

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048026.D
 Acq On : 14 Apr 2022 00:17
 Operator : SY/MD
 Sample : N2386-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J08

Quant Time: Apr 14 07:18:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

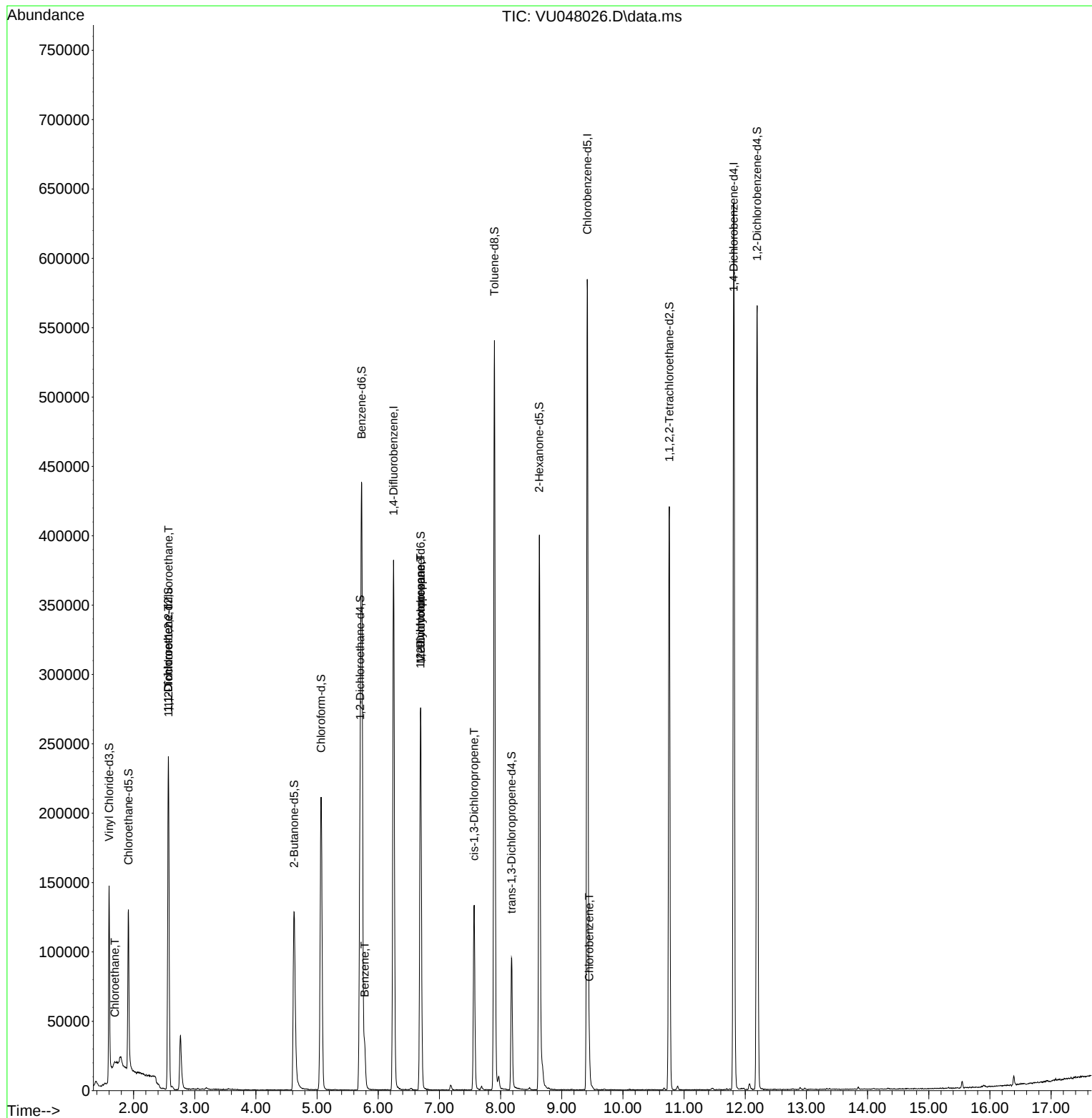
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	328086	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	105016	44.140	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.280%
7) Chloroethane-d5	1.916	69	92931	49.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.080%
11) 1,1-Dichloroethene-d2	2.568	63	137965	31.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.400%
21) 2-Butanone-d5	4.623	46	188265	92.192	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.190%
24) Chloroform-d	5.067	84	201885	46.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	5.703	65	133568	50.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
32) Benzene-d6	5.729	84	411418	47.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.060%
36) 1,2-Dichloropropane-d6	6.694	67	134980	50.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	7.899	98	362029	42.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.960%
43) trans-1,3-Dichloroprop...	8.179	79	55102	40.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.960%
47) 2-Hexanone-d5	8.632	63	135932	86.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.430%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210429	45.639	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.280%
66) 1,2-Dichlorobenzene-d4	12.195	152	161379	50.363	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.720%
Target Compounds						
					Qvalue	
8) Chloroethane	1.694	64	49238	26.438	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1292	0.534	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1070	0.475	ug/L #	1
33) Benzene	5.777	78	29609	2.942	ug/L	100
35) Methylcyclohexane	6.694	83	31367	7.815	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13823	5.403	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3129	0.788	ug/L #	68
51) Chlorobenzene	9.449	112	12525	1.671	ug/L	96

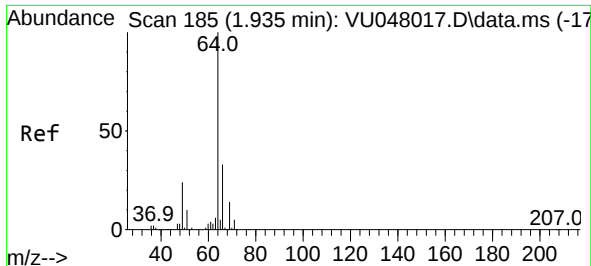
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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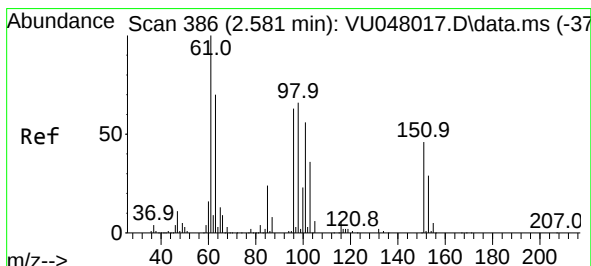
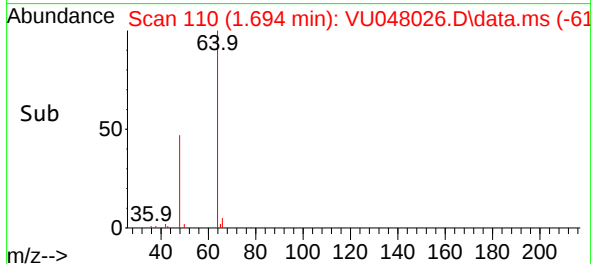
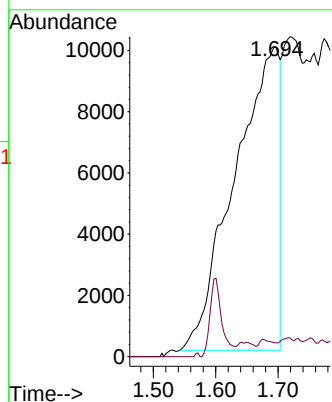
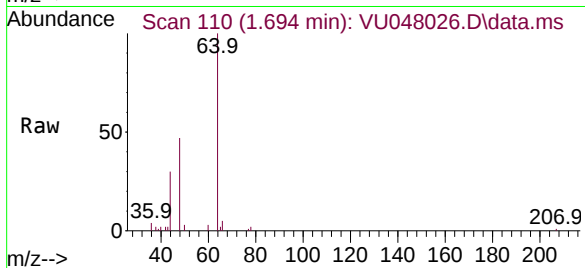




#8
Chloroethane
Concen: 26.438 ug/L
RT: 1.694 min Scan# 11
Delta R.T. -0.242 min
Lab File: VU048026.D
Acq: 14 Apr 2022 00:17

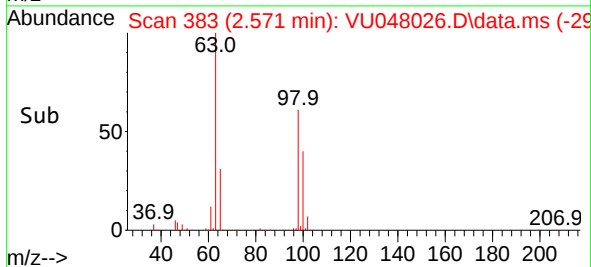
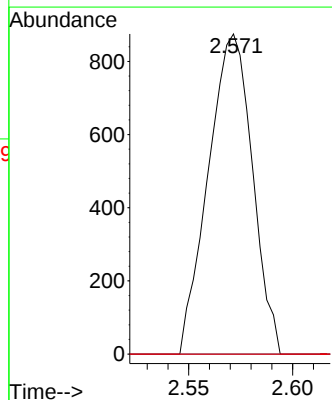
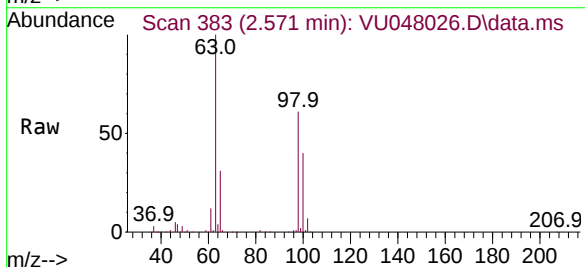
Instrument :
MSVOA_U
ClientSampleId :
C0J08

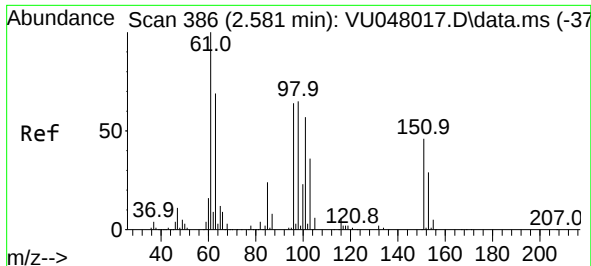
Tgt Ion: 64 Resp: 49238
Ion Ratio Lower Upper
64 100
66 4.6 23.3 43.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.534 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048026.D
Acq: 14 Apr 2022 00:17

Tgt Ion:101 Resp: 1292
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#





#12

1,1-Dichloroethene

Concen: 0.475 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU048026.D

Acq: 14 Apr 2022 00:17

Instrument :

MSVOA_U

ClientSampleId :

C0J08

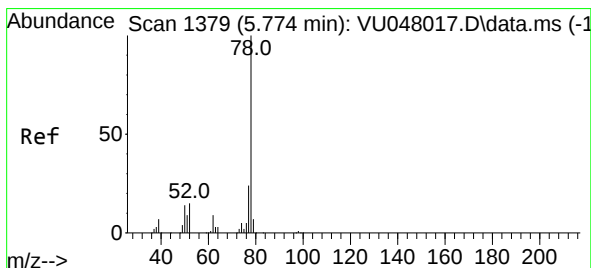
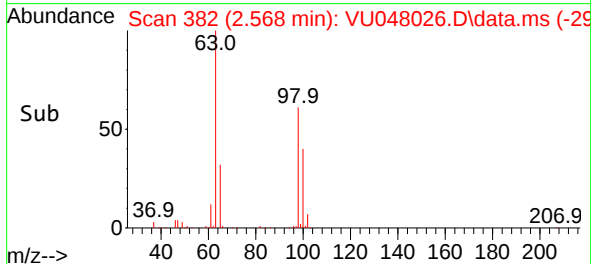
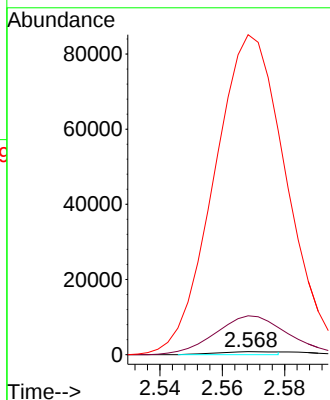
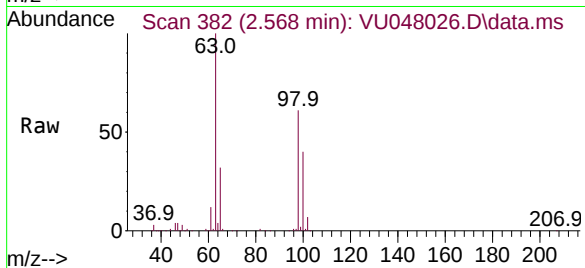
Tgt Ion: 96 Resp: 1070

Ion Ratio Lower Upper

96 100

61 1287.7 113.1 210.1#

63 10615.5 94.8 176.0#



#33

Benzene

Concen: 2.942 ug/L

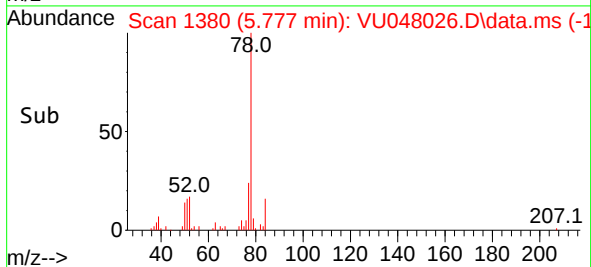
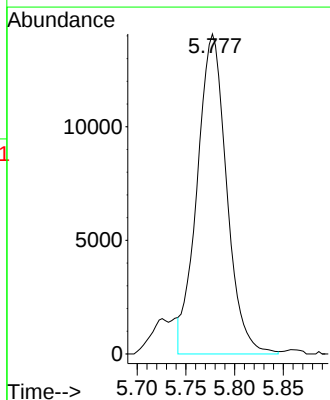
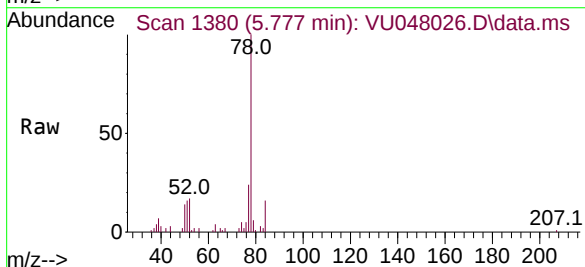
RT: 5.777 min Scan# 1380

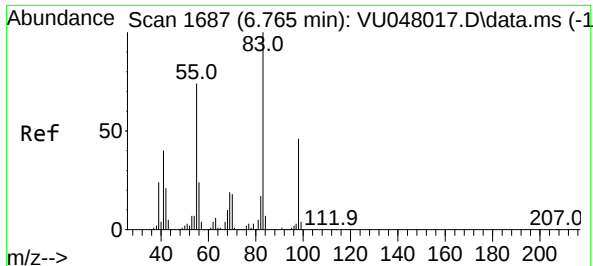
Delta R.T. 0.003 min

Lab File: VU048026.D

Acq: 14 Apr 2022 00:17

Tgt Ion: 78 Resp: 29609

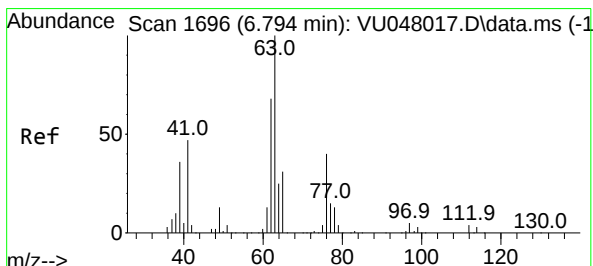
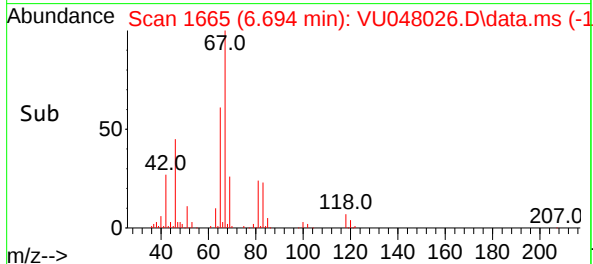
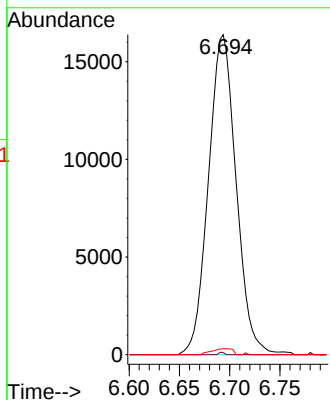
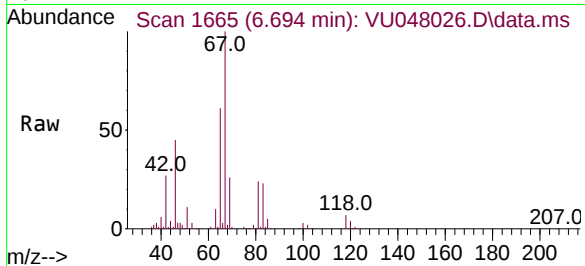




#35
Methylcyclohexane
Concen: 7.815 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU048026.D
Acq: 14 Apr 2022 00:17

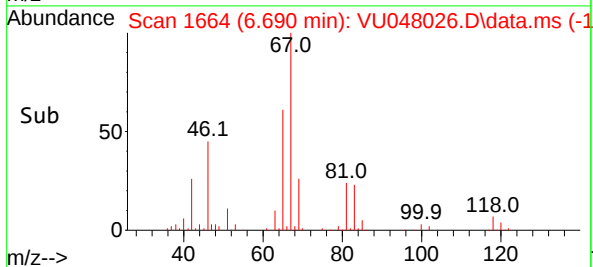
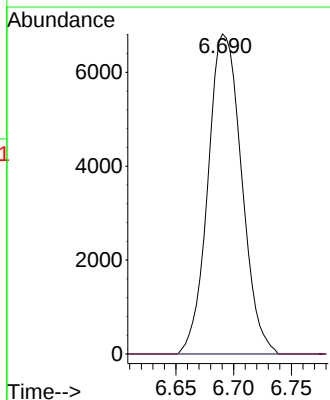
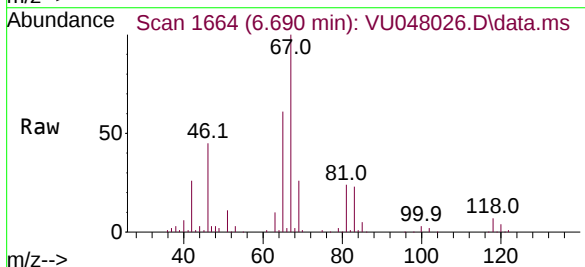
Instrument :
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ClientSampleId :
C0J08

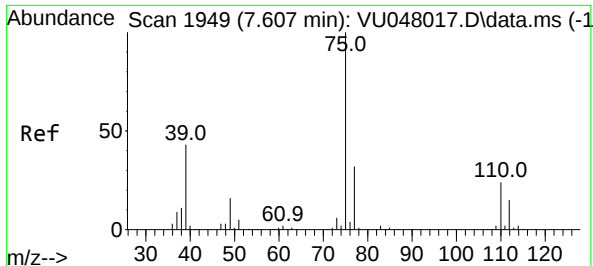
Tgt Ion: 83 Resp: 31367
Ion Ratio Lower Upper
83 100
55 0.1 56.8 85.2#
98 1.2 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 5.403 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048026.D
Acq: 14 Apr 2022 00:17

Tgt Ion: 63 Resp: 13823
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.788 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048026.D

Acq: 14 Apr 2022 00:17

Instrument :

MSVOA_U

ClientSampleId :

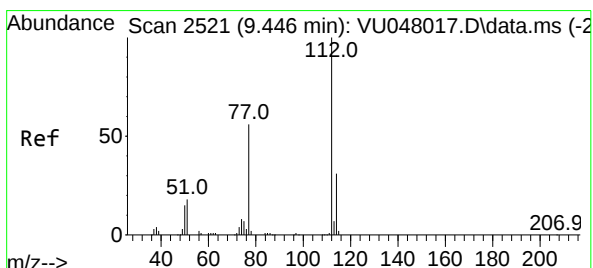
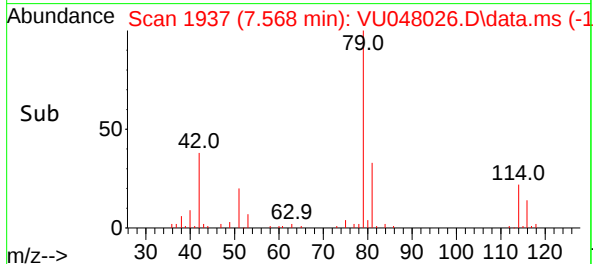
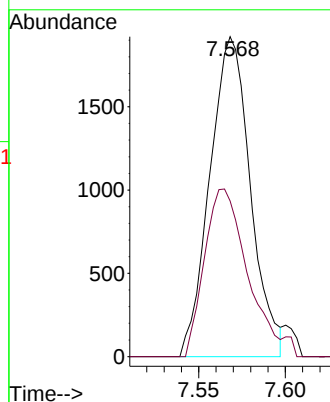
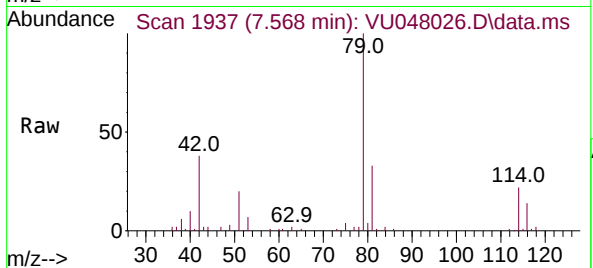
C0J08

Tgt Ion: 75 Resp: 3129

Ion Ratio Lower Upper

75 100

77 48.6 21.8 40.6#



#51

Chlorobenzene

Concen: 1.671 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048026.D

Acq: 14 Apr 2022 00:17

Tgt Ion: 112 Resp: 12525

Ion Ratio Lower Upper

112 100

114 32.7 22.1 41.1

77 58.0 43.4 65.0

