

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120722\
 Data File : VV029416.D
 Acq On : 07 Dec 2022 14:45
 Operator : SY/MD
 Sample : VV1207WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK290

Quant Time: Dec 08 00:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

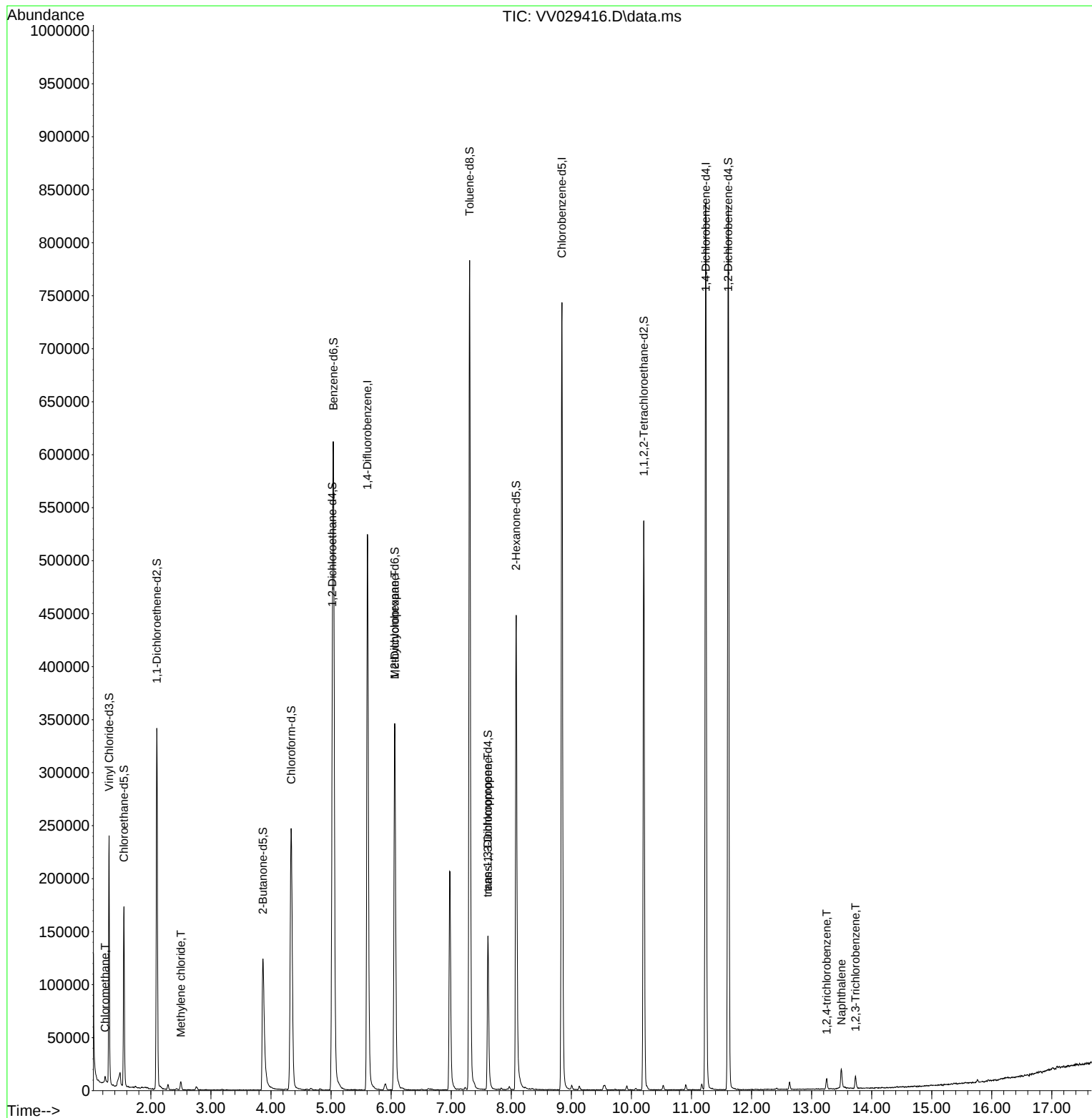
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	482716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	442657	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	224986	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	146651	49.612	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.220%	
7) Chloroethane-d5	1.552	69	111297	49.378	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.760%	
11) 1,1-Dichloroethene-d2	2.098	63	169598	36.785	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.580%	
21) 2-Butanone-d5	3.867	46	193864	107.511	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	107.510%	
24) Chloroform-d	4.336	84	268659	48.298	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.021	65	164172	51.676	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.360%	
32) Benzene-d6	5.040	84	590054	50.447	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.900%	
36) 1,2-Dichloropropane-d6	6.059	67	180301	50.466	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.940%	
41) Toluene-d8	7.307	98	550264	49.930	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.860%	
43) trans-1,3-Dichloroprop...	7.612	79	89066	49.369	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	98.740%	
47) 2-Hexanone-d5	8.082	63	170744	111.916	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	111.920%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	262984	51.511	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.020%	
66) 1,2-Dichlorobenzene-d4	11.612	152	226894	52.977	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.960%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	5616	1.295	ug/L	97
16) Methylene chloride	2.500	84	3231	1.007	ug/L	83
35) Methylcyclohexane	6.059	83	44614	8.401	ug/L #	21
44) trans-1,3-Dichloropropene	7.609	75	3536	0.754	ug/L #	54
70) 1,2,4-trichlorobenzene	13.249	180	3720	0.814	ug/L	97
71) Naphthalene	13.496	128	20095	1.938	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	4116	0.919	ug/L	93

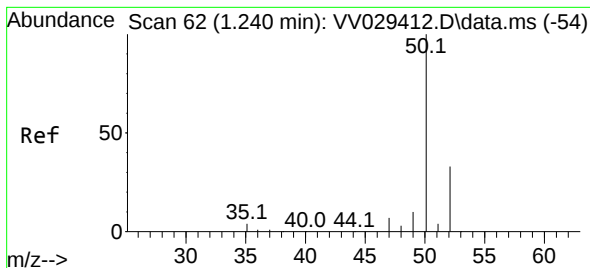
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 08 00:46:44 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.295 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV029416.D

Acq: 07 Dec 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

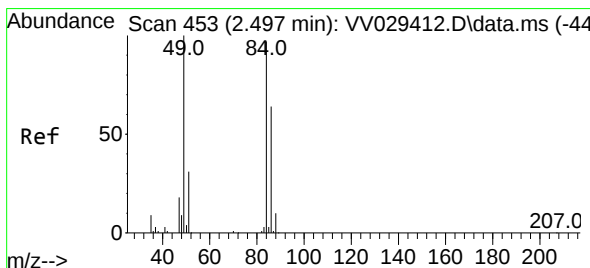
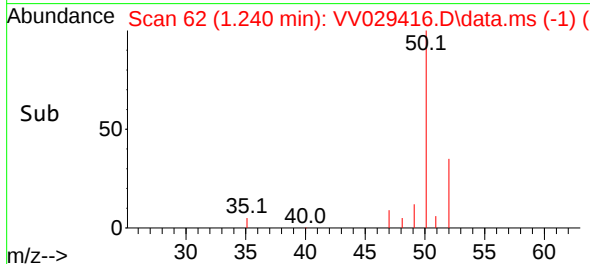
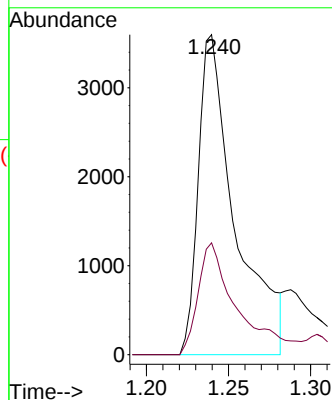
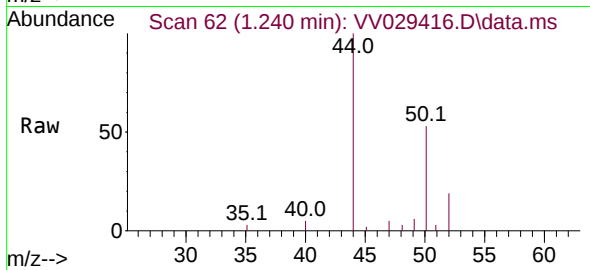
VBLK290

Tgt Ion: 50 Resp: 5616

Ion Ratio Lower Upper

50 100

52 35.0 23.3 43.3



#16

Methylene chloride

Concen: 1.007 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV029416.D

Acq: 07 Dec 2022 14:45

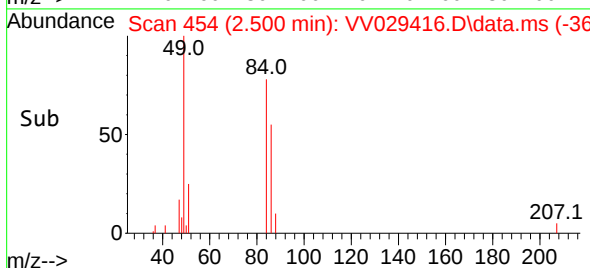
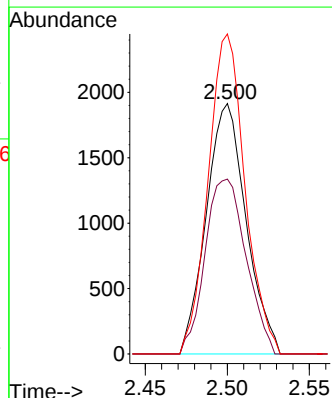
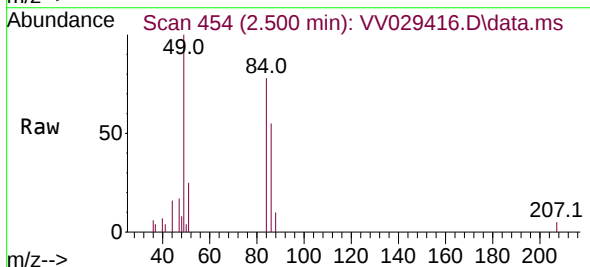
Tgt Ion: 84 Resp: 3231

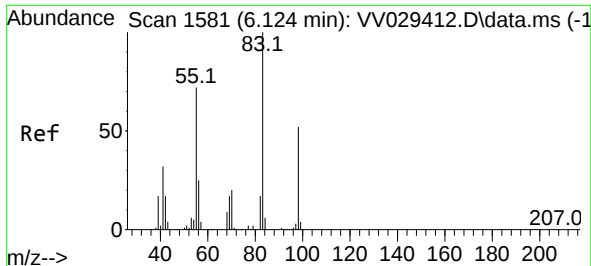
Ion Ratio Lower Upper

84 100

86 69.9 46.0 85.4

49 127.8 72.2 134.0

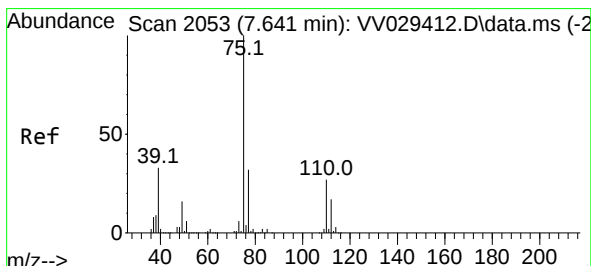
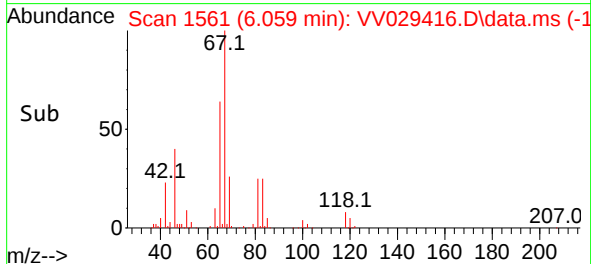
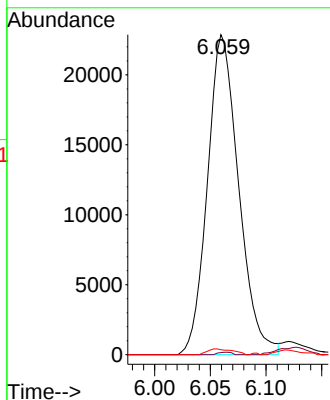
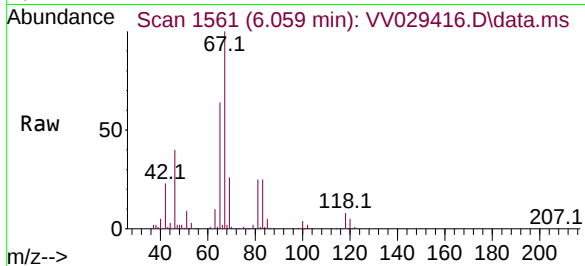




#35
Methylcyclohexane
Concen: 8.401 ug/L
RT: 6.059 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV029416.D
Acq: 07 Dec 2022 14:45

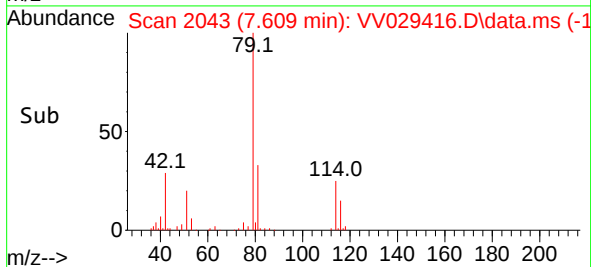
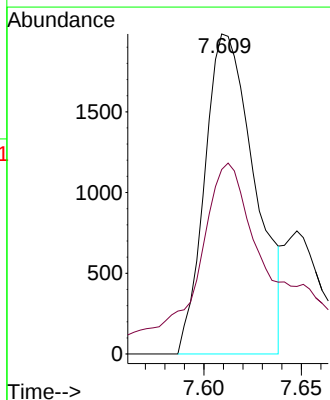
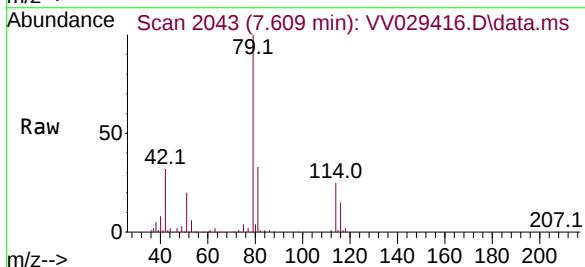
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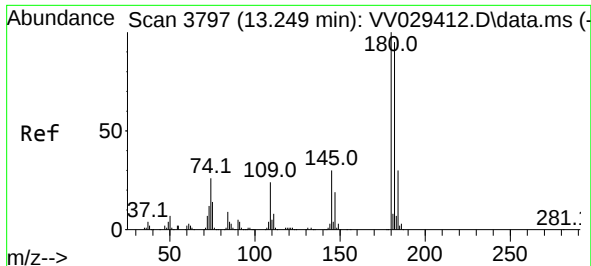
Tgt Ion: 83 Resp: 44614
Ion Ratio Lower Upper
83 100
55 0.3 55.5 83.3#
98 1.5 39.8 59.8#



#44
trans-1,3-Dichloropropene
Concen: 0.754 ug/L
RT: 7.609 min Scan# 2043
Delta R.T. -0.032 min
Lab File: VV029416.D
Acq: 07 Dec 2022 14:45

Tgt Ion: 75 Resp: 3536
Ion Ratio Lower Upper
75 100
77 57.7 22.3 41.5#

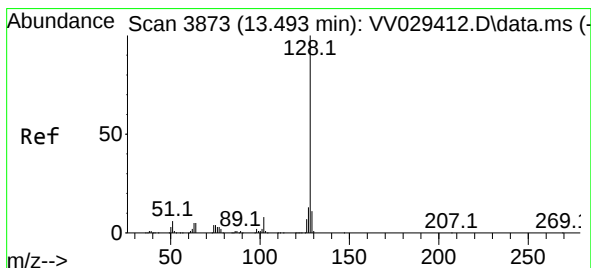
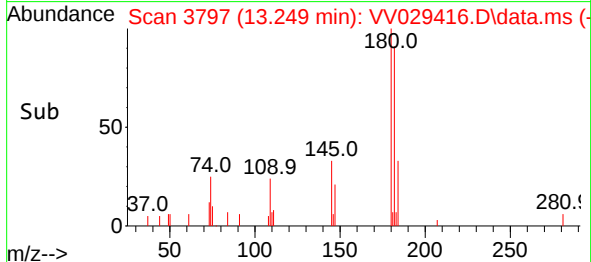
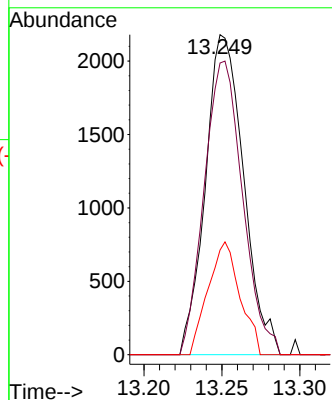
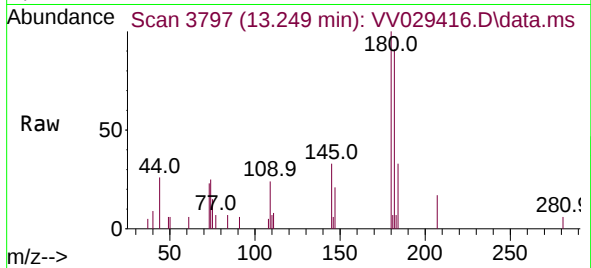




#70
1,2,4-trichlorobenzene
Concen: 0.814 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. 0.000 min
Lab File: VV029416.D
Acq: 07 Dec 2022 14:45

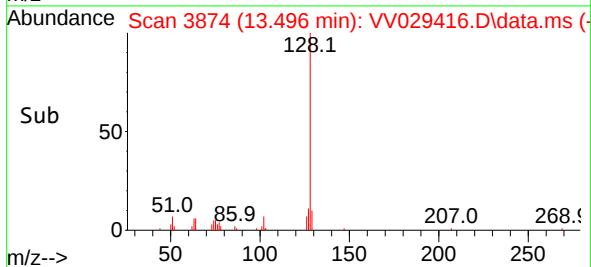
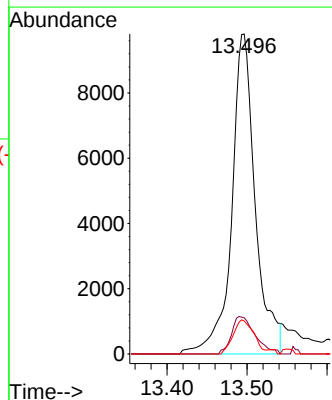
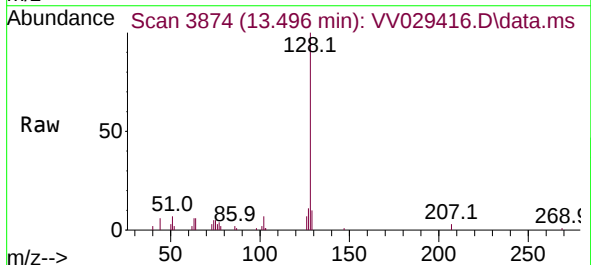
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VBLK290

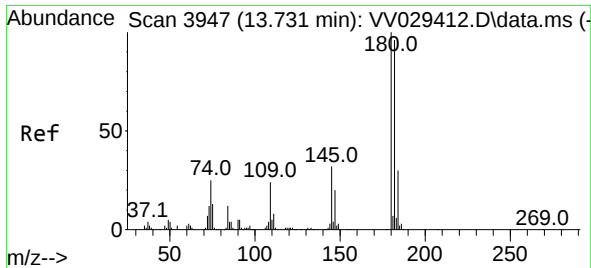
Tgt Ion:180 Resp: 3720
Ion Ratio Lower Upper
180 100
182 92.1 76.3 114.5
145 29.4 23.7 35.5



#71
Naphthalene
Concen: 1.938 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029416.D
Acq: 07 Dec 2022 14:45

Tgt Ion:128 Resp: 20095
Ion Ratio Lower Upper
128 100
127 11.5 10.2 15.4
129 9.3 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 0.919 ug/L
 RT: 13.731 min Scan# 3947
 Delta R.T. 0.000 min
 Lab File: VV029416.D
 Acq: 07 Dec 2022 14:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK290

Tgt Ion:	180	Resp:	4116
Ion	Ratio	Lower	Upper
180	100		
182	87.6	76.4	114.6
145	29.0	25.0	37.6

