

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
 Data File : VV029343.D
 Acq On : 25 Nov 2022 09:49
 Operator : SY/MD
 Sample : VV1125WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK278

Quant Time: Nov 25 21:29:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

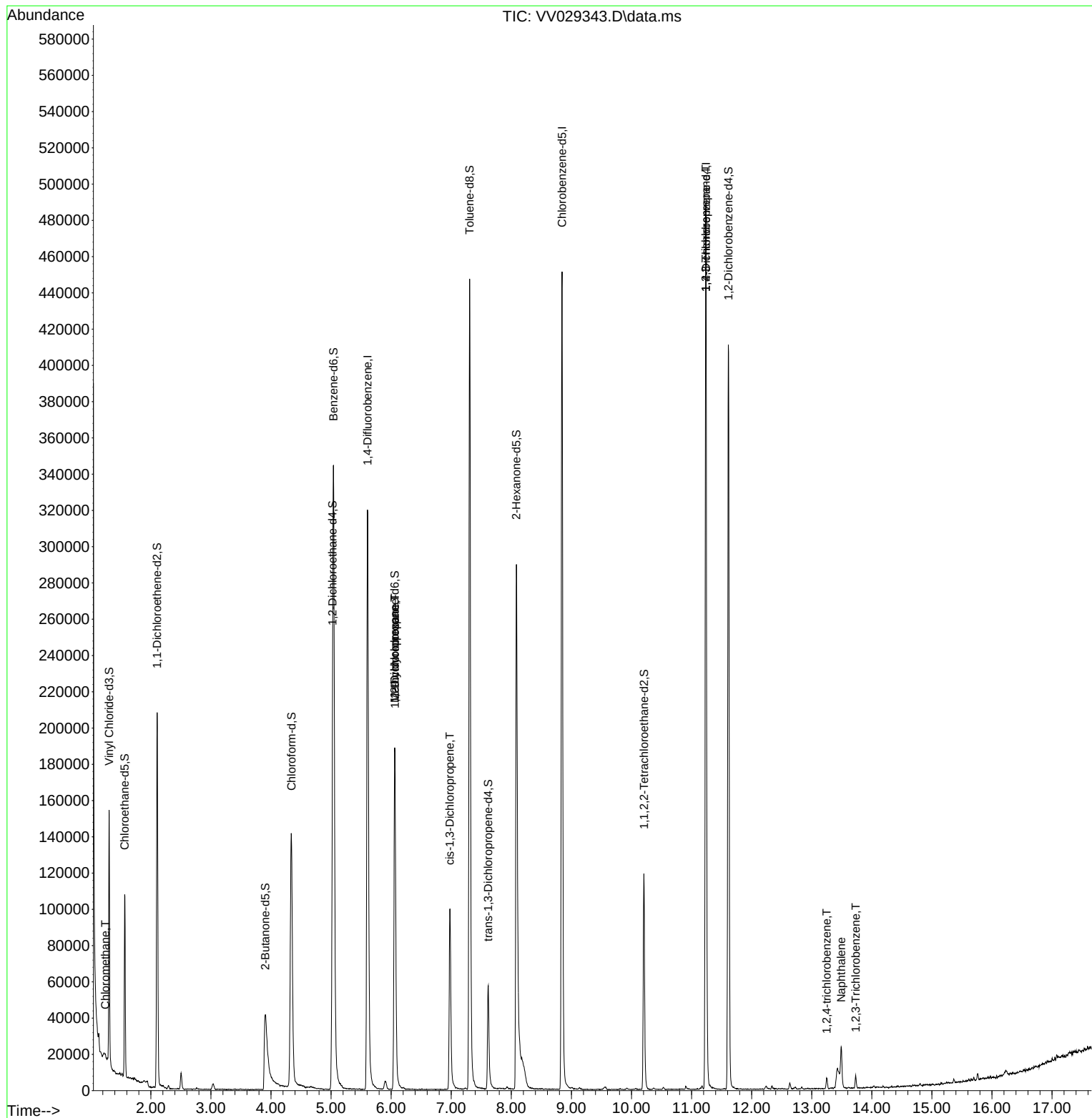
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	300844	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	268434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	134260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89259	4.821	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.564	69	65923	4.864	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.105	63	106272	3.587	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.905	46	102449	33.078	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	66.160%	
24) Chloroform-d	4.339	84	155164	4.695	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.024	65	71139	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.040	84	348908	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.059	67	99302	4.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.307	98	317873	4.540	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	7.616	79	37512	4.667	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.085	63	123623	43.150	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.300%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	59760	4.646	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	11.612	152	113019	4.819	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
3) Chloromethane	1.243	50	1038	0.050	ug/L	90
35) Methylcyclohexane	6.059	83	23901	0.691	ug/L #	22
37) 1,2-Dichloropropane	6.063	63	10590	0.560	ug/L #	85
39) cis-1,3-Dichloropropene	6.976	75	2538	0.092	ug/L #	68
61) 1,2,3-Trichloropropane	11.236	75	14831	1.593	ug/L #	66
70) 1,2,4-trichlorobenzene	13.249	180	2176	0.080	ug/L	92
71) Naphthalene	13.490	128	21816	0.932	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	2356	0.107	ug/L	97

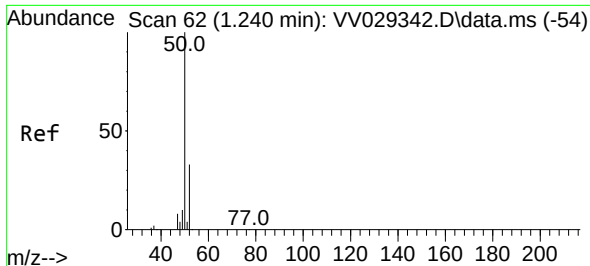
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 25 21:27:54 2022
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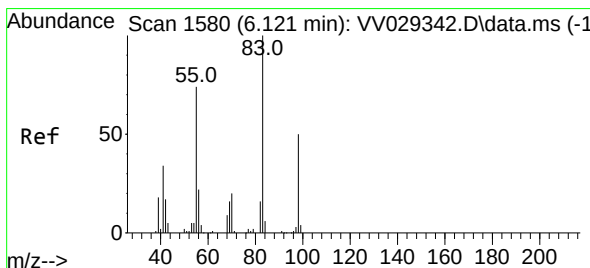
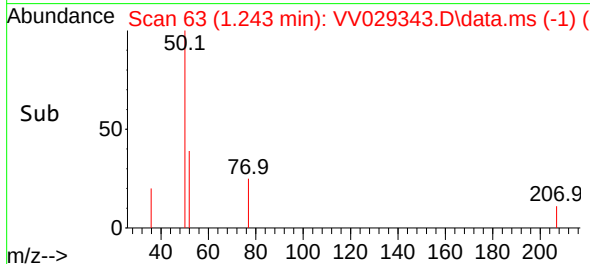
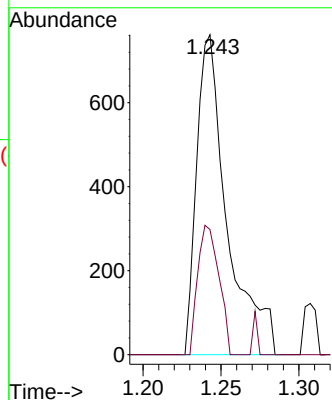
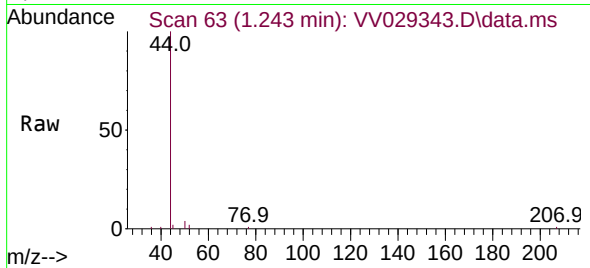




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029343.D
Acq: 25 Nov 2022 09:49

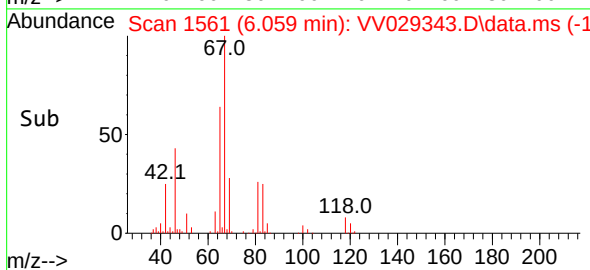
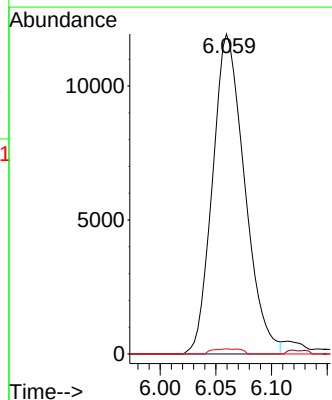
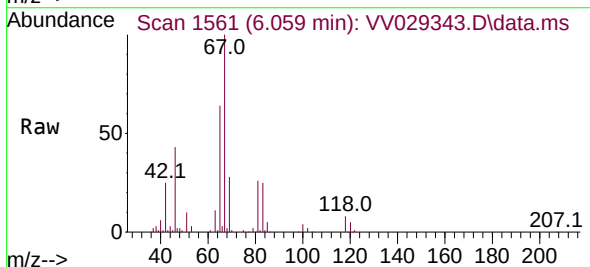
Instrument :
MSVOA_V
ClientSampleId :
VBLK278

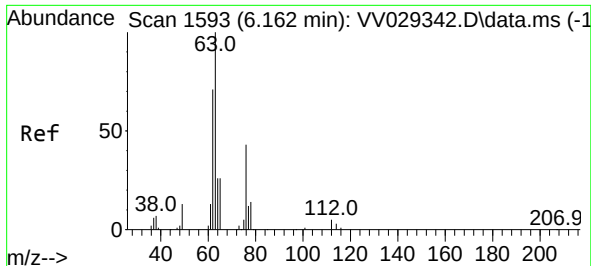
Tgt Ion: 50 Resp: 1038
Ion Ratio Lower Upper
50 100
52 39.1 23.2 43.2



#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029343.D
Acq: 25 Nov 2022 09:49

Tgt Ion: 83 Resp: 23901
Ion Ratio Lower Upper
83 100
55 0.7 55.4 83.2#
98 1.4 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029343.D

Acq: 25 Nov 2022 09:49

Instrument :

MSVOA_V

ClientSampleId :

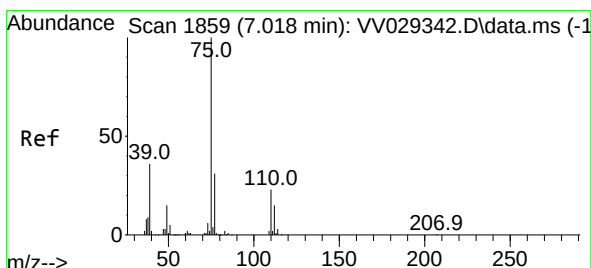
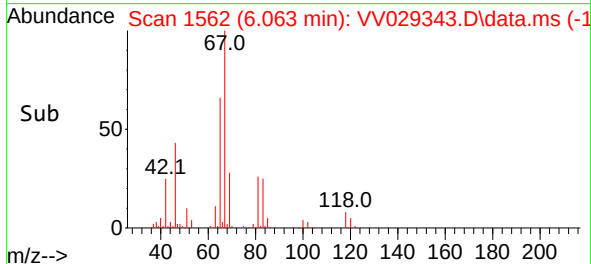
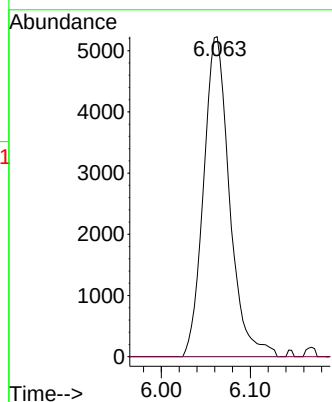
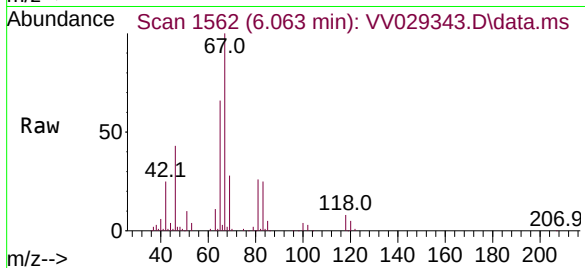
VBK278

Tgt Ion: 63 Resp: 10590

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.976 min Scan# 1846

Delta R.T. -0.042 min

Lab File: VV029343.D

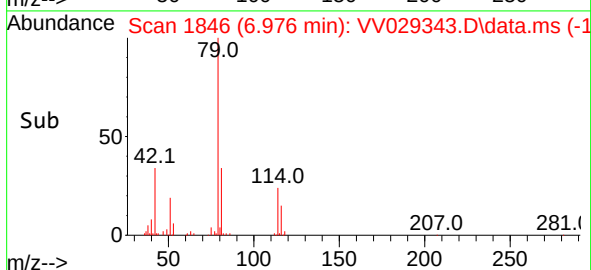
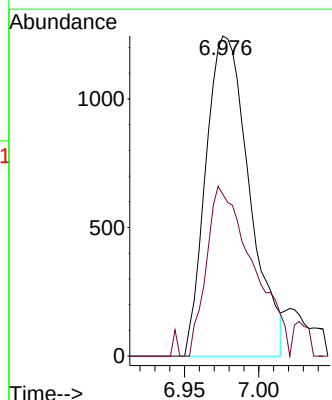
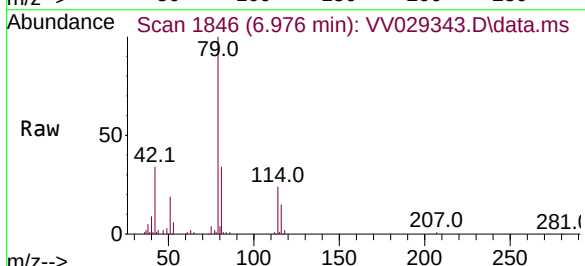
Acq: 25 Nov 2022 09:49

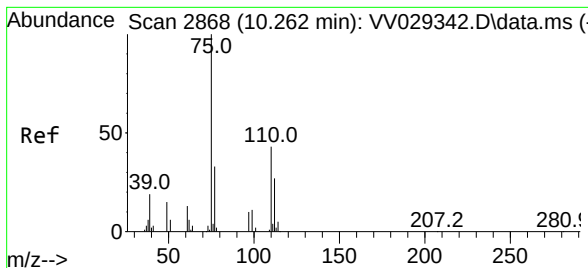
Tgt Ion: 75 Resp: 2538

Ion Ratio Lower Upper

75 100

77 50.4 22.7 42.3#





#61

1,2,3-Trichloropropane

Concen: 1.593 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029343.D

Acq: 25 Nov 2022 09:49

Instrument :

MSVOA_V

ClientSampleId :

VBLK278

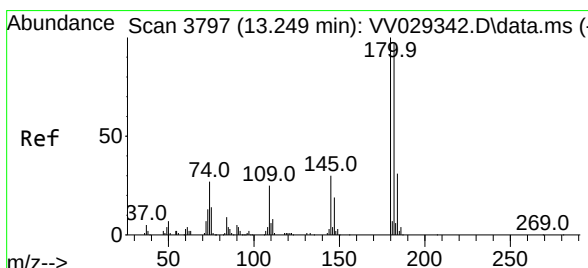
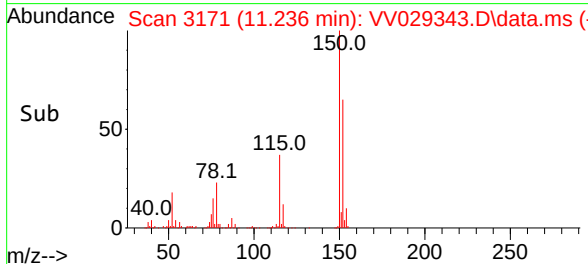
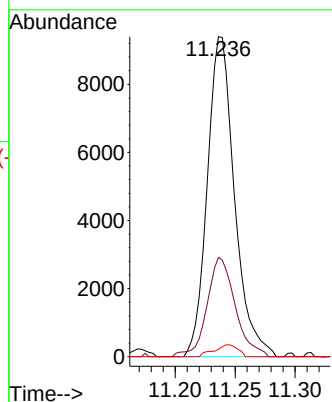
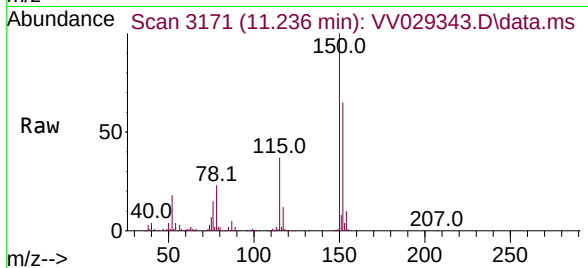
Tgt Ion: 75 Resp: 14831

Ion Ratio Lower Upper

75 100

77 32.1 26.7 40.1

110 3.2 32.2 48.4#



#70

1,2,4-trichlorobenzene

Concen: 0.080 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029343.D

Acq: 25 Nov 2022 09:49

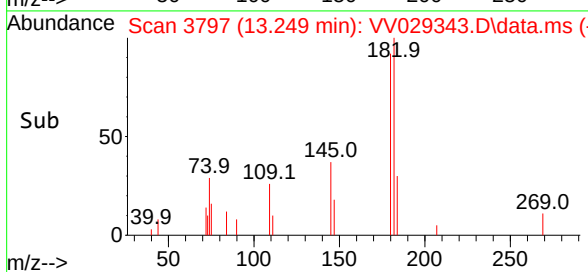
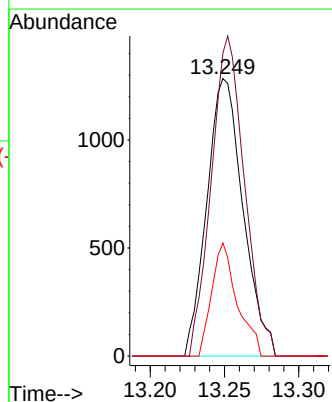
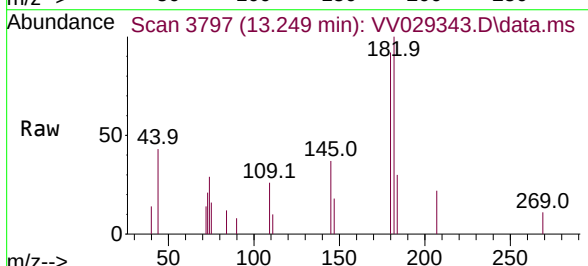
Tgt Ion:180 Resp: 2176

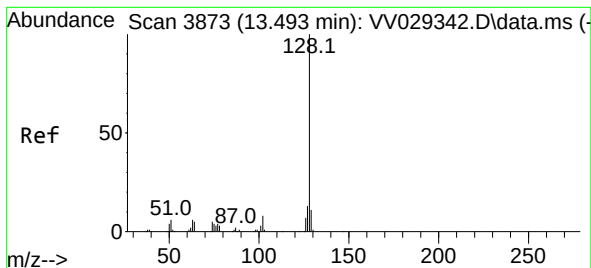
Ion Ratio Lower Upper

180 100

182 105.7 76.2 114.4

145 28.6 23.4 35.0





#71

Naphthalene

Concen: 0.932 ug/L

RT: 13.490 min Scan# 3873

Delta R.T. -0.003 min

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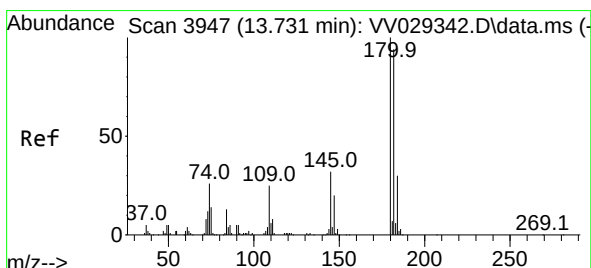
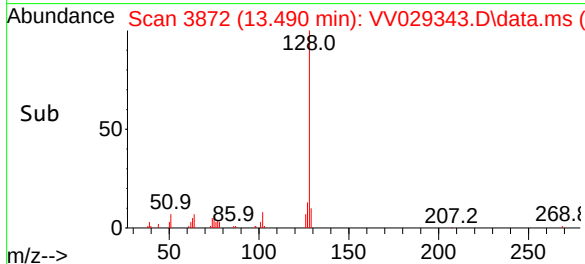
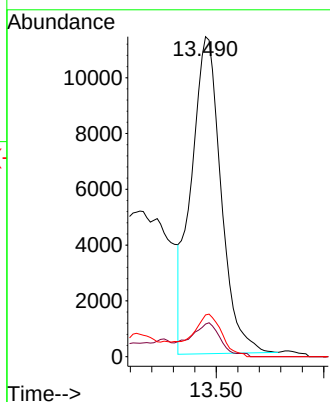
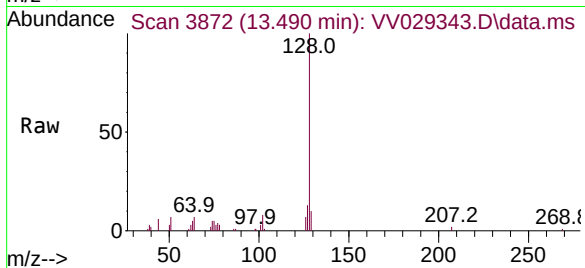
Tgt Ion:128 Resp: 21816

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 12.6 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.107 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV029343.D

Acq: 25 Nov 2022 09:49

Tgt Ion:180 Resp: 2356

Ion Ratio Lower Upper

180 100

182 96.5 75.0 112.4

145 33.1 25.2 37.8

