

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057205.D
 Acq On : 22 Dec 2023 21:23
 Operator : MD/SY
 Sample : 05927-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 22:52:50 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)

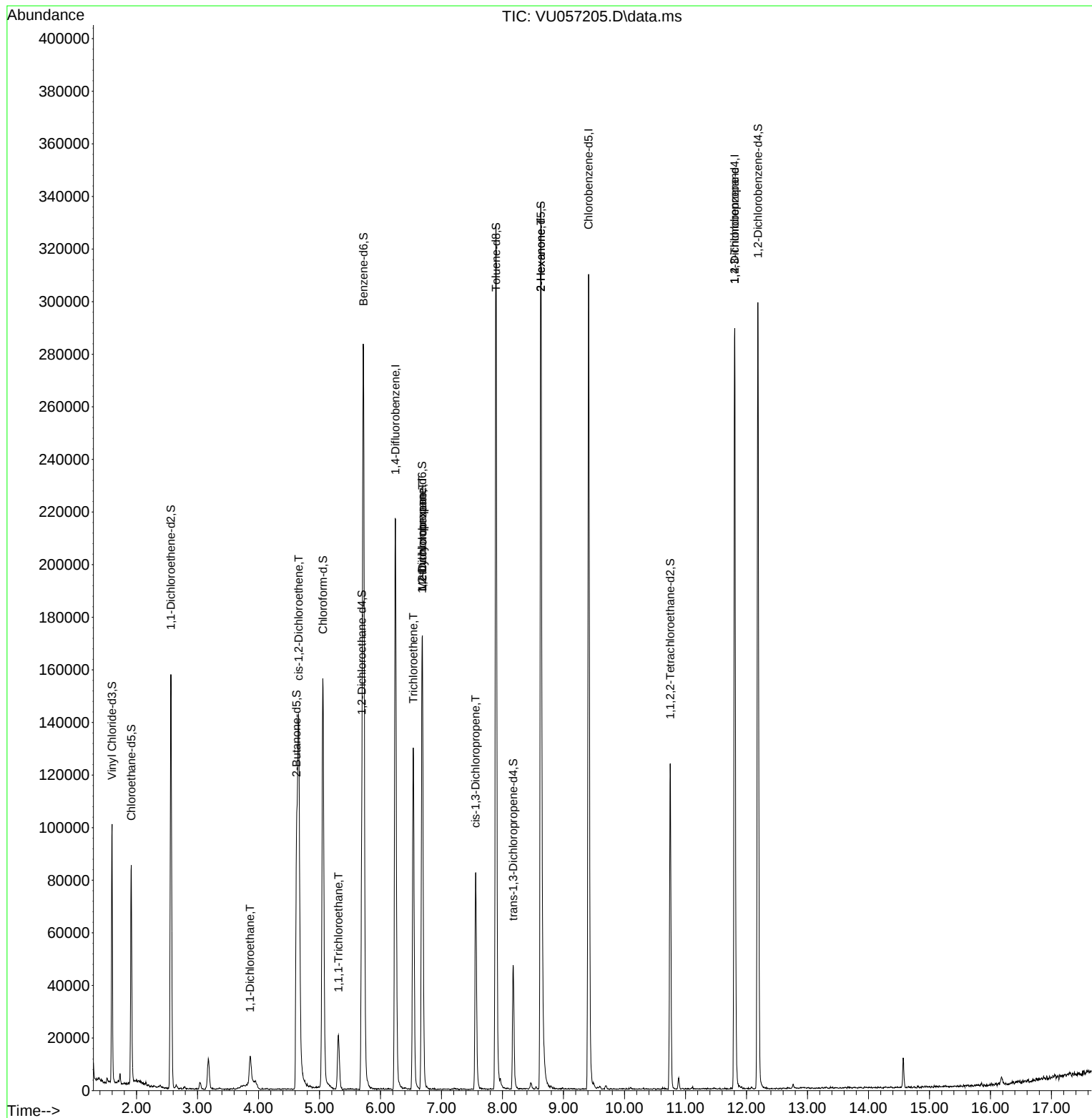
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178026	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66547	3.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.914	69	62241	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.563	65	29988	4.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.624	46	147467	55.198	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.400%
24) Chloroform-d	5.055	84	148711	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	74889	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.721	84	271345	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	84178	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	219673	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.174	79	30158	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.627	63	115767	47.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59737	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	78376	4.714	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.862	63	13106	0.509	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	60607	4.240	ug/L	92
29) 1,1,1-Trichloroethane	5.312	97	15644	0.565	ug/L	97
34) Trichloroethene	6.537	95	45604	2.821	ug/L	93
35) Methylcyclohexane	6.685	83	20930	0.984	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9383	0.682	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2350	0.114	ug/L #	68
48) 2-Hexanone	8.627	43	14344	3.262	ug/L #	79
61) 1,2,3-Trichloropropane	11.807	75	8162	1.134	ug/L #	65

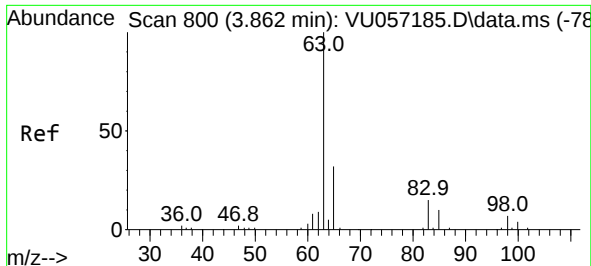
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.509 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057205.D

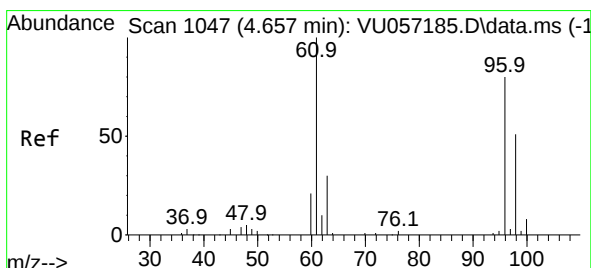
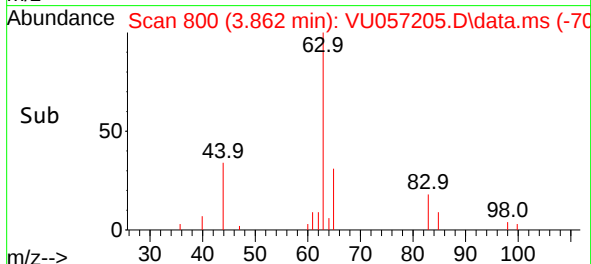
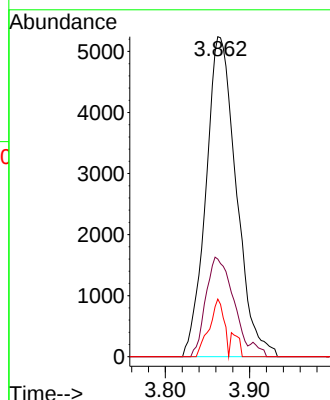
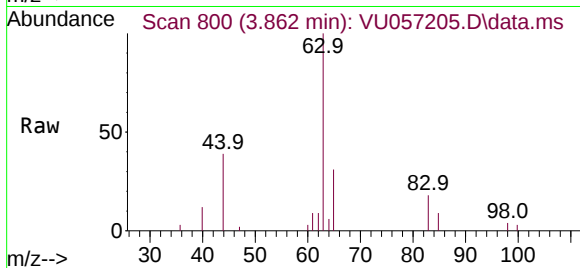
Acq: 22 Dec 2023 21:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 13106
Ion Ratio	Lower Upper
63 100	
65 30.5	21.6 40.2
83 18.0	10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 4.240 ug/L

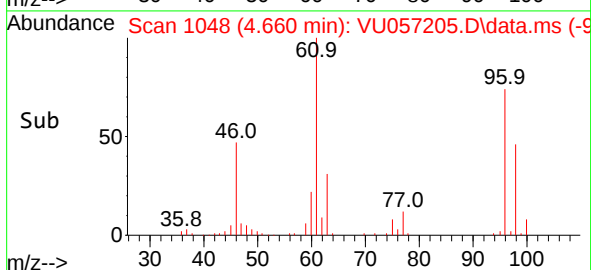
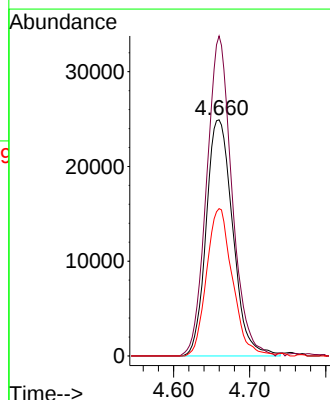
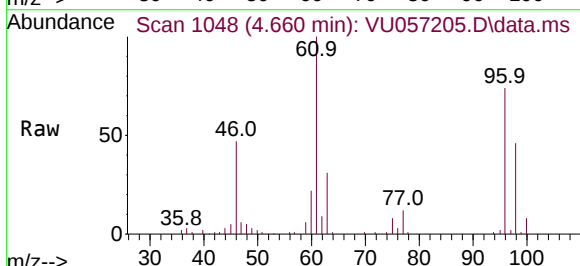
RT: 4.660 min Scan# 1048

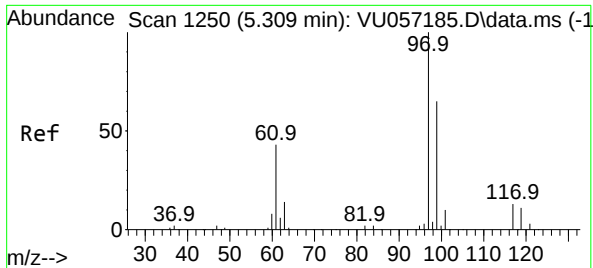
Delta R.T. 0.003 min

Lab File: VU057205.D

Acq: 22 Dec 2023 21:23

Tgt Ion: 96	Resp: 60607
Ion Ratio	Lower Upper
96 100	
61 135.5	86.8 161.2
98 62.4	45.5 84.5

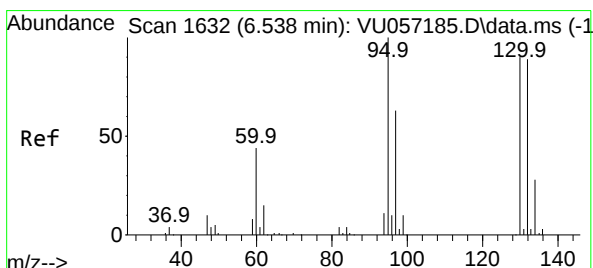
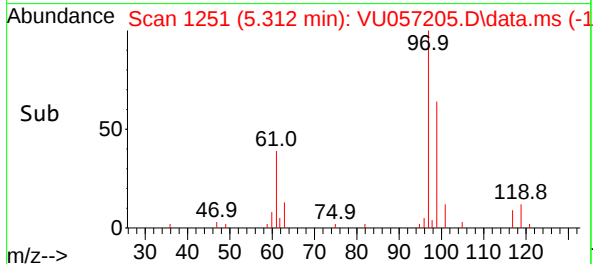
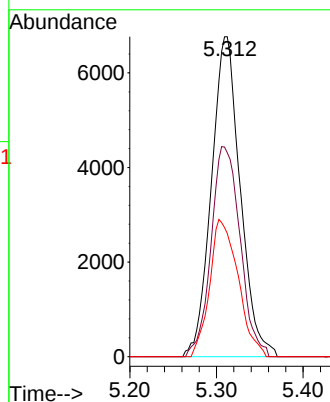
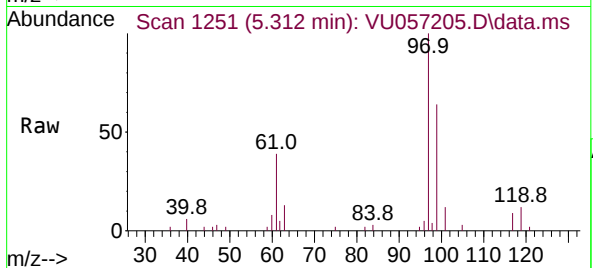




#29
1,1,1-Trichloroethane
Concen: 0.565 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057205.D
Acq: 22 Dec 2023 21:23

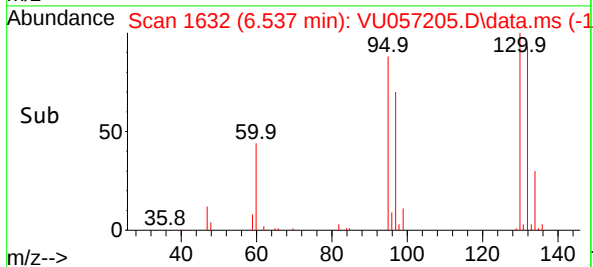
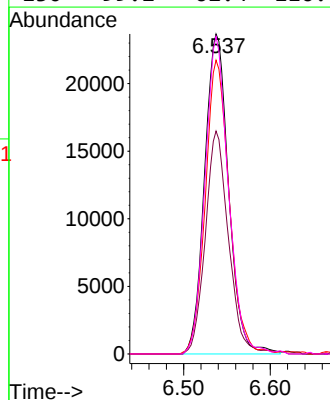
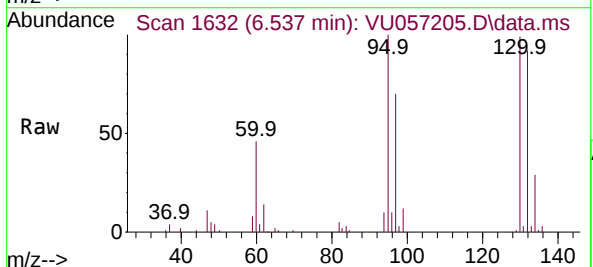
Instrument :
MSVOA_U
ClientSampleId :

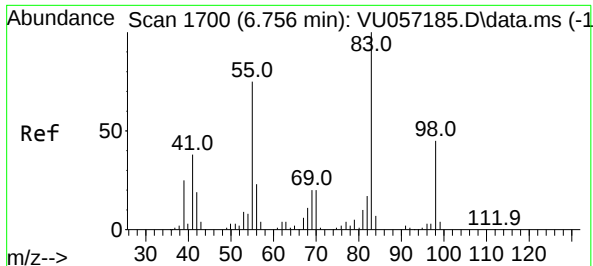
Tgt Ion: 97	Resp: 15644
Ion Ratio	Lower Upper
97 100	
99 66.2	51.2 76.8
61 42.3	32.5 48.7



#34
Trichloroethene
Concen: 2.821 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057205.D
Acq: 22 Dec 2023 21:23

Tgt Ion: 95	Resp: 45604
Ion Ratio	Lower Upper
95 100	
97 69.7	44.3 82.3
132 91.8	62.6 116.2
130 99.2	62.4 116.0





#35

Methylcyclohexane

Concen: 0.984 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057205.D

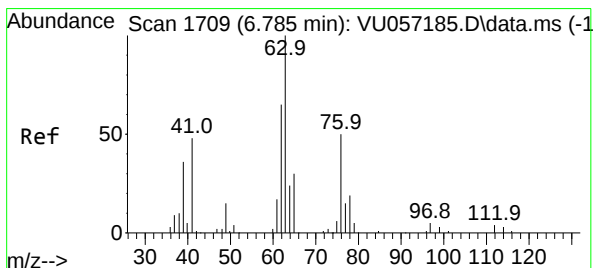
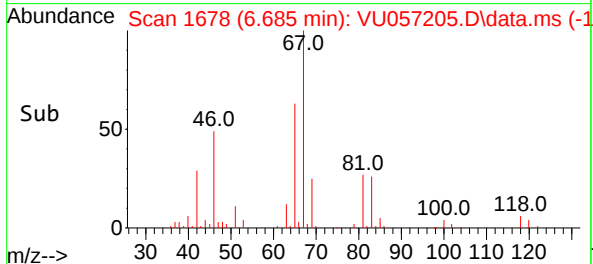
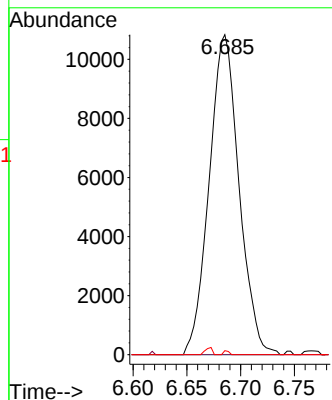
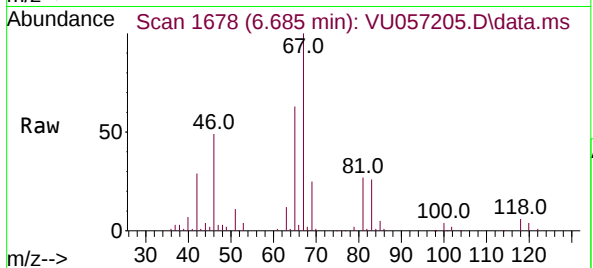
Acq: 22 Dec 2023 21:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 20930
Ion Ratio	Lower Upper
83	100
55	0.1 61.3 91.9#
98	0.5 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.682 ug/L

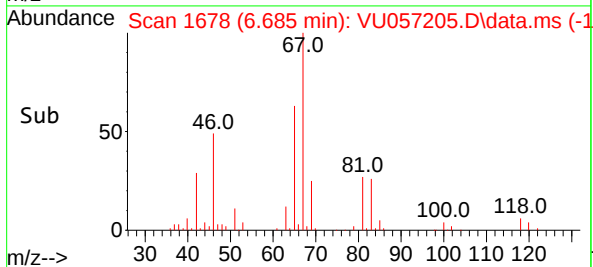
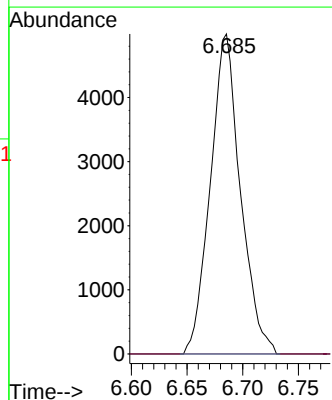
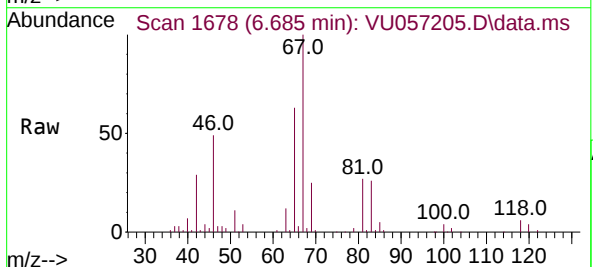
RT: 6.685 min Scan# 1678

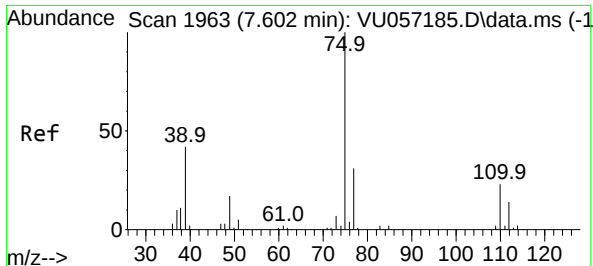
Delta R.T. -0.100 min

Lab File: VU057205.D

Acq: 22 Dec 2023 21:23

Tgt Ion: 63	Resp: 9383
Ion Ratio	Lower Upper
63	100
112	0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057205.D

Acq: 22 Dec 2023 21:23

Instrument :

MSVOA_U

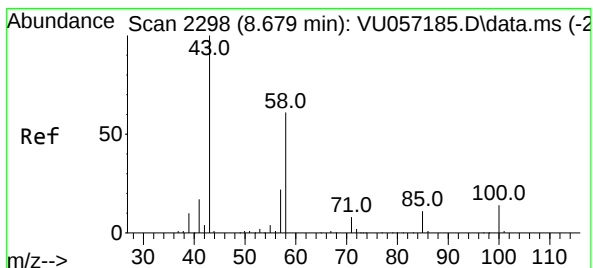
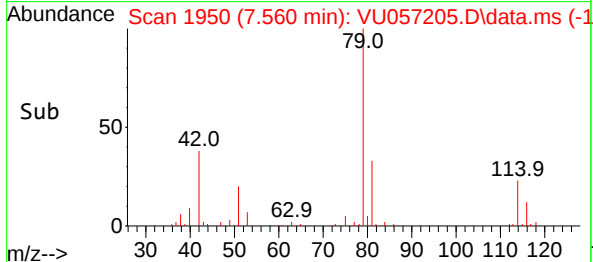
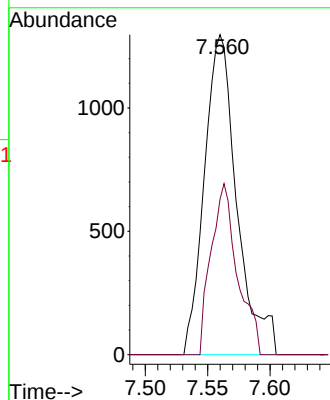
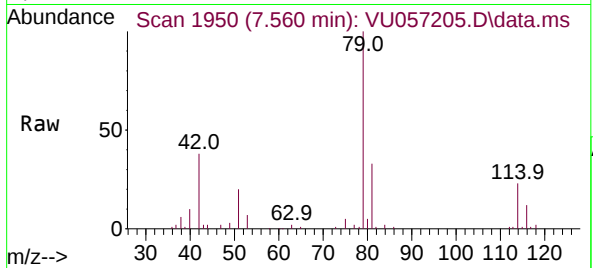
ClientSampleId :

Tgt Ion: 75 Resp: 2350

Ion Ratio Lower Upper

75 100

77 48.6 21.8 40.4#



#48

2-Hexanone

Concen: 3.262 ug/L

RT: 8.627 min Scan# 2282

Delta R.T. -0.052 min

Lab File: VU057205.D

Acq: 22 Dec 2023 21:23

Tgt Ion: 43 Resp: 14344

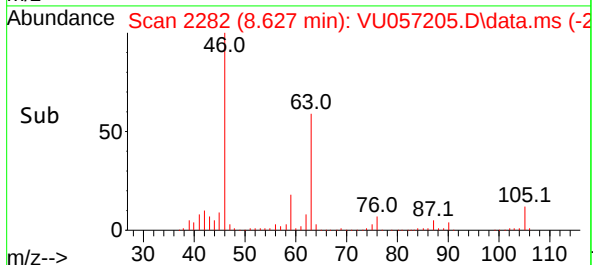
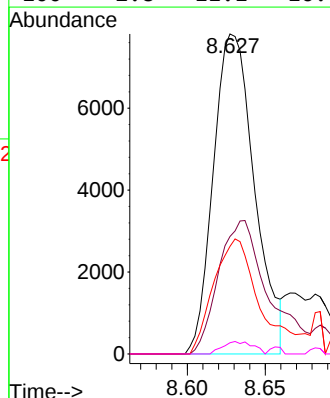
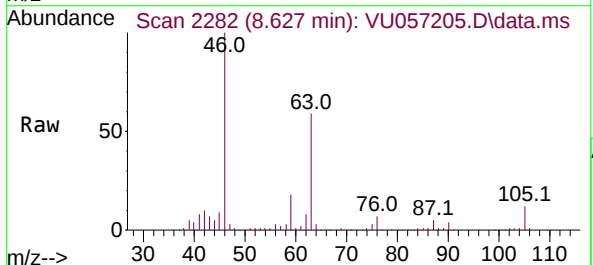
Ion Ratio Lower Upper

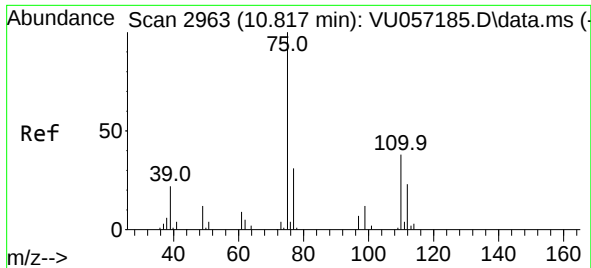
43 100

58 50.6 49.8 74.8

57 40.1 18.5 27.7#

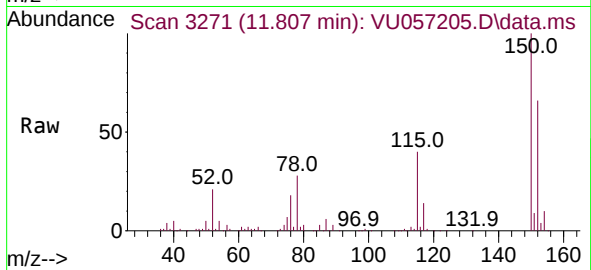
100 2.8 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.134 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057205.D
 Acq: 22 Dec 2023 21:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8162
 Ion Ratio Lower Upper
 75 100
 110 2.9 31.2 46.8#
 77 35.3 25.5 38.3

