

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056946.D
 Acq On : 16 Dec 2023 23:20
 Operator : MD/SY
 Sample : 05811-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:04:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

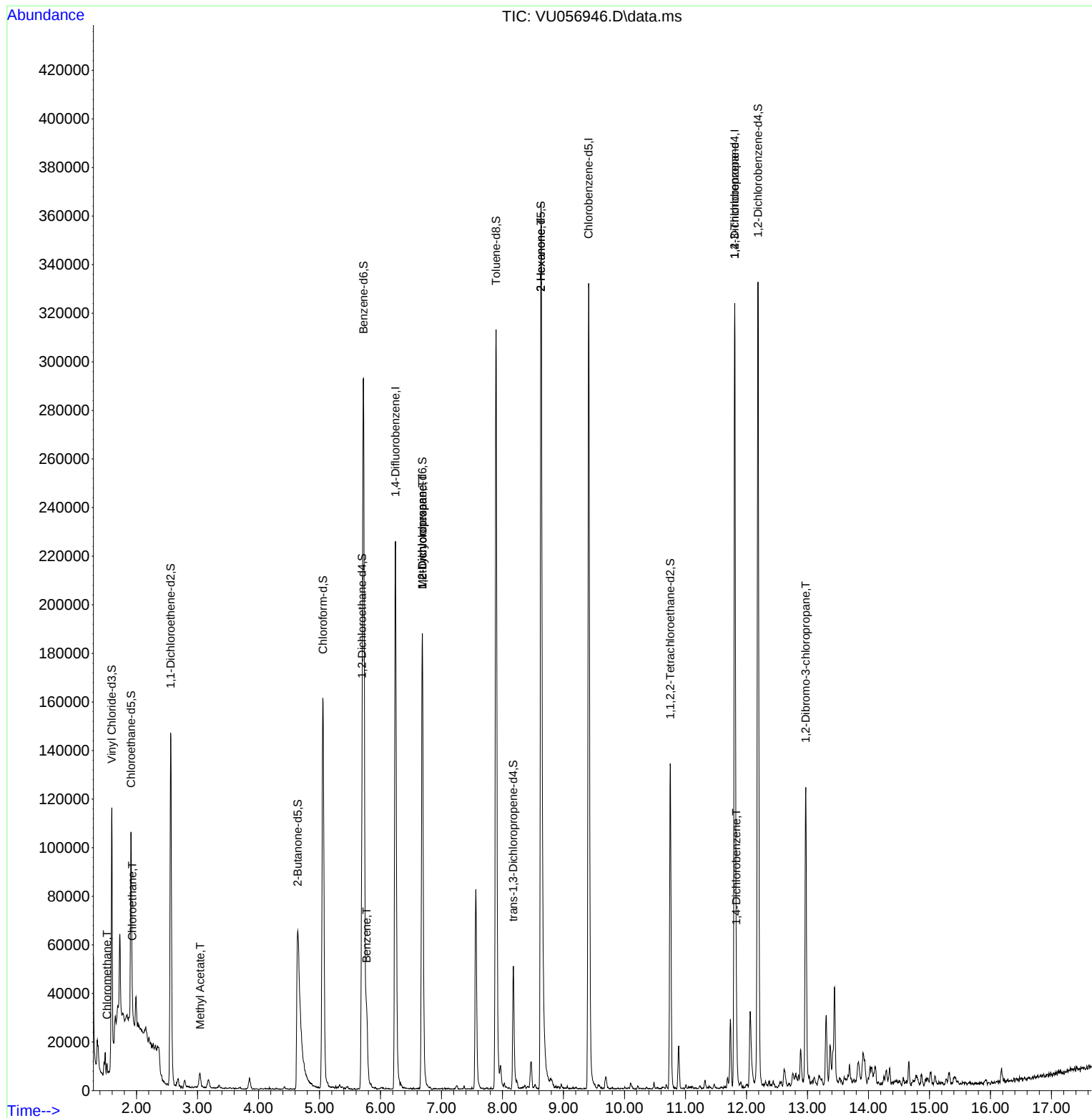
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	186179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	197298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	62971	3.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.911	69	58638	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.560	65	27341	4.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.644	46	156415	49.630	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.260%
24) Chloroform-d	5.055	84	157475	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.698	65	75877	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.721	84	282916	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.685	67	94717	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.894	98	219143	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	30635	4.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.631	63	132143	47.168	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69391	5.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	87280	5.142	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2788	0.145	ug/L	96
8) Chloroethane	1.930	64	3052	0.273	ug/L #	59
15) Methyl Acetate	3.042	43	2459	0.470	ug/L #	49
33) Benzene	5.772	78	30171	0.435	ug/L	100
35) Methylcyclohexane	6.685	83	22206	0.791	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	10487	0.591	ug/L #	88
48) 2-Hexanone	8.631	43	19588	3.265	ug/L #	70
61) 1,2,3-Trichloropropane	11.807	75	12709	1.371	ug/L #	70
65) 1,4-Dichlorobenzene	11.833	146	5826	0.183	ug/L	87
68) 1,2-Dibromo-3-chloropr...	12.971	75	600	0.324	ug/L #	52

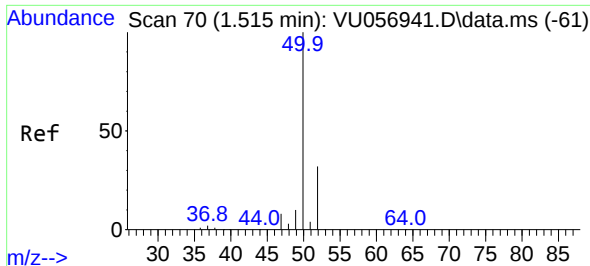
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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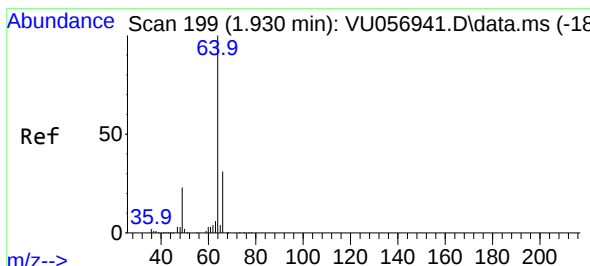
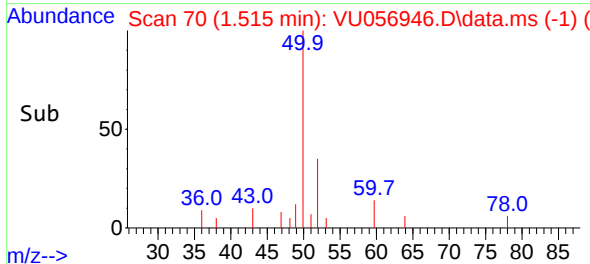
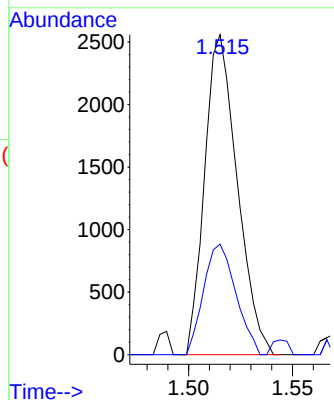
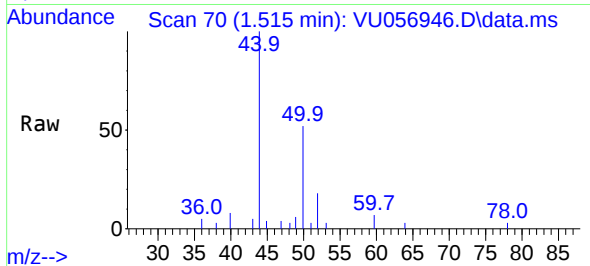




#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056946.D
Acq: 16 Dec 2023 23:20

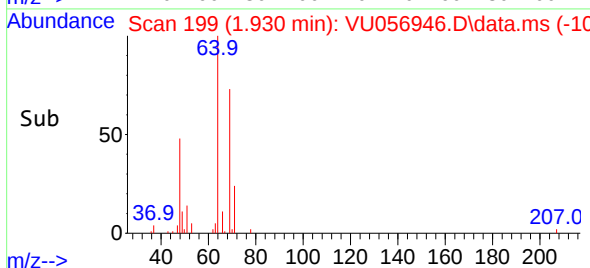
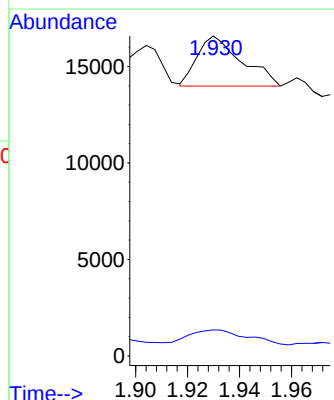
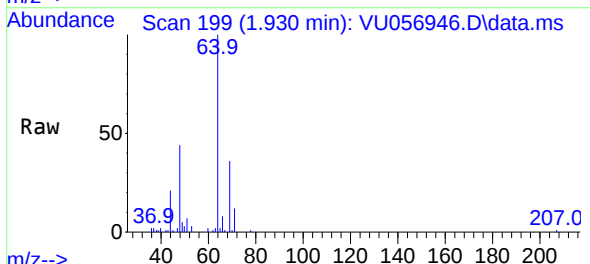
Instrument :
MSVOA_U
ClientSampleId :

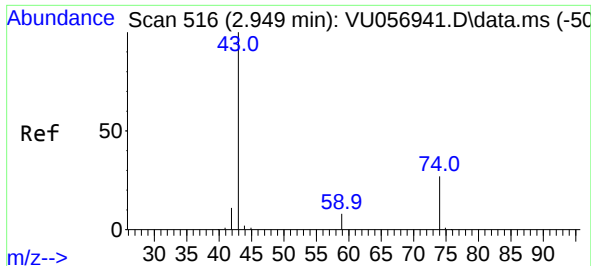
Tgt Ion: 50 Resp: 2788
Ion Ratio Lower Upper
50 100
52 34.5 22.5 41.7



#8
Chloroethane
Concen: 0.273 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056946.D
Acq: 16 Dec 2023 23:20

Tgt Ion: 64 Resp: 3052
Ion Ratio Lower Upper
64 100
66 8.2 21.4 39.8#





#15

Methyl Acetate

Concen: 0.470 ug/L

RT: 3.042 min Scan# 54

Delta R.T. 0.096 min

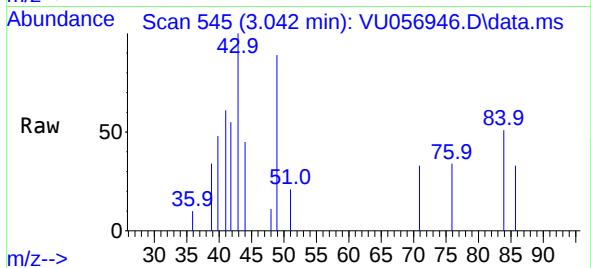
Lab File: VU056946.D

Acq: 16 Dec 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

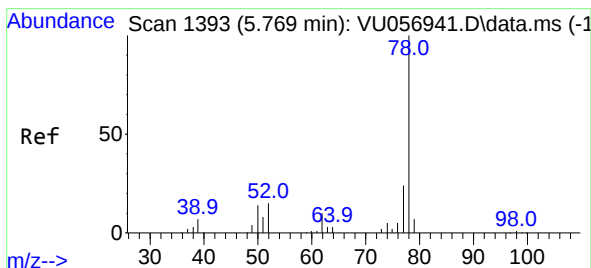
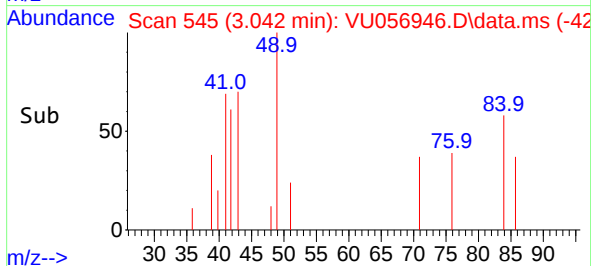
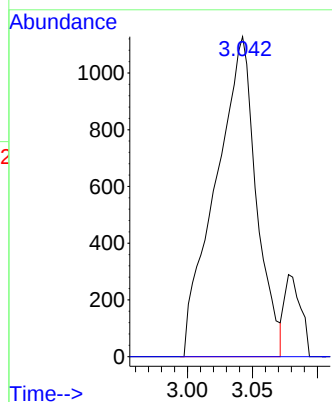


Tgt Ion: 43 Resp: 2459

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#



#33

Benzene

Concen: 0.435 ug/L

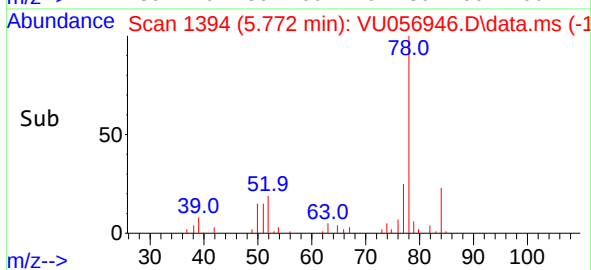
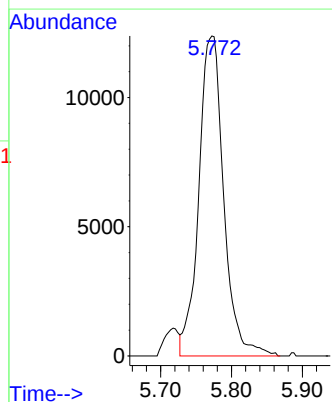
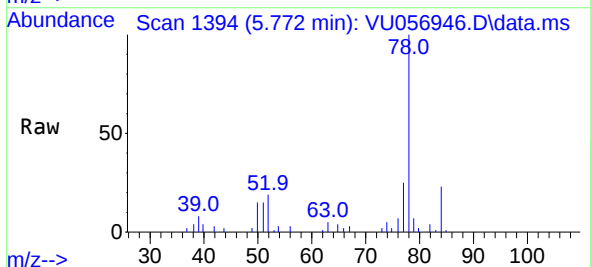
RT: 5.772 min Scan# 1394

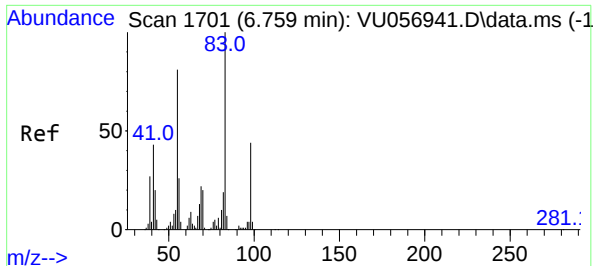
Delta R.T. 0.003 min

Lab File: VU056946.D

Acq: 16 Dec 2023 23:20

Tgt Ion: 78 Resp: 30171





#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056946.D

Acq: 16 Dec 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

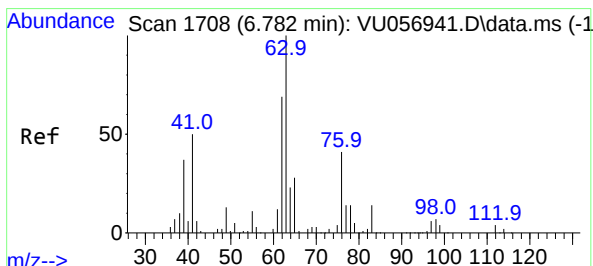
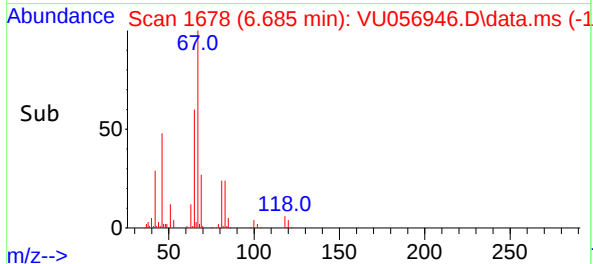
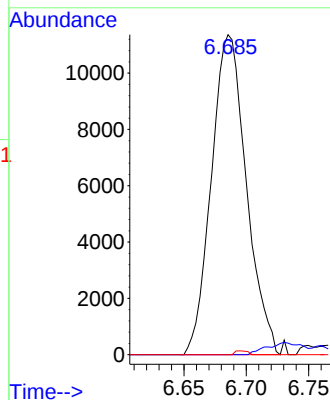
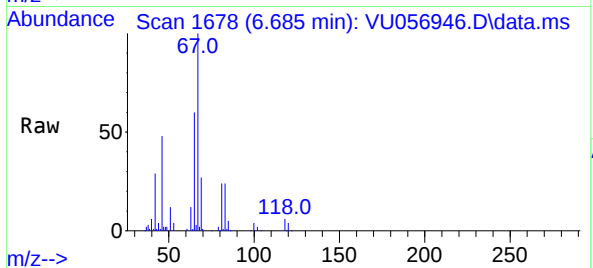
Tgt Ion: 83 Resp: 22206

Ion Ratio Lower Upper

83 100

55 3.8 64.6 97.0#

98 0.4 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056946.D

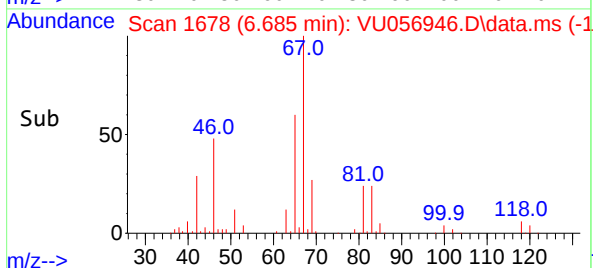
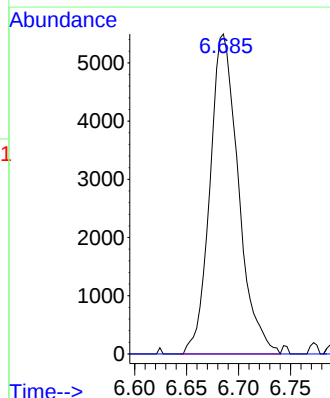
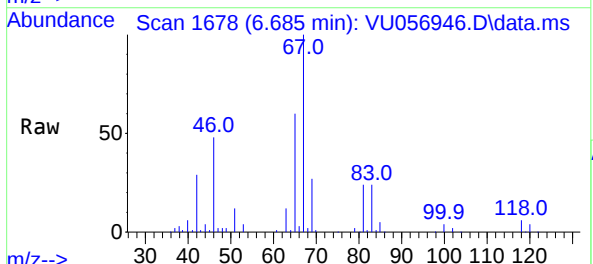
Acq: 16 Dec 2023 23:20

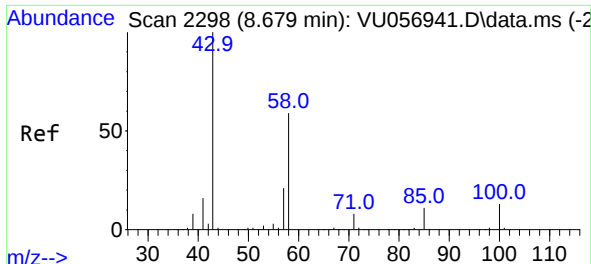
Tgt Ion: 63 Resp: 10487

Ion Ratio Lower Upper

63 100

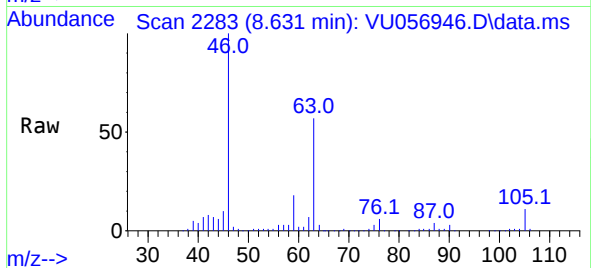
112 0.0 3.3 4.9#



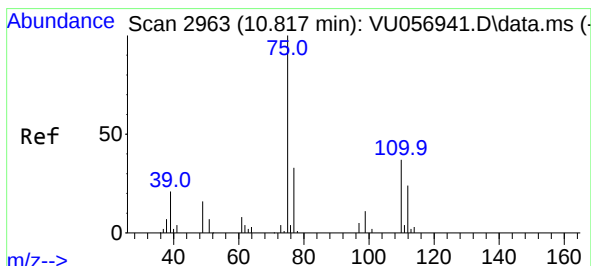
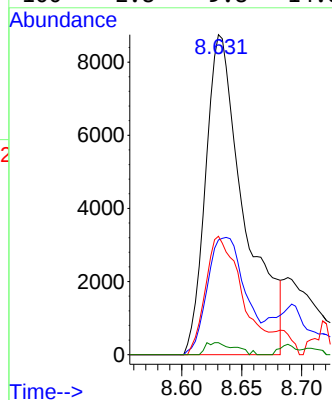
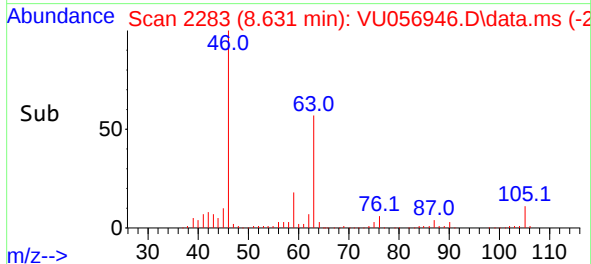


#48
2-Hexanone
Concen: 3.265 ug/L
RT: 8.631 min Scan# 2195
Delta R.T. -0.048 min
Lab File: VU056946.D
Acq: 16 Dec 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :

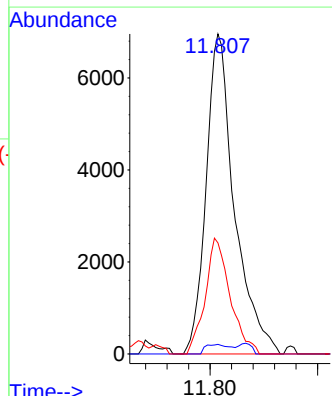
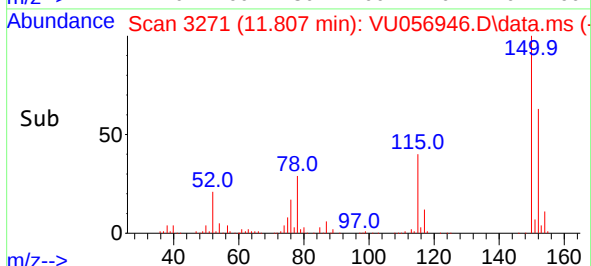
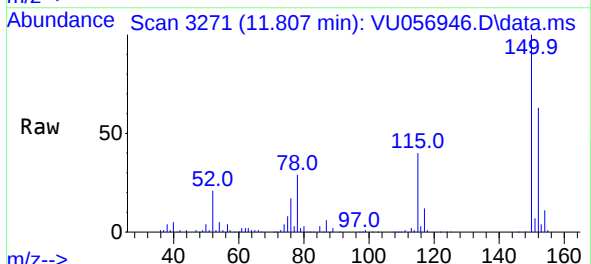


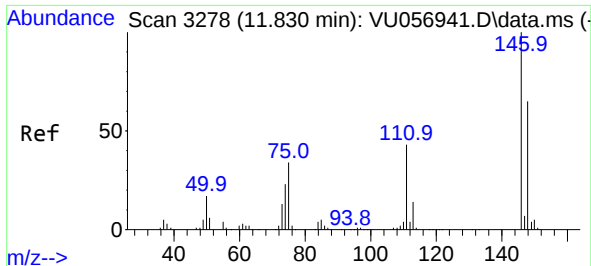
Tgt Ion: 43 Resp: 19588
Ion Ratio Lower Upper
43 100
58 35.7 47.5 71.3#
57 34.7 17.0 25.4#
100 2.8 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 1.371 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056946.D
Acq: 16 Dec 2023 23:20

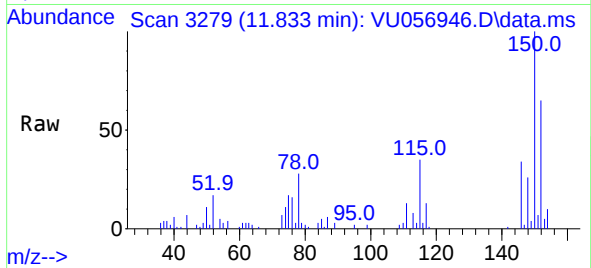
Tgt Ion: 75 Resp: 12709
Ion Ratio Lower Upper
75 100
110 2.6 28.4 42.6#
77 31.8 26.3 39.5



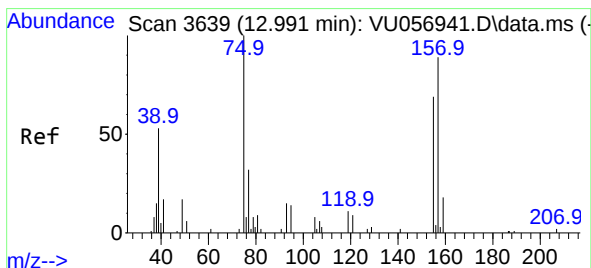
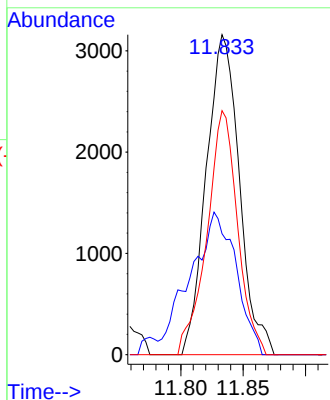
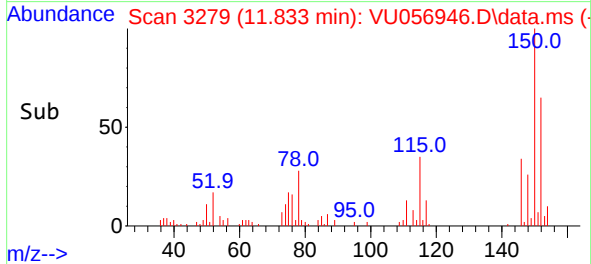


#65
1,4-Dichlorobenzene
Concen: 0.183 ug/L
RT: 11.833 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056946.D
Acq: 16 Dec 2023 23:20

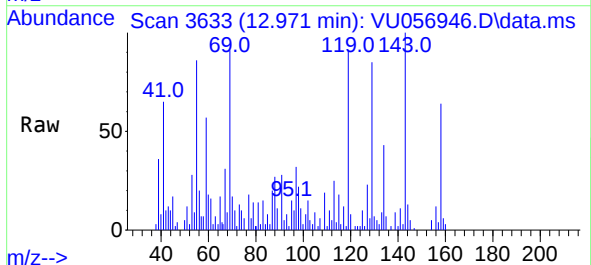
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 5826
Ion Ratio Lower Upper
146 100
111 37.8 31.2 58.0
148 76.3 45.6 84.8



#68
1,2-Dibromo-3-chloropropane
Concen: 0.324 ug/L
RT: 12.971 min Scan# 3633
Delta R.T. -0.019 min
Lab File: VU056946.D
Acq: 16 Dec 2023 23:20



Tgt Ion: 75 Resp: 600
Ion Ratio Lower Upper
75 100
155 0.0 55.4 83.2#
157 76.3 77.3 115.9#

