

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055190.D
 Acq On : 07 Sep 2023 15:50
 Operator : MD/SY
 Sample : 04286-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:08:18 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)

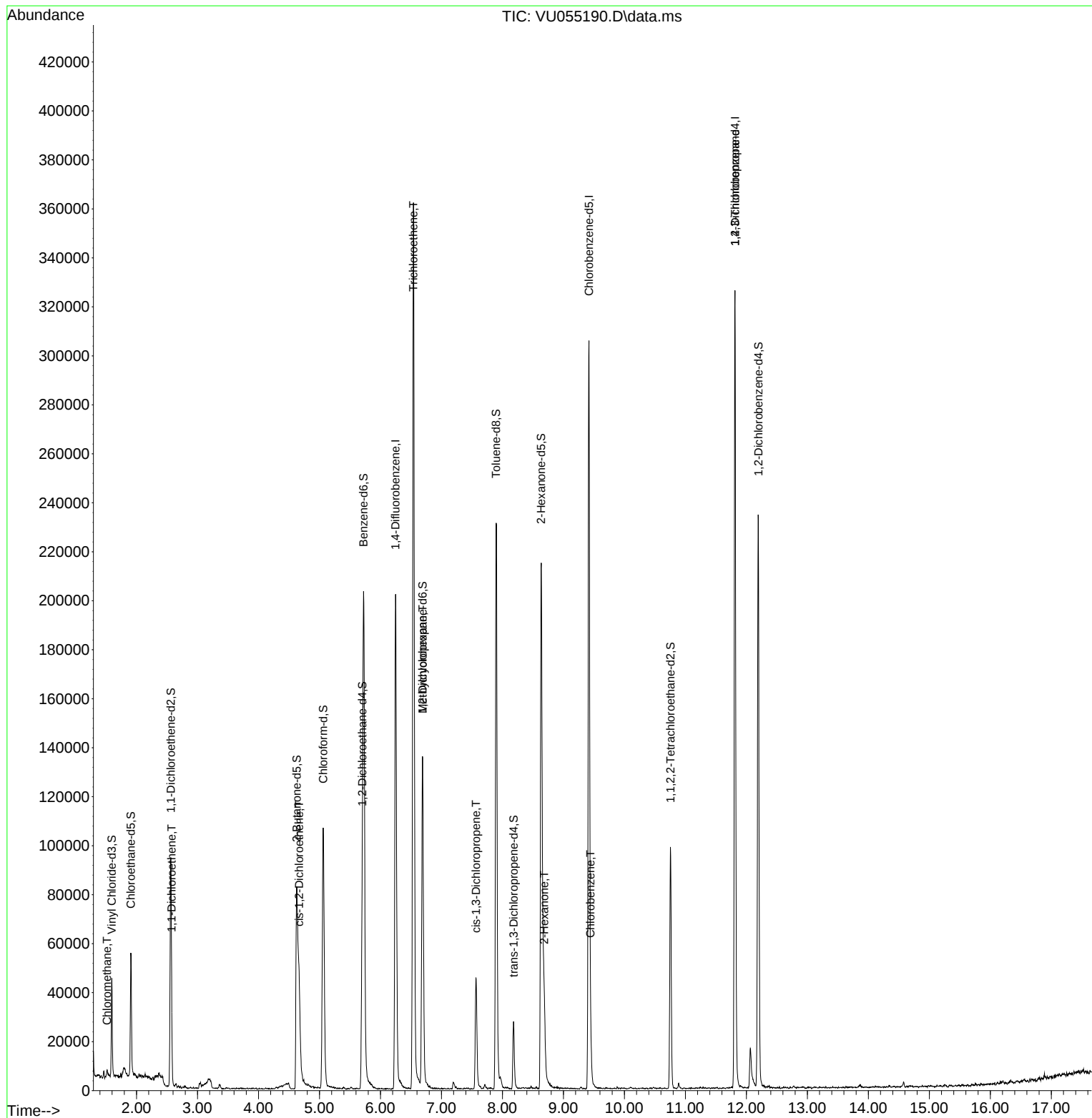
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	158121	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	164571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	80103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26745	3.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.907	69	35487	4.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.563	65	17319	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.627	46	124253	57.777	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.560%
24) Chloroform-d	5.062	84	98064	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.701	65	51571	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.724	84	181727	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.692	67	63006	4.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.897	98	158648	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.184	79	15900	4.469	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.634	63	67703	46.868	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	48607	5.349	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.196	152	59458	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2757	0.295	ug/L	85
12) 1,1-Dichloroethene	2.576	96	1130	0.155	ug/L #	1
22) cis-1,2-Dichloroethene	4.666	96	15002	1.652	ug/L	97
34) Trichloroethene	6.541	95	122358	12.570	ug/L	97
35) Methylcyclohexane	6.692	83	14001	1.025	ug/L #	22
39) cis-1,3-Dichloropropene	7.566	75	1450	0.112	ug/L #	80
48) 2-Hexanone	8.685	43	18751	4.401	ug/L	96
51) Chlorobenzene	9.444	112	6281	0.254	ug/L	94
61) 1,2,3-Trichloropropane	11.814	75	12293	2.313	ug/L #	70

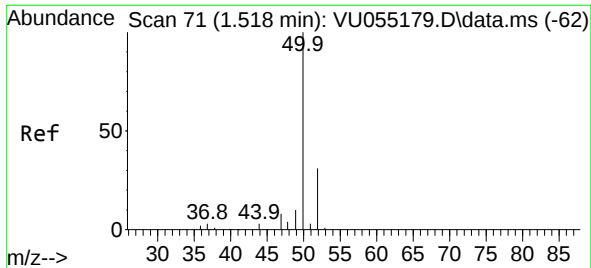
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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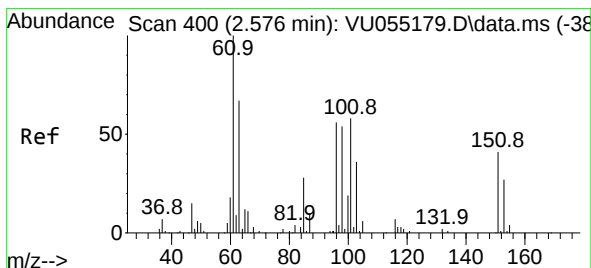
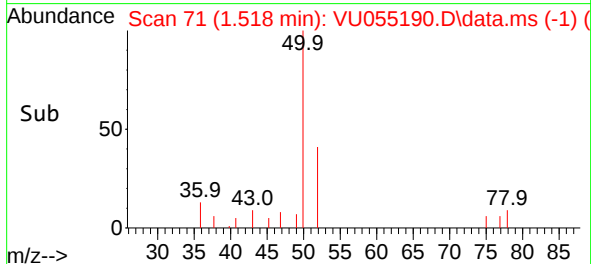
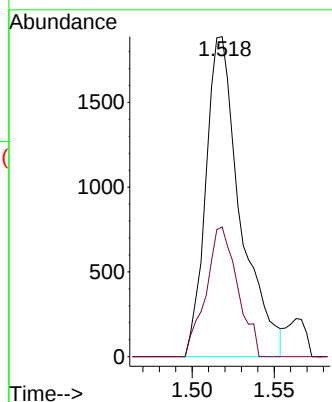
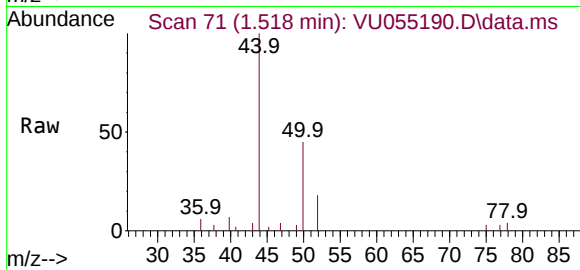




#3
Chloromethane
Concen: 0.295 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU055190.D
Acq: 07 Sep 2023 15:50

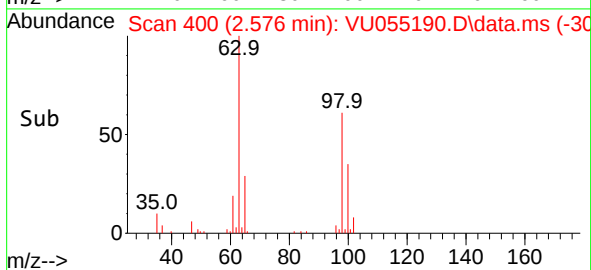
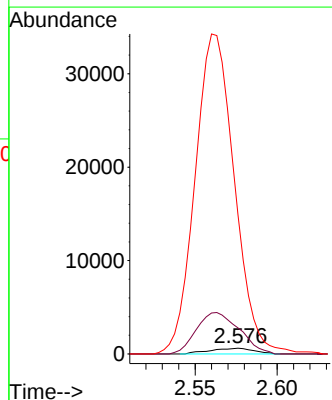
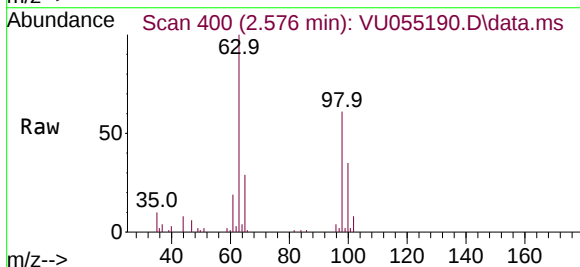
Instrument :
MSVOA_U
ClientSampleId :

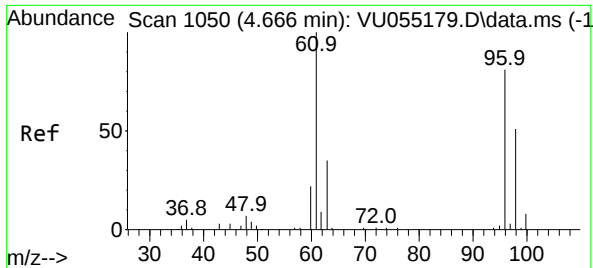
Tgt Ion: 50 Resp: 2757
Ion Ratio Lower Upper
50 100
52 40.5 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.155 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055190.D
Acq: 07 Sep 2023 15:50

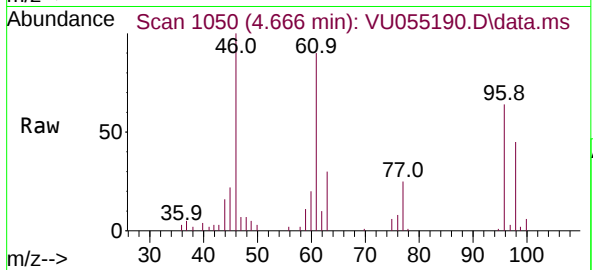
Tgt Ion: 96 Resp: 1130
Ion Ratio Lower Upper
96 100
61 456.0 120.8 224.4#
63 2443.7 94.5 175.5#



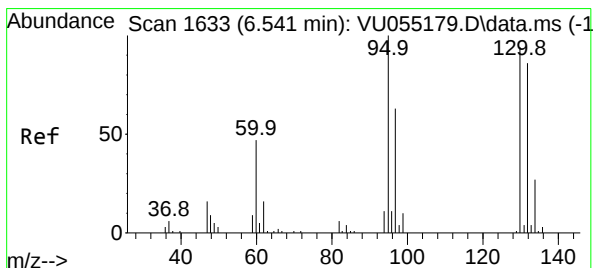
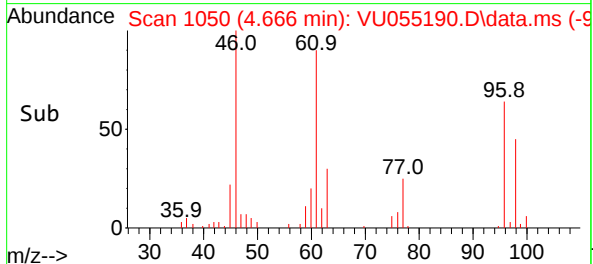
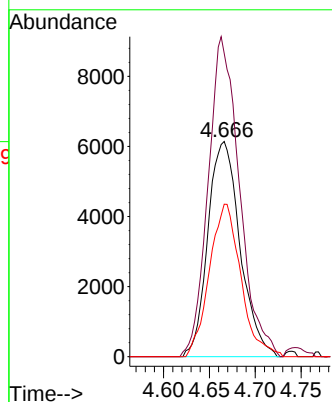


#22
cis-1,2-Dichloroethene
Concen: 1.652 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU055190.D
Acq: 07 Sep 2023 15:50

Instrument :
MSVOA_U
ClientSampleId :

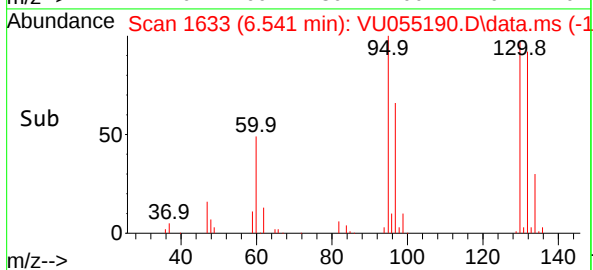
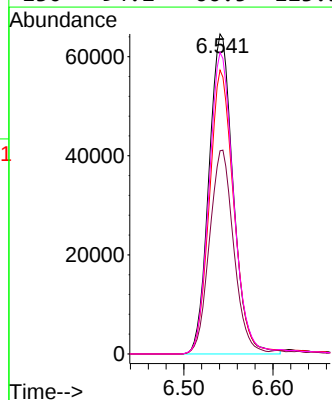
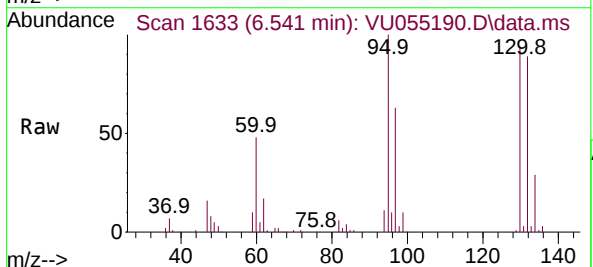


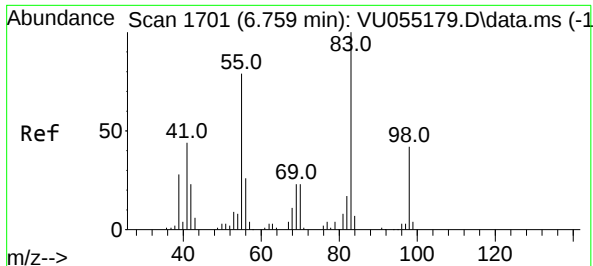
Tgt Ion: 96 Resp: 15002
Ion Ratio Lower Upper
96 100
61 140.9 97.2 180.4
98 70.8 46.1 85.7



#34
Trichloroethene
Concen: 12.570 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055190.D
Acq: 07 Sep 2023 15:50

Tgt Ion: 95 Resp: 122358
Ion Ratio Lower Upper
95 100
97 63.5 44.7 83.1
132 88.7 66.6 123.6
130 94.2 66.5 123.5





#35

Methylcyclohexane

Concen: 1.025 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU055190.D

Acq: 07 Sep 2023 15:50

Instrument :

MSVOA_U

ClientSampleId :

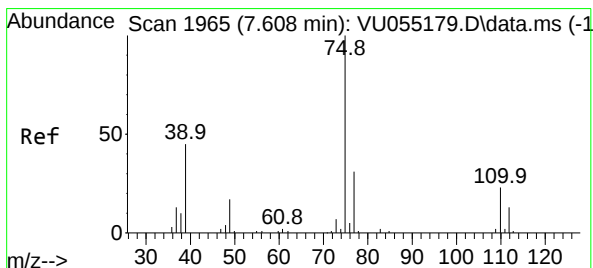
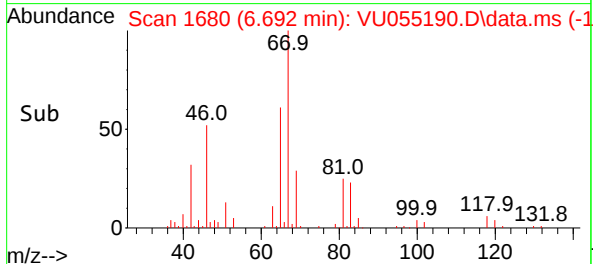
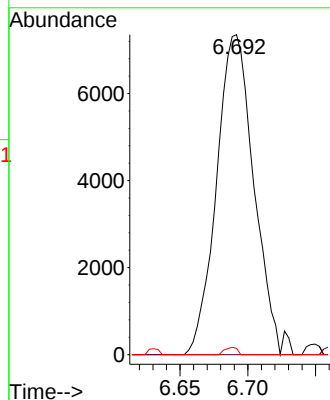
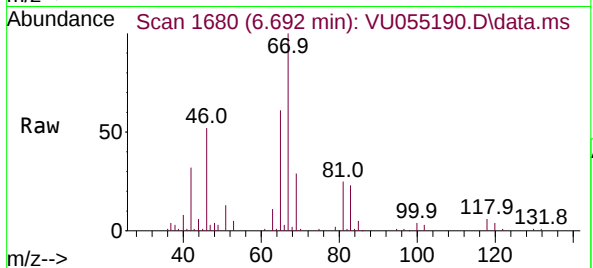
Tgt Ion: 83 Resp: 14001

Ion Ratio Lower Upper

83 100

55 0.8 60.4 90.6#

98 3.4 35.3 52.9#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.566 min Scan# 1952

Delta R.T. -0.042 min

Lab File: VU055190.D

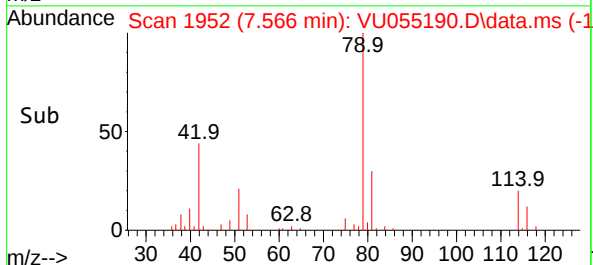
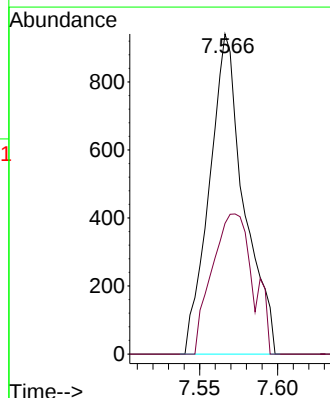
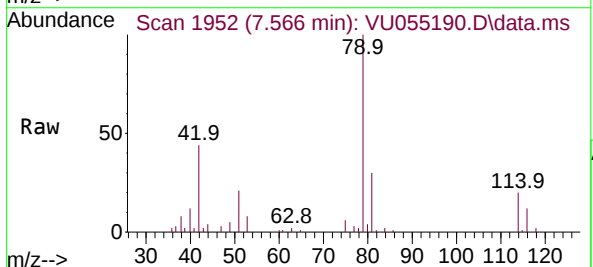
Acq: 07 Sep 2023 15:50

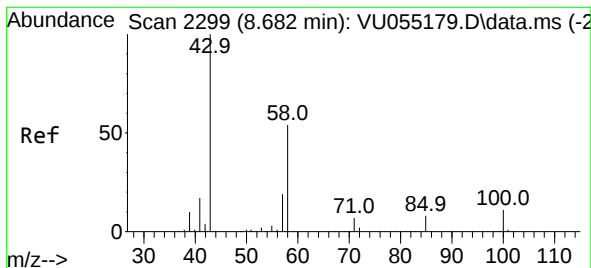
Tgt Ion: 75 Resp: 1450

Ion Ratio Lower Upper

75 100

77 40.8 20.9 38.9#





#48

2-Hexanone

Concen: 4.401 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.003 min

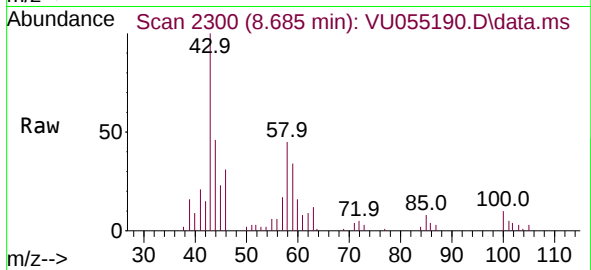
Lab File: VU055190.D

Acq: 07 Sep 2023 15:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 18751

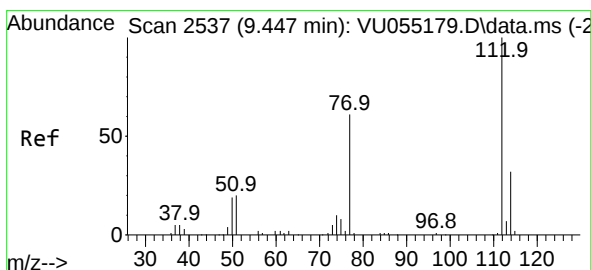
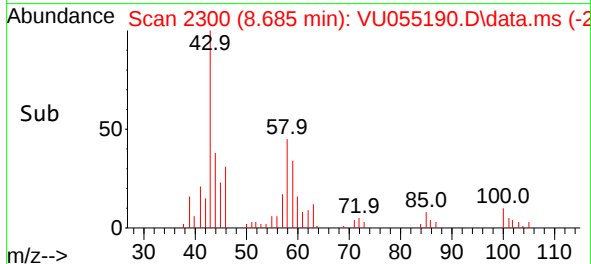
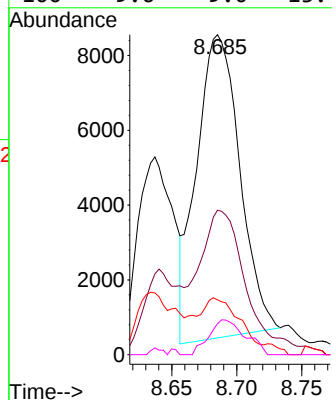
Ion Ratio Lower Upper

43 100

58 53.0 44.0 66.0

57 17.3 16.2 24.2

100 9.6 9.0 13.4



#51

Chlorobenzene

Concen: 0.254 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.003 min

Lab File: VU055190.D

Acq: 07 Sep 2023 15:50

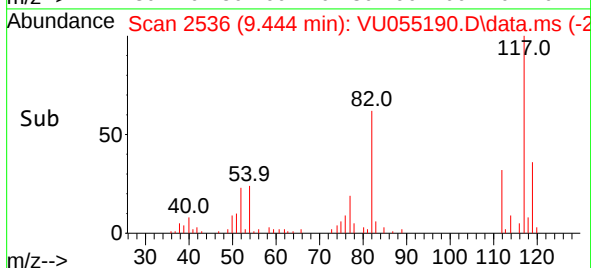
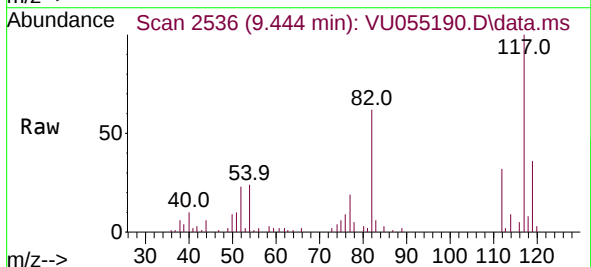
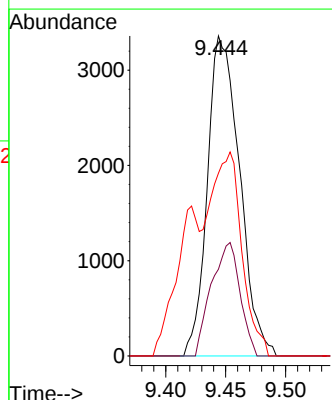
Tgt Ion: 112 Resp: 6281

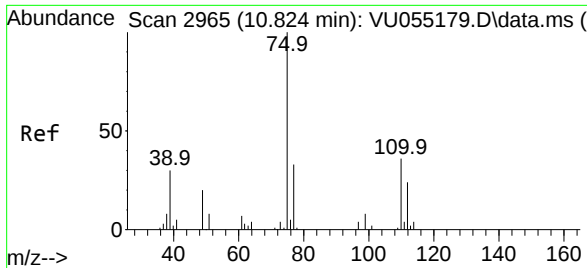
Ion Ratio Lower Upper

112 100

114 27.1 21.7 40.3

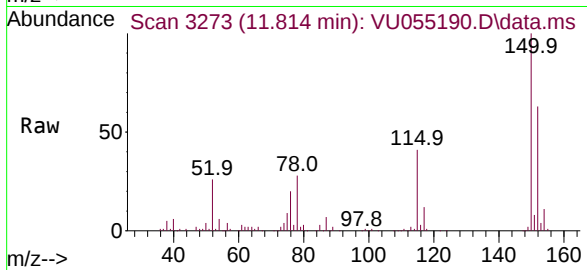
77 57.1 48.6 72.8





#61
 1,2,3-Trichloropropane
 Concen: 2.313 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055190.D
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Tgt Ion:	75	Resp:	12293
Ion	Ratio	Lower	Upper
75	100		
110	3.4	28.2	42.2#
77	30.3	26.2	39.4

