

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031723\
 Data File : VW030232.D
 Acq On : 17 Mar 2023 12:17
 Operator : SY/MD
 Sample : 01947-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB929DL

Quant Time: Mar 17 22:57:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

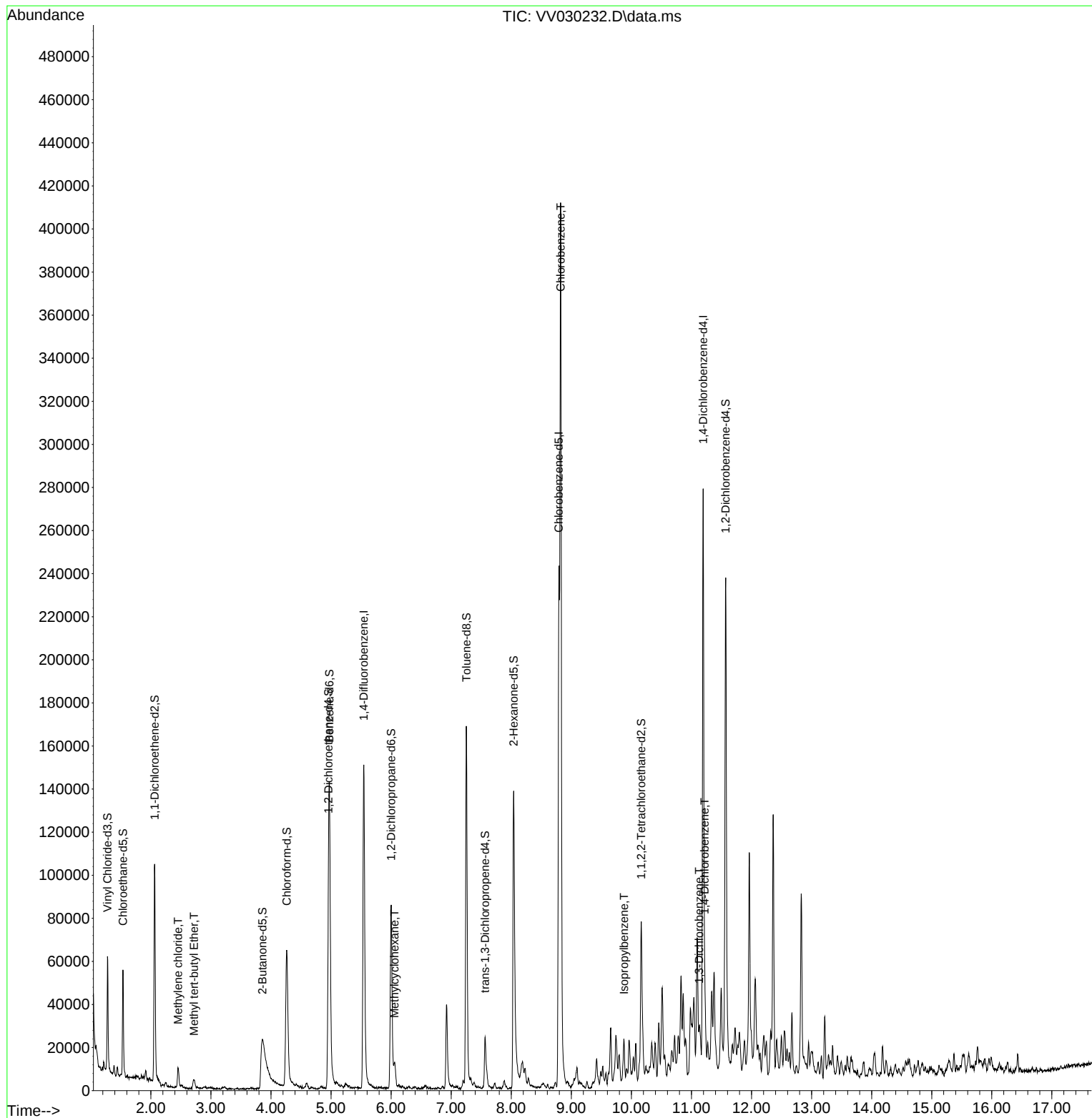
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	128417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33403	4.020	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.400%	
7) Chloroethane-d5	1.535	69	30995	3.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.063	63	53995	3.161	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	3.857	46	55540	36.254	ug/L	0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.500%	
24) Chloroform-d	4.262	84	68471	4.034	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
26) 1,2-Dichloroethane-d4	4.957	65	34684	5.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	4.973	84	126522	3.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.600%	
36) 1,2-Dichloropropane-d6	6.002	67	38954	3.921	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.400%	
41) Toluene-d8	7.252	98	111620	3.566	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.400%	
43) trans-1,3-Dichloroprop...	7.564	79	14760	4.343	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.040	63	56740	40.352	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.700%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30376	4.298	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	48682	4.339	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.800%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.455	84	3877	0.368	ug/L	84
17) Methyl tert-butyl Ether	2.719	73	3693	0.219	ug/L #	71
35) Methylcyclohexane	6.056	83	3316	0.233	ug/L #	76
51) Chlorobenzene	8.821	112	206353	8.429	ug/L	98
60) Isopropylbenzene	9.876	105	10678	0.280	ug/L #	85
64) 1,3-Dichlorobenzene	11.127	146	4770	0.240	ug/L	89
65) 1,4-Dichlorobenzene	11.220	146	10118	0.505	ug/L	98

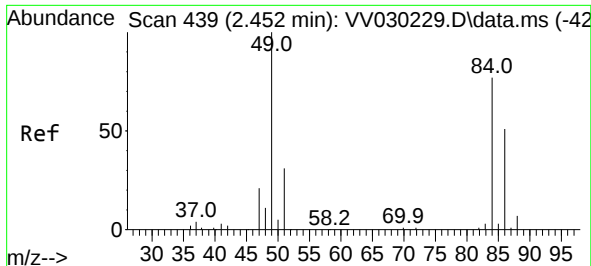
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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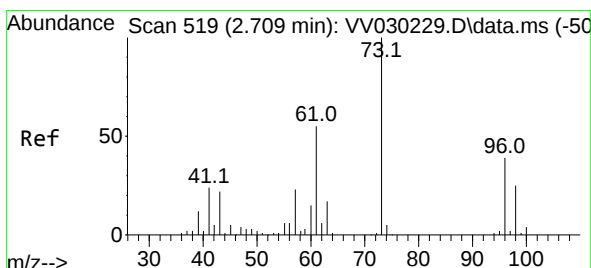
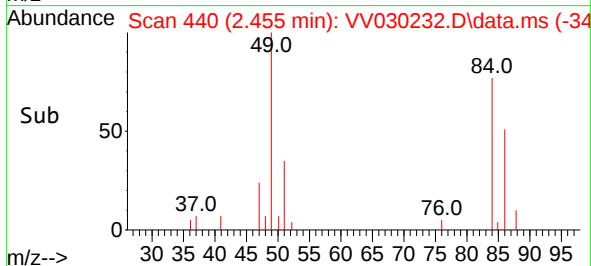
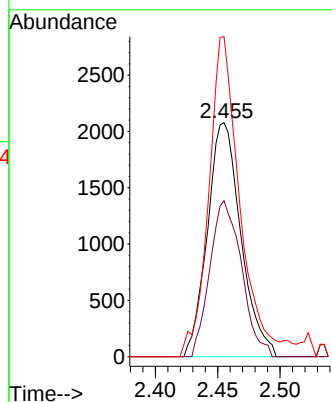
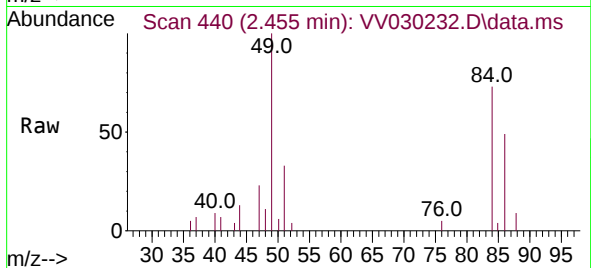




#16
Methylene chloride
Concen: 0.368 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030232.D
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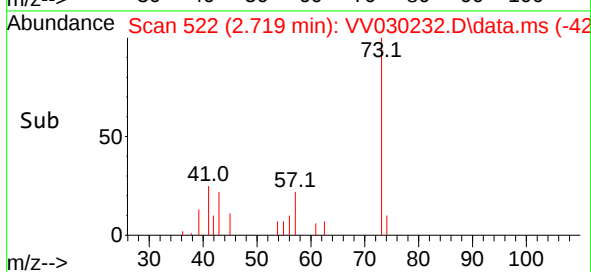
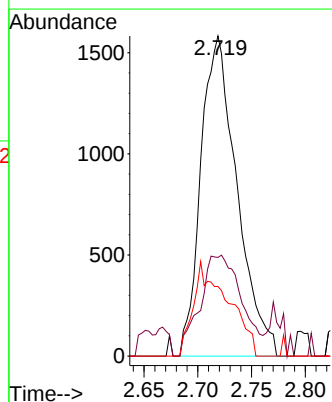
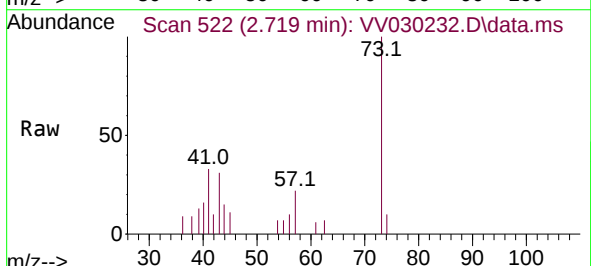
Instrument :
MSVOA_V
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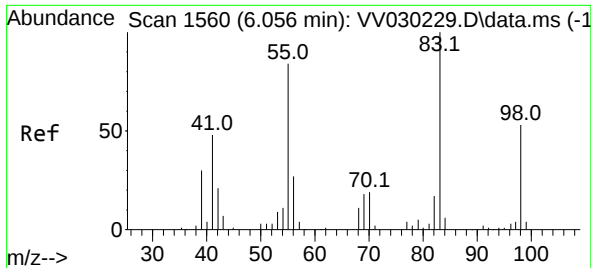
Tgt Ion:	84	Resp:	3877
Ion	Ratio	Lower	Upper
84	100		
86	66.6	44.7	83.1
49	136.7	78.8	146.3



#17
Methyl tert-butyl Ether
Concen: 0.219 ug/L
RT: 2.719 min Scan# 522
Delta R.T. 0.010 min
Lab File: VV030232.D
Acq: 17 Mar 2023 12:17

Tgt Ion:	73	Resp:	3693
Ion	Ratio	Lower	Upper
73	100		
43	36.5	13.4	20.2#
57	28.3	16.8	25.2#

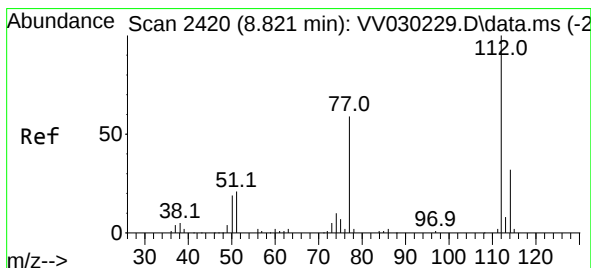
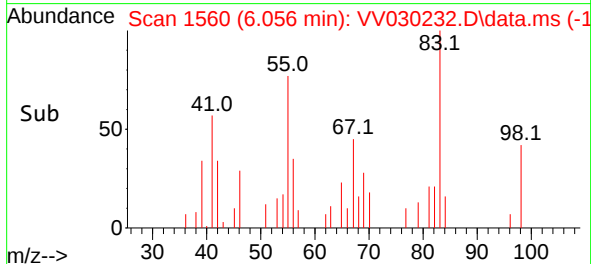
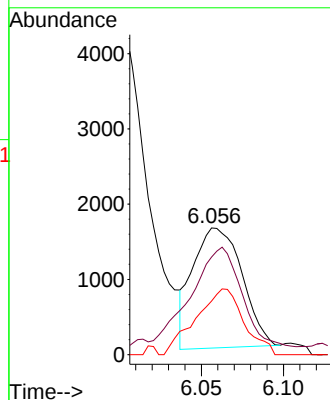
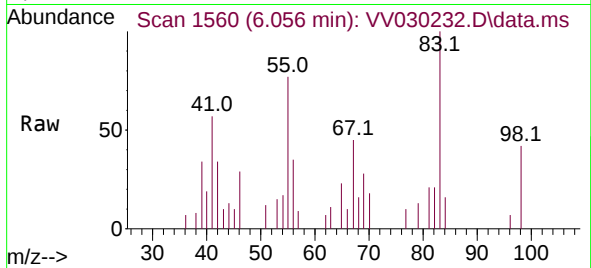




#35
Methylcyclohexane
Concen: 0.233 ug/L
RT: 6.056 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030232.D
Acq: 17 Mar 2023 12:17

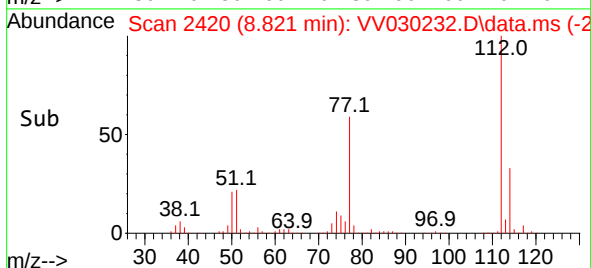
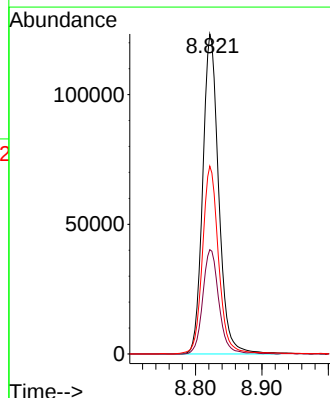
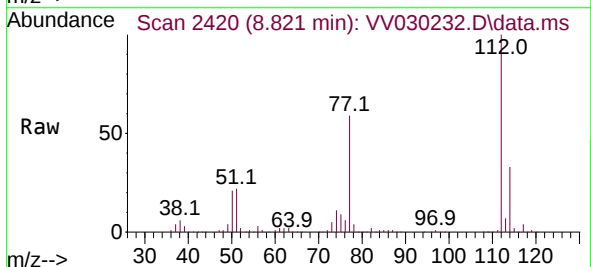
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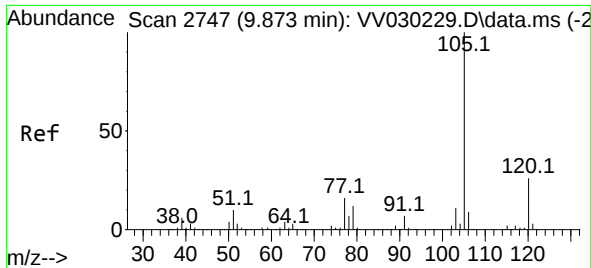
Tgt Ion: 83 Resp: 3316
Ion Ratio Lower Upper
83 100
55 101.9 57.6 86.4#
98 53.3 38.8 58.2



#51
Chlorobenzene
Concen: 8.429 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030232.D
Acq: 17 Mar 2023 12:17

Tgt Ion: 112 Resp: 206353
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.7
77 58.7 45.3 67.9

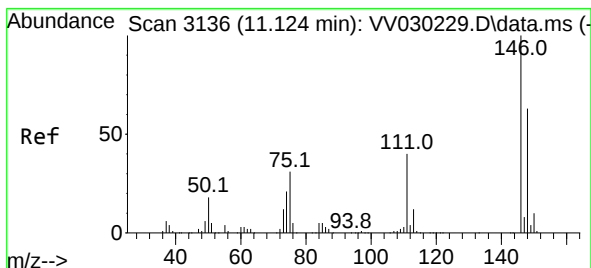
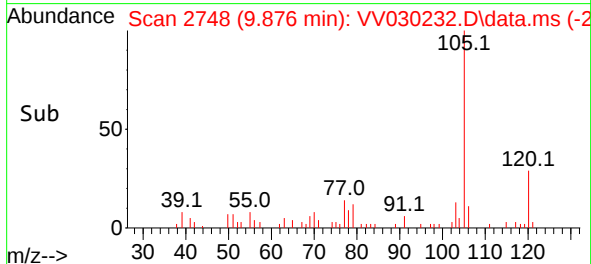
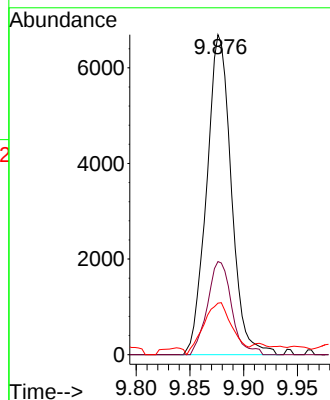
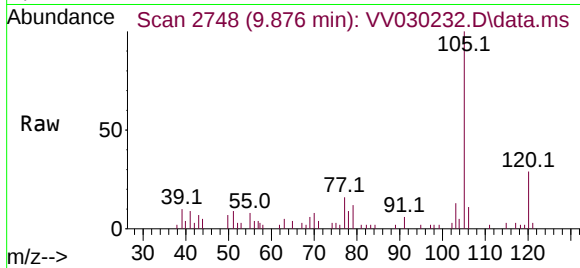




#60
Isopropylbenzene
Concen: 0.280 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030232.D
Acq: 17 Mar 2023 12:17

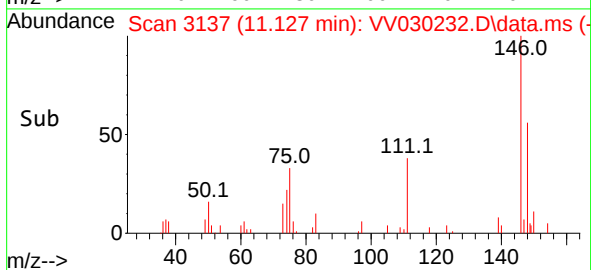
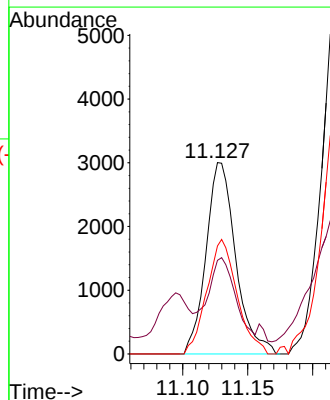
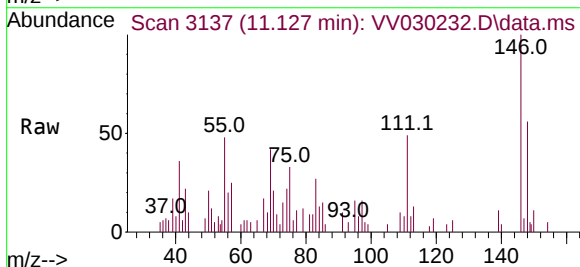
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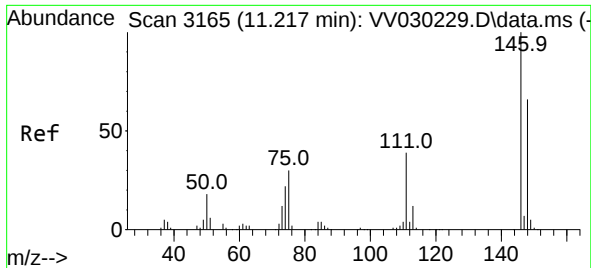
Tgt Ion:105 Resp: 10678
Ion Ratio Lower Upper
105 100
120 28.6 21.4 32.0
77 0.0 12.1 18.1#



#64
1,3-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030232.D
Acq: 17 Mar 2023 12:17

Tgt Ion:146 Resp: 4770
Ion Ratio Lower Upper
146 100
111 49.0 27.7 51.5
148 56.5 44.5 82.7





#65

1,4-Dichlorobenzene

Concen: 0.505 ug/L

RT: 11.220 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030232.D

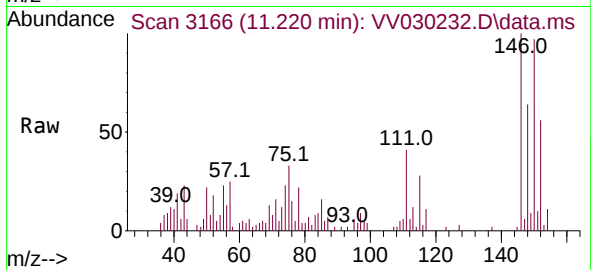
Acq: 17 Mar 2023 12:17

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:146 Resp: 10118

Ion Ratio Lower Upper

146 100

111 41.0 27.4 51.0

148 64.0 44.1 81.9

