

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057347.D
 Acq On : 28 Dec 2023 20:47
 Operator : MD/SY
 Sample : 06021-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:40:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

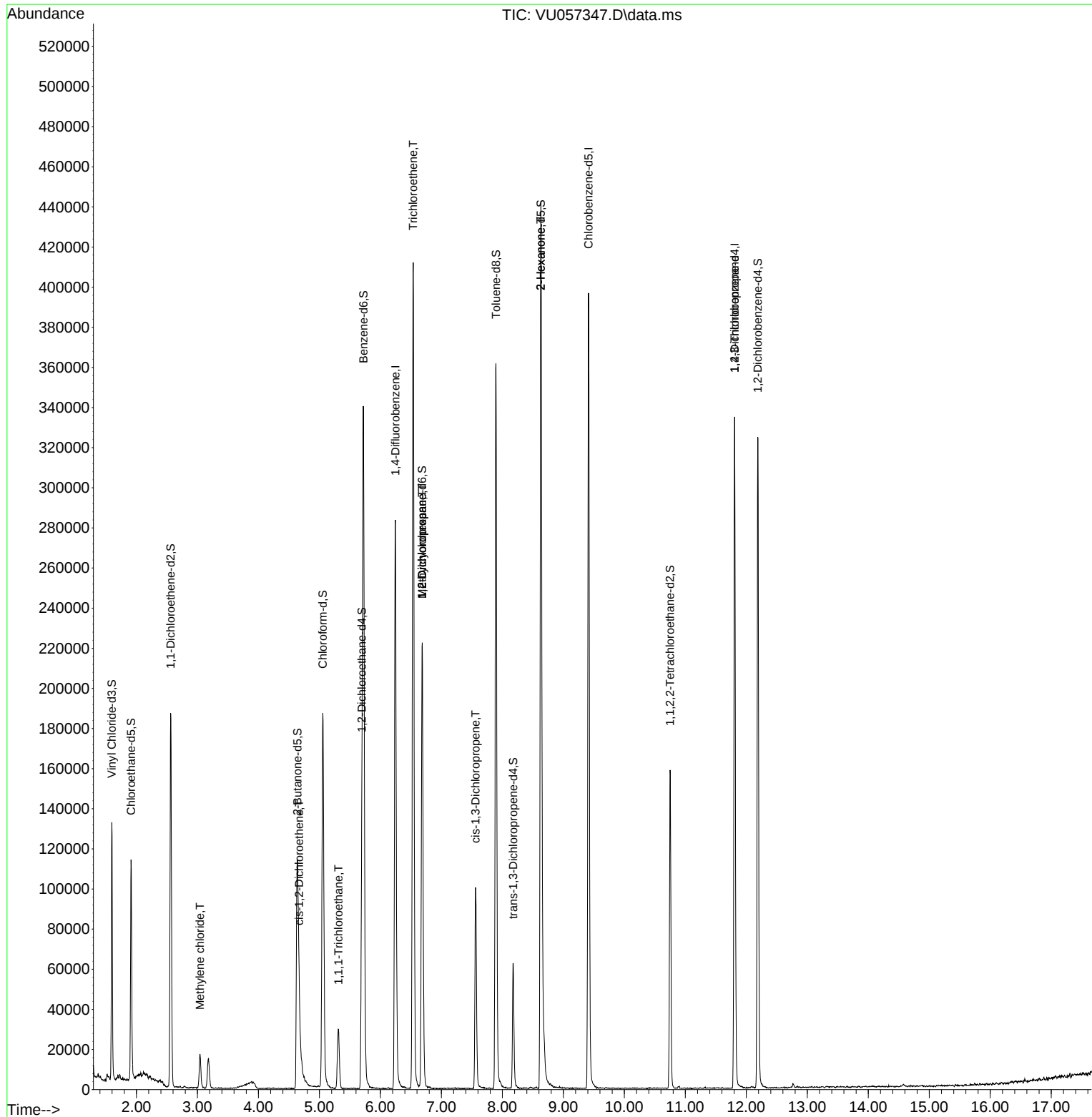
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	224066	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	229836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91937	4.773	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.911	69	83421	5.392	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.800%	
11) 1,1-Dichloroethene-d2	2.560	65	35545	4.636	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.800%	
20) 2-Butanone-d5	4.637	46	204891	46.963	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.920%	
24) Chloroform-d	5.055	84	176835	5.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4	5.695	65	88451	5.053	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.721	84	320256	4.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.685	67	107025	5.213	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.200%	
41) Toluene-d8	7.894	98	245089	4.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.177	79	35687	4.332	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.631	63	148956	39.924	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.840%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79606	4.617	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	85386	5.370	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	9007	0.477	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	2783	0.166	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	22847	0.785	ug/L	98
34) Trichloroethene	6.534	95	149268	8.460	ug/L	99
35) Methylcyclohexane	6.685	83	25579	1.110	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12184	0.661	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	2771	0.110	ug/L #	80
48) 2-Hexanone	8.627	43	19610	2.834	ug/L #	82
61) 1,2,3-Trichloropropane	11.807	75	10889	1.194	ug/L #	66

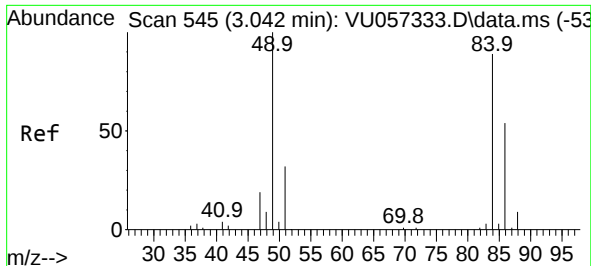
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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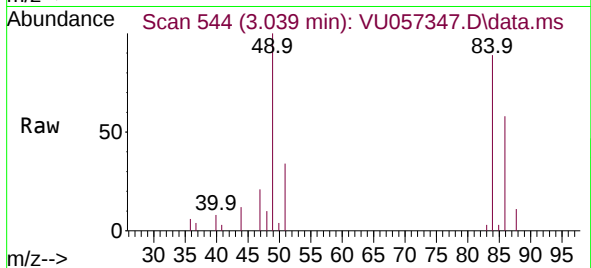
Quant Time: Dec 28 21:40:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
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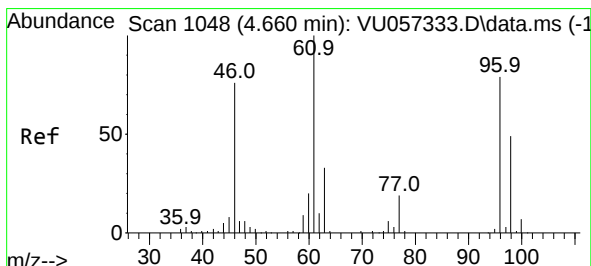
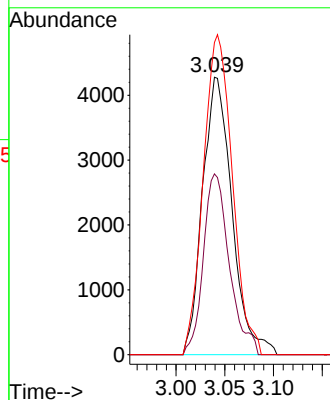
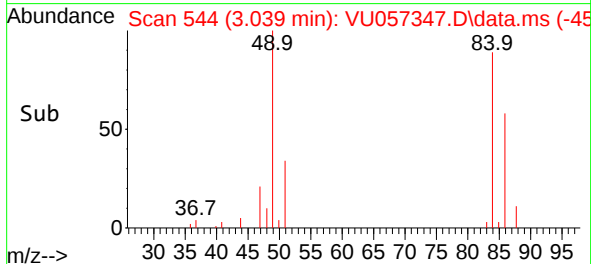


#16
Methylene chloride
Concen: 0.477 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU057347.D
Acq: 28 Dec 2023 20:47

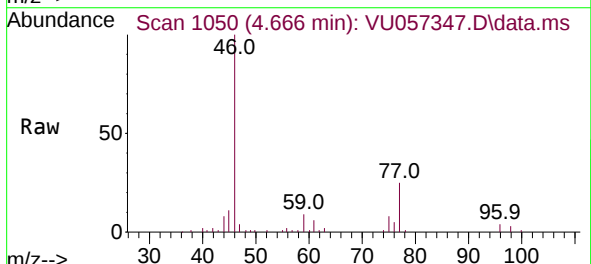
Instrument :
MSVOA_U
ClientSampleId :



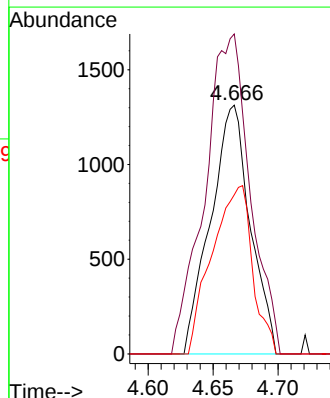
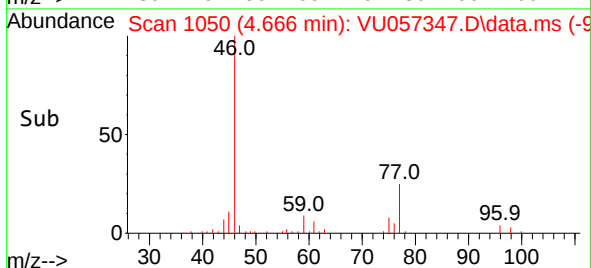
Tgt Ion: 84 Resp: 9007
Ion Ratio Lower Upper
84 100
86 65.2 43.8 81.3
49 112.5 83.2 154.4

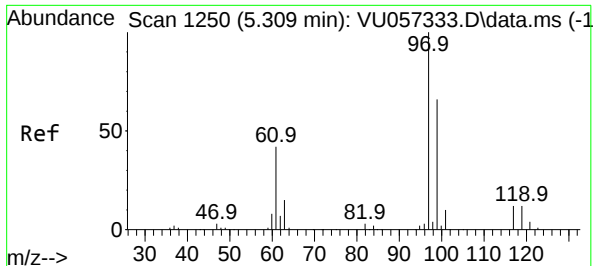


#22
cis-1,2-Dichloroethene
Concen: 0.166 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU057347.D
Acq: 28 Dec 2023 20:47



Tgt Ion: 96 Resp: 2783
Ion Ratio Lower Upper
96 100
61 128.6 91.1 169.3
98 64.0 42.6 79.0





#29

1,1,1-Trichloroethane

Concen: 0.785 ug/L

RT: 5.313 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU057347.D

Acq: 28 Dec 2023 20:47

Instrument :

MSVOA_U

ClientSampleId :

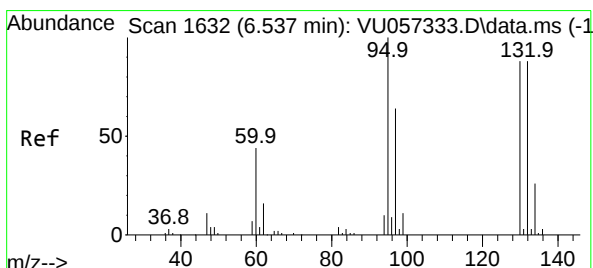
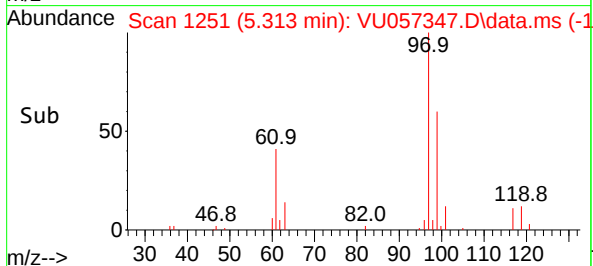
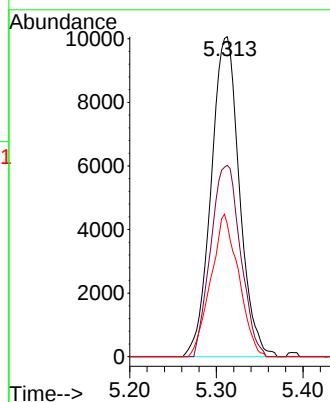
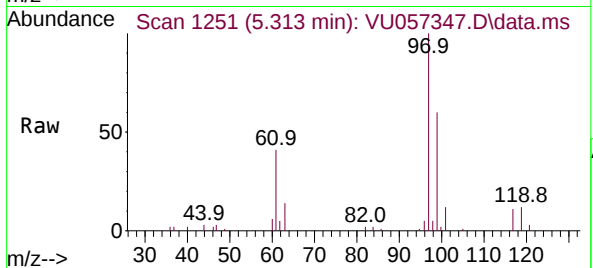
Tgt Ion: 97 Resp: 22847

Ion Ratio Lower Upper

97 100

99 62.9 51.7 77.5

61 43.8 34.1 51.1



#34

Trichloroethene

Concen: 8.460 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU057347.D

Acq: 28 Dec 2023 20:47

Tgt Ion: 95 Resp: 149268

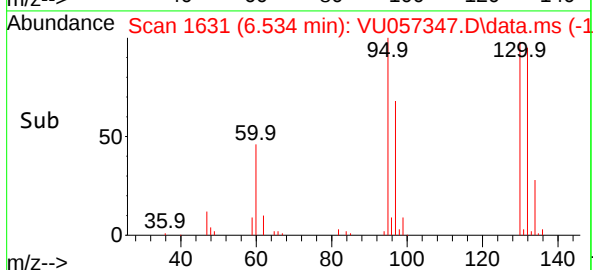
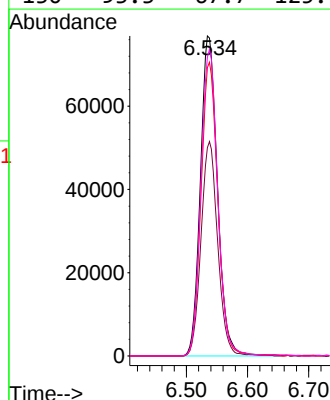
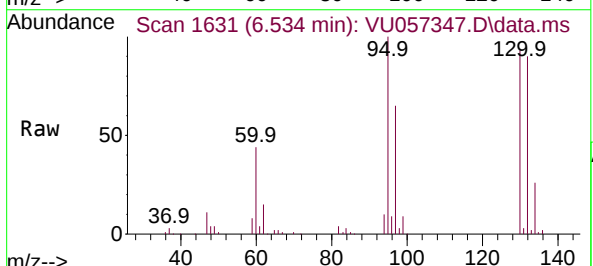
Ion Ratio Lower Upper

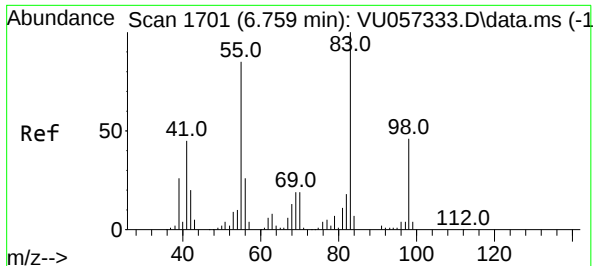
95 100

97 65.1 45.3 84.1

132 90.1 63.1 117.3

130 93.3 67.7 125.7

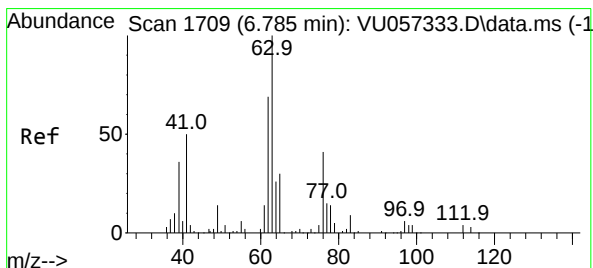
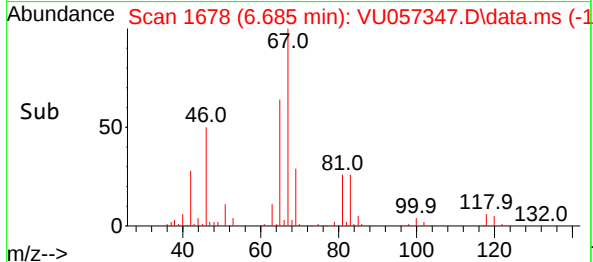
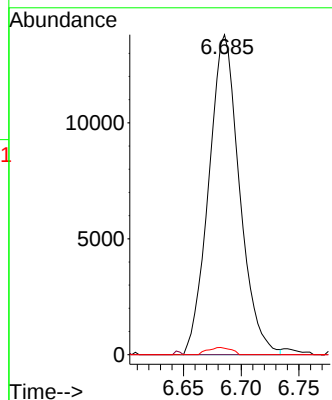
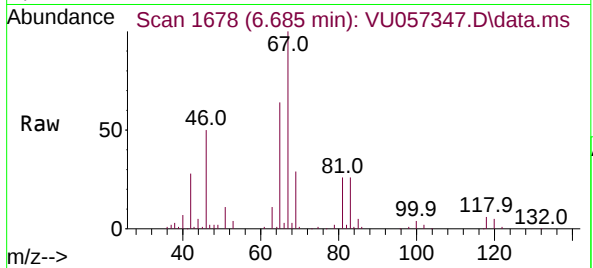




#35
Methylcyclohexane
Concen: 1.110 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057347.D
Acq: 28 Dec 2023 20:47

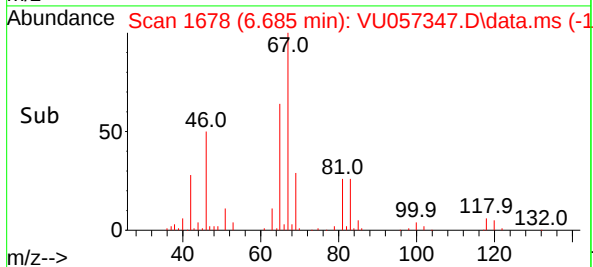
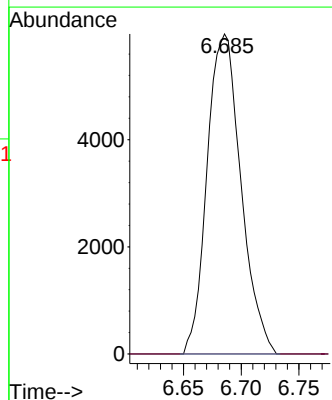
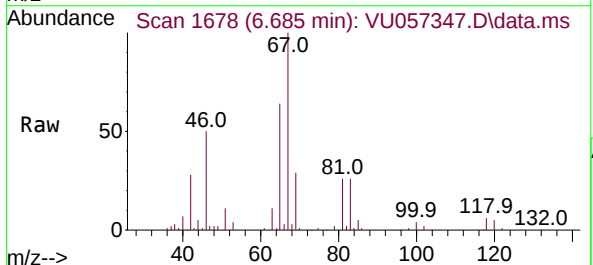
Instrument :
MSVOA_U
ClientSampleId :

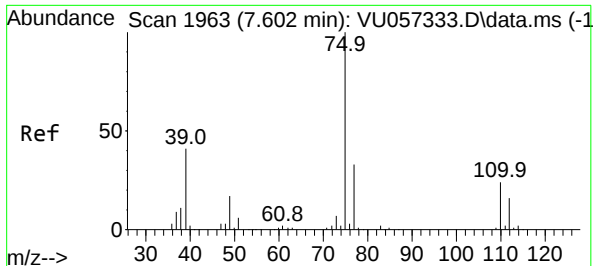
Tgt Ion: 83 Resp: 25579
Ion Ratio Lower Upper
83 100
55 0.2 65.4 98.2#
98 1.7 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057347.D
Acq: 28 Dec 2023 20:47

Tgt Ion: 63 Resp: 12184
Ion Ratio Lower Upper
63 100
112 0.2 2.9 4.3#

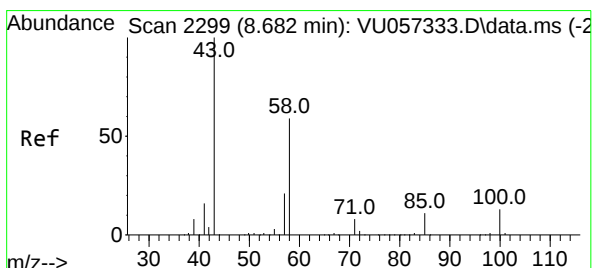
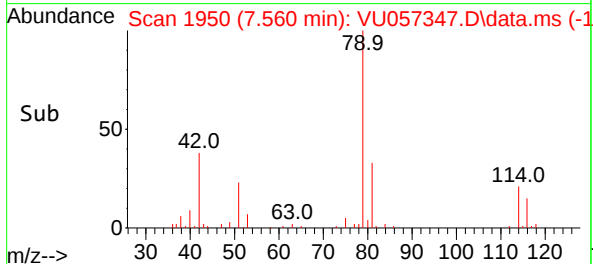
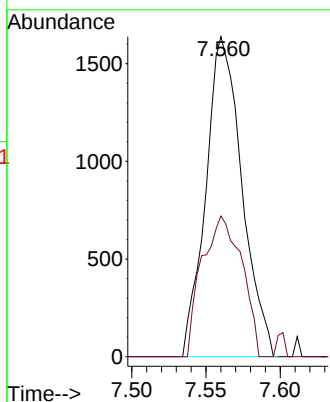
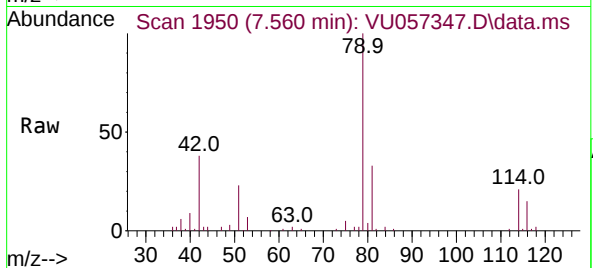




#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.560 min Scan# 1963
Delta R.T. -0.042 min
Lab File: VU057347.D
Acq: 28 Dec 2023 20:47

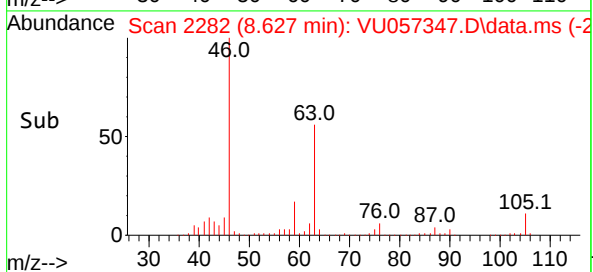
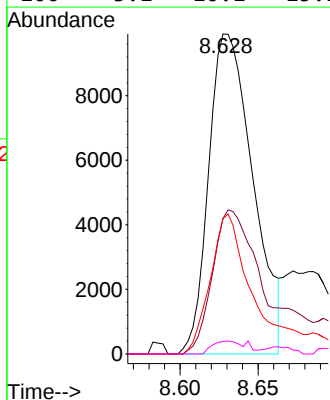
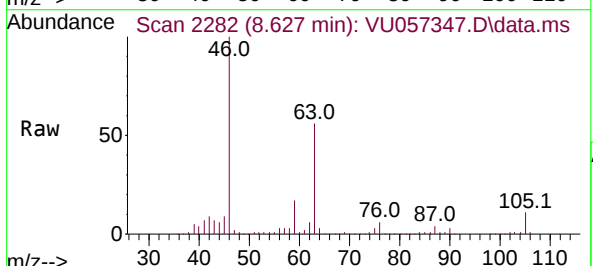
Instrument :
MSVOA_U
ClientSampleId :

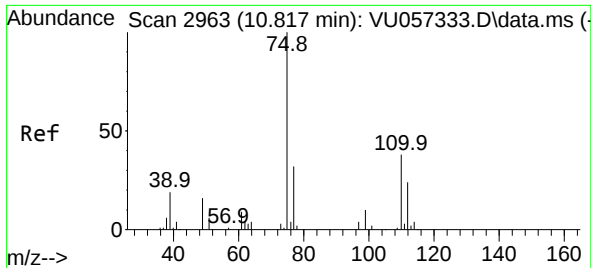
Tgt Ion: 75 Resp: 2771
Ion Ratio Lower Upper
75 100
77 44.0 23.0 42.8#



#48
2-Hexanone
Concen: 2.834 ug/L
RT: 8.627 min Scan# 2282
Delta R.T. -0.055 min
Lab File: VU057347.D
Acq: 28 Dec 2023 20:47

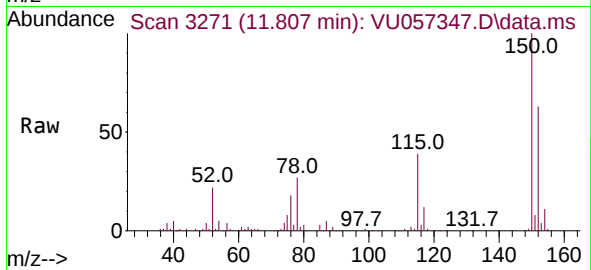
Tgt Ion: 43 Resp: 19610
Ion Ratio Lower Upper
43 100
58 54.1 48.4 72.6
57 42.2 17.4 26.2#
100 3.1 10.1 15.1#





#61
1,2,3-Trichloropropane
Concen: 1.194 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057347.D
Acq: 28 Dec 2023 20:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	10889
Ion	Ratio	Lower	Upper
75	100		
110	1.8	29.0	43.6#
77	35.4	25.4	38.2

