

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043939.D
 Acq On : 25 May 2021 03:59
 Operator : SY/MD
 Sample : M2464-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB449

Manual Integrations
 APPROVED

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 5/26/2021 12:27:58 PM

Quant Time: May 25 07:48:40 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	6.259	114	164063	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	172305	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74605	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57037	6.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.00%
7) Chloroethane-d5	1.922	69	42690	6.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.60%
11) 1,1-Dichloroethene-d2	2.575	65	26943	6.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.20%
20) 2-Butanone-d5	4.649	46	120060	41.46	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.92%
24) Chloroform-d	5.073	84	121350	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.713	65	65044	6.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.60%
32) Benzene-d6	5.735	84	247184	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.700	67	78096	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.906	98	205730	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.189	79	27112	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.648	63	132642	56.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.90%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73587	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	84983	6.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.40%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.591	96	196110	18.50	ug/L #	87
13) Acetone	2.655	43	3082m	2.02	ug/L	
19) 1,1-Dichloroethane	3.880	63	76578	4.05	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	2683	0.23	ug/L	92
27) 1,2-Dichloroethane	5.806	62	4107	0.33	ug/L #	90
29) 1,1,1-Trichloroethane	5.327	97	116324	6.52	ug/L	99
34) Trichloroethene	6.552	95	5048	0.42	ug/L	94
42) Toluene	7.976	91	4121	0.08	ug/L	93
47) Tetrachloroethene	8.558	164	196727	18.83	ug/L	97

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

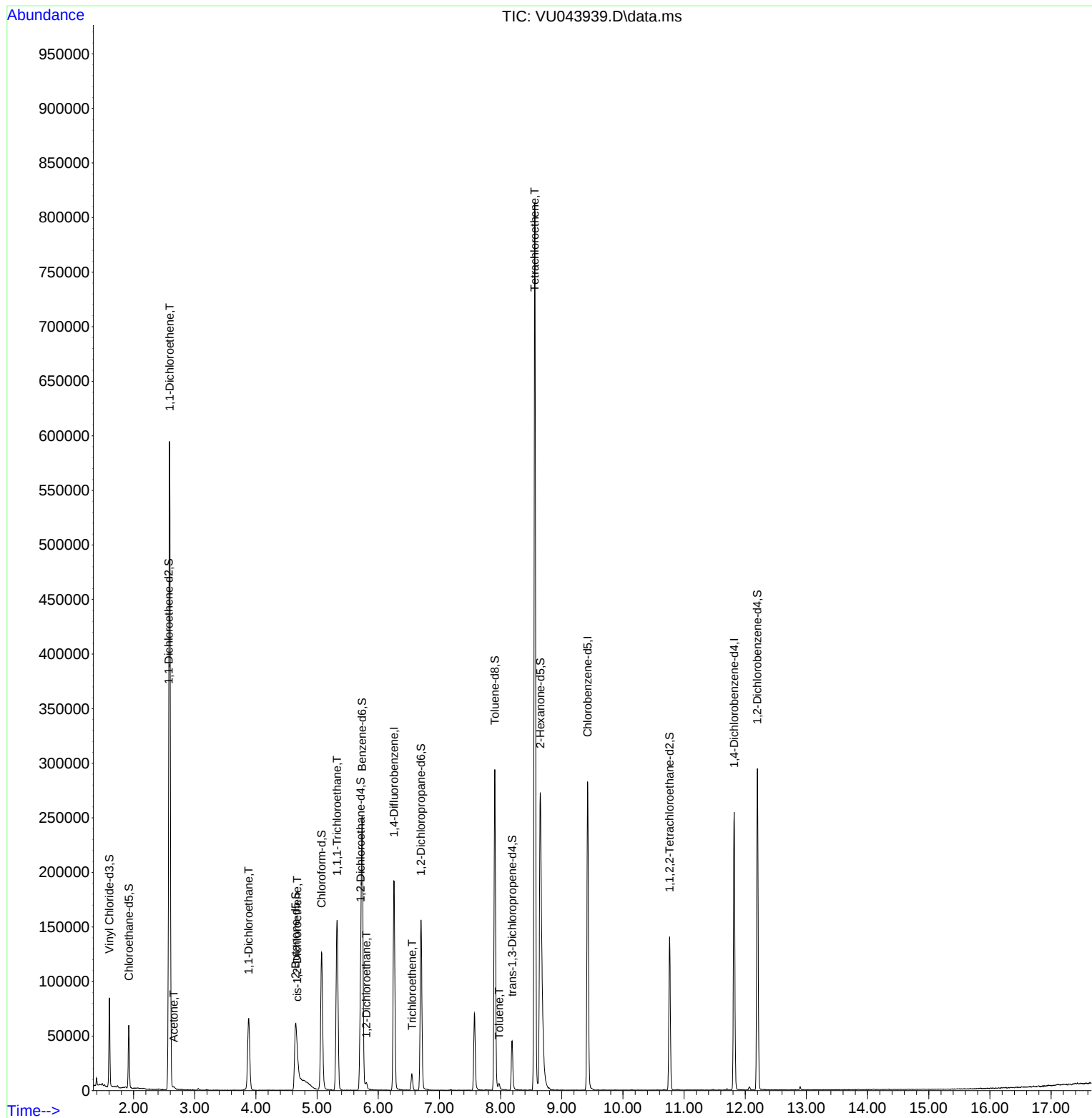
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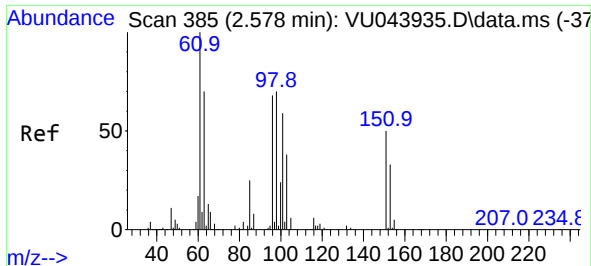
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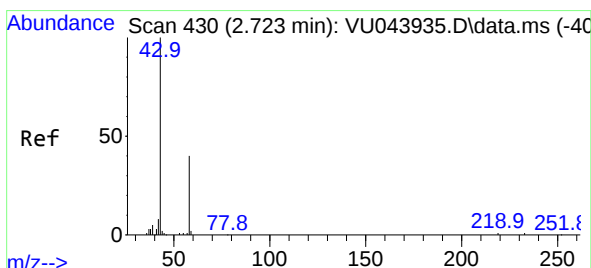
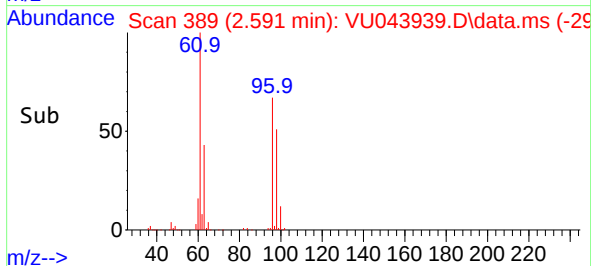
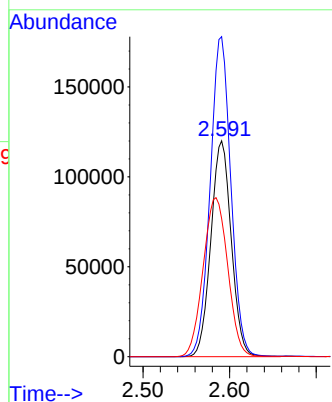
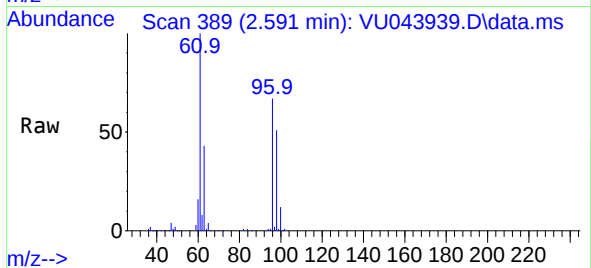
#12
1,1-Dichloroethene
Concen: 18.50 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.013 min
Lab File: VU043939.D
Acq: 25 May 2021 03:59

Tgt Ion: 96 Resp: 196110
Ion Ratio Lower Upper
96 100
61 148.2 105.1 195.3
63 64.0 66.6 123.6#

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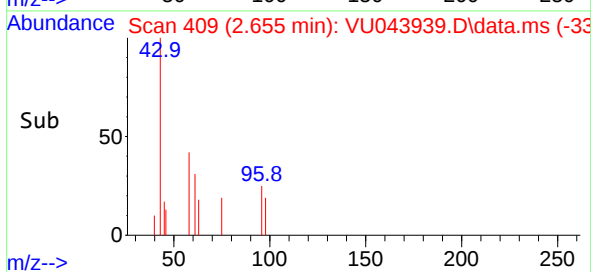
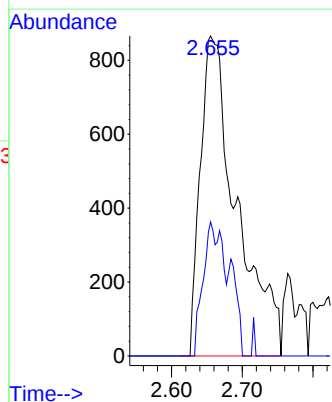
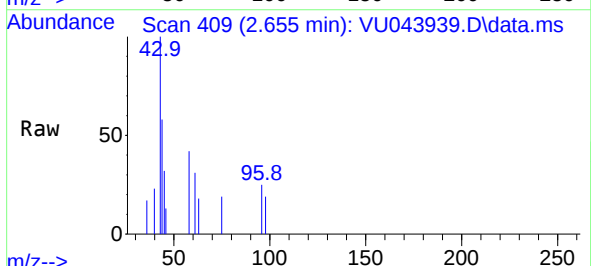
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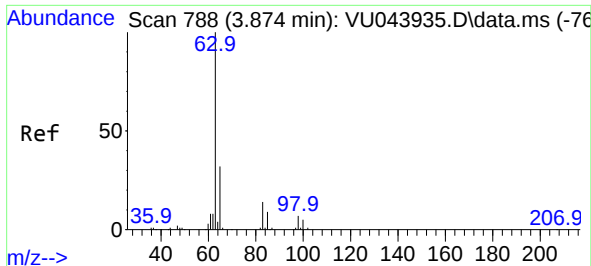
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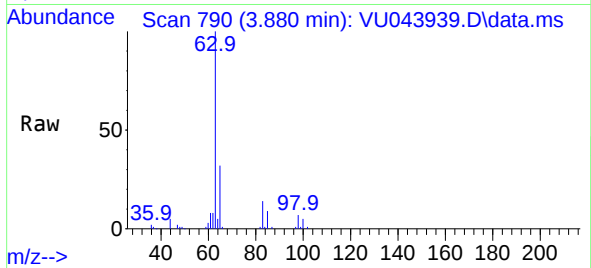
#13
Acetone
Concen: 2.02 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. -0.067 min
Lab File: VU043939.D
Acq: 25 May 2021 03:59

Tgt Ion: 43 Resp: 3082
Ion Ratio Lower Upper
43 100
58 0.6 0.0 46.2

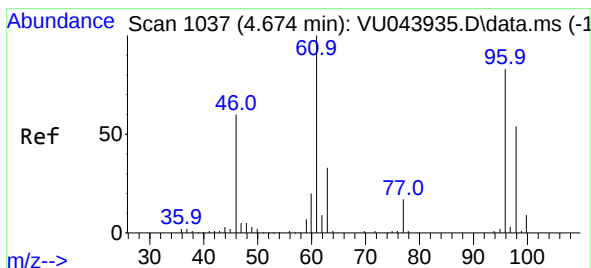
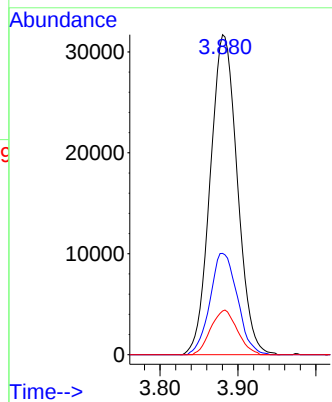
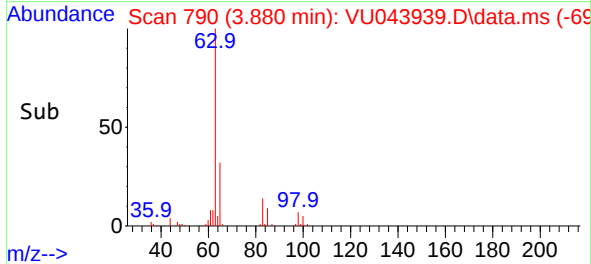




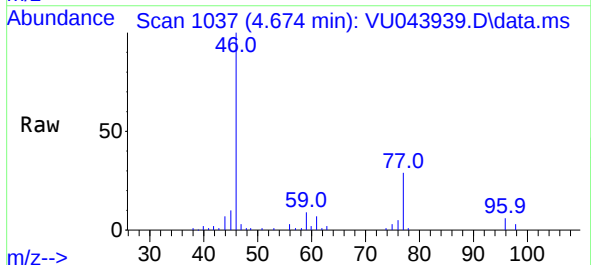
#19
1,1-Dichloroethane
Concen: 4.05 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.006 min
Lab File: VU043939.D
Acq: 25 May 2021 03:59



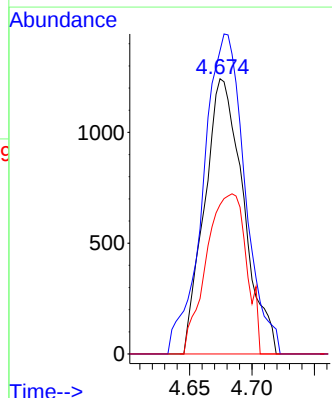
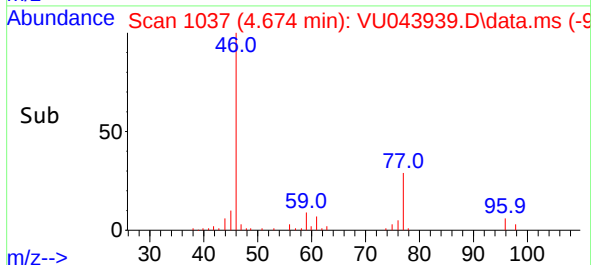
Tgt Ion: 63 Resp: 76578
Ion Ratio Lower Upper
63 100
65 31.7 23.2 43.2
83 13.7 9.7 18.1



#22
cis-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043939.D
Acq: 25 May 2021 03:59



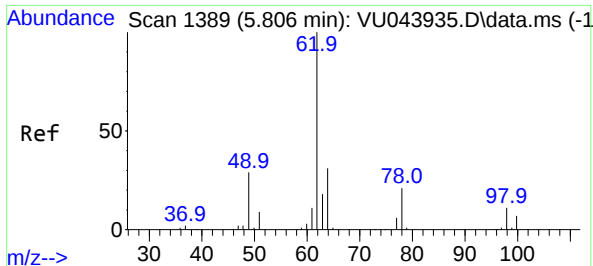
Tgt Ion: 96 Resp: 2683
Ion Ratio Lower Upper
96 100
61 110.2 82.9 153.9
98 54.3 43.3 80.5



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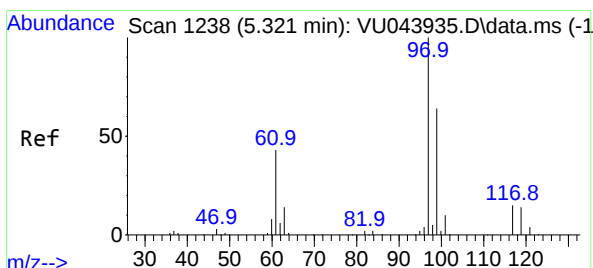
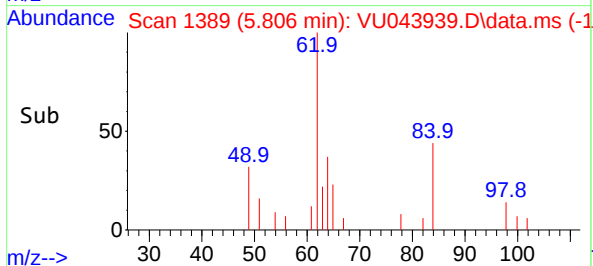
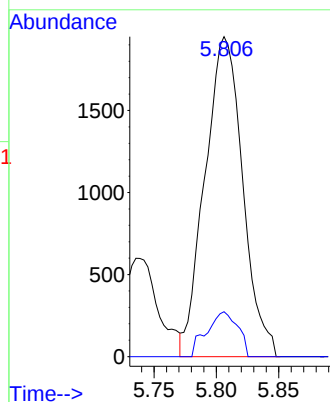
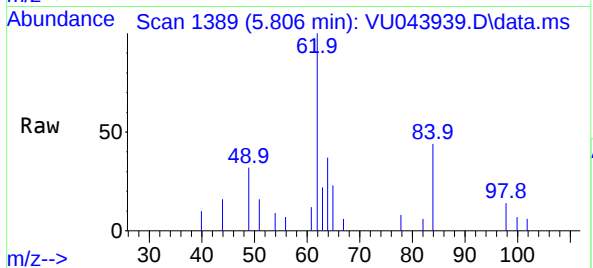
#27
1,2-Dichloroethane
Concen: 0.33 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU043939.D
Acq: 25 May 2021 03:59

Tgt Ion: 62 Resp: 4107
Ion Ratio Lower Upper
62 100
98 14.1 8.3 12.5#

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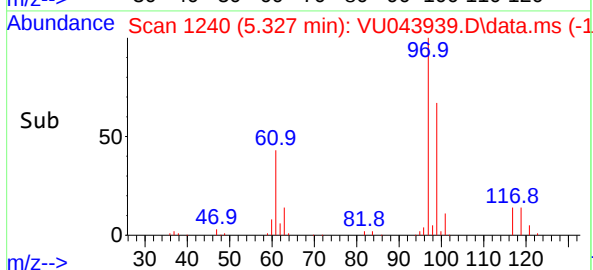
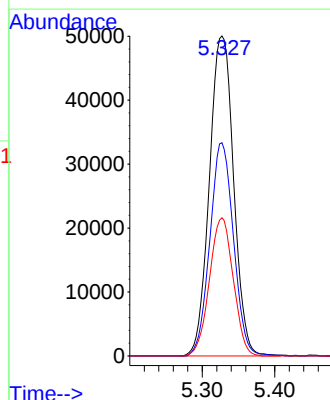
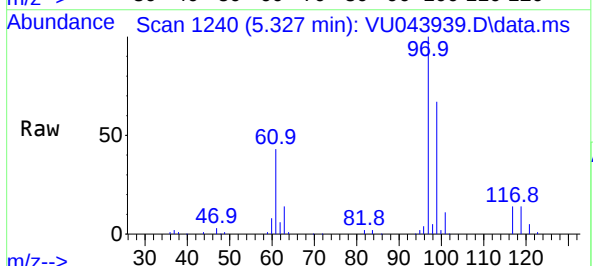
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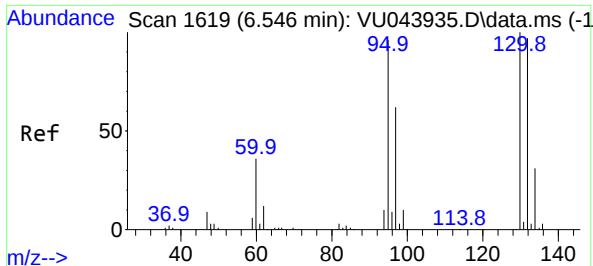
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#29
1,1,1-Trichloroethane
Concen: 6.52 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043939.D
Acq: 25 May 2021 03:59

Tgt Ion: 97 Resp: 116324
Ion Ratio Lower Upper
97 100
99 65.0 51.9 77.9
61 42.4 34.7 52.1





#34
Trichloroethene
Concen: 0.42 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VU043939.D
Acq: 25 May 2021 03:59

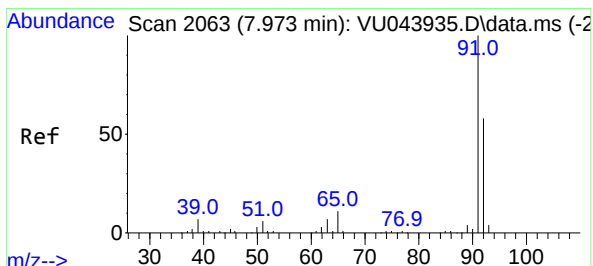
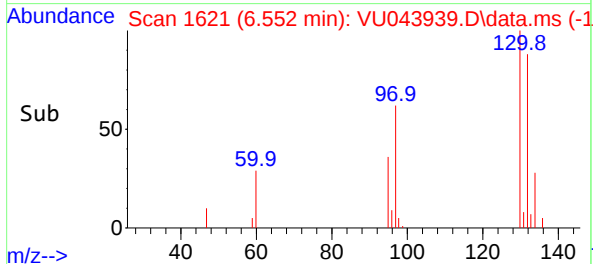
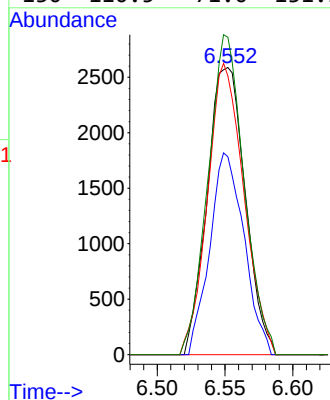
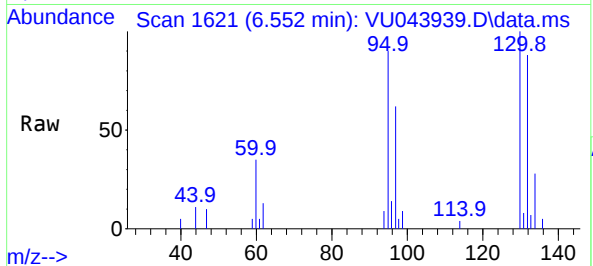
Tgt Ion: 95 Resp: 5048

Ion	Ratio	Lower	Upper
95	100		
97	68.9	45.5	84.5
132	97.1	70.9	131.7
130	110.5	71.0	131.9

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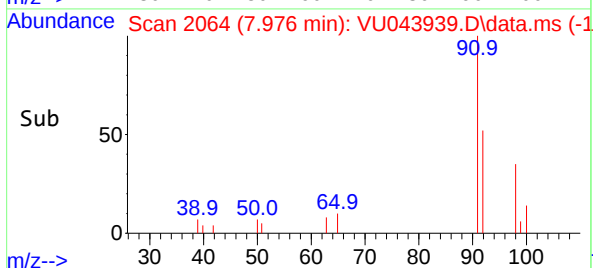
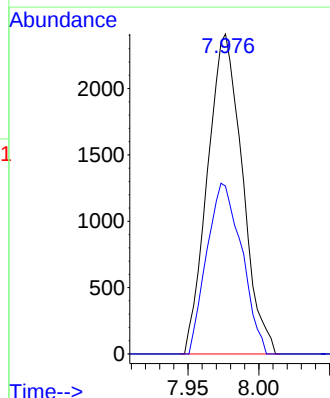
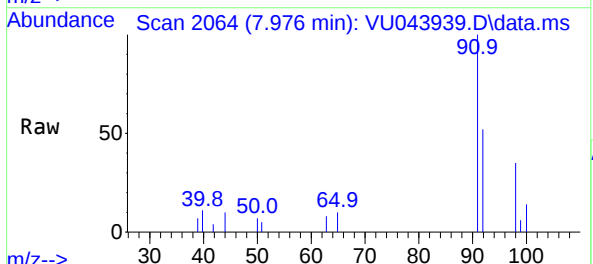
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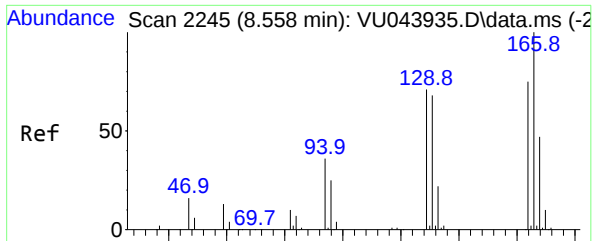


#42
Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU043939.D
Acq: 25 May 2021 03:59

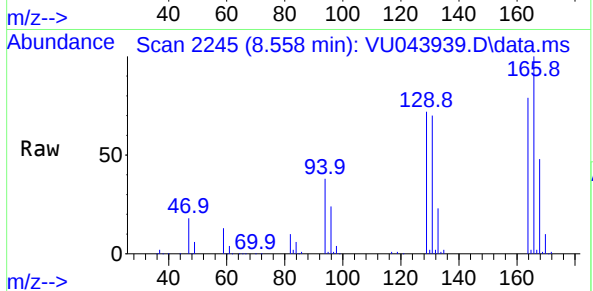
Tgt Ion: 91 Resp: 4121

Ion	Ratio	Lower	Upper
91	100		
92	52.5	40.5	75.1



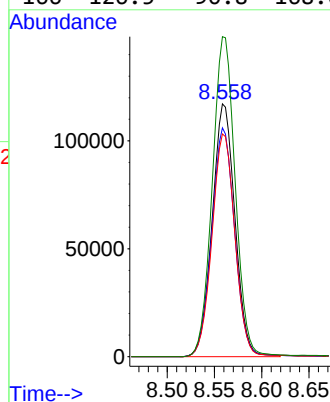
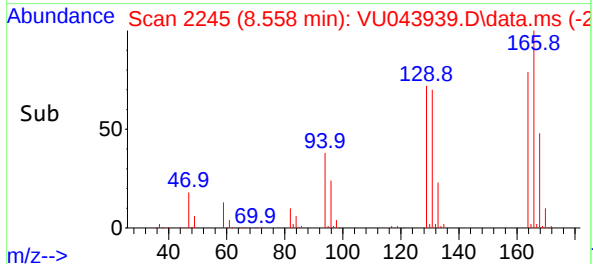


#47
Tetrachloroethene
Concen: 18.83 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043939.D
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Tgt Ion:164 Resp: 196727

Ion	Ratio	Lower	Upper
164	100		
129	90.5	64.1	119.1
131	88.1	64.5	119.9
166	126.5	90.8	168.6



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