

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055150.D
 Acq On : 06 Sep 2023 19:11
 Operator : MD/SY
 Sample : 04230-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:42:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

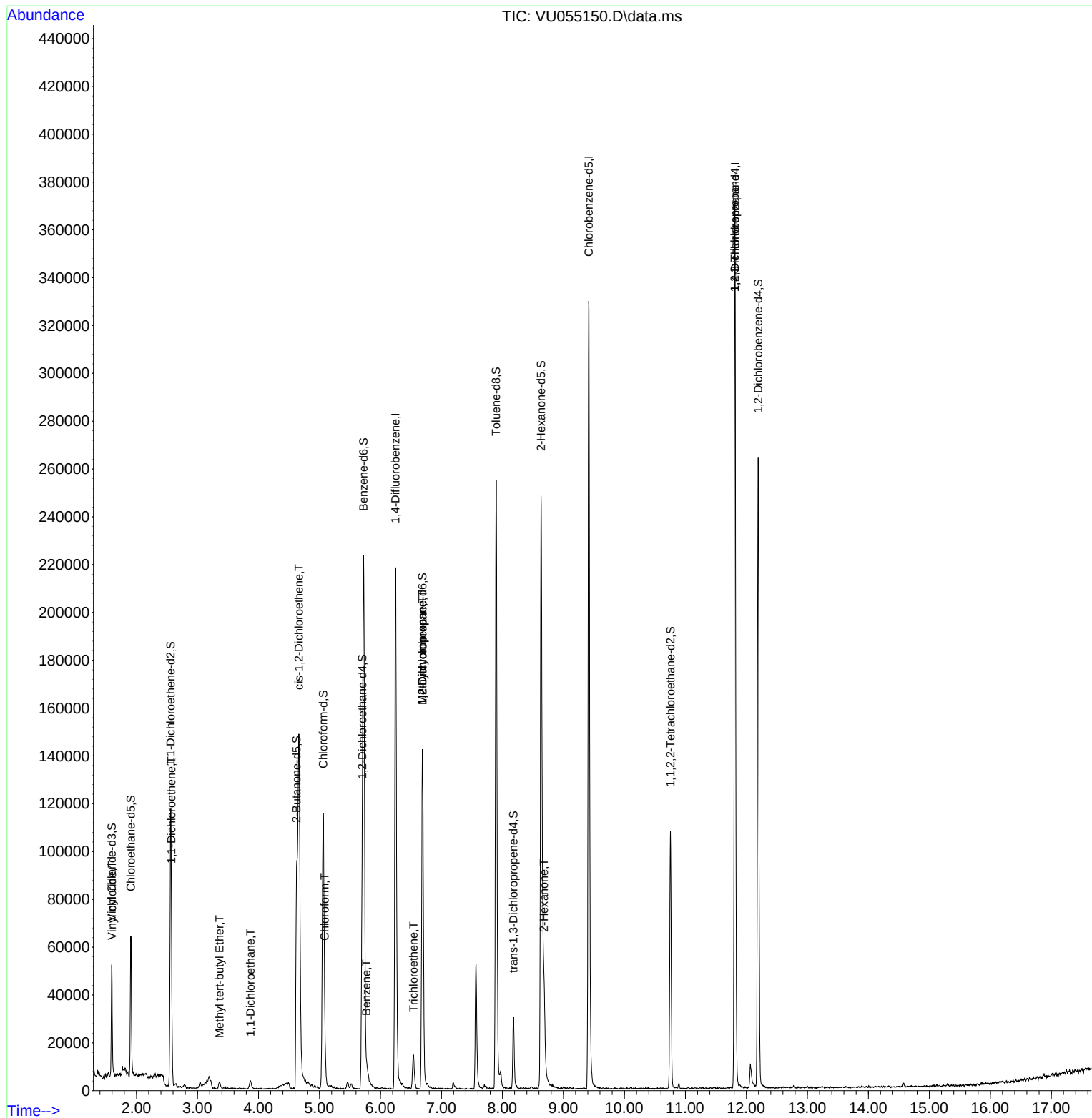
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177622	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	31378	3.769	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.907	69	39839	4.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	20133	4.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.624	46	136292	56.417	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.840%
24) Chloroform-d	5.062	84	104551	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.701	65	55931	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.724	84	202017	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.689	67	67480	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.898	98	173975	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.180	79	16000	4.068	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.634	63	77691	48.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54401	5.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	65904	4.759	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	1605	0.145	ug/L #	24
12) 1,1-Dichloroethene	2.573	96	7562	0.921	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	2492	0.116	ug/L	97
19) 1,1-Dichloroethane	3.869	63	3962	0.220	ug/L #	83
22) cis-1,2-Dichloroethene	4.663	96	65990	6.471	ug/L	97
25) Chloroform	5.084	83	8388	0.447	ug/L	90
33) Benzene	5.772	78	5813	0.150	ug/L	100
34) Trichloroethene	6.544	95	4066	0.378	ug/L	95
35) Methylcyclohexane	6.689	83	16157	1.070	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	7723	0.733	ug/L #	88
48) 2-Hexanone	8.682	43	21103	4.481	ug/L #	92
61) 1,2,3-Trichloropropane	11.811	75	12347	1.961	ug/L #	69

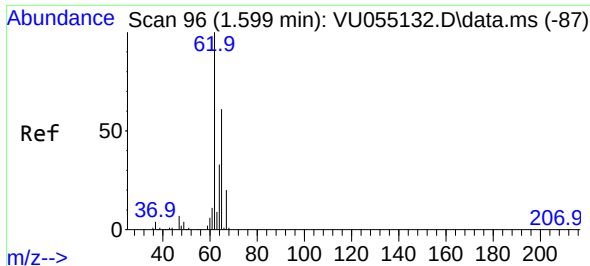
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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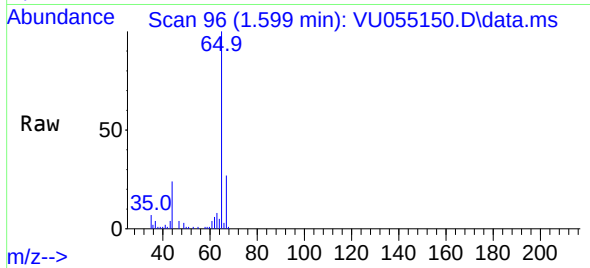
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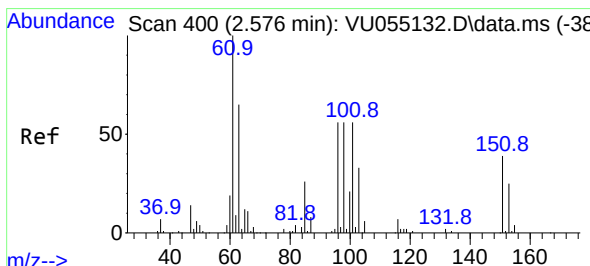
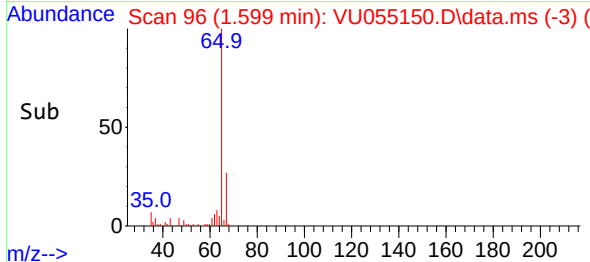
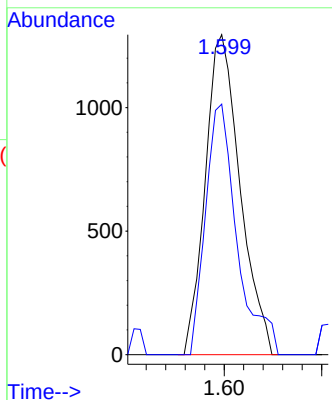


#5
 Vinyl chloride
 Concen: 0.145 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU055150.D
 Acq: 06 Sep 2023 19:11

Instrument :
 MSVOA_U
 ClientSampleId :

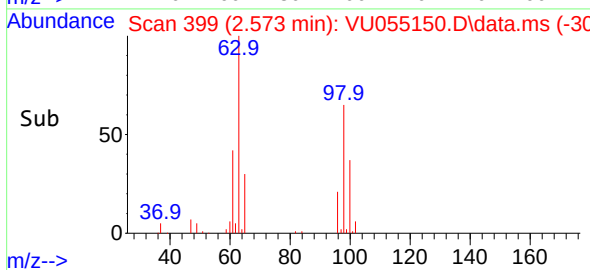
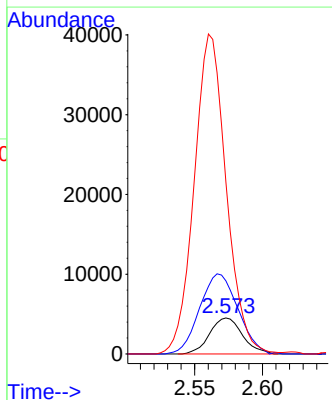
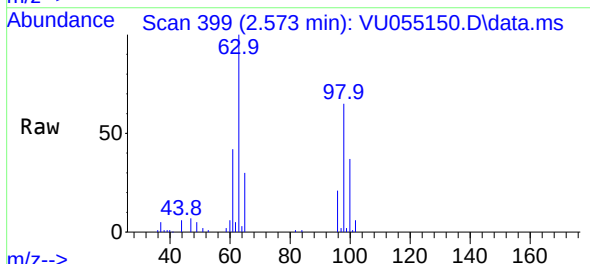


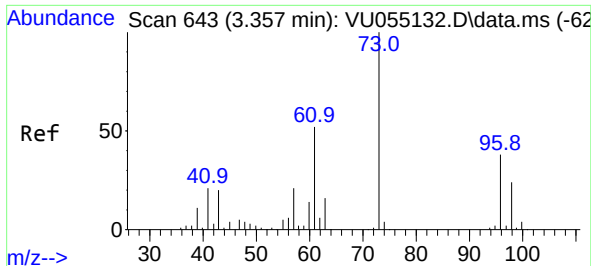
Tgt Ion: 62 Resp: 1605
 Ion Ratio Lower Upper
 62 100
 64 78.3 24.2 45.0#



#12
 1,1-Dichloroethene
 Concen: 0.921 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU055150.D
 Acq: 06 Sep 2023 19:11

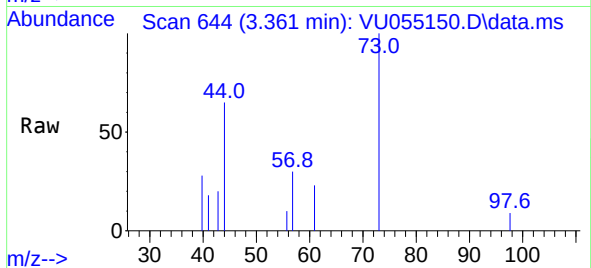
Tgt Ion: 96 Resp: 7562
 Ion Ratio Lower Upper
 96 100
 61 202.6 120.8 224.4
 63 477.3 94.5 175.5#





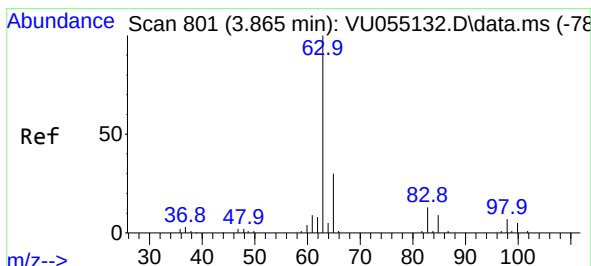
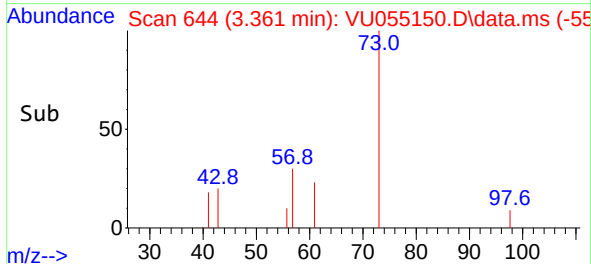
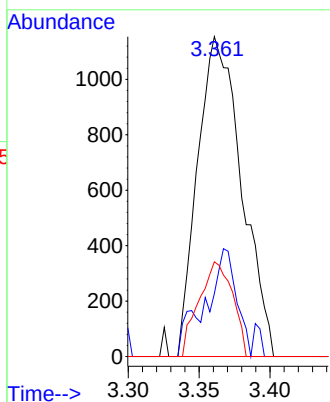
#17
Methyl tert-butyl Ether
Concen: 0.116 ug/L
RT: 3.361 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 2492

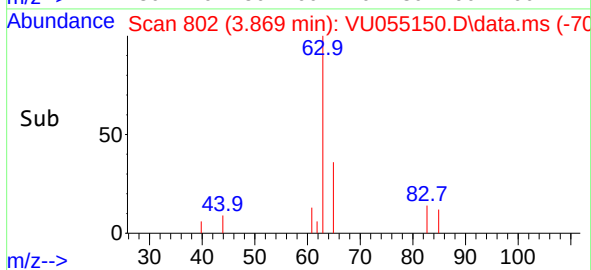
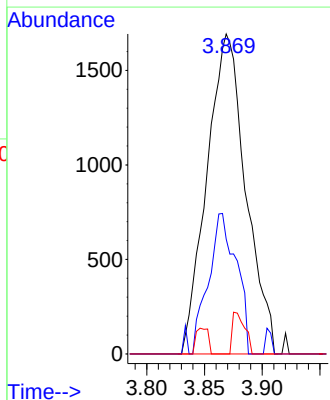
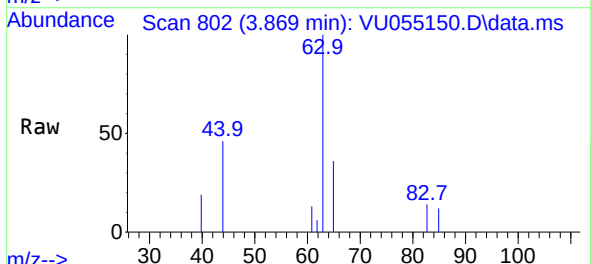
Ion	Ratio	Lower	Upper
73	100		
43	18.6	16.2	24.2
57	22.7	17.4	26.2

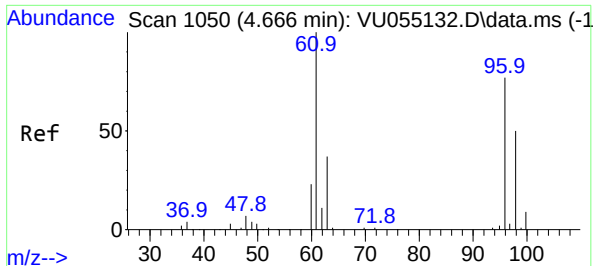


#19
1,1-Dichloroethane
Concen: 0.220 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

Tgt Ion: 63 Resp: 3962

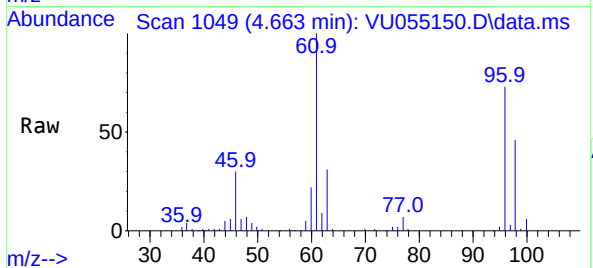
Ion	Ratio	Lower	Upper
63	100		
65	35.9	22.2	41.2
83	0.0	10.6	19.8





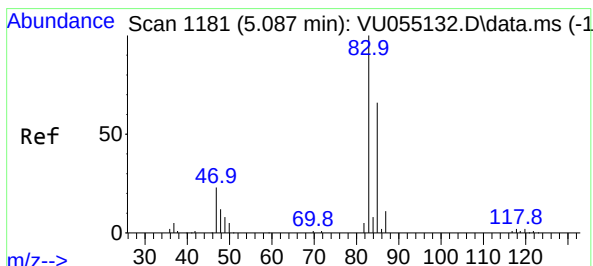
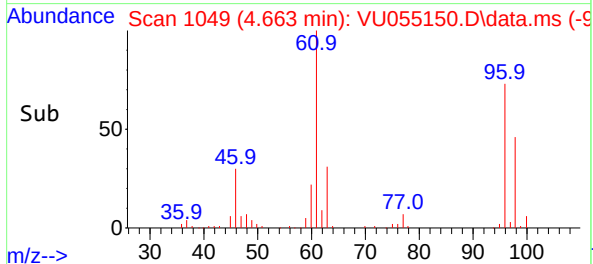
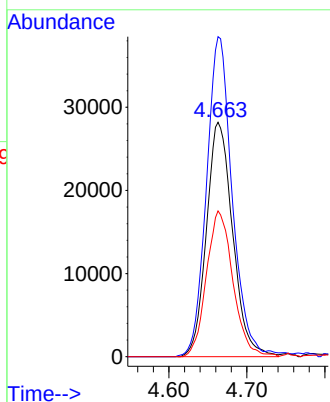
#22
 cis-1,2-Dichloroethene
 Concen: 6.471 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055150.D
 Acq: 06 Sep 2023 19:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 65990

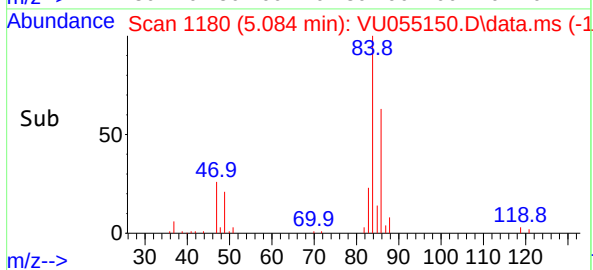
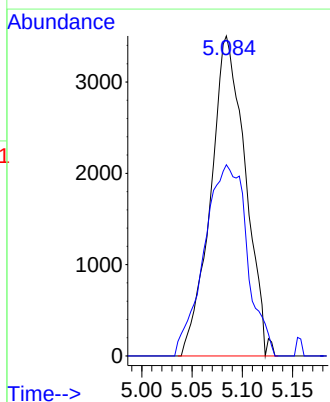
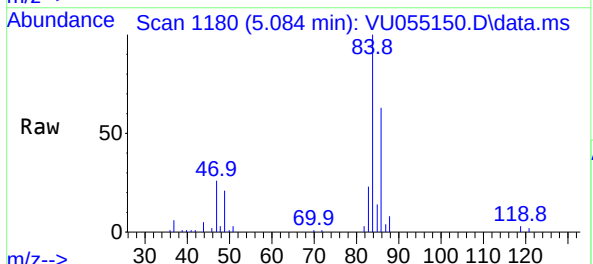
Ion	Ratio	Lower	Upper
96	100		
61	136.5	97.2	180.4
98	62.2	46.1	85.7

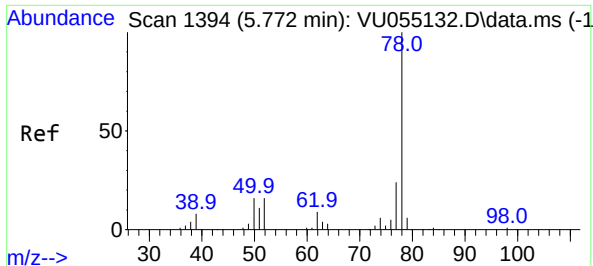


#25
 Chloroform
 Concen: 0.447 ug/L
 RT: 5.084 min Scan# 1180
 Delta R.T. -0.003 min
 Lab File: VU055150.D
 Acq: 06 Sep 2023 19:11

Tgt Ion: 83 Resp: 8388

Ion	Ratio	Lower	Upper
83	100		
85	59.7	47.2	87.6

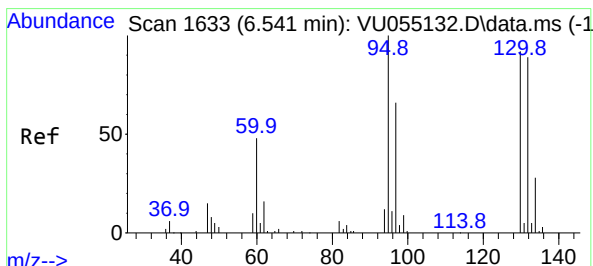
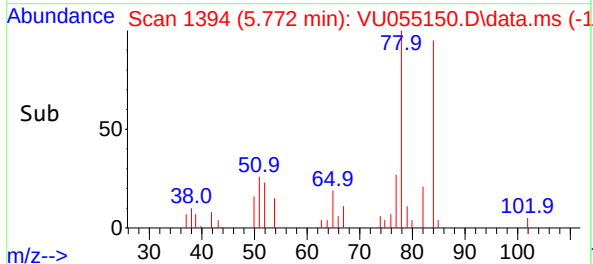
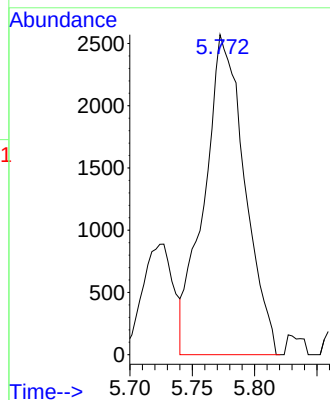
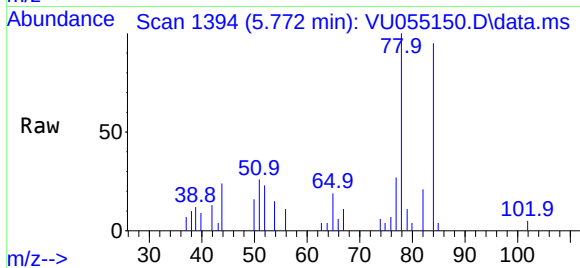




#33
Benzene
Concen: 0.150 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

Instrument :
MSVOA_U
ClientSampleId :

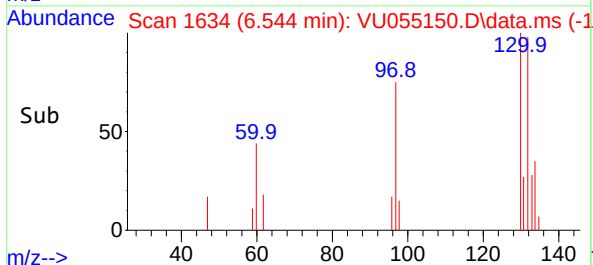
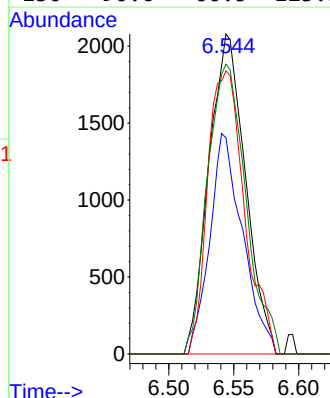
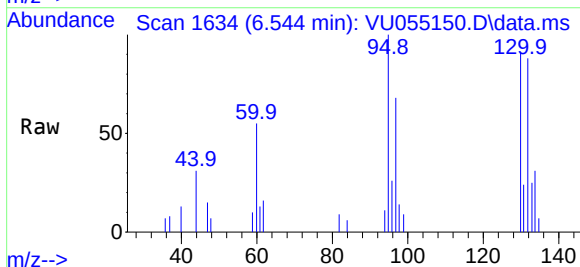
Tgt Ion: 78 Resp: 5813

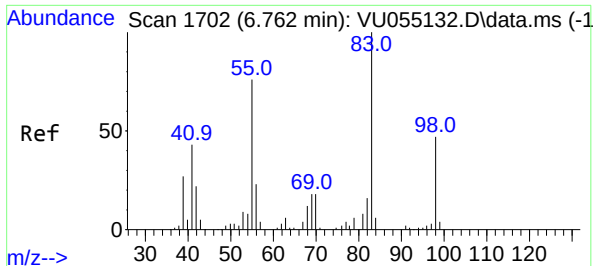


#34
Trichloroethene
Concen: 0.378 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

Tgt Ion: 95 Resp: 4066

Ion	Ratio	Lower	Upper
95	100		
97	67.6	44.7	83.1
132	88.5	66.6	123.6
130	90.6	66.5	123.5

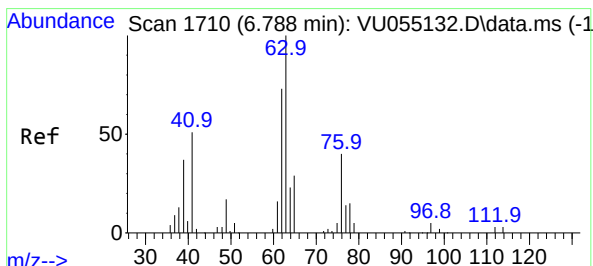
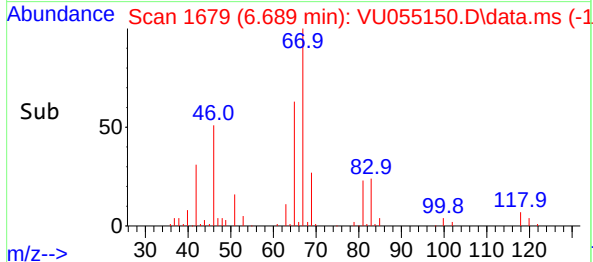
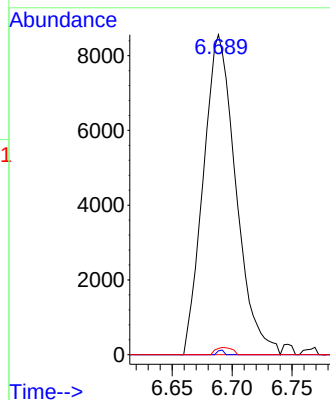
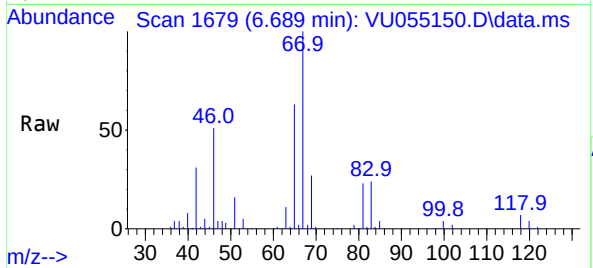




#35
Methylcyclohexane
Concen: 1.070 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

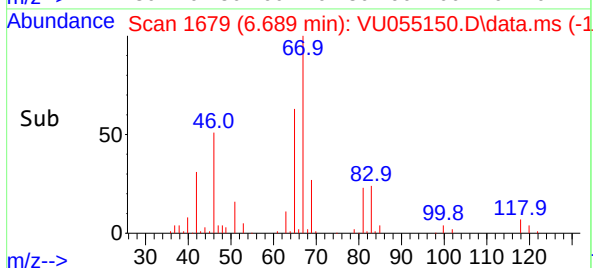
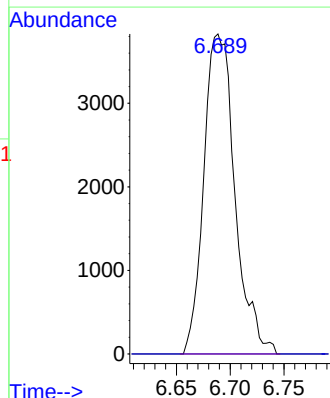
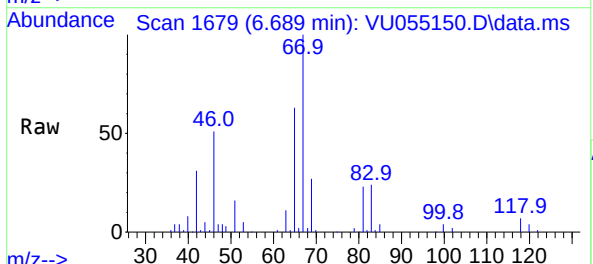
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ClientSampleId :

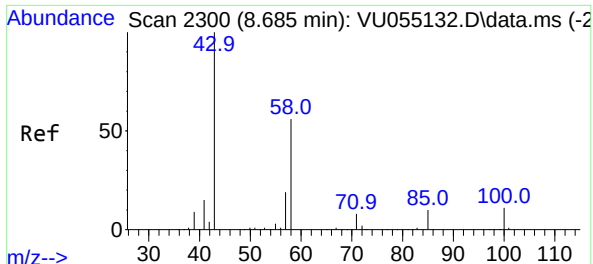
Tgt Ion: 83 Resp: 16157
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 1.1 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.733 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

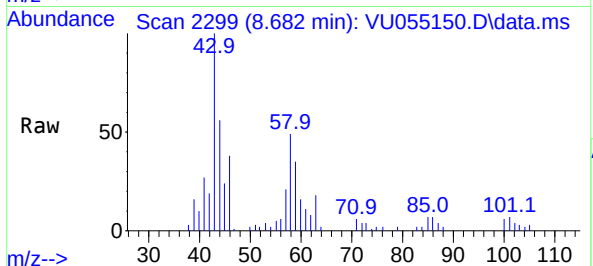
Tgt Ion: 63 Resp: 7723
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



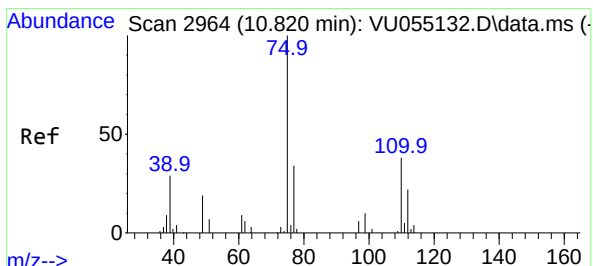
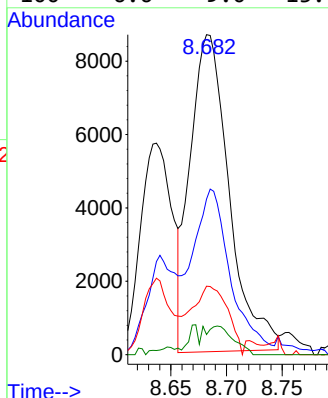
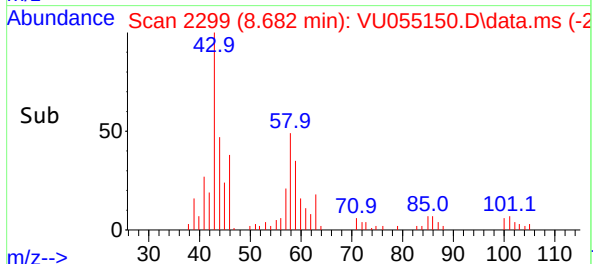


#48
2-Hexanone
Concen: 4.481 ug/L
RT: 8.682 min Scan# 21103
Delta R.T. 0.000 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11

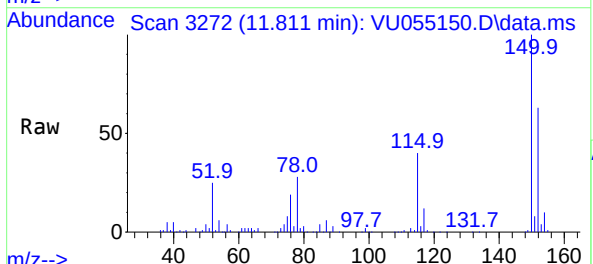
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 21103
Ion Ratio Lower Upper
43 100
58 48.5 44.0 66.0
57 19.7 16.2 24.2
100 6.6 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 1.961 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055150.D
Acq: 06 Sep 2023 19:11



Tgt Ion: 75 Resp: 12347
Ion Ratio Lower Upper
75 100
110 2.6 28.2 42.2#
77 35.4 26.2 39.4

