

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043945.D
 Acq On : 25 May 2021 06:23
 Operator : SY/MD
 Sample : M2464-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB455

Quant Time: May 25 07:49:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

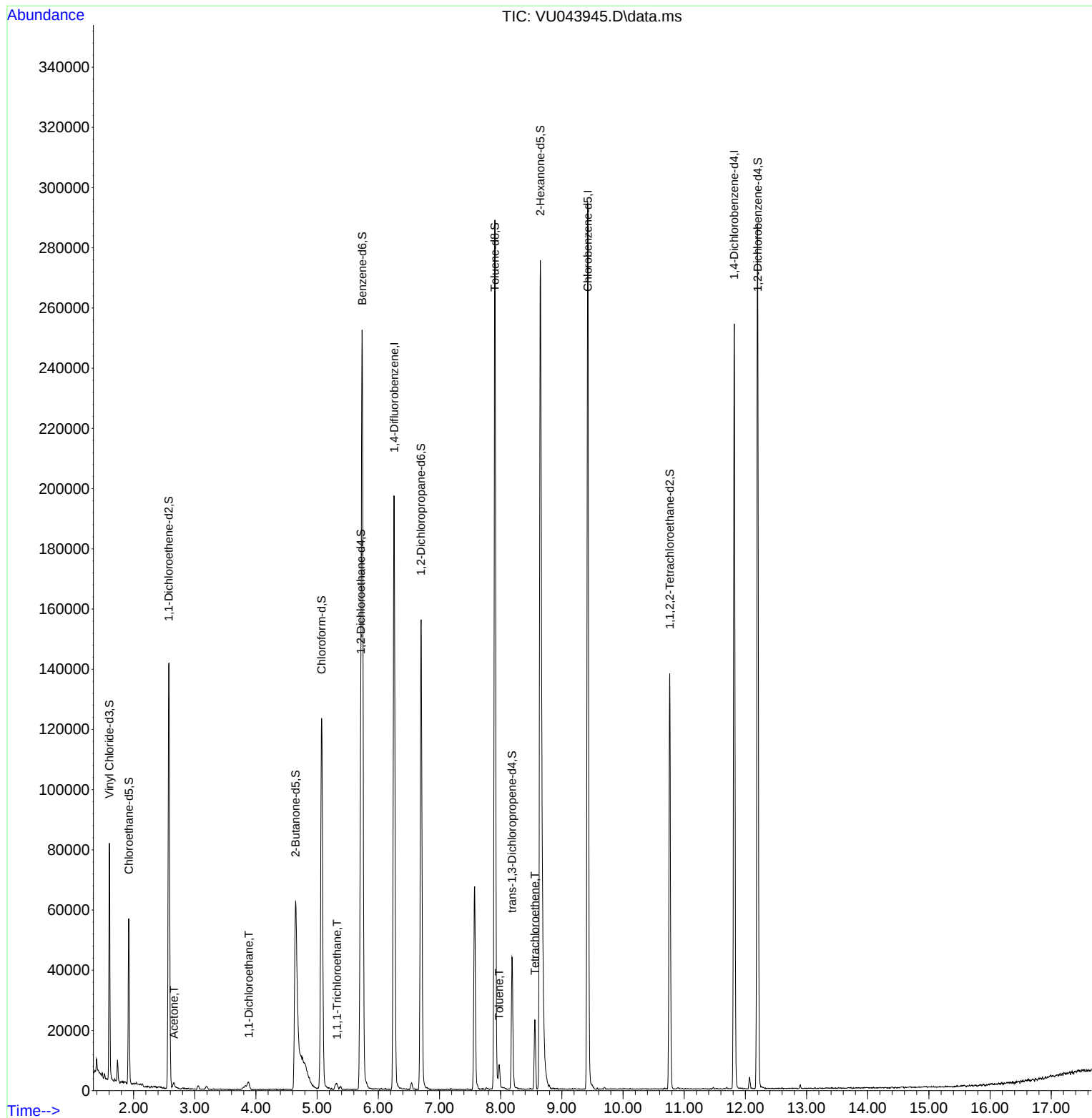
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	170664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	179316	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75232	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55459	5.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.80%
7) Chloroethane-d5	1.922	69	40248	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.575	65	26362	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.00%
20) 2-Butanone-d5	4.649	46	125680	41.73	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.46%
24) Chloroform-d	5.073	84	119292	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.713	65	65733	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	5.739	84	243763	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.700	67	79485	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.906	98	203339	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloroprop...	8.186	79	26684	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.649	63	126287	52.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.20%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71391	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	83549	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#
Target Compounds						
					Qvalue	
13) Acetone	2.662	43	2382	1.50	ug/L	62
19) 1,1-Dichloroethane	3.883	63	2494	0.13	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	1346	0.07	ug/L	94
42) Toluene	7.977	91	5753	0.11	ug/L	99
47) Tetrachloroethene	8.559	164	5512	0.51	ug/L	97

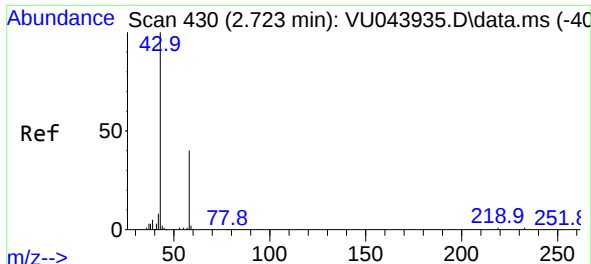
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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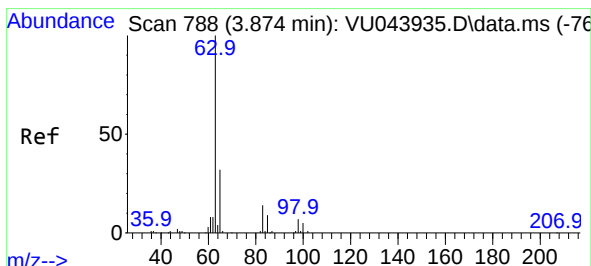
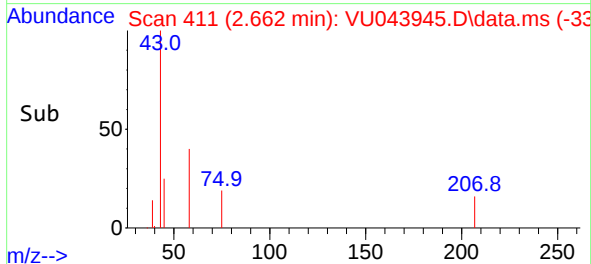
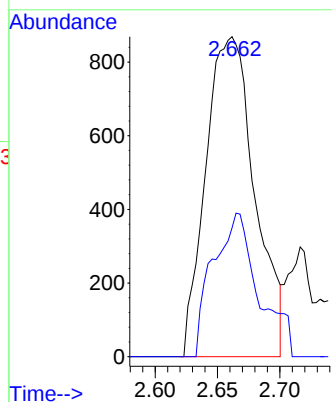
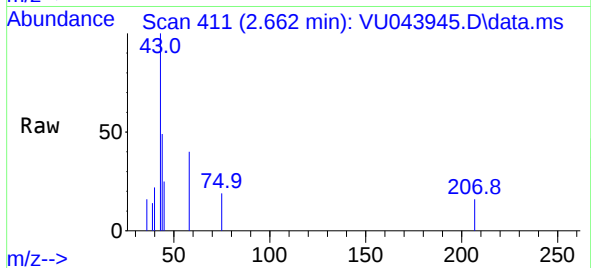




#13
Acetone
Concen: 1.50 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.061 min
Lab File: VU043945.D
Acq: 25 May 2021 06:23

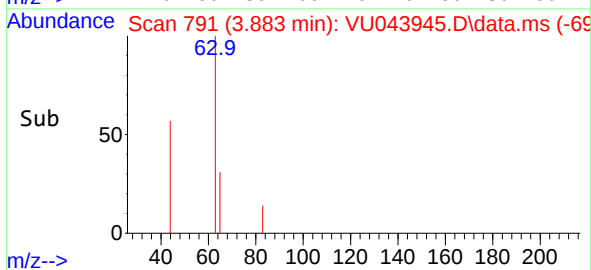
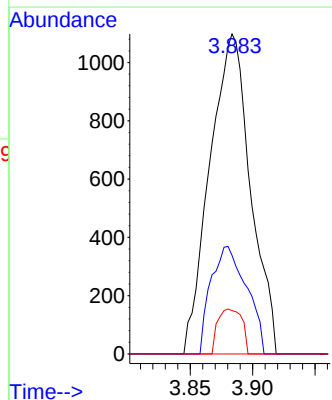
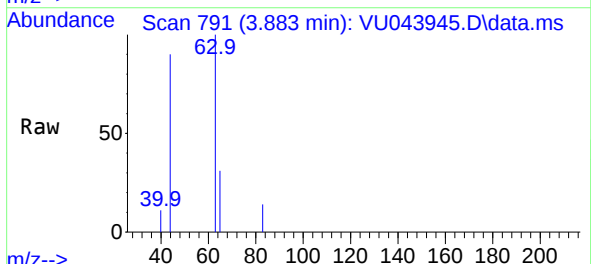
Instrument :
MSVOA_U
ClientSampleId :
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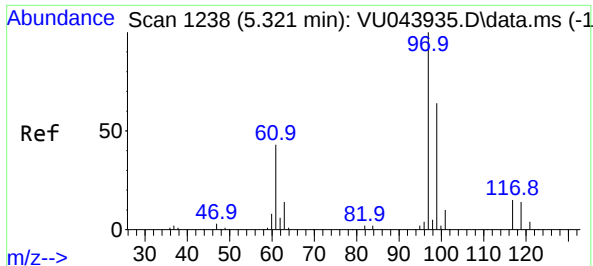
Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
58 41.6 0.0 46.2



#19
1,1-Dichloroethane
Concen: 0.13 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.010 min
Lab File: VU043945.D
Acq: 25 May 2021 06:23

Tgt Ion: 63 Resp: 2494
Ion Ratio Lower Upper
63 100
65 30.8 23.2 43.2
83 13.6 9.7 18.1

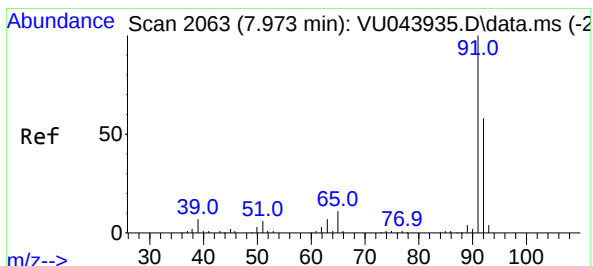
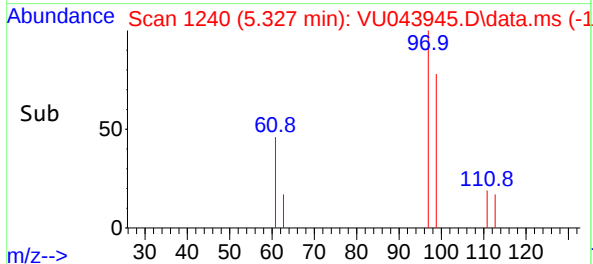
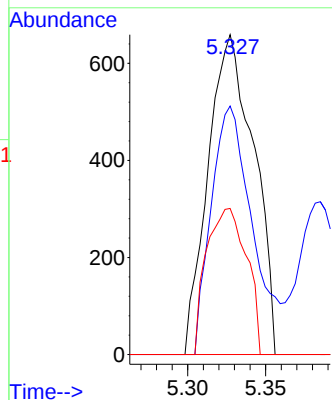
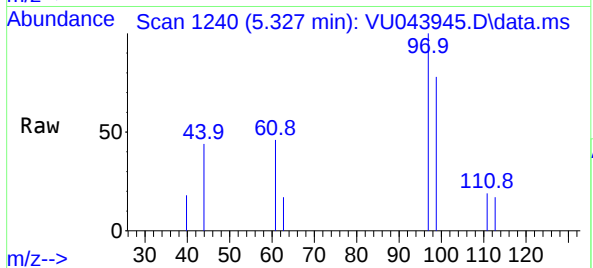




#29
1,1,1-Trichloroethane
Concen: 0.07 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VU043945.D
Acq: 25 May 2021 06:23

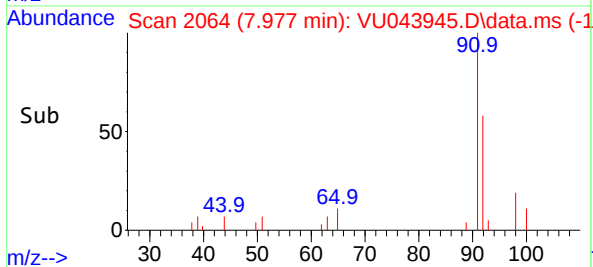
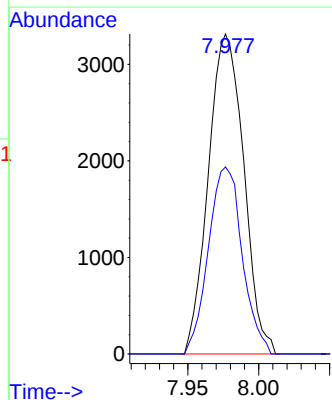
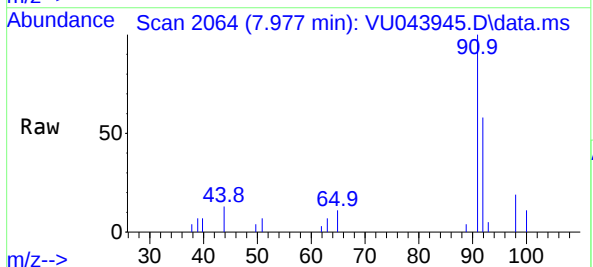
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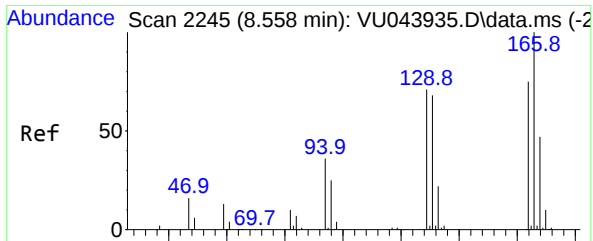
Tgt Ion: 97 Resp: 1346
Ion Ratio Lower Upper
97 100
99 69.9 51.9 77.9
61 39.9 34.7 52.1



#42
Toluene
Concen: 0.11 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU043945.D
Acq: 25 May 2021 06:23

Tgt Ion: 91 Resp: 5753
Ion Ratio Lower Upper
91 100
92 58.5 40.5 75.1





#47
Tetrachloroethene
Concen: 0.51 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043945.D
Acq: 25 May 2021 06:23

Instrument :
MSVOA_U
ClientSampleId :
GB455

Tgt Ion:164 Resp: 5512

Ion	Ratio	Lower	Upper
164	100		
129	96.5	64.1	119.1
131	90.8	64.5	119.9
166	127.0	90.8	168.6

