

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056947.D
 Acq On : 17 Dec 2023 01:27
 Operator : MD/SY
 Sample : 05811-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 02:58:24 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)

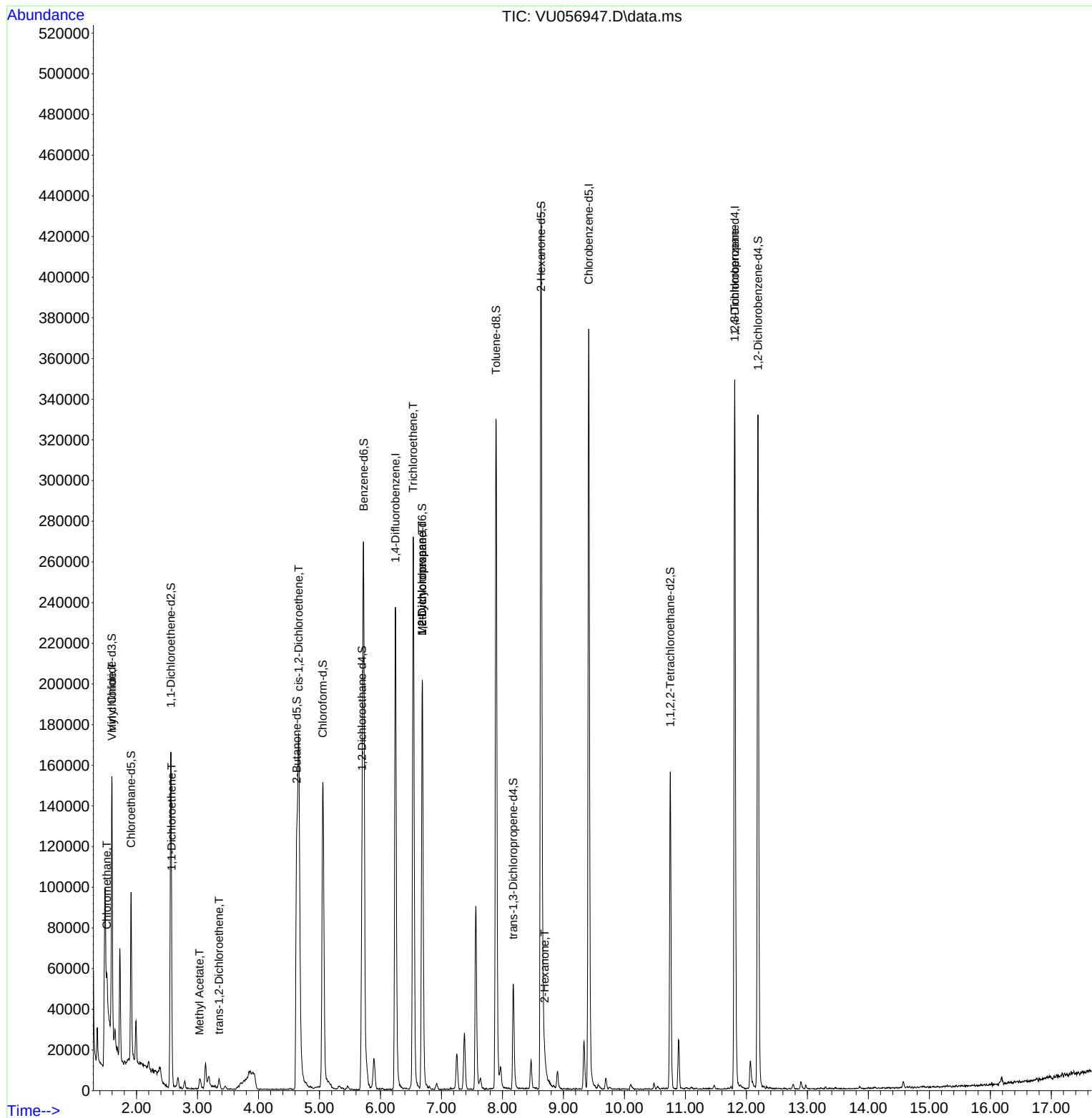
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	190764	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	219921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	98077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	69427	4.246	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.000%	
7) Chloroethane-d5	1.911	69	60655	4.957	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.563	65	31948	4.567	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	4.628	46	205114	63.518	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.040%	
24) Chloroform-d	5.055	84	147553	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	5.698	65	71544	4.883	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.724	84	256383	3.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
36) 1,2-Dichloropropane-d6	6.685	67	101665	4.762	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.894	98	231159	3.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	8.177	79	33477	4.043	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.634	63	156344	50.065	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.140%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79100	5.121	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	89655	4.650	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.000%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	8000	0.407	ug/L	100
5) Vinyl chloride	1.599	62	6530	0.335	ug/L #	1
12) 1,1-Dichloroethene	2.576	96	3304	0.213	ug/L #	1
15) Methyl Acetate	3.033	43	1610	0.301	ug/L #	49
18) trans-1,2-Dichloroethene	3.354	96	1989	0.127	ug/L	78
22) cis-1,2-Dichloroethene	4.660	96	72284	4.231	ug/L	96
34) Trichloroethene	6.537	95	97714	4.609	ug/L	97
35) Methylcyclohexane	6.685	83	23710	0.758	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10988	0.556	ug/L #	90
48) 2-Hexanone	8.692	43	5075	0.759	ug/L #	44
61) 1,2,3-Trichloropropane	11.807	75	11795	1.120	ug/L #	69

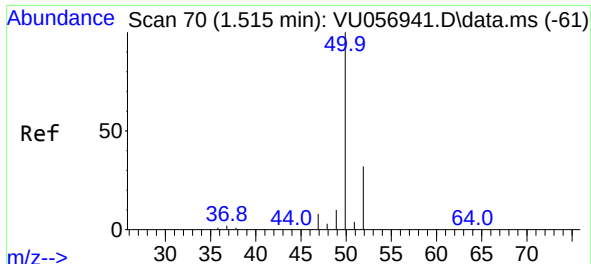
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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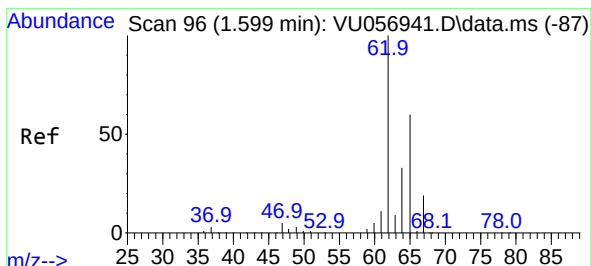
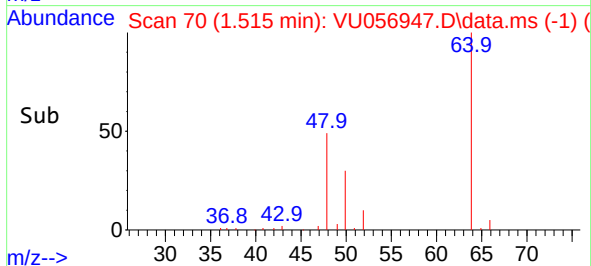
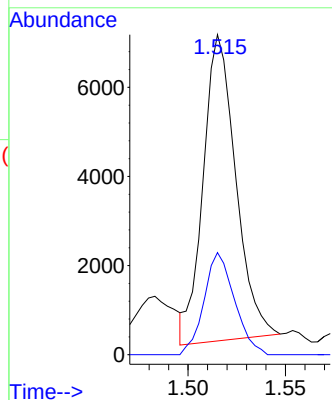
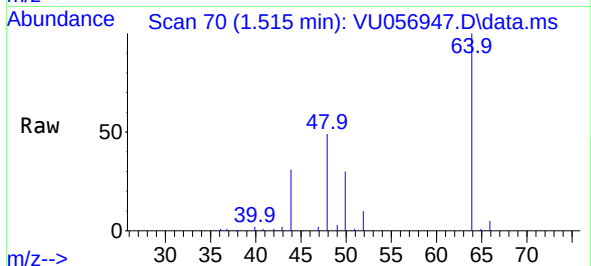




#3
Chloromethane
Concen: 0.407 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

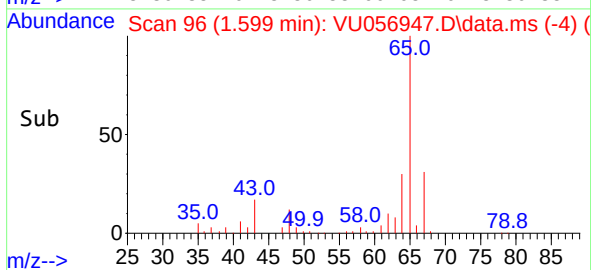
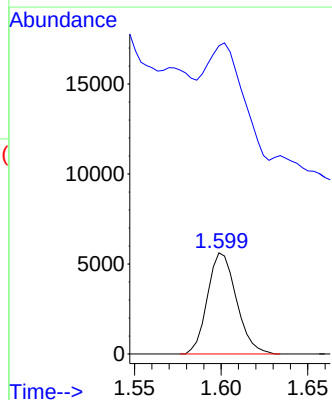
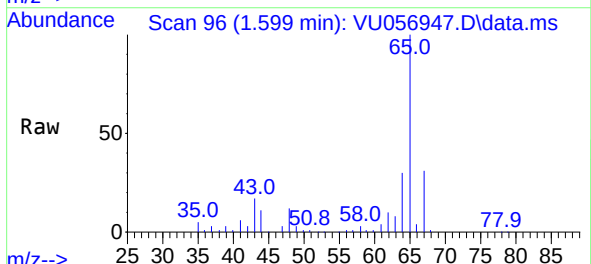
Instrument :
MSVOA_U
ClientSampleId :

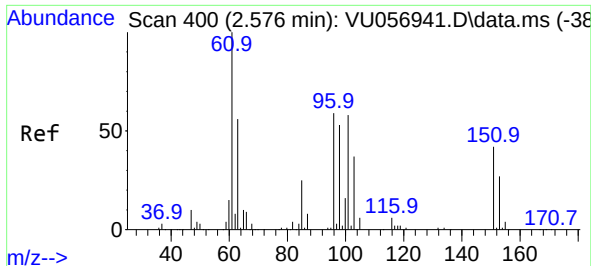
Tgt Ion: 50 Resp: 8000
Ion Ratio Lower Upper
50 100
52 31.9 22.5 41.7



#5
Vinyl chloride
Concen: 0.335 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

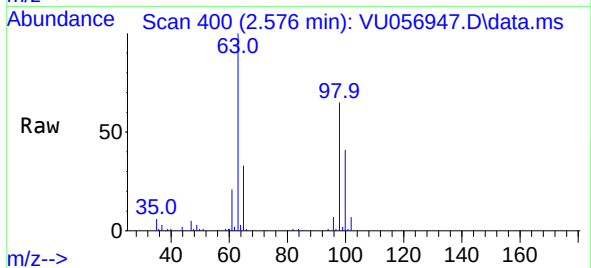
Tgt Ion: 62 Resp: 6530
Ion Ratio Lower Upper
62 100
64 304.7 22.8 42.4#



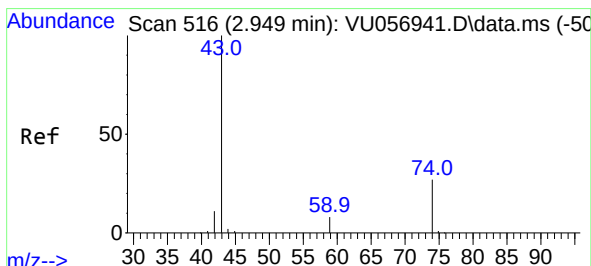
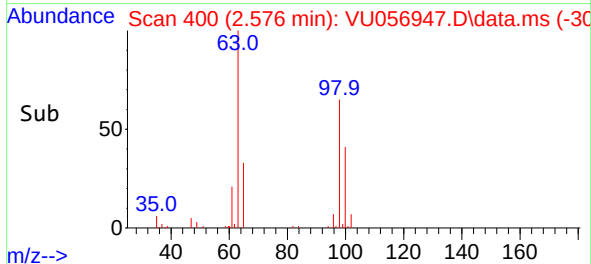
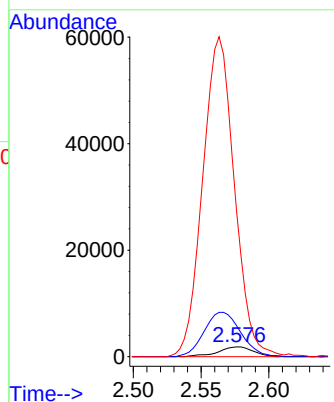


#12
1,1-Dichloroethene
Concen: 0.213 ug/L
RT: 2.576 min Scan# 40
Delta R.T. -0.000 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

Instrument :
MSVOA_U
ClientSampleId :

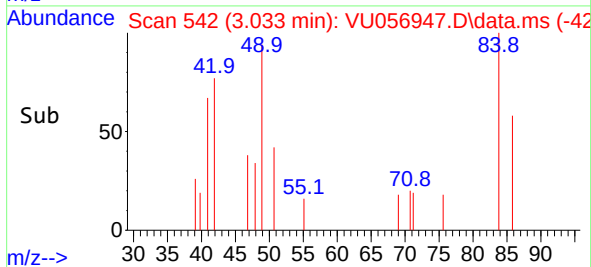
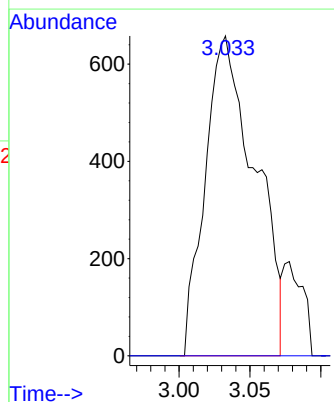
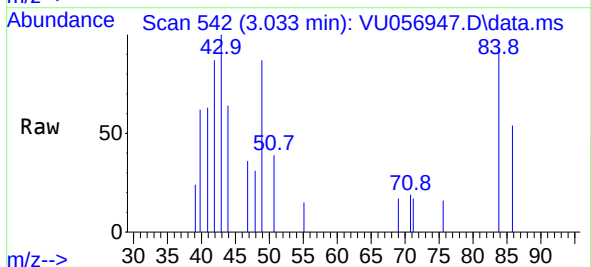


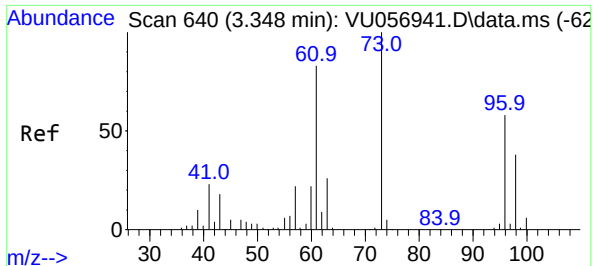
Tgt Ion: 96 Resp: 3304
Ion Ratio Lower Upper
96 100
61 271.8 119.0 221.0#
63 1278.9 88.7 164.7#



#15
Methyl Acetate
Concen: 0.301 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.087 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

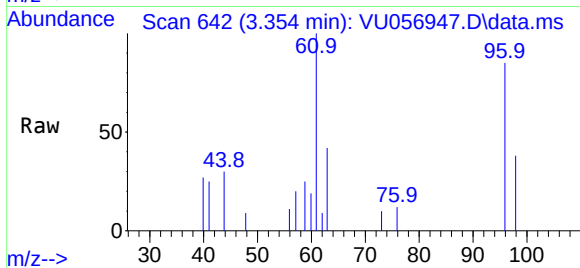
Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#



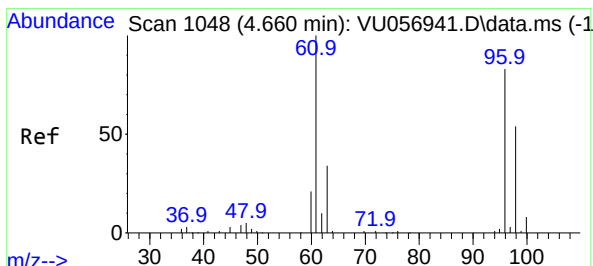
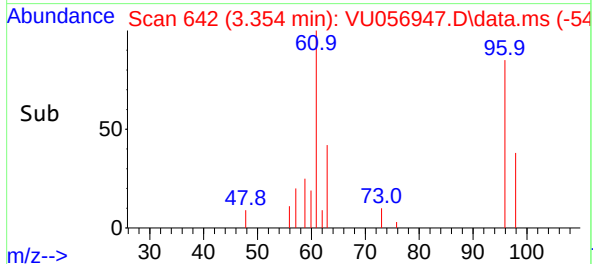
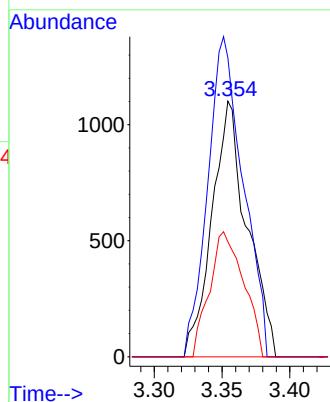


#18
trans-1,2-Dichloroethene
Concen: 0.127 ug/L
RT: 3.354 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

Instrument :
MSVOA_U
ClientSampleId :

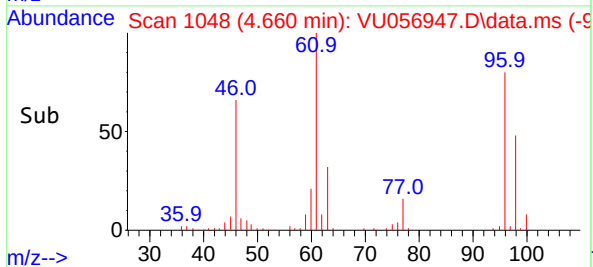
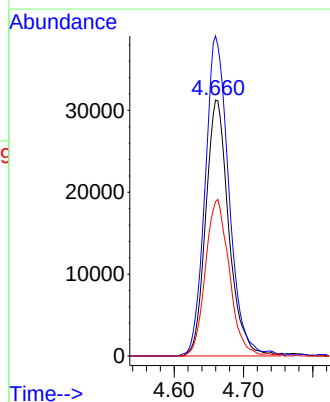
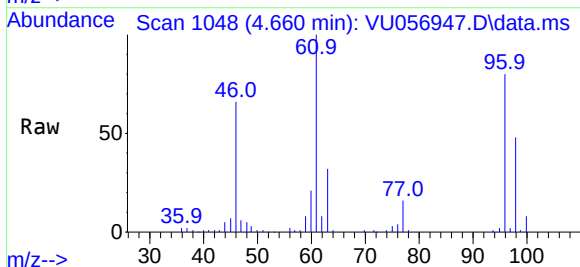


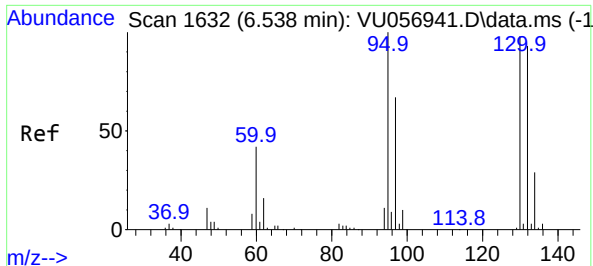
Tgt Ion: 96 Resp: 1989
Ion Ratio Lower Upper
96 100
61 117.0 101.8 189.0
98 45.0 43.0 79.8



#22
cis-1,2-Dichloroethene
Concen: 4.231 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

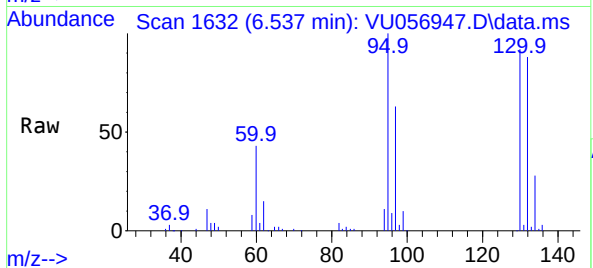
Tgt Ion: 96 Resp: 72284
Ion Ratio Lower Upper
96 100
61 125.1 91.3 169.6
98 60.3 44.2 82.0



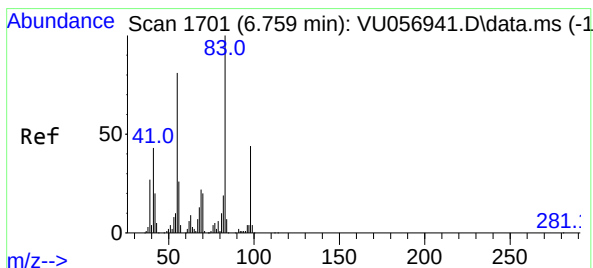
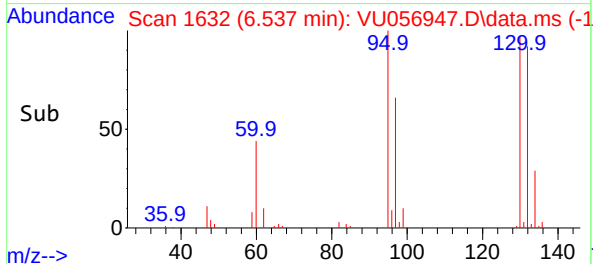
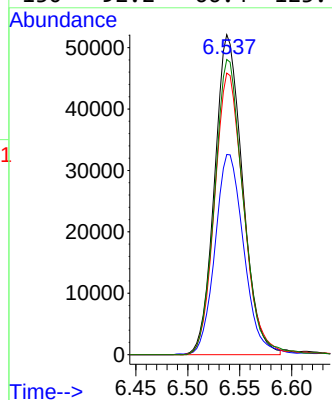


#34
Trichloroethene
Concen: 4.609 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

Instrument :
MSVOA_U
ClientSampleId :

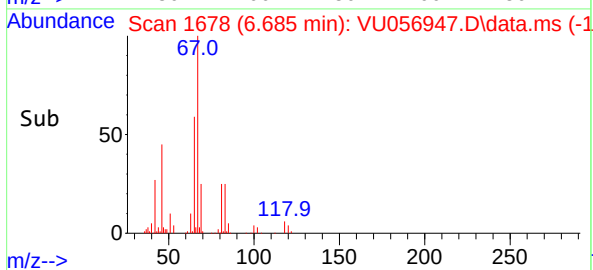
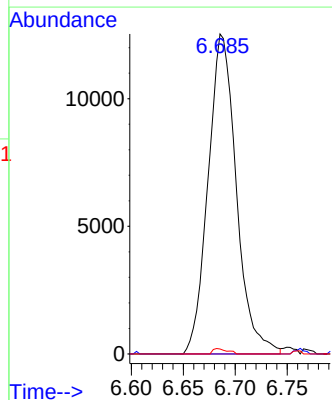
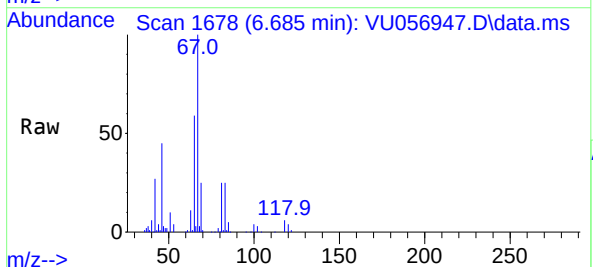


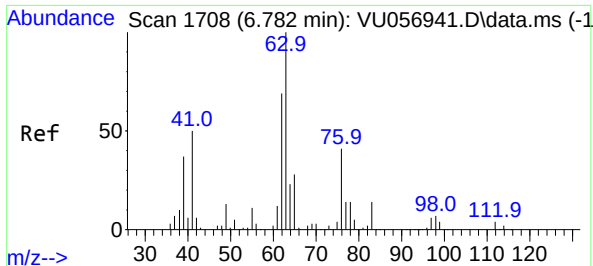
Tgt Ion: 95 Resp: 97714
Ion Ratio Lower Upper
95 100
97 62.6 46.1 85.5
132 88.0 63.6 118.0
130 92.2 66.4 123.4



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

Tgt Ion: 83 Resp: 23710
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.9 36.1 54.1#

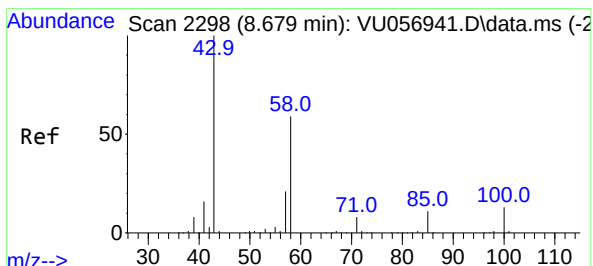
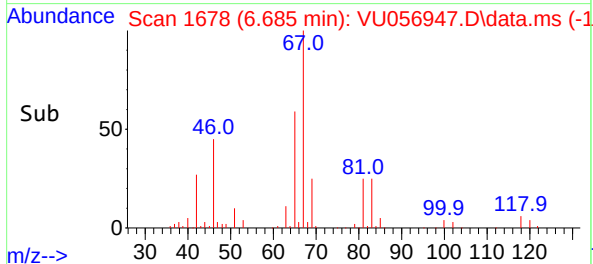
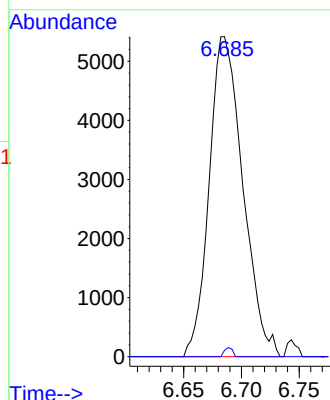
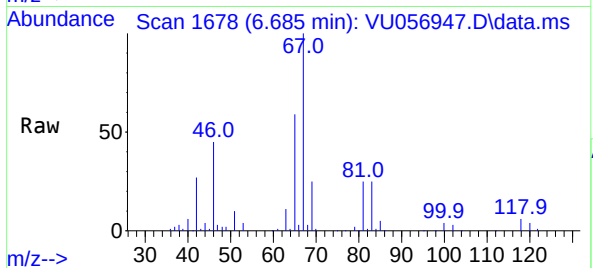




#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

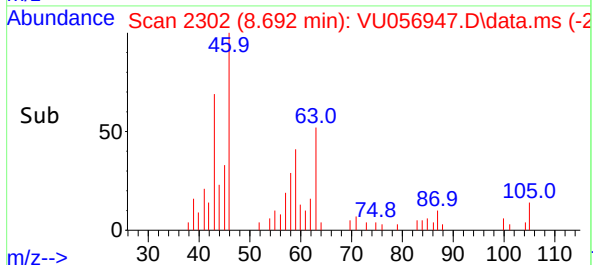
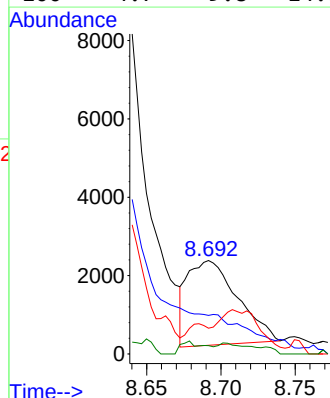
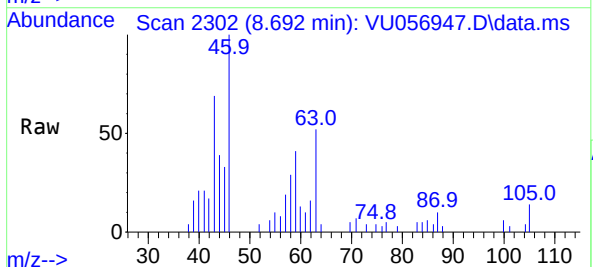
Instrument :
MSVOA_U
ClientSampleId :

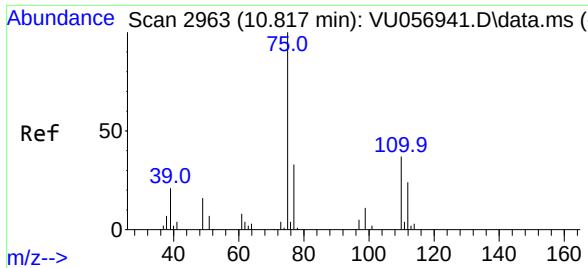
Tgt Ion: 63 Resp: 10988
Ion Ratio Lower Upper
63 100
112 0.7 3.3 4.9#



#48
2-Hexanone
Concen: 0.759 ug/L
RT: 8.692 min Scan# 2302
Delta R.T. 0.013 min
Lab File: VU056947.D
Acq: 17 Dec 2023 01:27

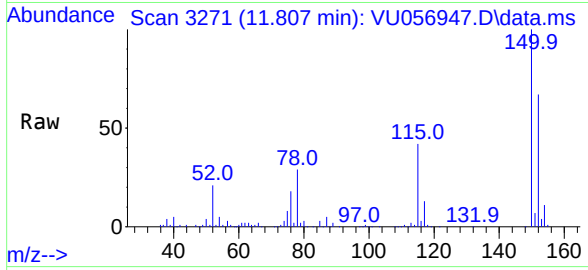
Tgt Ion: 43 Resp: 5075
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 15.4 17.0 25.4#
100 4.7 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.120 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056947.D
 Acq: 17 Dec 2023 01:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11795

Ion	Ratio	Lower	Upper
75	100		
110	2.2	28.4	42.6#
77	30.8	26.3	39.5

