97
71) Naphthalene	14.093	128	12120	0.394	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.328	180	8294	0.445	ug/L	95

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

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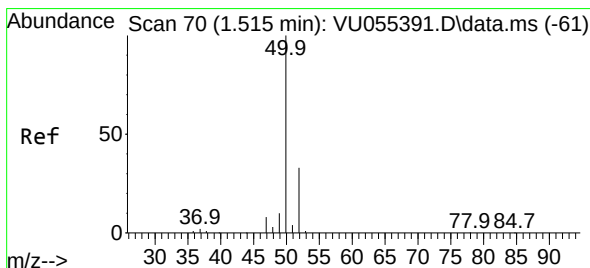
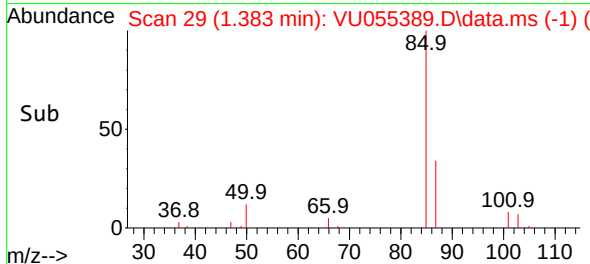
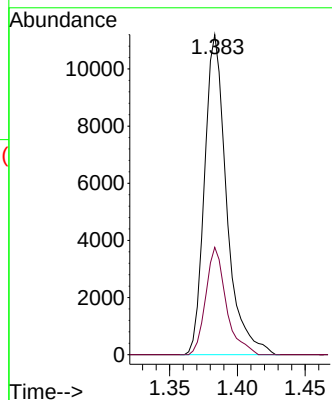
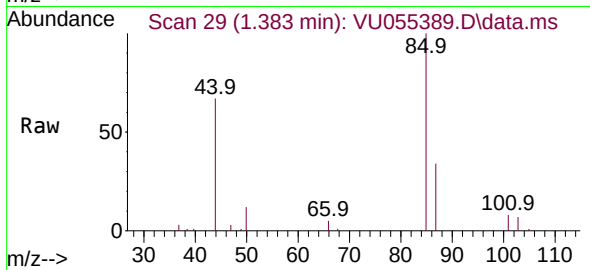




#2
 Dichlorodifluoromethane
 Concen: 0.555 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055389.D
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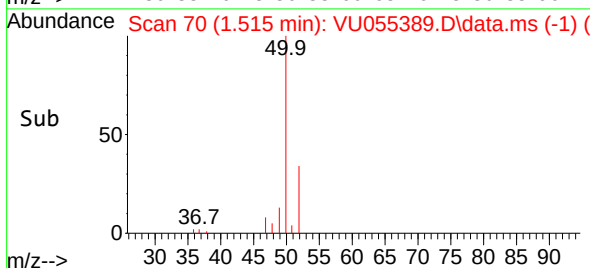
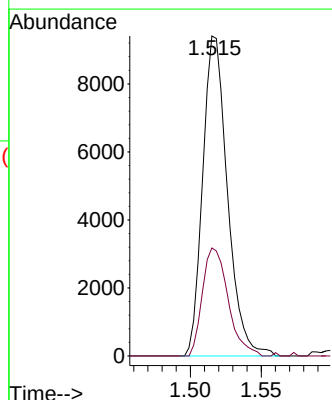
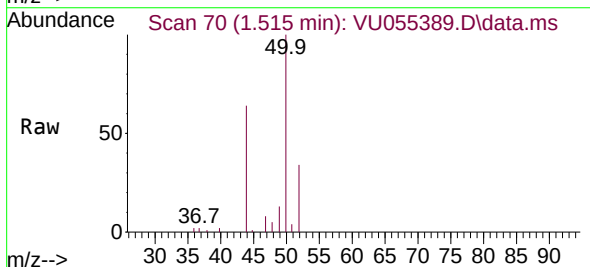
Instrument :
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 ClientSampleId :

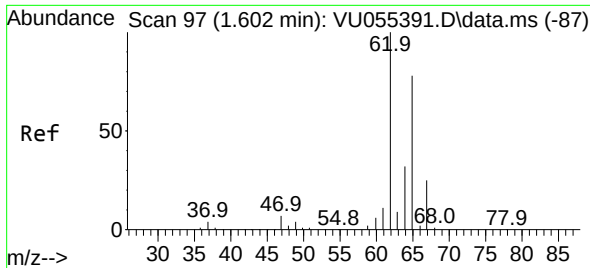
Tgt Ion: 85 Resp: 12701
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.0 39.0



#3
 Chloromethane
 Concen: 0.532 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06

Tgt Ion: 50 Resp: 11435
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.9 42.5

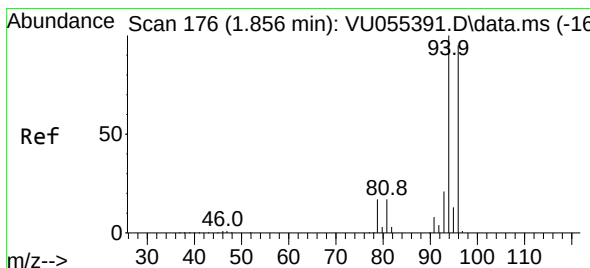
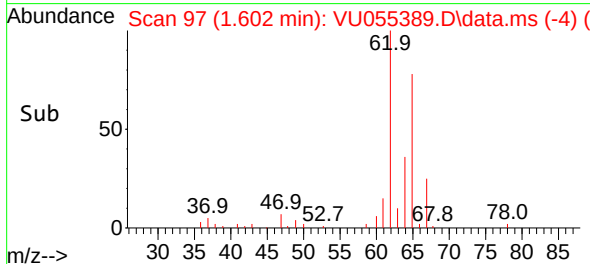
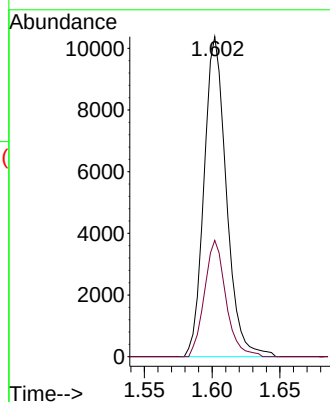
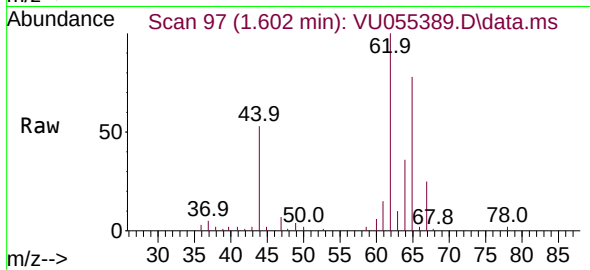




#5
 Vinyl chloride
 Concen: 0.510 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06

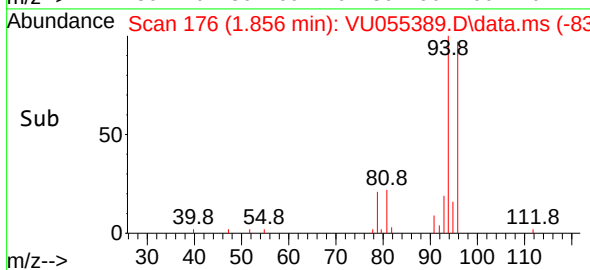
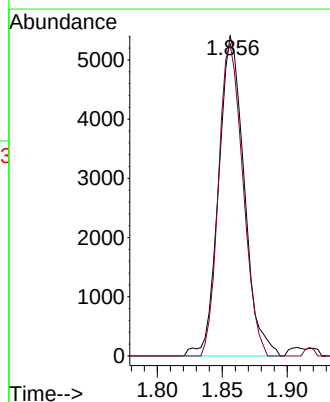
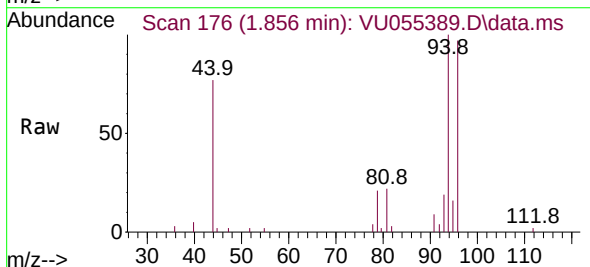
Instrument :
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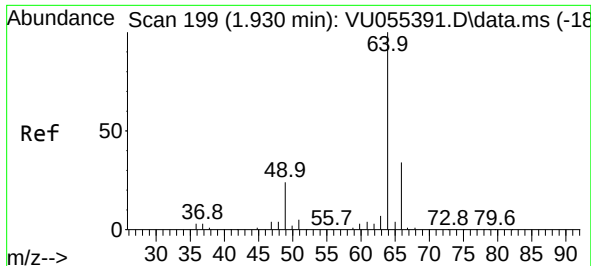
Tgt Ion: 62 Resp: 11903
 Ion Ratio Lower Upper
 62 100
 64 36.4 22.3 41.5



#6
 Bromomethane
 Concen: 0.427 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06

Tgt Ion: 94 Resp: 7385
 Ion Ratio Lower Upper
 94 100
 96 97.4 66.4 123.2

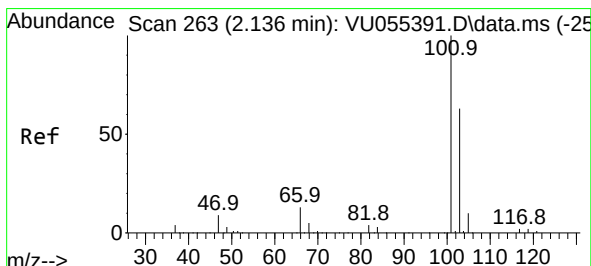
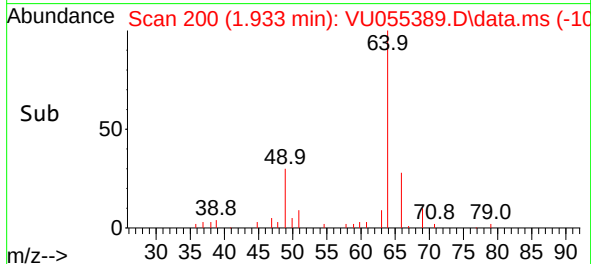
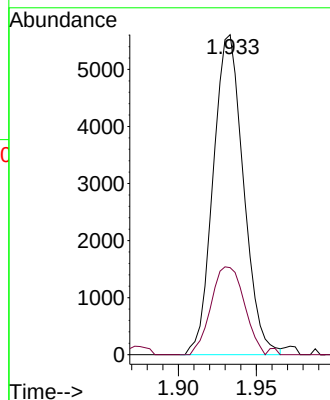
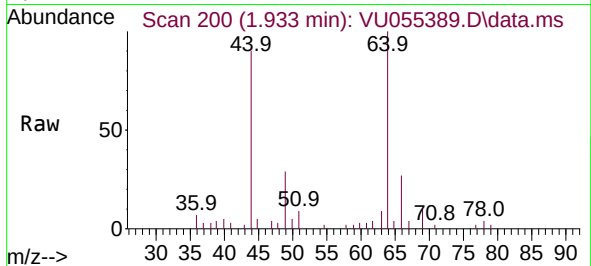




#8
Chloroethane
Concen: 0.419 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

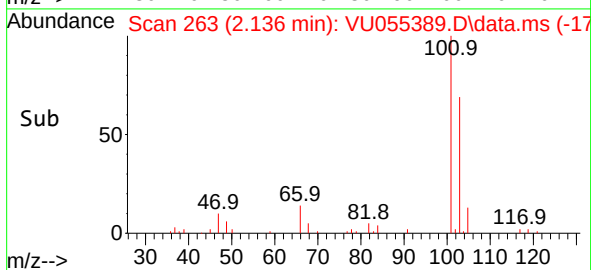
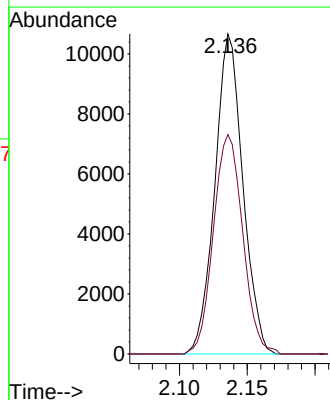
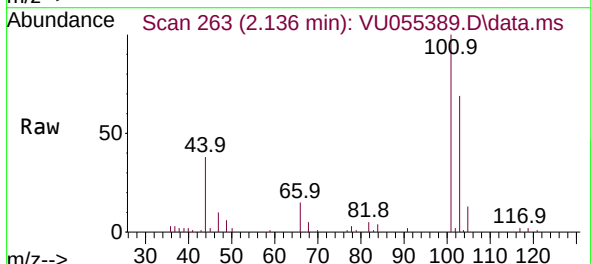
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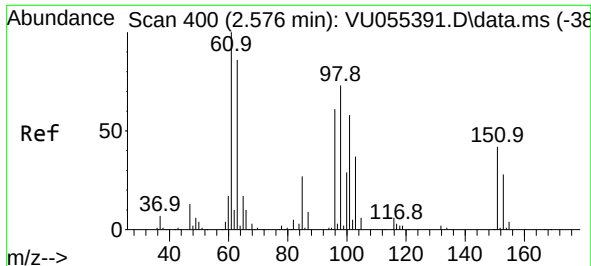
Tgt Ion: 64 Resp: 7584
Ion Ratio Lower Upper
64 100
66 26.1 23.7 44.1



#9
Trichlorofluoromethane
Concen: 0.425 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion: 101 Resp: 15334
Ion Ratio Lower Upper
101 100
103 71.7 52.0 78.0

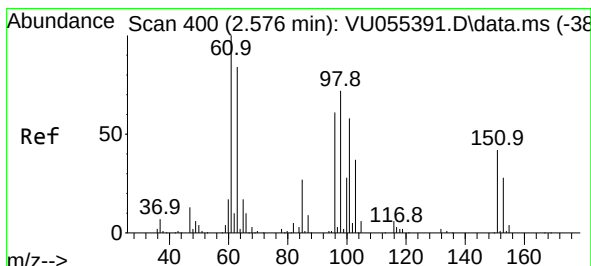
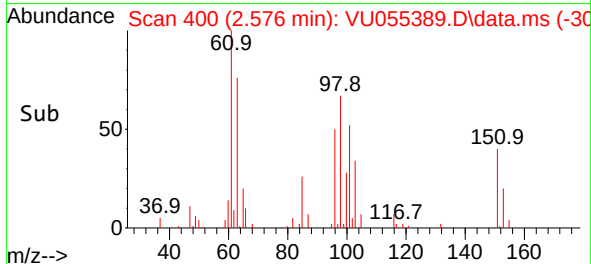
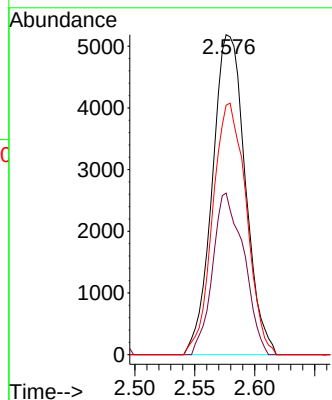
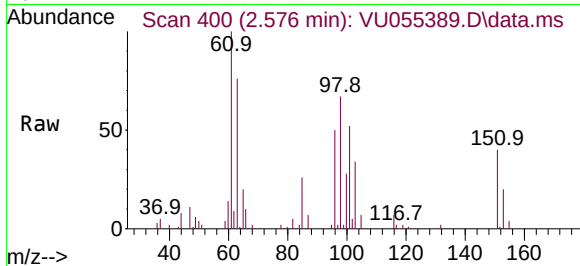




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.526 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06

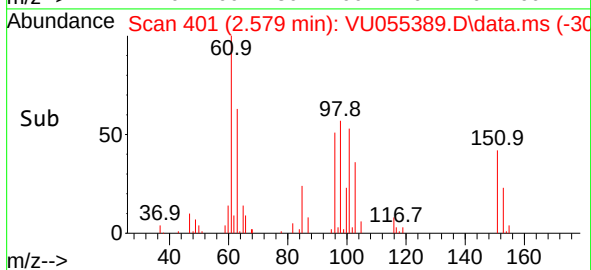
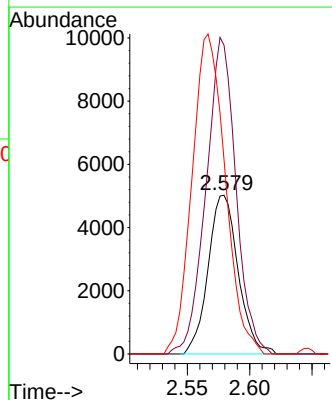
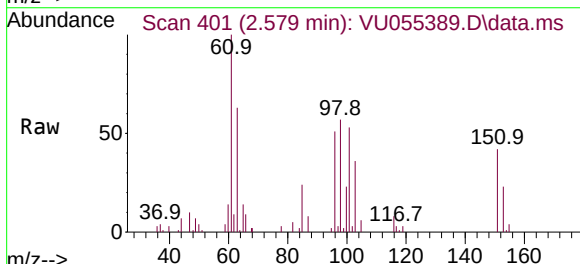
Instrument :
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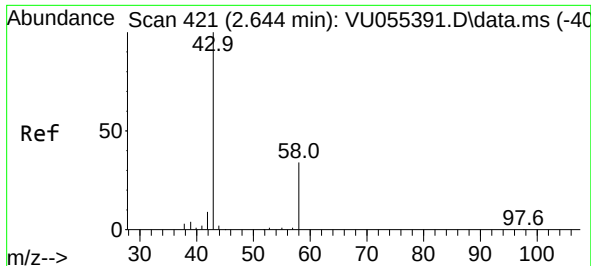
Tgt Ion:101 Resp: 9895
 Ion Ratio Lower Upper
 101 100
 85 47.9 35.8 53.6
 151 80.0 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 0.501 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06

Tgt Ion: 96 Resp: 8424
 Ion Ratio Lower Upper
 96 100
 61 194.6 114.5 212.7
 63 122.3 98.3 182.5





#13

Acetone

Concen: 5.122 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

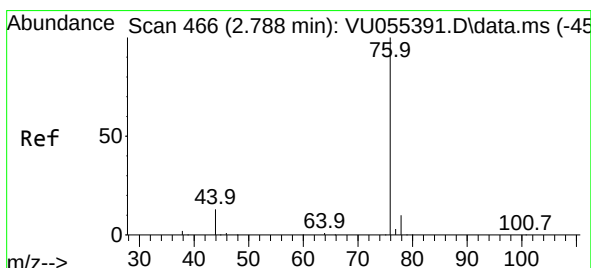
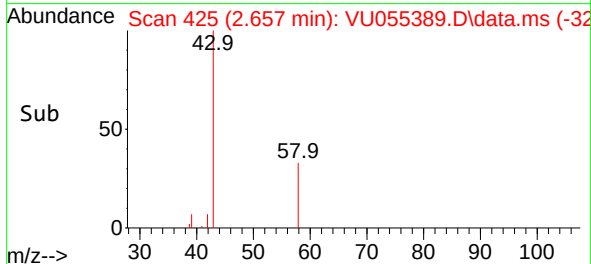
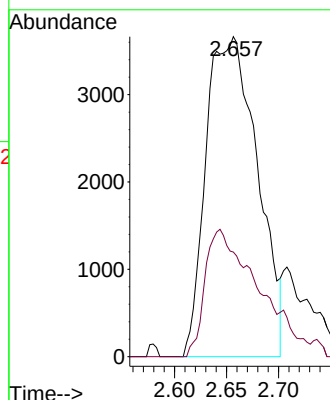
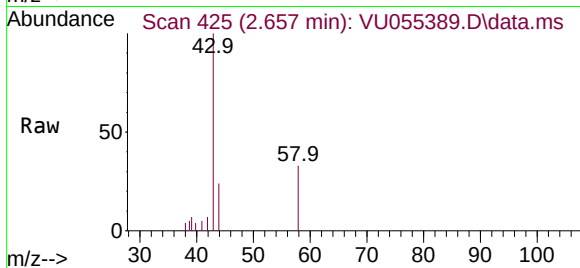
ClientSampleId :

Tgt Ion: 43 Resp: 12587

Ion Ratio Lower Upper

43 100

58 41.6 0.0 72.2



#14

Carbon disulfide

Concen: 0.489 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU055389.D

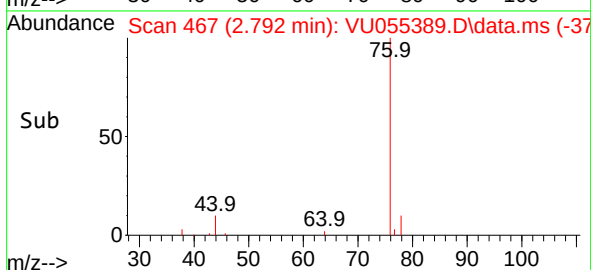
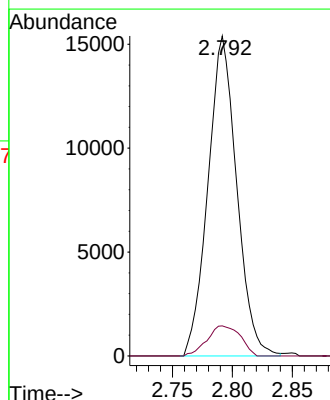
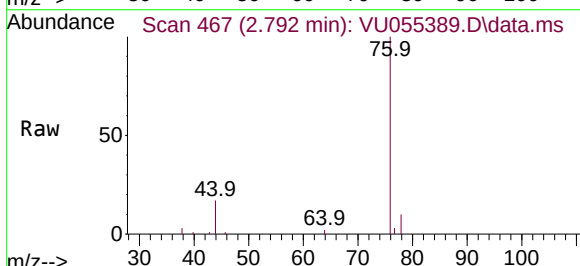
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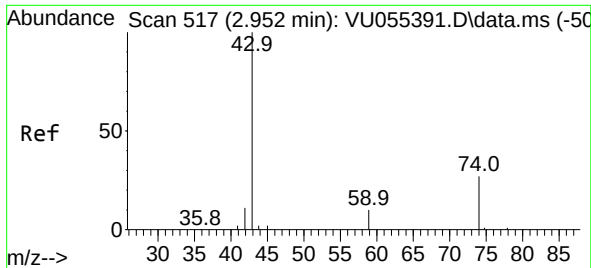
Tgt Ion: 76 Resp: 25643

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

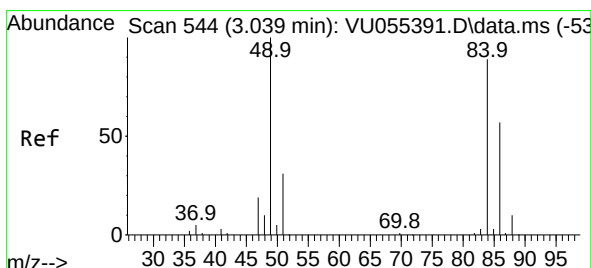
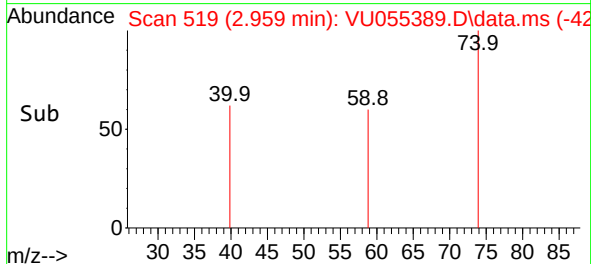
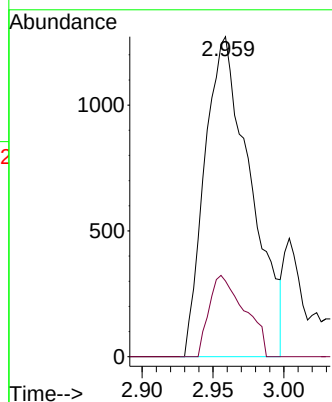
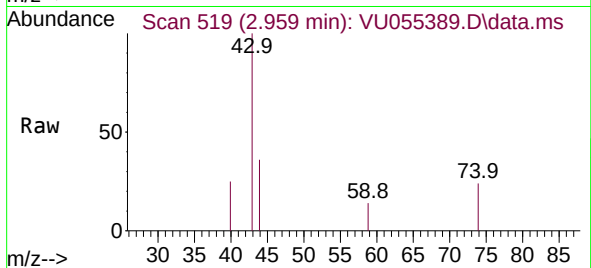




#15
Methyl Acetate
Concen: 0.493 ug/L
RT: 2.959 min Scan# 517
Delta R.T. 0.006 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

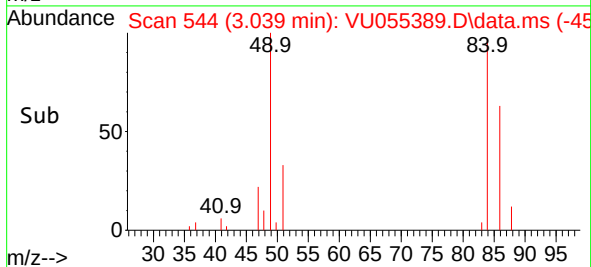
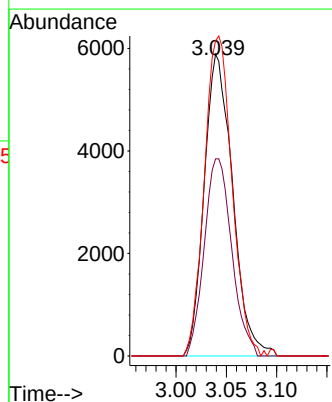
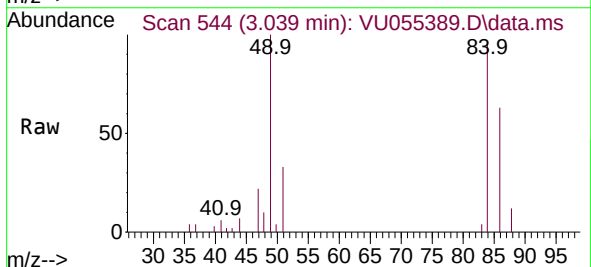
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MSVOA_U
ClientSampleId :

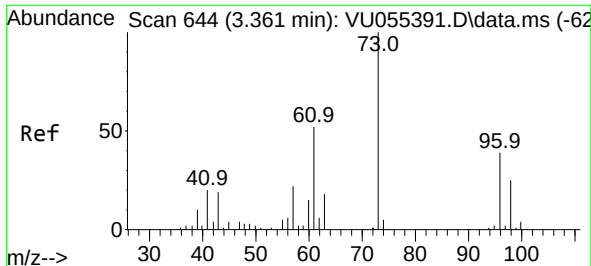
Tgt Ion: 43 Resp: 2853
Ion Ratio Lower Upper
43 100
74 19.8 22.3 33.5#



#16
Methylene chloride
Concen: 0.466 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion: 84 Resp: 11577
Ion Ratio Lower Upper
84 100
86 65.3 44.9 83.3
49 108.7 78.8 146.3

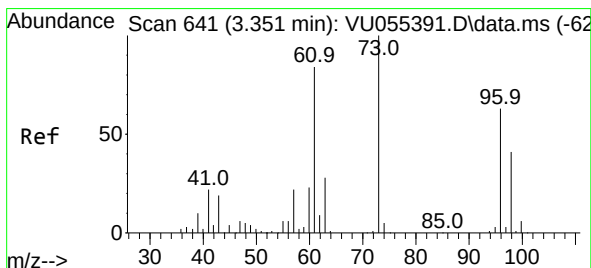
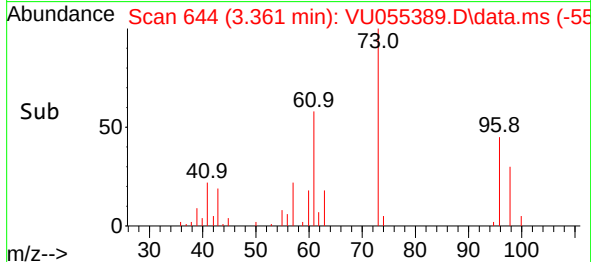
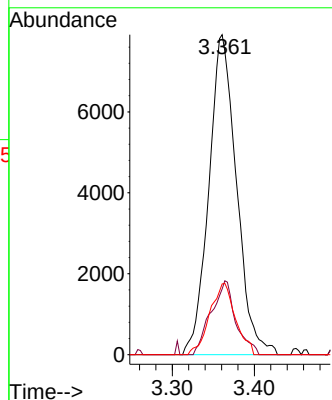
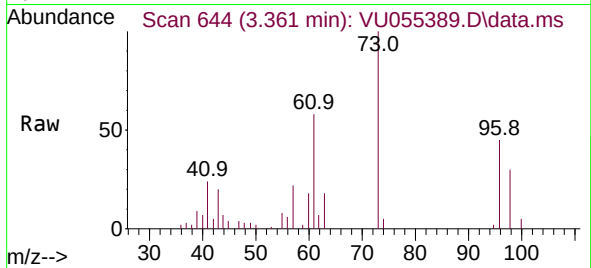




#17
Methyl tert-butyl Ether
Concen: 0.470 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

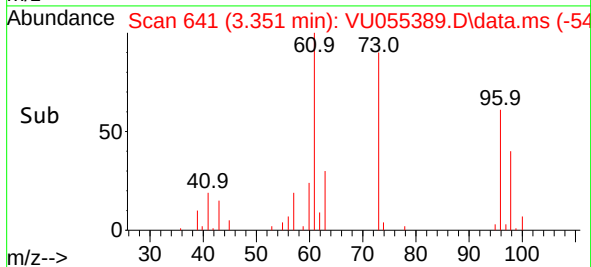
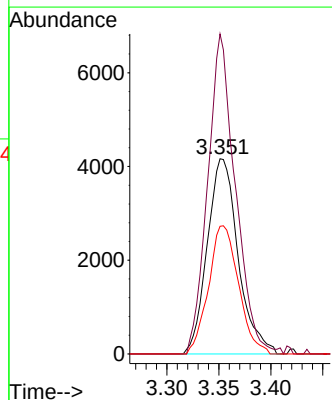
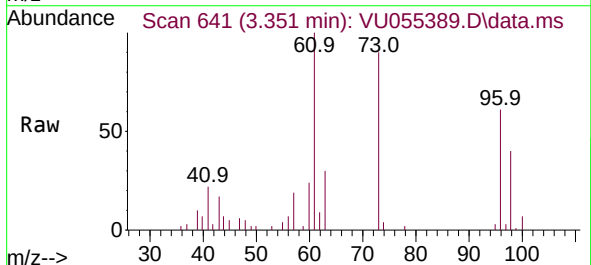
Instrument :
MSVOA_U
ClientSampleId :

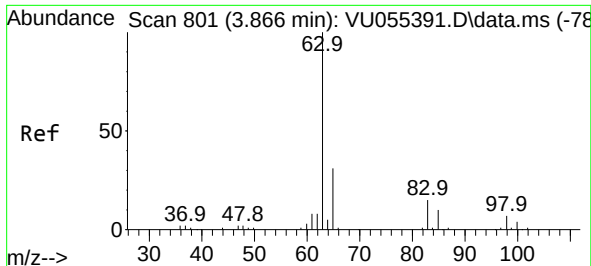
Tgt Ion: 73 Resp: 18546
Ion Ratio Lower Upper
73 100
43 20.6 14.9 22.3
57 20.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 0.474 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion: 96 Resp: 8613
Ion Ratio Lower Upper
96 100
61 164.0 94.6 175.6
98 65.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.463 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055389.D

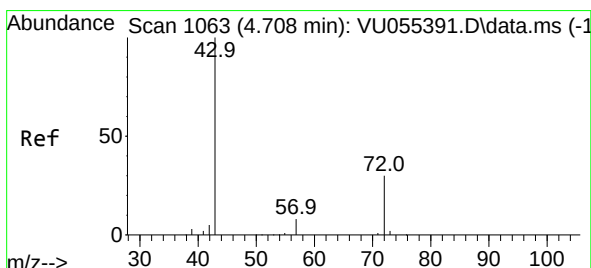
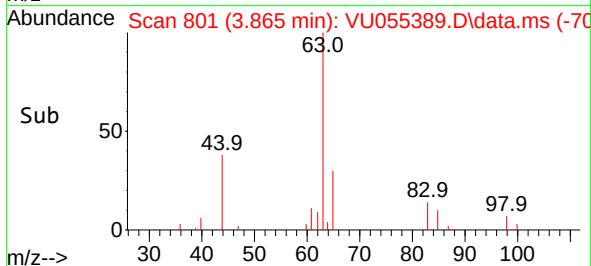
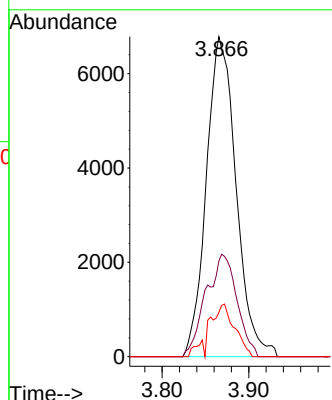
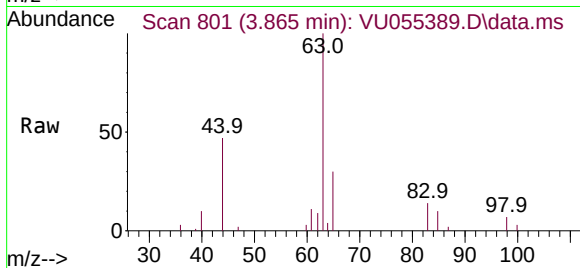
Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	16185
Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.0	41.0
83	13.9	10.1	18.9



#21

2-Butanone

Concen: 4.887 ug/L

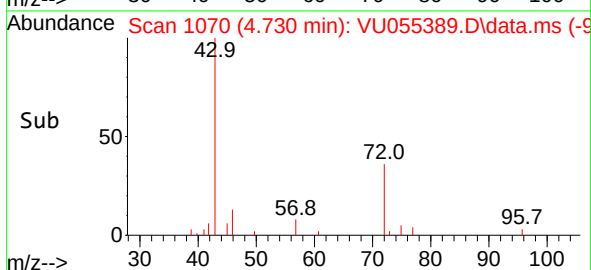
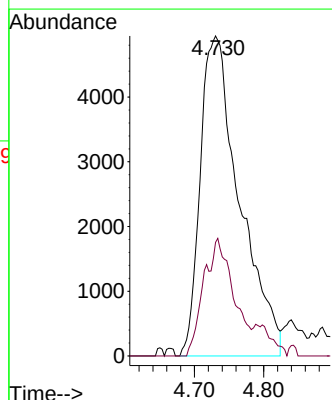
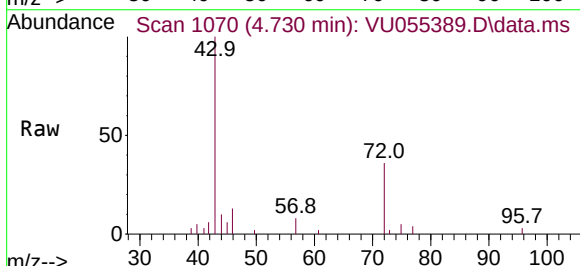
RT: 4.730 min Scan# 1070

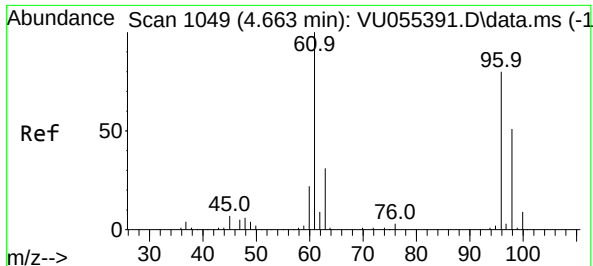
Delta R.T. 0.022 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

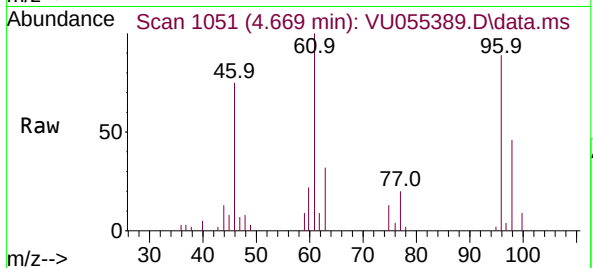
Tgt Ion:	43	Resp:	19442
Ion	Ratio	Lower	Upper
43	100		
72	20.5	15.1	45.3





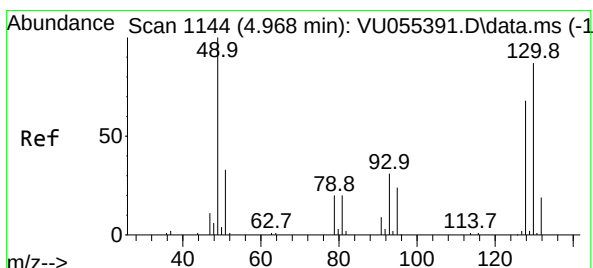
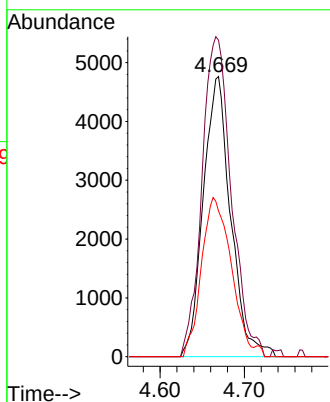
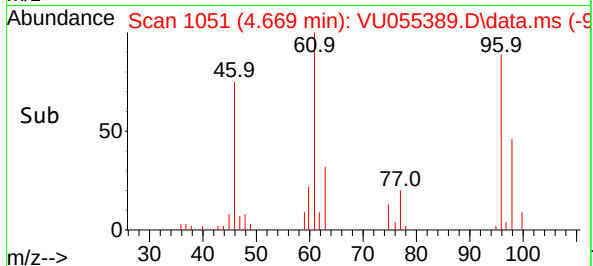
#22
 cis-1,2-Dichloroethene
 Concen: 0.507 ug/L
 RT: 4.669 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

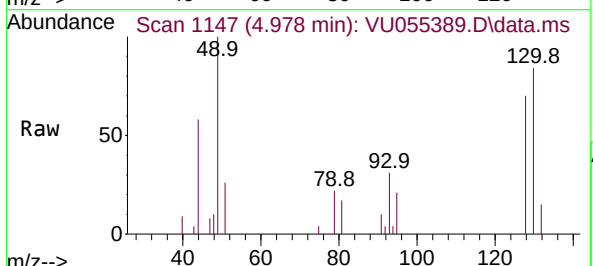


Tgt Ion: 96 Resp: 10757

Ion	Ratio	Lower	Upper
96	100		
61	112.9	87.8	163.2
98	52.0	44.4	82.4

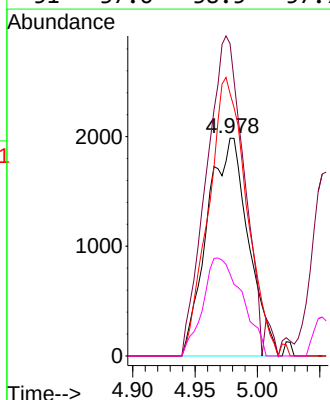
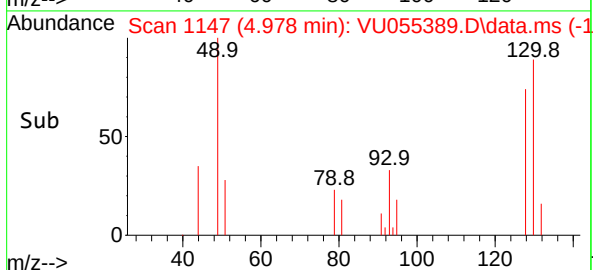


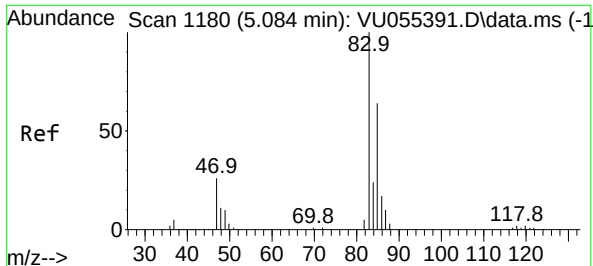
#23
 Bromochloromethane
 Concen: 0.527 ug/L
 RT: 4.978 min Scan# 1147
 Delta R.T. 0.010 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06



Tgt Ion: 128 Resp: 4570

Ion	Ratio	Lower	Upper
128	100		
49	143.4	102.8	191.0
130	120.5	89.9	166.9
51	37.6	38.5	57.7#





#25

Chloroform

Concen: 0.463 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

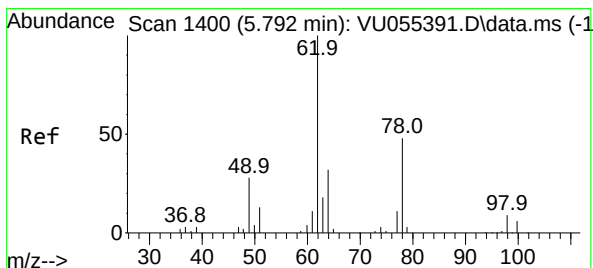
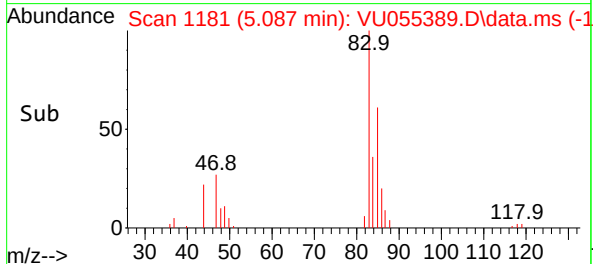
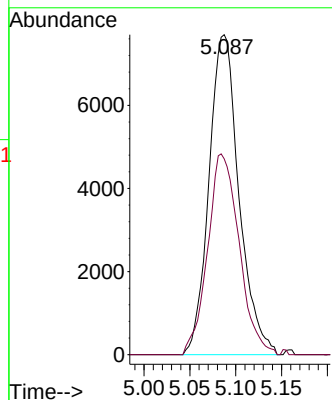
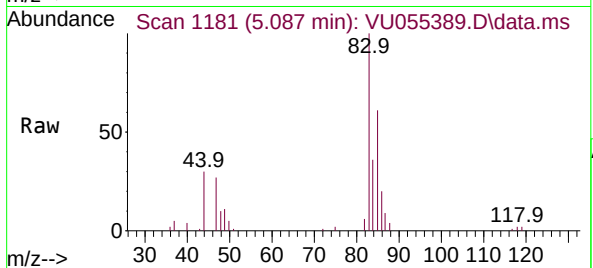
ClientSampleId :

Tgt Ion: 83 Resp: 17542

Ion Ratio Lower Upper

83 100

85 61.2 44.9 83.5



#27

1,2-Dichloroethane

Concen: 0.485 ug/L

RT: 5.798 min Scan# 1402

Delta R.T. 0.006 min

Lab File: VU055389.D

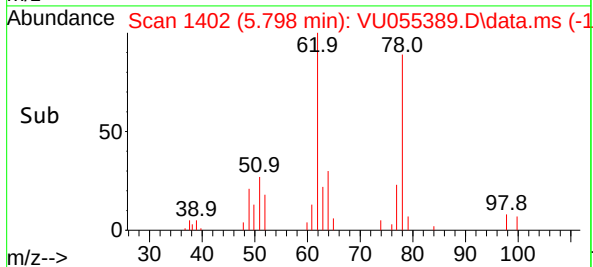
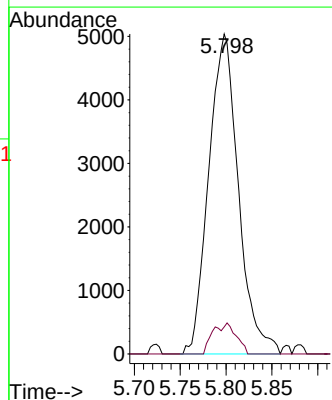
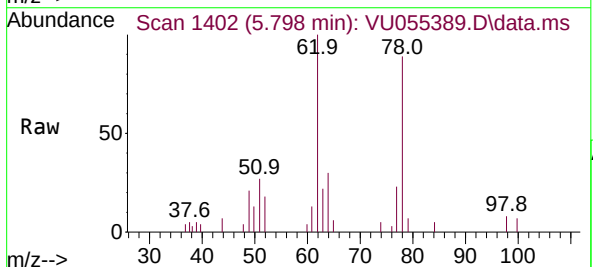
Acq: 19 Sep 2023 13:06

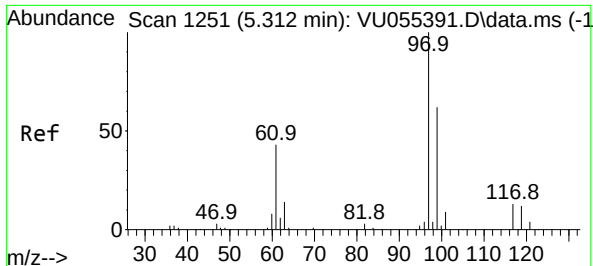
Tgt Ion: 62 Resp: 11347

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 0.486 ug/L

RT: 5.312 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

ClientSampleId :

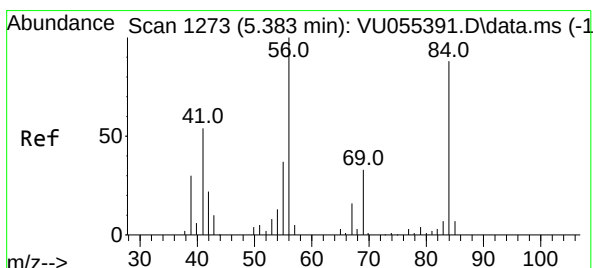
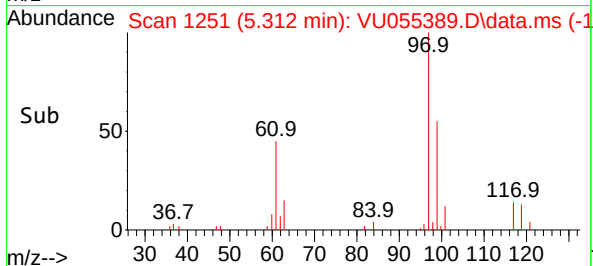
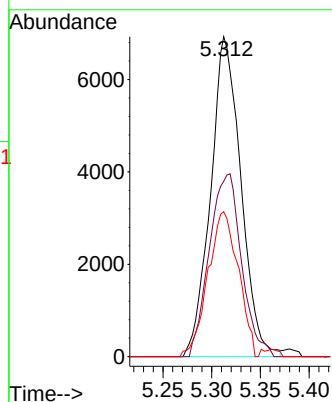
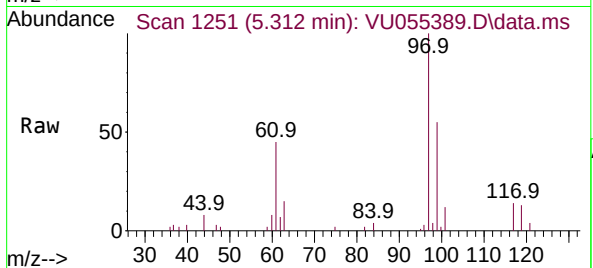
Tgt Ion: 97 Resp: 14986

Ion Ratio Lower Upper

97 100

99 60.8 50.7 76.1

61 45.5 34.6 51.8



#30

Cyclohexane

Concen: 0.442 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

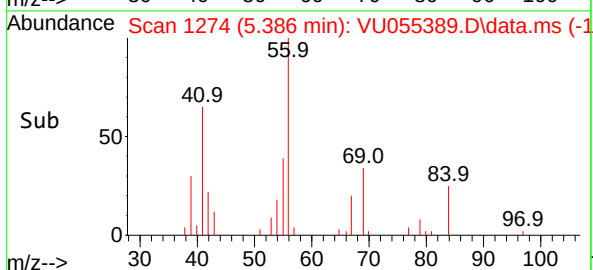
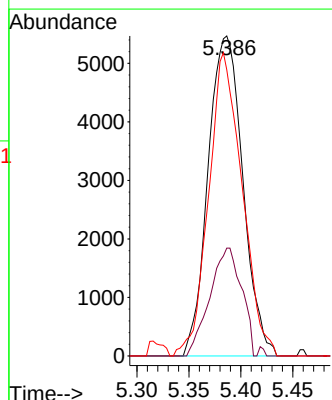
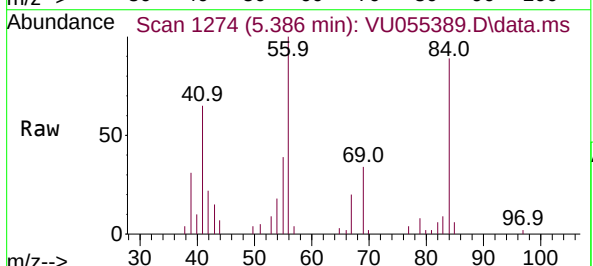
Tgt Ion: 56 Resp: 12722

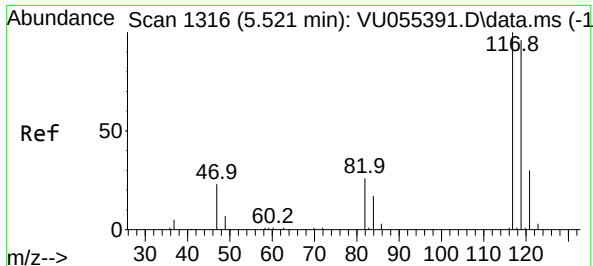
Ion Ratio Lower Upper

56 100

69 30.8 26.5 39.7

84 91.2 72.6 108.8

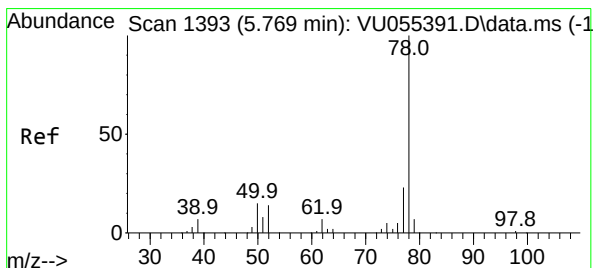
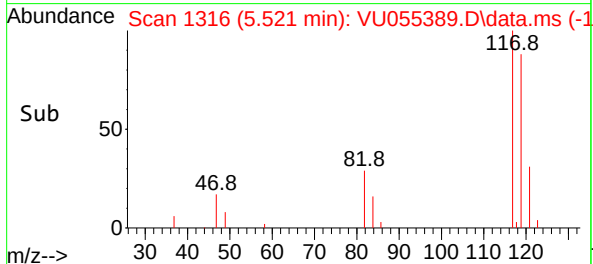
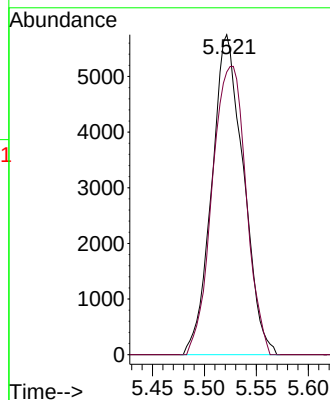
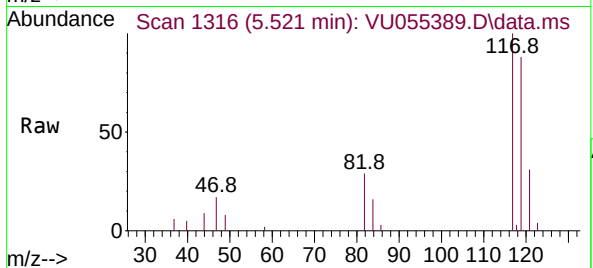




#31
Carbon tetrachloride
Concen: 0.460 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

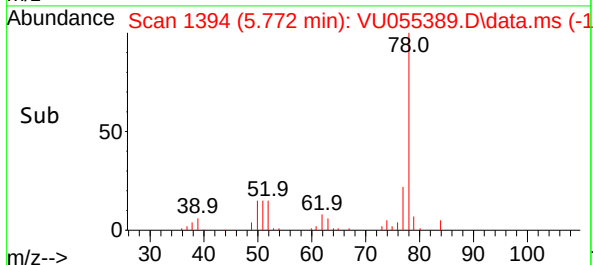
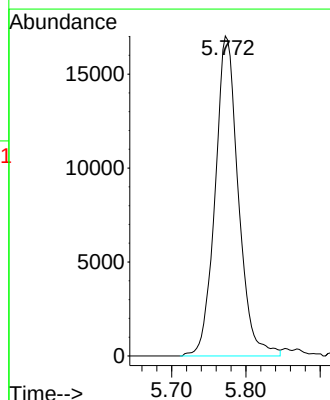
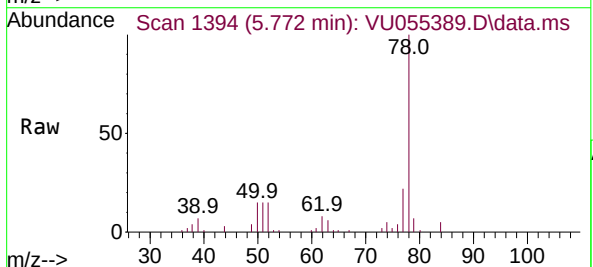
Instrument :
MSVOA_U
ClientSampleId :

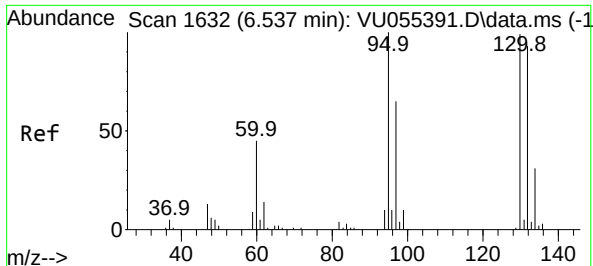
Tgt Ion:117 Resp: 12184
Ion Ratio Lower Upper
117 100
119 96.4 75.2 112.8



#33
Benzene
Concen: 0.464 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion: 78 Resp: 37054

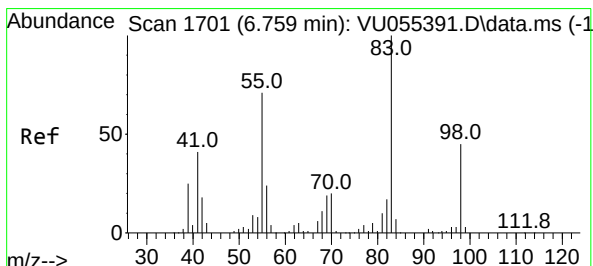
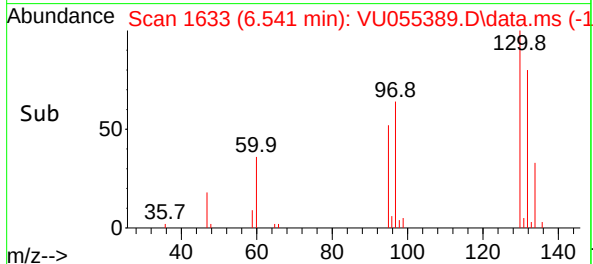
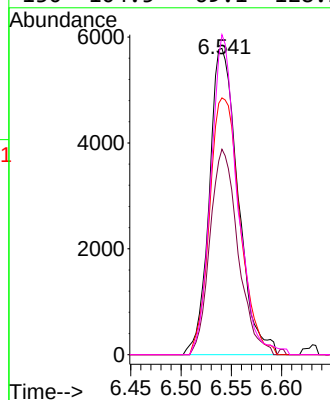
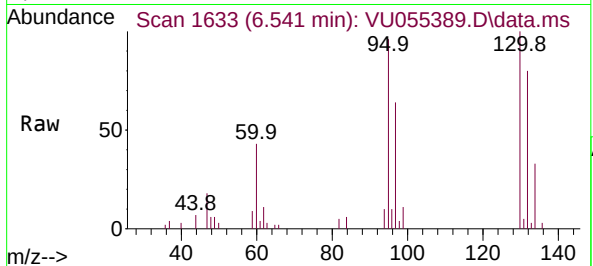




#34
Trichloroethene
Concen: 0.506 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

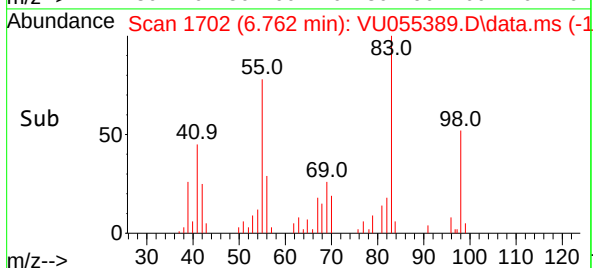
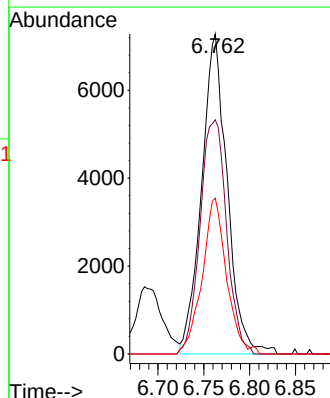
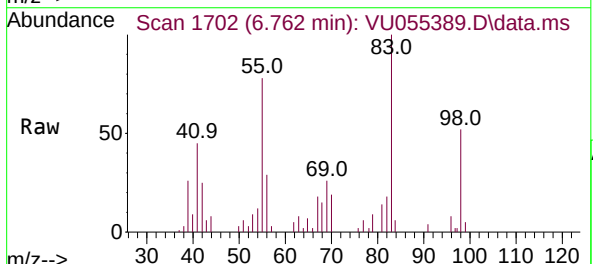
Instrument :
MSVOA_U
ClientSampleId :

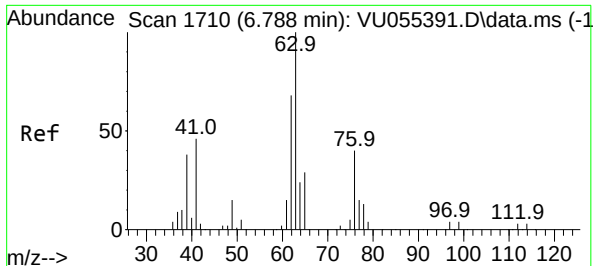
Tgt Ion: 95 Resp: 11499
Ion Ratio Lower Upper
95 100
97 67.1 45.4 84.2
132 83.8 65.2 121.2
130 104.5 69.1 128.3



#35
Methylcyclohexane
Concen: 0.431 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion: 83 Resp: 14143
Ion Ratio Lower Upper
83 100
55 75.6 59.1 88.7
98 46.3 36.3 54.5

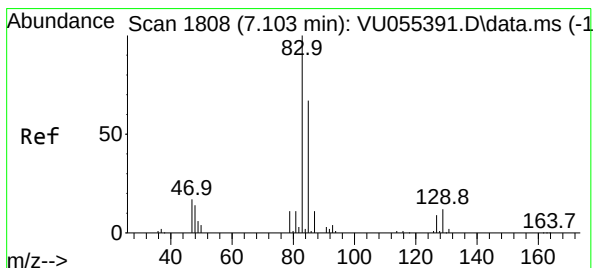
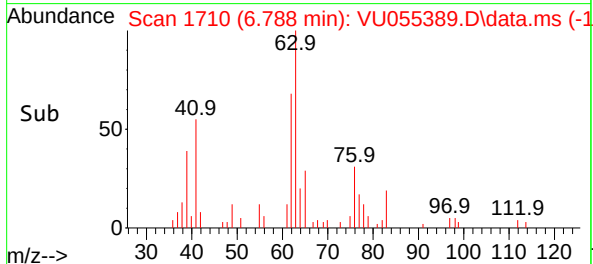
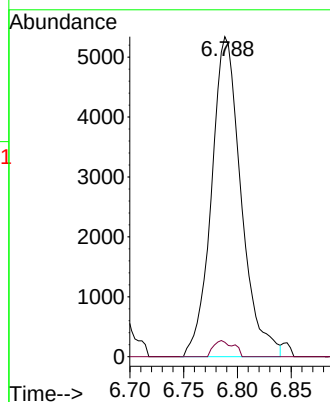
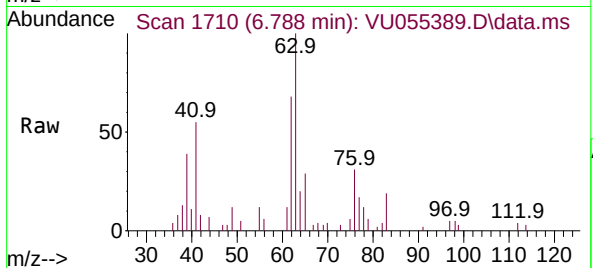




#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

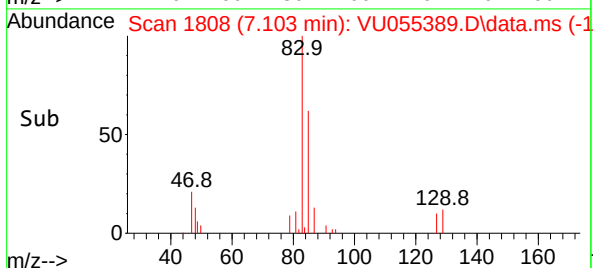
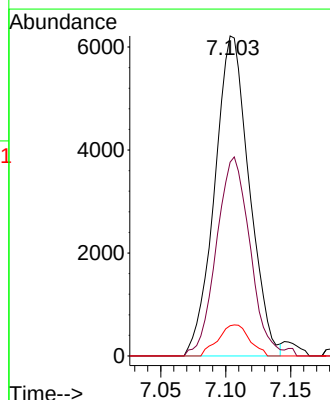
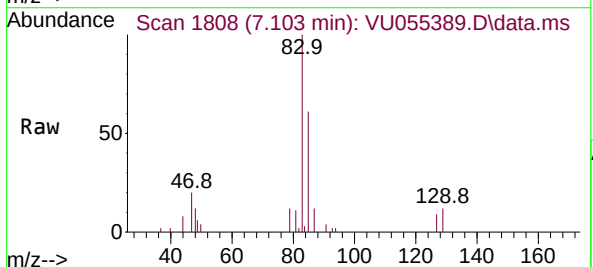
Instrument :
MSVOA_U
ClientSampleId :

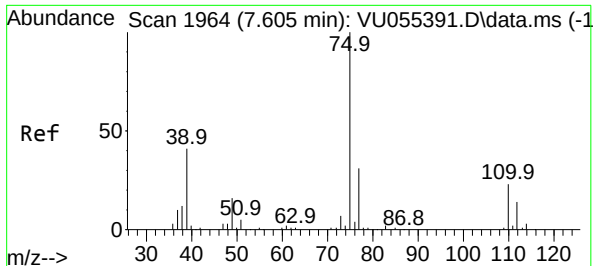
Tgt Ion: 63 Resp: 10240
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.6



#38
Bromodichloromethane
Concen: 0.460 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion: 83 Resp: 11489
Ion Ratio Lower Upper
83 100
85 60.5 46.8 86.8
127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.389 ug/L

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

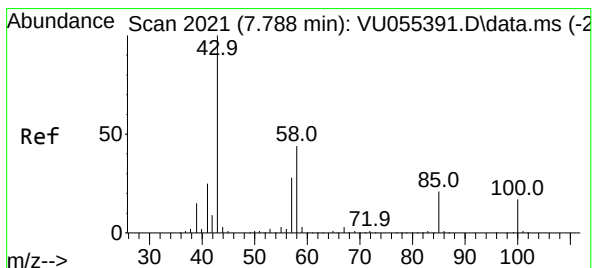
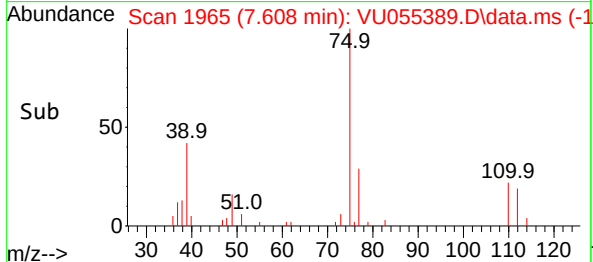
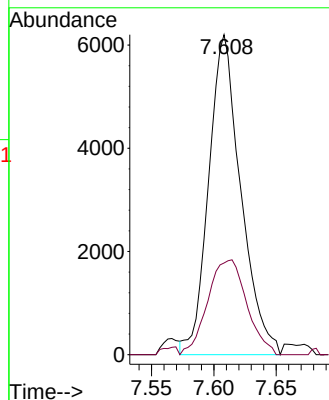
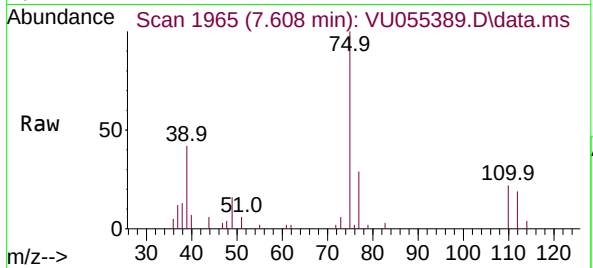
ClientSampleId :

Tgt Ion: 75 Resp: 11121

Ion Ratio Lower Upper

75 100

77 28.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 4.365 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

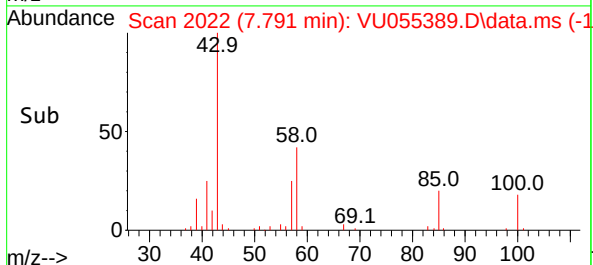
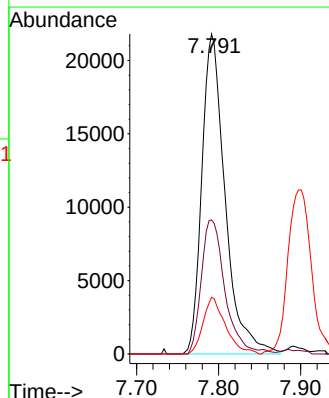
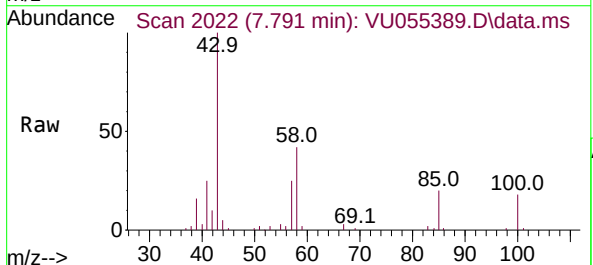
Tgt Ion: 43 Resp: 42996

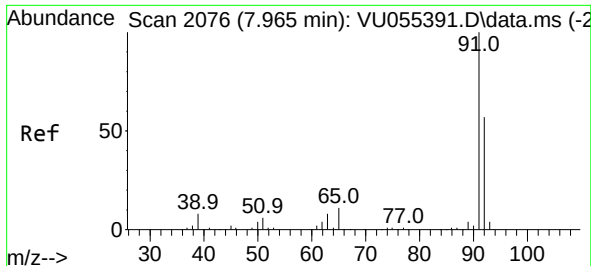
Ion Ratio Lower Upper

43 100

58 42.1 34.2 51.4

100 17.0 13.4 20.0





#42

Toluene

Concen: 0.428 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

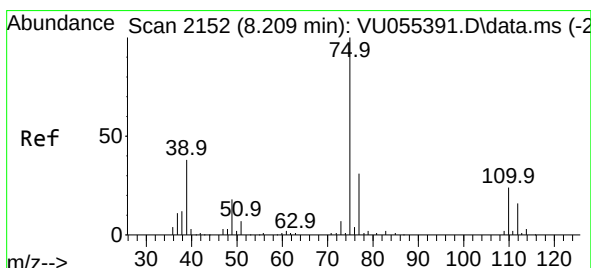
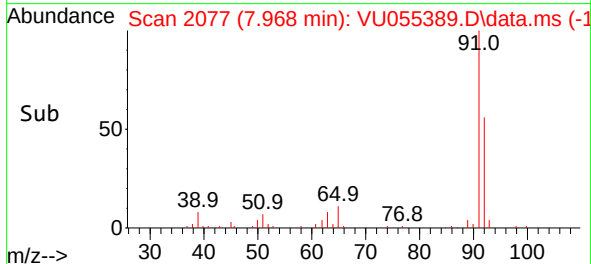
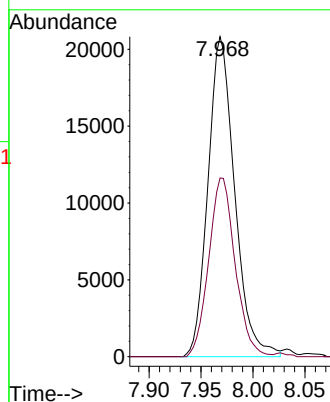
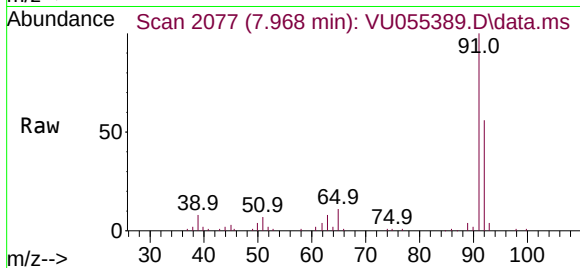
ClientSampleId :

Tgt Ion: 91 Resp: 37181

Ion Ratio Lower Upper

91 100

92 55.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 0.423 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.003 min

Lab File: VU055389.D

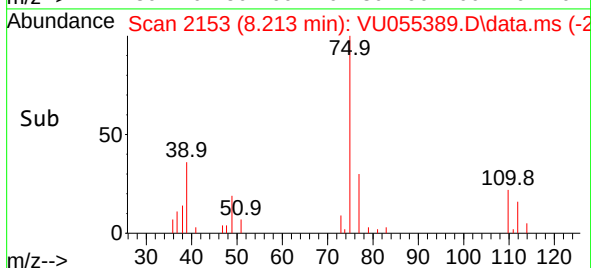
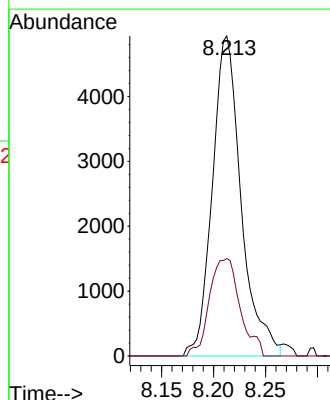
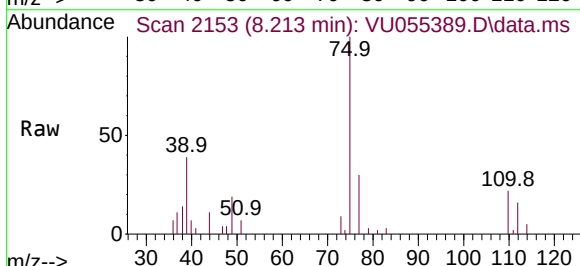
Acq: 19 Sep 2023 13:06

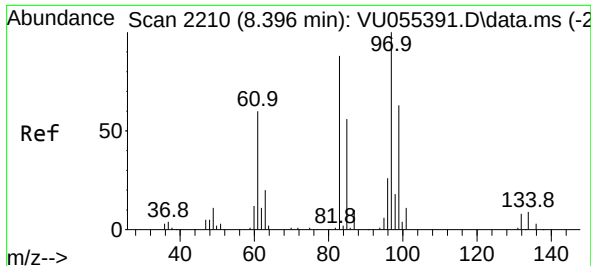
Tgt Ion: 75 Resp: 9496

Ion Ratio Lower Upper

75 100

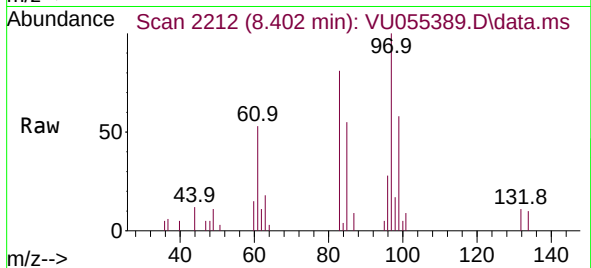
77 30.4 21.8 40.4



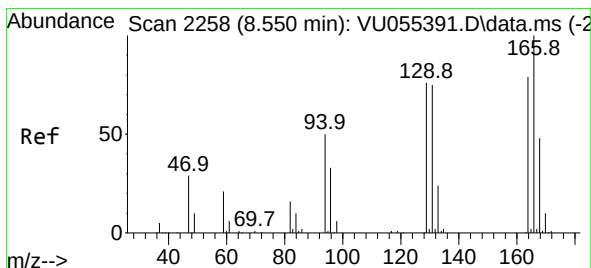
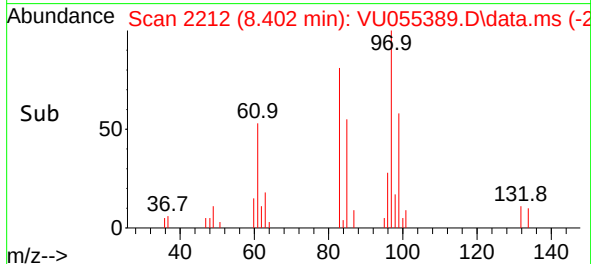
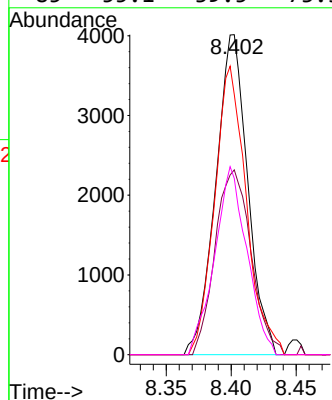


#45
1,1,2-Trichloroethane
Concen: 0.469 ug/L
RT: 8.402 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Instrument :
MSVOA_U
ClientSampleId :

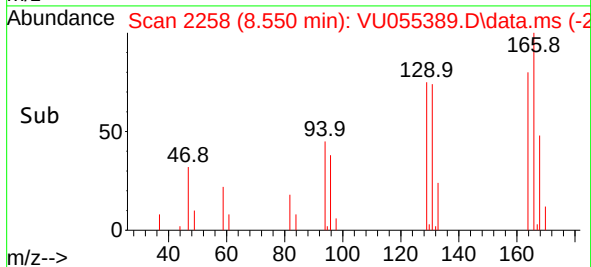
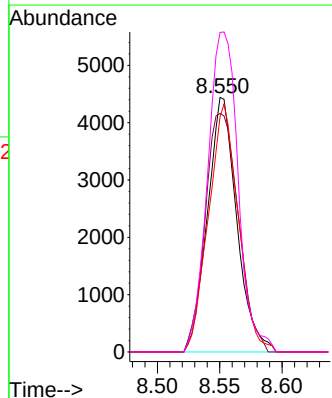
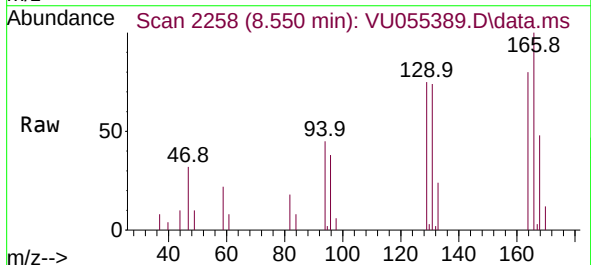


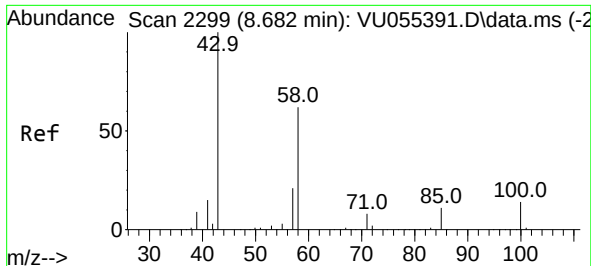
Tgt Ion: 97 Resp: 6871
Ion Ratio Lower Upper
97 100
99 57.7 44.1 81.9
83 81.3 61.5 114.1
85 55.1 39.5 73.3



#47
Tetrachloroethene
Concen: 0.462 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion: 164 Resp: 7319
Ion Ratio Lower Upper
164 100
129 93.7 67.4 125.2
131 92.4 66.4 123.2
166 125.5 88.8 165.0

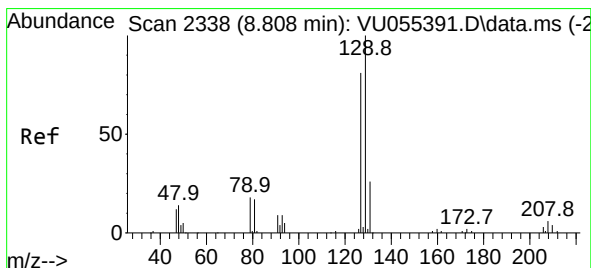
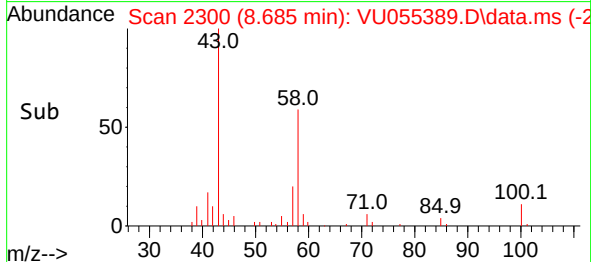
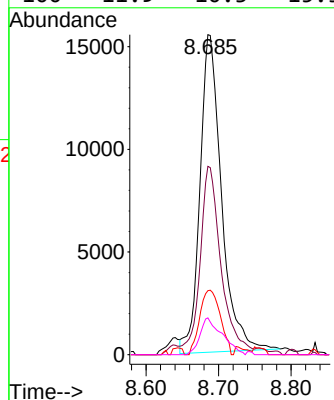
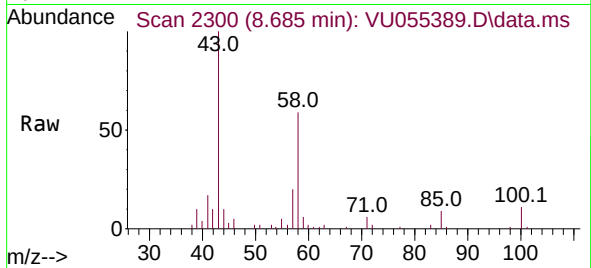




#48
2-Hexanone
Concen: 4.298 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

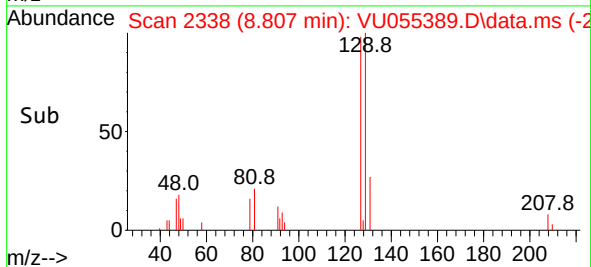
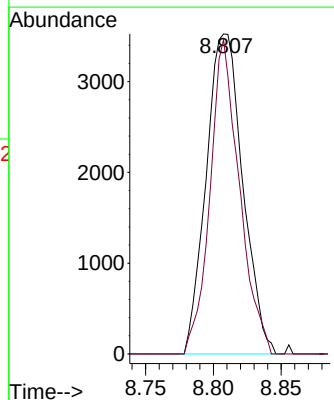
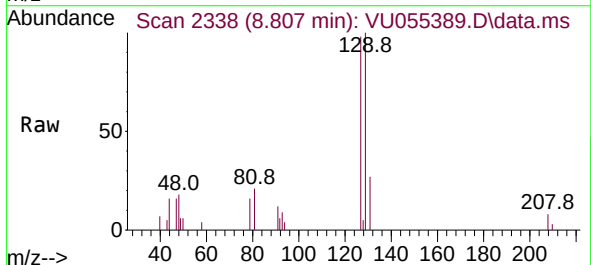
Instrument :
MSVOA_U
ClientSampleId :

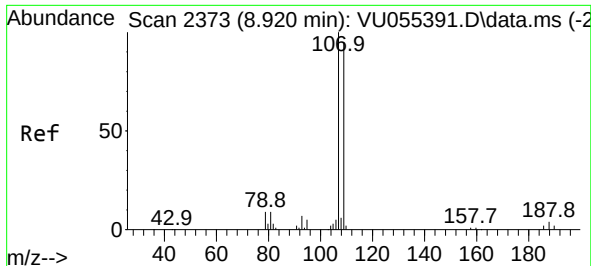
Tgt Ion: 43	Resp: 31884
Ion Ratio	Lower Upper
43 100	
58 54.7	48.5 72.7
57 19.4	17.0 25.4
100 11.9	10.3 15.5



#49
Dibromochloromethane
Concen: 0.442 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion:129	Resp:	6612	
Ion	Ratio	Lower	Upper
129	100		
127	98.2	56.8	105.6





#50

1,2-Dibromoethane

Concen: 0.472 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

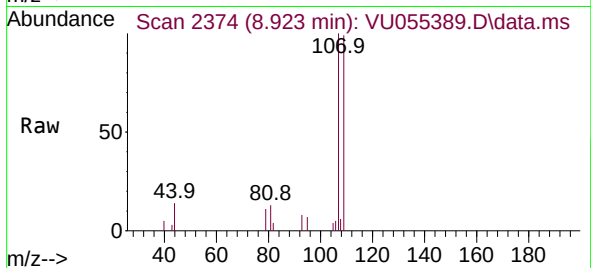
Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

ClientSampleId :



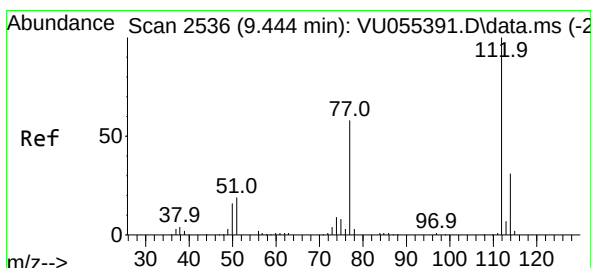
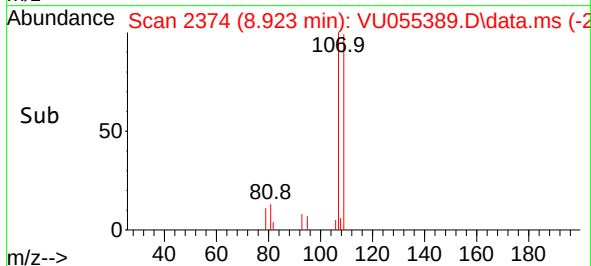
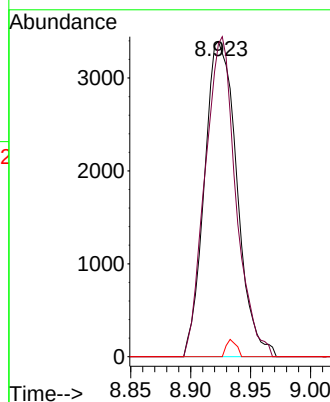
Tgt Ion:107 Resp: 6387

Ion Ratio Lower Upper

107 100

109 99.3 66.1 122.8

188 0.0 3.2 4.8#



#51

Chlorobenzene

Concen: 0.450 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

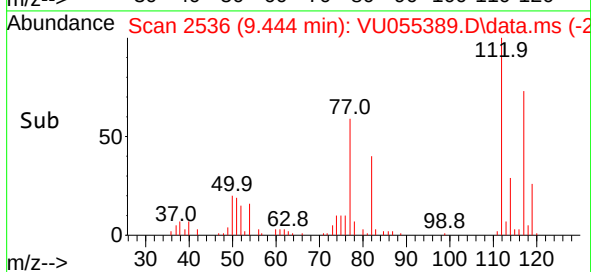
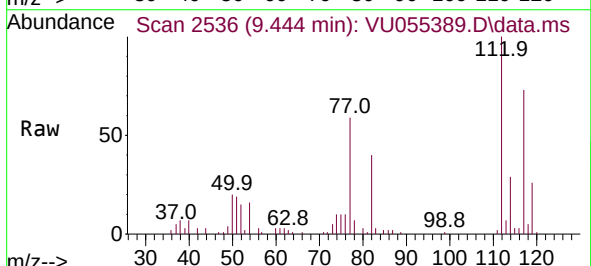
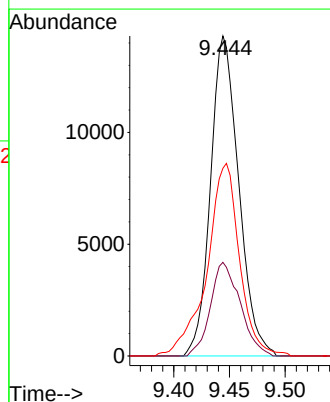
Tgt Ion:112 Resp: 25205

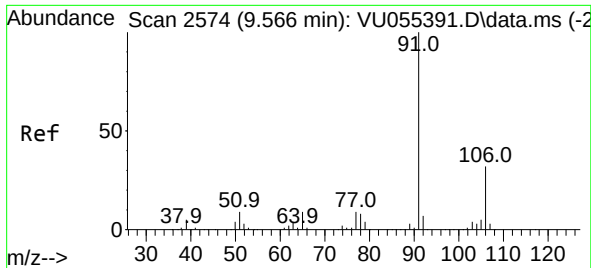
Ion Ratio Lower Upper

112 100

114 29.2 22.0 40.8

77 58.7 46.9 70.3

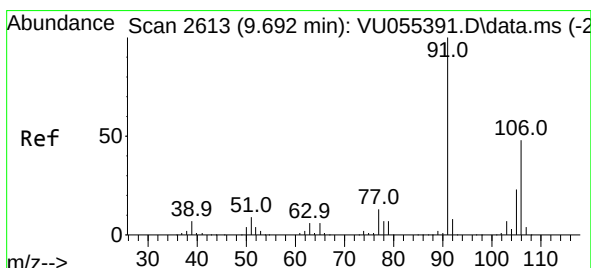
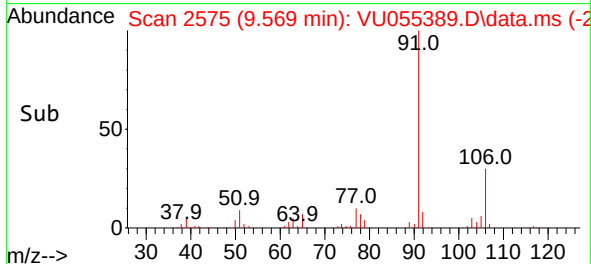
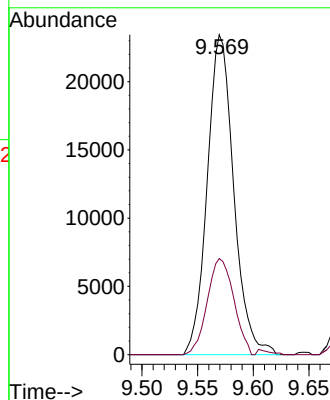
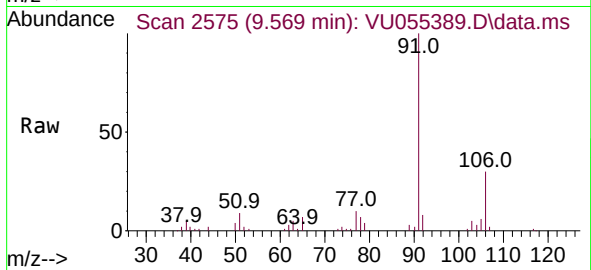




#52
Ethylbenzene
Concen: 0.409 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

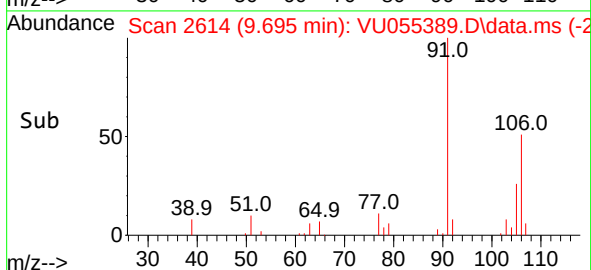
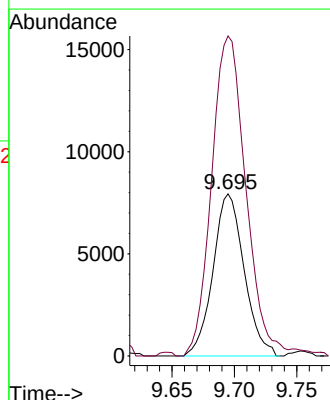
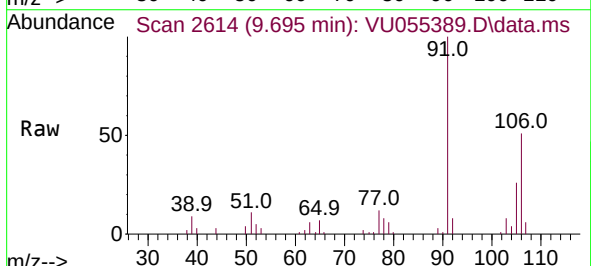
Instrument :
MSVOA_U
ClientSampleId :

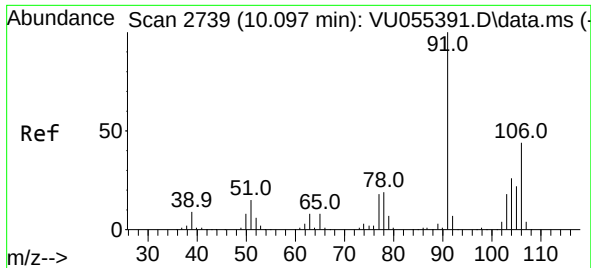
Tgt Ion: 91 Resp: 38748
Ion Ratio Lower Upper
91 100
106 30.1 22.4 41.6



#53
m,p-Xylene
Concen: 0.386 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion:106 Resp: 13791
Ion Ratio Lower Upper
106 100
91 197.5 144.8 269.0

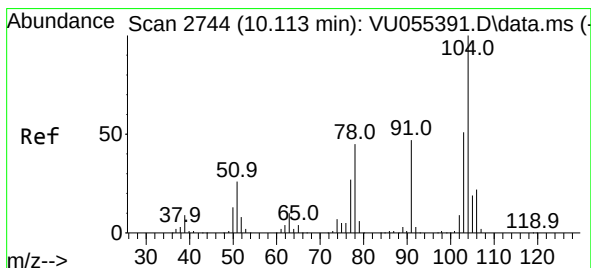
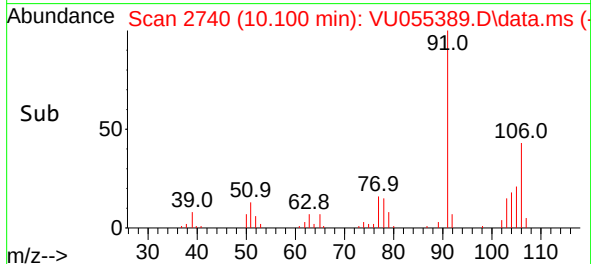
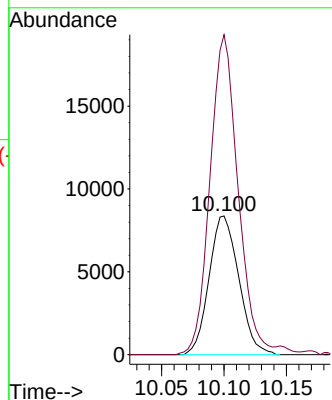
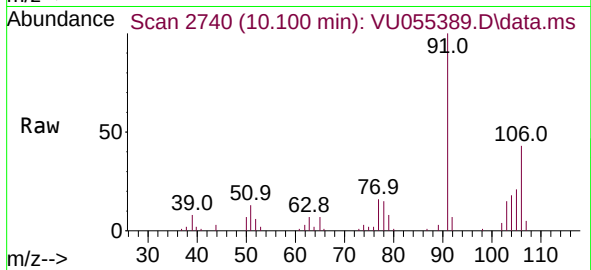




#54
o-Xylene
Concen: 0.410 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

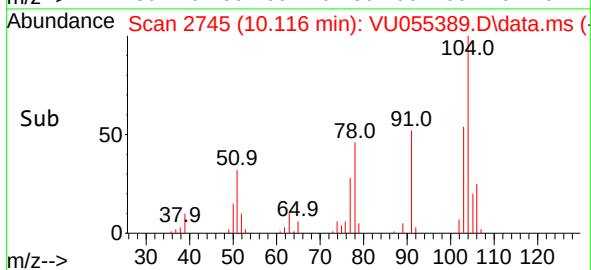
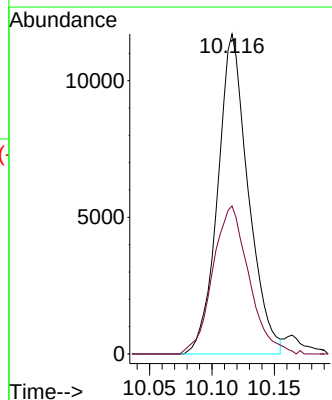
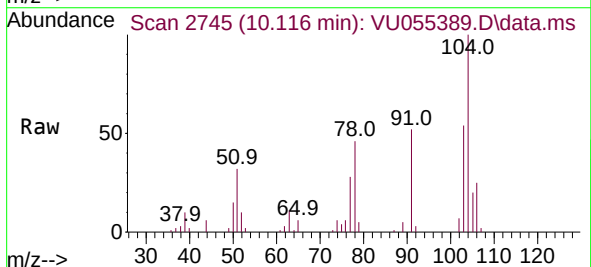
Instrument :
MSVOA_U
ClientSampleId :

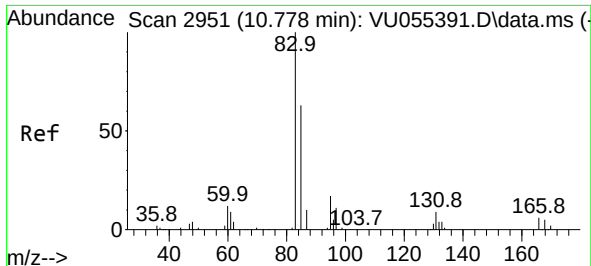
Tgt Ion:106 Resp: 13889
Ion Ratio Lower Upper
106 100
91 230.7 157.6 292.8



#55
Styrene
Concen: 0.351 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion:104 Resp: 19939
Ion Ratio Lower Upper
104 100
78 46.2 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.483 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055389.D

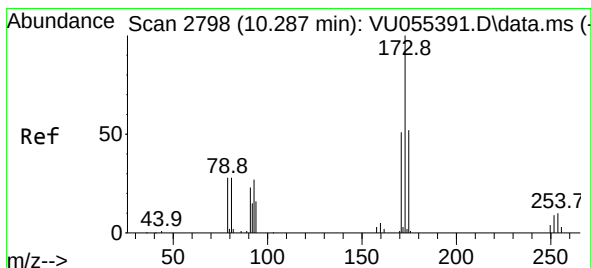
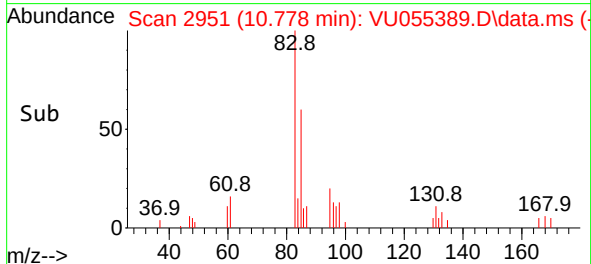
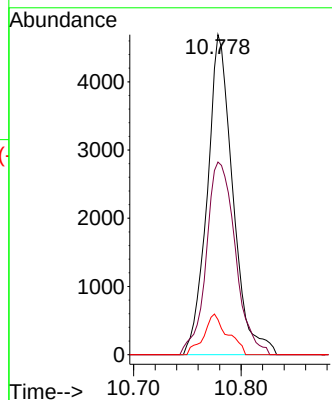
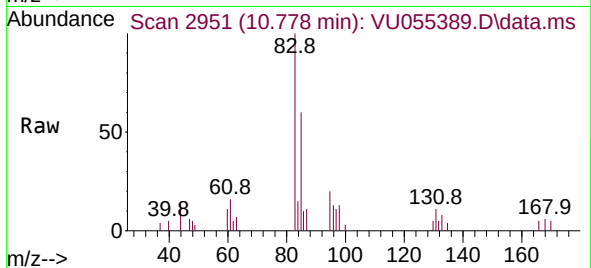
Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	7758
Ion	Ratio	Lower	Upper
83	100		
85	70.6	44.4	82.5
131	11.0	7.4	11.2



#59

Bromoform

Concen: 0.488 ug/L

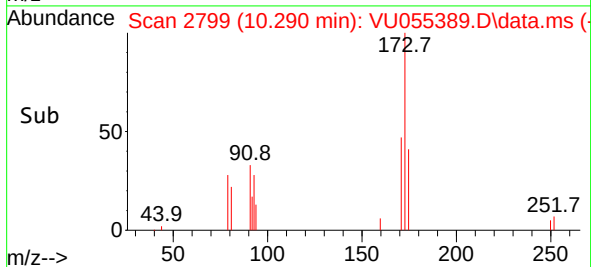
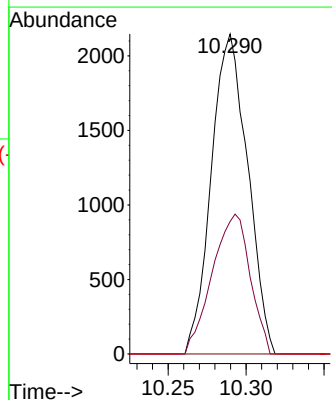
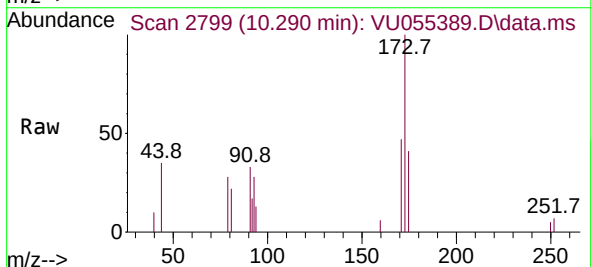
RT: 10.290 min Scan# 2799

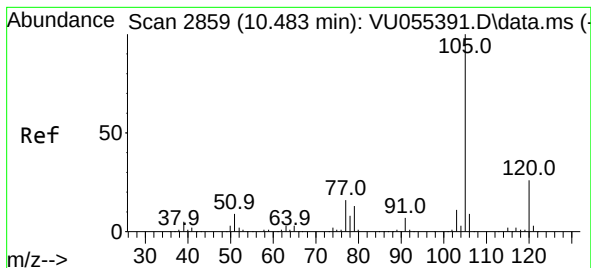
Delta R.T. 0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Tgt Ion:	173	Resp:	3478
Ion	Ratio	Lower	Upper
173	100		
175	45.6	39.4	59.2
254	0.0	7.3	10.9





#60

Isopropylbenzene

Concen: 0.406 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU055389.D

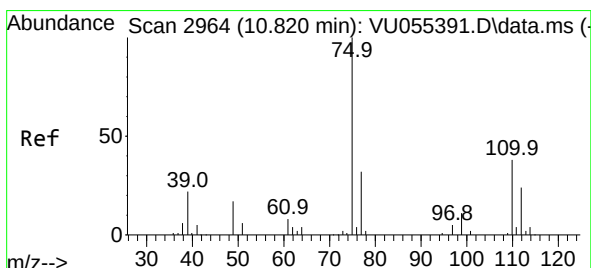
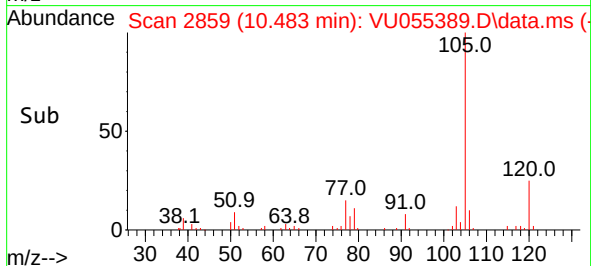
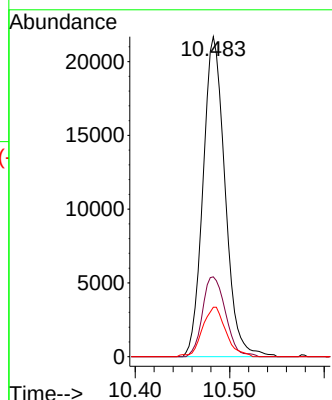
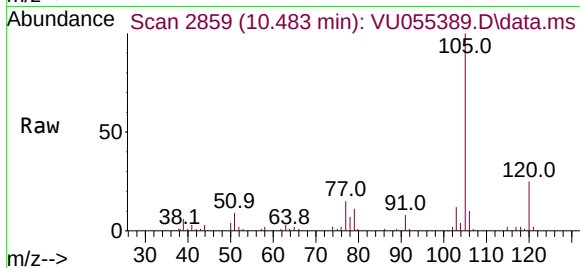
Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	35072
Ion Ratio	Lower	Upper	
105	100		
120	26.1	20.8	31.2
77	16.4	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 0.462 ug/L

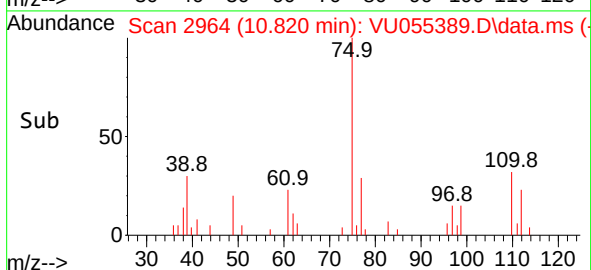
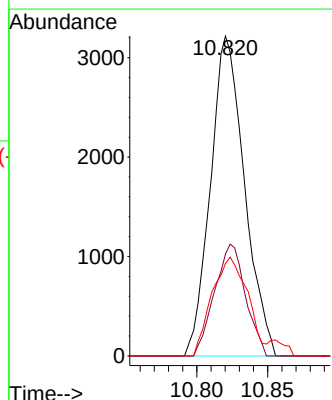
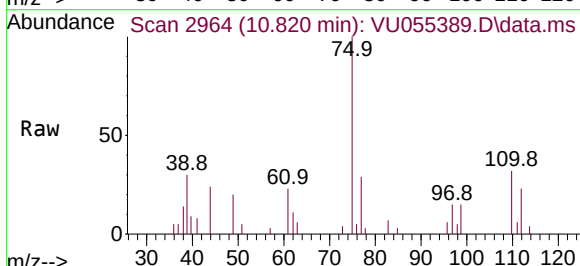
RT: 10.820 min Scan# 2964

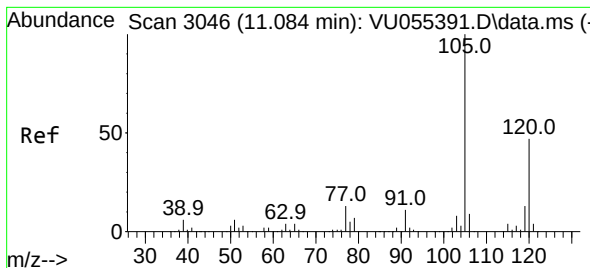
Delta R.T. -0.000 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Tgt Ion:	75	Resp:	5365
Ion Ratio	Lower	Upper	
75	100		
110	31.8	30.6	45.8
77	32.6	26.7	40.1





#62

1,3,5-Trimethylbenzene

Concen: 0.409 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

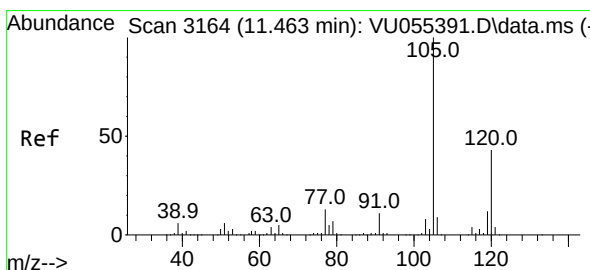
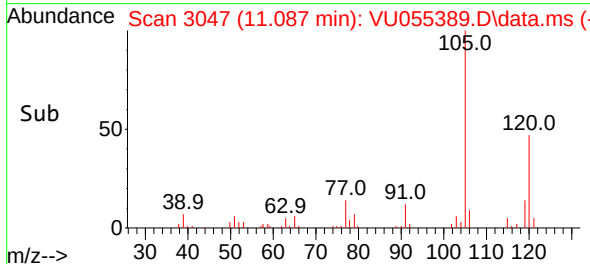
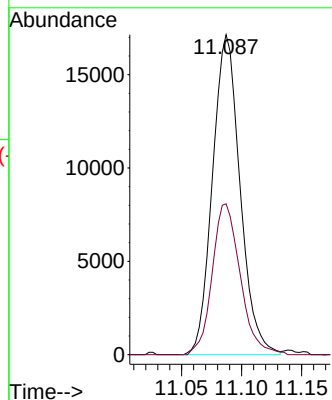
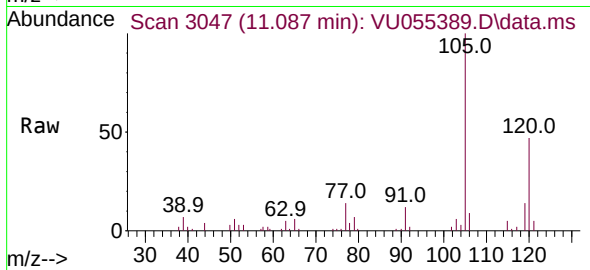
ClientSampleId :

Tgt Ion:105 Resp: 27328

Ion Ratio Lower Upper

105 100

120 48.0 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 0.398 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055389.D

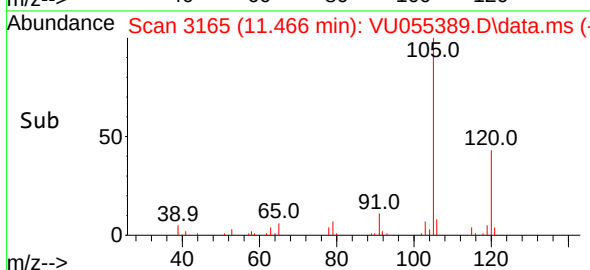
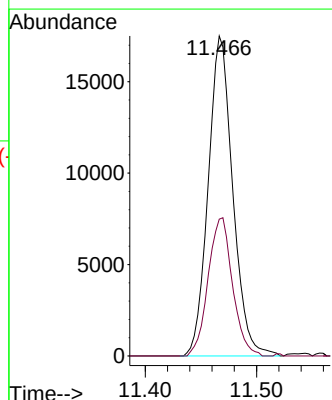
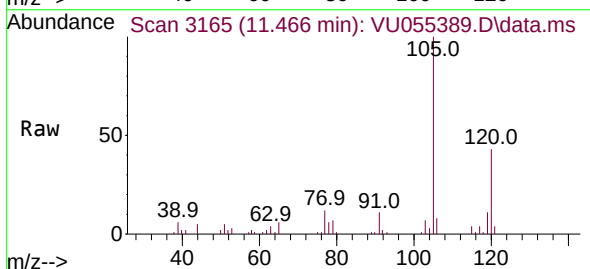
Acq: 19 Sep 2023 13:06

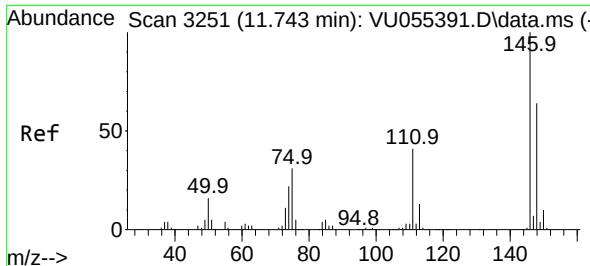
Tgt Ion:105 Resp: 26821

Ion Ratio Lower Upper

105 100

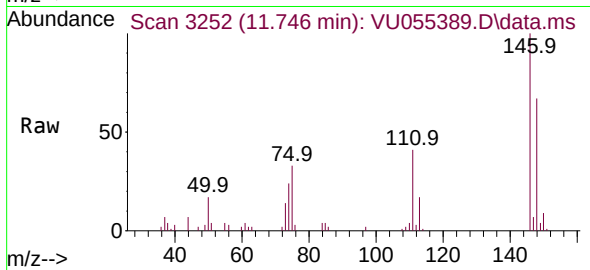
120 42.8 34.9 52.3



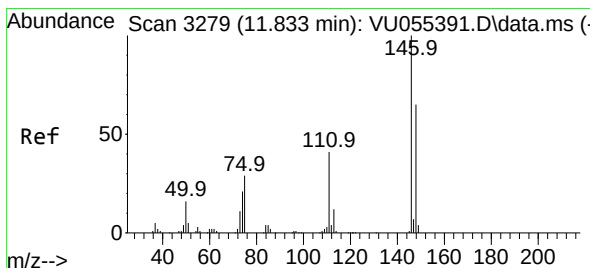
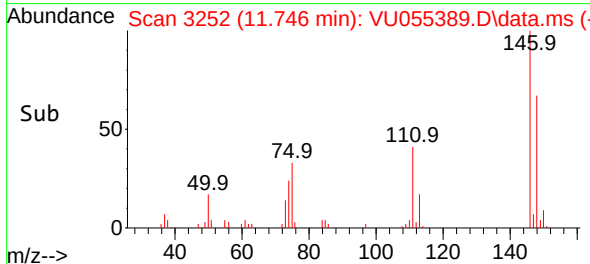
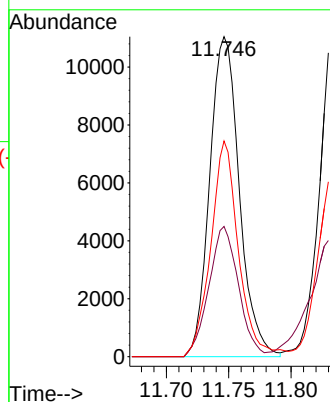


#64
1,3-Dichlorobenzene
Concen: 0.452 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Instrument :
MSVOA_U
ClientSampleId :

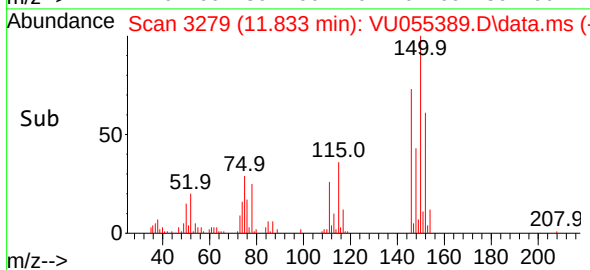
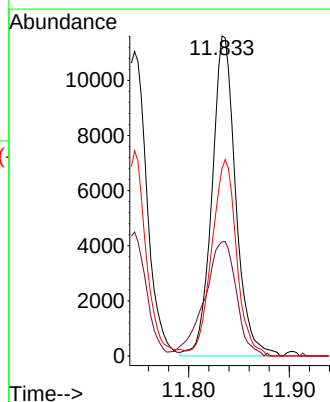
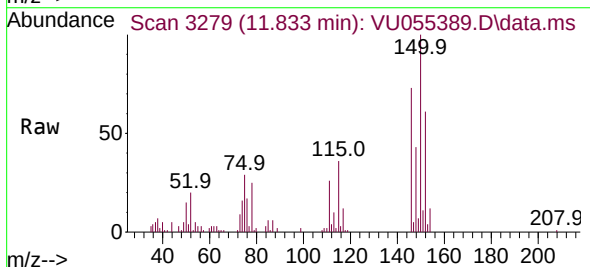


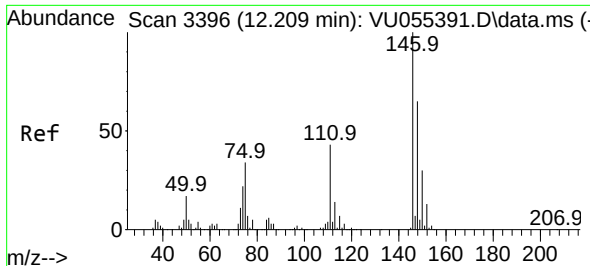
Tgt Ion:146 Resp: 18214
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.6
148 67.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 0.485 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055389.D
Acq: 19 Sep 2023 13:06

Tgt Ion:146 Resp: 19026
Ion Ratio Lower Upper
146 100
111 35.7 29.0 53.8
148 58.5 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 0.465 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

ClientSampleId :

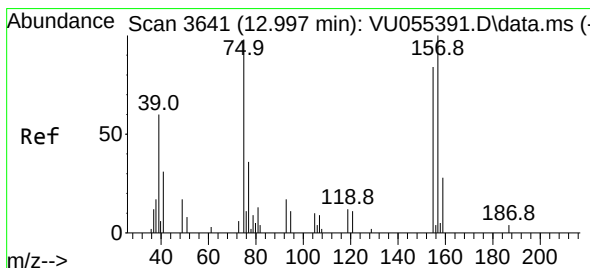
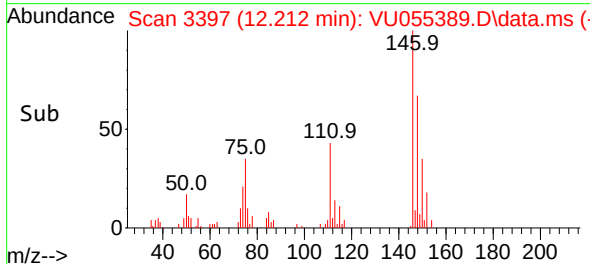
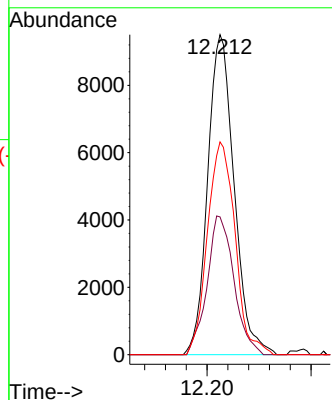
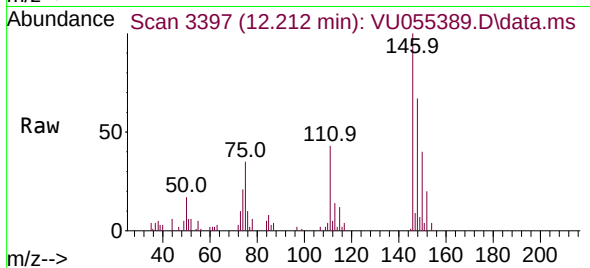
Tgt Ion:146 Resp: 16769

Ion Ratio Lower Upper

146 100

111 43.0 34.6 52.0

148 66.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.320 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.003 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

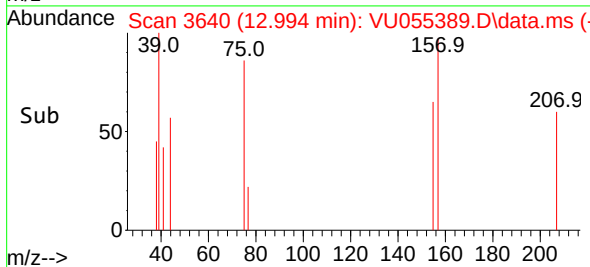
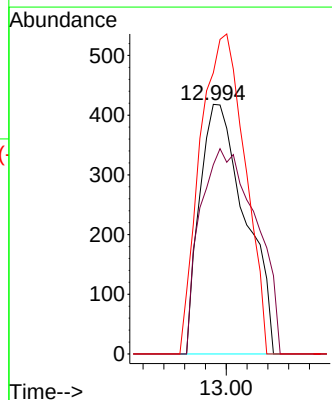
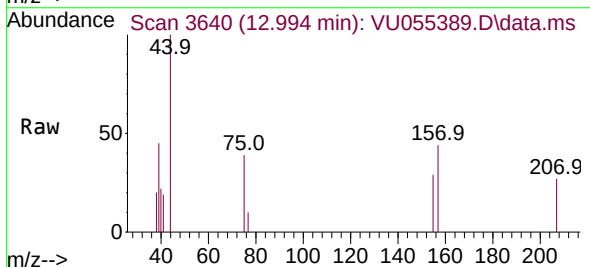
Tgt Ion: 75 Resp: 636

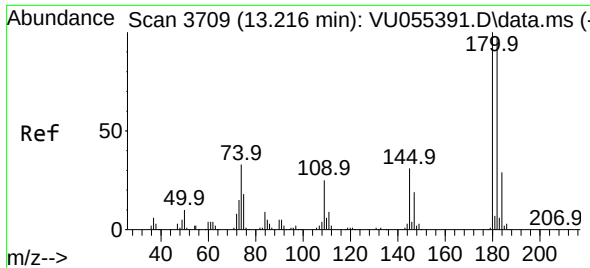
Ion Ratio Lower Upper

75 100

155 75.8 69.2 103.8

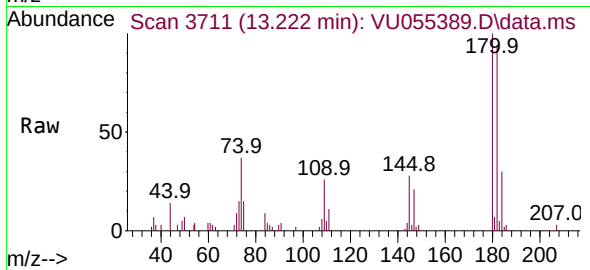
157 112.7 81.9 122.9



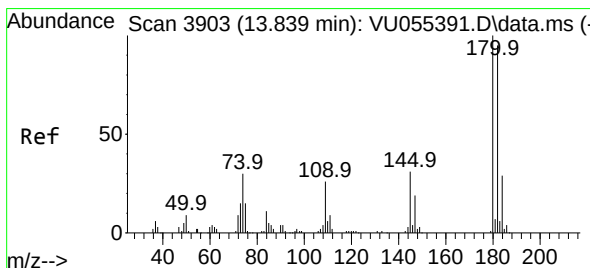
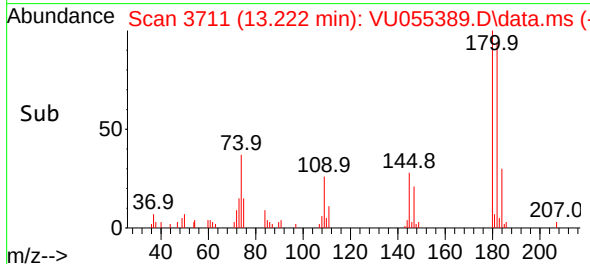
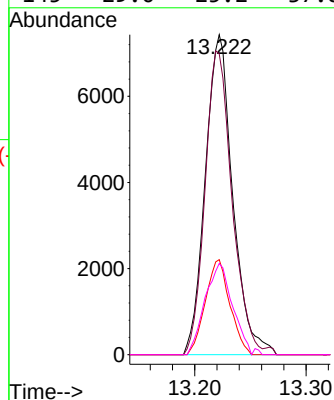


#69
 1,3,5-Trichlorobenzene
 Concen: 0.461 ug/L
 RT: 13.222 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

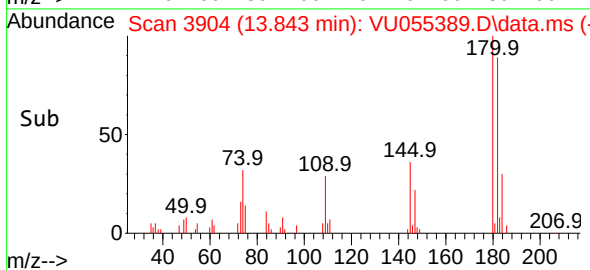
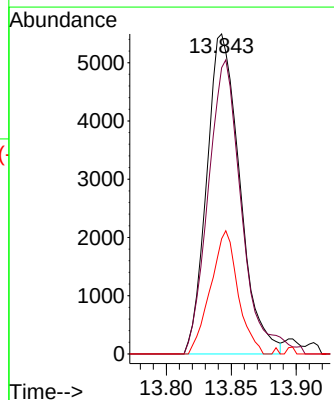
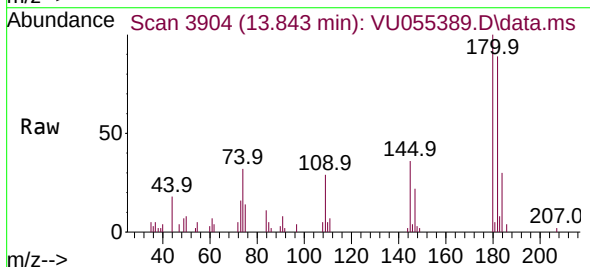


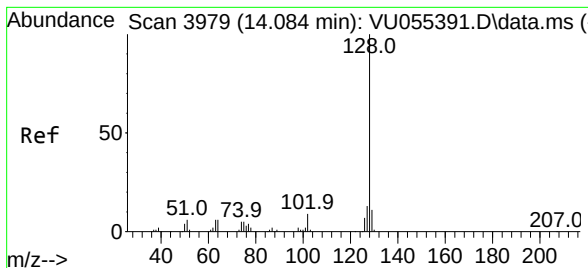
Tgt Ion:180 Resp: 12707
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.1 115.7
 184 26.6 24.0 36.0
 145 29.0 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.456 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.003 min
 Lab File: VU055389.D
 Acq: 19 Sep 2023 13:06

Tgt Ion:180 Resp: 9735
 Ion Ratio Lower Upper
 180 100
 182 92.3 76.4 114.6
 145 31.8 25.4 38.0





#71

Naphthalene

Concen: 0.394 ug/L

RT: 14.093 min Scan# 3979

Delta R.T. 0.010 min

Lab File: VU055389.D

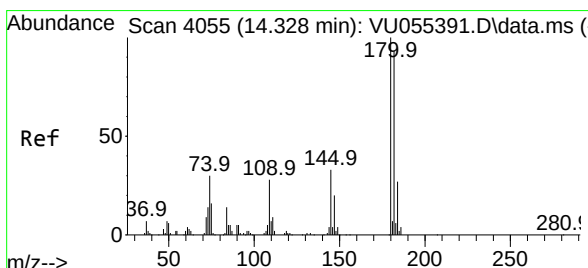
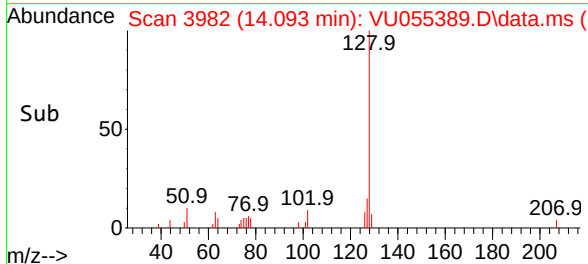
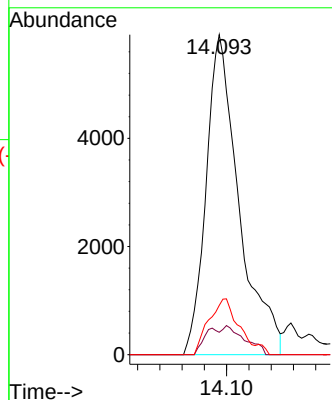
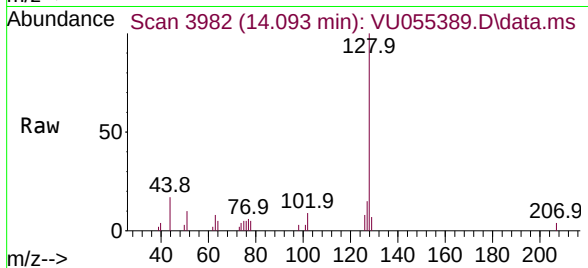
Acq: 19 Sep 2023 13:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	12120
Ion Ratio	Lower	Upper
128	100	
129	6.2	8.5 12.7#
127	16.4	10.2 15.4#



#72

1,2,3-Trichlorobenzene

Concen: 0.445 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. -0.000 min

Lab File: VU055389.D

Acq: 19 Sep 2023 13:06

Tgt Ion:180	Resp:	8294
Ion Ratio	Lower	Upper
180	100	
182	90.2	76.2 114.4
145	29.3	26.0 39.0

