

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057207.D
 Acq On : 22 Dec 2023 22:12
 Operator : MD/SY
 Sample : 05927-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 22:53:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

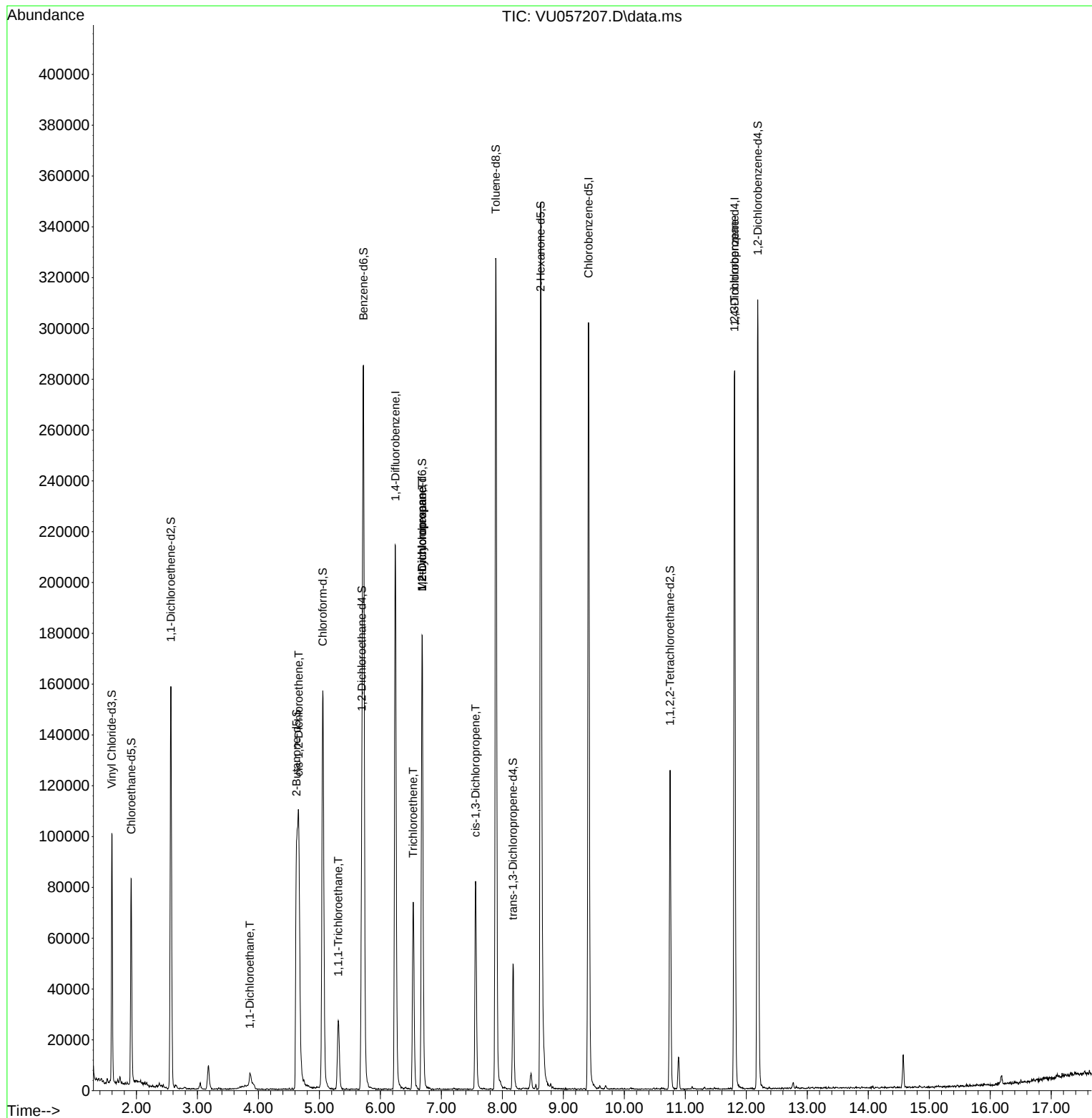
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69751	4.195	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.914	69	62863	4.593	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.563	65	29329	4.071	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.400%	
20) 2-Butanone-d5	4.624	46	148668	56.951	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.900%	
24) Chloroform-d	5.055	84	151859	4.730	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.695	65	75454	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.721	84	274433	4.567	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.682	67	84375	4.934	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.891	98	226035	4.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.174	79	31539	4.431	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.627	63	120473	49.711	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.420%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62130	5.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	82616	5.116	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.859	63	5332	0.212	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	43611	3.123	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	19589	0.704	ug/L	94
34) Trichloroethene	6.538	95	27012	1.663	ug/L	97
35) Methylcyclohexane	6.682	83	21080	0.986	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9727	0.704	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2288	0.110	ug/L #	48
61) 1,2,3-Trichloropropane	11.804	75	9556	1.367	ug/L #	67

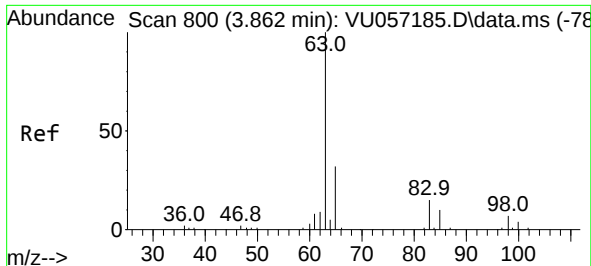
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 22 22:46:58 2023
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.212 ug/L

RT: 3.859 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU057207.D

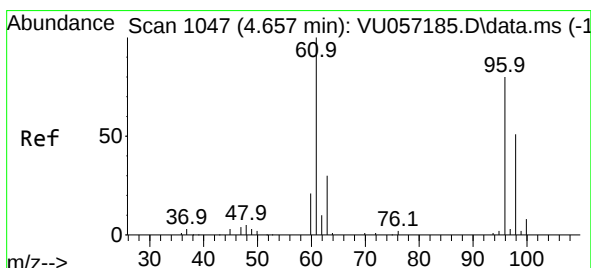
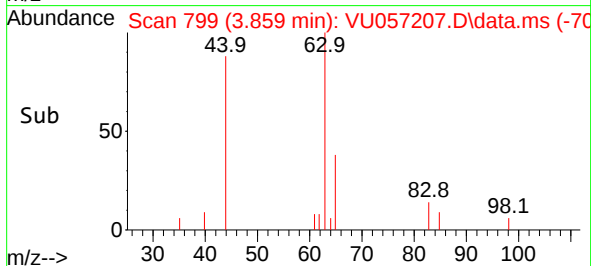
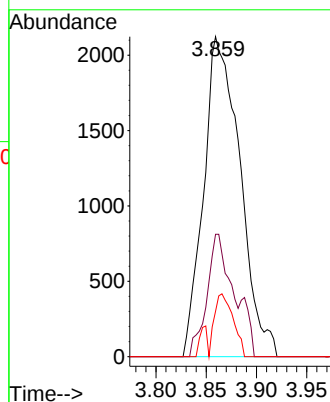
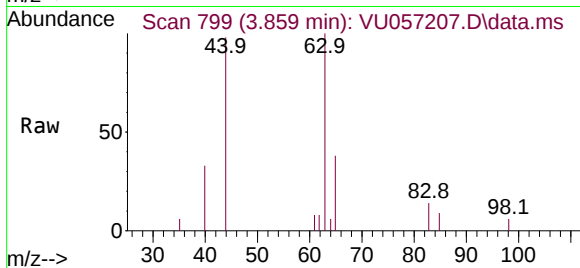
Acq: 22 Dec 2023 22:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	5332
Ion	Ratio	Lower	Upper
63	100		
65	38.2	21.6	40.2
83	14.2	10.2	19.0



#22

cis-1,2-Dichloroethene

Concen: 3.123 ug/L

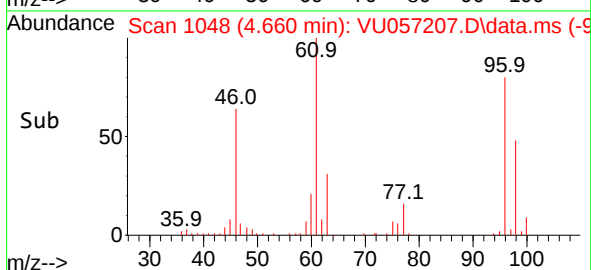
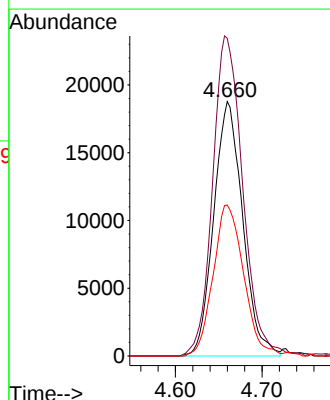
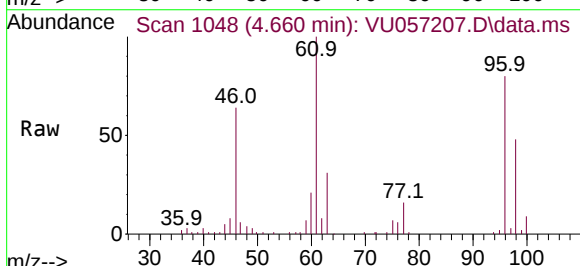
RT: 4.660 min Scan# 1048

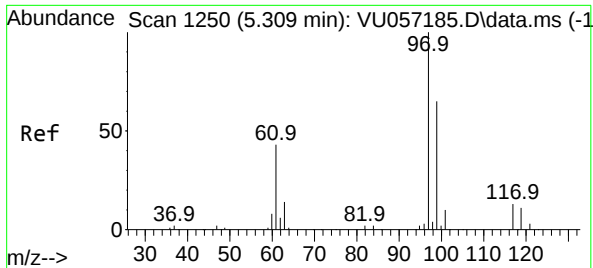
Delta R.T. 0.003 min

Lab File: VU057207.D

Acq: 22 Dec 2023 22:12

Tgt Ion:	96	Resp:	43611
Ion	Ratio	Lower	Upper
96	100		
61	124.9	86.8	161.2
98	59.4	45.5	84.5

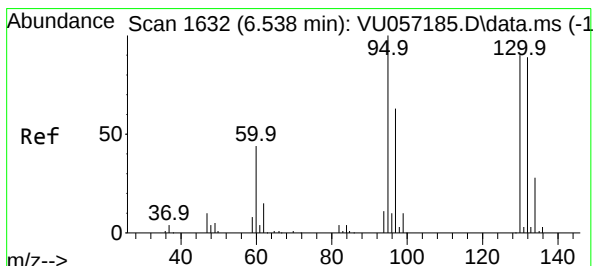
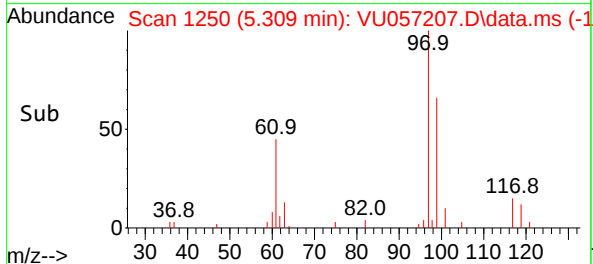
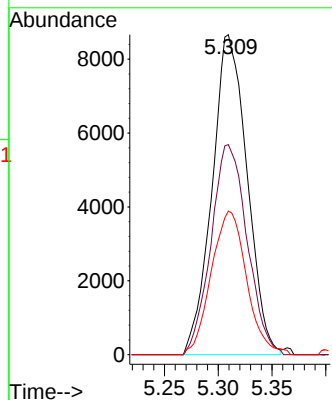
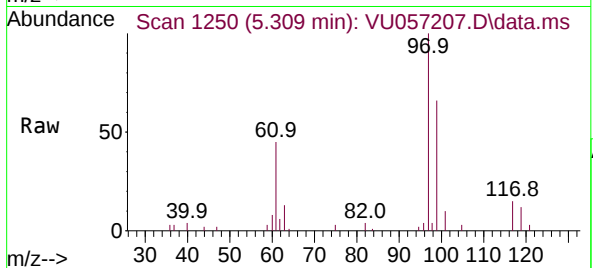




#29
1,1,1-Trichloroethane
Concen: 0.704 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057207.D
Acq: 22 Dec 2023 22:12

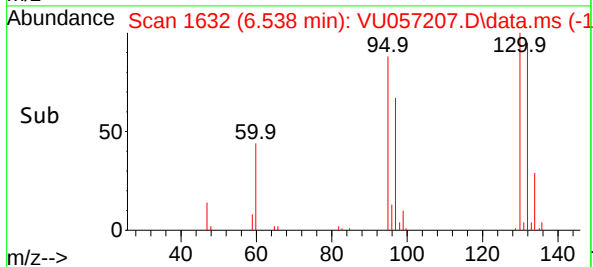
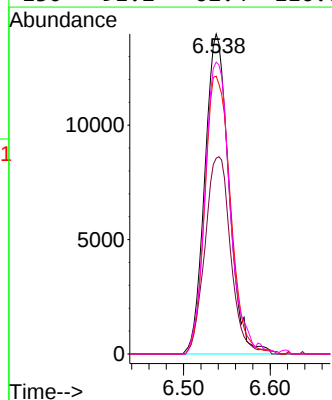
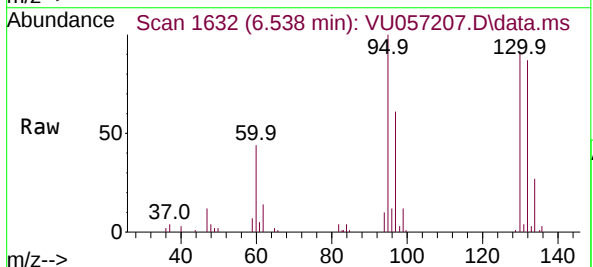
Instrument :
MSVOA_U
ClientSampleId :

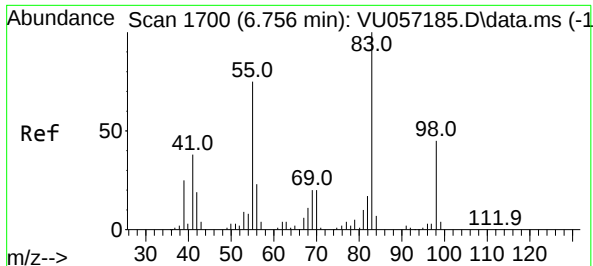
Tgt Ion:	97	Resp:	19589
Ion	Ratio	Lower	Upper
97	100		
99	67.8	51.2	76.8
61	45.4	32.5	48.7



#34
Trichloroethene
Concen: 1.663 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057207.D
Acq: 22 Dec 2023 22:12

Tgt Ion:	95	Resp:	27012
Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.3	82.3
132	86.8	62.6	116.2
130	91.2	62.4	116.0

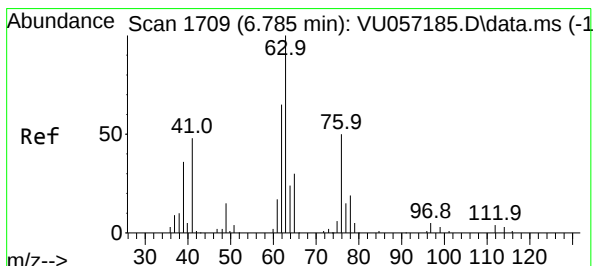
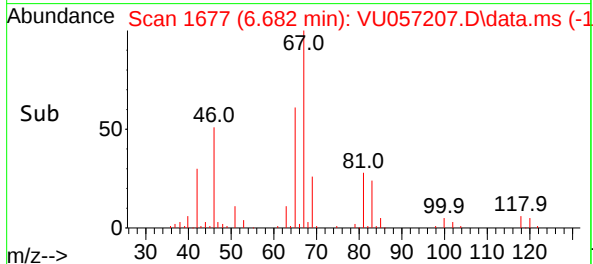
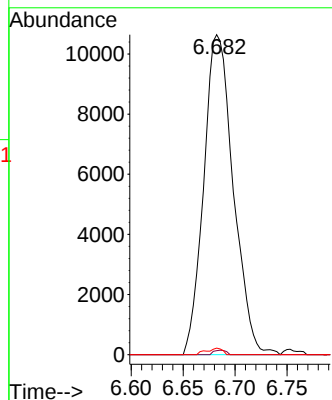
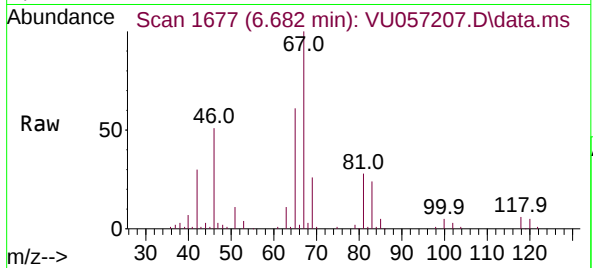




#35
Methylcyclohexane
Concen: 0.986 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057207.D
Acq: 22 Dec 2023 22:12

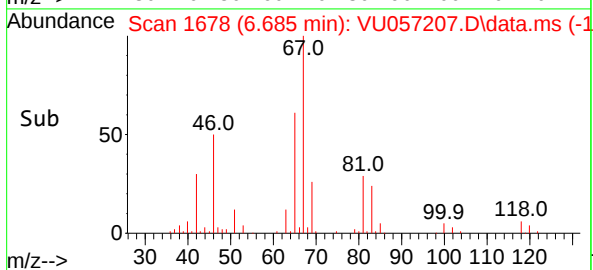
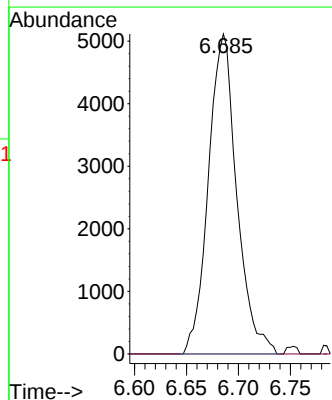
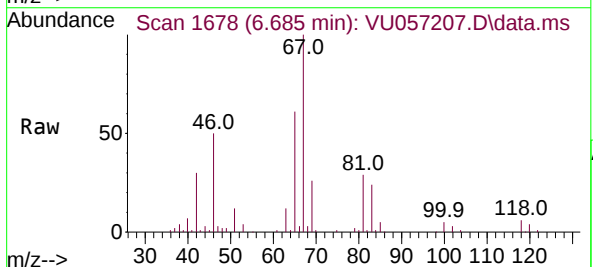
Instrument :
MSVOA_U
ClientSampleId :

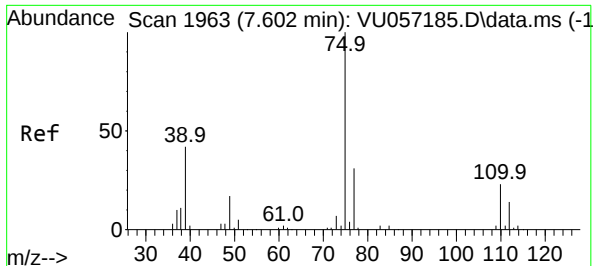
Tgt Ion: 83 Resp: 21080
Ion Ratio Lower Upper
83 100
55 0.6 61.3 91.9#
98 1.1 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.704 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057207.D
Acq: 22 Dec 2023 22:12

Tgt Ion: 63 Resp: 9727
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057207.D

Acq: 22 Dec 2023 22:12

Instrument :

MSVOA_U

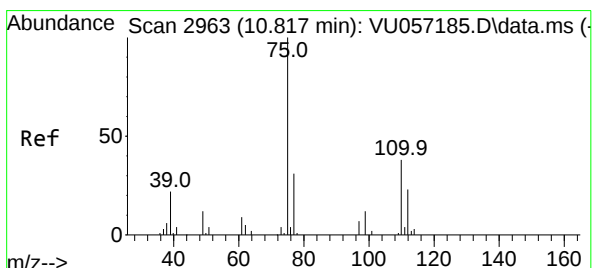
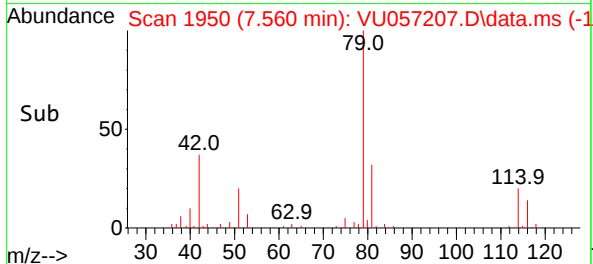
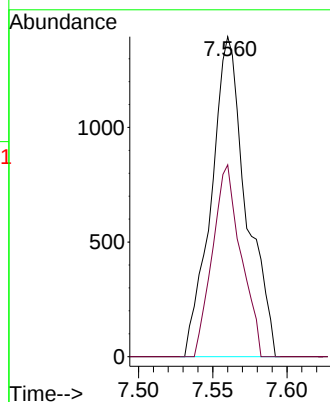
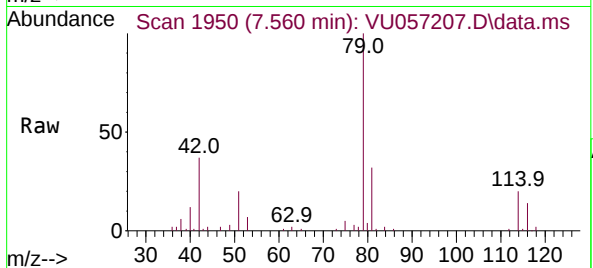
ClientSampleId :

Tgt Ion: 75 Resp: 2288

Ion Ratio Lower Upper

75 100

77 60.0 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.367 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057207.D

Acq: 22 Dec 2023 22:12

Tgt Ion: 75 Resp: 9556

Ion Ratio Lower Upper

75 100

110 3.1 31.2 46.8#

77 31.6 25.5 38.3

