

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055052.D
 Acq On : 01 Sep 2023 20:02
 Operator : MD/SY
 Sample : 04230-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:49:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

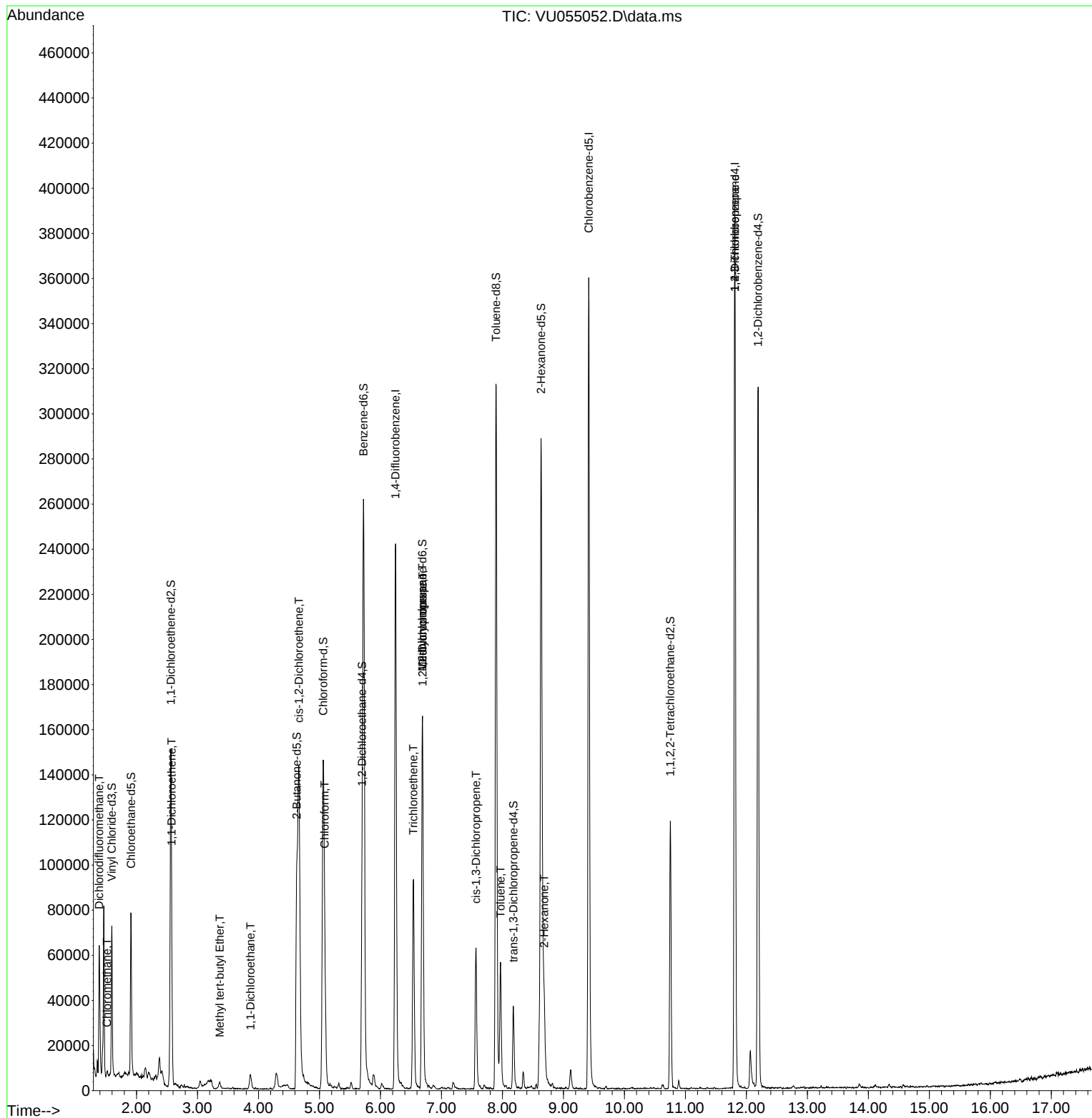
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	195065	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	103356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44173	4.832	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.911	69	50445	4.767	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.563	65	26090	5.008	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.200%	
20) 2-Butanone-d5	4.628	46	150806	56.843	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.680%	
24) Chloroform-d	5.062	84	125517	5.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
26) 1,2-Dichloroethane-d4	5.698	65	63598	5.240	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.724	84	242348	5.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
36) 1,2-Dichloropropane-d6	6.689	67	79002	5.223	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.898	98	213563	4.875	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
43) trans-1,3-Dichloroprop...	8.180	79	21321	5.119	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.400%	
46) 2-Hexanone-d5	8.634	63	95136	56.259	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.520%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57382	5.394	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	79587	5.275	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.387	85	1391	0.123	ug/L #	84
3) Chloromethane	1.518	50	1573	0.136	ug/L	95
12) 1,1-Dichloroethene	2.576	96	9598	1.064	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	2808	0.119	ug/L #	82
19) 1,1-Dichloroethane	3.869	63	7677	0.388	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	59821	5.341	ug/L	99
25) Chloroform	5.084	83	46025	2.235	ug/L	97
34) Trichloroethene	6.541	95	30043	2.636	ug/L	96
35) Methylcyclohexane	6.689	83	18592	1.163	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	9220	0.826	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	1688	0.111	ug/L #	38
42) Toluene	7.968	91	39066	0.894	ug/L	100
48) 2-Hexanone	8.685	43	20467	4.103	ug/L #	89
61) 1,2,3-Trichloropropane	11.811	75	14111	2.057	ug/L #	70

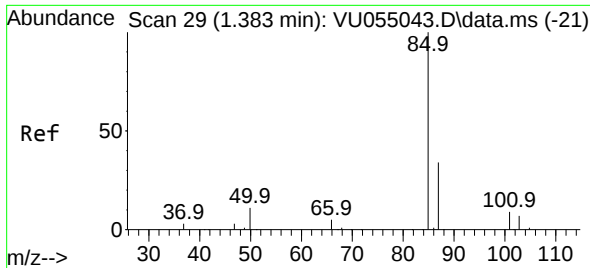
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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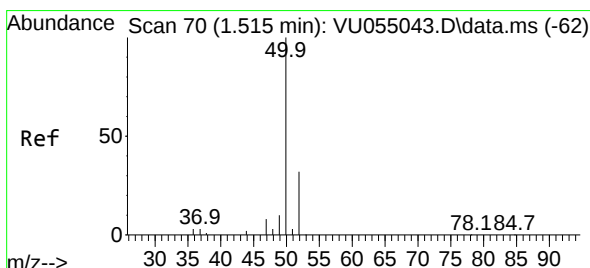
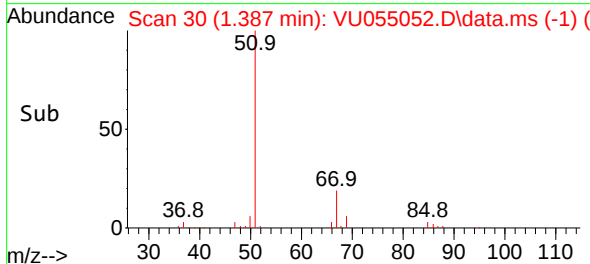
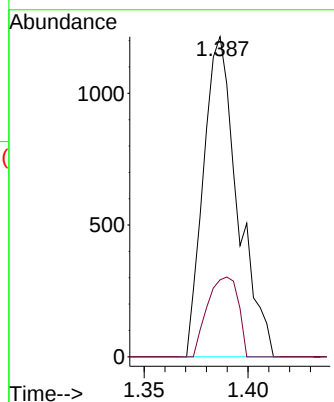
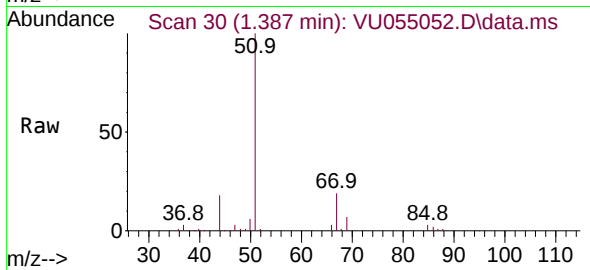




#2
 Dichlorodifluoromethane
 Concen: 0.123 ug/L
 RT: 1.387 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU055052.D
 Acq: 01 Sep 2023 20:02

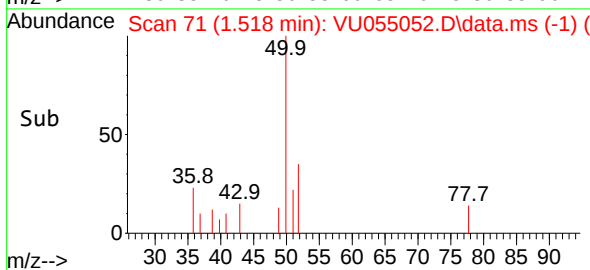
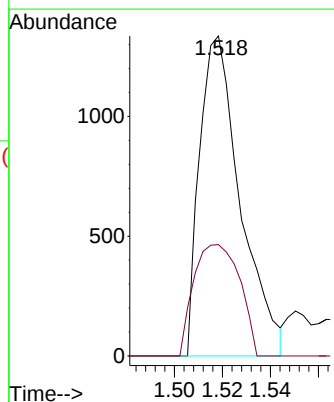
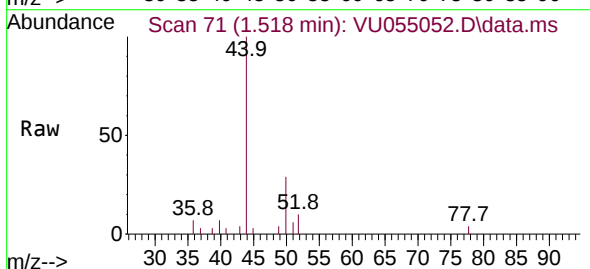
Instrument :
 MSVOA_U
 ClientSampleId :

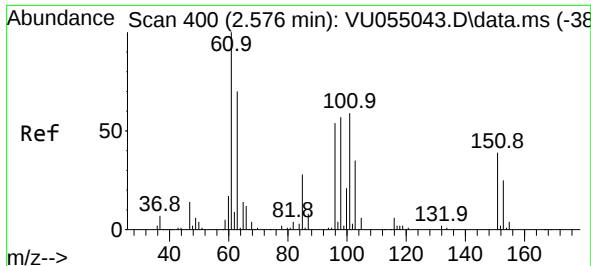
Tgt Ion: 85 Resp: 1391
 Ion Ratio Lower Upper
 85 100
 87 22.4 25.1 37.7#



#3
 Chloromethane
 Concen: 0.136 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055052.D
 Acq: 01 Sep 2023 20:02

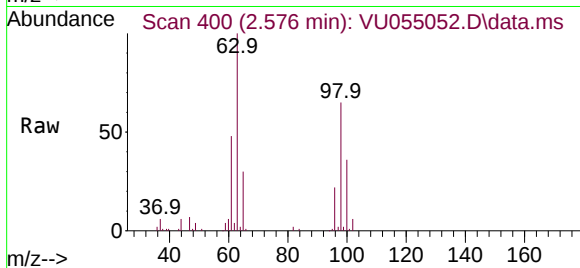
Tgt Ion: 50 Resp: 1573
 Ion Ratio Lower Upper
 50 100
 52 34.8 22.5 41.7



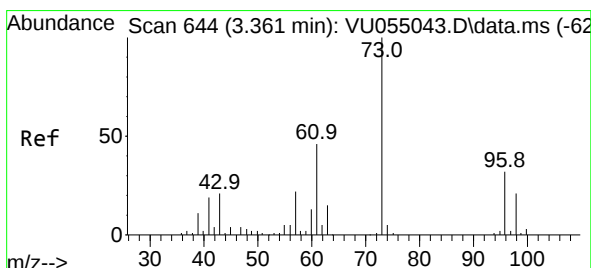
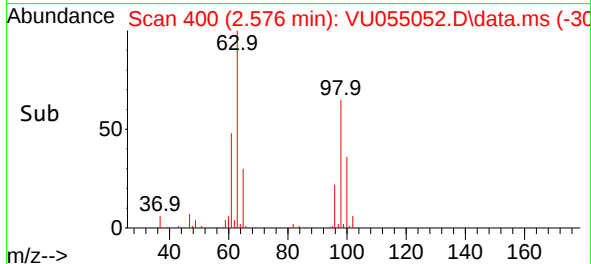
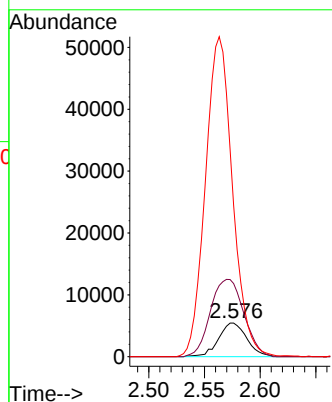


#12
1,1-Dichloroethene
Concen: 1.064 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055052.D
Acq: 01 Sep 2023 20:02

Instrument :
MSVOA_U
ClientSampleId :

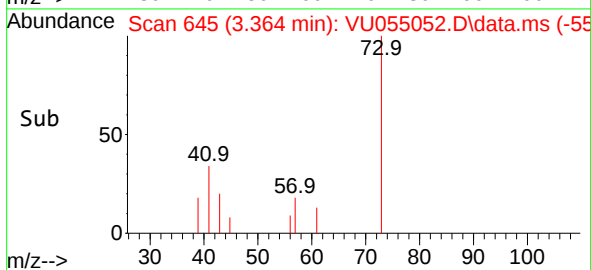
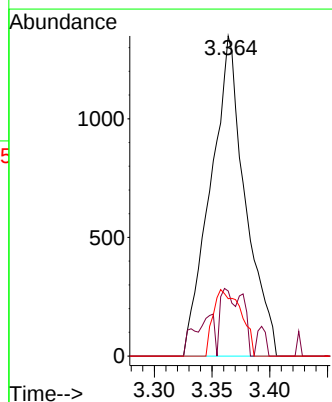
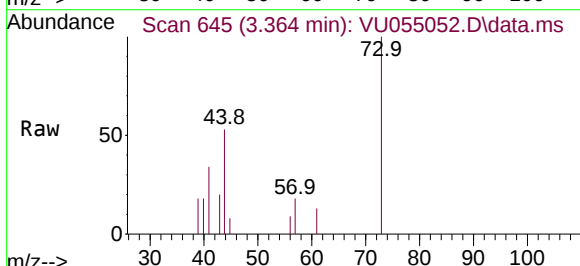


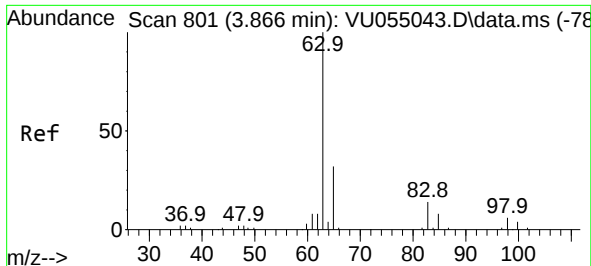
Tgt Ion: 96 Resp: 9598
Ion Ratio Lower Upper
96 100
61 217.2 120.8 224.4
63 449.1 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.119 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055052.D
Acq: 01 Sep 2023 20:02

Tgt Ion: 73 Resp: 2808
Ion Ratio Lower Upper
73 100
43 8.5 16.2 24.2#
57 16.6 17.4 26.2#





#19

1,1-Dichloroethane

Concen: 0.388 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

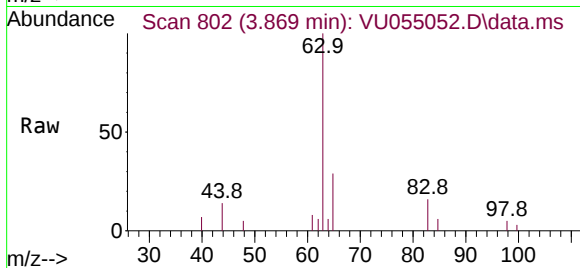
Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

Instrument :

MSVOA_U

ClientSampleId :



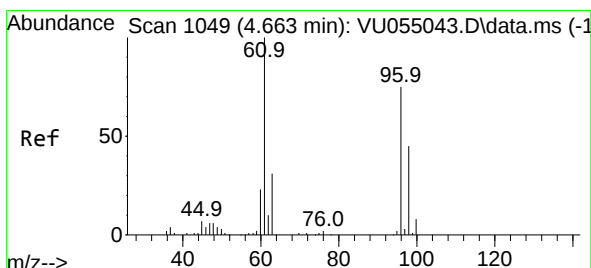
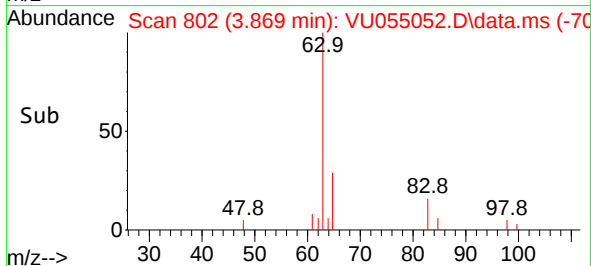
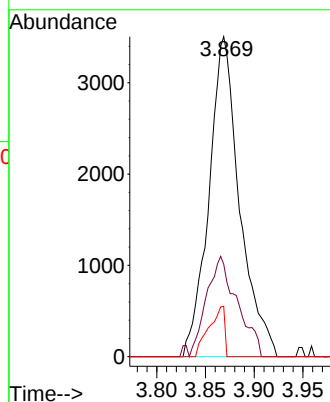
Tgt Ion: 63 Resp: 7677

Ion Ratio Lower Upper

63 100

65 28.9 22.2 41.2

83 15.7 10.6 19.8



#22

cis-1,2-Dichloroethene

Concen: 5.341 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

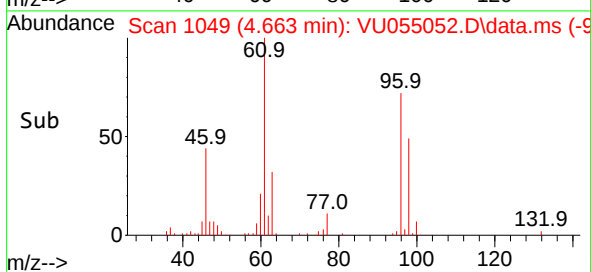
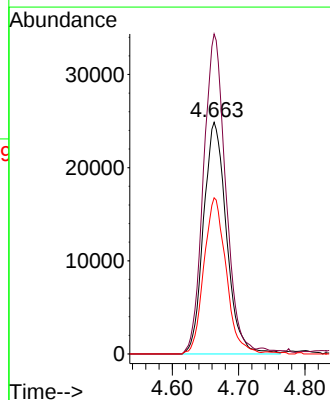
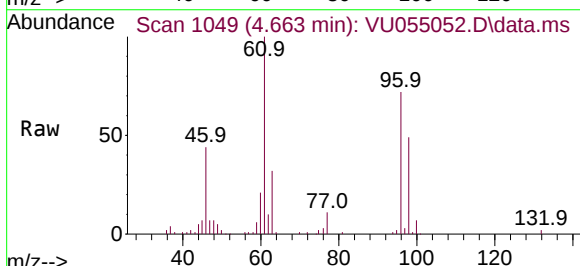
Tgt Ion: 96 Resp: 59821

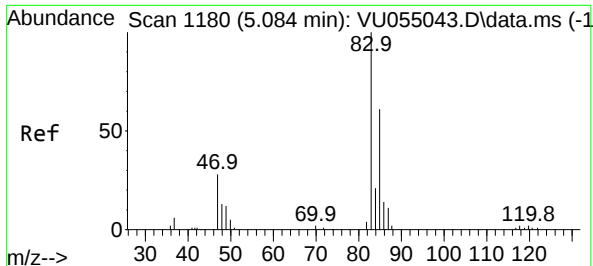
Ion Ratio Lower Upper

96 100

61 138.2 97.2 180.4

98 67.4 46.1 85.7





#25

Chloroform

Concen: 2.235 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

Instrument :

MSVOA_U

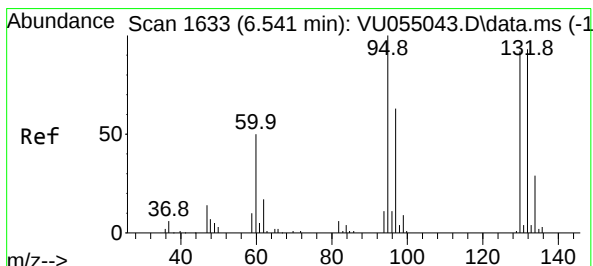
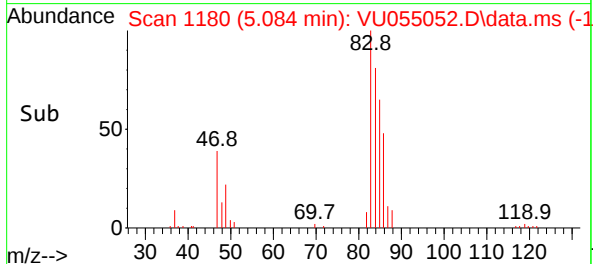
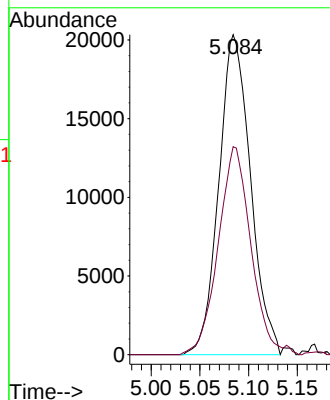
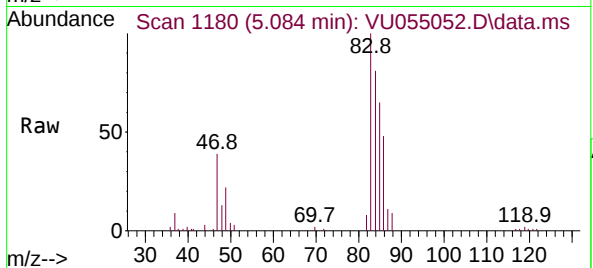
ClientSampleId :

Tgt Ion: 83 Resp: 46025

Ion Ratio Lower Upper

83 100

85 65.0 47.2 87.6



#34

Trichloroethene

Concen: 2.636 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

Tgt Ion: 95 Resp: 30043

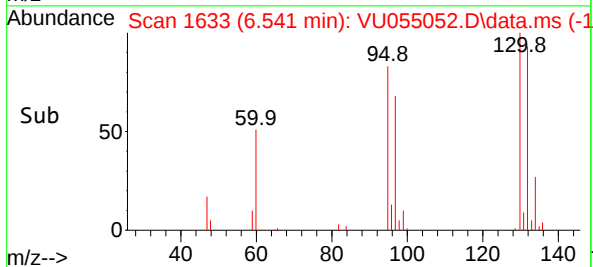
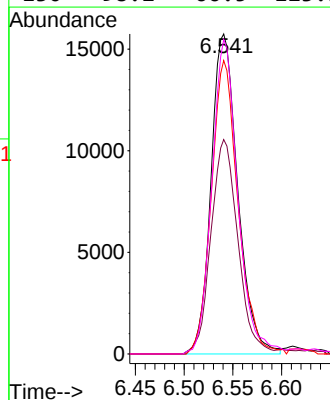
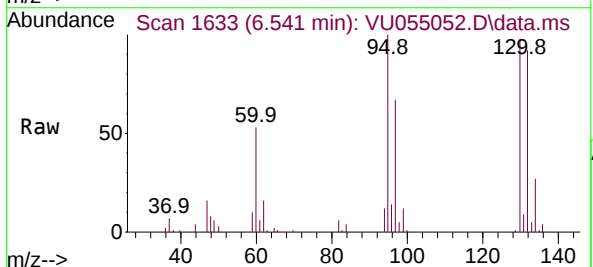
Ion Ratio Lower Upper

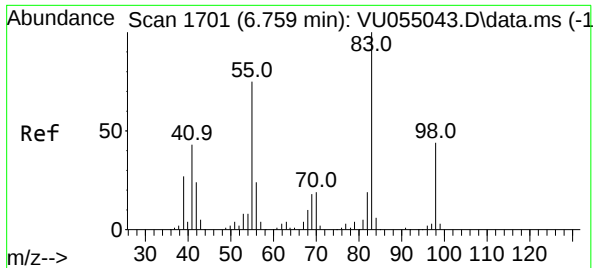
95 100

97 67.0 44.7 83.1

132 91.7 66.6 123.6

130 98.2 66.5 123.5

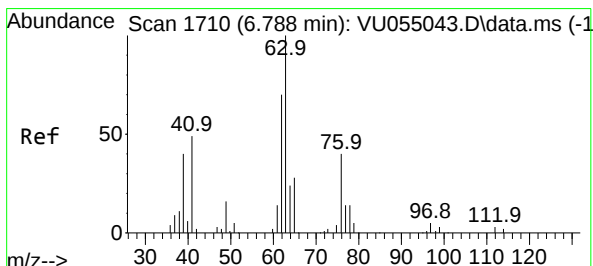
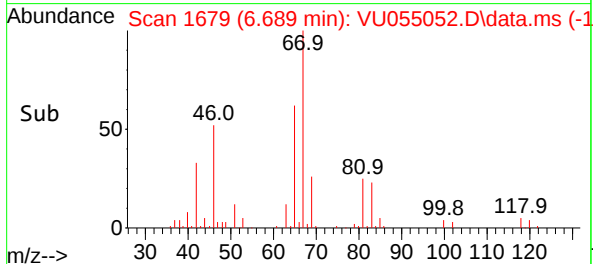
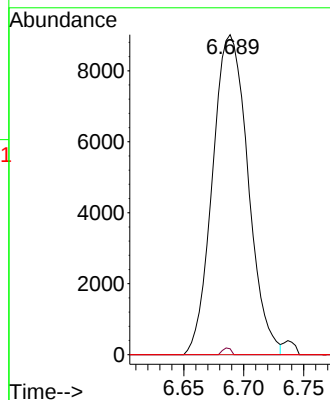
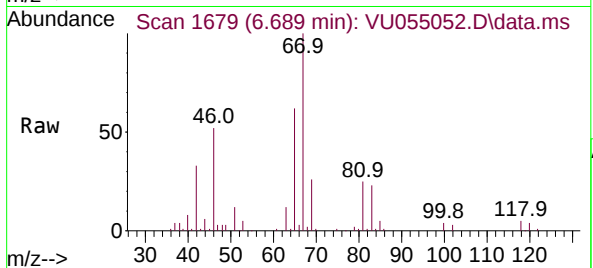




#35
Methylcyclohexane
Concen: 1.163 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055052.D
Acq: 01 Sep 2023 20:02

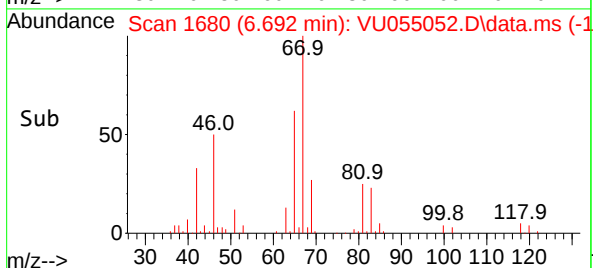
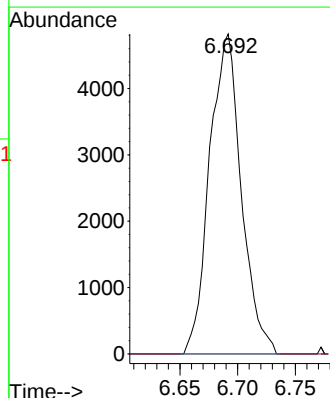
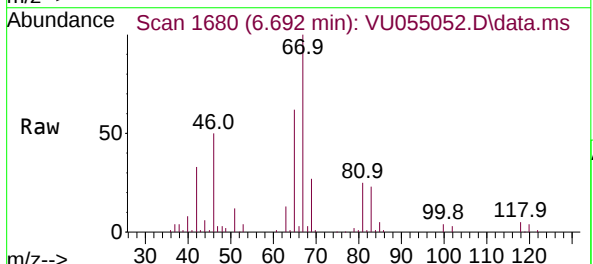
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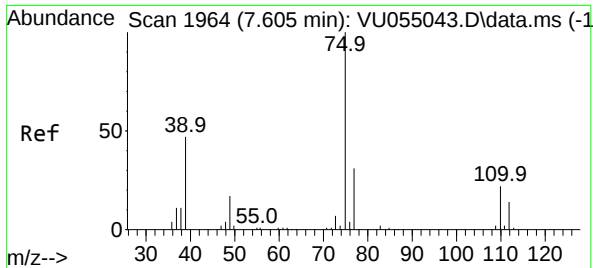
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	0.0	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.826 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.096 min
Lab File: VU055052.D
Acq: 01 Sep 2023 20:02

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

Instrument :

MSVOA_U

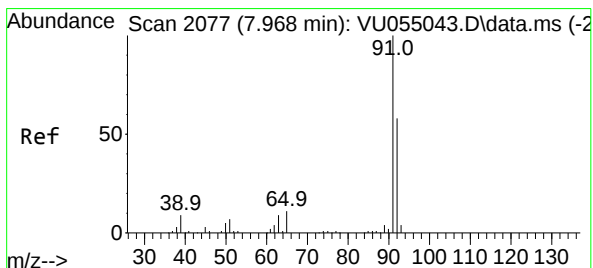
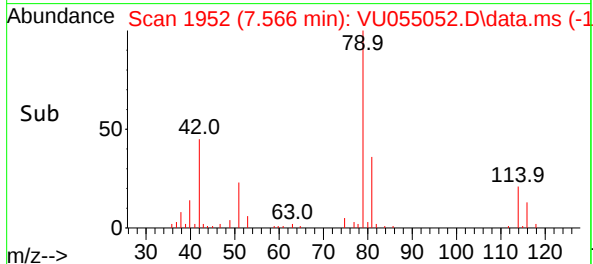
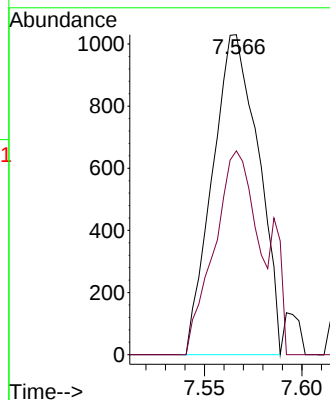
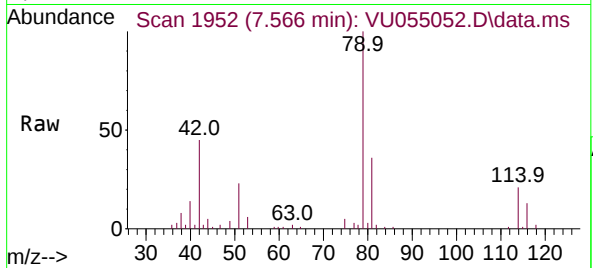
ClientSampleId :

Tgt Ion: 75 Resp: 1688

Ion Ratio Lower Upper

75 100

77 63.7 20.9 38.9#



#42

Toluene

Concen: 0.894 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055052.D

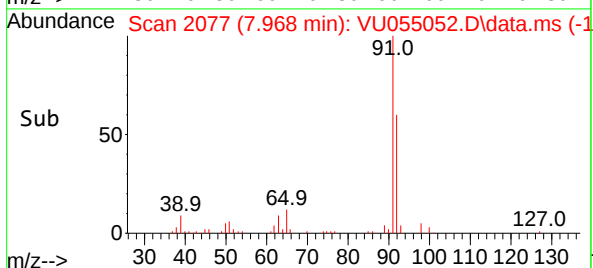
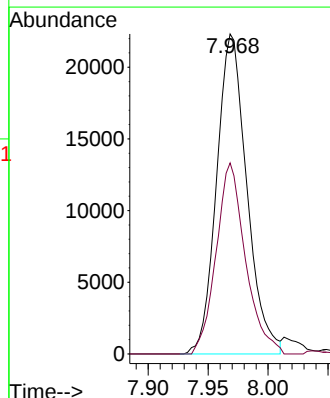
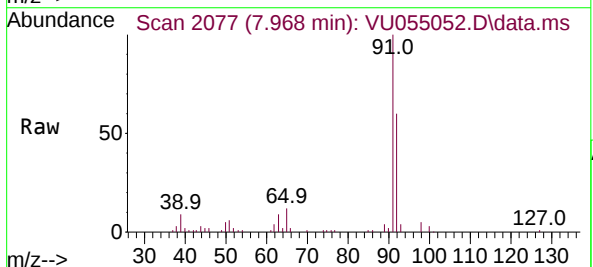
Acq: 01 Sep 2023 20:02

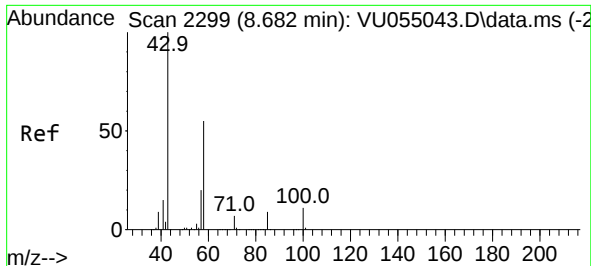
Tgt Ion: 91 Resp: 39066

Ion Ratio Lower Upper

91 100

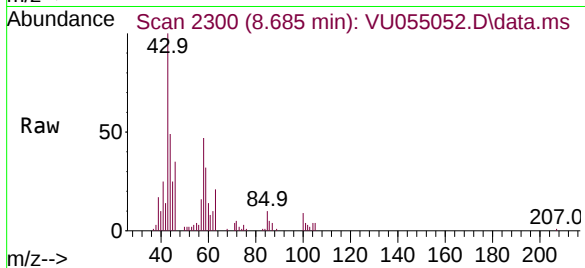
92 59.7 41.9 77.9



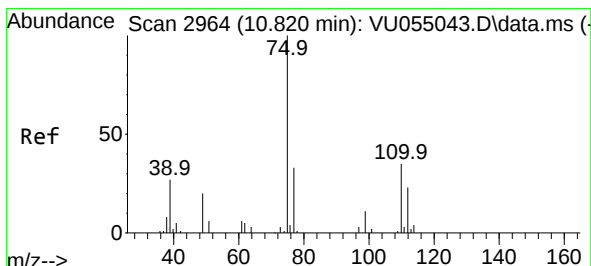
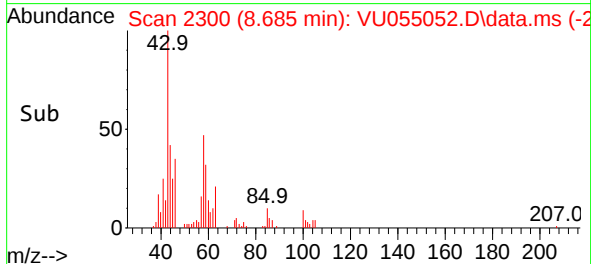
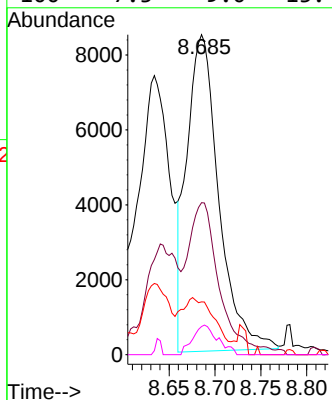


#48
2-Hexanone
Concen: 4.103 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055052.D
Acq: 01 Sep 2023 20:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	20467
Ion	Ratio	Lower	Upper
43	100		
58	44.3	44.0	66.0
57	19.2	16.2	24.2
100	7.3	9.0	13.4



#61
1,2,3-Trichloropropane
Concen: 2.057 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055052.D
Acq: 01 Sep 2023 20:02

Tgt Ion:	75	Resp:	14111
Ion	Ratio	Lower	Upper
75	100		
110	2.6	28.2	42.2
77	32.2	26.2	39.4

