

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055306.D
 Acq On : 14 Sep 2023 13:55
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 03:02:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

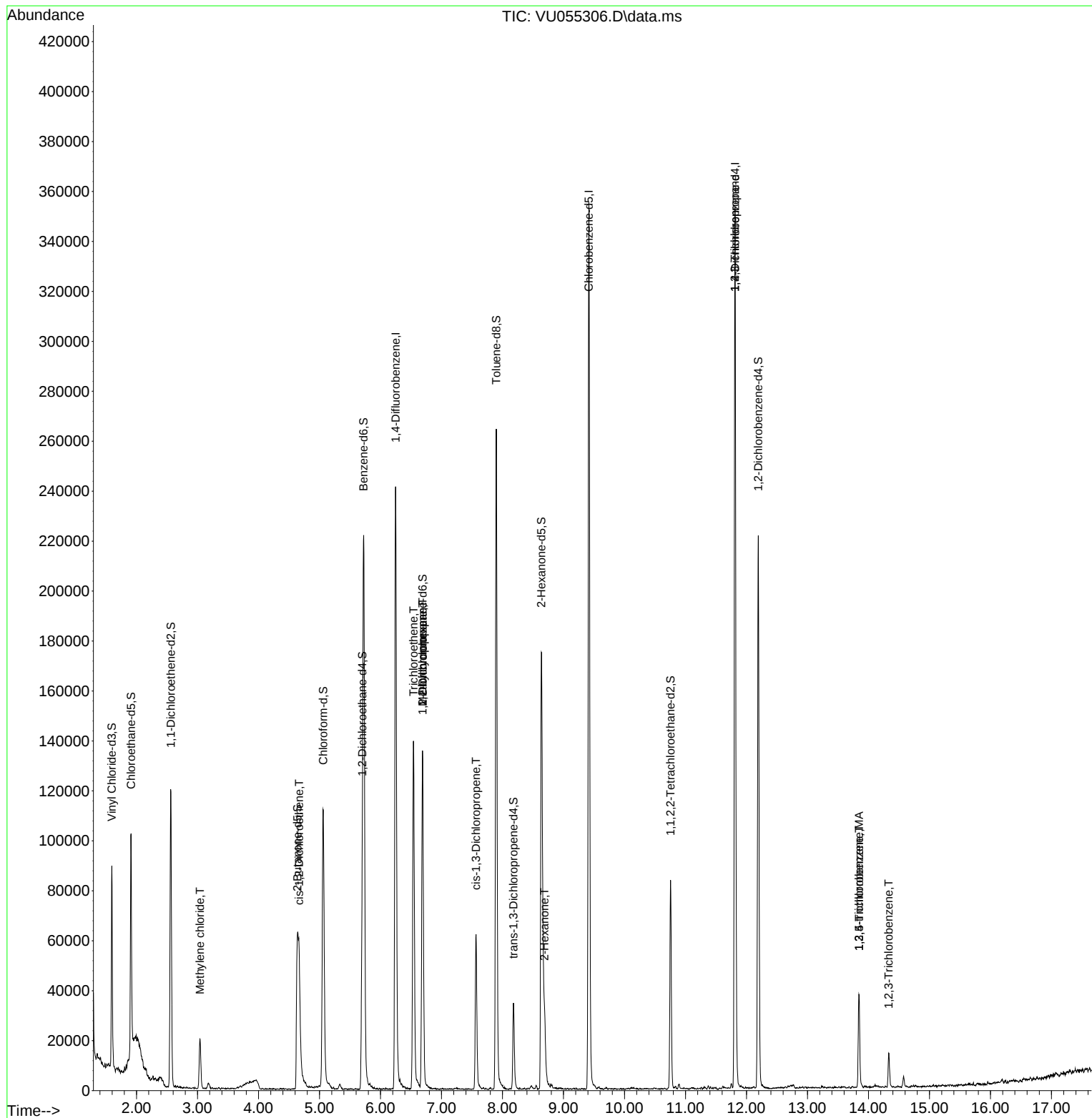
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	201441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56921	6.029	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.600%
7) Chloroethane-d5	1.911	69	62953	5.760	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.200%
11) 1,1-Dichloroethene-d2	2.563	65	22396	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.637	46	102725	37.494	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.980%
24) Chloroform-d	5.058	84	105692	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.701	65	51074	4.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.724	84	214345	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.689	67	63712	4.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.897	98	181092	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.180	79	20135	4.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.637	63	61193	35.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.360%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	41074	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	57846	4.276	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	10154	0.714	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	15425	1.334	ug/L	92
34) Trichloroethene	6.541	95	47326	4.038	ug/L	96
35) Methylcyclohexane	6.689	83	15741	0.957	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	7341	0.639	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	1719	0.110	ug/L	91
48) 2-Hexanone	8.688	43	18149	3.538	ug/L #	84
61) 1,2,3-Trichloropropane	11.810	75	12578	2.045	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.846	180	12034	0.767	ug/L	96
70) 1,2,4-trichlorobenzene	13.846	180	12034	0.818	ug/L	94
72) 1,2,3-Trichlorobenzene	14.331	180	5051	0.396	ug/L	92

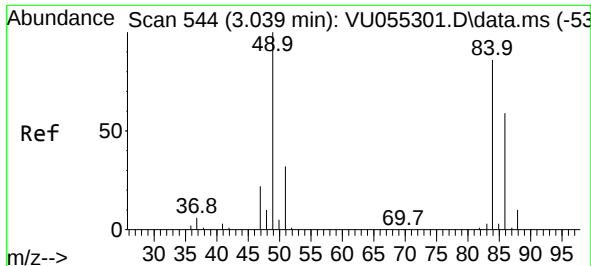
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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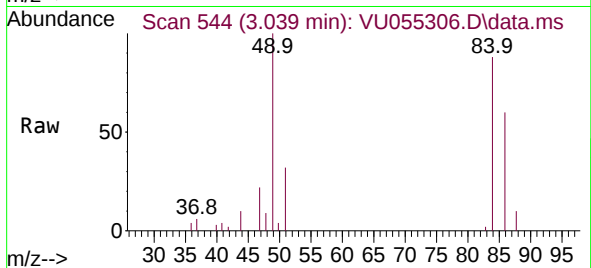
Quant Time: Sep 15 03:02:01 2023
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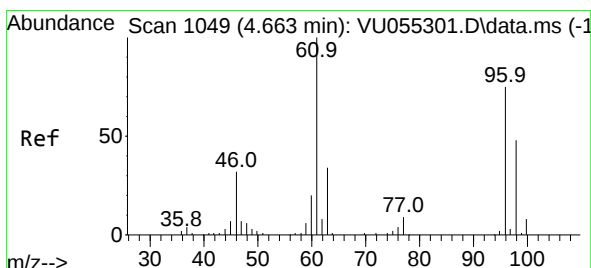
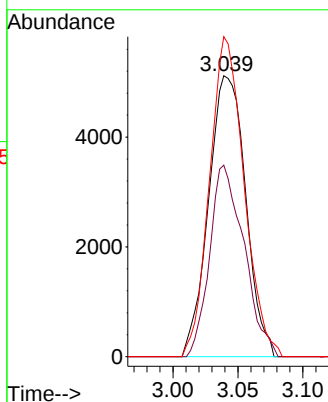
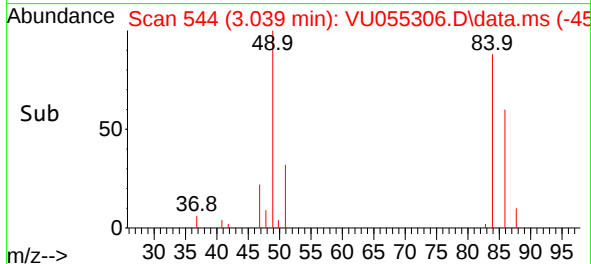


#16
Methylene chloride
Concen: 0.714 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055306.D
Acq: 14 Sep 2023 13:55

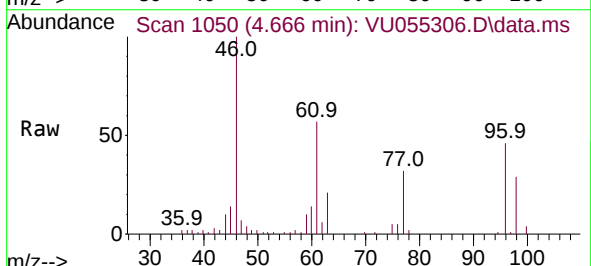
Instrument :
MSVOA_U
ClientSampleId :



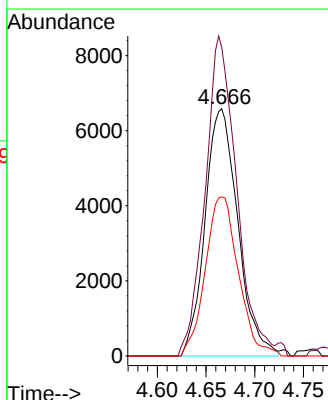
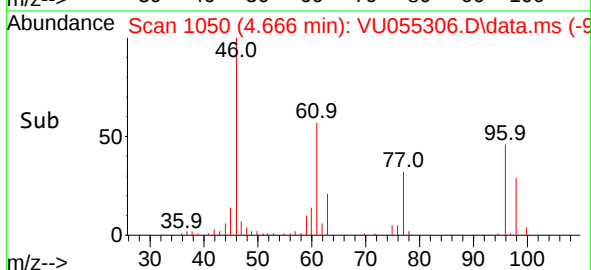
Tgt Ion: 84 Resp: 10154
Ion Ratio Lower Upper
84 100
86 68.2 43.4 80.6
49 118.0 87.7 162.9

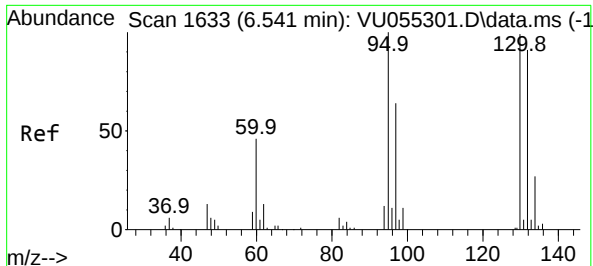


#22
cis-1,2-Dichloroethene
Concen: 1.334 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055306.D
Acq: 14 Sep 2023 13:55



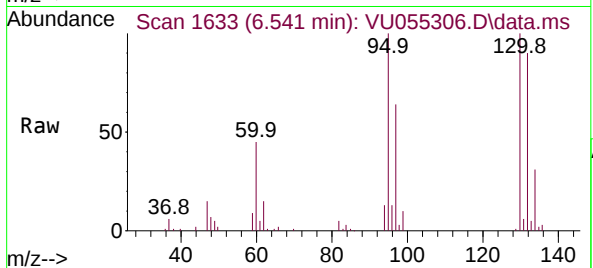
Tgt Ion: 96 Resp: 15425
Ion Ratio Lower Upper
96 100
61 124.8 97.2 180.4
98 64.3 46.1 85.7





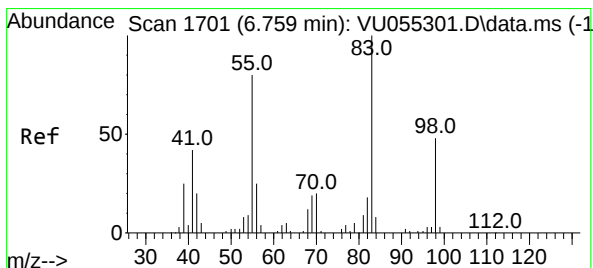
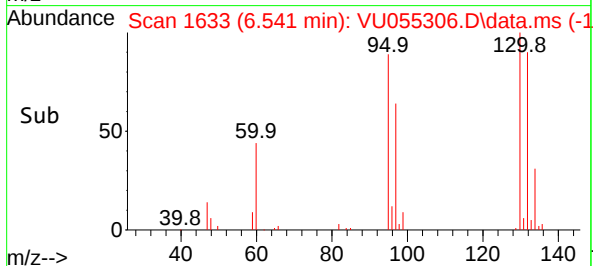
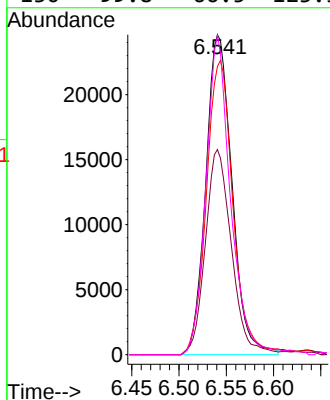
#34
Trichloroethene
Concen: 4.038 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055306.D
Acq: 14 Sep 2023 13:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 47326

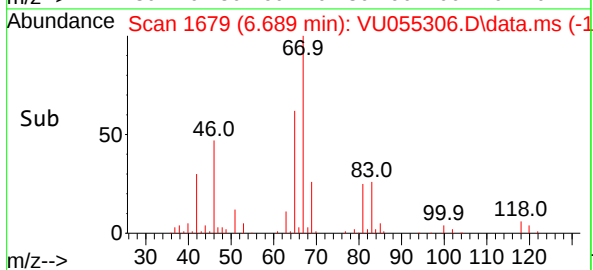
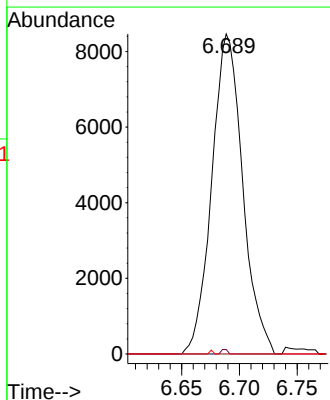
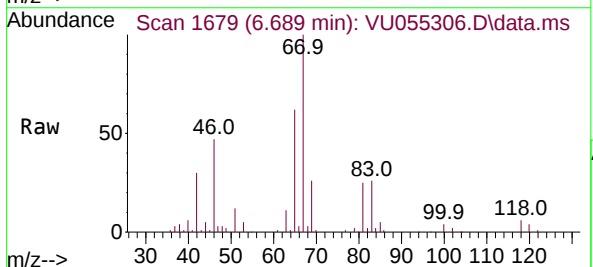
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.7	83.1
132	90.1	66.6	123.6
130	99.8	66.5	123.5

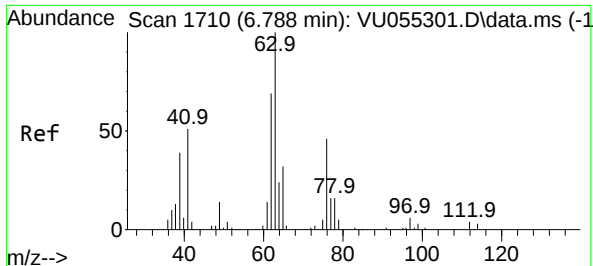


#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055306.D
Acq: 14 Sep 2023 13:55

Tgt Ion: 83 Resp: 15741

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	0.0	35.3	52.9#

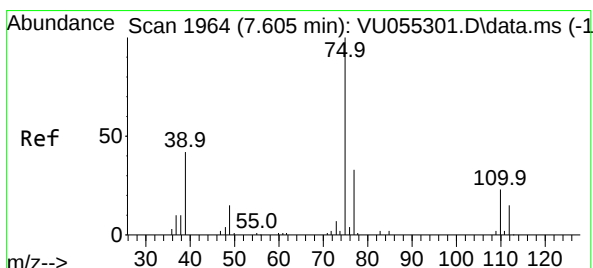
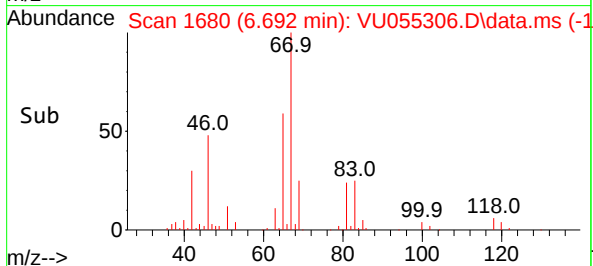
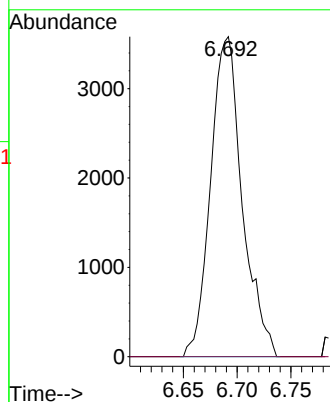
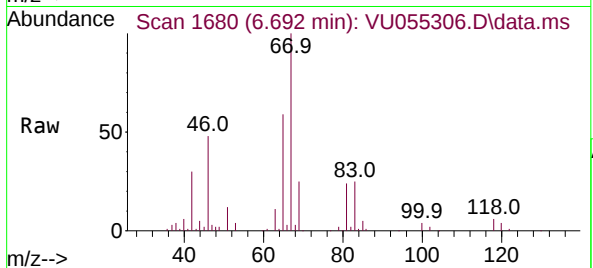




#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.692 min Scan# 111
Delta R.T. -0.096 min
Lab File: VU055306.D
Acq: 14 Sep 2023 13:55

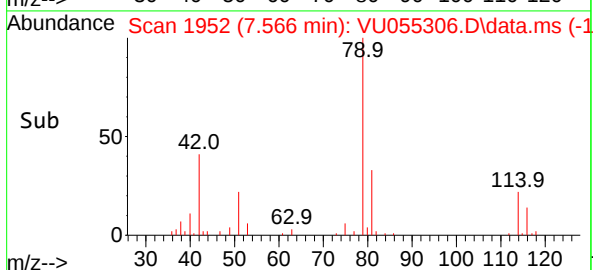
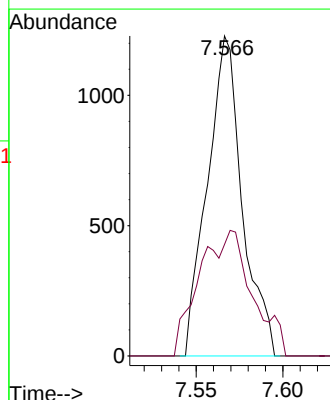
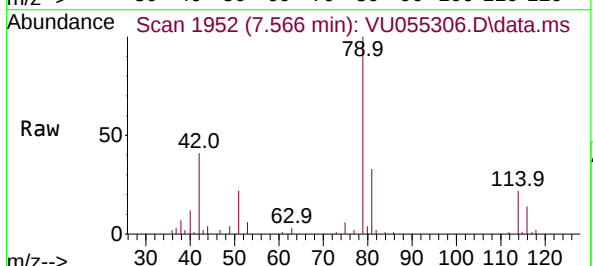
Instrument :
MSVOA_U
ClientSampleId :

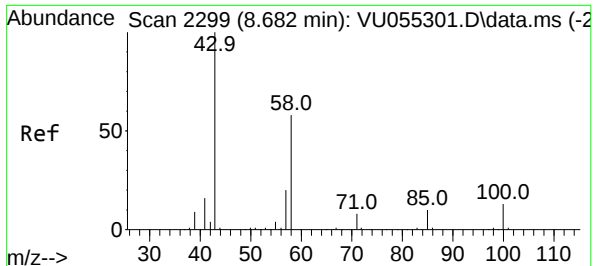
Tgt Ion: 63 Resp: 7341
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.039 min
Lab File: VU055306.D
Acq: 14 Sep 2023 13:55

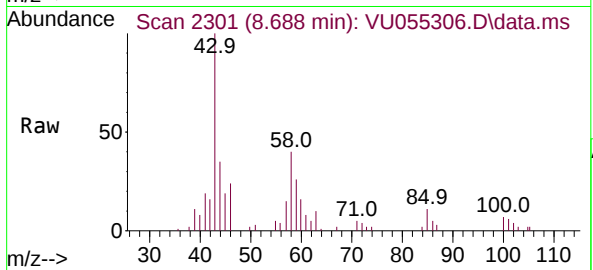
Tgt Ion: 75 Resp: 1719
Ion Ratio Lower Upper
75 100
77 34.9 20.9 38.9



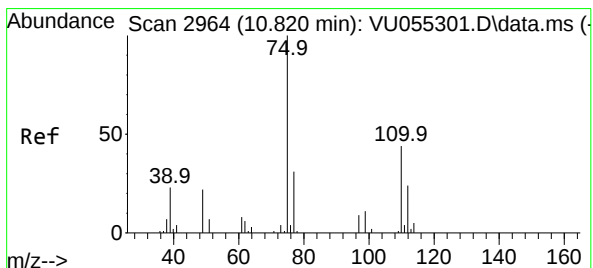
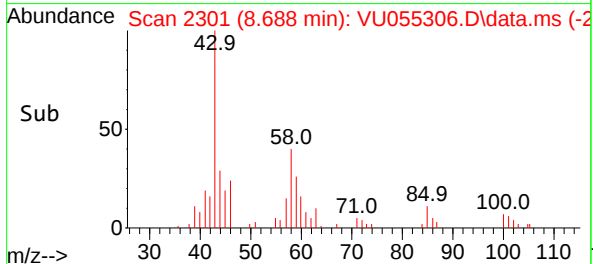
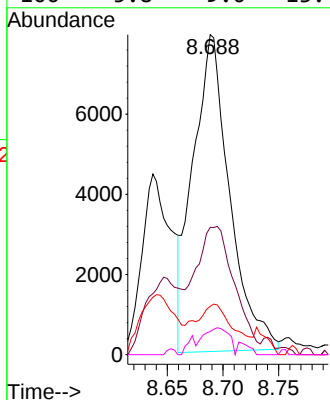


#48
2-Hexanone
Concen: 3.538 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055306.D
Acq: 14 Sep 2023 13:55

Instrument :
MSVOA_U
ClientSampleId :

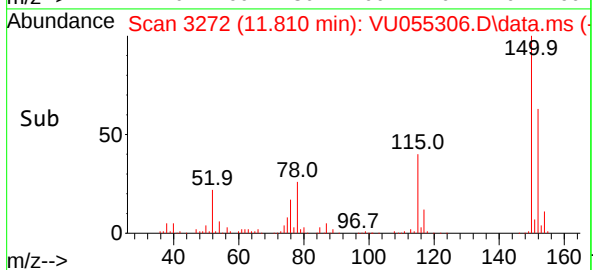
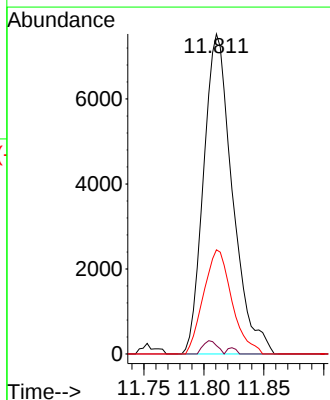
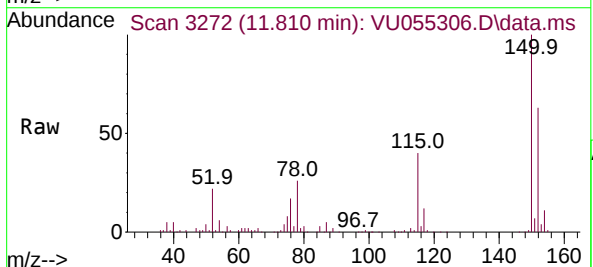


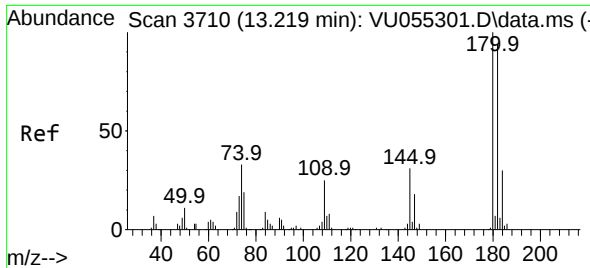
Tgt Ion: 43 Resp: 18149
Ion Ratio Lower Upper
43 100
58 40.7 44.0 66.0#
57 16.8 16.2 24.2
100 5.8 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 2.045 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055306.D
Acq: 14 Sep 2023 13:55

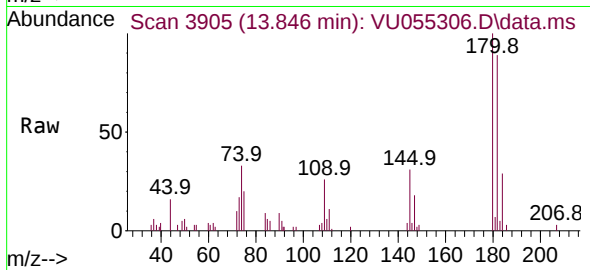
Tgt Ion: 75 Resp: 12578
Ion Ratio Lower Upper
75 100
110 2.0 28.2 42.2#
77 32.0 26.2 39.4



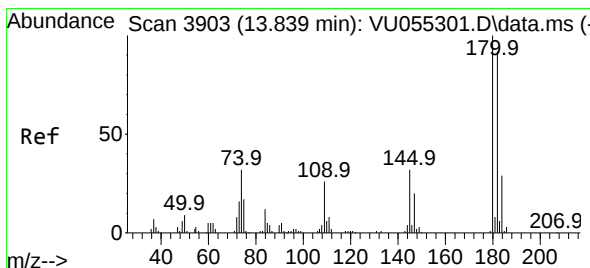
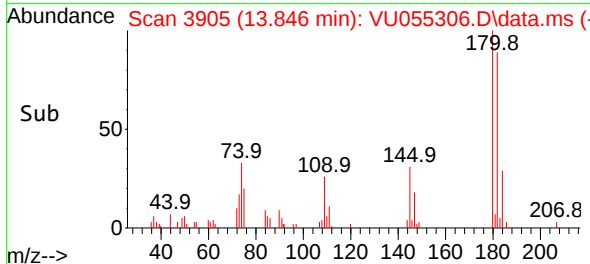
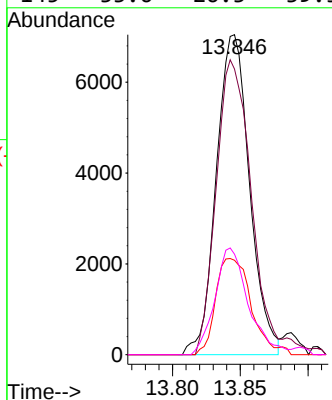


#69
 1,3,5-Trichlorobenzene
 Concen: 0.767 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.627 min
 Lab File: VU055306.D
 Acq: 14 Sep 2023 13:55

Instrument :
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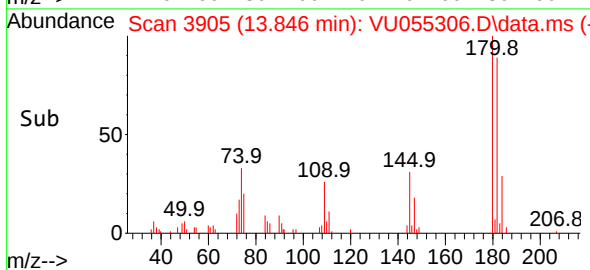
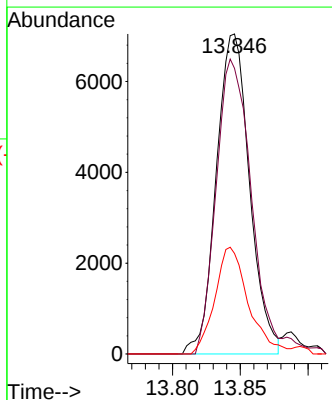
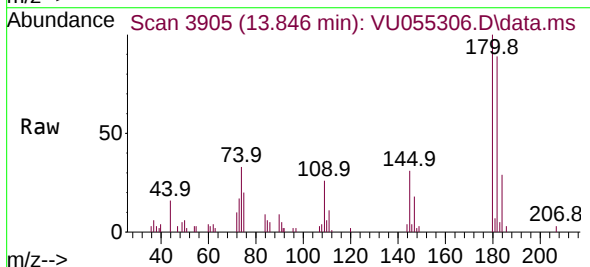


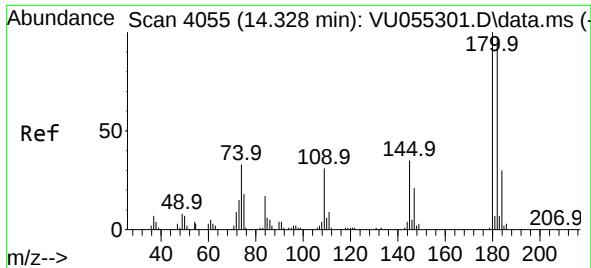
Tgt Ion:180 Resp: 12034
 Ion Ratio Lower Upper
 180 100
 182 99.0 75.8 113.6
 184 32.1 24.0 36.0
 145 33.6 26.3 39.5



#70
 1,2,4-trichlorobenzene
 Concen: 0.818 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.006 min
 Lab File: VU055306.D
 Acq: 14 Sep 2023 13:55

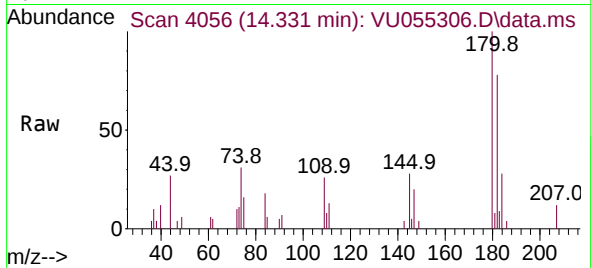
Tgt Ion:180 Resp: 12034
 Ion Ratio Lower Upper
 180 100
 182 99.0 73.6 110.4
 145 33.6 25.8 38.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.396 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.003 min
 Lab File: VU055306.D
 Acq: 14 Sep 2023 13:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	5051
Ion Ratio	Lower	Upper	
180	100		
182	88.1	75.6	113.4
145	27.7	27.0	40.6

