

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044717.D
 Acq On : 20 Sep 2021 18:29
 Operator : SY/MD
 Sample : M3789-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF1

Quant Time: Sep 21 02:50:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 21 02:46:41 2021
 Response via : Initial Calibration

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

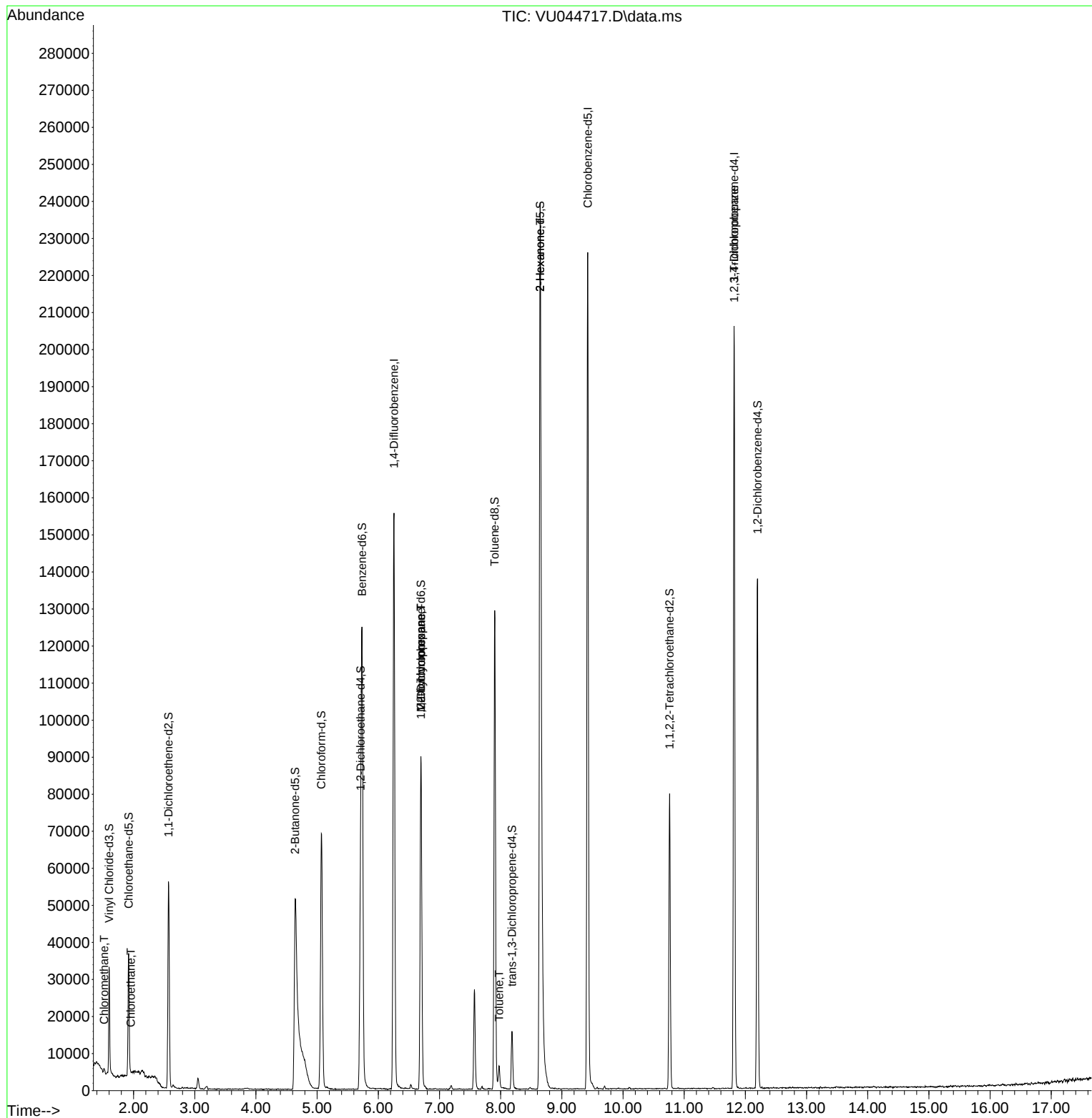
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	118566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	119423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	48691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19080	2.727	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.600%
7) Chloroethane-d5	1.919	69	24012	3.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.200%
11) 1,1-Dichloroethene-d2	2.572	65	11294	3.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.642	46	150608	51.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.720%
24) Chloroform-d	5.070	84	61677	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.710	65	37174	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.735	84	109444	3.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	6.697	67	41862	4.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.903	98	82217	3.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.000%#
43) trans-1,3-Dichloroprop...	8.185	79	9277	2.632	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.600%#
46) 2-Hexanone-d5	8.645	63	105392	46.518	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.040%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39458	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	33447	4.163	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	969	0.085	ug/L	97
8) Chloroethane	1.954	64	2506	0.339	ug/L #	43
35) Methylcyclohexane	6.697	83	9476	0.657	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4544	0.478	ug/L #	88
42) Toluene	7.976	91	4399	0.119	ug/L	84
48) 2-Hexanone	8.645	43	14023	2.548	ug/L #	76
61) 1,2,3-Trichloropropane	11.819	75	7418	1.379	ug/L #	67

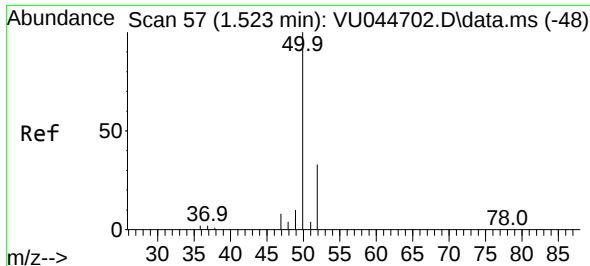
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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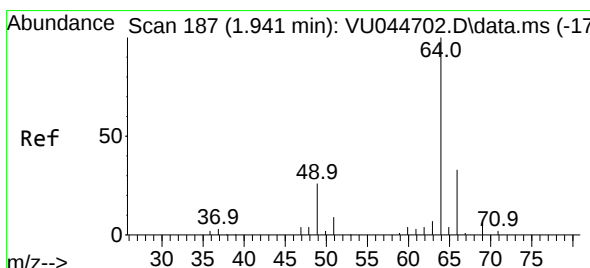
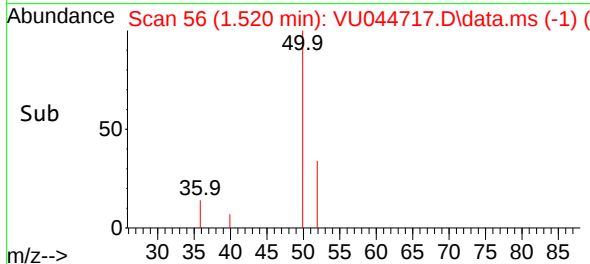
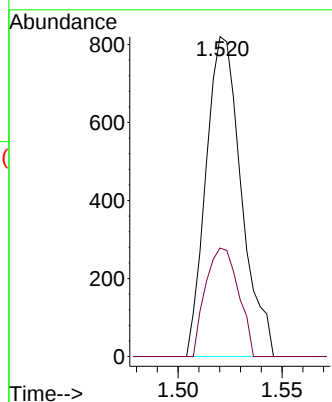
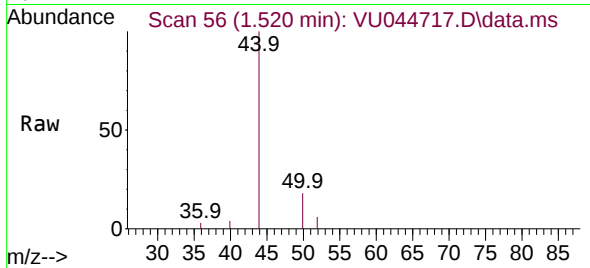




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044717.D
Acq: 20 Sep 2021 18:29

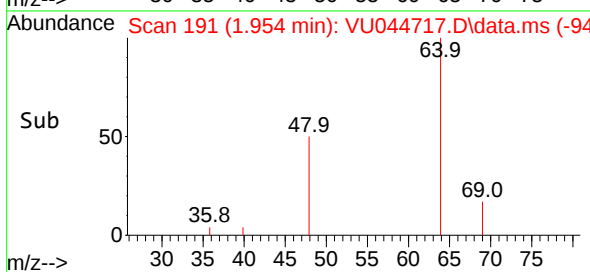
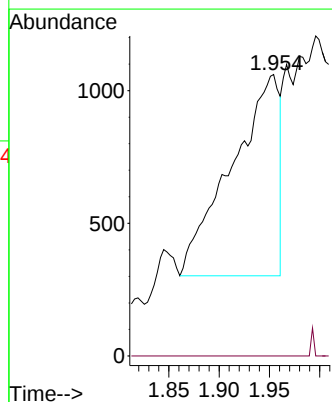
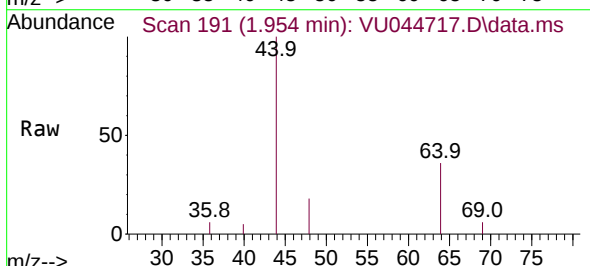
Instrument :
MSVOA_U
ClientSampleId :
C0CF1

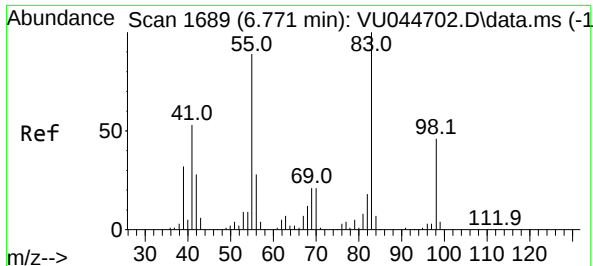
Tgt Ion: 50 Resp: 969
Ion Ratio Lower Upper
50 100
52 33.9 22.6 42.0



#8
Chloroethane
Concen: 0.339 ug/L
RT: 1.954 min Scan# 191
Delta R.T. 0.013 min
Lab File: VU044717.D
Acq: 20 Sep 2021 18:29

Tgt Ion: 64 Resp: 2506
Ion Ratio Lower Upper
64 100
66 0.0 22.1 41.1#

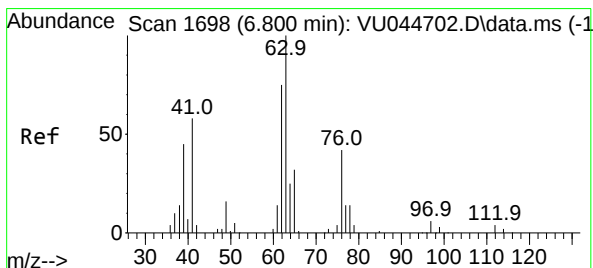
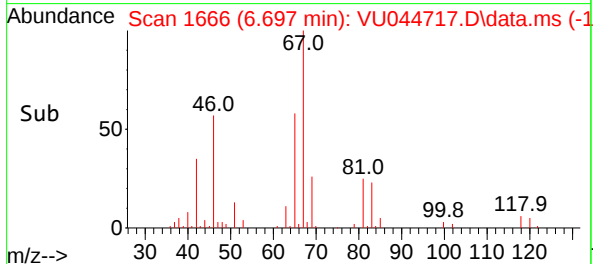
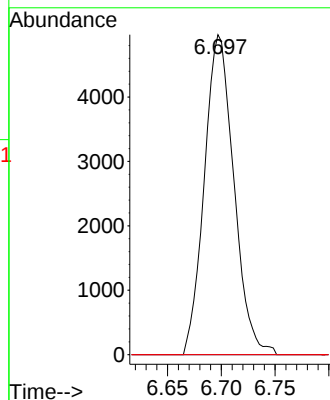
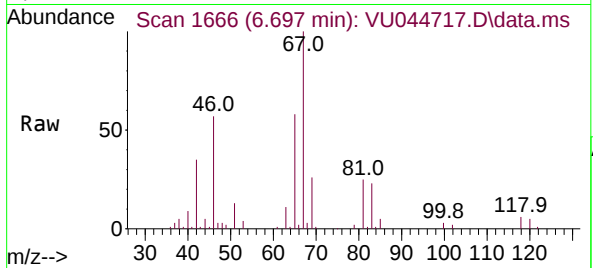




#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044717.D
Acq: 20 Sep 2021 18:29

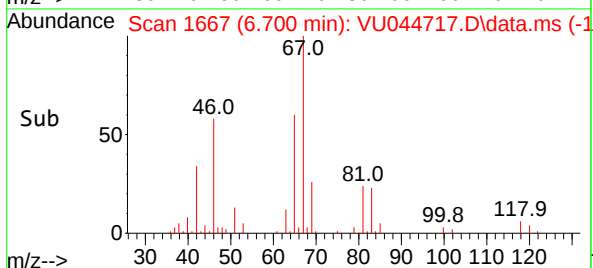
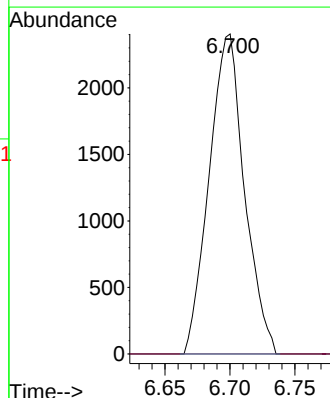
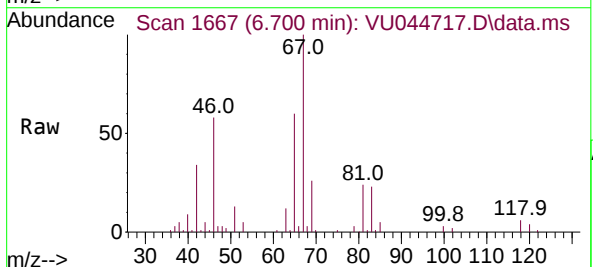
Instrument :
MSVOA_U
ClientSampleId :
C0CF1

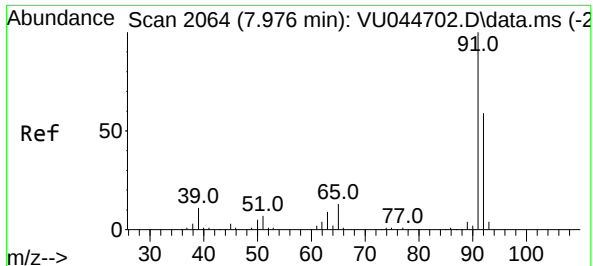
Tgt Ion: 83 Resp: 9476
Ion Ratio Lower Upper
83 100
55 0.0 68.3 102.5#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.478 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU044717.D
Acq: 20 Sep 2021 18:29

Tgt Ion: 63 Resp: 4544
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

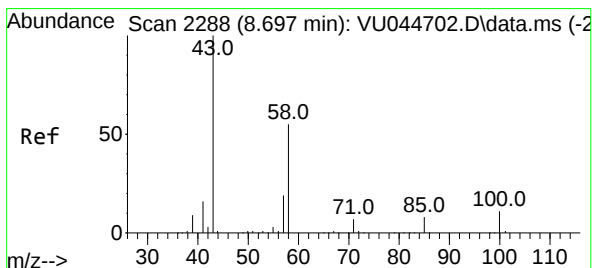
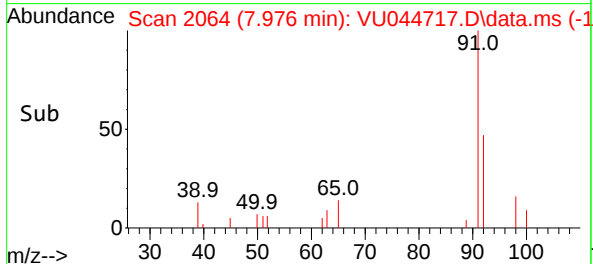
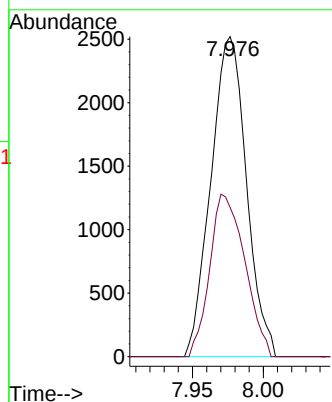
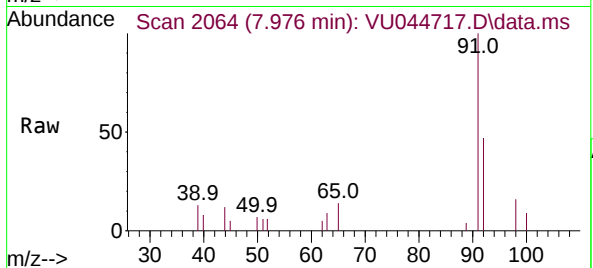




#42
Toluene
Concen: 0.119 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044717.D
Acq: 20 Sep 2021 18:29

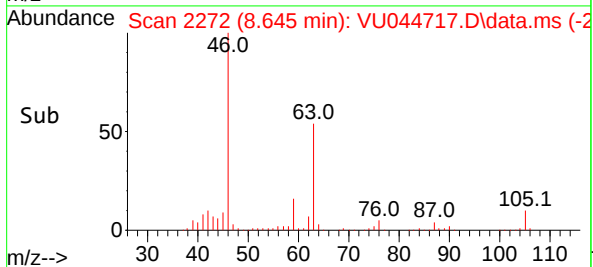
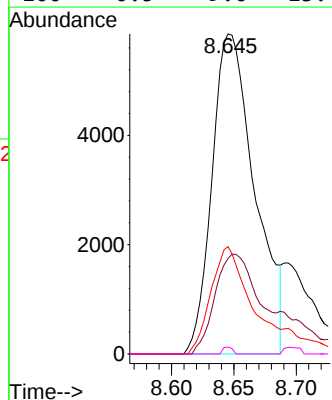
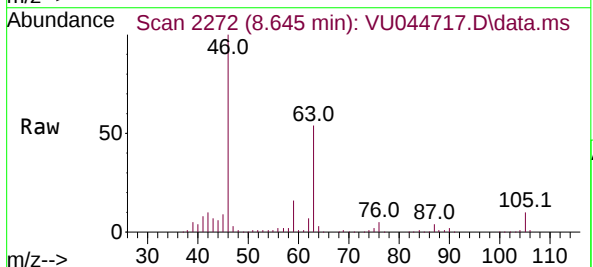
Instrument :
MSVOA_U
ClientSampleId :
C0CF1

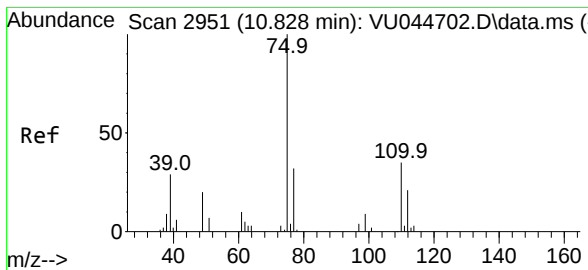
Tgt Ion: 91 Resp: 4399
Ion Ratio Lower Upper
91 100
92 46.6 41.1 76.3



#48
2-Hexanone
Concen: 2.548 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044717.D
Acq: 20 Sep 2021 18:29

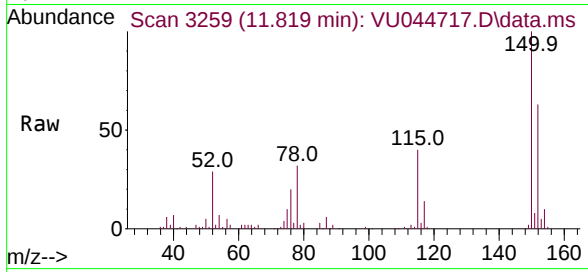
Tgt Ion: 43 Resp: 14023
Ion Ratio Lower Upper
43 100
58 42.7 44.6 66.8#
57 36.1 14.8 22.2#
100 0.5 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.379 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU044717.D
 Acq: 20 Sep 2021 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF1



Tgt Ion: 75 Resp: 7418
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.8 43.2#
 77 32.0 25.9 38.9

