

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055194.D
 Acq On : 07 Sep 2023 17:26
 Operator : MD/SY
 Sample : 04286-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:09:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

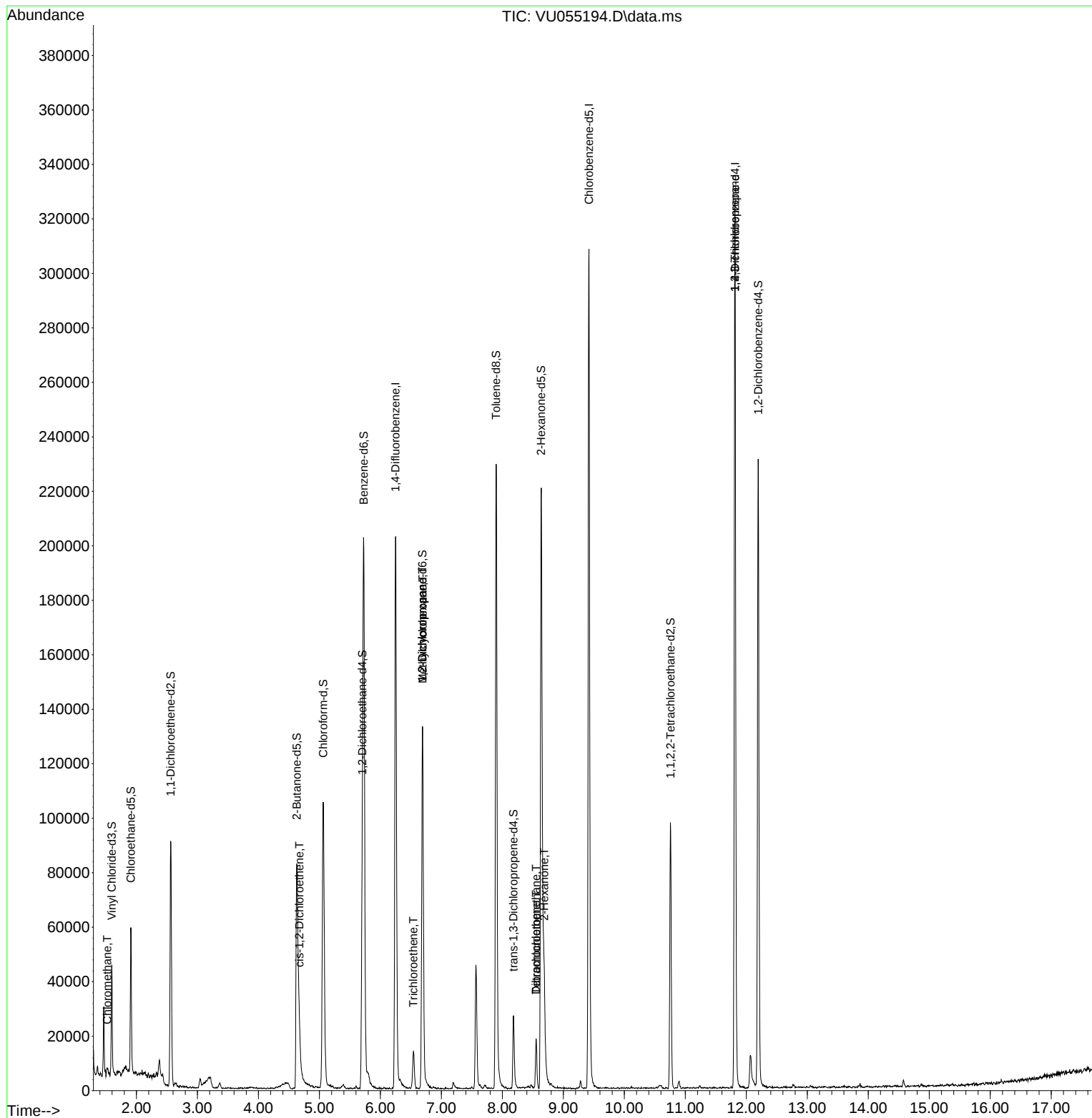
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	159778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.419	117	166635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25987	3.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.908	69	35430	4.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	17419	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.628	46	128828	59.283	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.560%
24) Chloroform-d	5.062	84	96672	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.702	65	51506	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.727	84	180630	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.689	67	62078	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.898	98	158633	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.181	79	15747	4.371	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.634	63	67933	46.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.900%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	48442	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	58175	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
3) Chloromethane	1.522	50	2521	0.267	ug/L	95
22) cis-1,2-Dichloroethene	4.670	96	5249	0.572	ug/L	78
34) Trichloroethene	6.541	95	3980	0.404	ug/L	84
35) Methylcyclohexane	6.692	83	14599	1.056	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7205	0.746	ug/L #	88
47) Tetrachloroethene	8.554	164	3638	0.534	ug/L	89
48) 2-Hexanone	8.685	43	22357	5.182	ug/L #	79
49) Dibromochloromethane	8.554	129	3645	0.513	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	11751	2.172	ug/L #	69

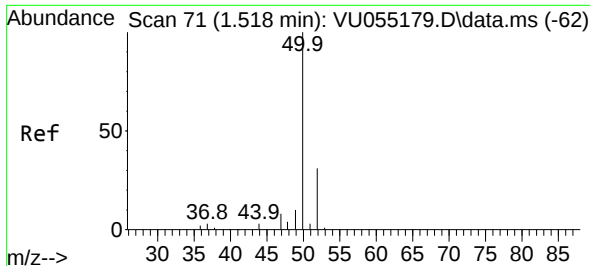
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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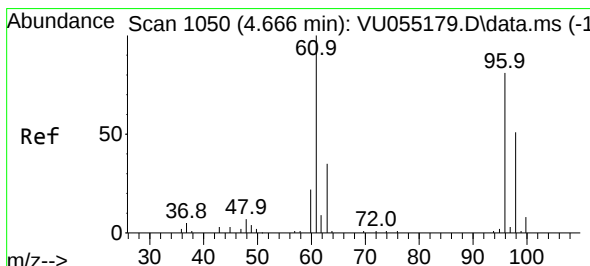
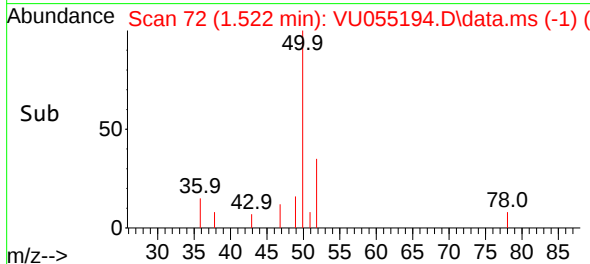
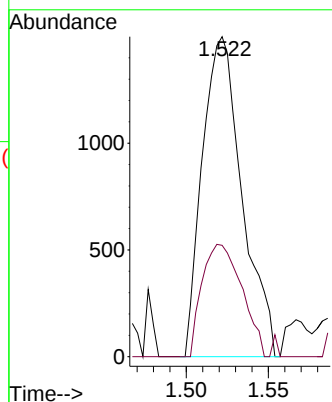
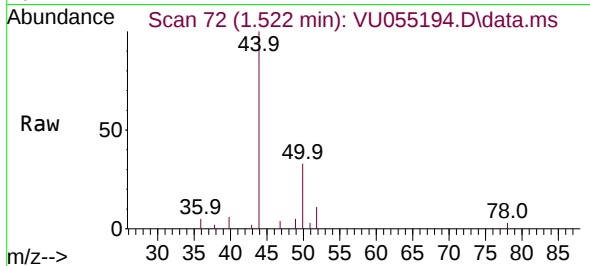




#3
Chloromethane
Concen: 0.267 ug/L
RT: 1.522 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055194.D
Acq: 07 Sep 2023 17:26

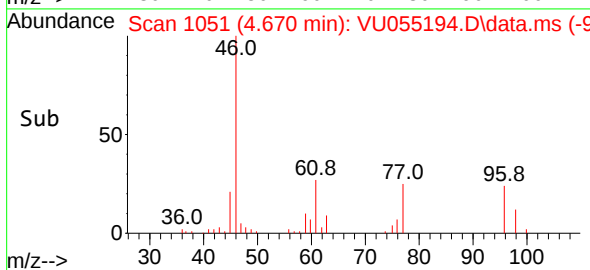
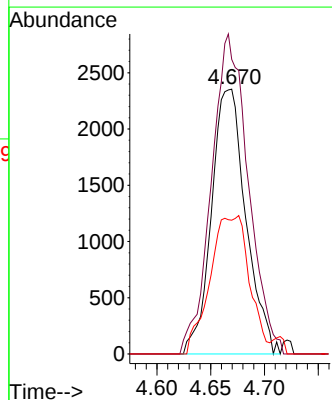
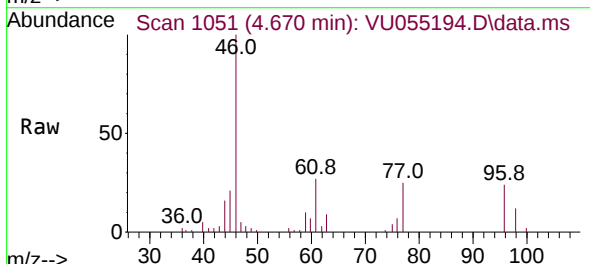
Instrument :
MSVOA_U
ClientSampleId :

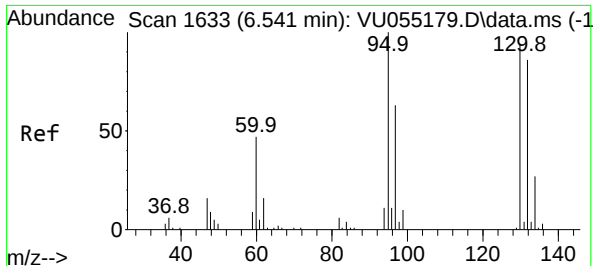
Tgt Ion: 50 Resp: 2521
Ion Ratio Lower Upper
50 100
52 34.8 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 0.572 ug/L
RT: 4.670 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU055194.D
Acq: 07 Sep 2023 17:26

Tgt Ion: 96 Resp: 5249
Ion Ratio Lower Upper
96 100
61 111.2 97.2 180.4
98 50.5 46.1 85.7





#34

Trichloroethene

Concen: 0.404 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

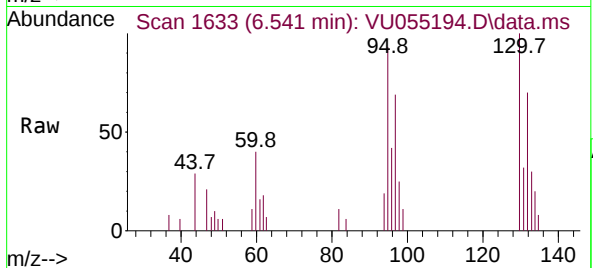
Lab File: VU055194.D

Acq: 07 Sep 2023 17:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 3980

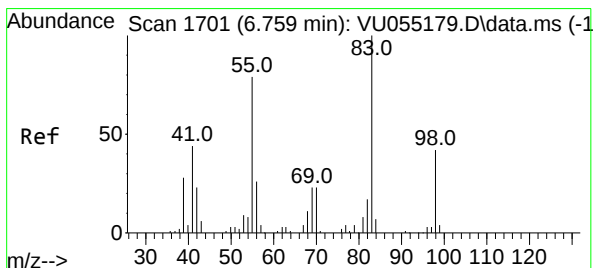
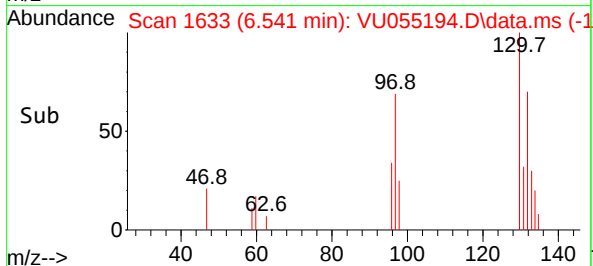
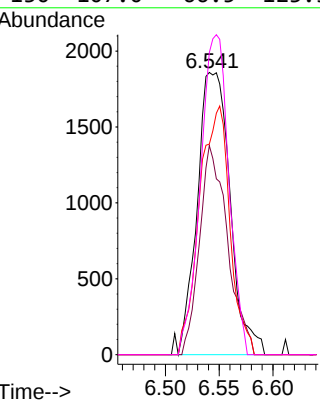
Ion Ratio Lower Upper

95 100

97 74.1 44.7 83.1

132 74.6 66.6 123.6

130 107.0 66.5 123.5



#35

Methylcyclohexane

Concen: 1.056 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.067 min

Lab File: VU055194.D

Acq: 07 Sep 2023 17:26

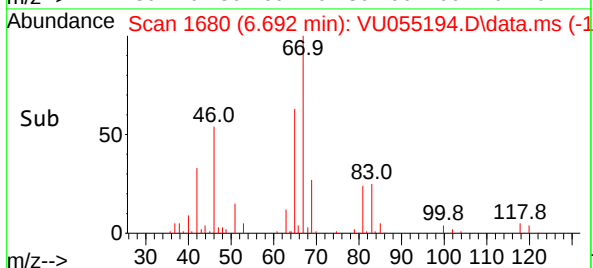
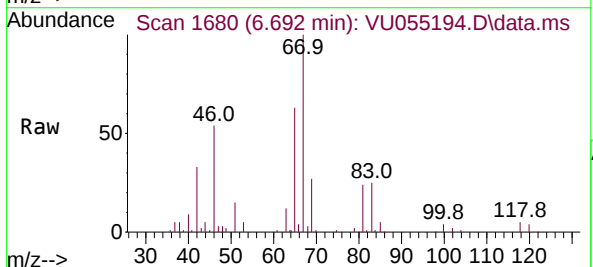
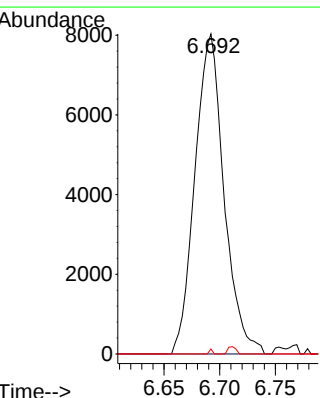
Tgt Ion: 83 Resp: 14599

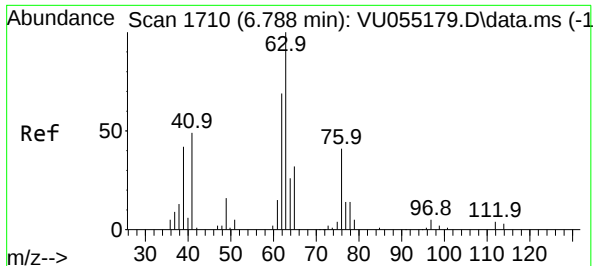
Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

98 0.2 35.3 52.9#

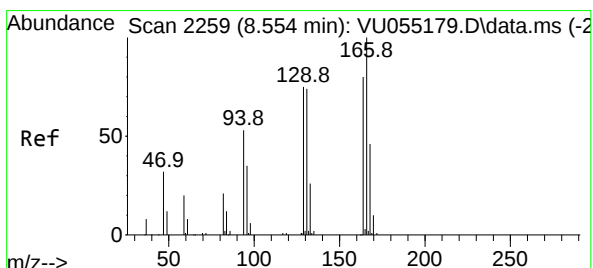
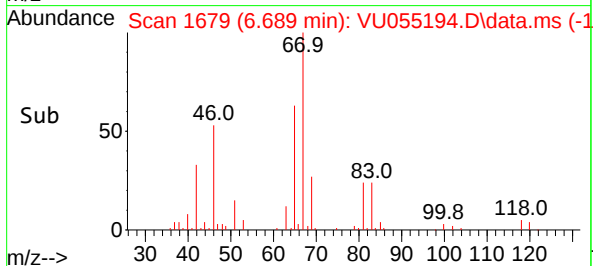
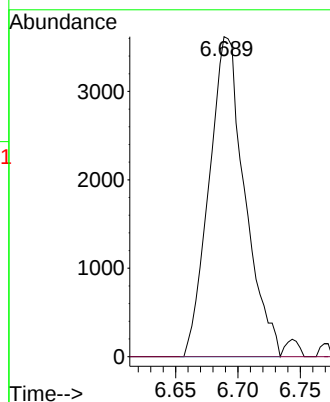
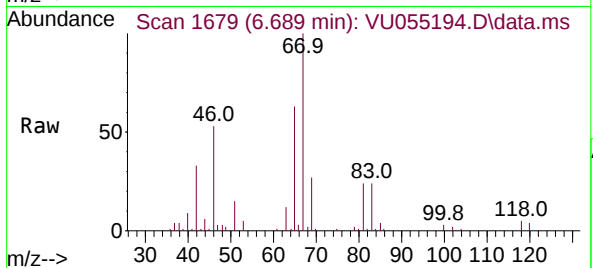




#37
1,2-Dichloropropane
Concen: 0.746 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055194.D
Acq: 07 Sep 2023 17:26

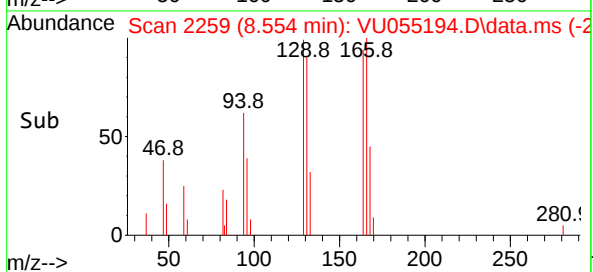
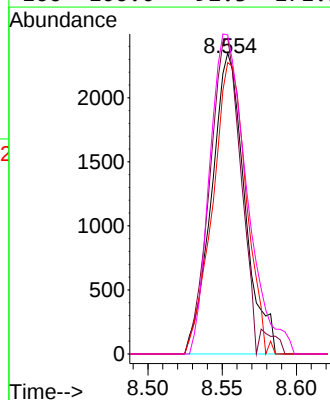
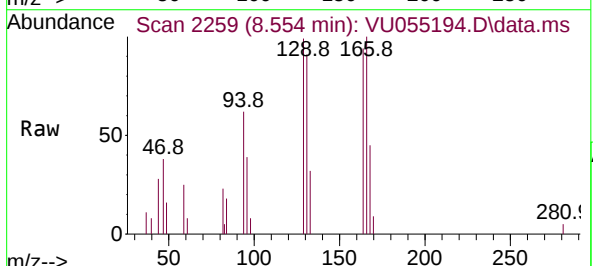
Instrument :
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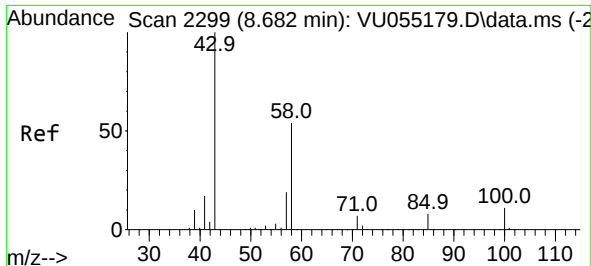
Tgt Ion: 63 Resp: 7205
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.534 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055194.D
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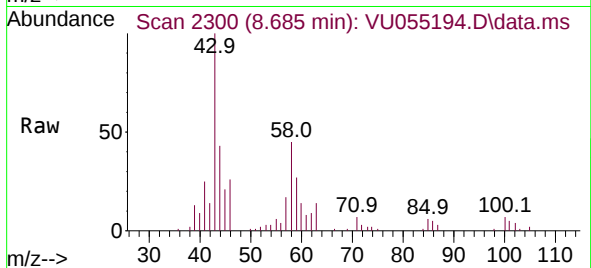
Tgt Ion:164 Resp: 3638
Ion Ratio Lower Upper
164 100
129 104.9 69.2 128.6
131 96.8 68.8 127.8
166 106.0 92.3 171.5



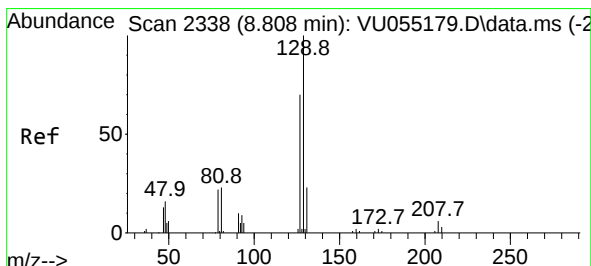
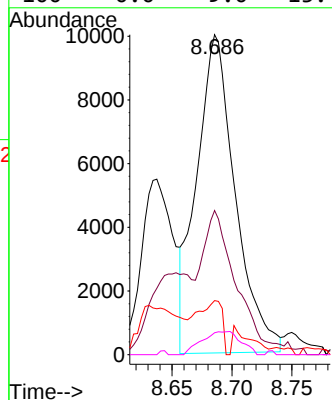
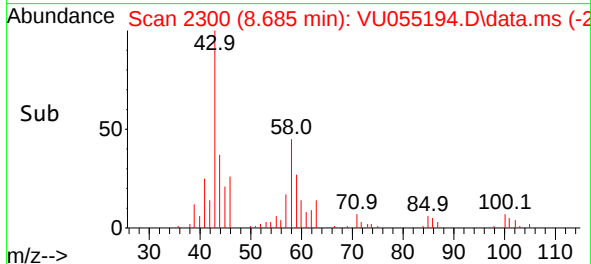


#48
2-Hexanone
Concen: 5.182 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055194.D
Acq: 07 Sep 2023 17:26

Instrument :
MSVOA_U
ClientSampleId :

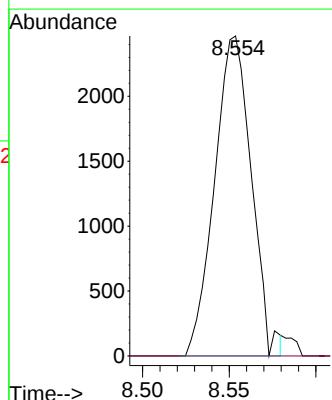
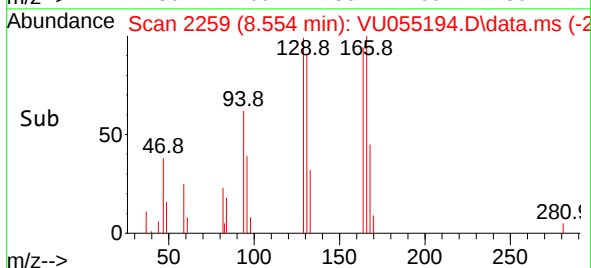
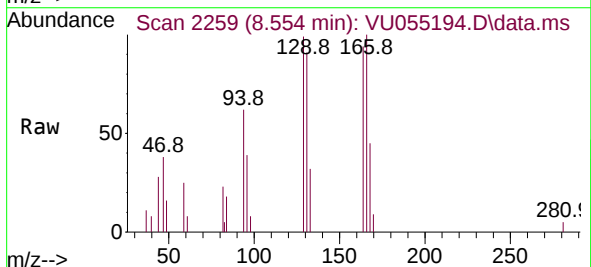


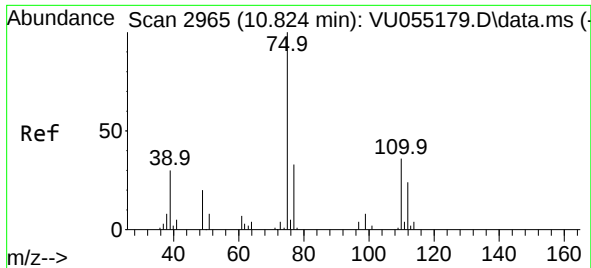
Tgt Ion: 43 Resp: 22357
Ion Ratio Lower Upper
43 100
58 40.8 44.0 66.0#
57 11.3 16.2 24.2#
100 0.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.513 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055194.D
Acq: 07 Sep 2023 17:26

Tgt Ion: 129 Resp: 3645
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 2.172 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.987 min

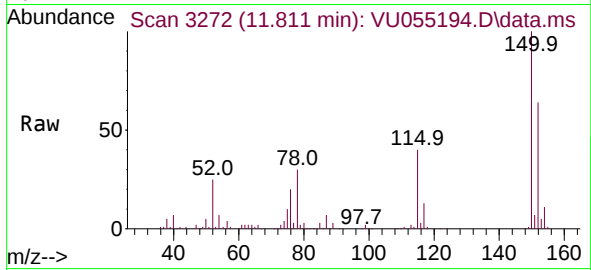
Lab File: VU055194.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 11751

Ion Ratio Lower Upper

75 100

110 2.9 28.2 42.2#

77 35.8 26.2 39.4

