

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055578.D
 Acq On : 28 Sep 2023 15:13
 Operator : MD/SY
 Sample : 04579-12DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 29 02:13:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

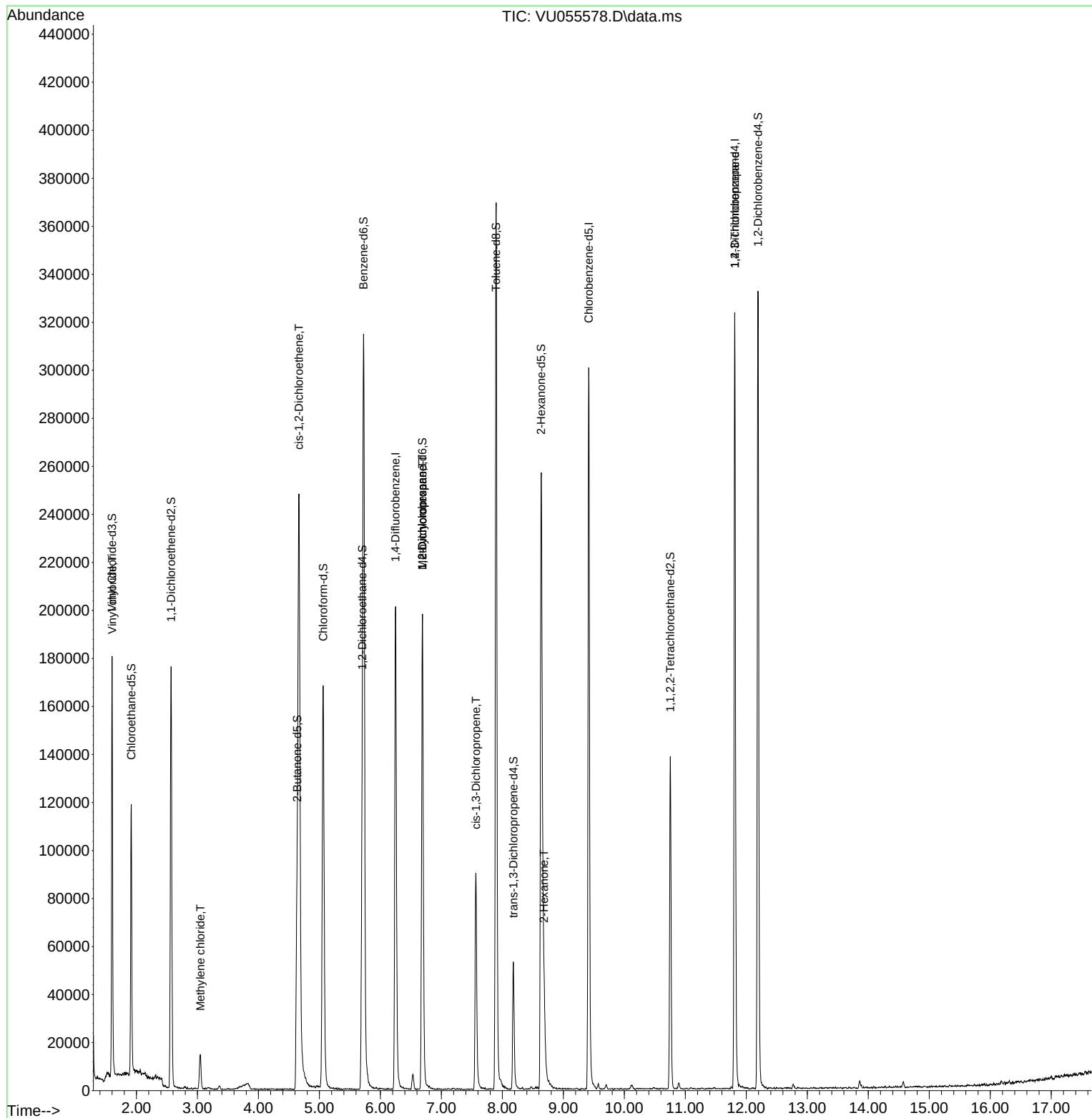
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	168986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	176006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	87003	5.094	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.914	69	79851	5.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.567	65	33462	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.634	46	153680	49.817	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.640%
24) Chloroform-d	5.062	84	159475	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.702	65	78108	5.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.724	84	308263	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.689	67	95199	5.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.898	98	257257	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.181	79	31460	4.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.634	63	85904	43.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69297	5.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	88696	5.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	42019	2.691	ug/L	98
16) Methylene chloride	3.049	84	7350	0.519	ug/L	88
22) cis-1,2-Dichloroethene	4.663	96	115799	8.387	ug/L	98
35) Methylcyclohexane	6.689	83	23319	1.130	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	10863	0.820	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	2512	0.142	ug/L #	66
48) 2-Hexanone	8.682	43	17143	3.681	ug/L	91
61) 1,2,3-Trichloropropane	11.811	75	11423	1.699	ug/L #	67

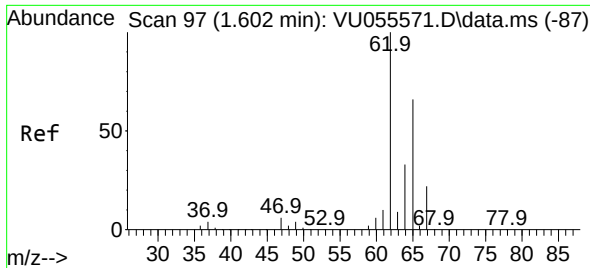
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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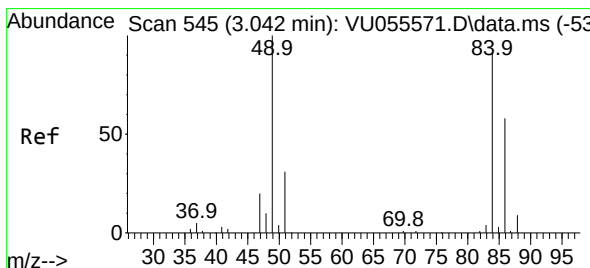
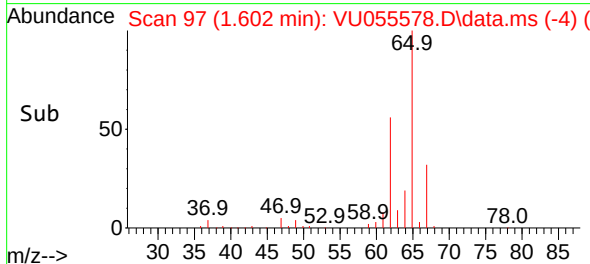
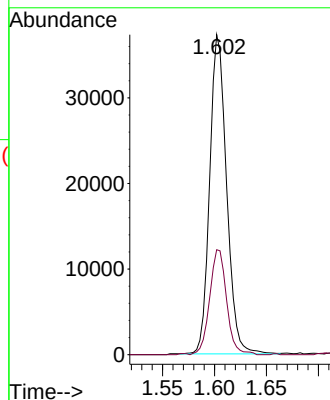
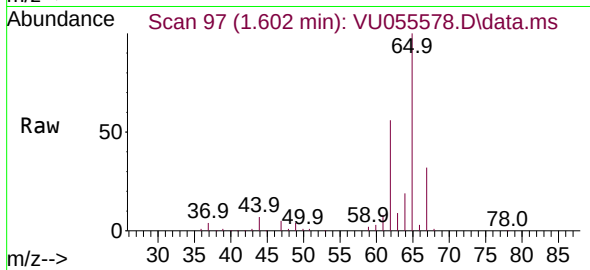




#5
 Vinyl chloride
 Concen: 2.691 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055578.D
 Acq: 28 Sep 2023 15:13

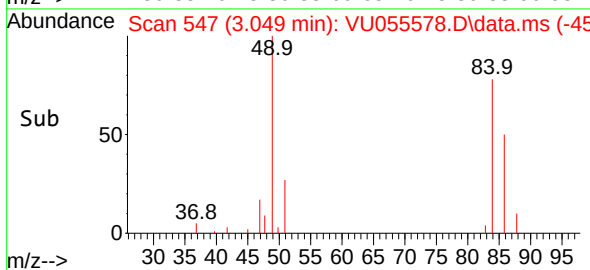
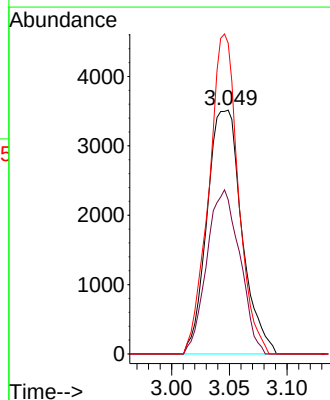
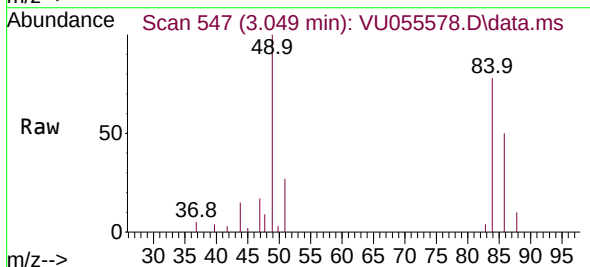
Instrument :
 MSVOA_U
 ClientSampleId :

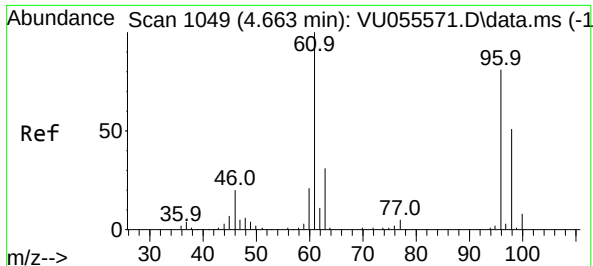
Tgt Ion: 62 Resp: 42019
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.3 41.5



#16
 Methylene chloride
 Concen: 0.519 ug/L
 RT: 3.049 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: VU055578.D
 Acq: 28 Sep 2023 15:13

Tgt Ion: 84 Resp: 7350
 Ion Ratio Lower Upper
 84 100
 86 63.2 44.9 83.3
 49 131.6 78.8 146.3





#22

cis-1,2-Dichloroethene

Concen: 8.387 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055578.D

Acq: 28 Sep 2023 15:13

Instrument :

MSVOA_U

ClientSampleId :

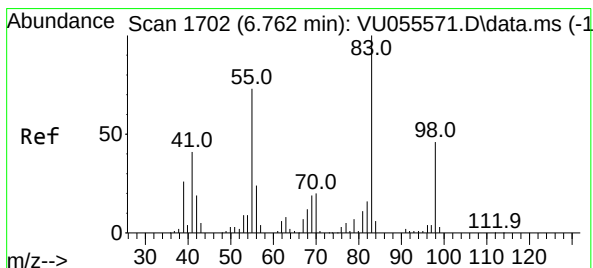
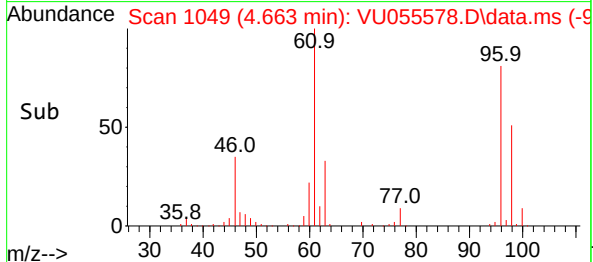
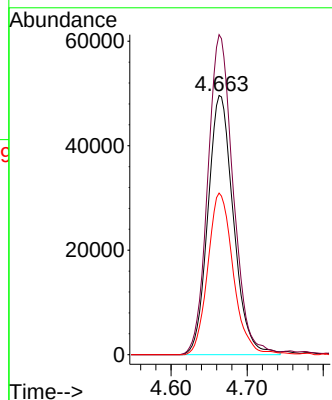
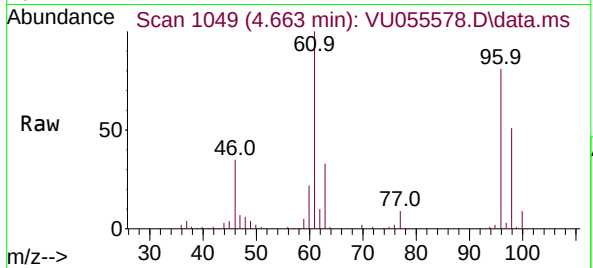
Tgt Ion: 96 Resp: 115799

Ion Ratio Lower Upper

96 100

61 123.4 87.8 163.2

98 62.3 44.4 82.4



#35

Methylcyclohexane

Concen: 1.130 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055578.D

Acq: 28 Sep 2023 15:13

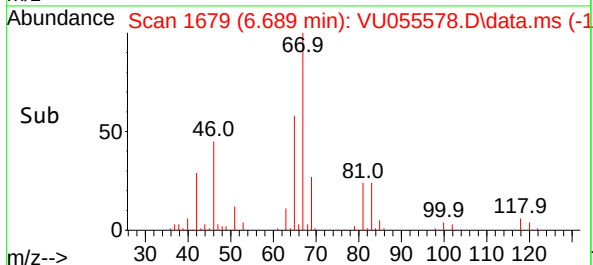
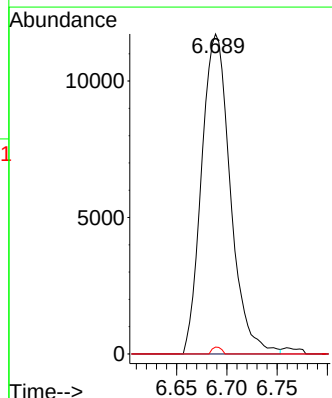
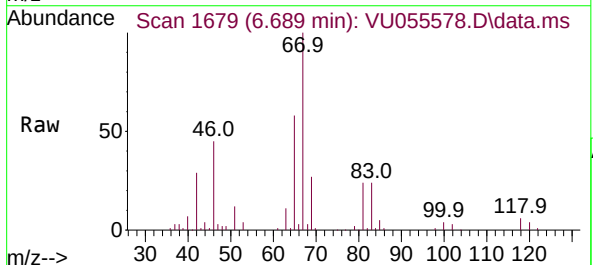
Tgt Ion: 83 Resp: 23319

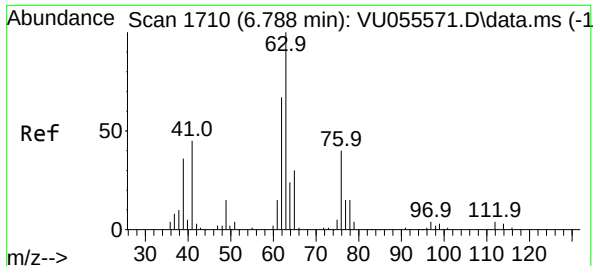
Ion Ratio Lower Upper

83 100

55 0.0 59.1 88.7#

98 0.7 36.3 54.5#

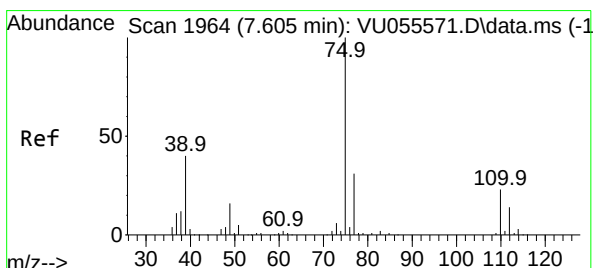
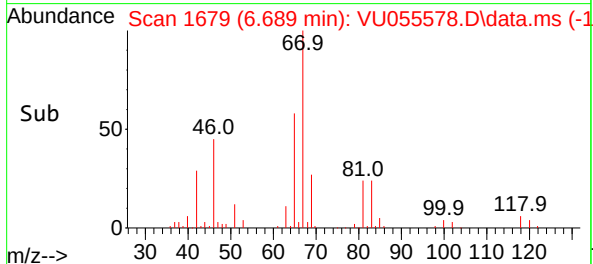
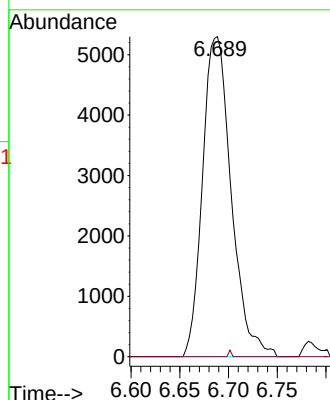
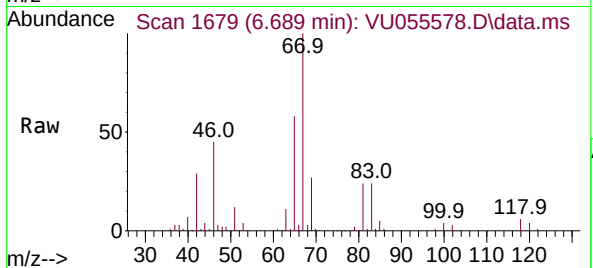




#37
1,2-Dichloropropane
Concen: 0.820 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU055578.D
Acq: 28 Sep 2023 15:13

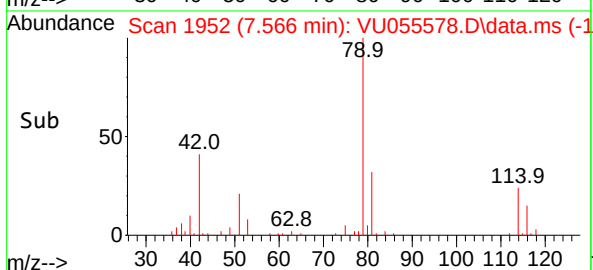
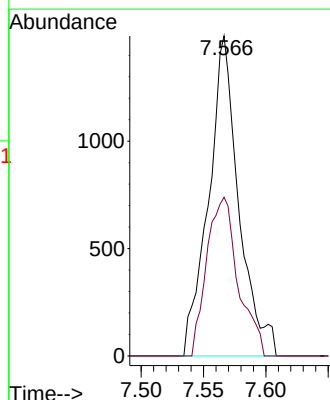
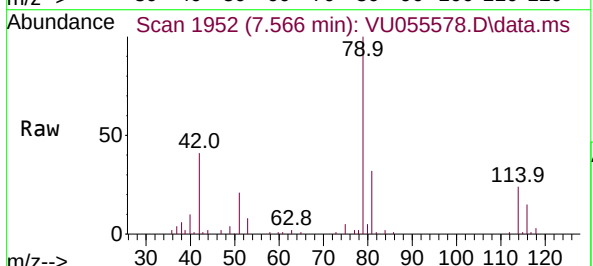
Instrument :
MSVOA_U
ClientSampleId :

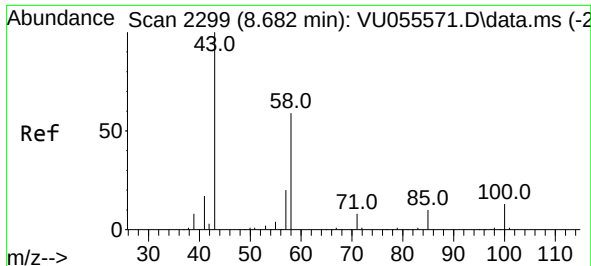
Tgt Ion: 63 Resp: 10863
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.039 min
Lab File: VU055578.D
Acq: 28 Sep 2023 15:13

Tgt Ion: 75 Resp: 2512
Ion Ratio Lower Upper
75 100
77 49.6 21.6 40.2#

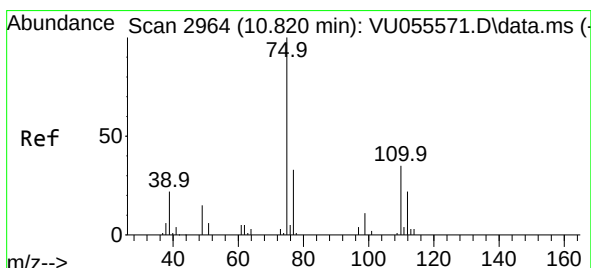
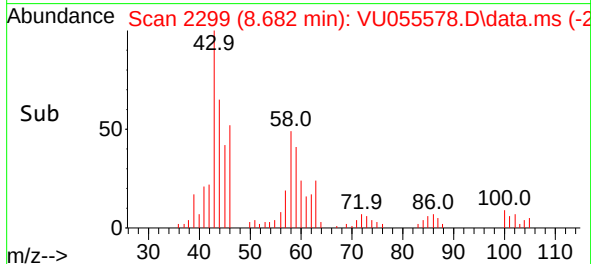
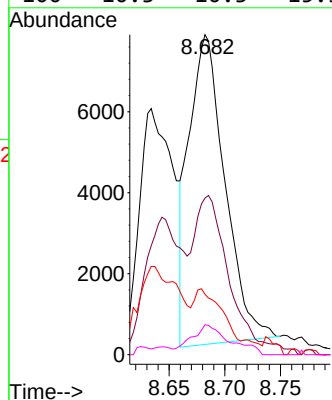
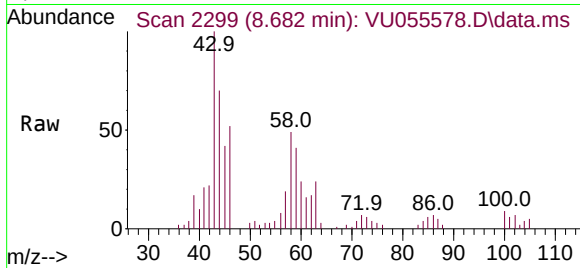




#48
2-Hexanone
Concen: 3.681 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055578.D
Acq: 28 Sep 2023 15:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	17143
Ion	Ratio	Lower	Upper
43	100		
58	51.5	48.5	72.7
57	19.3	17.0	25.4
100	10.3	10.3	15.5



#61
1,2,3-Trichloropropane
Concen: 1.699 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055578.D
Acq: 28 Sep 2023 15:13

Tgt Ion:	75	Resp:	11423
Ion	Ratio	Lower	Upper
75	100		
110	2.2	30.6	45.8#
77	31.6	26.7	40.1

