

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
 Data File : VV022931.D
 Acq On : 20 Oct 2021 14:54
 Operator : SY/MD
 Sample : M4200-04DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE4DL

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 11:29:35 AM

Quant Time: Oct 21 02:45:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118126	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125530	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57198	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31911	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.568	69	29466	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.108	63	40183	2.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	3.892	46	121051	56.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.60%
24) Chloroform-d	4.352	84	78189	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.034	65	45634	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.053	84	177961	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.072	67	59001	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.320	98	147223	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloroprop...	7.629	79	17780	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.092	63	90168	60.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.90%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44261	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	61164	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	925	0.10	ug/L #	38
13) Acetone	2.188	43	9418m	7.93	ug/L	
16) Methylene chloride	2.510	84	7169	0.73	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	1615	0.09	ug/L #	91
18) trans-1,2-Dichloroethene	2.761	96	809	0.10	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	50432	6.19	ug/L	91
25) Chloroform	4.378	83	17872	1.10	ug/L	95
42) Toluene	7.397	91	12045	0.35	ug/L	94

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

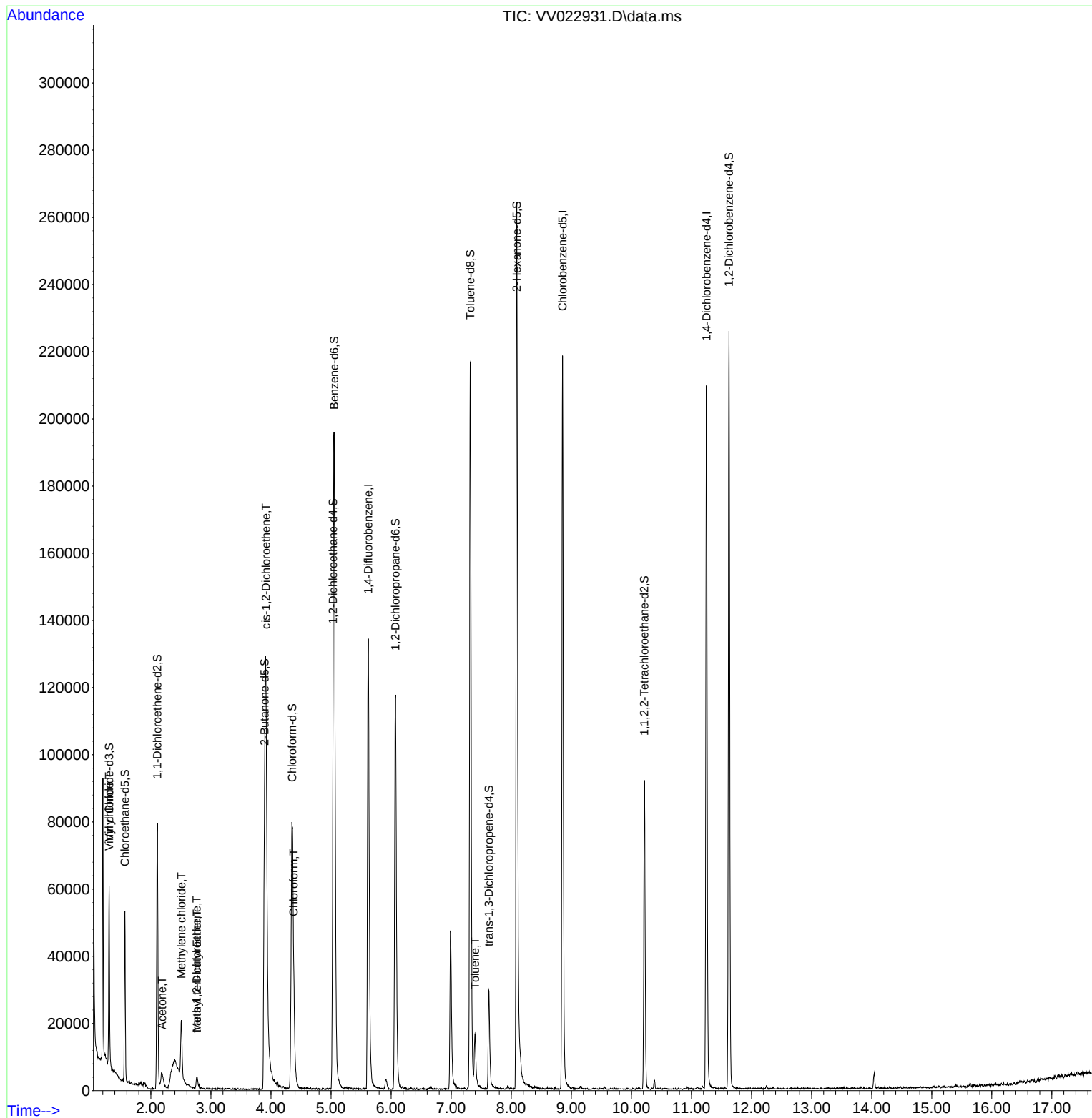
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
Data File : VV022931.D
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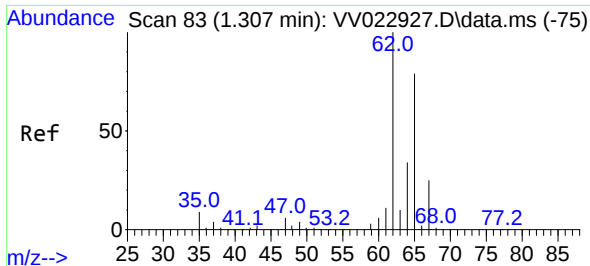
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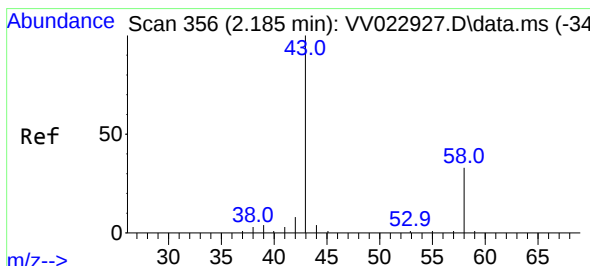
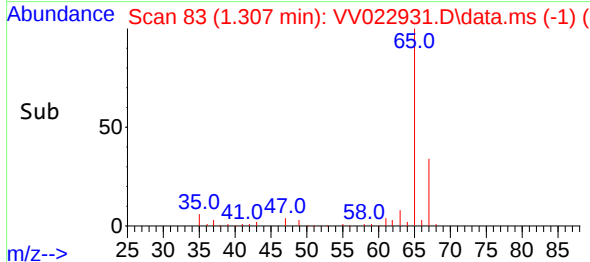
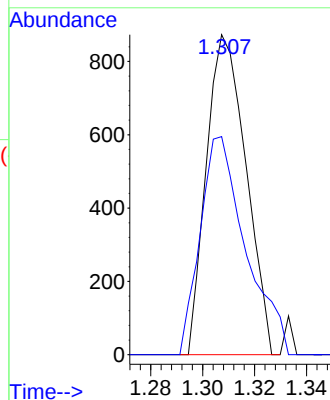
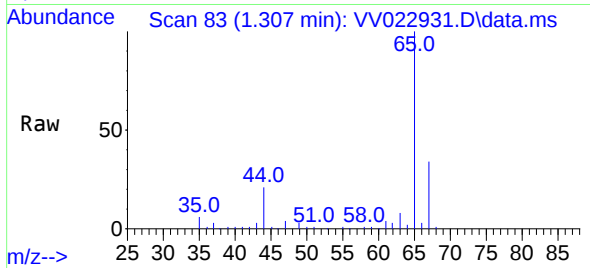
#5
 Vinyl chloride
 Concen: 0.10 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022931.D
 Acq: 20 Oct 2021 14:54

Tgt Ion: 62 Resp: 925
 Ion Ratio Lower Upper
 62 100
 64 68.2 23.0 42.8#

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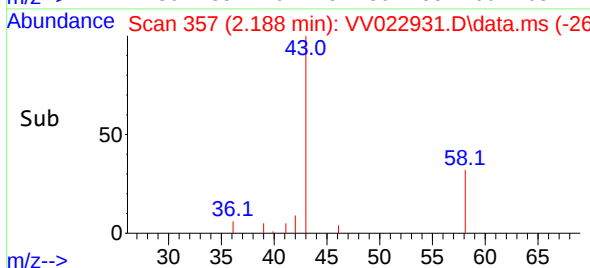
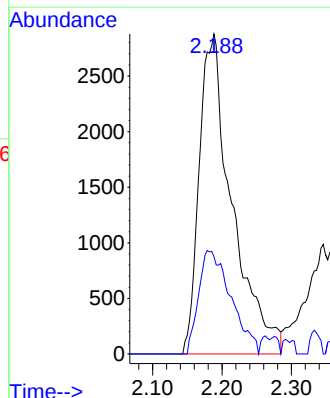
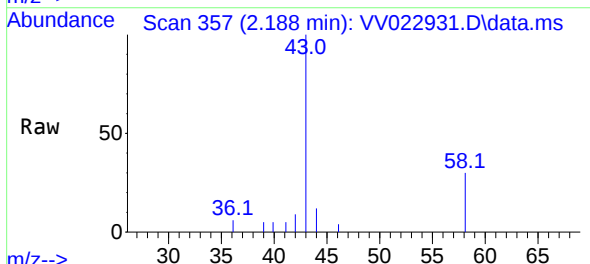
Manual Integrations
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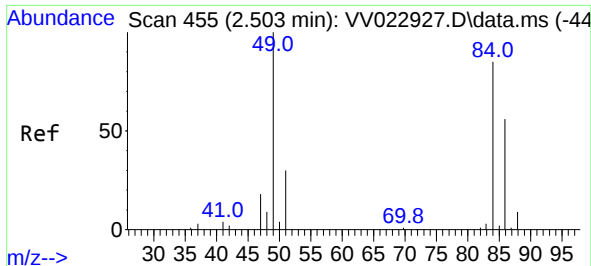
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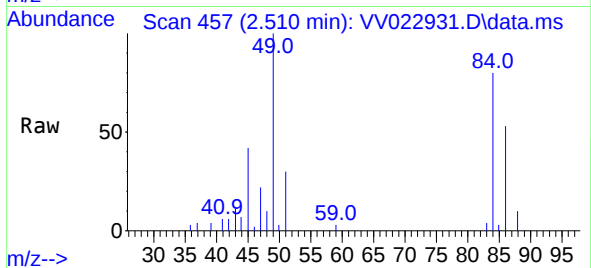
#13
 Acetone
 Concen: 7.93 ug/L m
 RT: 2.188 min Scan# 357
 Delta R.T. 0.003 min
 Lab File: VV022931.D
 Acq: 20 Oct 2021 14:54

Tgt Ion: 43 Resp: 9418
 Ion Ratio Lower Upper
 43 100
 58 2.0 0.0 24.2



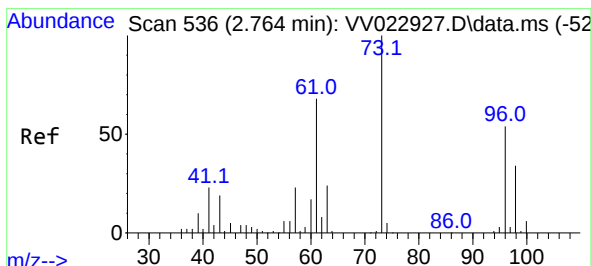
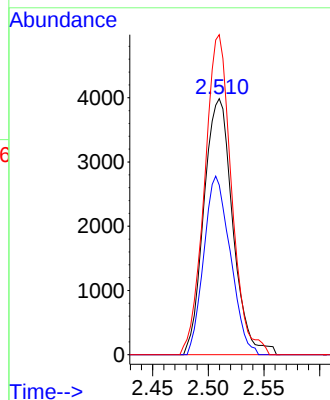
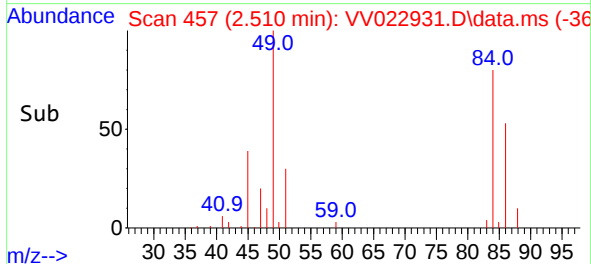


#16
Methylene chloride
Concen: 0.73 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

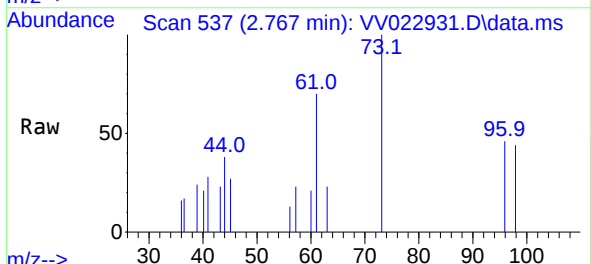


Tgt Ion: 84 Resp: 7169

Ion	Ratio	Lower	Upper
84	100		
86	66.2	45.8	85.2
49	125.0	90.3	167.7

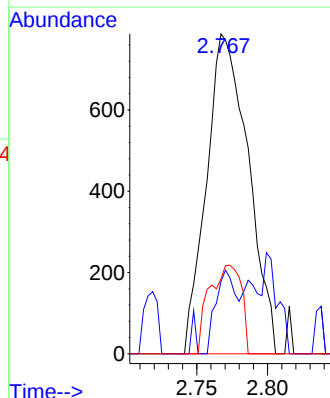
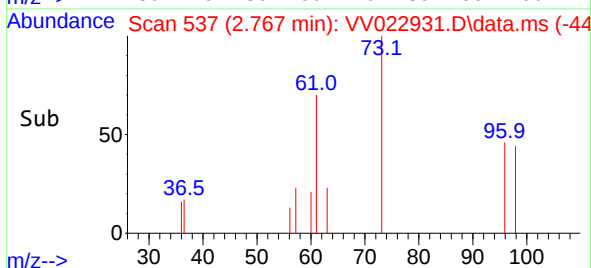


#17
Methyl tert-butyl Ether
Concen: 0.09 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54



Tgt Ion: 73 Resp: 1615

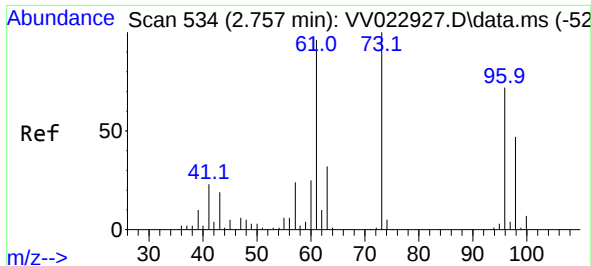
Ion	Ratio	Lower	Upper
73	100		
43	12.9	17.1	25.7#
57	21.1	17.2	25.8



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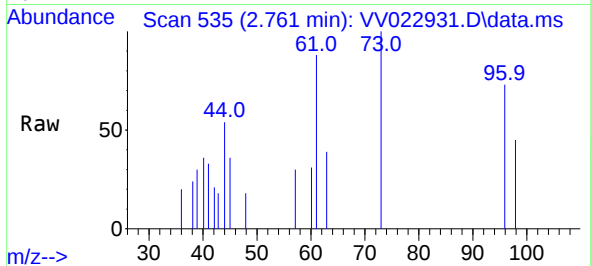
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#18
trans-1,2-Dichloroethene
Concen: 0.10 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

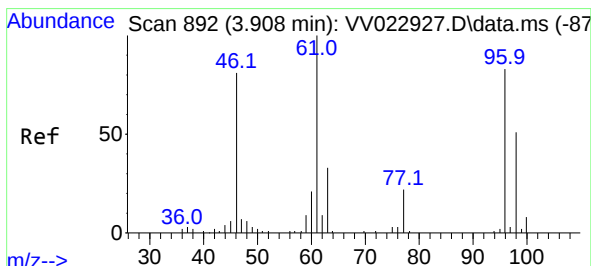
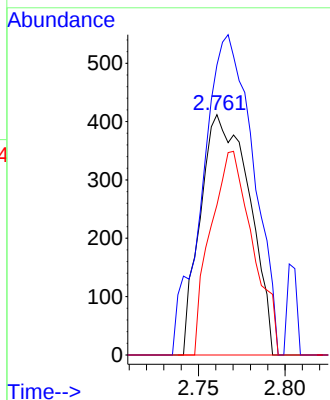
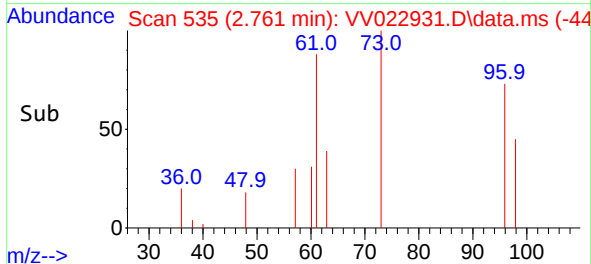
Instrument :
MSVOA_V
ClientSampleId :
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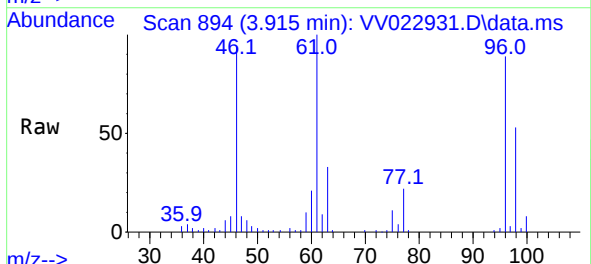
Tgt Ion: 96 Resp: 809
Ion Ratio Lower Upper
96 100
61 120.6 94.5 175.5
98 62.4 44.2 82.0

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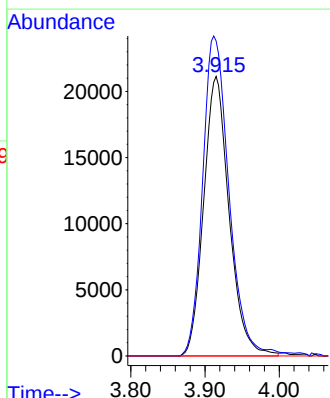
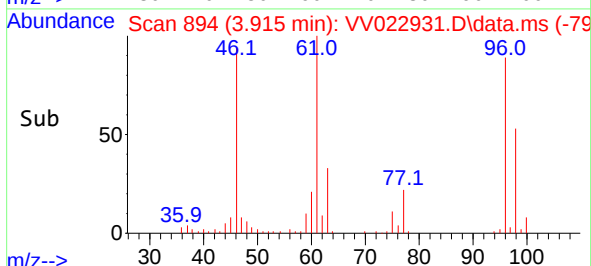
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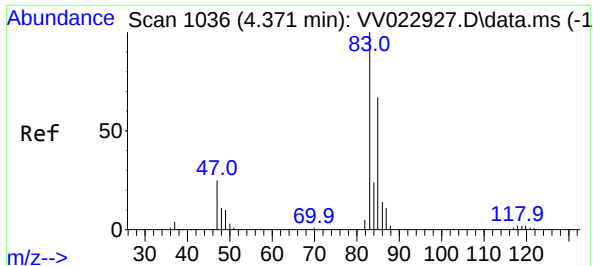


#22
cis-1,2-Dichloroethene
Concen: 6.19 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54



Tgt Ion: 96 Resp: 50432
Ion Ratio Lower Upper
96 100
61 112.7 86.0 159.6
68 0.0 0.0 0.0





#25

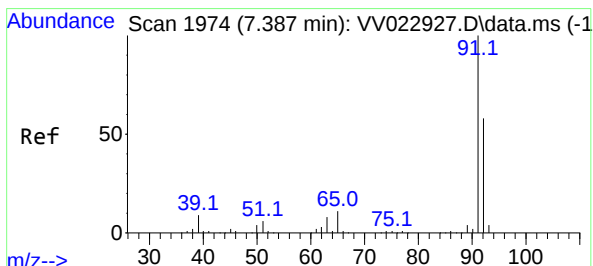
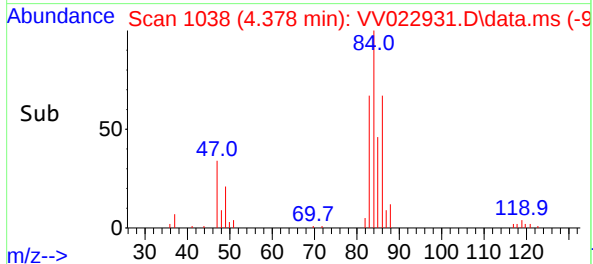
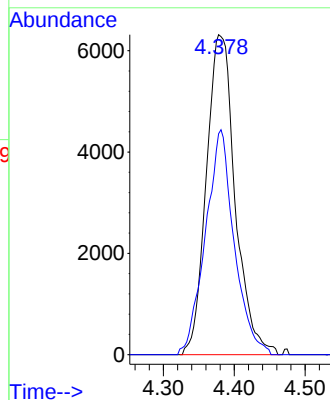
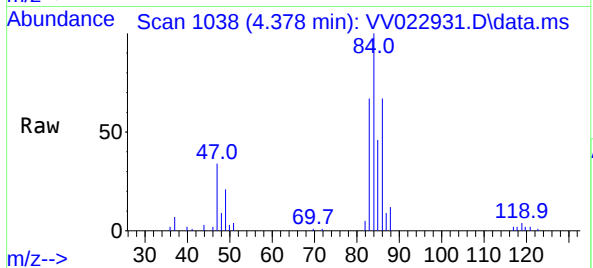
Chloroform
Concen: 1.10 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 83 Resp: 17872
Ion Ratio Lower Upper
83 100
85 69.1 45.7 84.9

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#42

Toluene
Concen: 0.35 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022931.D
Acq: 20 Oct 2021 14:54

Tgt Ion: 91 Resp: 12045
Ion Ratio Lower Upper
91 100
92 62.7 40.7 75.7

