

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055079.D
 Acq On : 02 Sep 2023 07:08
 Operator : MD/SY
 Sample : 04250-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 01:37:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

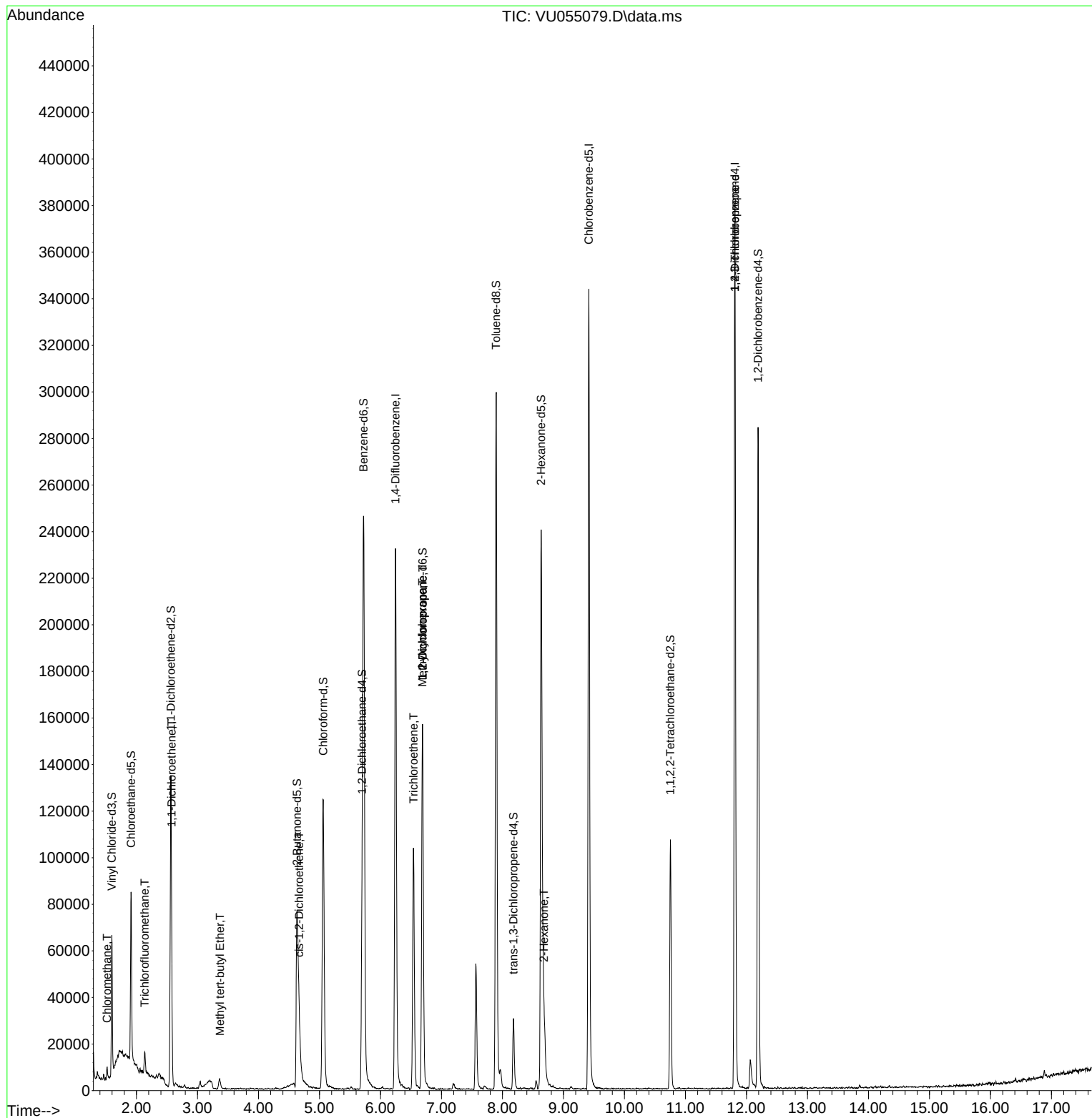
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	184294	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40234	4.658	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	48143	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	25162	5.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.631	46	129976	51.855	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.062	84	116480	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.698	65	57597	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.724	84	233549	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.689	67	76435	5.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.894	98	205710	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.181	79	17641	4.286	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.634	63	77167	46.177	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52475	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	73549	5.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2865	0.263	ug/L	86
9) Trichlorofluoromethane	2.136	101	5489	0.328	ug/L	94
12) 1,1-Dichloroethene	2.573	96	2732	0.321	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	4389	0.196	ug/L #	88
22) cis-1,2-Dichloroethene	4.666	96	5641	0.533	ug/L	95
34) Trichloroethene	6.541	95	34924	3.101	ug/L	93
35) Methylcyclohexane	6.685	83	17074	1.081	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	7958	0.721	ug/L #	88
48) 2-Hexanone	8.682	43	16496	3.347	ug/L #	89
61) 1,2,3-Trichloropropane	11.811	75	13949	2.185	ug/L #	69

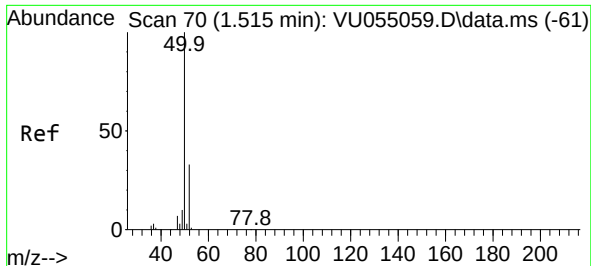
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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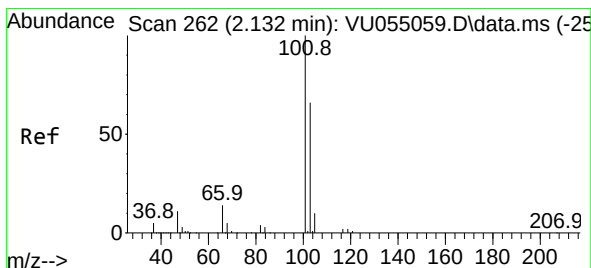
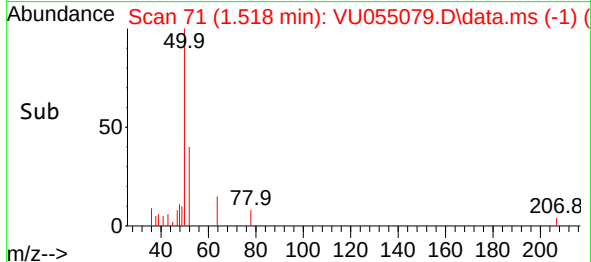
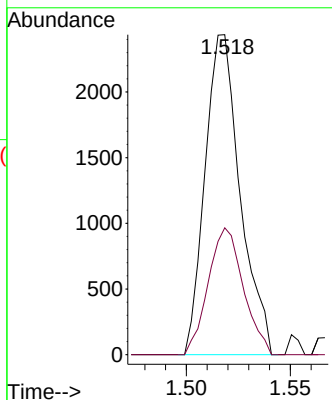
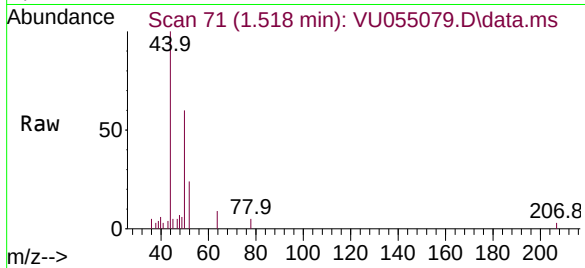




#3
Chloromethane
Concen: 0.263 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055079.D
Acq: 02 Sep 2023 07:08

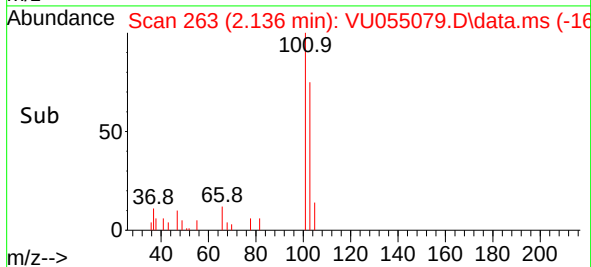
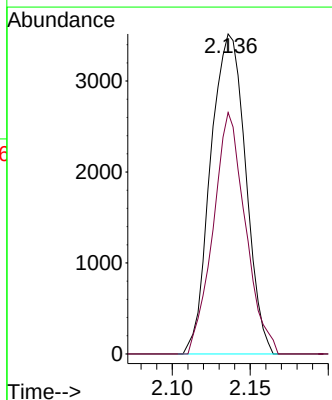
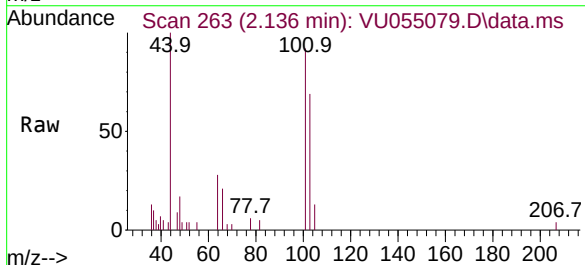
Instrument :
MSVOA_U
ClientSampleId :

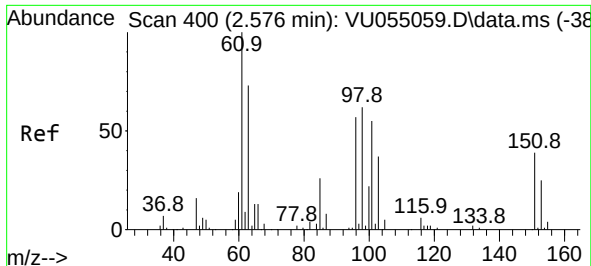
Tgt Ion: 50 Resp: 2865
Ion Ratio Lower Upper
50 100
52 39.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 0.328 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU055079.D
Acq: 02 Sep 2023 07:08

Tgt Ion: 101 Resp: 5489
Ion Ratio Lower Upper
101 100
103 69.7 51.9 77.9





#12

1,1-Dichloroethene

Concen: 0.321 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

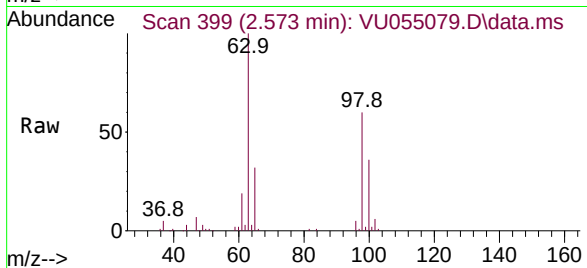
Lab File: VU055079.D

Acq: 02 Sep 2023 07:08

Instrument :

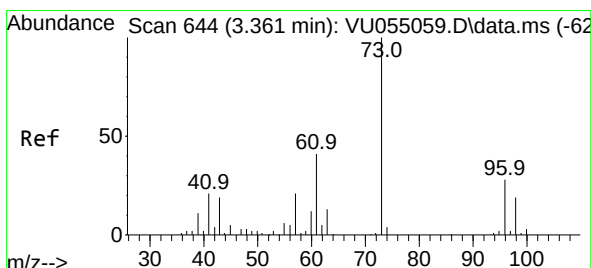
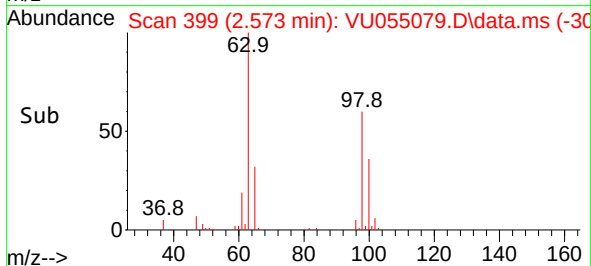
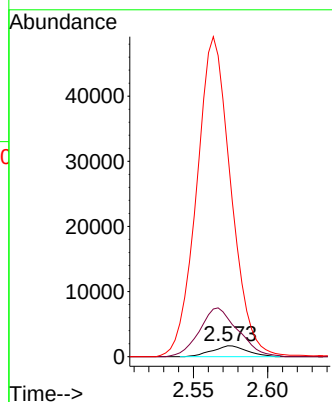
MSVOA_U

ClientSampleId :



Tgt Ion: 96 Resp: 2732

Ion	Ratio	Lower	Upper
96	100		
61	352.7	120.8	224.4#
63	1881.0	94.5	175.5#



#17

Methyl tert-butyl Ether

Concen: 0.196 ug/L

RT: 3.367 min Scan# 646

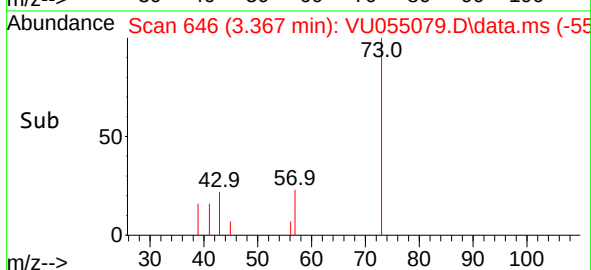
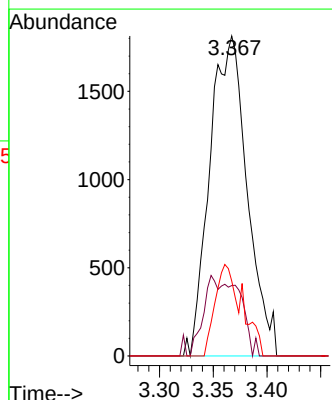
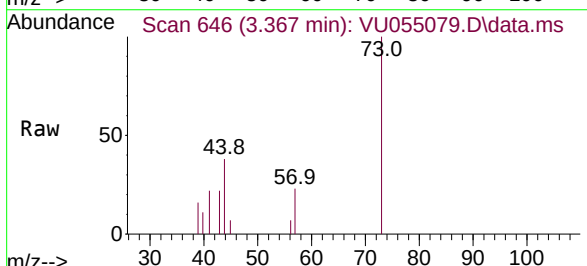
Delta R.T. 0.006 min

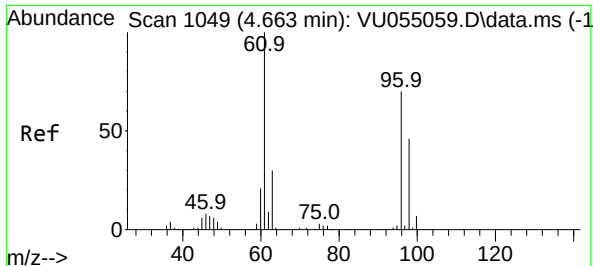
Lab File: VU055079.D

Acq: 02 Sep 2023 07:08

Tgt Ion: 73 Resp: 4389

Ion	Ratio	Lower	Upper
73	100		
43	10.0	16.2	24.2#
57	20.7	17.4	26.2

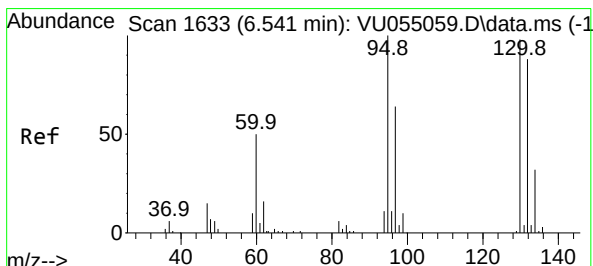
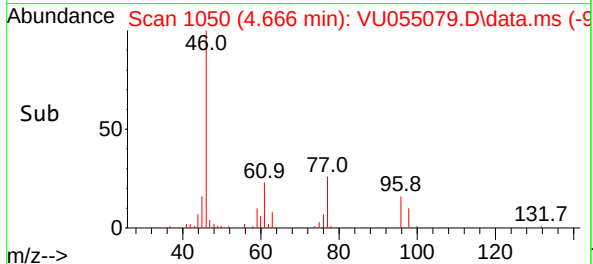
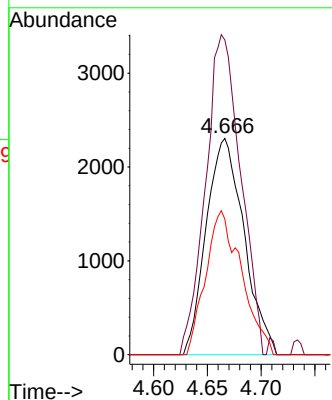
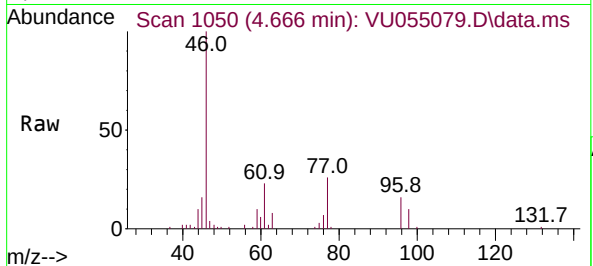




#22
 cis-1,2-Dichloroethene
 Concen: 0.533 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055079.D
 Acq: 02 Sep 2023 07:08

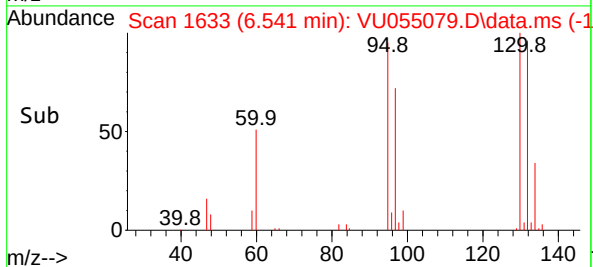
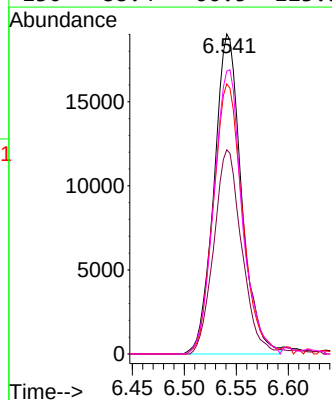
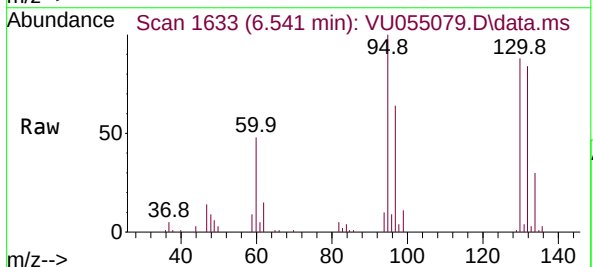
Instrument :
 MSVOA_U
 ClientSampleId :

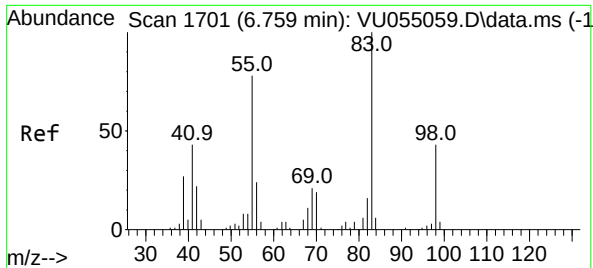
Tgt Ion: 96 Resp: 5641
 Ion Ratio Lower Upper
 96 100
 61 145.4 97.2 180.4
 98 62.7 46.1 85.7



#34
 Trichloroethene
 Concen: 3.101 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055079.D
 Acq: 02 Sep 2023 07:08

Tgt Ion: 95 Resp: 34924
 Ion Ratio Lower Upper
 95 100
 97 63.8 44.7 83.1
 132 84.4 66.6 123.6
 130 88.4 66.5 123.5

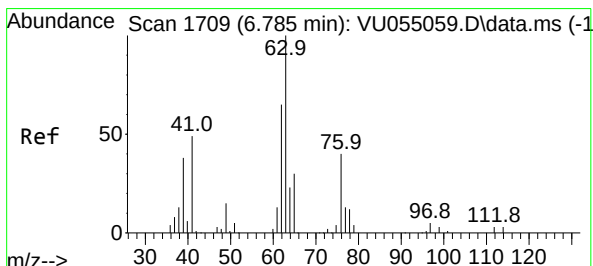
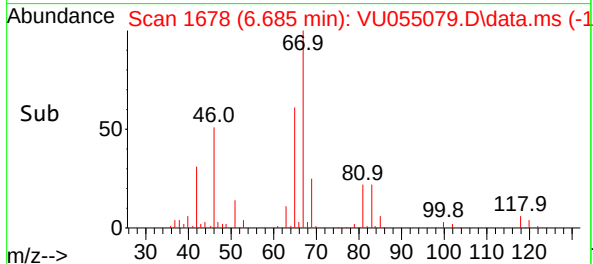
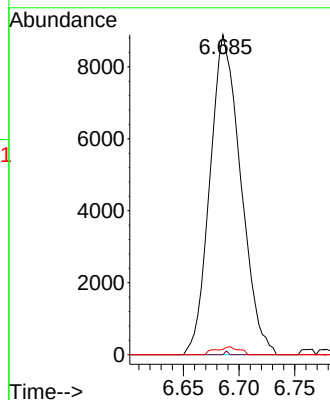
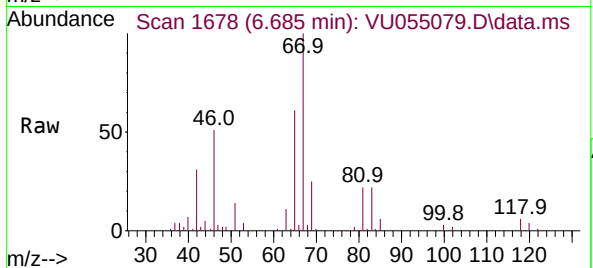




#35
Methylcyclohexane
Concen: 1.081 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055079.D
Acq: 02 Sep 2023 07:08

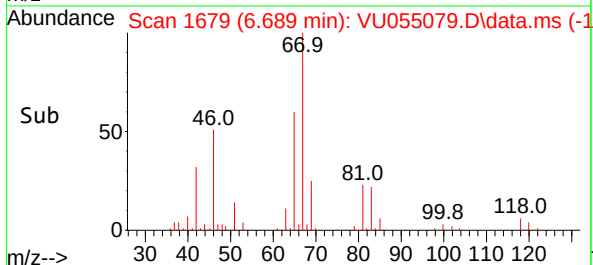
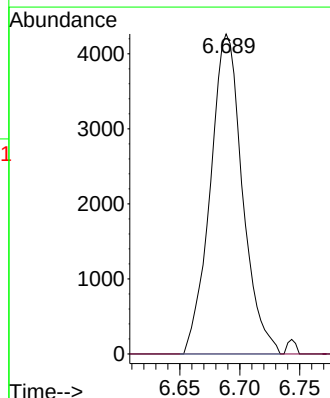
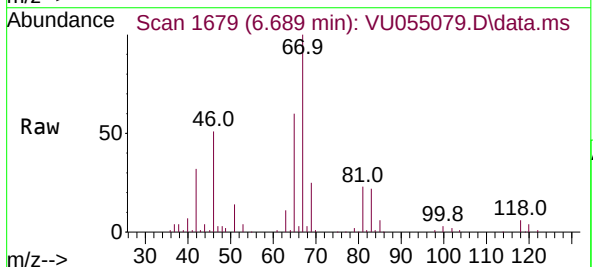
Instrument :
MSVOA_U
ClientSampleId :

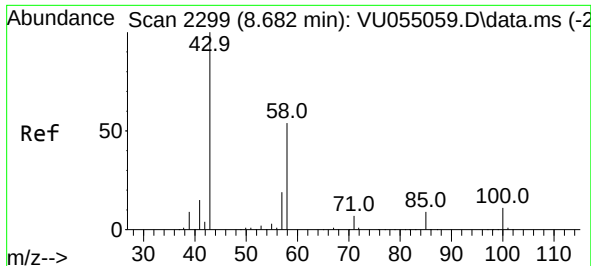
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.4	90.6#
98	1.9	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU055079.D
Acq: 02 Sep 2023 07:08

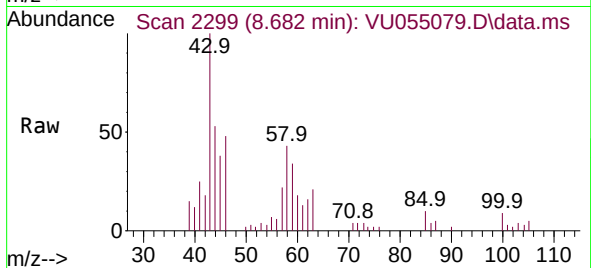
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



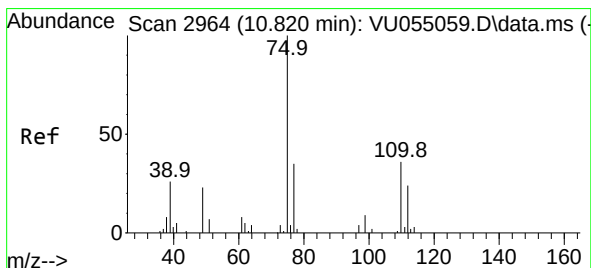
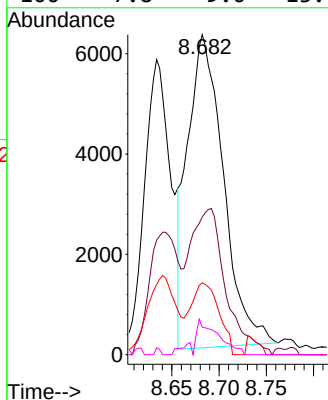
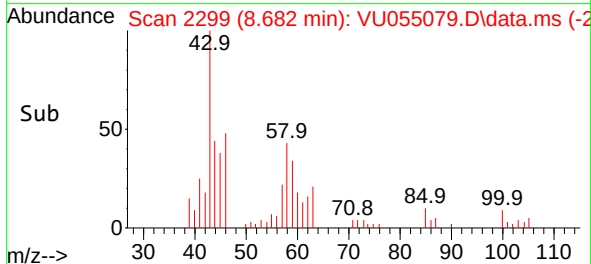


#48
2-Hexanone
Concen: 3.347 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055079.D
Acq: 02 Sep 2023 07:08

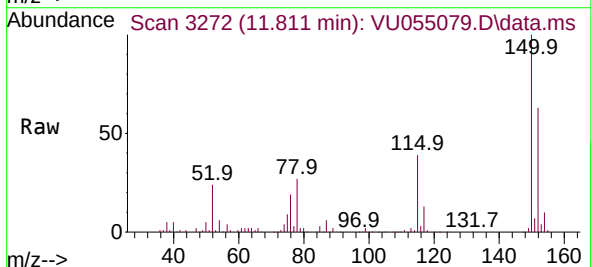
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 16496
Ion Ratio Lower Upper
43 100
58 45.1 44.0 66.0
57 17.9 16.2 24.2
100 7.8 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 2.185 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055079.D
Acq: 02 Sep 2023 07:08



Tgt Ion: 75 Resp: 13949
Ion Ratio Lower Upper
75 100
110 1.5 28.2 42.2#
77 32.2 26.2 39.4

