

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051728.D
 Acq On : 03 Nov 2022 12:54
 Operator : JC/MD
 Sample : N5301-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN4

Quant Time: Nov 04 00:50:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

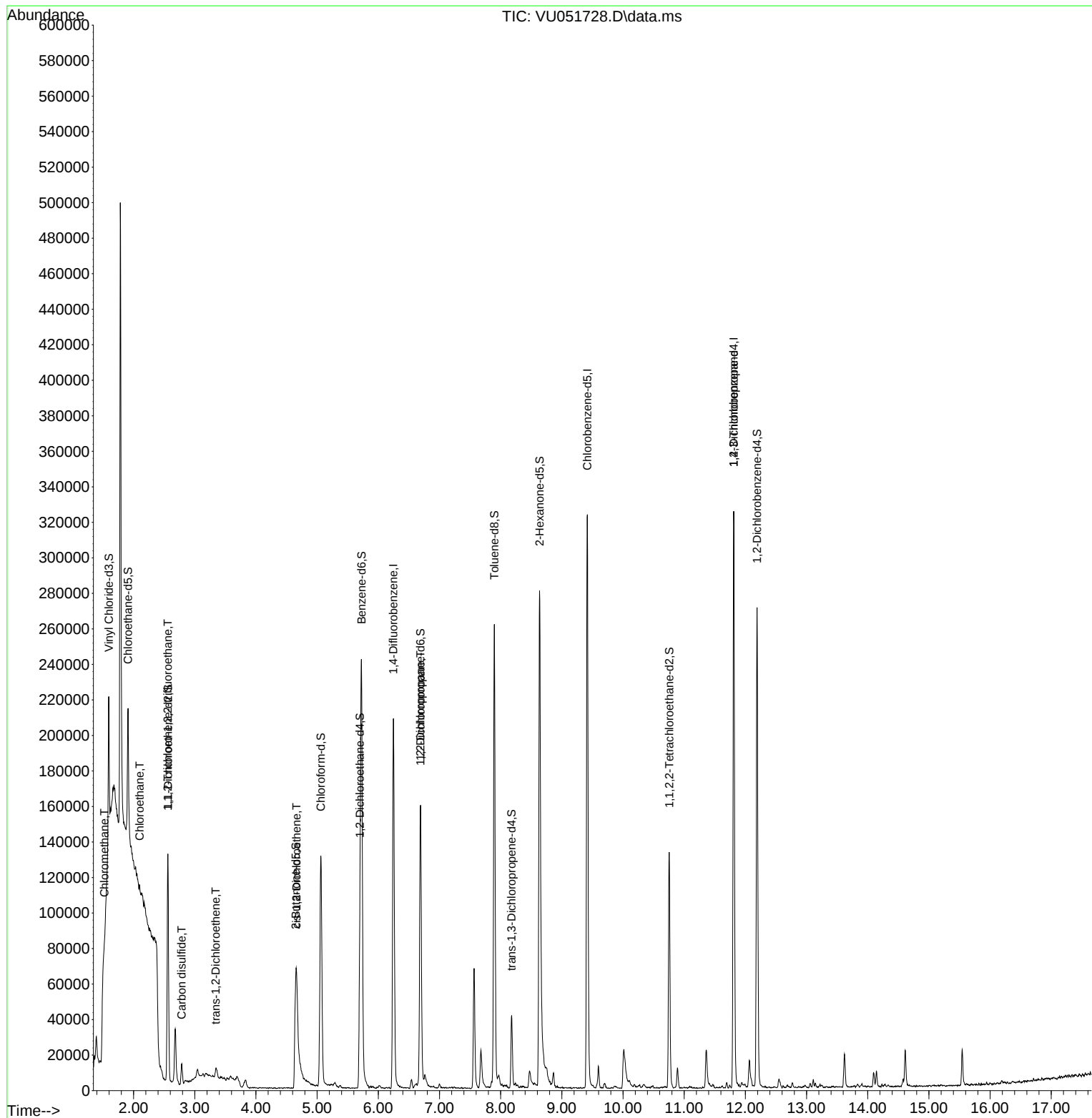
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	174201	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190154	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	60296	4.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.909	69	53424	3.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.562	65	23791	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.652	46	115290	24.264	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	48.520%
24) Chloroform-d	5.060	84	126558	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.700	65	62506	3.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
32) Benzene-d6	5.726	84	229420	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.690	67	80204	3.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.896	98	182578	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.179	79	23594	3.677	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.636	63	109154	28.262	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.520%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	69949	3.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	74487	4.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	5479	0.228	ug/L #	70
8) Chloroethane	2.099	64	6718	0.481	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	662	0.045	ug/L #	19
14) Carbon disulfide	2.787	76	15962	0.327	ug/L	99
18) trans-1,2-Dichloroethene	3.343	96	2352	0.145	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	15622	0.869	ug/L	97
37) 1,2-Dichloropropane	6.687	63	8228	0.426	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	11151	0.960	ug/L #	69

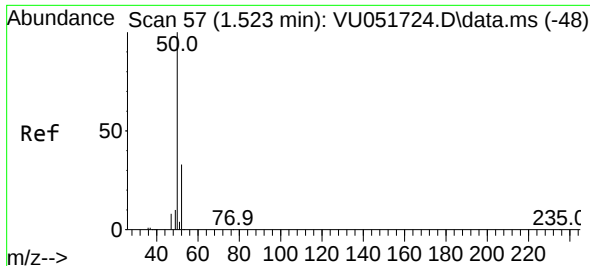
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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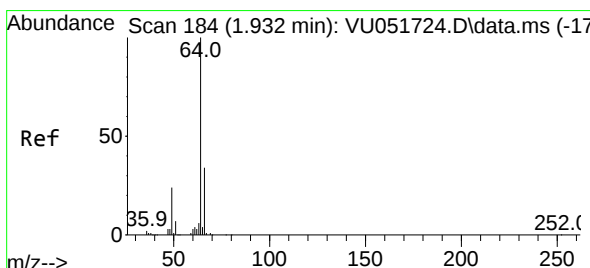
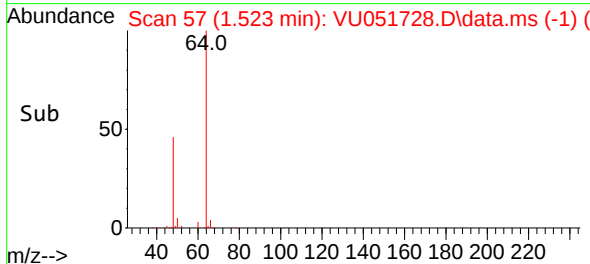
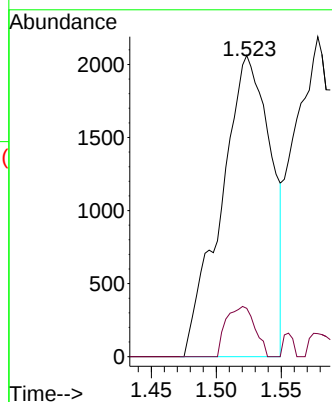
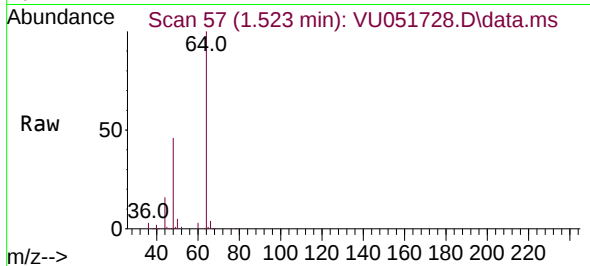




#3
Chloromethane
Concen: 0.228 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051728.D
Acq: 03 Nov 2022 12:54

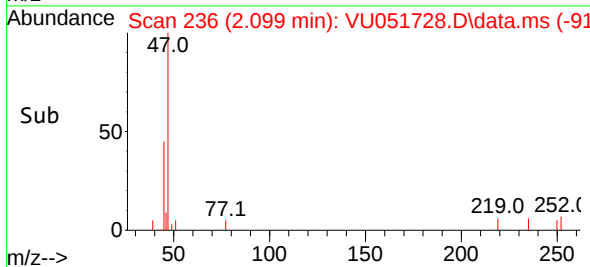
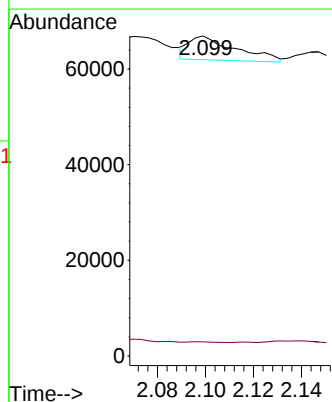
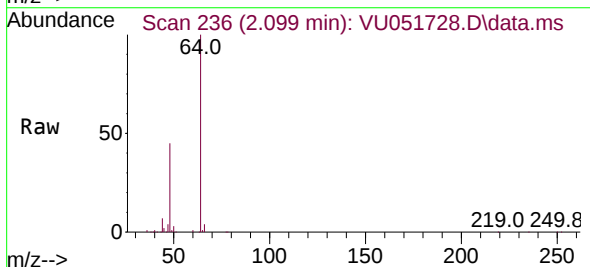
Instrument :
MSVOA_U
ClientSampleId :
DBWN4

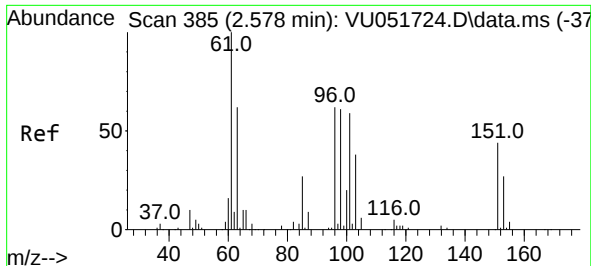
Tgt Ion: 50 Resp: 5479
Ion Ratio Lower Upper
50 100
52 16.0 23.2 43.2#



#8
Chloroethane
Concen: 0.481 ug/L
RT: 2.099 min Scan# 236
Delta R.T. 0.167 min
Lab File: VU051728.D
Acq: 03 Nov 2022 12:54

Tgt Ion: 64 Resp: 6718
Ion Ratio Lower Upper
64 100
66 4.4 22.3 41.5#

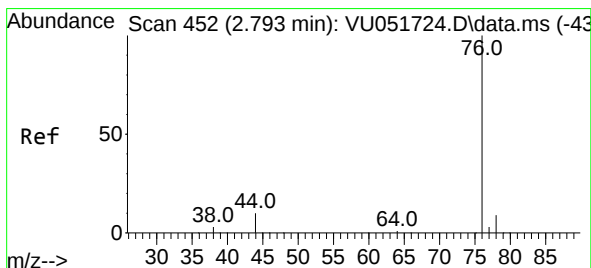
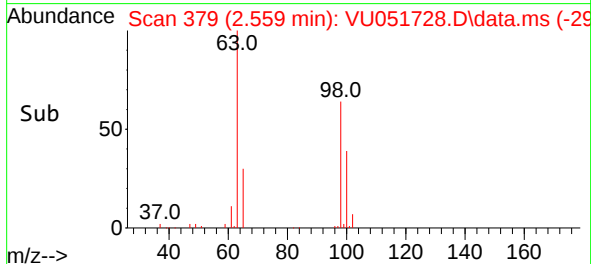
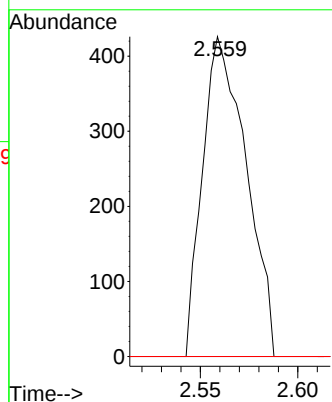
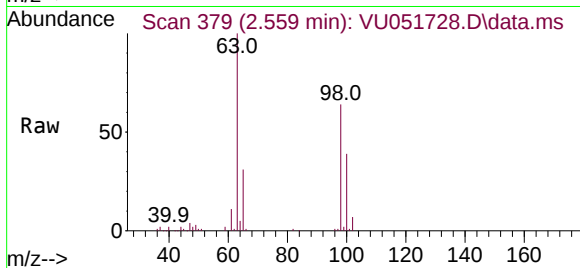




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.045 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU051728.D
 Acq: 03 Nov 2022 12:54

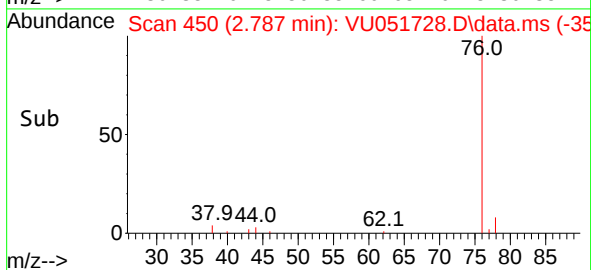
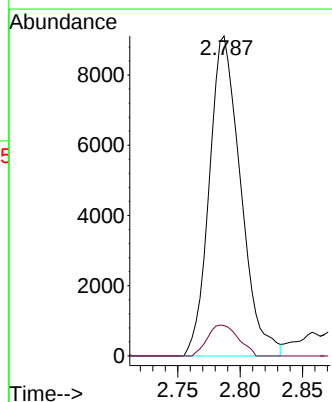
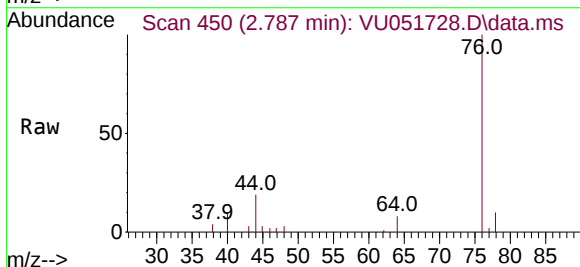
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN4

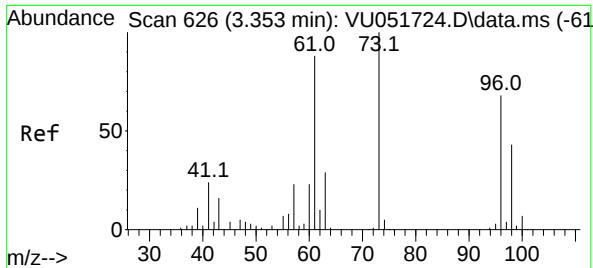
Tgt Ion:101 Resp: 662
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#14
 Carbon disulfide
 Concen: 0.327 ug/L
 RT: 2.787 min Scan# 450
 Delta R.T. -0.006 min
 Lab File: VU051728.D
 Acq: 03 Nov 2022 12:54

Tgt Ion: 76 Resp: 15962
 Ion Ratio Lower Upper
 76 100
 78 9.5 7.4 11.2

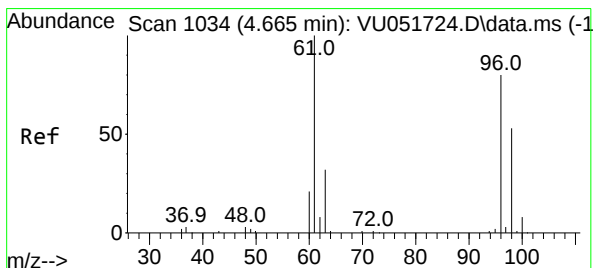
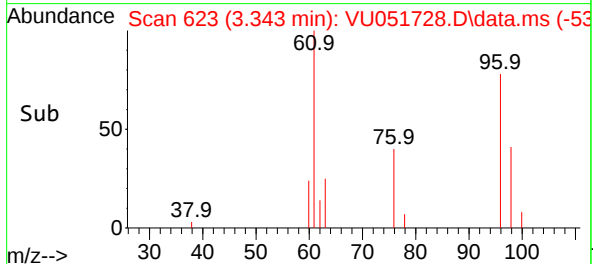
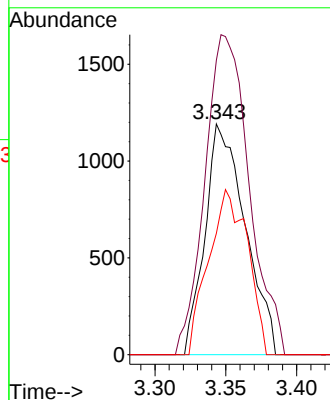
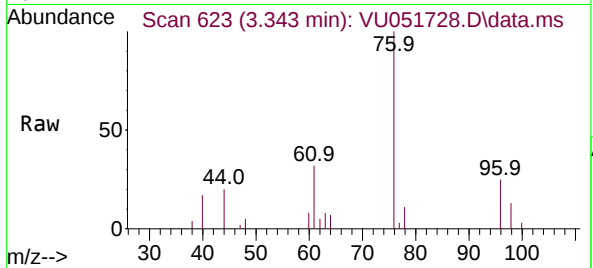




#18
trans-1,2-Dichloroethene
Concen: 0.145 ug/L
RT: 3.343 min Scan# 61
Delta R.T. -0.009 min
Lab File: VU051728.D
Acq: 03 Nov 2022 12:54

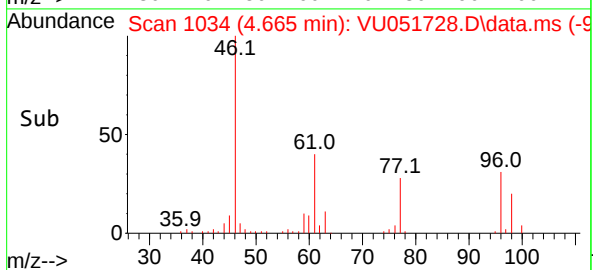
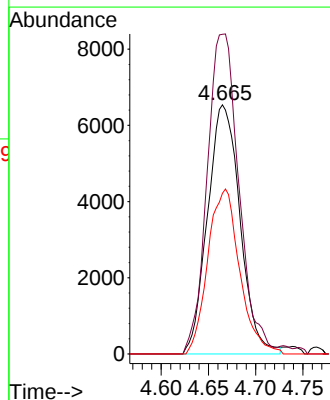
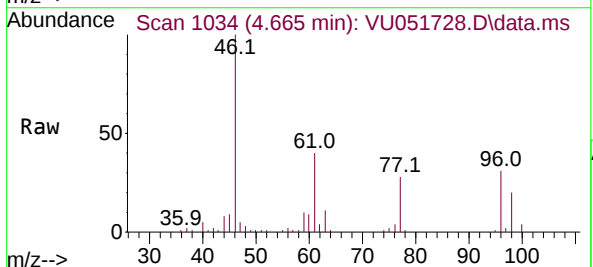
Instrument :
MSVOA_U
ClientSampleId :
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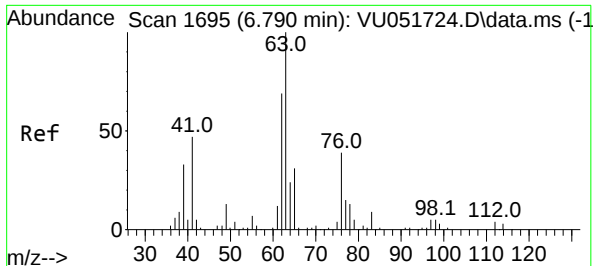
Tgt Ion: 96 Resp: 2352
Ion Ratio Lower Upper
96 100
61 127.6 94.7 175.9
98 52.5 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 0.869 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051728.D
Acq: 03 Nov 2022 12:54

Tgt Ion: 96 Resp: 15622
Ion Ratio Lower Upper
96 100
61 128.3 86.4 160.4
98 64.4 44.2 82.2

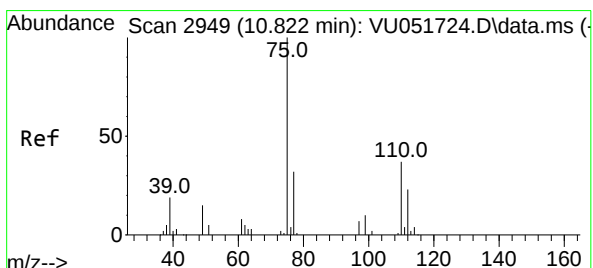
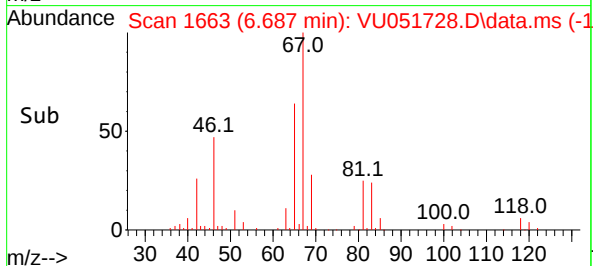
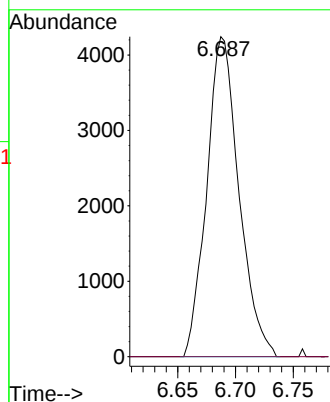
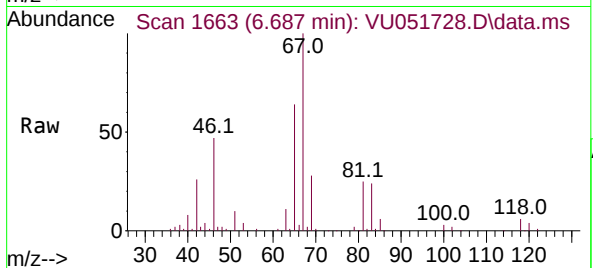




#37
1,2-Dichloropropane
Concen: 0.426 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU051728.D
Acq: 03 Nov 2022 12:54

Instrument :
MSVOA_U
ClientSampleId :
DBWN4

Tgt Ion: 63 Resp: 8228
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 0.960 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051728.D
Acq: 03 Nov 2022 12:54

Tgt Ion: 75 Resp: 11151
Ion Ratio Lower Upper
75 100
110 2.0 28.7 43.1#
77 31.4 26.1 39.1

