

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055175.D
 Acq On : 07 Sep 2023 05:48
 Operator : MD/SY
 Sample : 04267-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 15:40:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

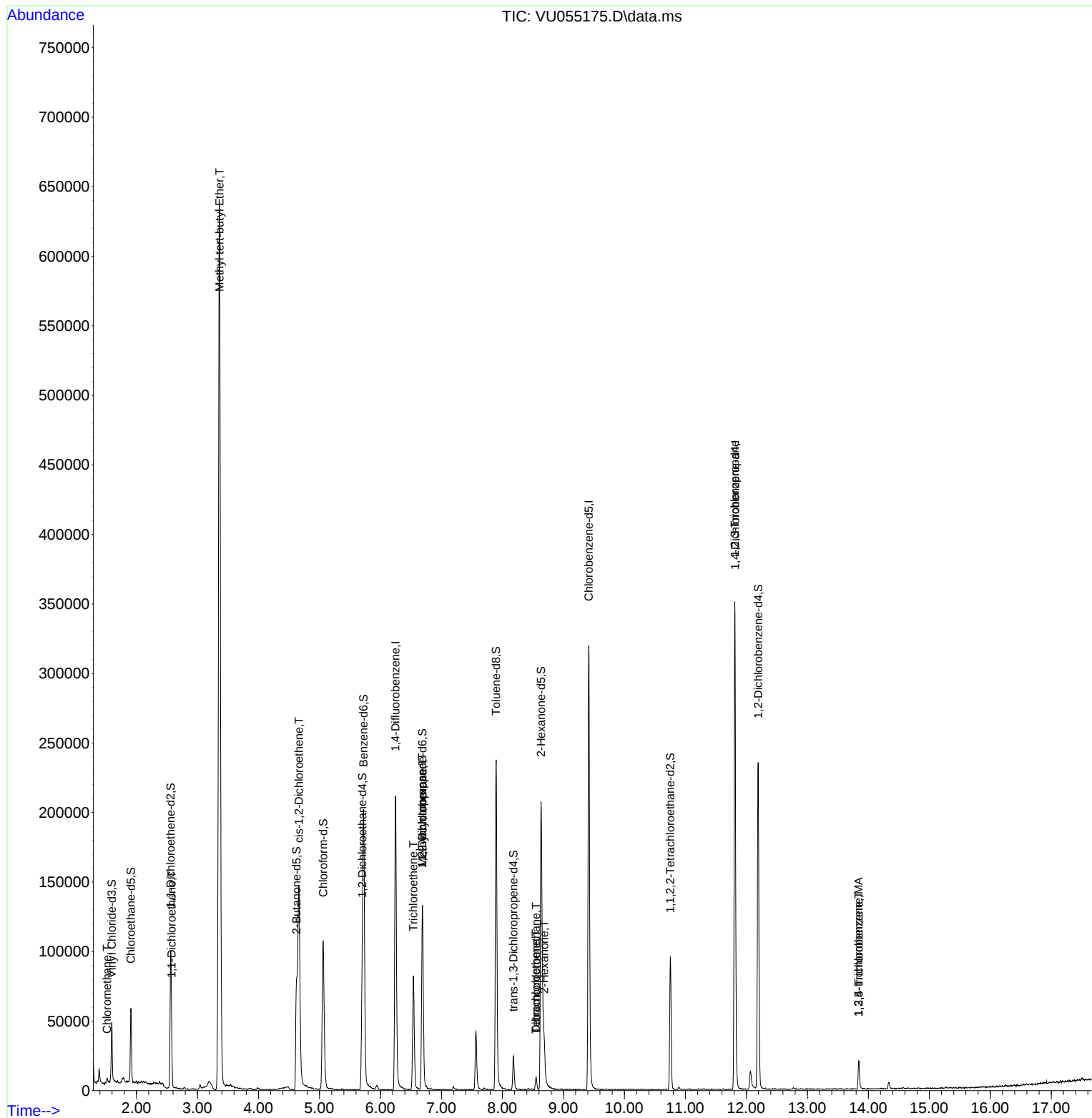
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	168052	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	89683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29004	3.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.907	69	37044	4.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	18690	4.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.624	46	117185	51.270	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.540%
24) Chloroform-d	5.062	84	96761	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.702	65	49691	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.724	84	188287	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.689	67	63234	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.898	98	160387	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.181	79	14117	3.751	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.634	63	66616	43.598	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	46611	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	58279	4.452	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
3) Chloromethane	1.518	50	2664	0.268	ug/L	98
12) 1,1-Dichloroethene	2.576	96	3111	0.400	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	699621	34.335	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	66619	6.904	ug/L	93
34) Trichloroethene	6.541	95	26222	2.547	ug/L	95
35) Methylcyclohexane	6.692	83	14405	0.997	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	6909	0.685	ug/L #	88
47) Tetrachloroethene	8.550	164	1940	0.273	ug/L	91
48) 2-Hexanone	8.685	43	17916	3.975	ug/L #	89
49) Dibromochloromethane	8.553	129	1872	0.252	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	12422	2.087	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.843	180	6362	0.419	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	6362	0.447	ug/L	98

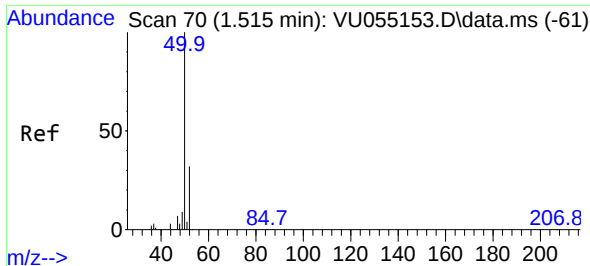
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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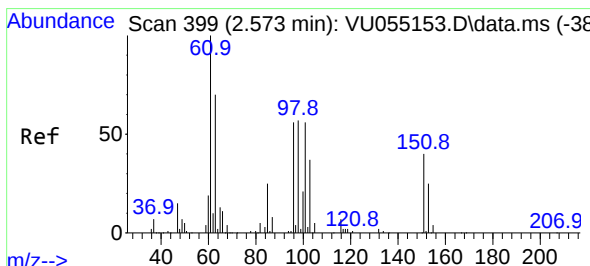
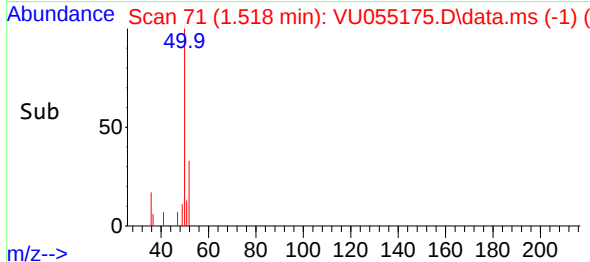
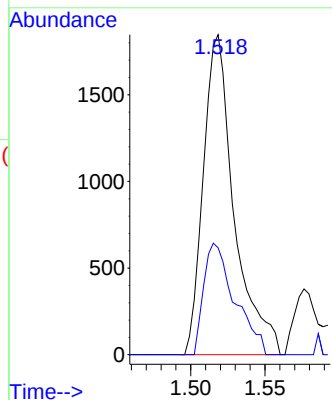
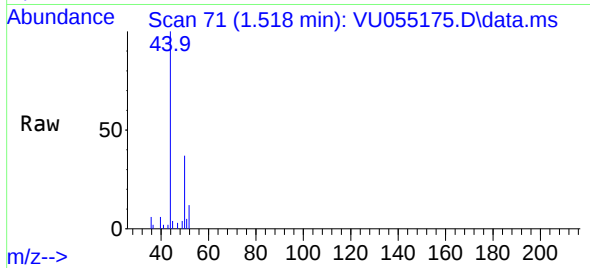




#3
Chloromethane
Concen: 0.268 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

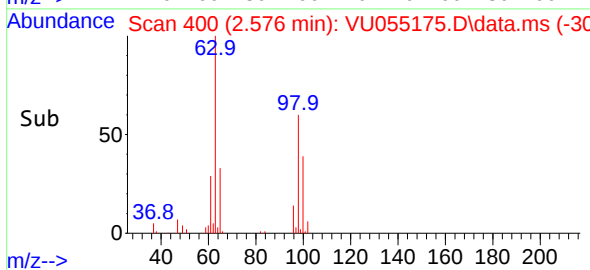
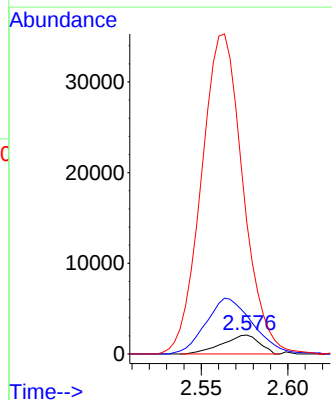
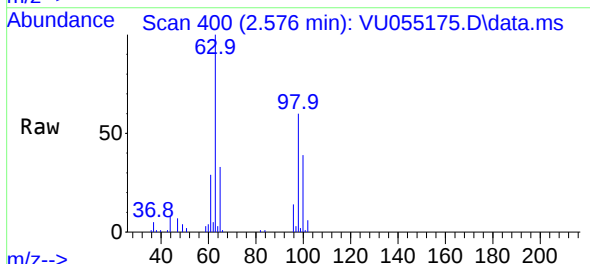
Instrument :
MSVOA_U
ClientSampleId :

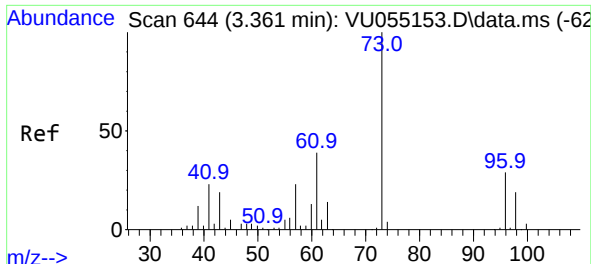
Tgt Ion: 50 Resp: 2664
Ion Ratio Lower Upper
50 100
52 33.4 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.400 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

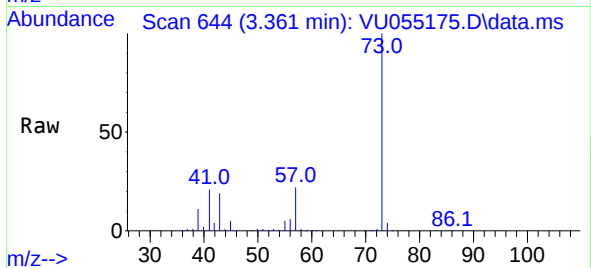
Tgt Ion: 96 Resp: 3111
Ion Ratio Lower Upper
96 100
61 204.3 120.8 224.4
63 700.8 94.5 175.5#



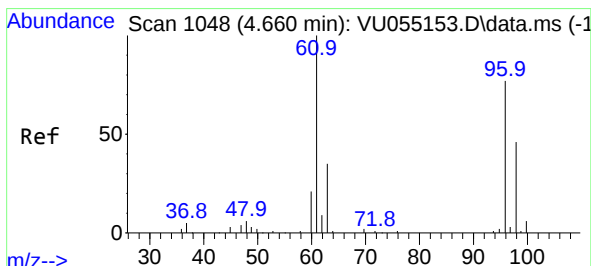
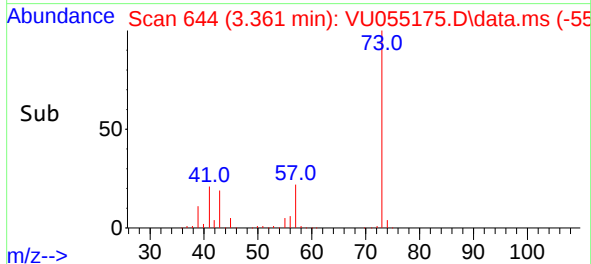
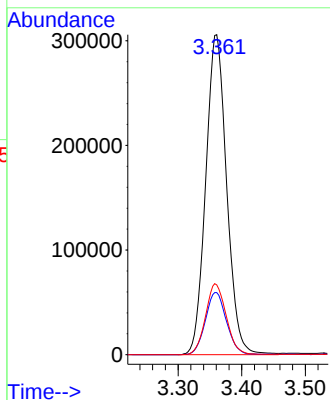


#17
Methyl tert-butyl Ether
Concen: 34.335 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Instrument :
MSVOA_U
ClientSampleId :

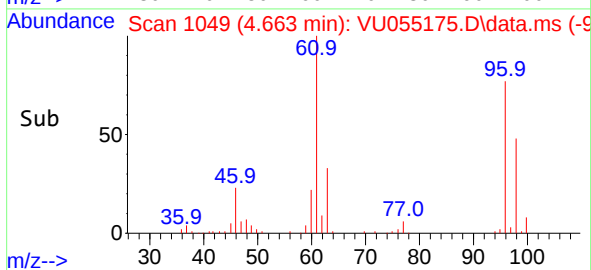
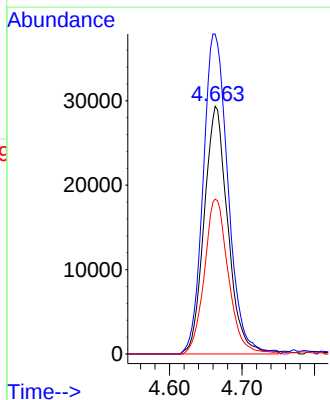
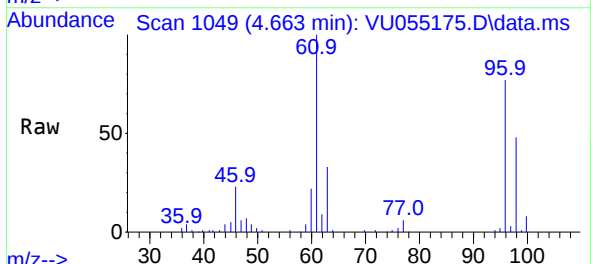


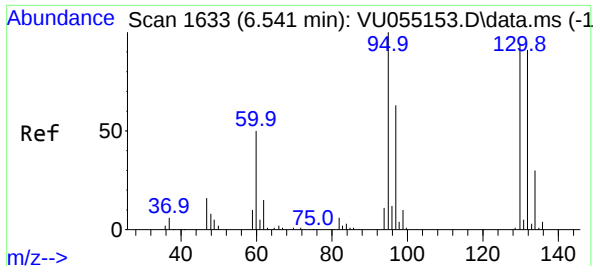
Tgt Ion: 73 Resp: 699621
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.2
57 21.9 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 6.904 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

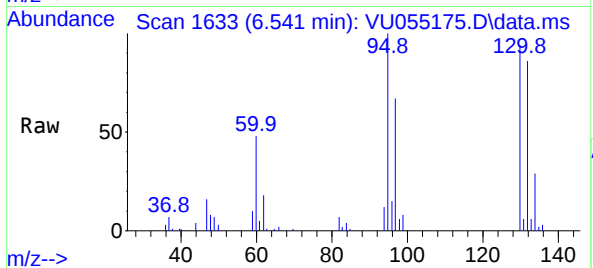
Tgt Ion: 96 Resp: 66619
Ion Ratio Lower Upper
96 100
61 129.1 97.2 180.4
98 62.5 46.1 85.7





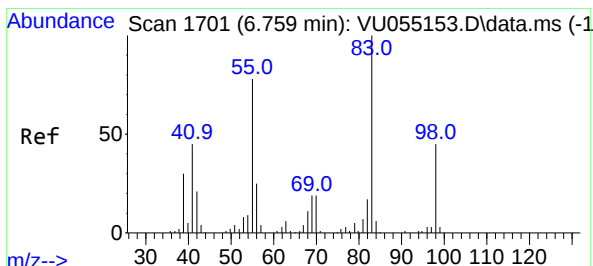
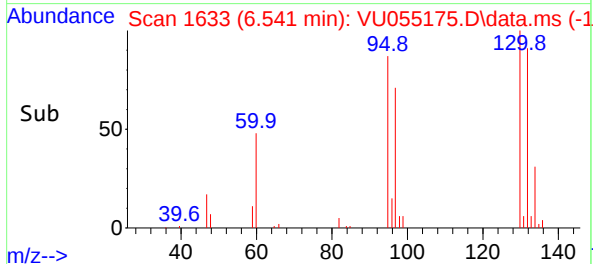
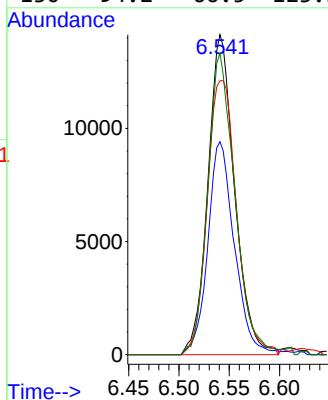
#34
Trichloroethene
Concen: 2.547 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 26222

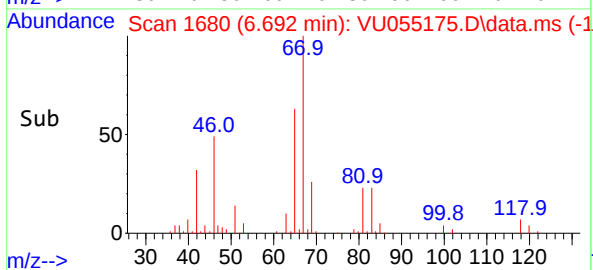
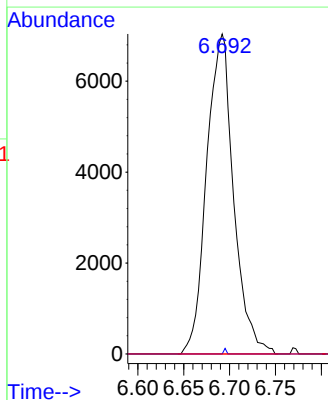
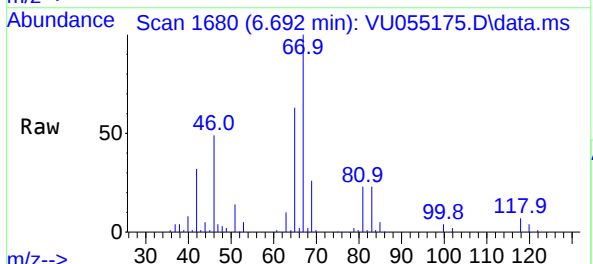
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.7	83.1
132	85.6	66.6	123.6
130	94.2	66.5	123.5

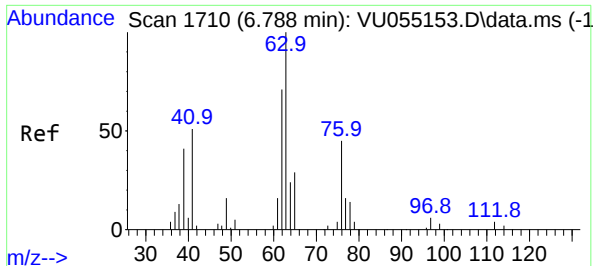


#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.067 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Tgt Ion: 83 Resp: 14405

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	0.0	35.3	52.9#

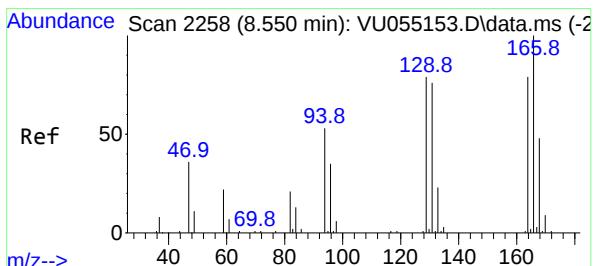
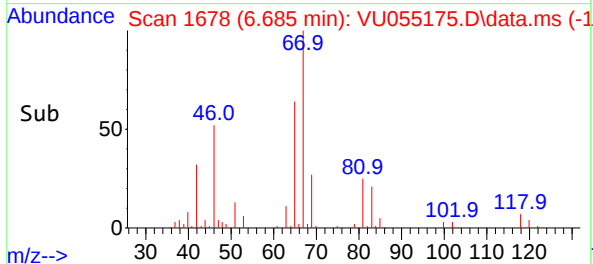
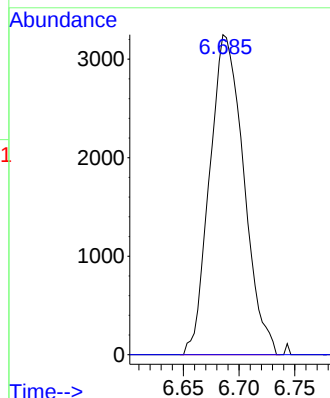
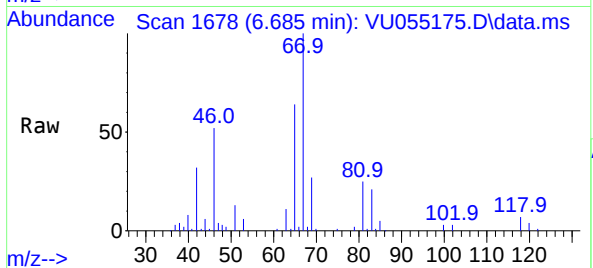




#37
1,2-Dichloropropane
Concen: 0.685 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

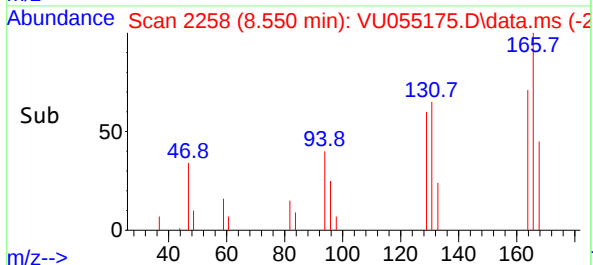
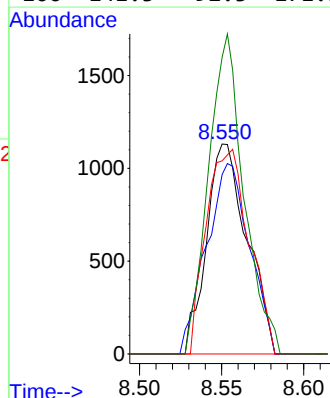
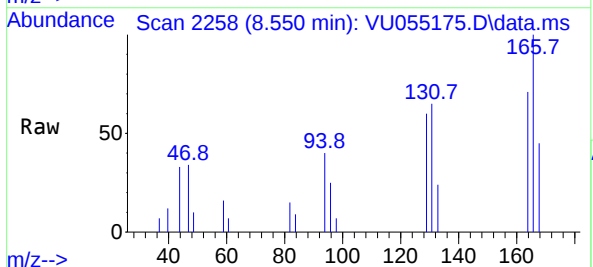
Instrument :
MSVOA_U
ClientSampleId :

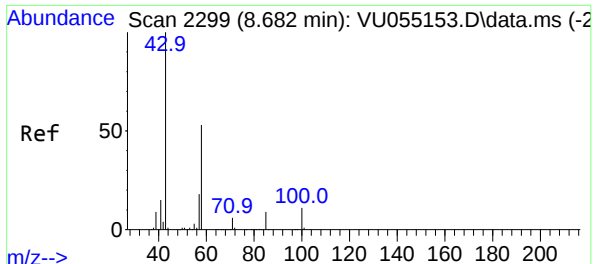
Tgt Ion: 63 Resp: 6909
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.273 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

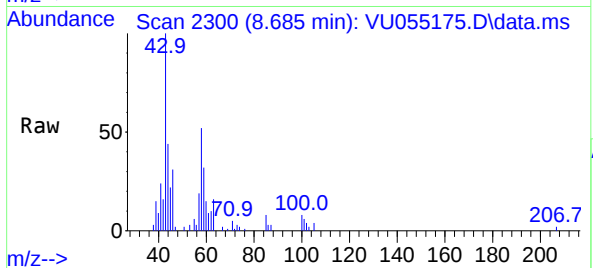
Tgt Ion:164 Resp: 1940
Ion Ratio Lower Upper
164 100
129 85.4 69.2 128.6
131 92.0 68.8 127.8
166 141.3 92.3 171.5



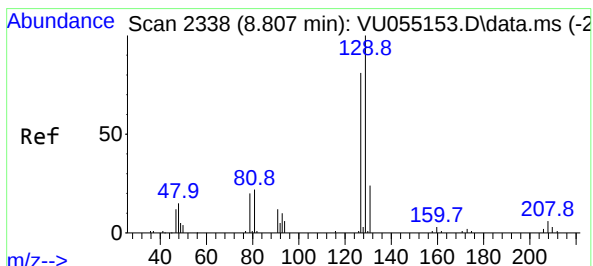
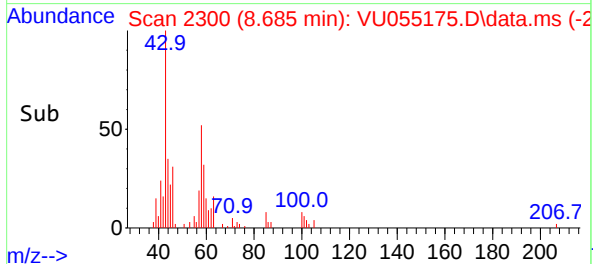
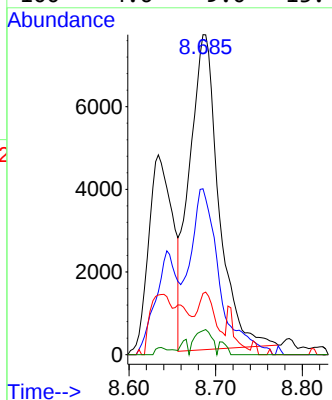


#48
2-Hexanone
Concen: 3.975 ug/L
RT: 8.685 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Instrument :
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ClientSampleId :

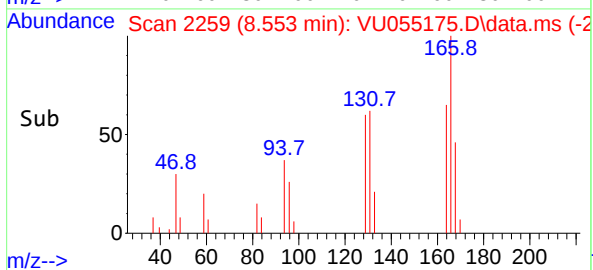
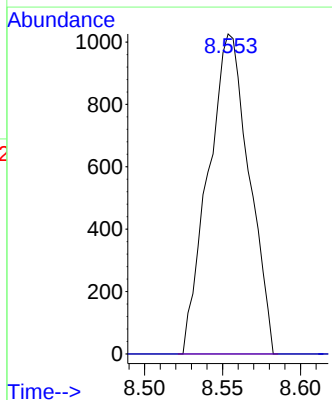
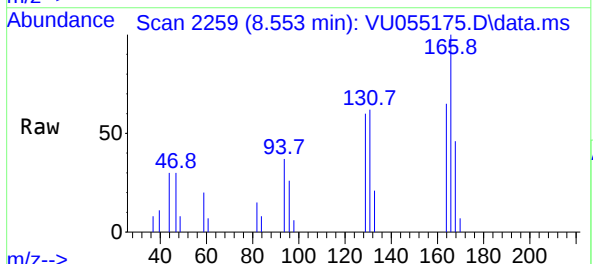


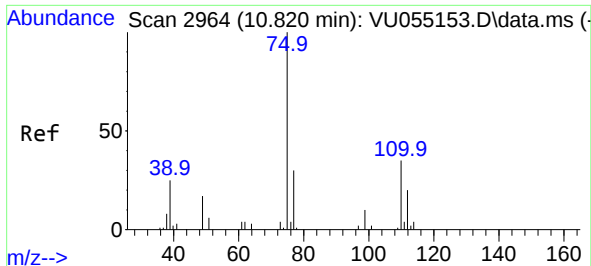
Tgt Ion: 43	Resp: 17916
Ion Ratio	Lower Upper
43 100	
58 52.6	44.0 66.0
57 6.3	16.2 24.2#
100 4.6	9.0 13.4#



#49
Dibromochloromethane
Concen: 0.252 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Tgt Ion: 129	Resp: 1872
Ion Ratio	Lower Upper
129 100	
127 0.0	55.9 103.7#

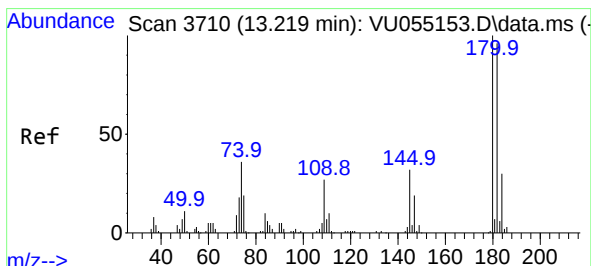
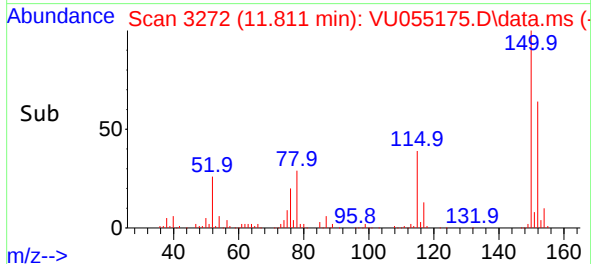
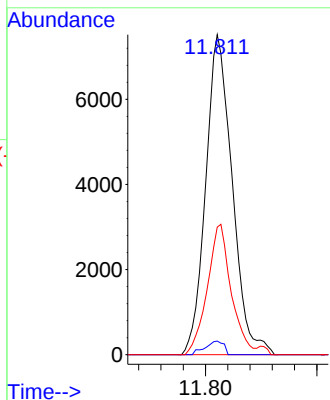
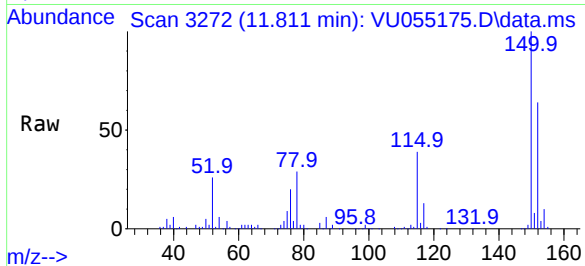




#61
1,2,3-Trichloropropane
Concen: 2.087 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

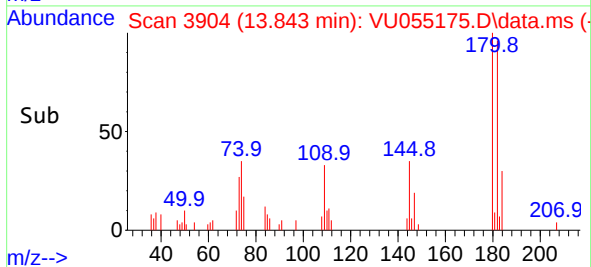
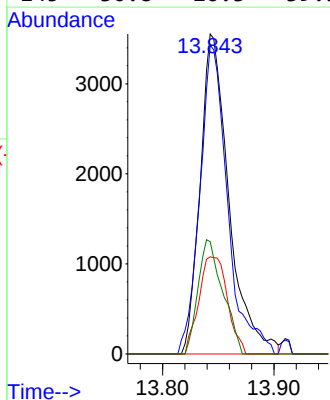
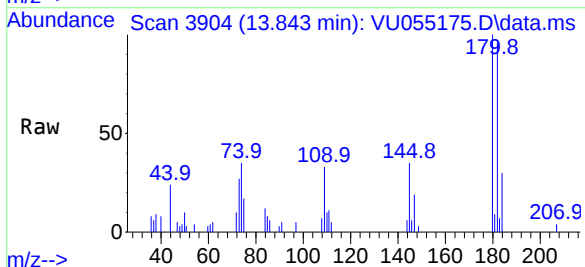
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12422
Ion Ratio Lower Upper
75 100
110 3.0 28.2 42.2#
77 36.7 26.2 39.4

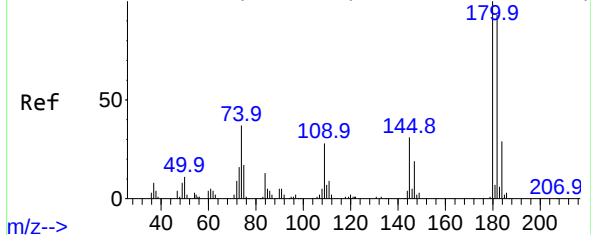


#69
1,3,5-Trichlorobenzene
Concen: 0.419 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.624 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Tgt Ion:180 Resp: 6362
Ion Ratio Lower Upper
180 100
182 93.4 75.8 113.6
184 30.1 24.0 36.0
145 30.8 26.3 39.5



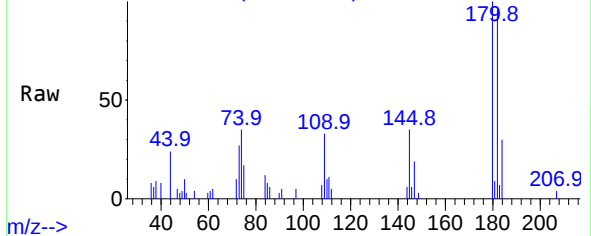
Abundance Scan 3903 (13.839 min): VU055153.D\data.ms (-



#70
1,2,4-trichlorobenzene
Concen: 0.447 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VU055175.D
Acq: 07 Sep 2023 05:48

Instrument :
MSVOA_U
ClientSampleId :

Abundance Scan 3904 (13.843 min): VU055175.D\data.ms (-



Tgt Ion:	180	Resp:	6362
Ion	Ratio	Lower	Upper
180	100		
182	93.4	73.6	110.4
145	30.8	25.8	38.8

Abundance Scan 3904 (13.843 min): VU055175.D\data.ms (-

