

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056944.D
 Acq On : 16 Dec 2023 22:31
 Operator : MD/SY
 Sample : 05811-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:03:42 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)

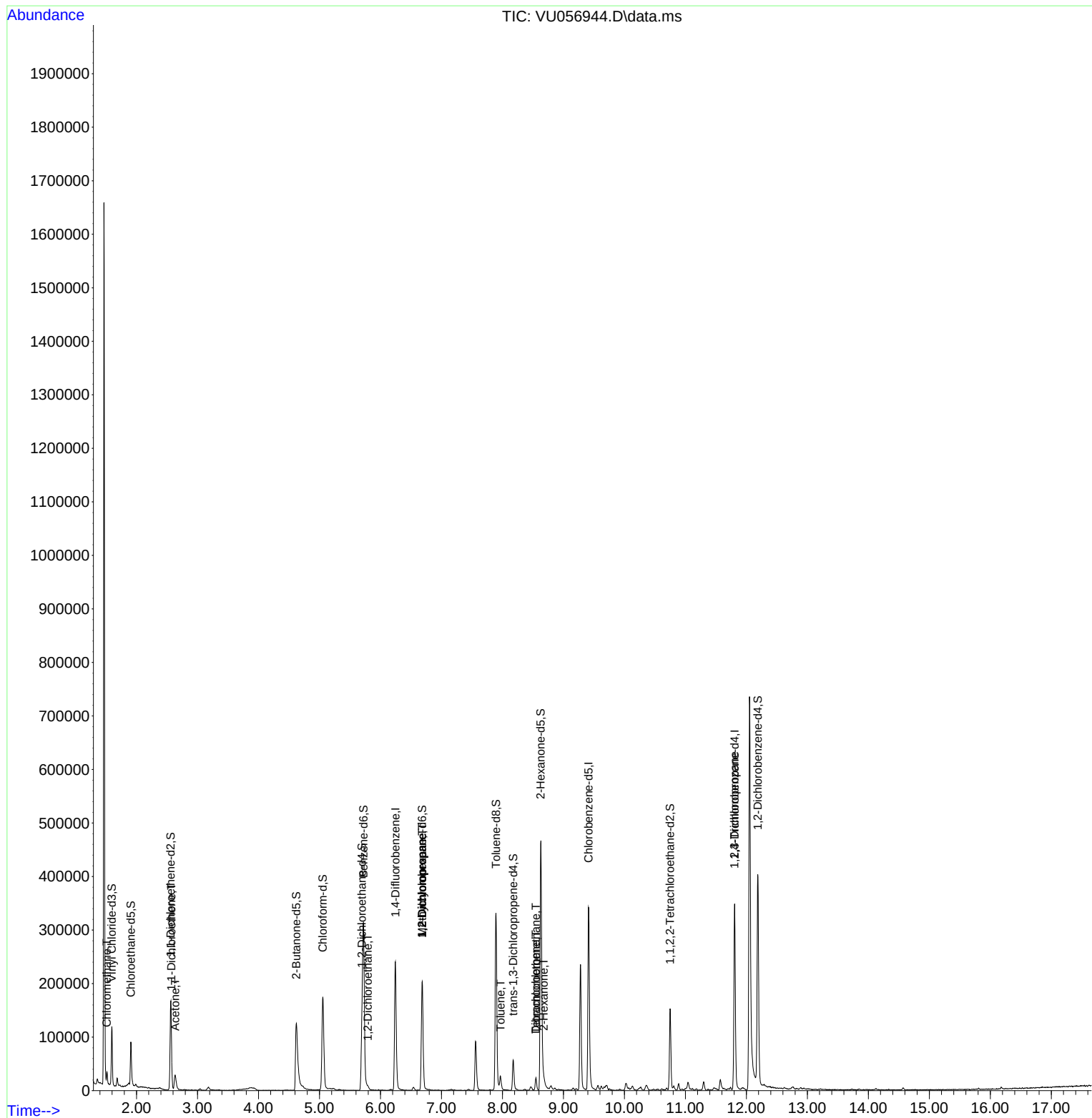
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	196967	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71216	4.218	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.907	69	59170	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.560	65	30371	4.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.621	46	206310	61.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.760%
24) Chloroform-d	5.055	84	168927	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.695	65	83421	5.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.721	84	301076	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.685	67	103342	5.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.894	98	235199	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.177	79	35994	4.791	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.627	63	159520	56.301	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	76346	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	101023	5.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	14982	0.738	ug/L	97
12) 1,1-Dichloroethene	2.573	96	2328	0.146	ug/L #	1
13) Acetone	2.634	43	40928	20.143	ug/L	95
27) 1,2-Dichloroethane	5.791	62	3504	0.181	ug/L #	89
35) Methylcyclohexane	6.685	83	23016	0.811	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11009	0.614	ug/L #	89
42) Toluene	7.968	91	19571	0.270	ug/L	89
47) Tetrachloroethene	8.547	164	4839	0.359	ug/L	96
48) 2-Hexanone	8.679	43	5883	0.970	ug/L #	82
49) Dibromochloromethane	8.550	129	4819	0.346	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	11459	1.170	ug/L #	67

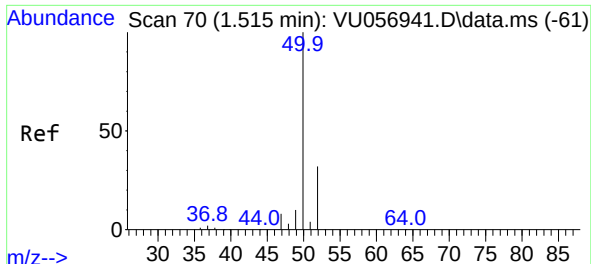
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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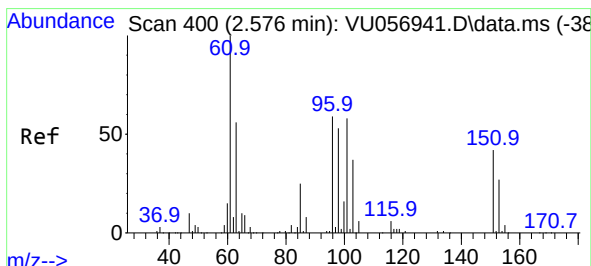
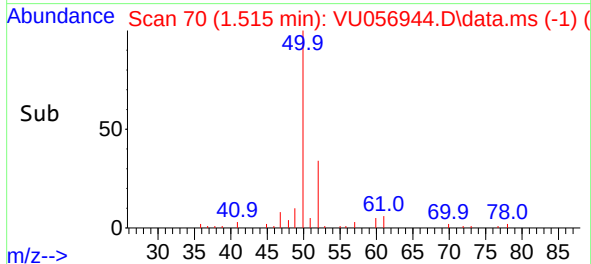
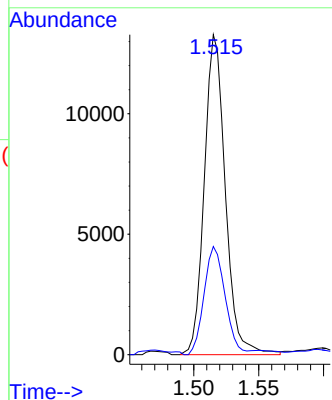
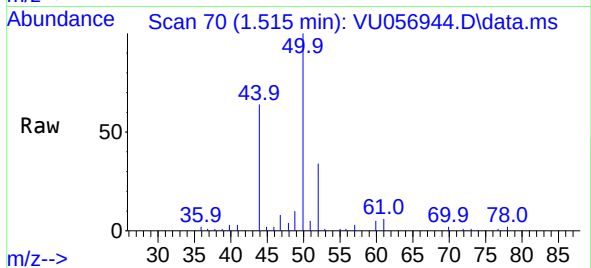




#3
Chloromethane
Concen: 0.738 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056944.D
Acq: 16 Dec 2023 22:31

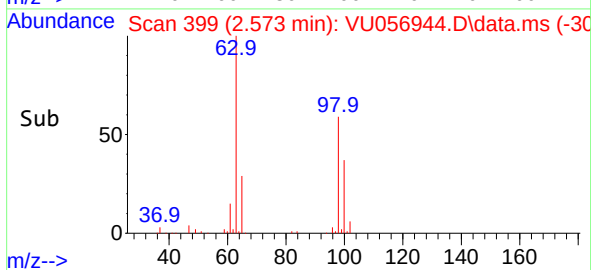
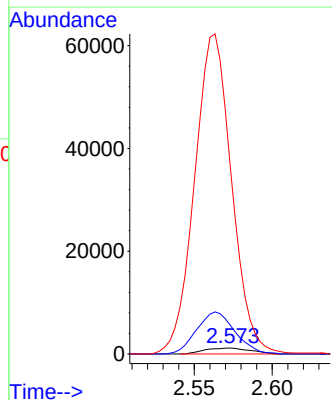
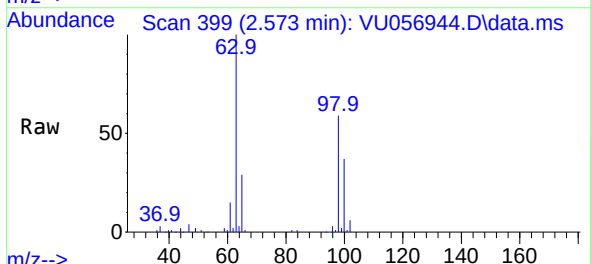
Instrument :
MSVOA_U
ClientSampleId :

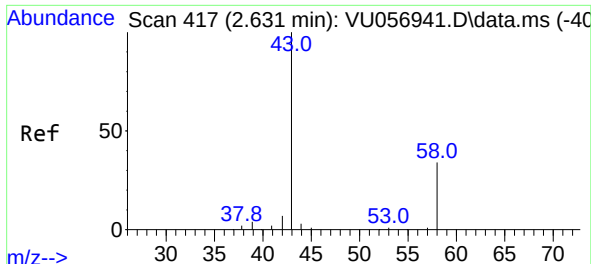
Tgt Ion: 50 Resp: 14982
Ion Ratio Lower Upper
50 100
52 33.8 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.146 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056944.D
Acq: 16 Dec 2023 22:31

Tgt Ion: 96 Resp: 2328
Ion Ratio Lower Upper
96 100
61 490.4 119.0 221.0#
63 3202.8 88.7 164.7#





#13

Acetone

Concen: 20.143 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU056944.D

Acq: 16 Dec 2023 22:31

Instrument :

MSVOA_U

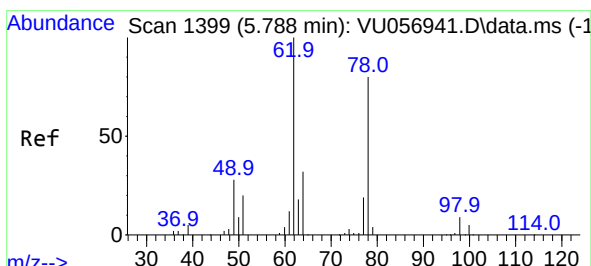
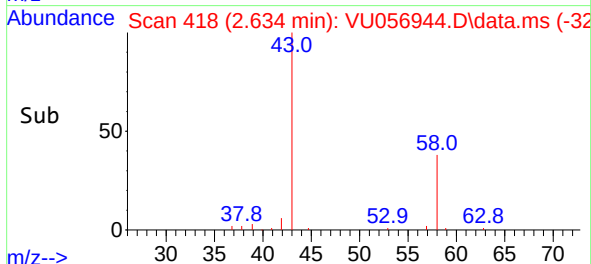
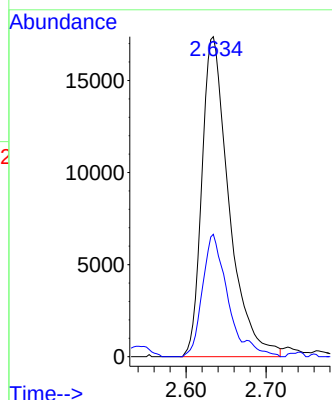
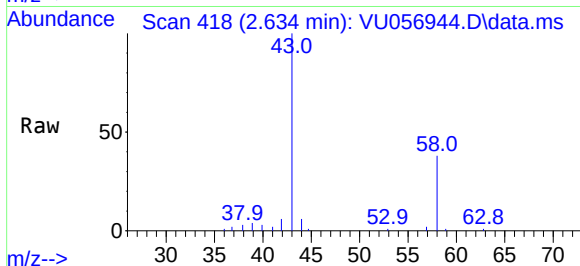
ClientSampleId :

Tgt Ion: 43 Resp: 40928

Ion Ratio Lower Upper

43 100

58 33.6 0.0 72.6



#27

1,2-Dichloroethane

Concen: 0.181 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU056944.D

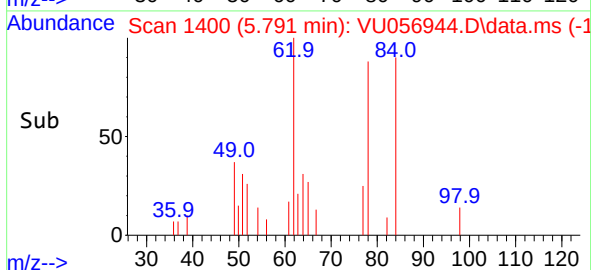
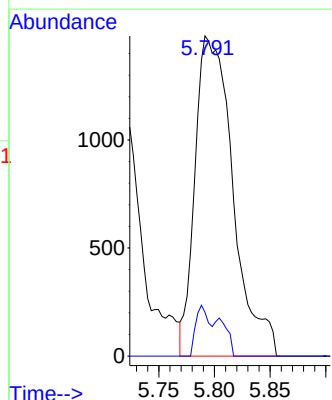
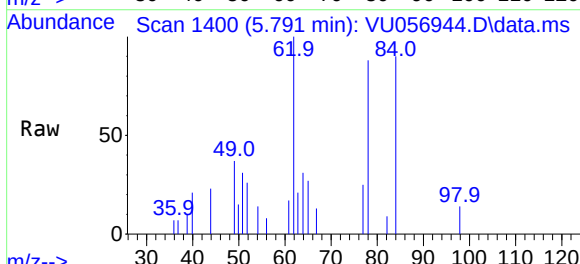
Acq: 16 Dec 2023 22:31

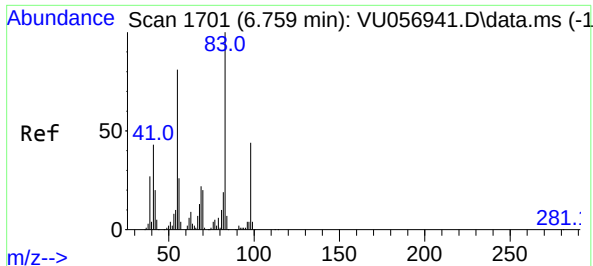
Tgt Ion: 62 Resp: 3504

Ion Ratio Lower Upper

62 100

98 13.6 7.8 11.6#





#35

Methylcyclohexane

Concen: 0.811 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056944.D

Acq: 16 Dec 2023 22:31

Instrument :

MSVOA_U

ClientSampleId :

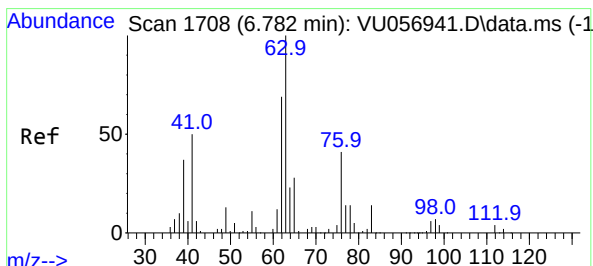
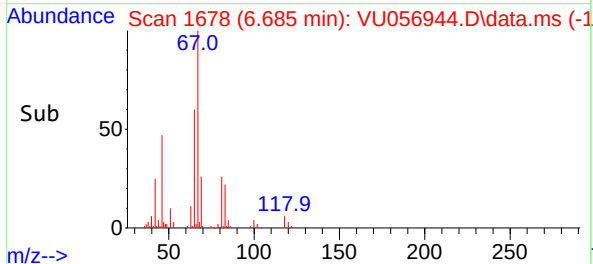
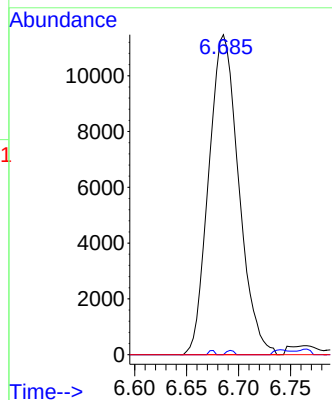
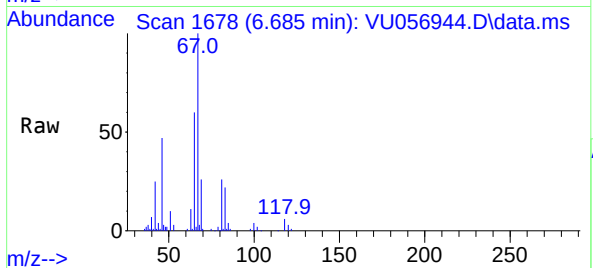
Tgt Ion: 83 Resp: 23016

Ion Ratio Lower Upper

83 100

55 0.3 64.6 97.0#

98 0.0 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056944.D

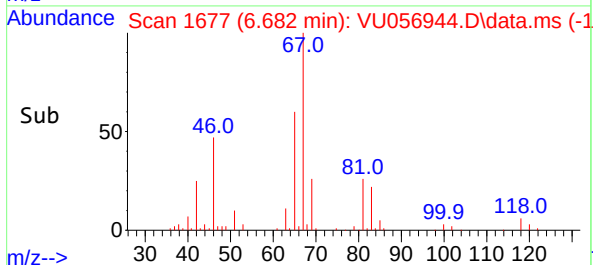
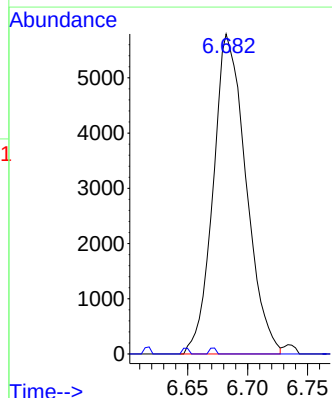
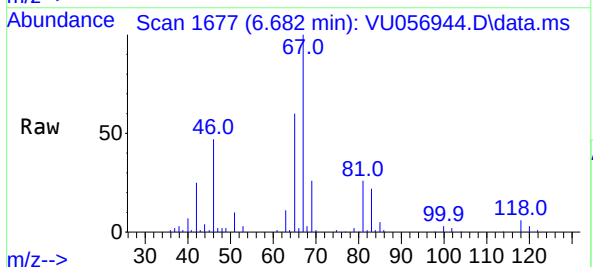
Acq: 16 Dec 2023 22:31

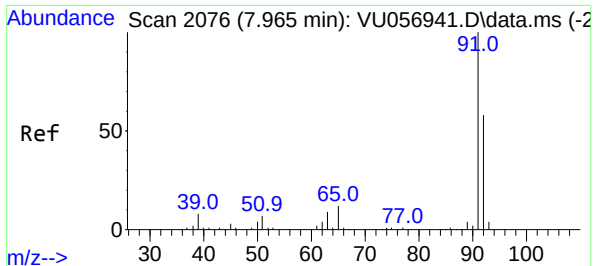
Tgt Ion: 63 Resp: 11009

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#

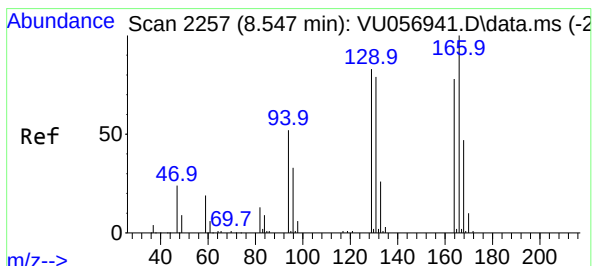
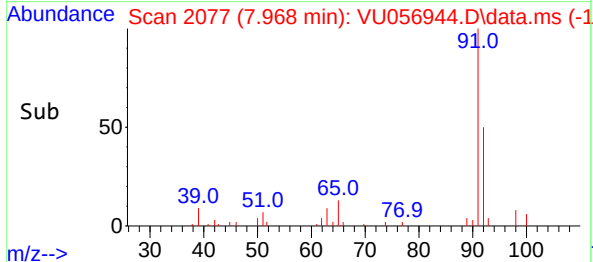
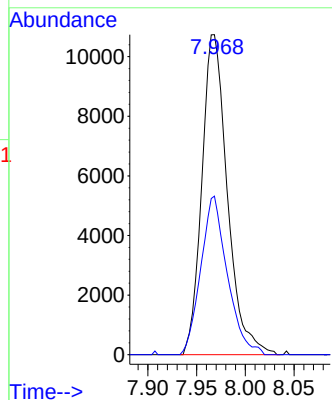
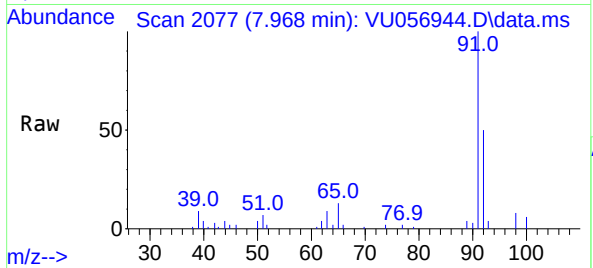




#42
Toluene
Concen: 0.270 ug/L
RT: 7.968 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU056944.D
Acq: 16 Dec 2023 22:31

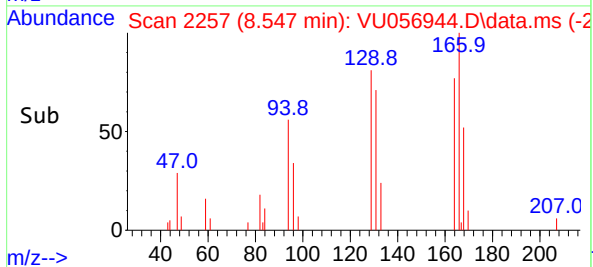
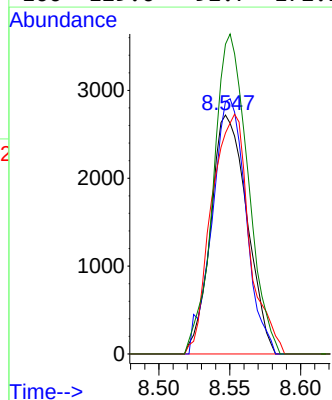
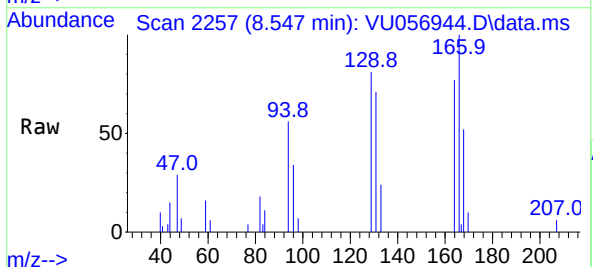
Instrument :
MSVOA_U
ClientSampleId :

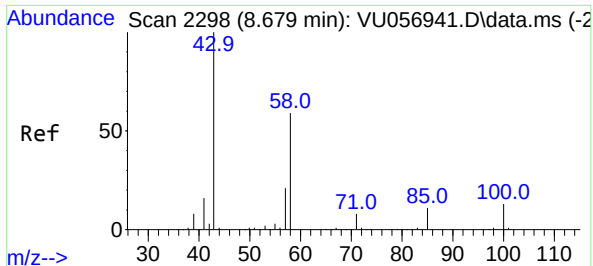
Tgt Ion: 91 Resp: 19571
Ion Ratio Lower Upper
91 100
92 49.6 40.4 75.0



#47
Tetrachloroethene
Concen: 0.359 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056944.D
Acq: 16 Dec 2023 22:31

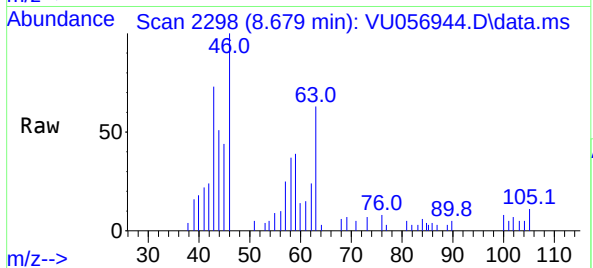
Tgt Ion: 164 Resp: 4839
Ion Ratio Lower Upper
164 100
129 105.6 73.4 136.4
131 92.5 71.5 132.9
166 129.6 92.7 172.1



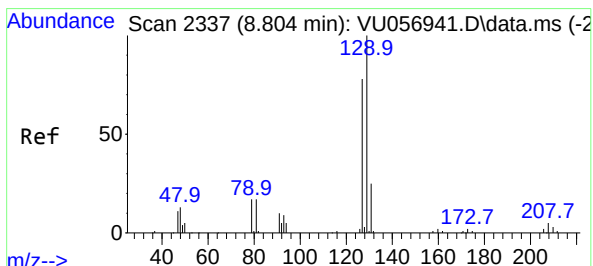
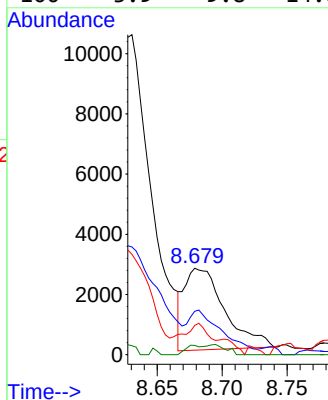
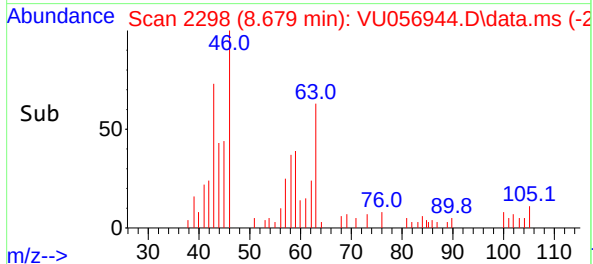


#48
2-Hexanone
Concen: 0.970 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056944.D
Acq: 16 Dec 2023 22:31

Instrument :
MSVOA_U
ClientSampleId :

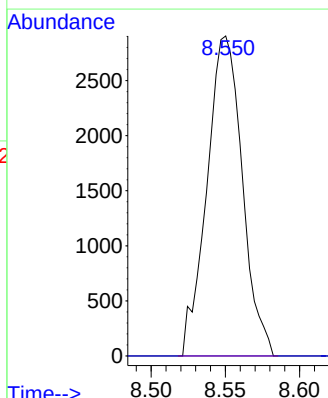
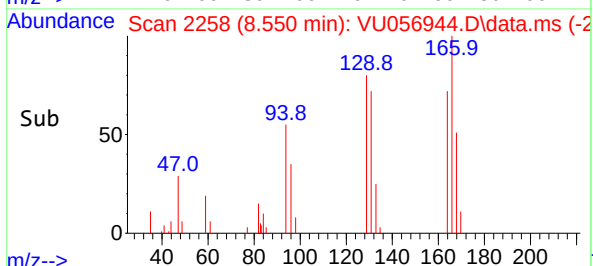
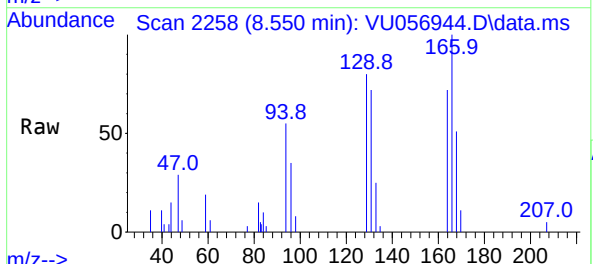


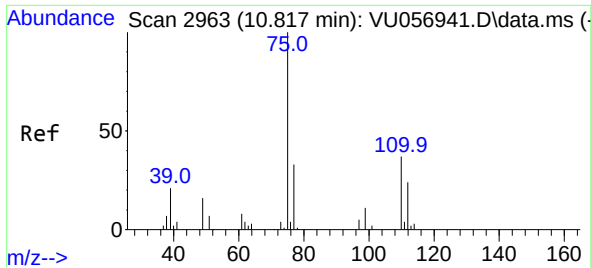
Tgt Ion: 43 Resp: 5883
Ion Ratio Lower Upper
43 100
58 46.7 47.5 71.3#
57 11.4 17.0 25.4#
100 3.9 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.346 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056944.D
Acq: 16 Dec 2023 22:31

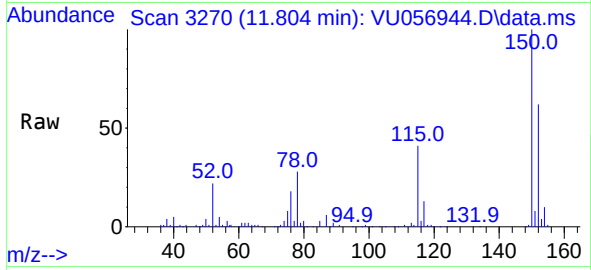
Tgt Ion: 129 Resp: 4819
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.170 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056944.D
 Acq: 16 Dec 2023 22:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11459
 Ion Ratio Lower Upper
 75 100
 110 1.2 28.4 42.6#
 77 36.1 26.3 39.5

