

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055525.D
 Acq On : 26 Sep 2023 18:39
 Operator : MD/SY
 Sample : 04530-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:51:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

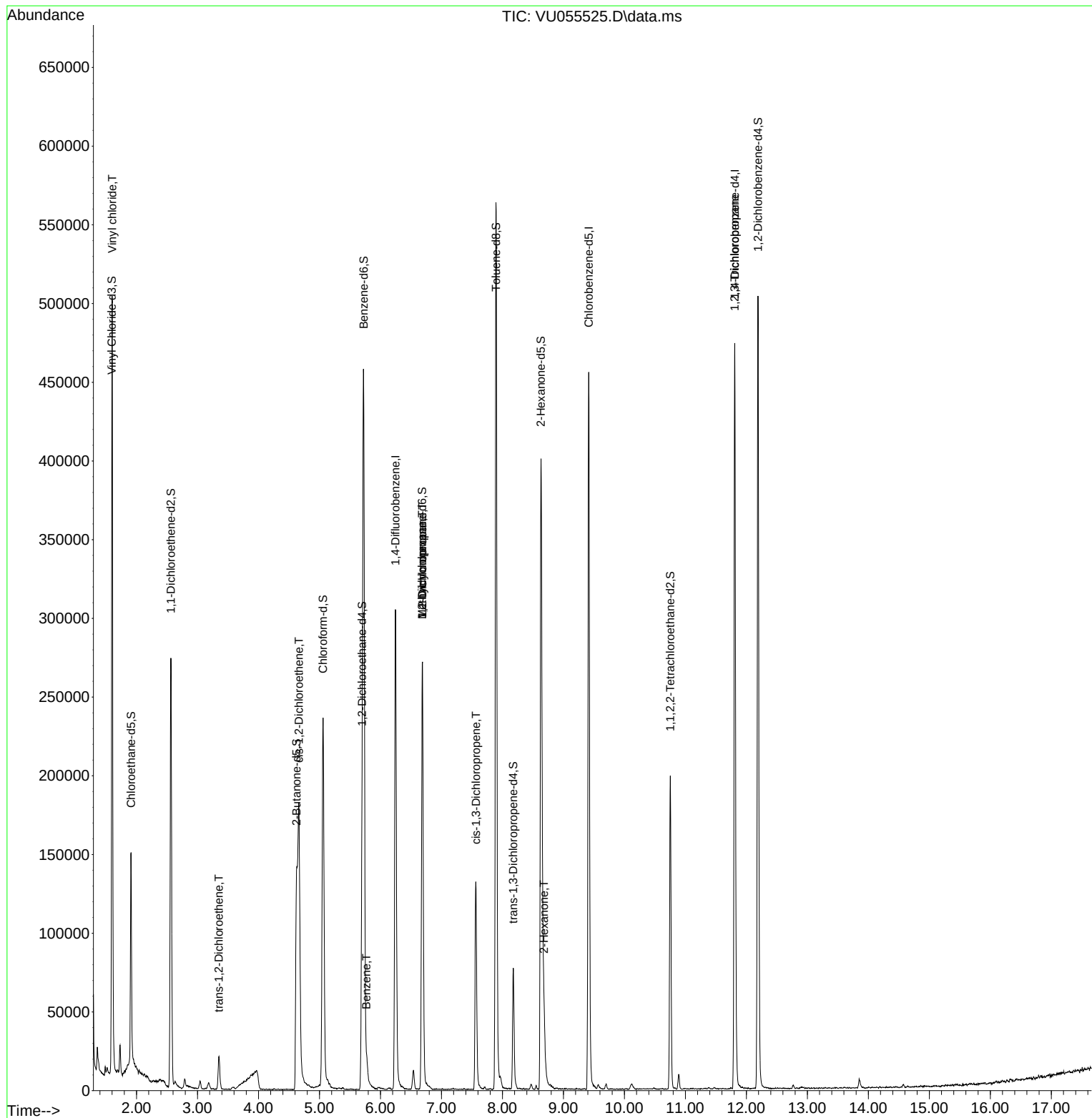
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	268337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	131613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	126850	4.908	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.911	69	95432	4.190	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.800%	
11) 1,1-Dichloroethene-d2	2.563	65	51308	4.823	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.400%	
20) 2-Butanone-d5	4.624	46	223995	47.985	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.960%	
24) Chloroform-d	5.058	84	225561	4.825	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.698	65	107294	4.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.724	84	454370	4.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.685	67	138872	4.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.894	98	398224	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	8.177	79	47966	4.874	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.400%	
46) 2-Hexanone-d5	8.631	63	129762	43.349	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.700%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102853	4.894	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	138070	5.198	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	256883	10.872	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	9618	0.534	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	80763	3.866	ug/L	94
33) Benzene	5.772	78	13919	0.180	ug/L	100
35) Methylcyclohexane	6.685	83	33385	1.061	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	14037	0.695	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	3480	0.129	ug/L #	56
48) 2-Hexanone	8.682	43	24906	3.507	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	16340	1.590	ug/L #	66

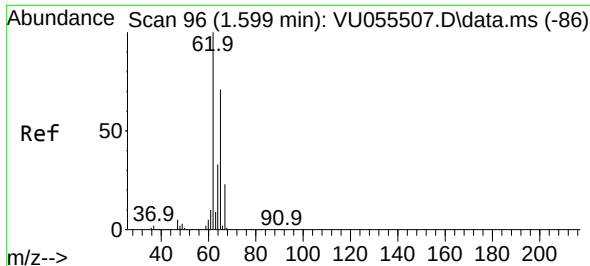
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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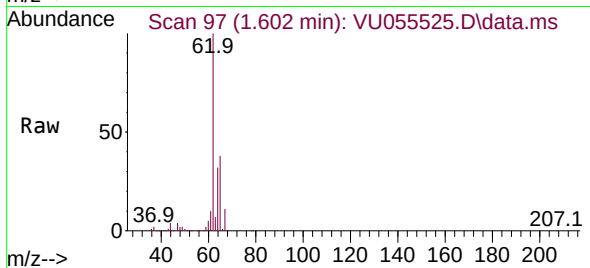
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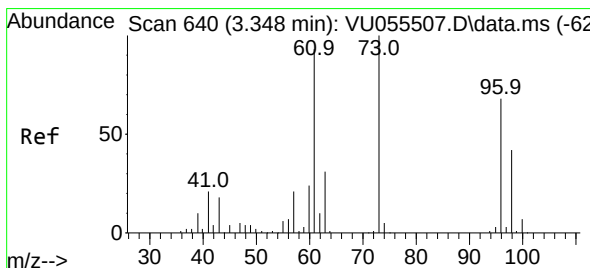
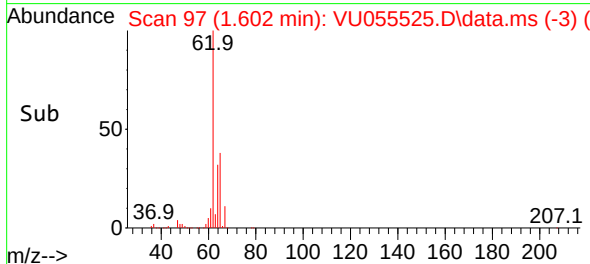
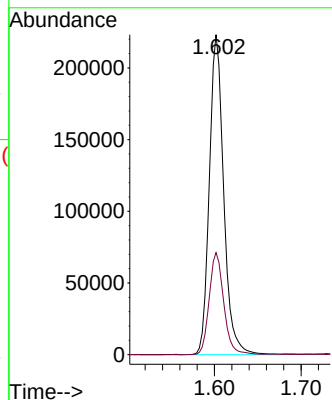


#5
 Vinyl chloride
 Concen: 10.872 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055525.D
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 MSVOA_U
 ClientSampleId :

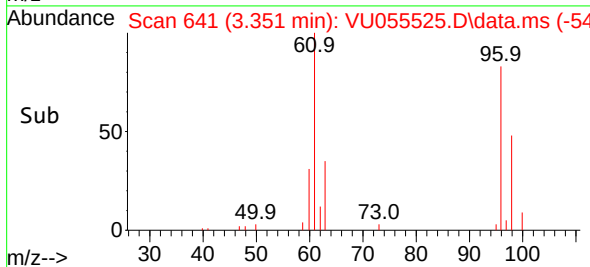
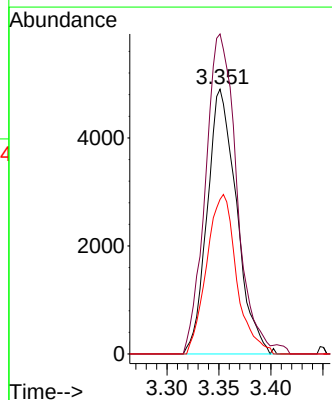
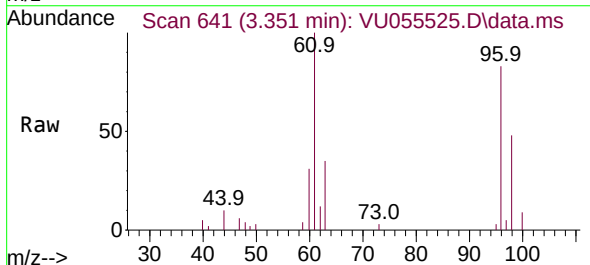


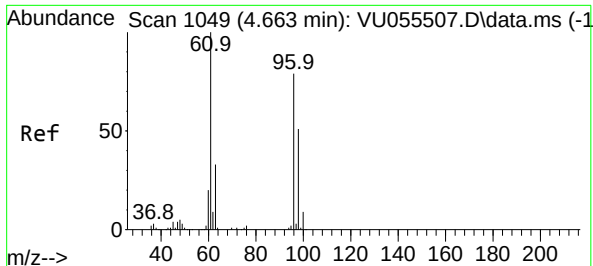
Tgt Ion: 62 Resp: 256883
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.3 41.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.534 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU055525.D
 Acq: 26 Sep 2023 18:39

Tgt Ion: 96 Resp: 9618
 Ion Ratio Lower Upper
 96 100
 61 120.9 94.6 175.6
 98 58.4 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 3.866 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055525.D

Acq: 26 Sep 2023 18:39

Instrument :

MSVOA_U

ClientSampleId :

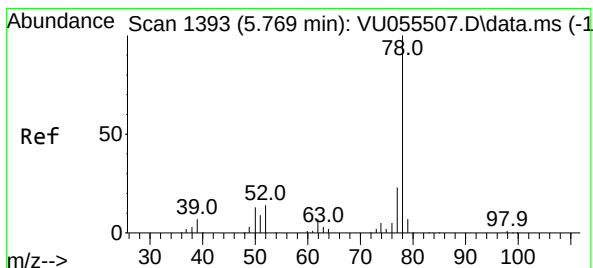
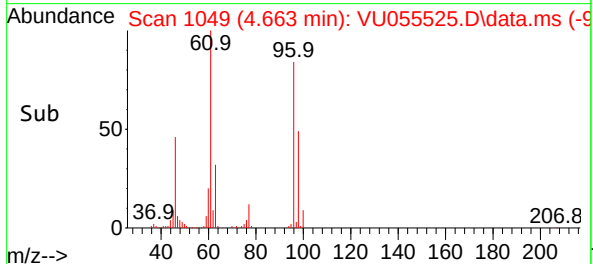
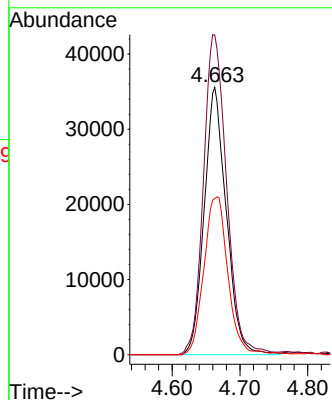
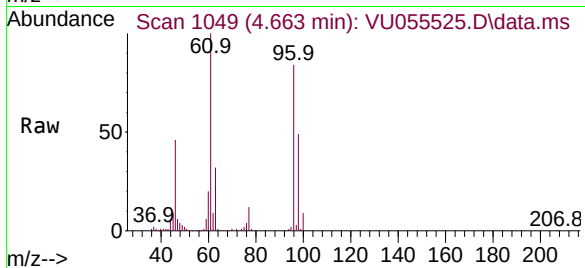
Tgt Ion: 96 Resp: 80763

Ion Ratio Lower Upper

96 100

61 119.6 87.8 163.2

98 58.3 44.4 82.4



#33

Benzene

Concen: 0.180 ug/L

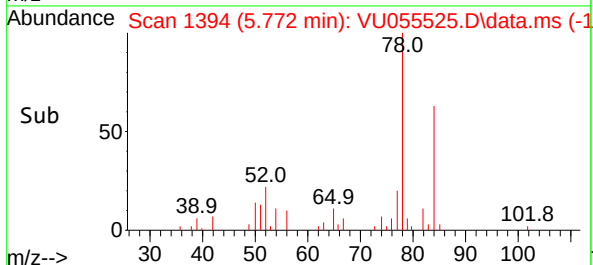
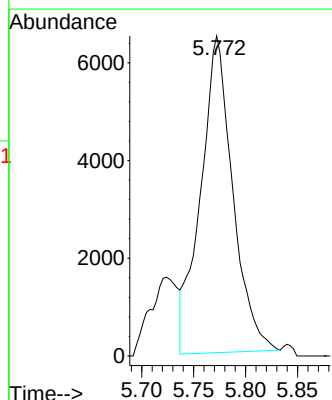
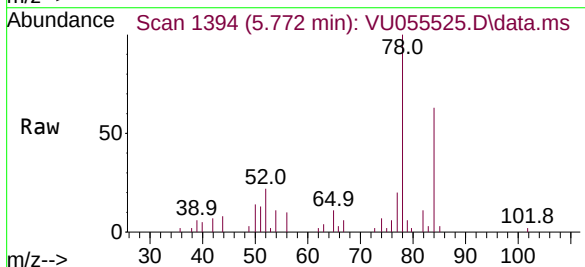
RT: 5.772 min Scan# 1394

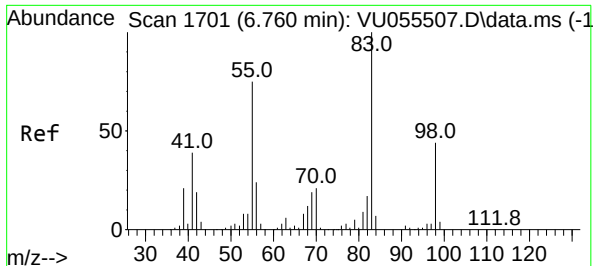
Delta R.T. 0.003 min

Lab File: VU055525.D

Acq: 26 Sep 2023 18:39

Tgt Ion: 78 Resp: 13919

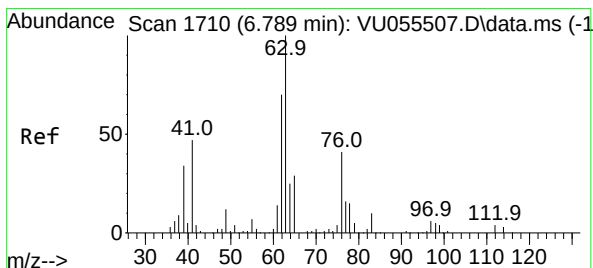
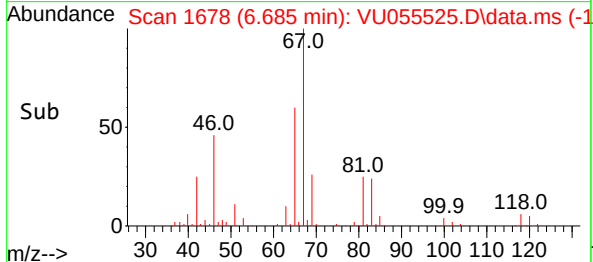
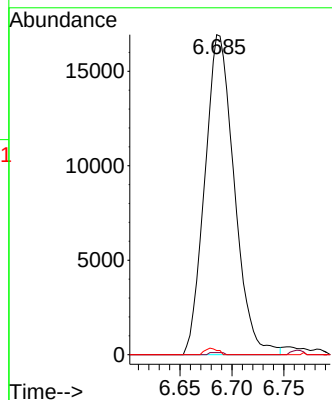
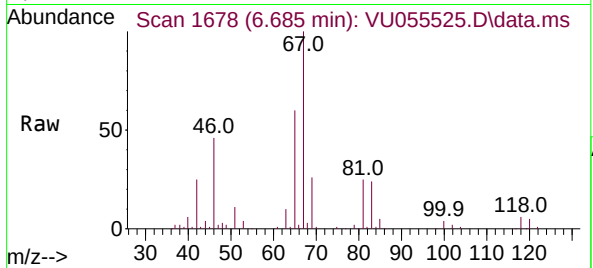




#35
Methylcyclohexane
Concen: 1.061 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055525.D
Acq: 26 Sep 2023 18:39

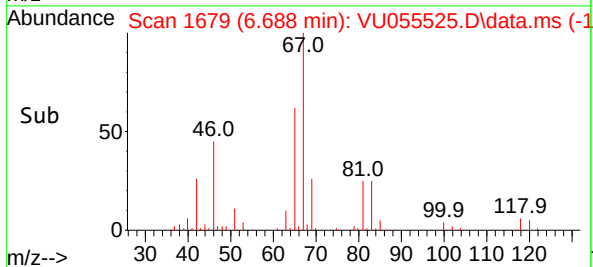
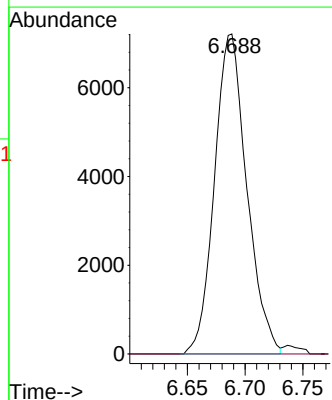
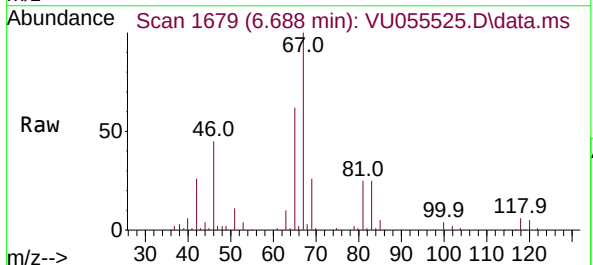
Instrument :
MSVOA_U
ClientSampleId :

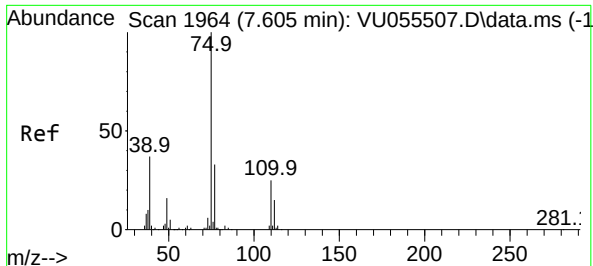
Tgt Ion: 83 Resp: 33385
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 0.9 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055525.D
Acq: 26 Sep 2023 18:39

Tgt Ion: 63 Resp: 14037
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055525.D

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Instrument :

MSVOA_U

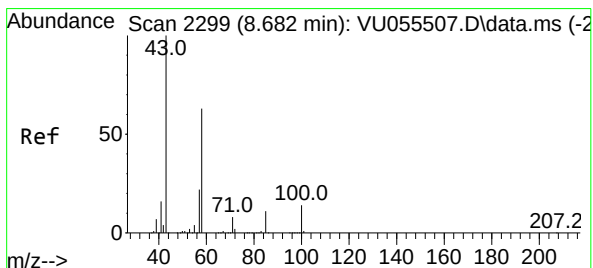
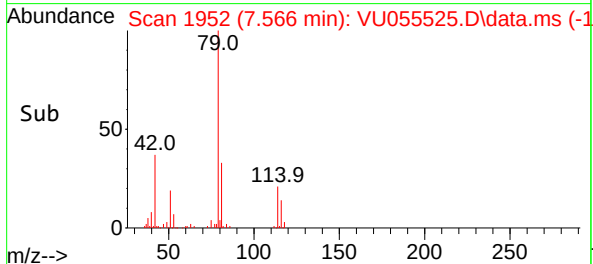
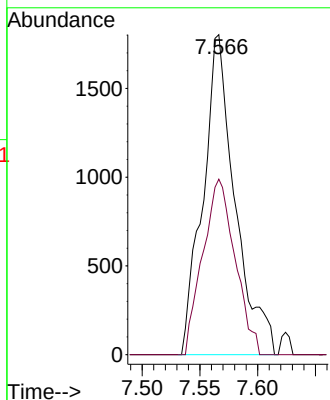
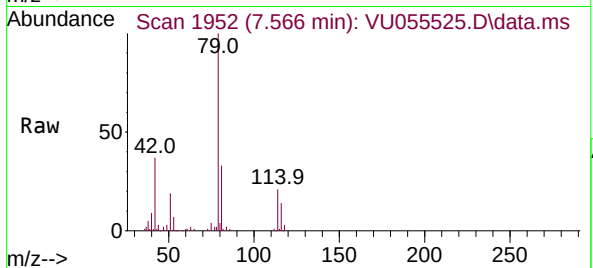
ClientSampleId :

Tgt Ion: 75 Resp: 3480

Ion Ratio Lower Upper

75 100

77 54.9 21.6 40.2#



#48

2-Hexanone

Concen: 3.507 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU055525.D

Acq: 26 Sep 2023 18:39

Tgt Ion: 43 Resp: 24906

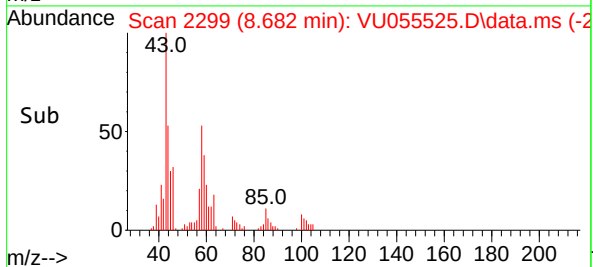
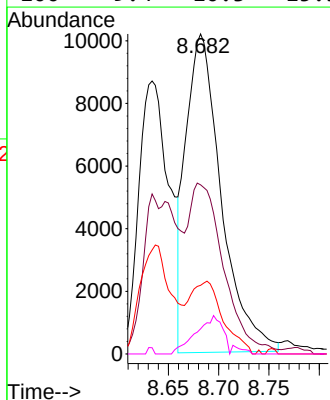
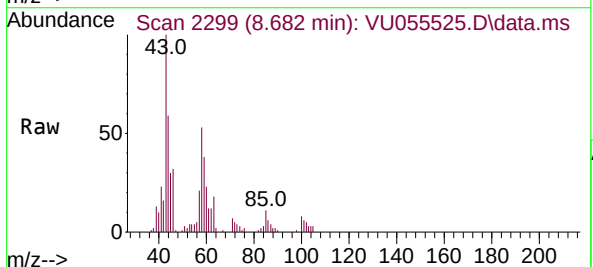
Ion Ratio Lower Upper

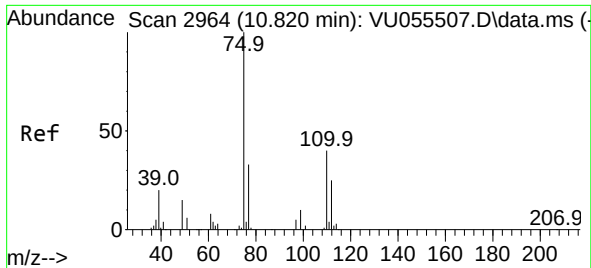
43 100

58 49.5 48.5 72.7

57 21.0 17.0 25.4

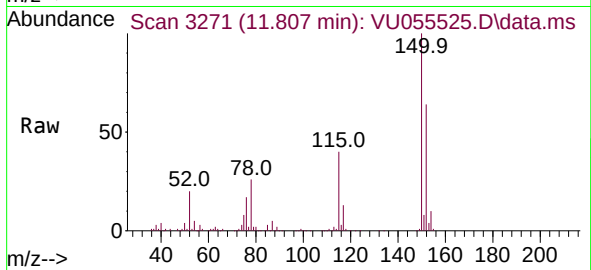
100 9.4 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.590 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055525.D
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 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16340
 Ion Ratio Lower Upper
 75 100
 110 1.5 30.6 45.8#
 77 31.8 26.7 40.1

