

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050299.D
 Acq On : 12 Aug 2022 22:56
 Operator : SY/MD
 Sample : N4115-20 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:25:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

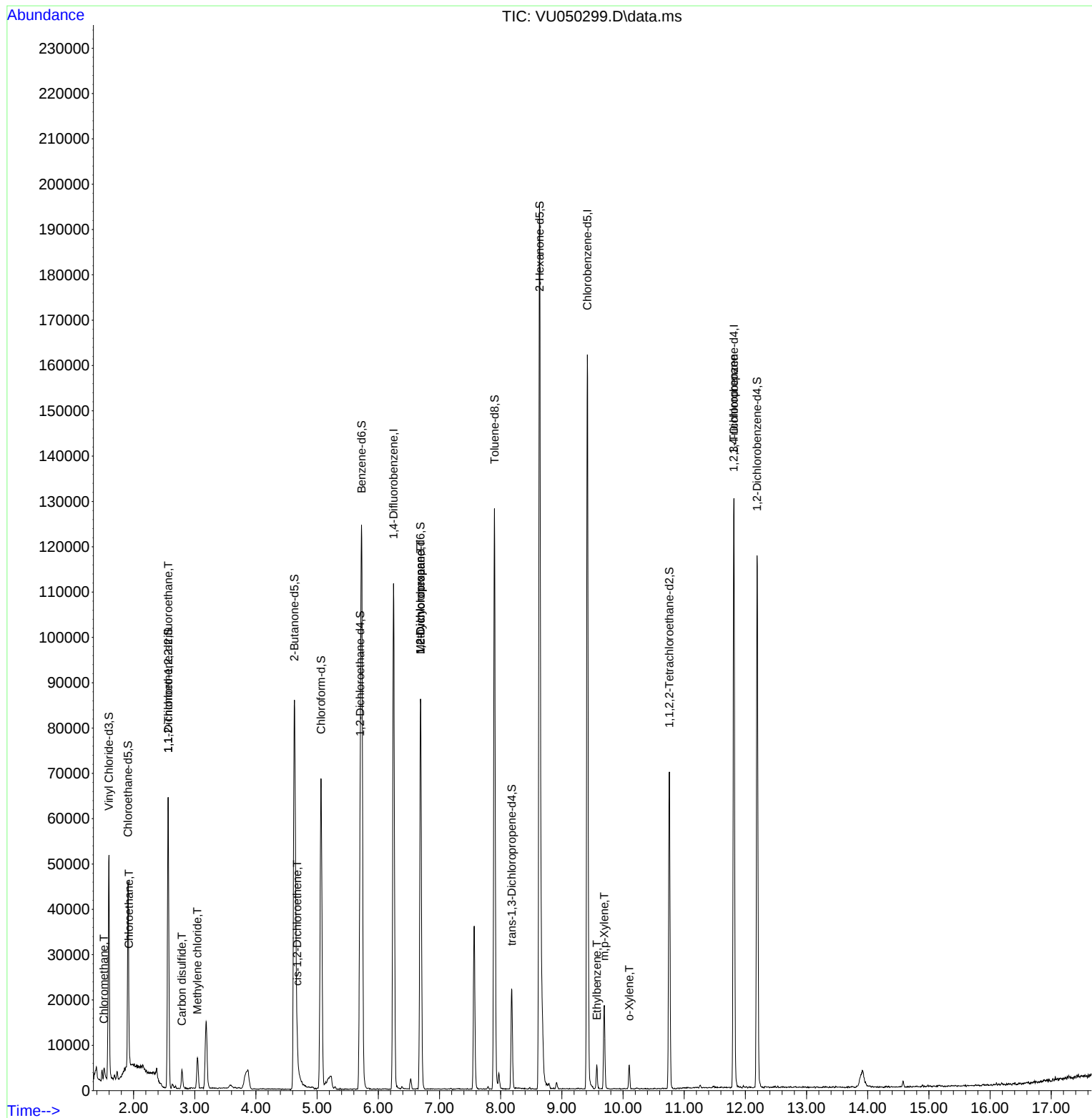
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33347	4.422	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.909	69	29588	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.565	65	11936	4.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.626	46	94960	51.639	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.280%
24) Chloroform-d	5.063	84	63875	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.703	65	34485	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.729	84	118305	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.690	67	42789	4.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.899	98	88273	3.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.182	79	13211	3.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.636	63	61942	52.024	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36727	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	32253	4.651	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	2300	0.212	ug/L	93
8) Chloroethane	1.922	64	8653	1.508	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	320	0.054	ug/L #	22
14) Carbon disulfide	2.790	76	4972	0.222	ug/L	99
16) Methylene chloride	3.041	84	3422	0.358	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	581	0.075	ug/L #	82
35) Methylcyclohexane	6.690	83	9797	0.982	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4456	0.524	ug/L #	89
52) Ethylbenzene	9.571	91	3872	0.124	ug/L	97
53) m,p-Xylene	9.693	106	5237	0.455	ug/L	93
54) o-Xylene	10.102	106	1448	0.126	ug/L	99
61) 1,2,3-Trichloropropane	11.809	75	4445	0.922	ug/L #	67

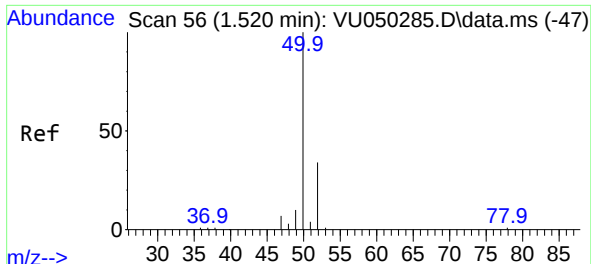
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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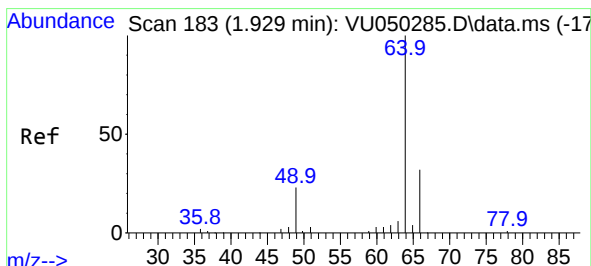
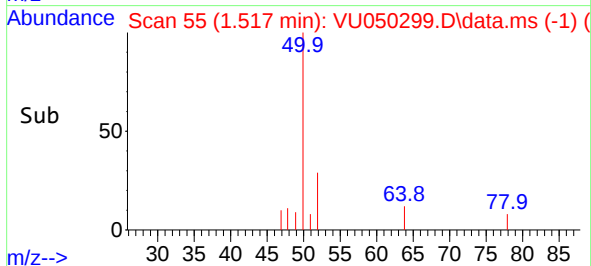
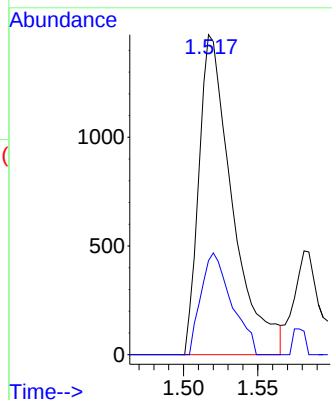
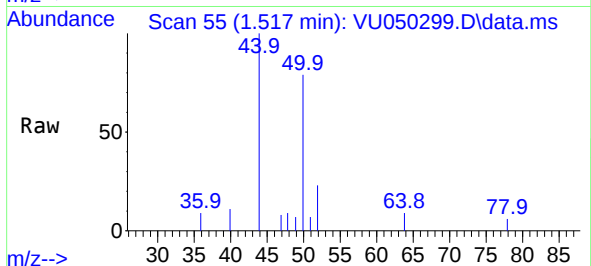




#3
Chloromethane
Concen: 0.212 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

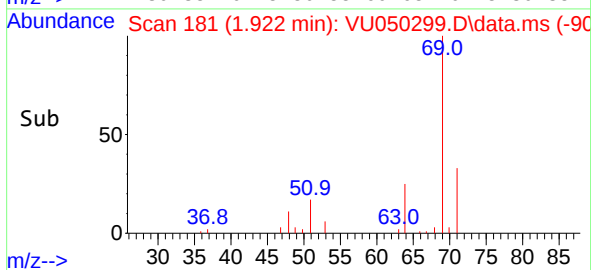
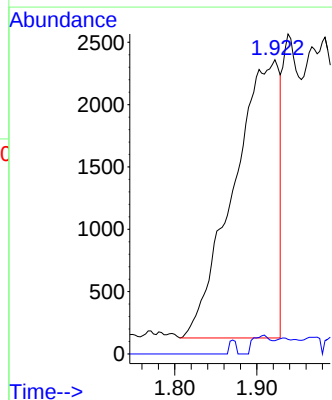
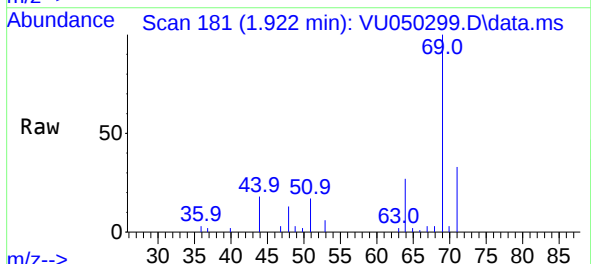
Instrument :
MSVOA_U
ClientSampleId :

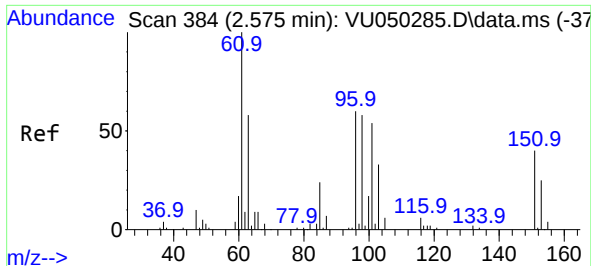
Tgt Ion: 50 Resp: 2300
Ion Ratio Lower Upper
50 100
52 29.4 23.2 43.2



#8
Chloroethane
Concen: 1.508 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.007 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Tgt Ion: 64 Resp: 8653
Ion Ratio Lower Upper
64 100
66 4.5 22.8 42.4#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.054 ug/L

RT: 2.565 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU050299.D

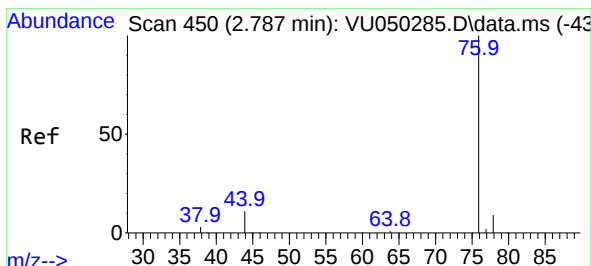
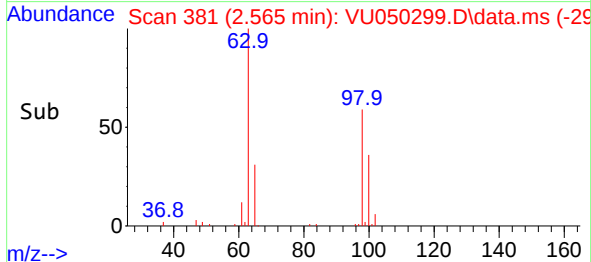
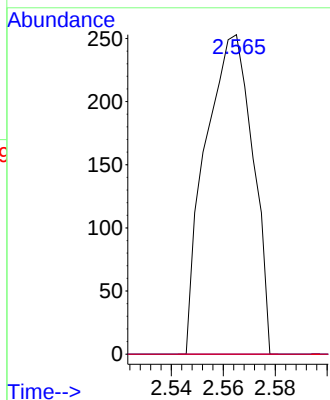
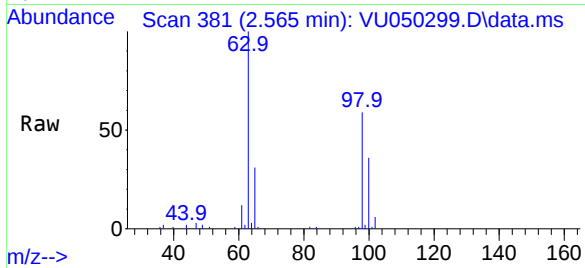
Acq: 12 Aug 2022 22:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	320
Ion	Ratio	Lower Upper
101	100	
85	0.0	35.6 53.4#
151	0.0	55.2 82.8#



#14

Carbon disulfide

Concen: 0.222 ug/L

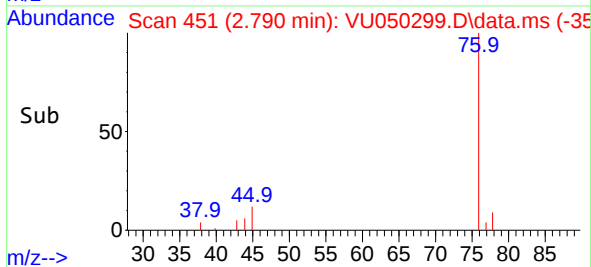
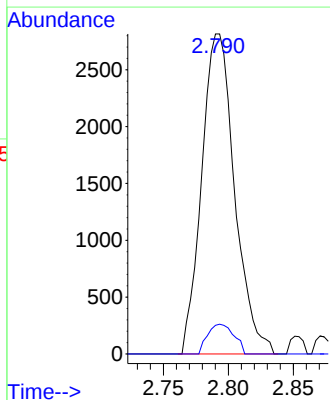
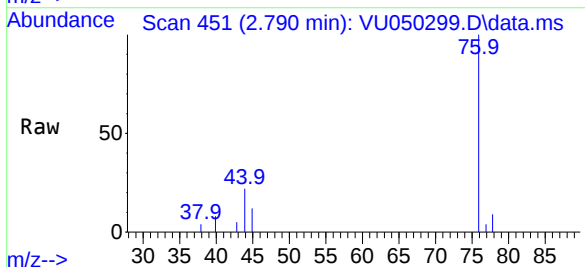
RT: 2.790 min Scan# 451

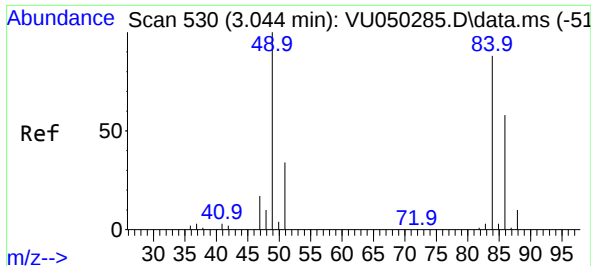
Delta R.T. 0.003 min

Lab File: VU050299.D

Acq: 12 Aug 2022 22:56

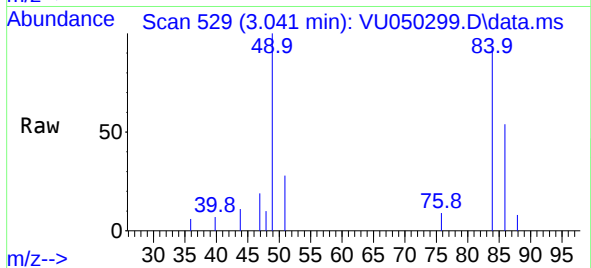
Tgt Ion: 76	Resp:	4972
Ion	Ratio	Lower Upper
76	100	
78	9.0	7.4 11.0



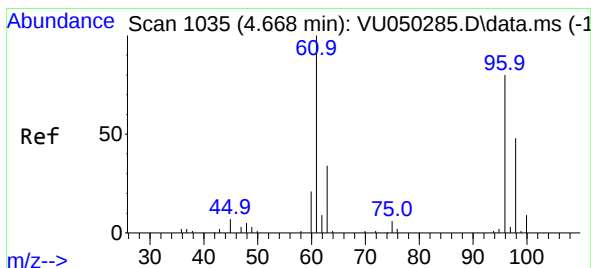
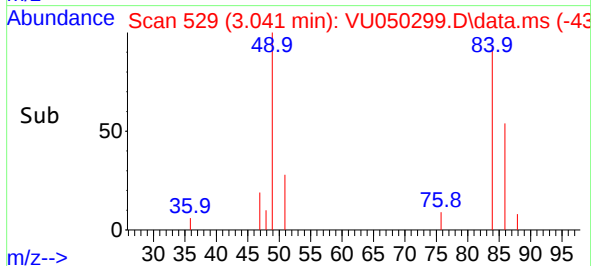
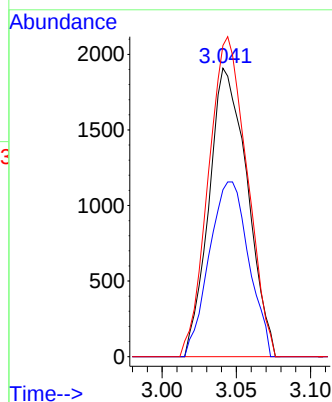


#16
Methylene chloride
Concen: 0.358 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Instrument :
MSVOA_U
ClientSampleId :

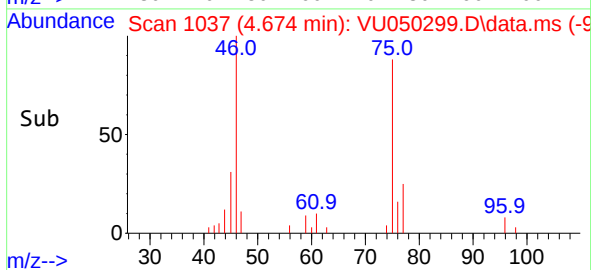
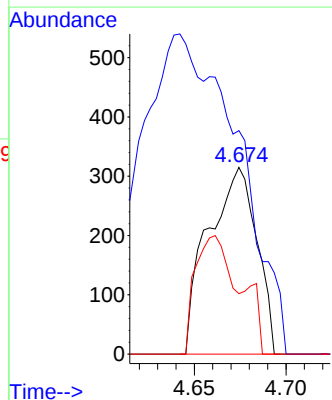
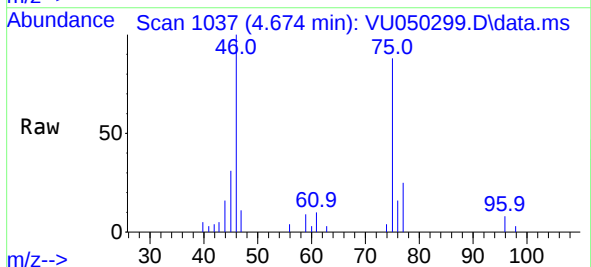


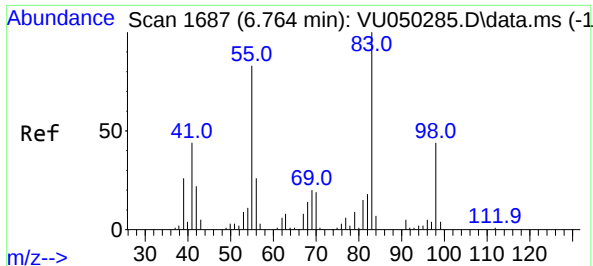
Tgt Ion: 84 Resp: 3422
Ion Ratio Lower Upper
84 100
86 57.9 45.9 85.3
49 107.9 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 0.075 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Tgt Ion: 96 Resp: 581
Ion Ratio Lower Upper
96 100
61 119.7 89.0 165.4
98 32.4 45.2 84.0#





#35

Methylcyclohexane

Concen: 0.982 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050299.D

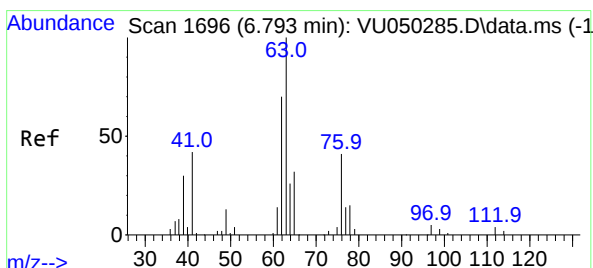
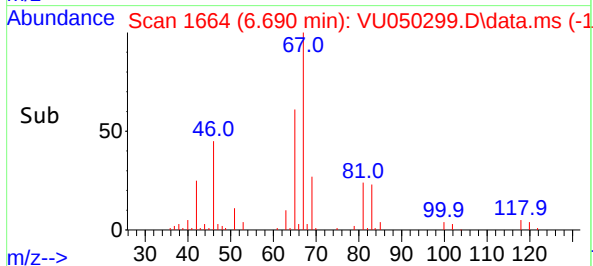
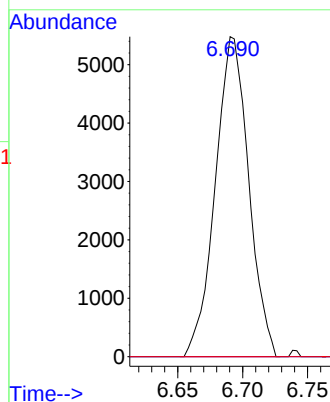
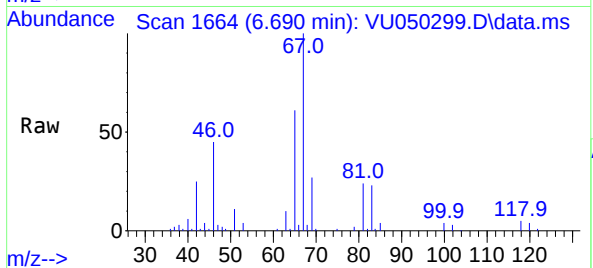
Acq: 12 Aug 2022 22:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9797
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.3	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.524 ug/L

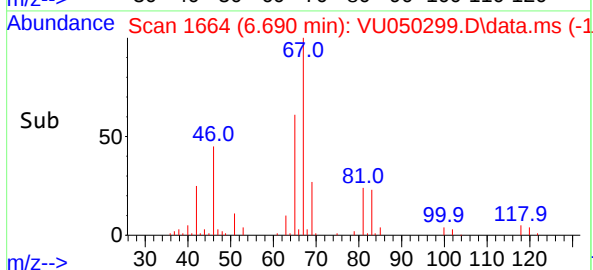
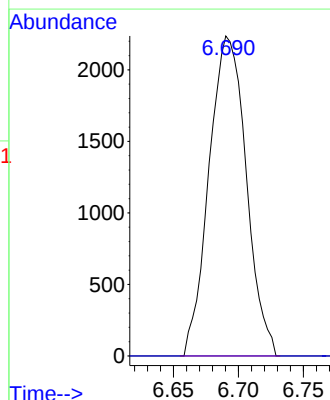
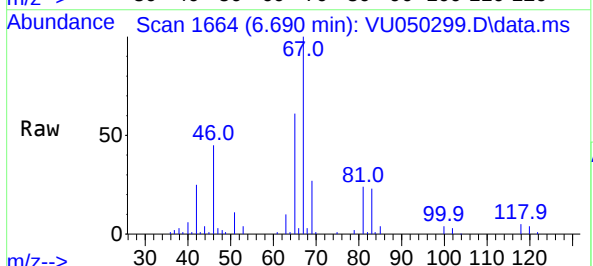
RT: 6.690 min Scan# 1664

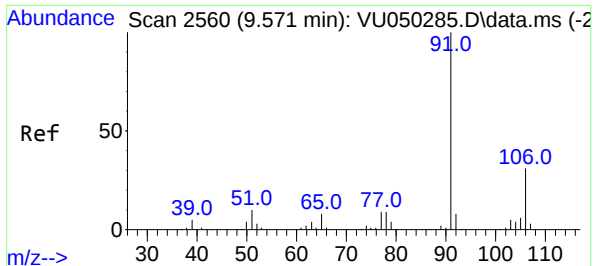
Delta R.T. -0.103 min

Lab File: VU050299.D

Acq: 12 Aug 2022 22:56

Tgt Ion: 63	Resp: 4456
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#

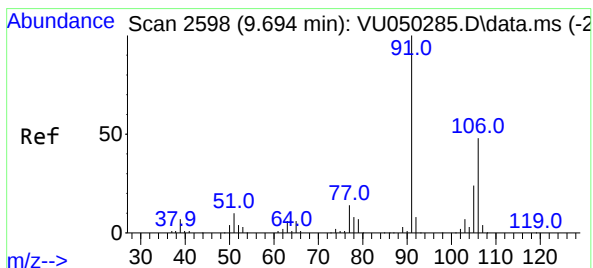
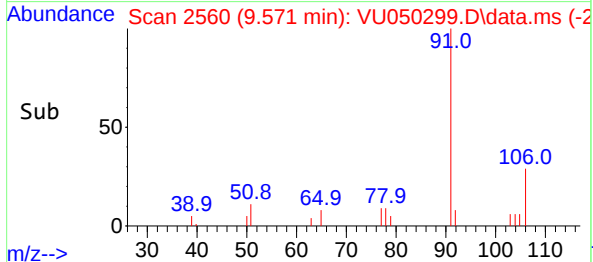
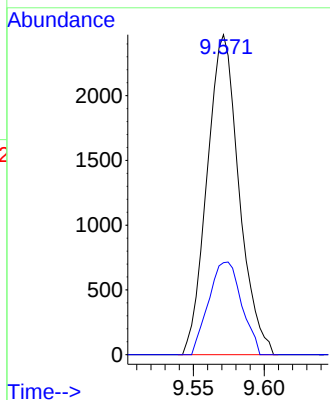
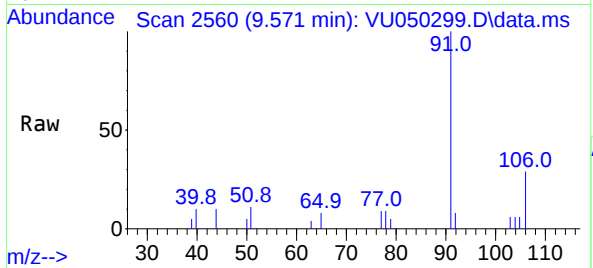




#52
Ethylbenzene
Concen: 0.124 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

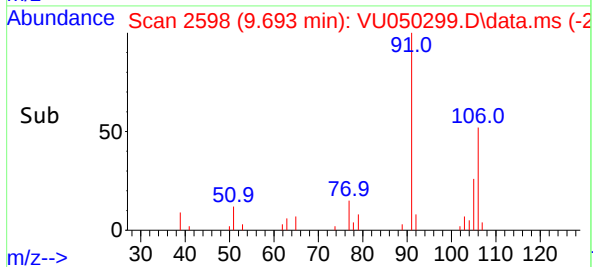
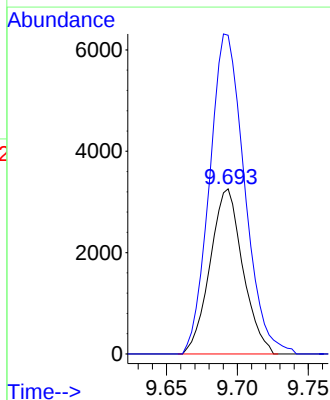
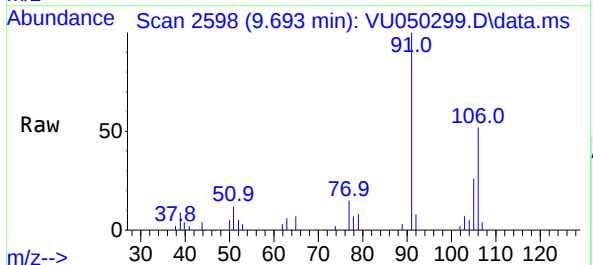
Instrument :
MSVOA_U
ClientSampleId :

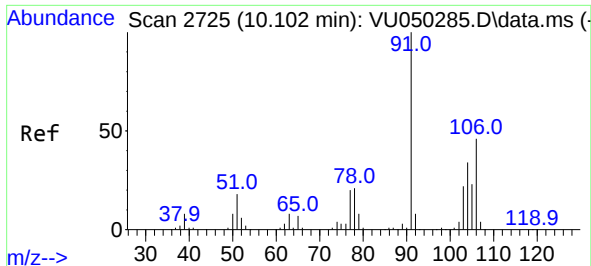
Tgt Ion: 91 Resp: 3872
Ion Ratio Lower Upper
91 100
106 28.8 21.3 39.5



#53
m,p-Xylene
Concen: 0.455 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Tgt Ion: 106 Resp: 5237
Ion Ratio Lower Upper
106 100
91 193.0 143.1 265.9

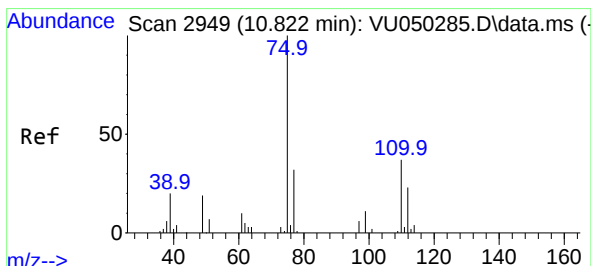
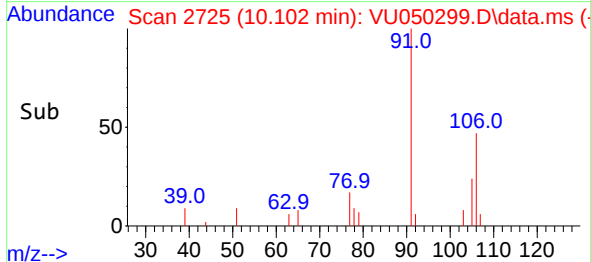
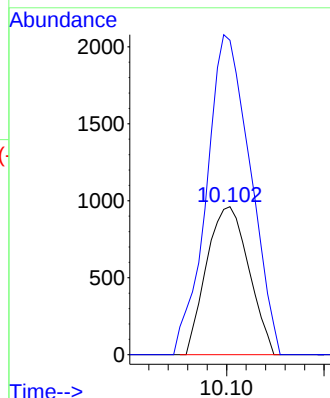
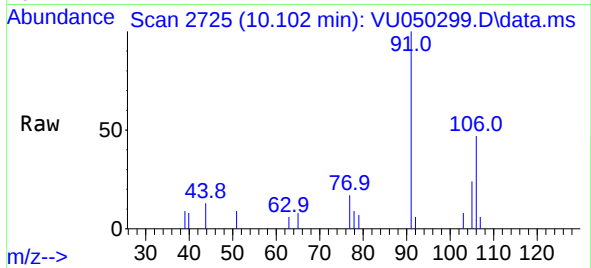




#54
o-Xylene
Concen: 0.126 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
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Acq: 12 Aug 2022 22:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1448
Ion Ratio Lower Upper
106 100
91 212.4 149.4 277.4



#61
1,2,3-Trichloropropane
Concen: 0.922 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Tgt Ion: 75 Resp: 4445
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 33.1 25.8 38.6

