

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120522\
 Data File : VV029397.D
 Acq On : 05 Dec 2022 11:31
 Operator : SY/MD
 Sample : VV1205WBL05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK284

Quant Time: Dec 05 23:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

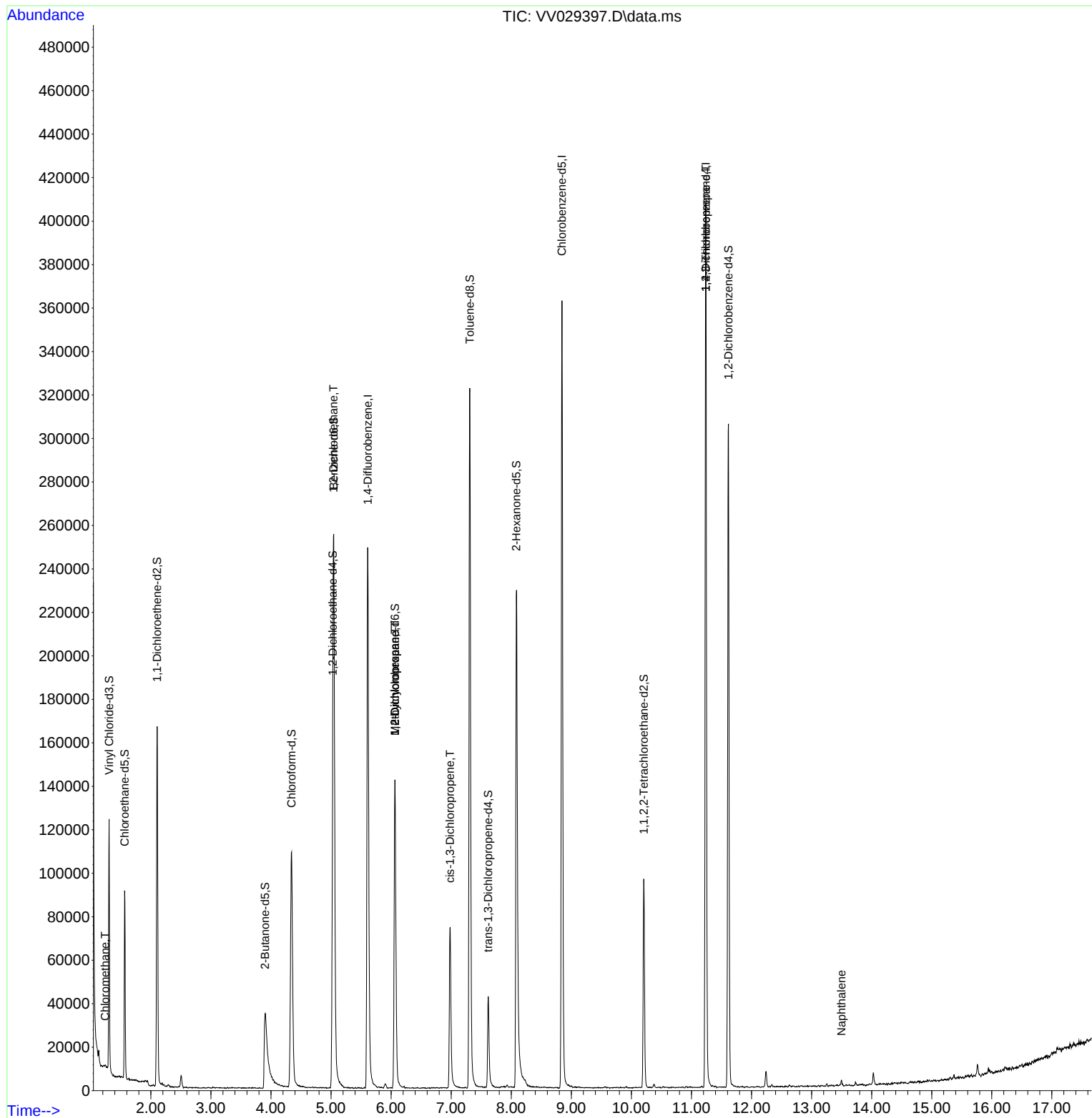
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	237715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	213890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	110967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70405	4.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.565	69	54459	5.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.105	63	82804	3.537	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	3.902	46	84783	34.644	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.280%	
24) Chloroform-d	4.343	84	119027	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.027	65	52809	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.043	84	256033	4.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.063	67	75241	4.530	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.310	98	234625	4.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.616	79	28178	4.400	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.085	63	97925	42.897	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.800%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	49911	4.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	82357	4.248	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.000%	
Target Compounds						
3) Chloromethane	1.240	50	902	0.056	ug/L	88
27) 1,2-Dichloroethane	5.040	62	1195	0.084	ug/L #	72
35) Methylcyclohexane	6.063	83	17849	0.648	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	8049	0.534	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2024	0.092	ug/L #	82
61) 1,2,3-Trichloropropane	11.239	75	13086	1.700	ug/L #	65
71) Naphthalene	13.497	128	2374	0.123	ug/L #	85

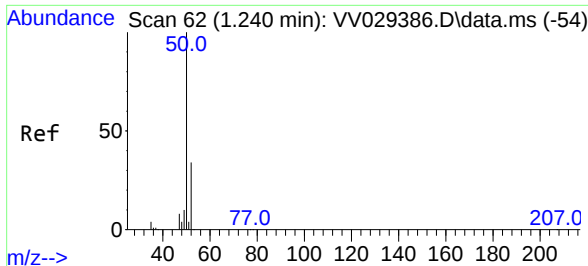
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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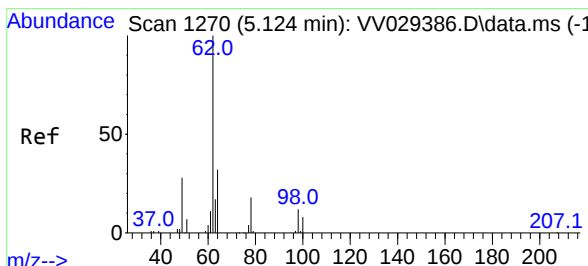
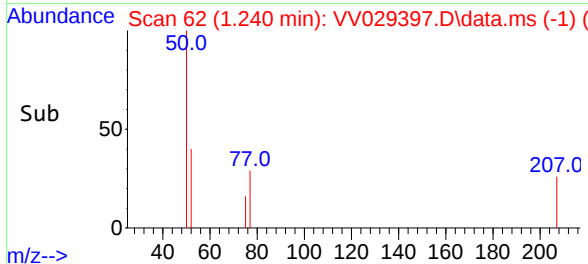
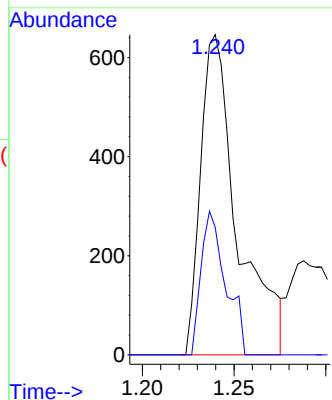
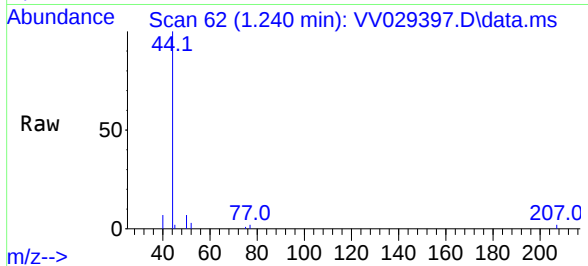




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029397.D
Acq: 05 Dec 2022 11:31

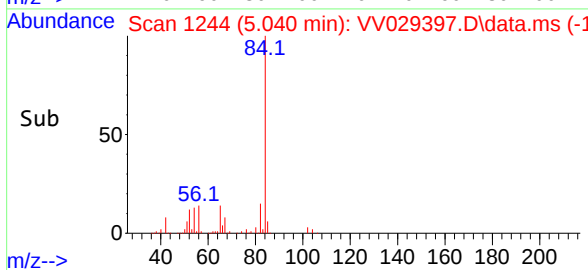
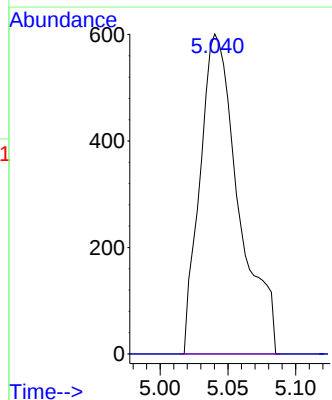
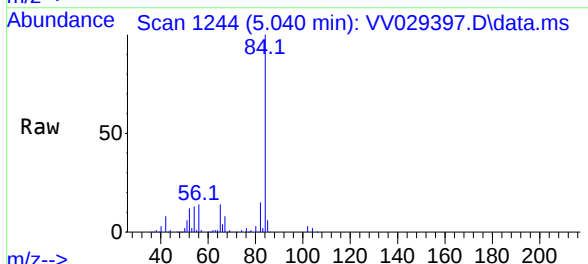
Instrument :
MSVOA_V
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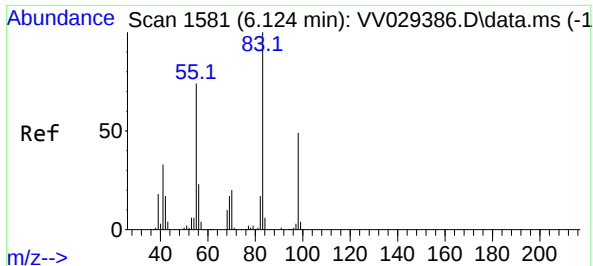
Tgt Ion: 50 Resp: 902
Ion Ratio Lower Upper
50 100
52 39.8 23.2 43.2



#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.084 min
Lab File: VV029397.D
Acq: 05 Dec 2022 11:31

Tgt Ion: 62 Resp: 1195
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#

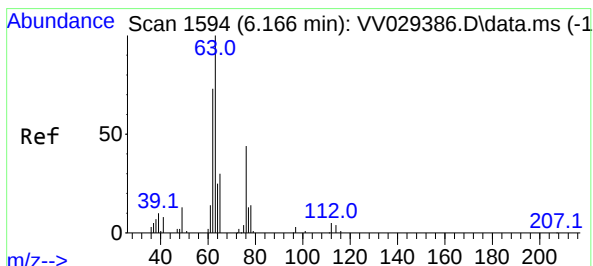
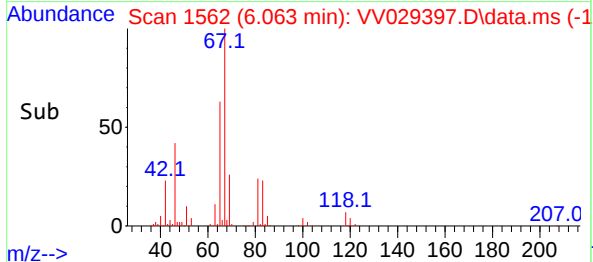
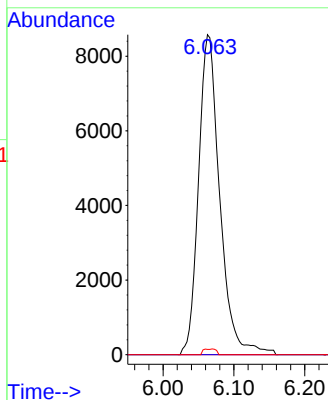
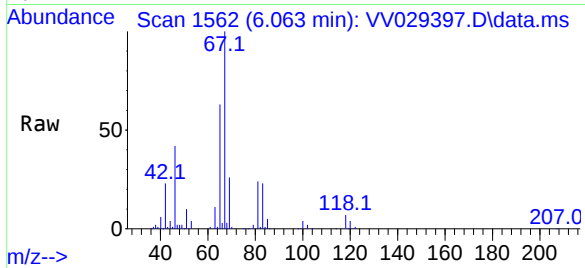




#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029397.D
Acq: 05 Dec 2022 11:31

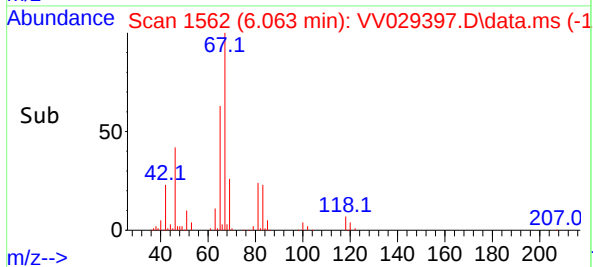
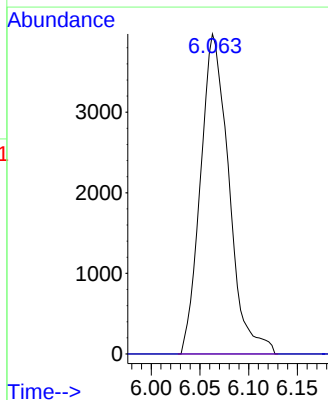
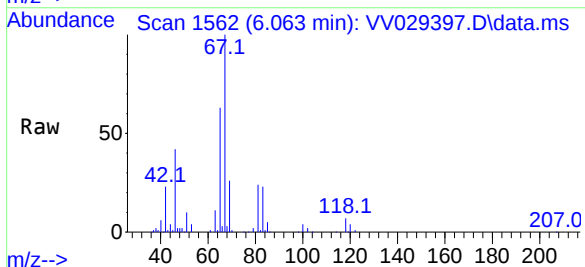
Instrument :
MSVOA_V
ClientSampleId :
VBLK284

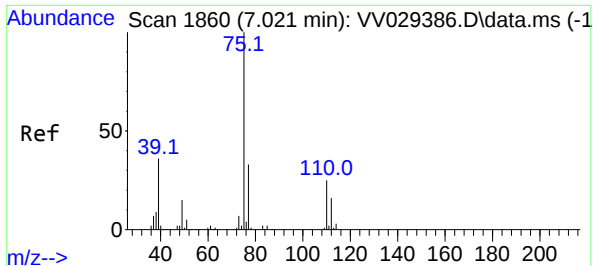
Tgt Ion: 83 Resp: 17849
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 1.1 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029397.D
Acq: 05 Dec 2022 11:31

Tgt Ion: 63 Resp: 8049
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029397.D

Acq: 05 Dec 2022 11:31

Instrument :

MSVOA_V

ClientSampleId :

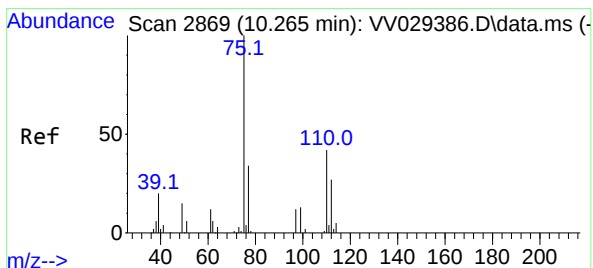
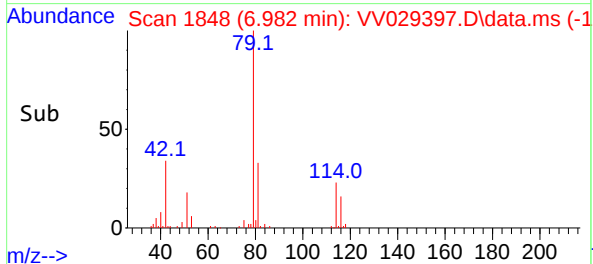
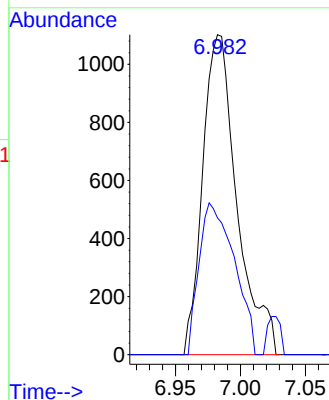
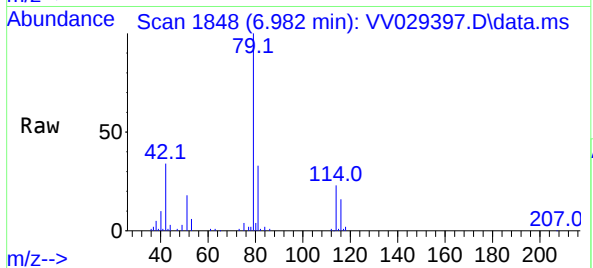
VBLK284

Tgt Ion: 75 Resp: 2024

Ion Ratio Lower Upper

75 100

77 42.7 22.7 42.3#



#61

1,2,3-Trichloropropane

Concen: 1.700 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029397.D

Acq: 05 Dec 2022 11:31

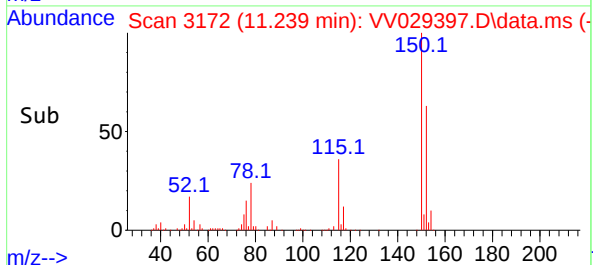
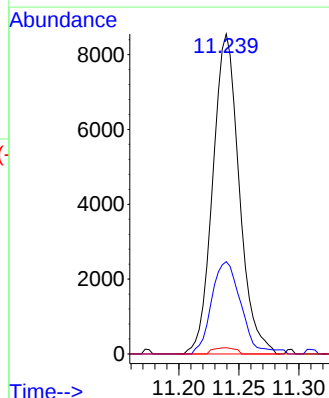
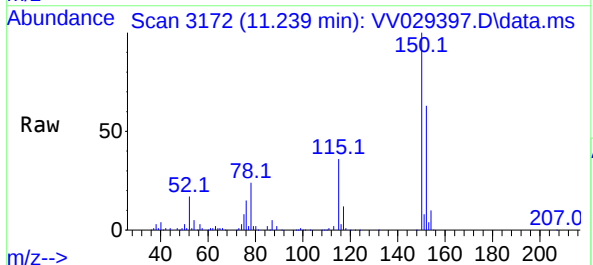
Tgt Ion: 75 Resp: 13086

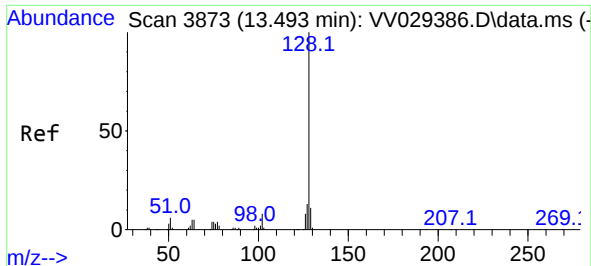
Ion Ratio Lower Upper

75 100

77 32.2 26.7 40.1

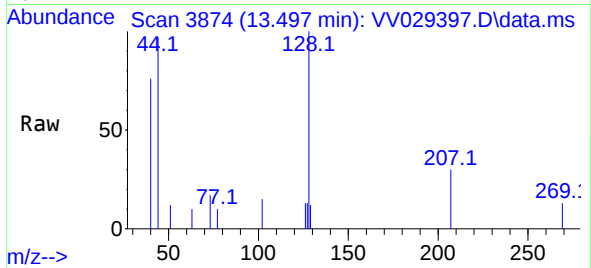
110 1.6 32.2 48.4#





#71
Naphthalene
Concen: 0.123 ug/L
RT: 13.497 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029397.D
Acq: 05 Dec 2022 11:31

Instrument :
MSVOA_V
ClientSampleId :
VBLK284



Tgt Ion:128 Resp: 2374
Ion Ratio Lower Upper
128 100
129 4.0 8.9 13.3#
127 8.6 10.6 15.8#

