

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055535.D
 Acq On : 26 Sep 2023 23:30
 Operator : MD/SY
 Sample : 04530-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:36:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

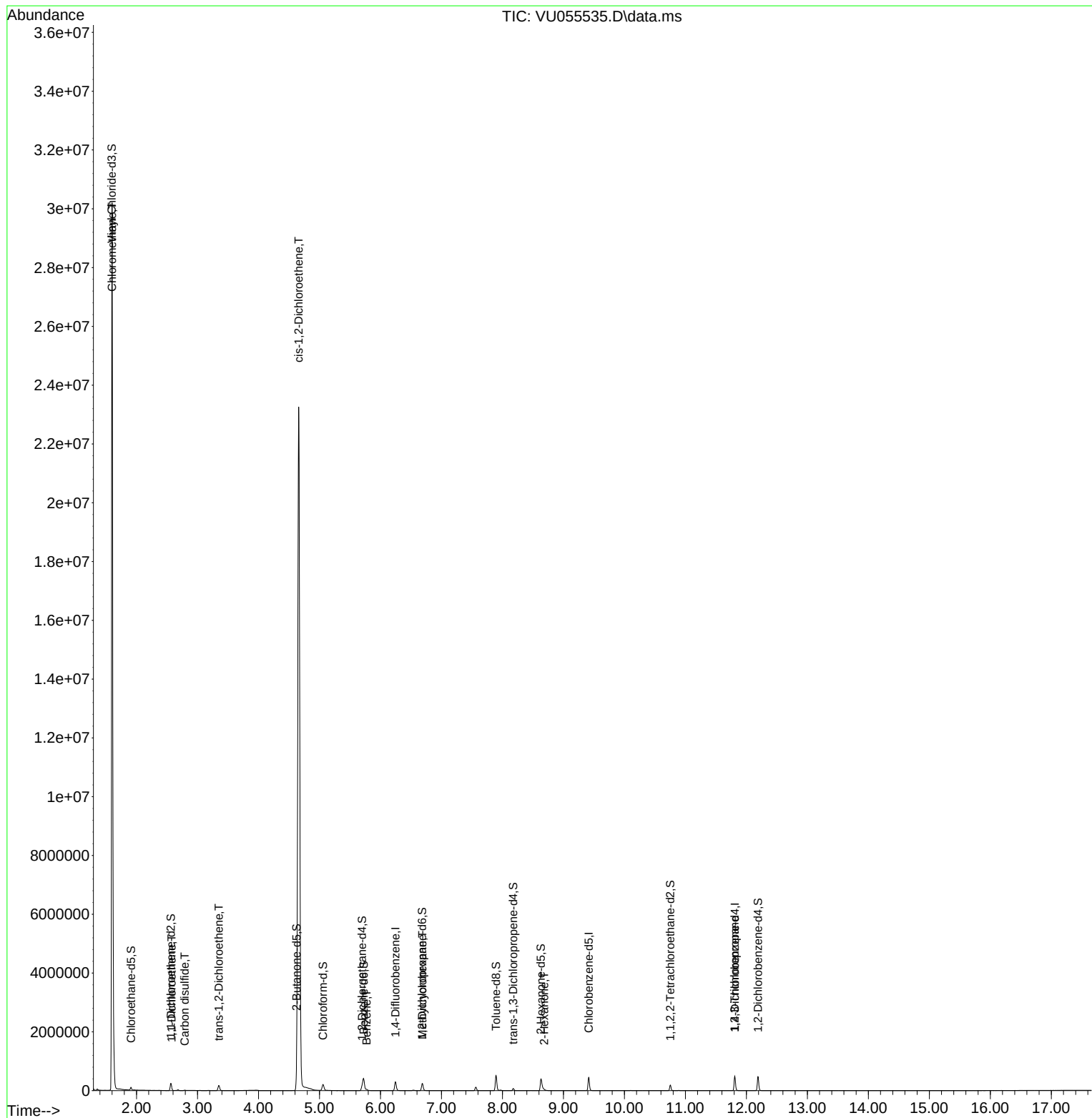
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	258279	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	136854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	294611	11.286	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	225.800%#
7) Chloroethane-d5	1.911	69	66055	2.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.400%#
11) 1,1-Dichloroethene-d2	2.563	65	44902	4.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.624	46	213966	45.380	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.760%
24) Chloroform-d	5.058	84	198344	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.698	65	96411	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.724	84	413879	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.685	67	124768	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	367584	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	44002	4.512	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.631	63	134593	45.371	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97654	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	131720	4.769	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.599	50	148346	6.706	ug/L #	43
12) 1,1-Dichloroethene	2.576	96	8127	0.450	ug/L #	1
14) Carbon disulfide	2.792	76	22237	0.410	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	78105	4.291	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	12905649	611.576	ug/L	98
33) Benzene	5.775	78	36615	0.478	ug/L	100
35) Methylcyclohexane	6.689	83	29658	0.951	ug/L #	20
48) 2-Hexanone	8.685	43	20780	2.953	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	15273	1.430	ug/L #	68

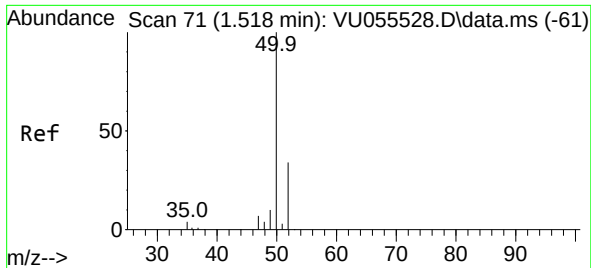
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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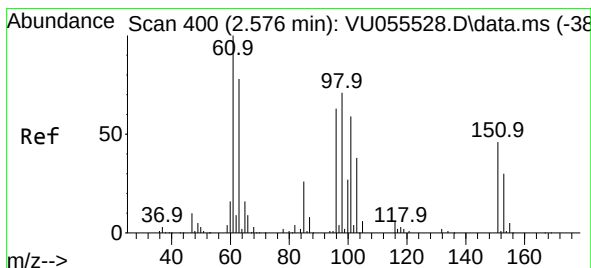
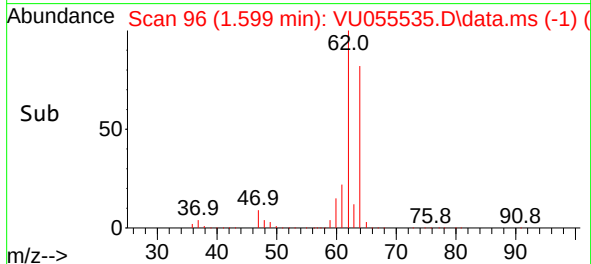
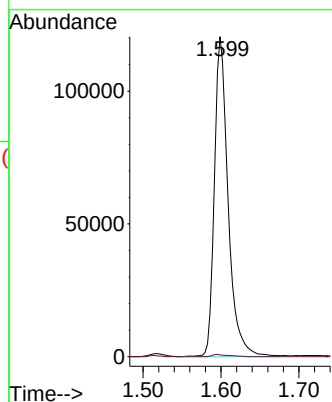
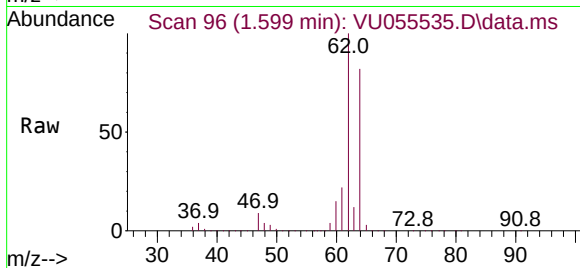




#3
Chloromethane
Concen: 6.706 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.080 min
Lab File: VU055535.D
Acq: 26 Sep 2023 23:30

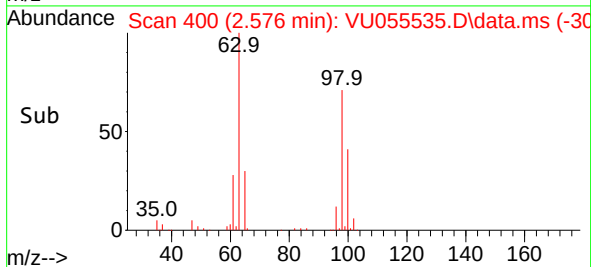
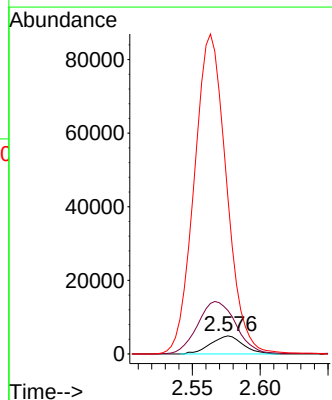
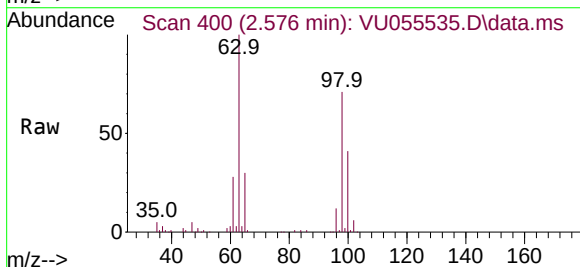
Instrument :
MSVOA_U
ClientSampleId :

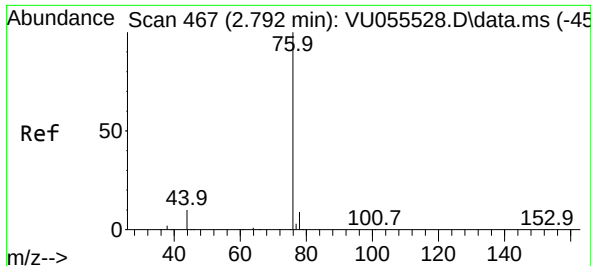
Tgt Ion: 50 Resp: 148346
Ion Ratio Lower Upper
50 100
52 0.6 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 0.450 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055535.D
Acq: 26 Sep 2023 23:30

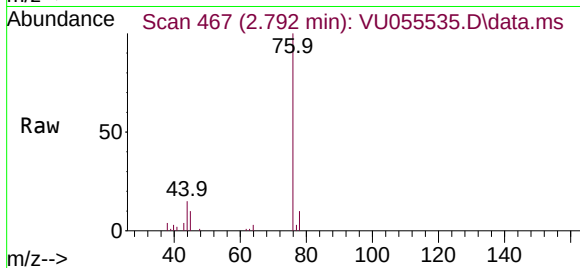
Tgt Ion: 96 Resp: 8127
Ion Ratio Lower Upper
96 100
61 240.3 114.5 212.7#
63 865.7 98.3 182.5#



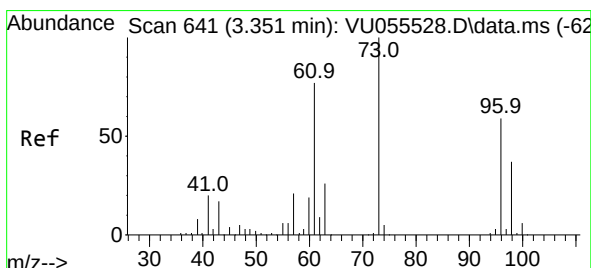
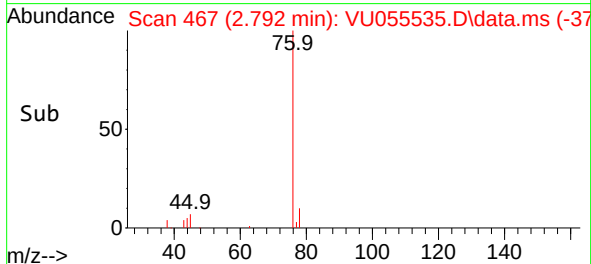
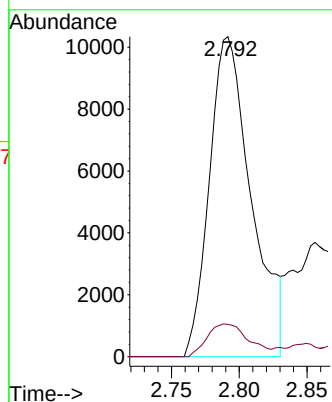


#14
Carbon disulfide
Concen: 0.410 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU055535.D
Acq: 26 Sep 2023 23:30

Instrument :
MSVOA_U
ClientSampleId :

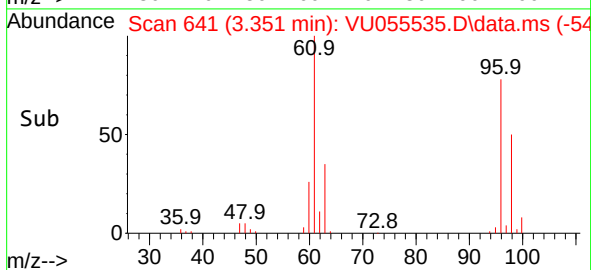
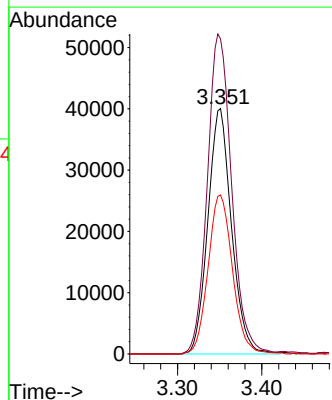
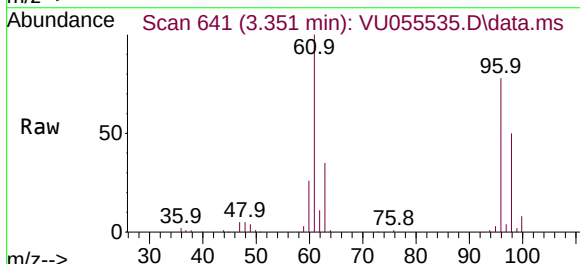


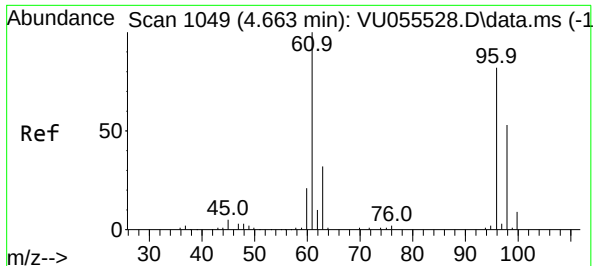
Tgt Ion: 76 Resp: 22237
Ion Ratio Lower Upper
76 100
78 10.1 7.7 11.5



#18
trans-1,2-Dichloroethene
Concen: 4.291 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055535.D
Acq: 26 Sep 2023 23:30

Tgt Ion: 96 Resp: 78105
Ion Ratio Lower Upper
96 100
61 128.3 94.6 175.6
98 64.8 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 611.576 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU055535.D

Acq: 26 Sep 2023 23:30

Instrument :

MSVOA_U

ClientSampleId :

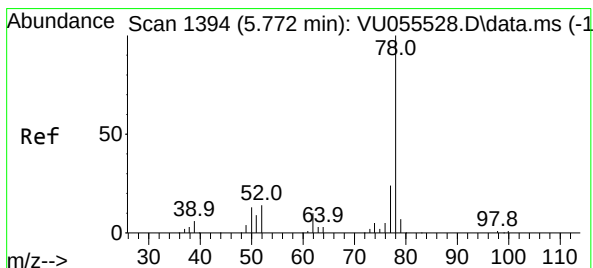
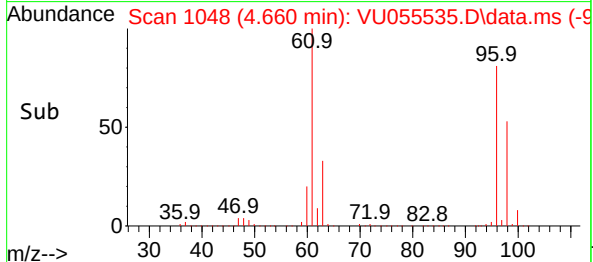
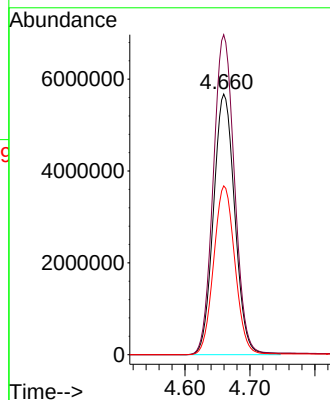
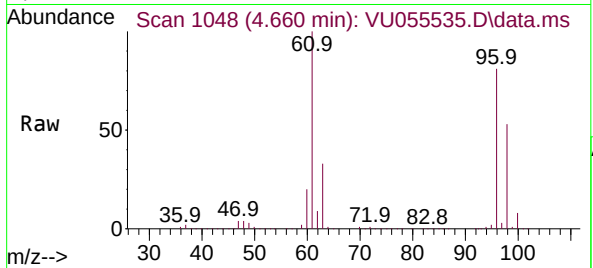
Tgt Ion: 96 Resp:12905649

Ion Ratio Lower Upper

96 100

61 122.7 87.8 163.2

98 64.7 44.4 82.4



#33

Benzene

Concen: 0.478 ug/L

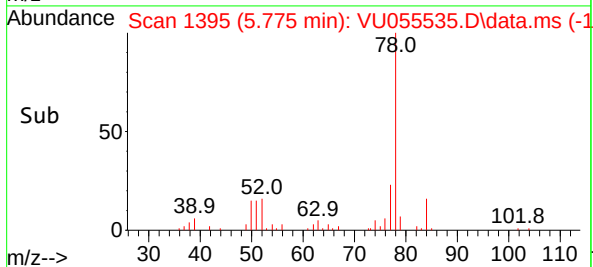
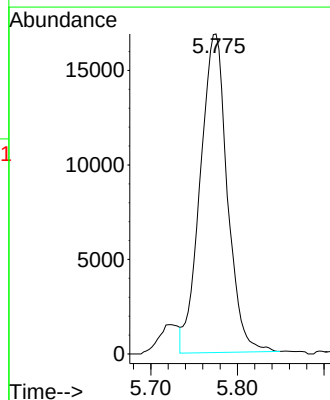
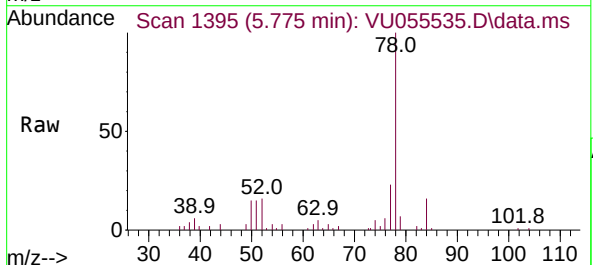
RT: 5.775 min Scan# 1395

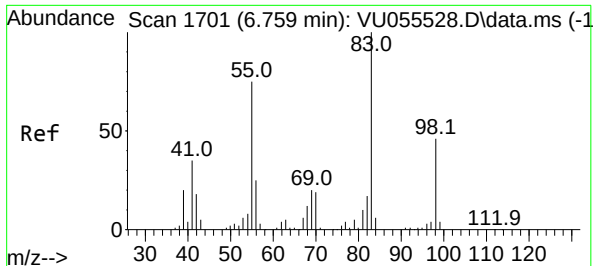
Delta R.T. 0.003 min

Lab File: VU055535.D

Acq: 26 Sep 2023 23:30

Tgt Ion: 78 Resp: 36615





#35

Methylcyclohexane

Concen: 0.951 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055535.D

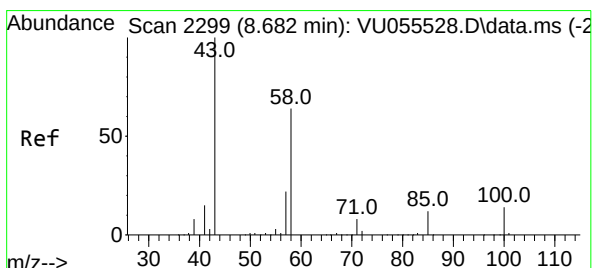
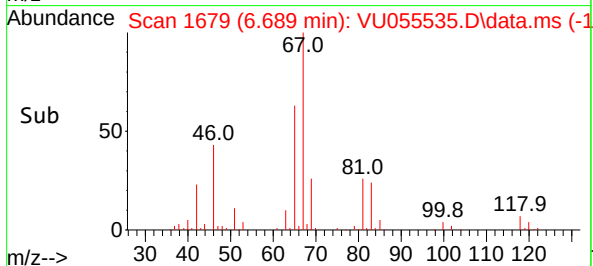
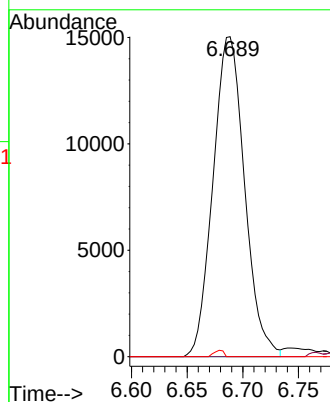
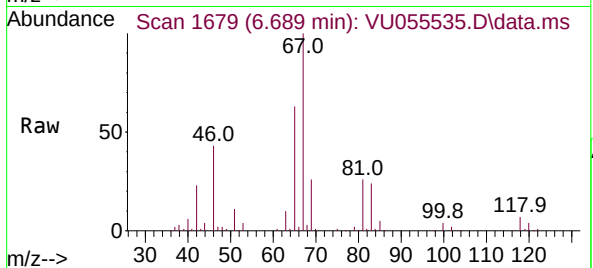
Acq: 26 Sep 2023 23:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 29658
Ion Ratio	Lower Upper
83 100	
55 0.5	59.1 88.7#
98 0.6	36.3 54.5#



#48

2-Hexanone

Concen: 2.953 ug/L

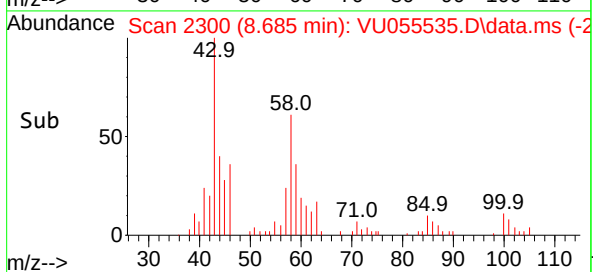
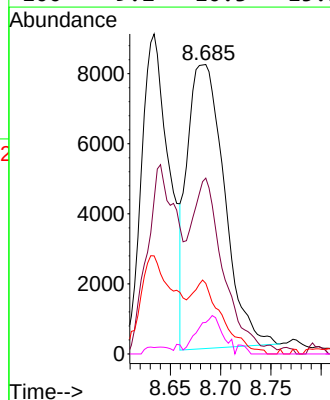
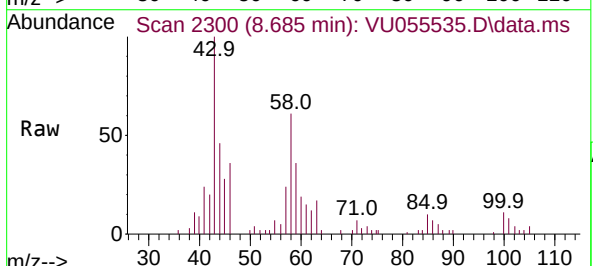
RT: 8.685 min Scan# 2300

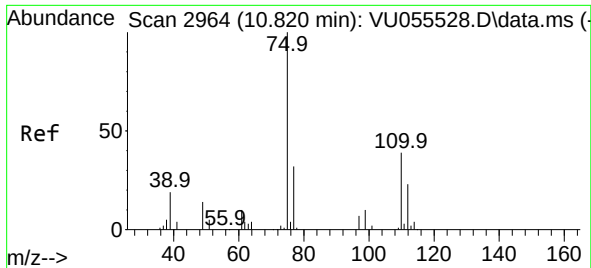
Delta R.T. 0.003 min

Lab File: VU055535.D

Acq: 26 Sep 2023 23:30

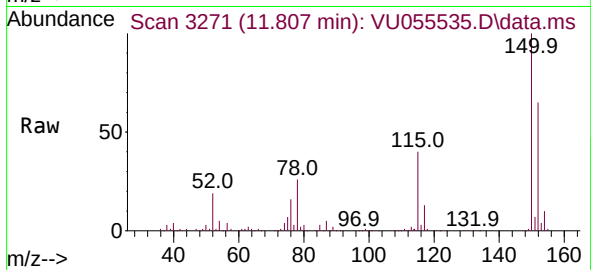
Tgt Ion: 43	Resp: 20780
Ion Ratio	Lower Upper
43 100	
58 48.4	48.5 72.7#
57 21.4	17.0 25.4
100 9.2	10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.430 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055535.D
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Tgt Ion: 75 Resp: 15273
 Ion Ratio Lower Upper
 75 100
 110 2.0 30.6 45.8#
 77 33.9 26.7 40.1

