

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057343.D
 Acq On : 28 Dec 2023 19:10
 Operator : MD/SY
 Sample : 06021-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:39:46 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)

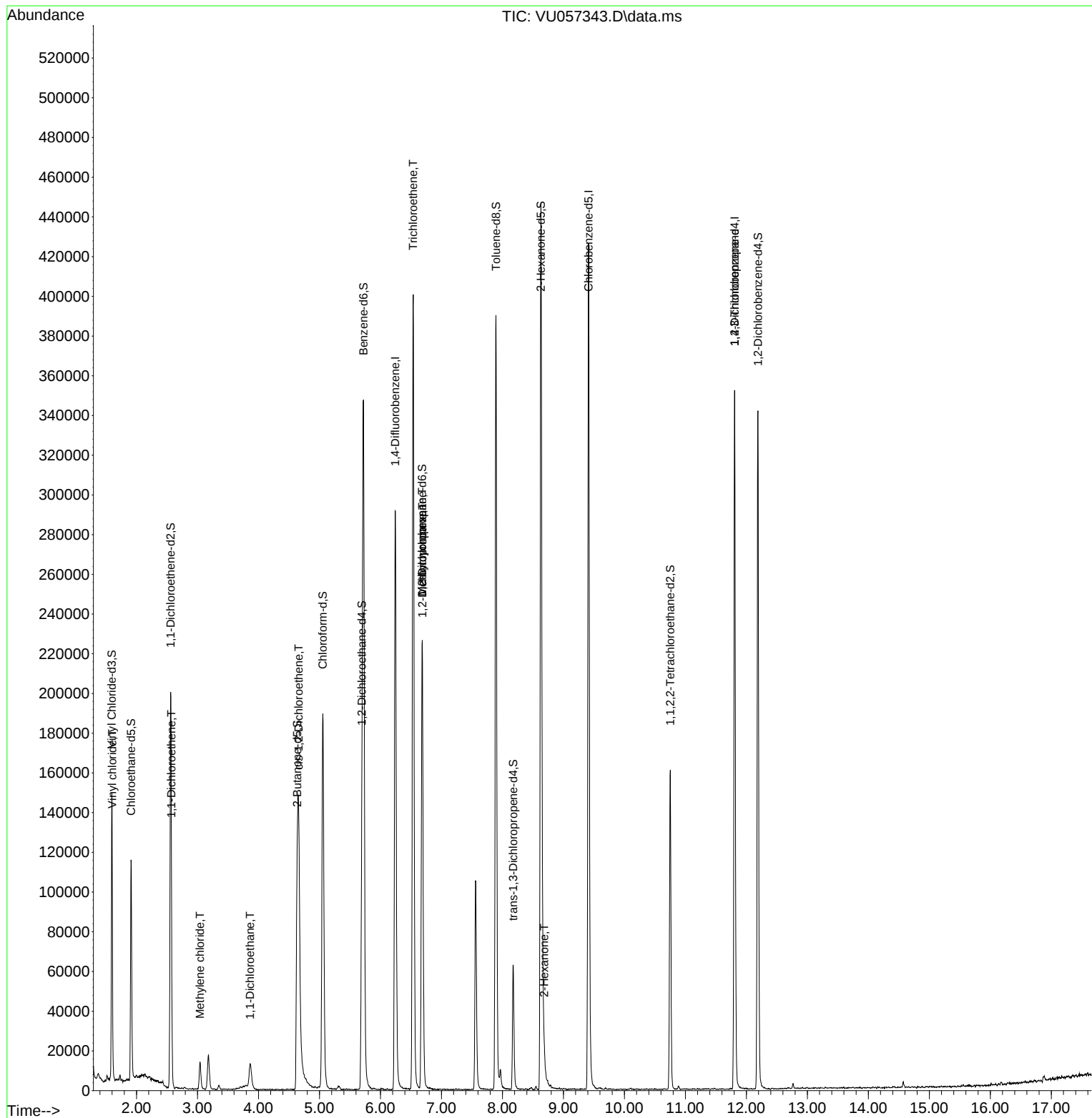
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	235602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	94413	4.661	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	85807	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.560	65	38929	4.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.634	46	209103	45.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.160%
24) Chloroform-d	5.055	84	181124	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	91381	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	330153	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.685	67	113174	5.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.894	98	258986	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	37429	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.631	63	152667	39.608	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80279	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	86942	5.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	12920	0.657	ug/L	91
12) 1,1-Dichloroethene	2.573	96	2965	0.193	ug/L #	1
16) Methylene chloride	3.039	84	7045	0.354	ug/L	92
19) 1,1-Dichloroethane	3.862	63	14438	0.450	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	40804	2.310	ug/L	93
34) Trichloroethene	6.537	95	145581	7.987	ug/L	97
35) Methylcyclohexane	6.685	83	25650	1.077	ug/L #	17
37) 1,2-Dichloropropane	6.689	63	12756	0.670	ug/L #	90
48) 2-Hexanone	8.685	43	4745	0.664	ug/L #	37
61) 1,2,3-Trichloropropane	11.807	75	11327	1.190	ug/L #	68

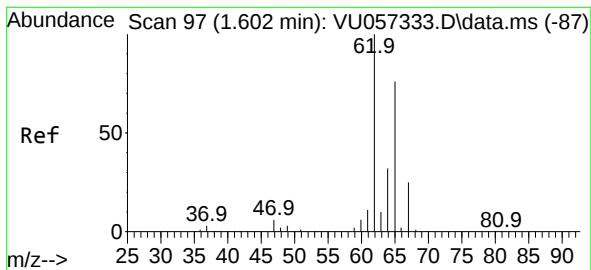
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.657 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057343.D

Acq: 28 Dec 2023 19:10

Instrument :

MSVOA_U

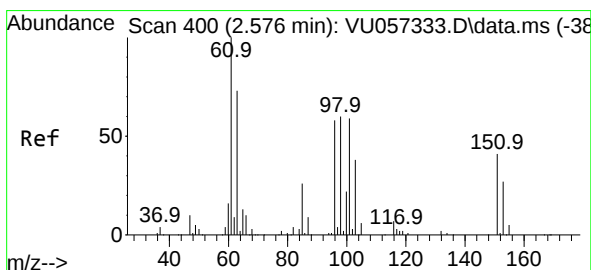
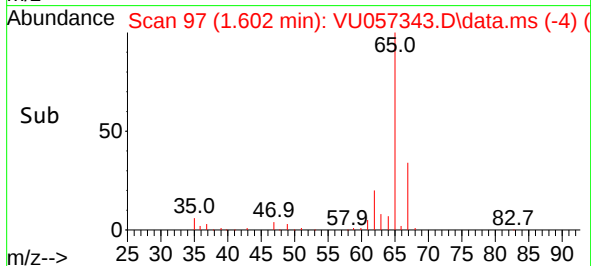
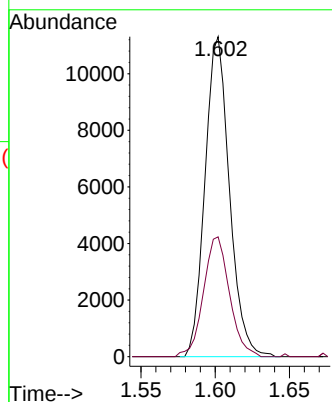
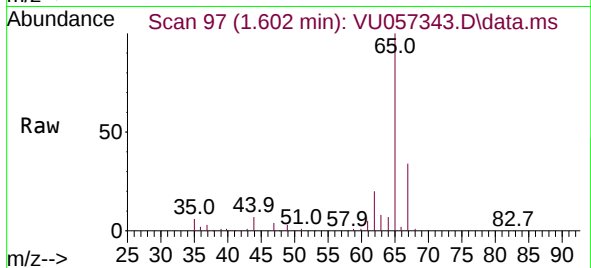
ClientSampleId :

Tgt Ion: 62 Resp: 12920

Ion Ratio Lower Upper

62 100

64 37.5 22.8 42.4



#12

1,1-Dichloroethene

Concen: 0.193 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU057343.D

Acq: 28 Dec 2023 19:10

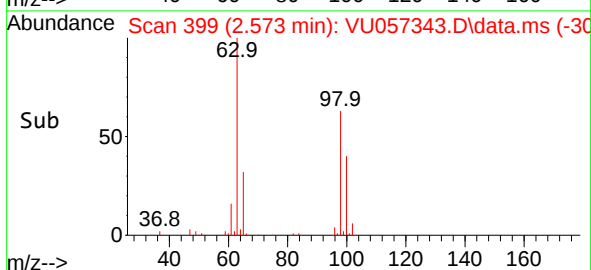
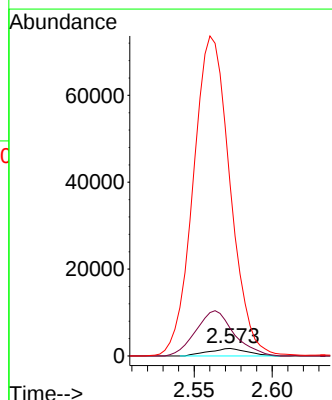
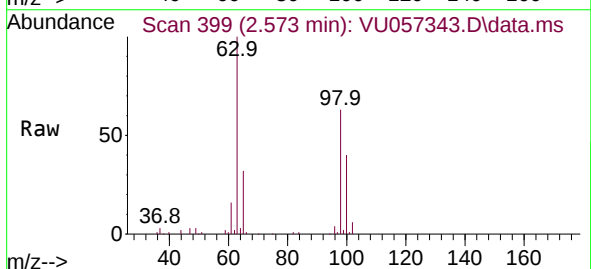
Tgt Ion: 96 Resp: 2965

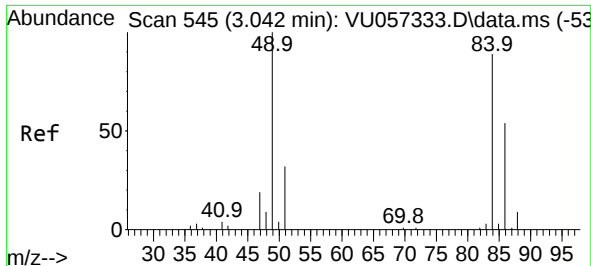
Ion Ratio Lower Upper

96 100

61 366.4 122.2 226.9#

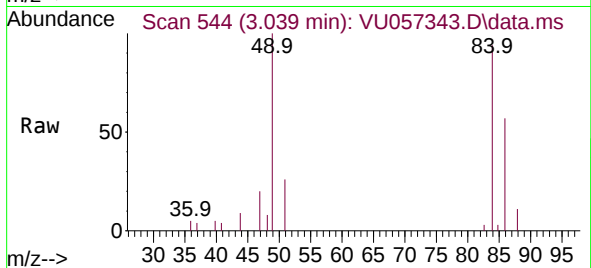
63 2269.3 99.2 184.2#



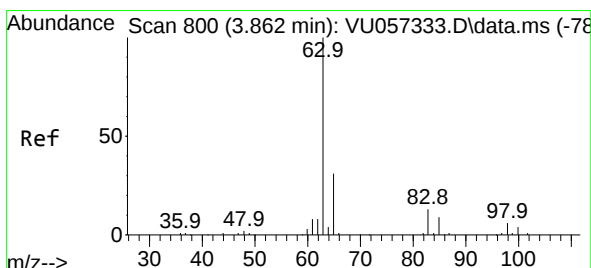
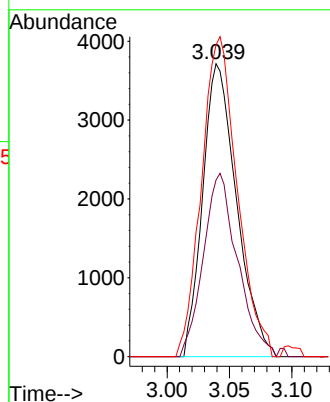
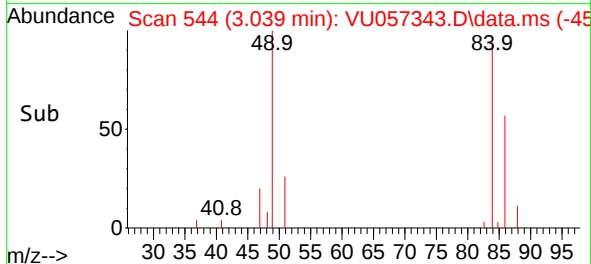


#16
Methylene chloride
Concen: 0.354 ug/L
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057343.D
Acq: 28 Dec 2023 19:10

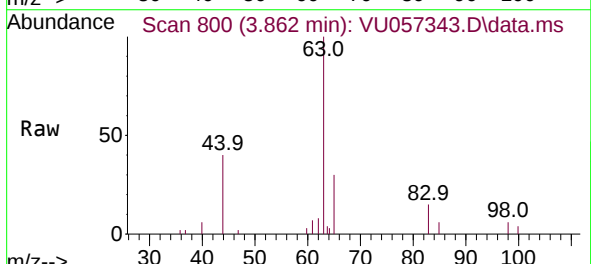
Instrument :
MSVOA_U
ClientSampleId :



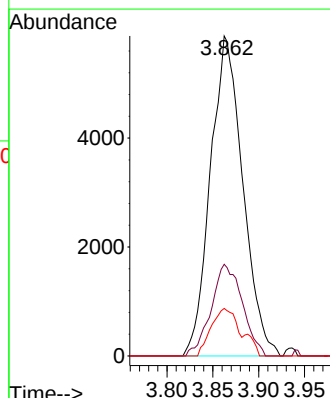
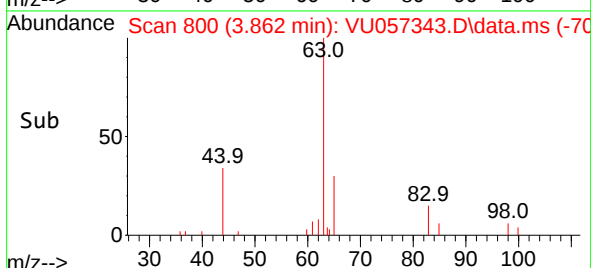
Tgt Ion: 84 Resp: 7045
Ion Ratio Lower Upper
84 100
86 60.3 43.8 81.3
49 106.5 83.2 154.4

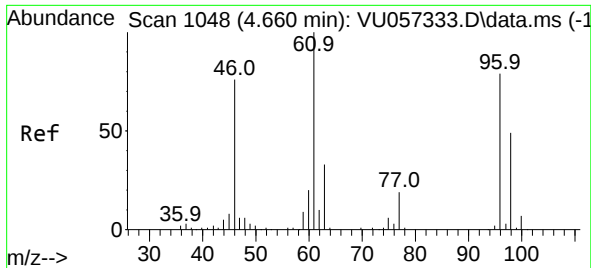


#19
1,1-Dichloroethane
Concen: 0.450 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057343.D
Acq: 28 Dec 2023 19:10



Tgt Ion: 63 Resp: 14438
Ion Ratio Lower Upper
63 100
65 28.7 23.6 43.8
83 14.9 9.8 18.2

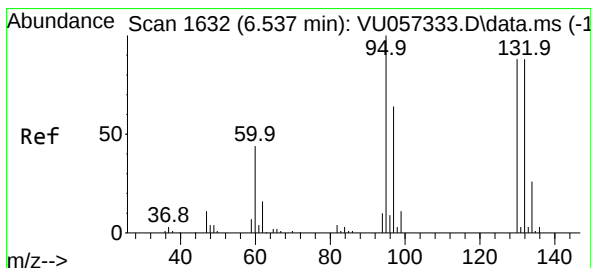
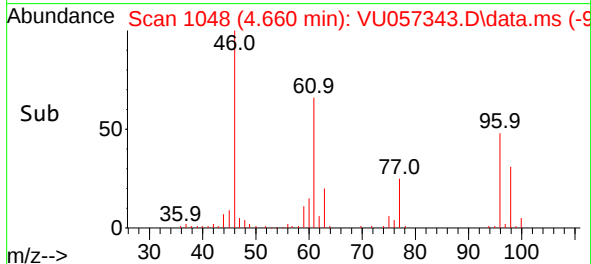
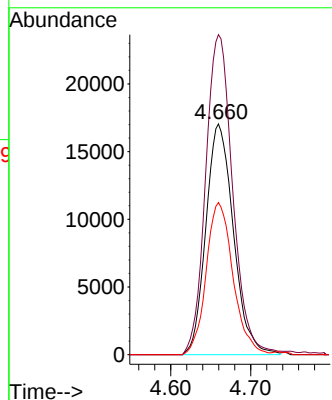
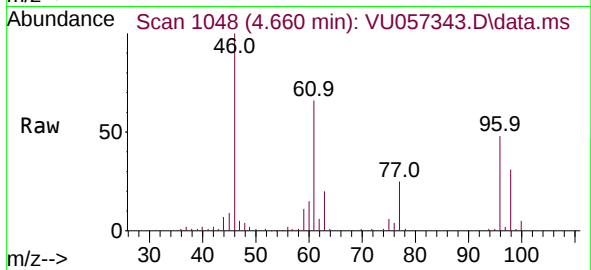




#22
 cis-1,2-Dichloroethene
 Concen: 2.310 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU057343.D
 Acq: 28 Dec 2023 19:10

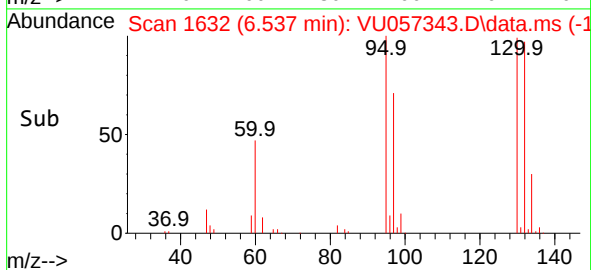
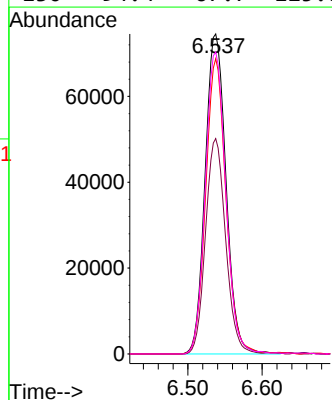
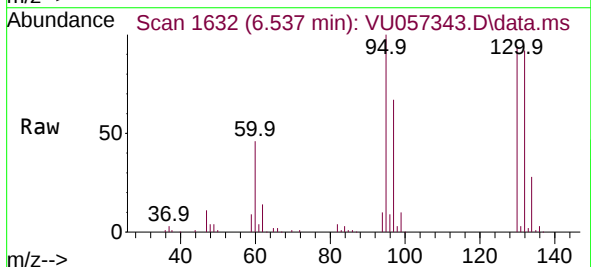
Instrument :
 MSVOA_U
 ClientSampleId :

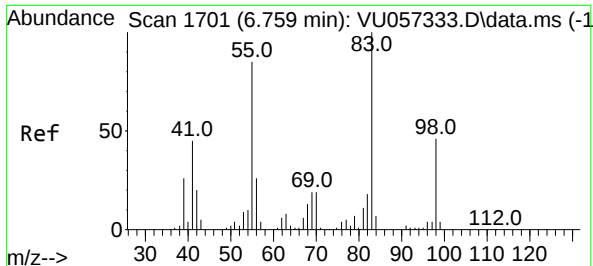
Tgt Ion: 96 Resp: 40804
 Ion Ratio Lower Upper
 96 100
 61 138.7 91.1 169.3
 98 66.0 42.6 79.0



#34
 Trichloroethene
 Concen: 7.987 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU057343.D
 Acq: 28 Dec 2023 19:10

Tgt Ion: 95 Resp: 145581
 Ion Ratio Lower Upper
 95 100
 97 67.3 45.3 84.1
 132 92.2 63.1 117.3
 130 94.4 67.7 125.7

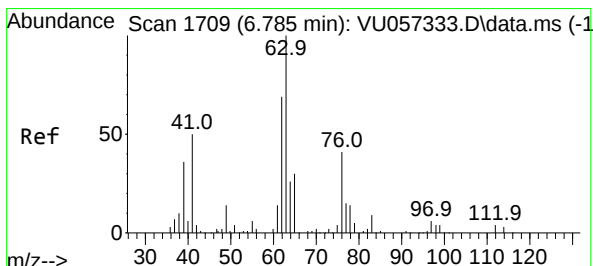
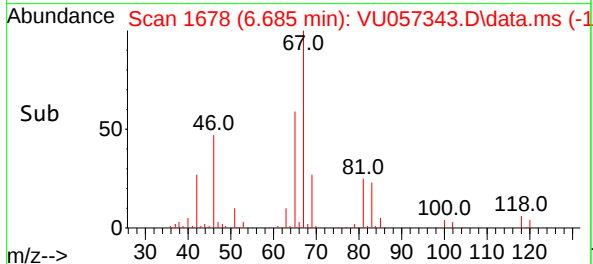
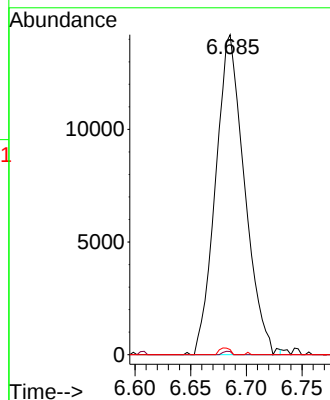
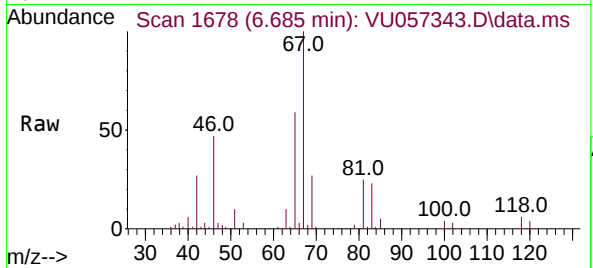




#35
Methylcyclohexane
Concen: 1.077 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057343.D
Acq: 28 Dec 2023 19:10

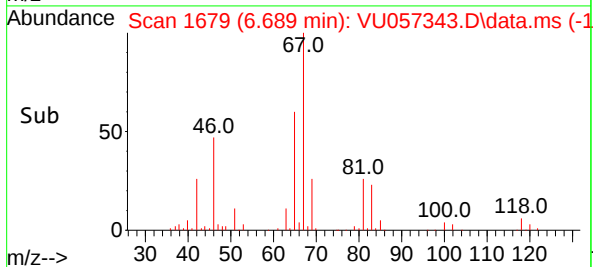
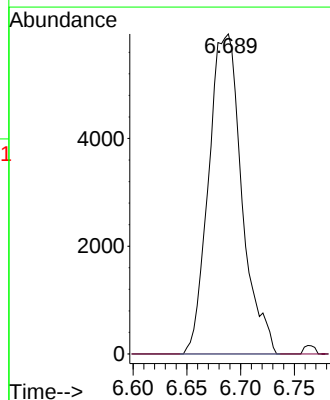
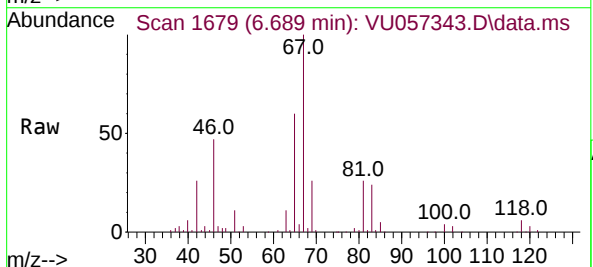
Instrument :
MSVOA_U
ClientSampleId :

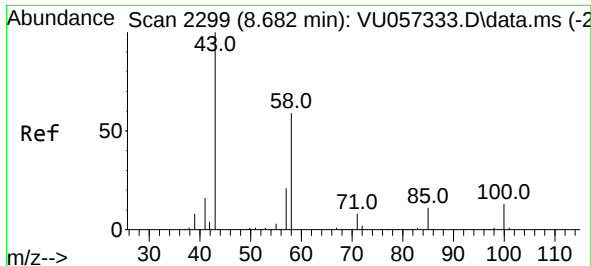
Tgt Ion: 83 Resp: 25650
Ion Ratio Lower Upper
83 100
55 0.3 65.4 98.2#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU057343.D
Acq: 28 Dec 2023 19:10

Tgt Ion: 63 Resp: 12756
Ion Ratio Lower Upper
63 100
112 0.2 2.9 4.3#

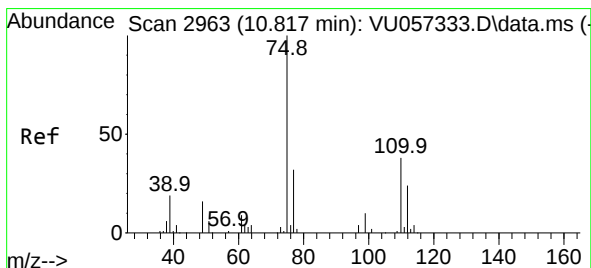
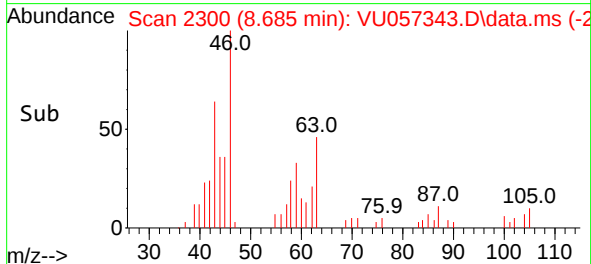
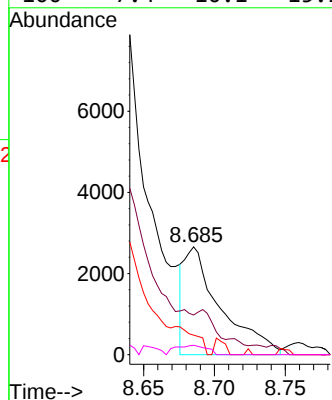
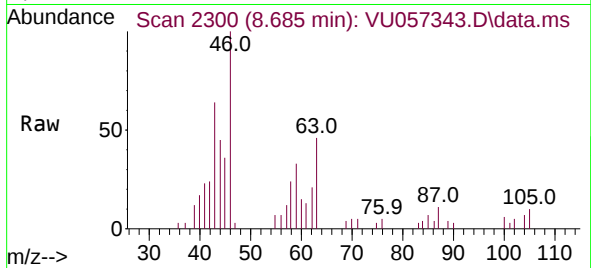




#48
2-Hexanone
Concen: 0.664 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057343.D
Acq: 28 Dec 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 4745
Ion Ratio	Lower Upper
43	100
58	0.0 48.4 72.6#
57	0.0 17.4 26.2#
100	7.4 10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.190 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057343.D
Acq: 28 Dec 2023 19:10

Tgt Ion: 75	Resp: 11327
Ion Ratio	Lower Upper
75	100
110	2.4 29.0 43.6#
77	33.5 25.4 38.2

