

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092123\
 Data File : VU055445.D
 Acq On : 21 Sep 2023 14:06
 Operator : MD/SY
 Sample : 04562-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 22 02:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

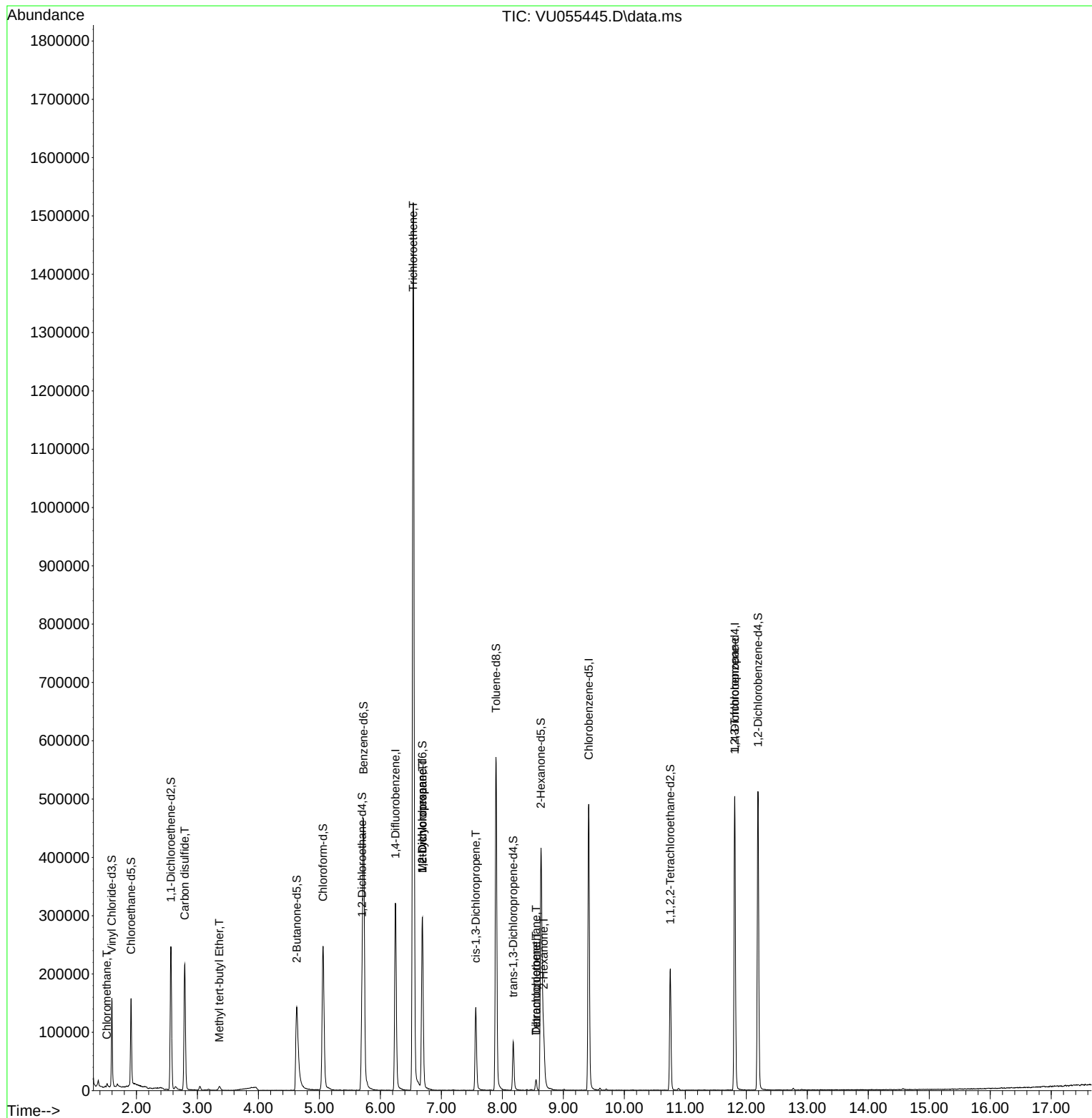
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	268633	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	278611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	134356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	106139	3.909	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.911	69	102614	4.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.564	65	46275	4.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.628	46	249524	50.882	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	5.059	84	232478	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.699	65	120191	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.724	84	455609	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.689	67	142072	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.895	98	391097	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.178	79	49206	4.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.631	63	129929	41.804	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104080	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	138634	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.516	50	3173	0.138	ug/L	96
14) Carbon disulfide	2.792	76	285966	5.065	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	7328	0.180	ug/L	95
34) Trichloroethene	6.538	95	530515	23.388	ug/L	99
35) Methylcyclohexane	6.689	83	33975	1.040	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	15866	0.757	ug/L #	89
39) cis-1,3-Dichloropropene	7.564	75	4043	0.144	ug/L #	64
47) Tetrachloroethene	8.554	164	3766	0.231	ug/L	86
48) 2-Hexanone	8.679	43	42518	5.767	ug/L #	84
49) Dibromochloromethane	8.554	129	3865	0.251	ug/L #	9
61) 1,2,3-Trichloropropane	11.808	75	16377	1.561	ug/L #	68

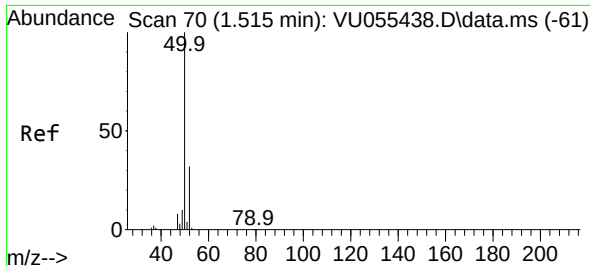
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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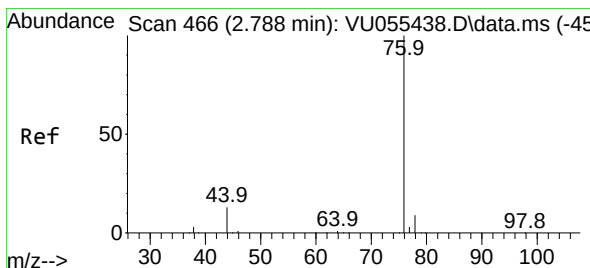
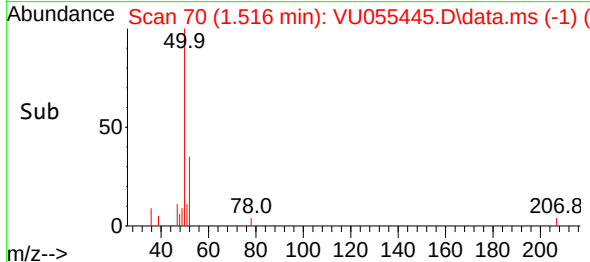
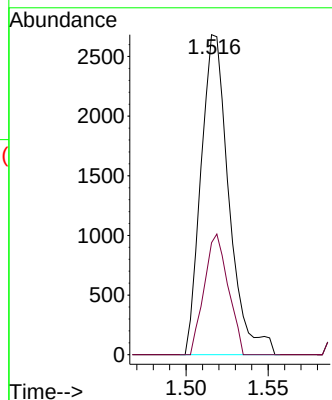
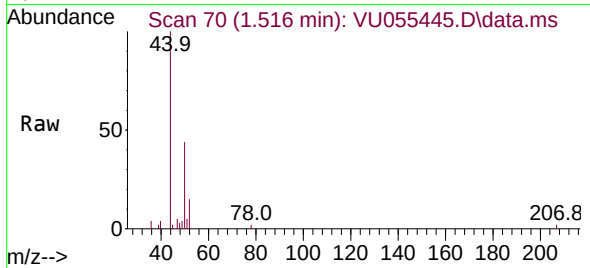




#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.516 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

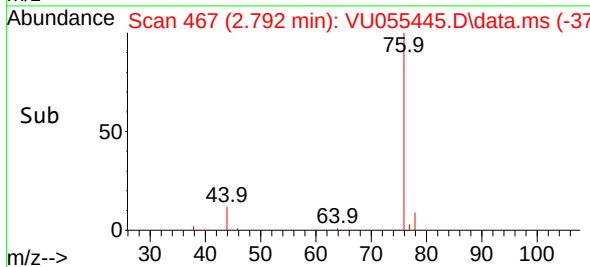
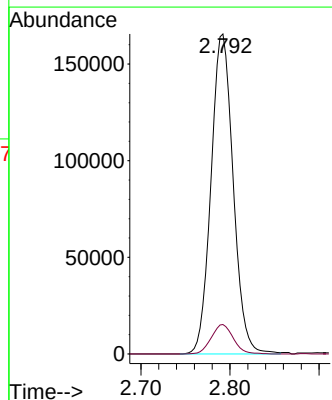
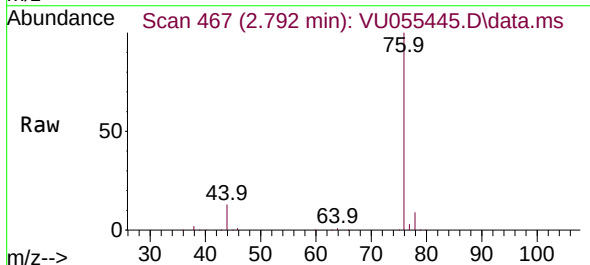
Instrument :
MSVOA_U
ClientSampleId :

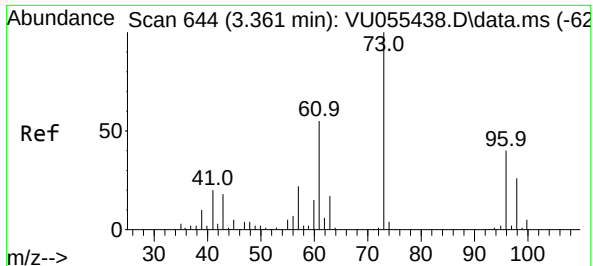
Tgt Ion: 50 Resp: 3173
Ion Ratio Lower Upper
50 100
52 35.0 22.9 42.5



#14
Carbon disulfide
Concen: 5.065 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.004 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

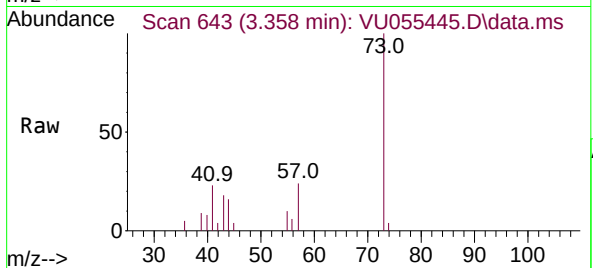
Tgt Ion: 76 Resp: 285966
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



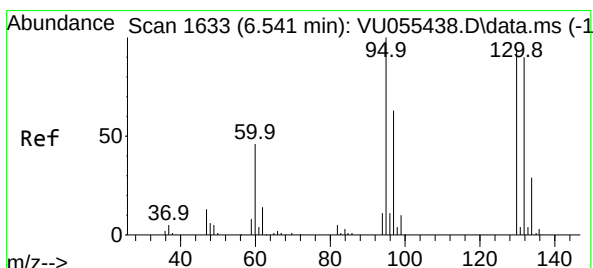
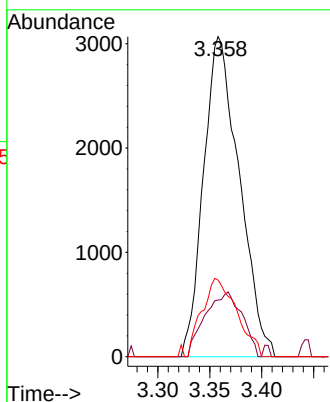
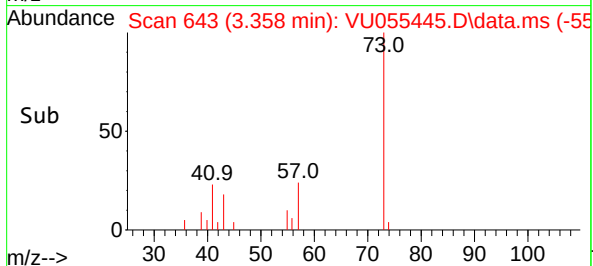


#17
Methyl tert-butyl Ether
Concen: 0.180 ug/L
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :

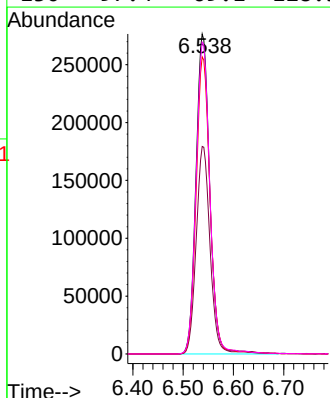
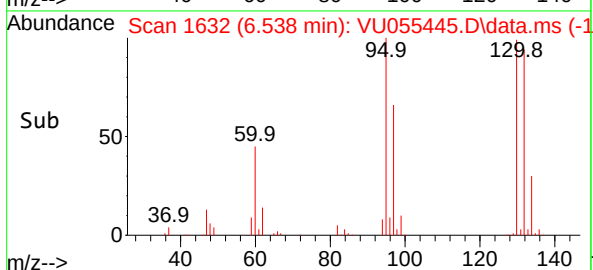
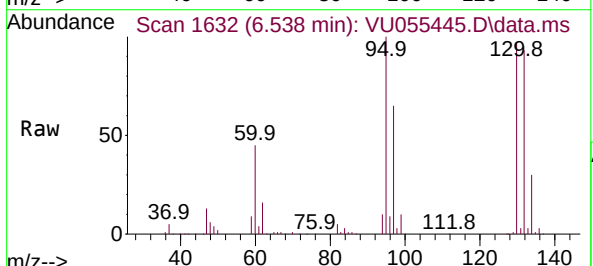


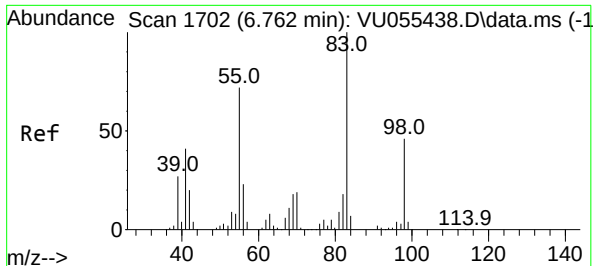
Tgt Ion: 73	Resp: 7328		
Ion Ratio	Lower	Upper	
73 100			
43 20.9	14.9	22.3	
57 23.8	17.3	25.9	



#34
Trichloroethene
Concen: 23.388 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

Tgt Ion: 95	Resp: 530515
Ion Ratio	Lower Upper
95 100	
97 64.8	45.4 84.2
132 92.8	65.2 121.2
130 97.4	69.1 128.3





#35

Methylcyclohexane

Concen: 1.040 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055445.D

Acq: 21 Sep 2023 14:06

Instrument :

MSVOA_U

ClientSampleId :

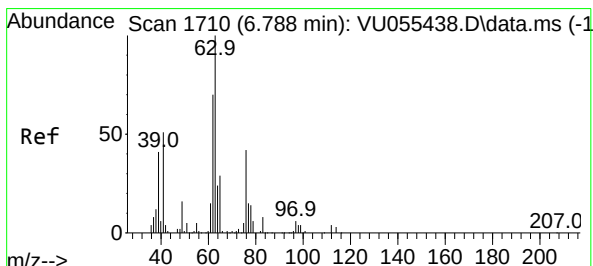
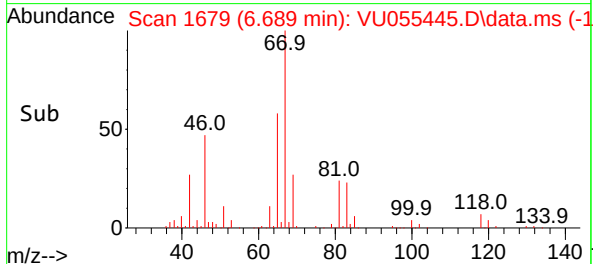
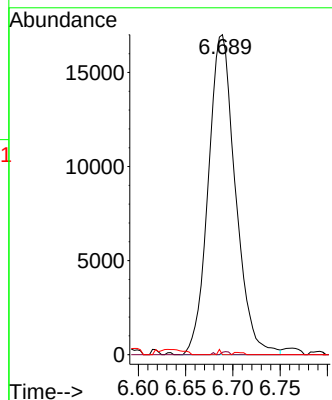
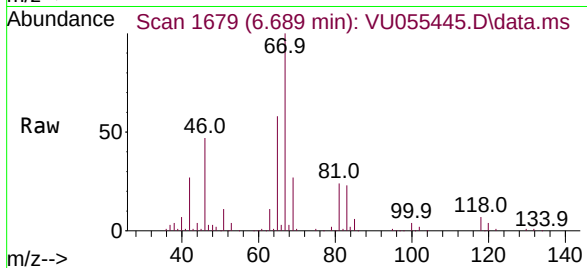
Tgt Ion: 83 Resp: 33975

Ion Ratio Lower Upper

83 100

55 0.2 59.1 88.7#

98 0.0 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.757 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.099 min

Lab File: VU055445.D

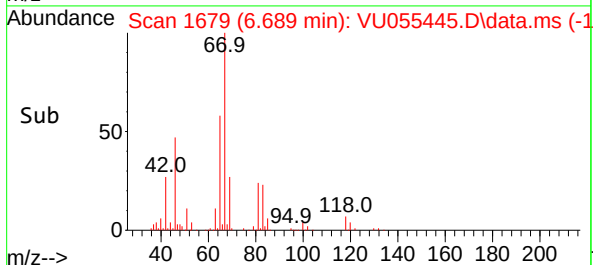
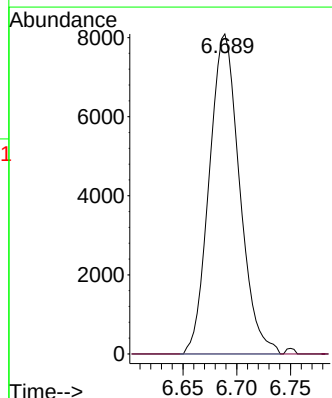
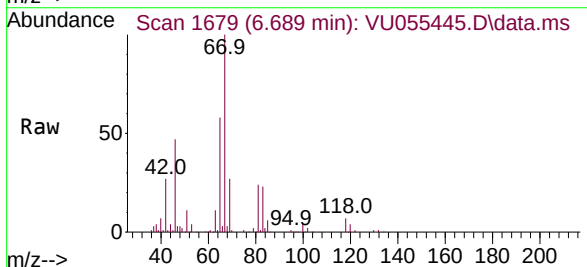
Acq: 21 Sep 2023 14:06

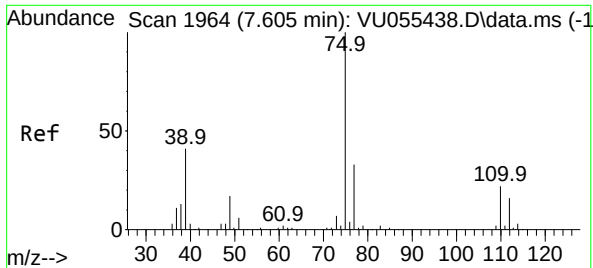
Tgt Ion: 63 Resp: 15866

Ion Ratio Lower Upper

63 100

112 0.1 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.144 ug/L

RT: 7.564 min Scan# 1964

Delta R.T. -0.041 min

Lab File: VU055445.D

Acq: 21 Sep 2023 14:06

Instrument :

MSVOA_U

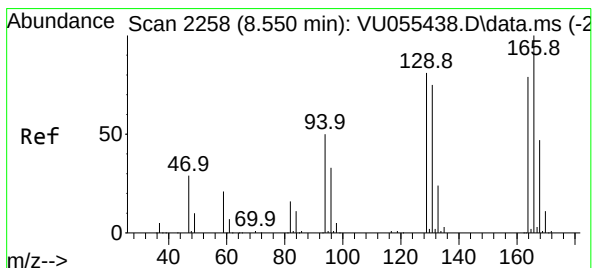
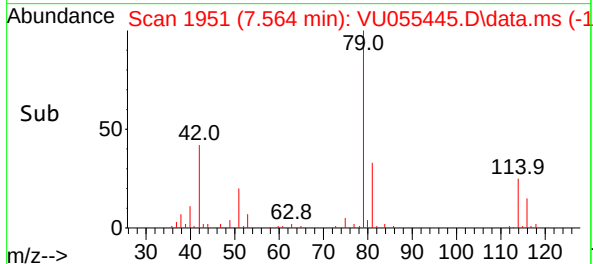
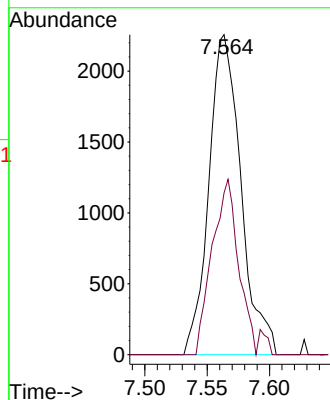
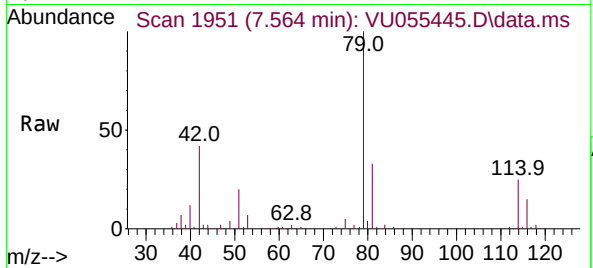
ClientSampleId :

Tgt Ion: 75 Resp: 4043

Ion Ratio Lower Upper

75 100

77 50.6 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.231 ug/L

RT: 8.554 min Scan# 2259

Delta R.T. 0.004 min

Lab File: VU055445.D

Acq: 21 Sep 2023 14:06

Tgt Ion:164 Resp: 3766

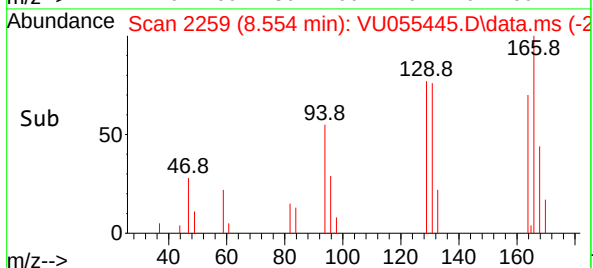
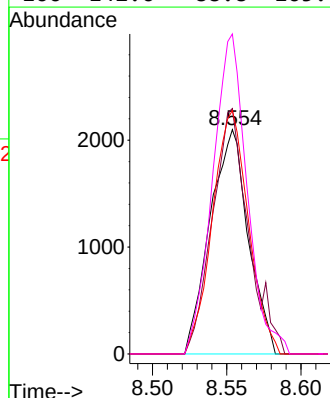
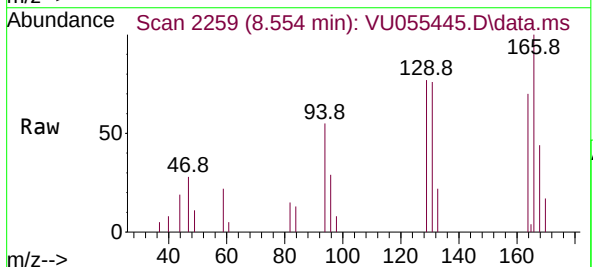
Ion Ratio Lower Upper

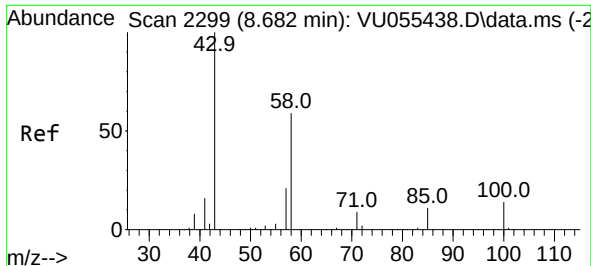
164 100

129 109.4 67.4 125.2

131 108.5 66.4 123.2

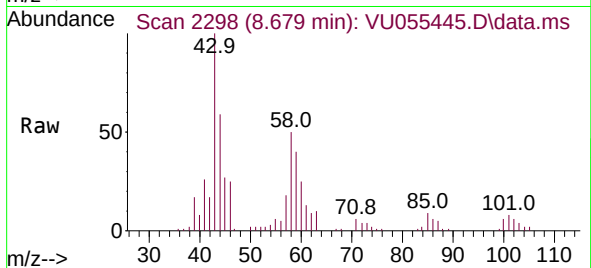
166 142.6 88.8 165.0



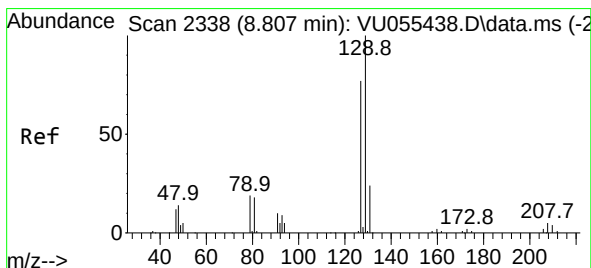
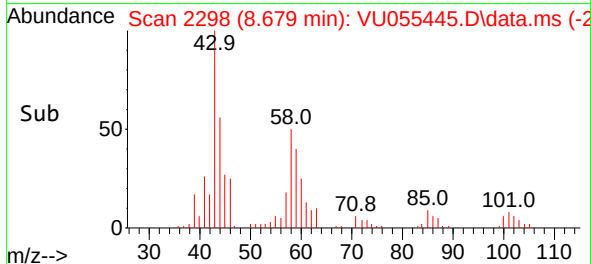
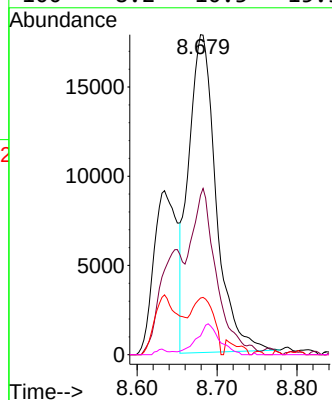


#48
2-Hexanone
Concen: 5.767 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

Instrument :
MSVOA_U
ClientSampleId :

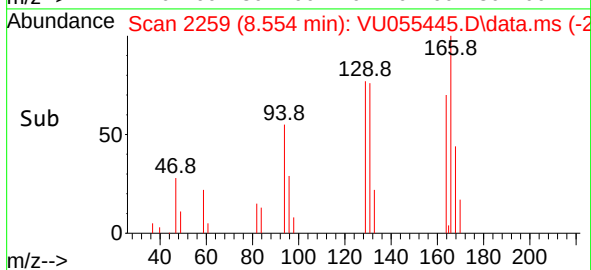
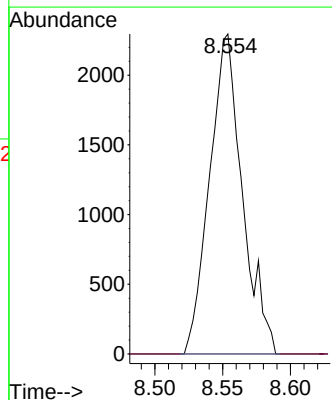
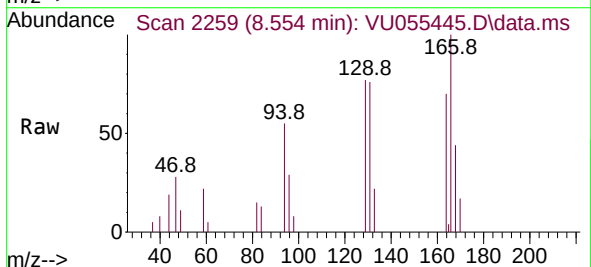


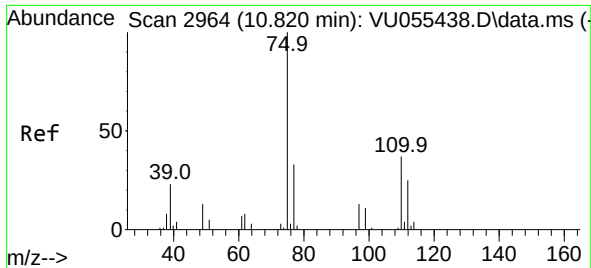
Tgt Ion: 43 Resp: 42518
Ion Ratio Lower Upper
43 100
58 48.0 48.5 72.7#
57 14.1 17.0 25.4#
100 8.2 10.3 15.5#



#49
Dibromochloromethane
Concen: 0.251 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

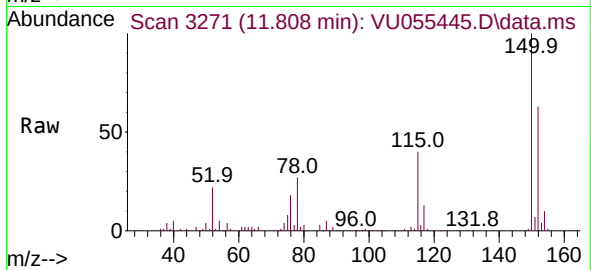
Tgt Ion:129 Resp: 3865
Ion Ratio Lower Upper
129 100
127 0.0 56.8 105.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.561 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.988 min
 Lab File: VU055445.D
 Acq: 21 Sep 2023 14:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16377
 Ion Ratio Lower Upper
 75 100
 110 2.3 30.6 45.8#
 77 34.0 26.7 40.1

