

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055492.D
 Acq On : 25 Sep 2023 13:57
 Operator : MD/SY
 Sample : 04579-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:22:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

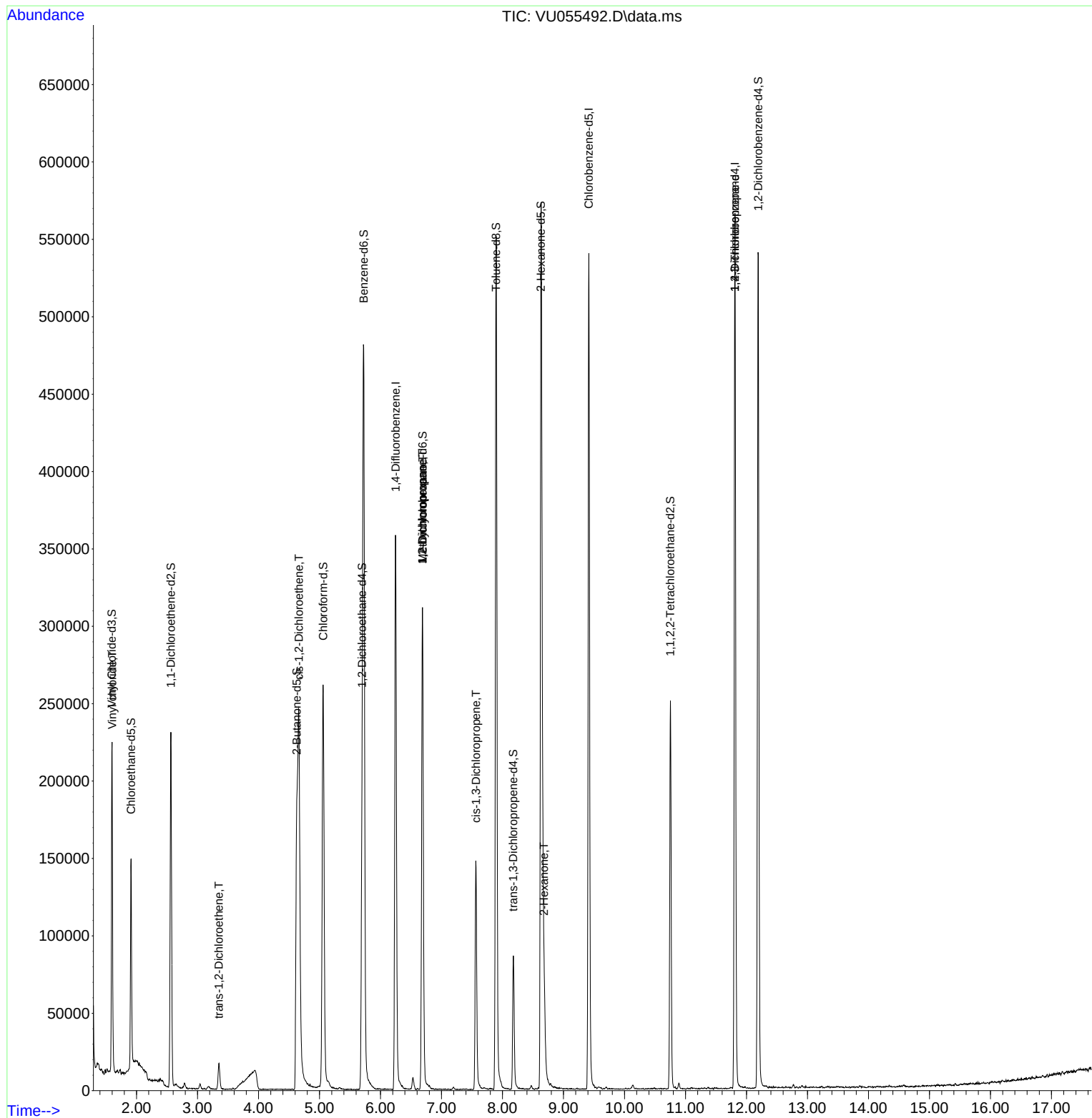
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	302550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	309836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	156306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95958	3.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.911	69	95200	3.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.563	65	44888	3.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.627	46	324400	58.734	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.460%
24) Chloroform-d	5.058	84	256495	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	130869	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.724	84	472993	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.688	67	155509	4.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	391336	3.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.177	79	54462	4.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.631	63	188161	54.438	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	127088	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	149560	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	71636	2.562	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	7537	0.353	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	95742	3.873	ug/L	97
35) Methylcyclohexane	6.688	83	38234	1.052	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	17329	0.743	ug/L #	90
39) cis-1,3-Dichloropropene	7.566	75	3918	0.126	ug/L #	52
48) 2-Hexanone	8.682	43	34785	4.243	ug/L #	90
61) 1,2,3-Trichloropropane	11.810	75	17732	1.453	ug/L #	67

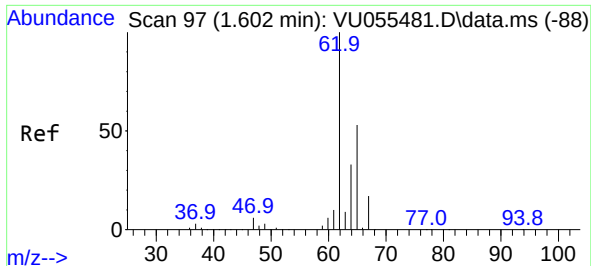
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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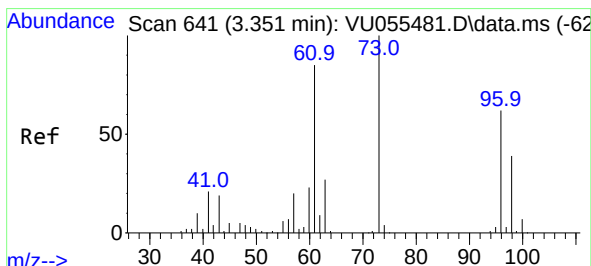
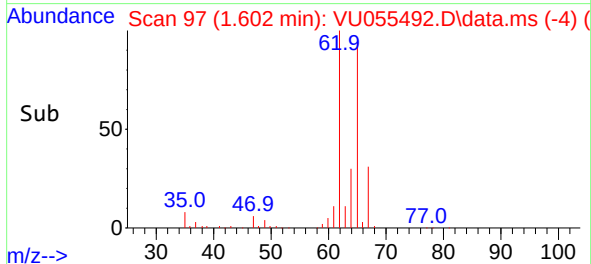
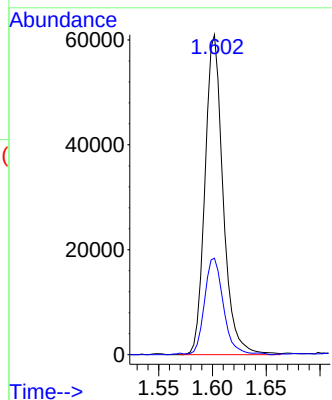
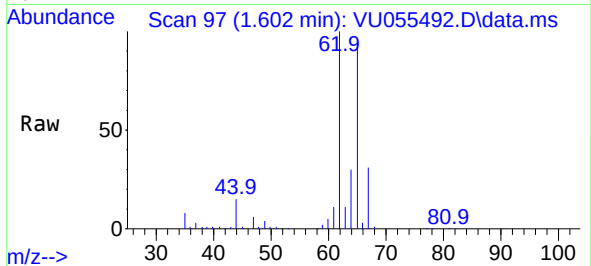




#5
 Vinyl chloride
 Concen: 2.562 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055492.D
 Acq: 25 Sep 2023 13:57

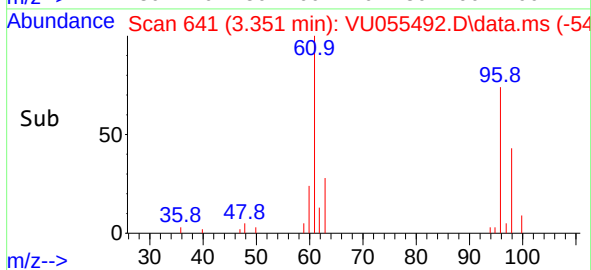
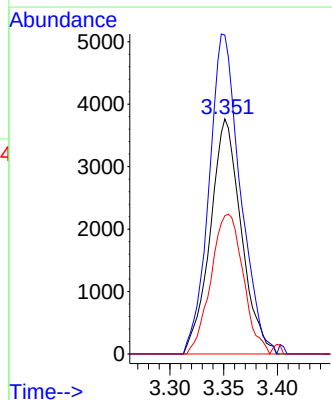
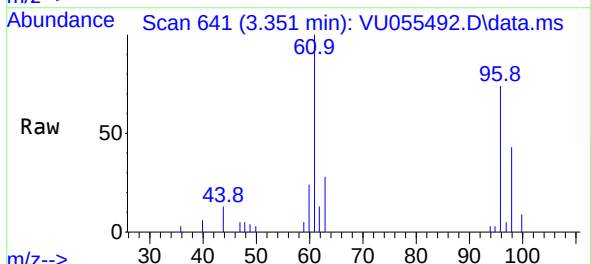
Instrument :
 MSVOA_U
 ClientSampleId :

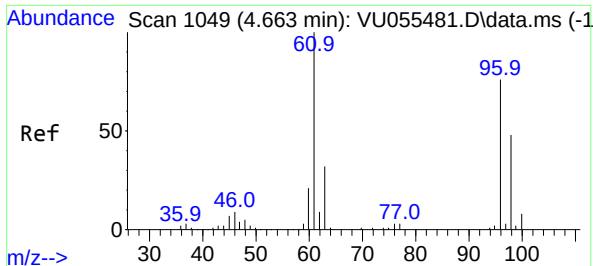
Tgt Ion: 62 Resp: 71636
 Ion Ratio Lower Upper
 62 100
 64 30.2 22.3 41.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.353 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU055492.D
 Acq: 25 Sep 2023 13:57

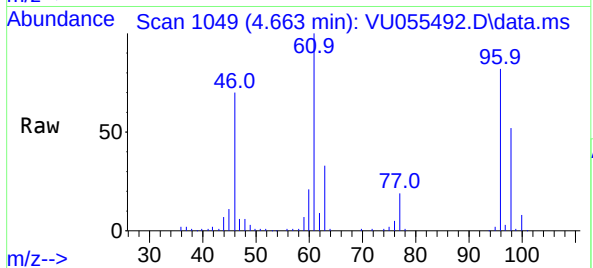
Tgt Ion: 96 Resp: 7537
 Ion Ratio Lower Upper
 96 100
 61 135.7 94.6 175.6
 98 58.8 45.7 84.9



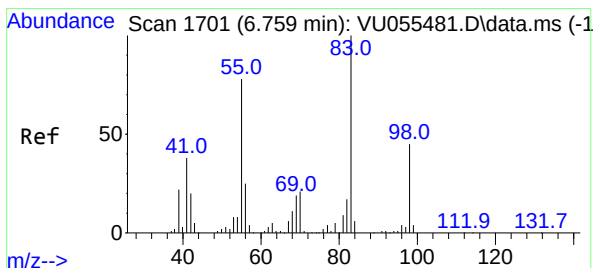
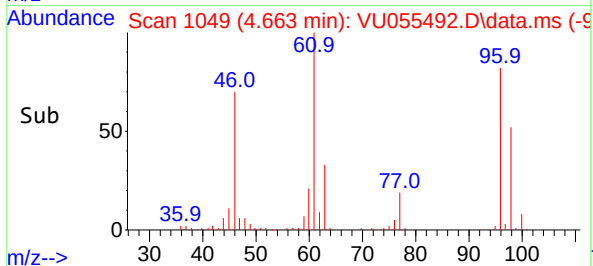
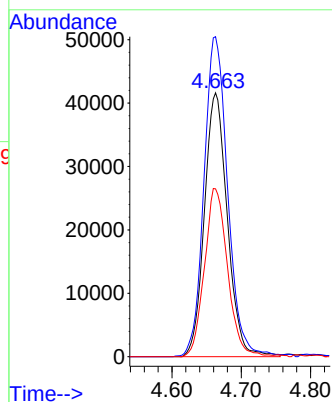


#22
cis-1,2-Dichloroethene
Concen: 3.873 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055492.D
Acq: 25 Sep 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :

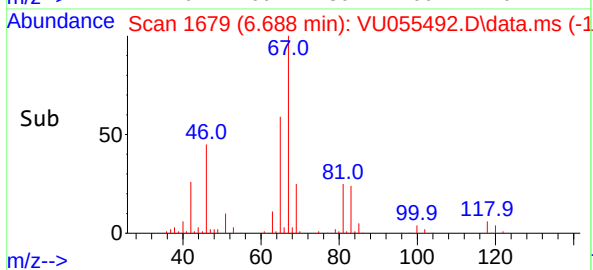
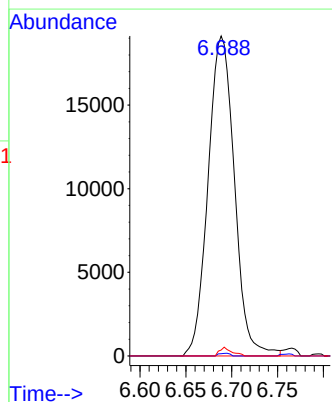
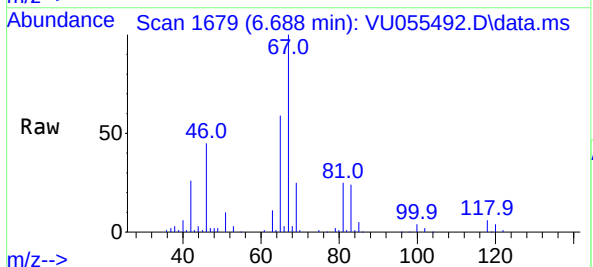


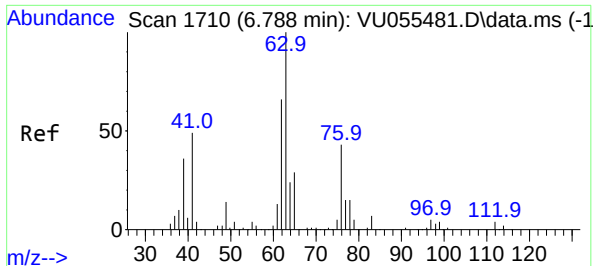
Tgt Ion: 96 Resp: 95742
Ion Ratio Lower Upper
96 100
61 121.3 87.8 163.2
98 63.6 44.4 82.4



#35
Methylcyclohexane
Concen: 1.052 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055492.D
Acq: 25 Sep 2023 13:57

Tgt Ion: 83 Resp: 38234
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 1.2 36.3 54.5#

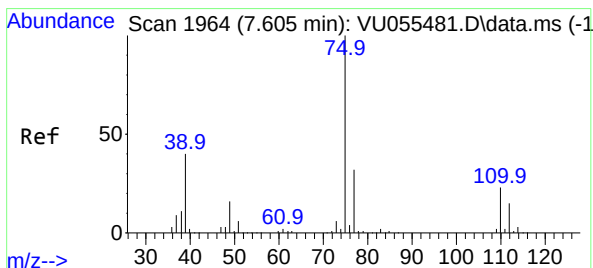
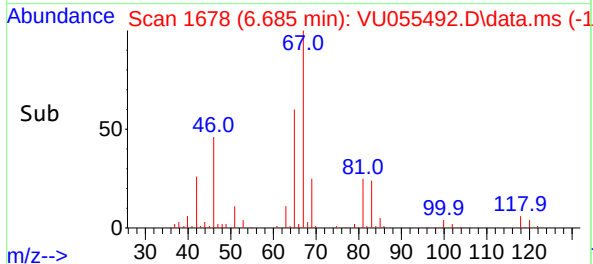
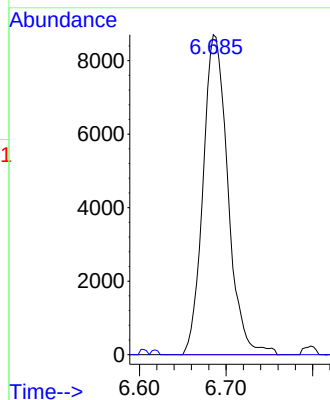
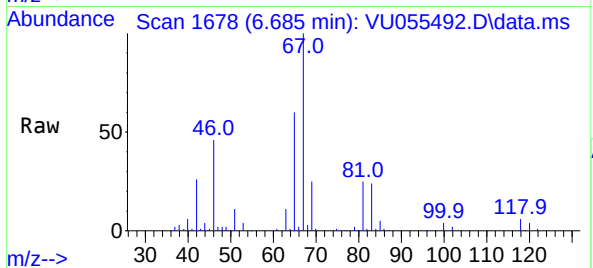




#37
1,2-Dichloropropane
Concen: 0.743 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055492.D
Acq: 25 Sep 2023 13:57

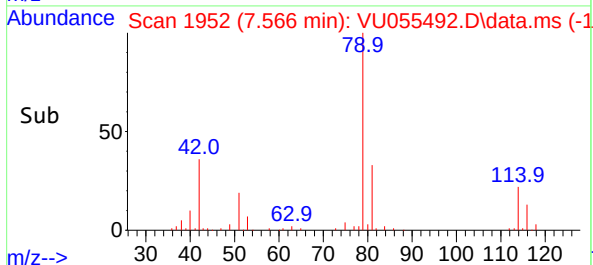
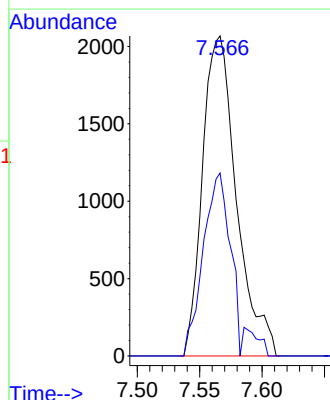
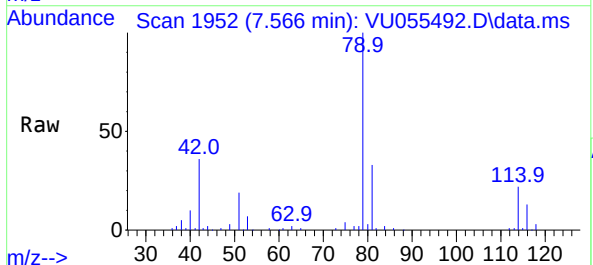
Instrument :
MSVOA_U
ClientSampleId :

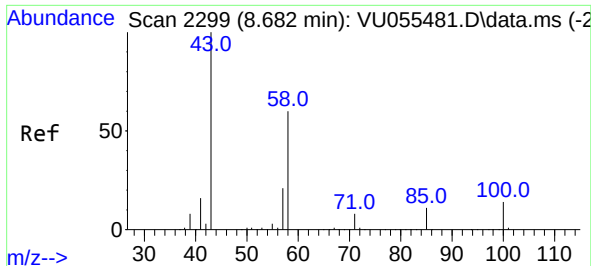
Tgt Ion: 63 Resp: 17329
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.039 min
Lab File: VU055492.D
Acq: 25 Sep 2023 13:57

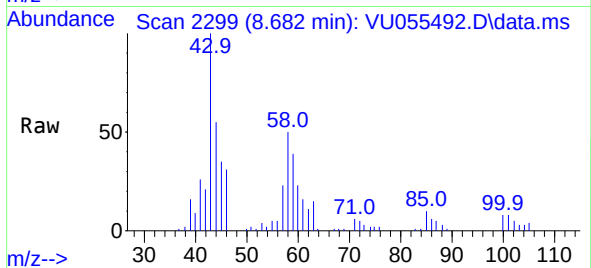
Tgt Ion: 75 Resp: 3918
Ion Ratio Lower Upper
75 100
77 57.2 21.6 40.2#



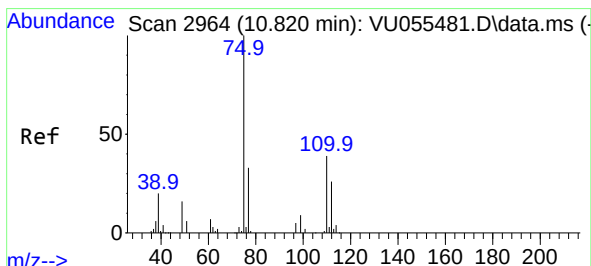
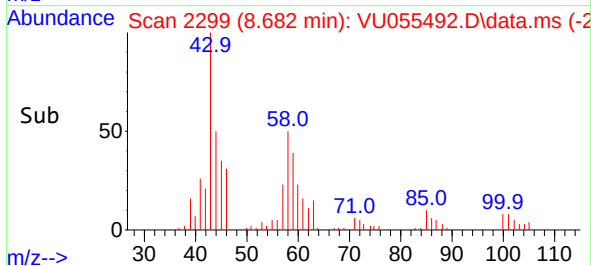
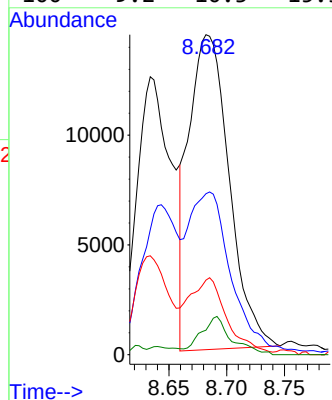


#48
2-Hexanone
Concen: 4.243 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055492.D
Acq: 25 Sep 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 34785
Ion Ratio Lower Upper
43 100
58 51.6 48.5 72.7
57 23.1 17.0 25.4
100 9.2 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.453 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055492.D
Acq: 25 Sep 2023 13:57

Tgt Ion: 75 Resp: 17732
Ion Ratio Lower Upper
75 100
110 2.0 30.6 45.8#
77 32.2 26.7 40.1

