

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072722\
 Data File : VW027016.D
 Acq On : 27 Jul 2022 22:42
 Operator : SY/MD
 Sample : N3843-07DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUE7

Quant Time: Jul 28 06:16:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 28 02:51:09 2022
 Response via : Initial Calibration

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

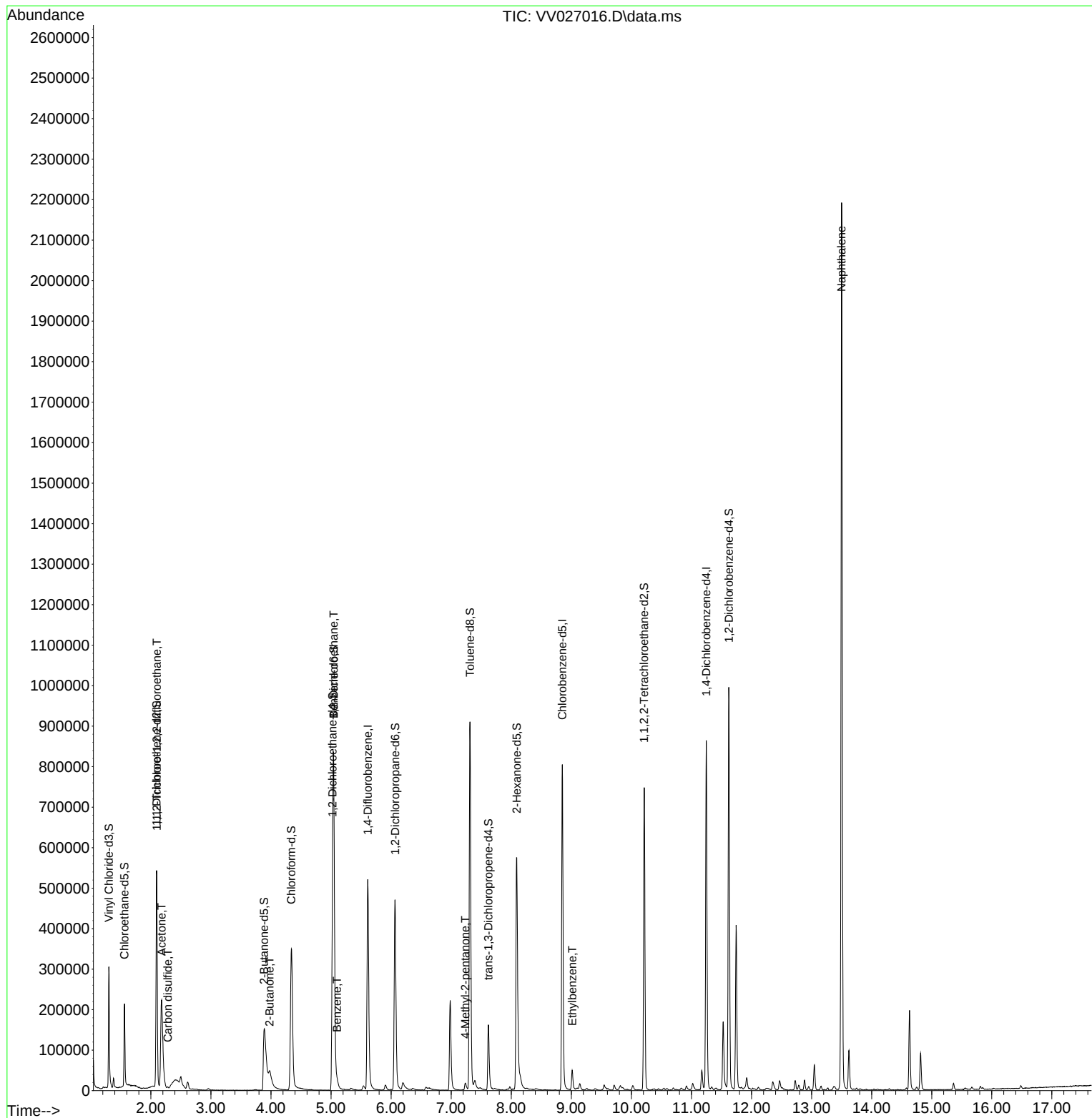
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	471459	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	468309	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	230326	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	207874	52.571	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	105.140%	
7) Chloroethane-d5	1.561	69	131190	41.011	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	82.020%	
11) 1,1-Dichloroethene-d2	2.095	63	274476	38.583	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	77.160%	
21) 2-Butanone-d5	3.886	46	294830	110.619	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	110.620%	
24) Chloroform-d	4.339	84	381670	49.045	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.080%	
26) 1,2-Dichloroethane-d4	5.024	65	229479	51.552	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.100%	
32) Benzene-d6	5.044	84	770448	54.426	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	108.860%	
36) 1,2-Dichloropropane-d6	6.066	67	242695	53.200	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	106.400%	
41) Toluene-d8	7.314	98	625282	50.483	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.960%	
43) trans-1,3-Dichloroprop...	7.619	79	96744	50.611	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	101.220%	
47) 2-Hexanone-d5	8.092	63	219951	110.731	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	110.730%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	366041	52.818	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	105.640%	
66) 1,2-Dichlorobenzene-d4	11.622	152	262468	60.741	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	121.480%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	2808	0.720	ug/L #	30
13) Acetone	2.179	43	342033	182.765	ug/L	98
14) Carbon disulfide	2.282	76	5356	0.515	ug/L	98
22) 2-Butanone	3.979	43	70835	27.752	ug/L	98
27) 1,2-Dichloroethane	5.044	62	3901	0.731	ug/L	98
33) Benzene	5.098	78	20455	1.358	ug/L	100
40) 4-Methyl-2-pentanone	7.236	43	12548	2.690	ug/L	95
52) Ethylbenzene	9.014	91	35022	2.195	ug/L	99
71) Naphthalene	13.500	128	1629527	124.919	ug/L	100

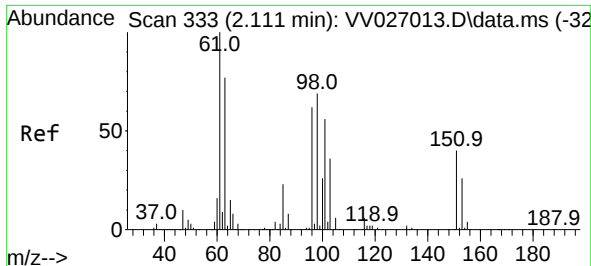
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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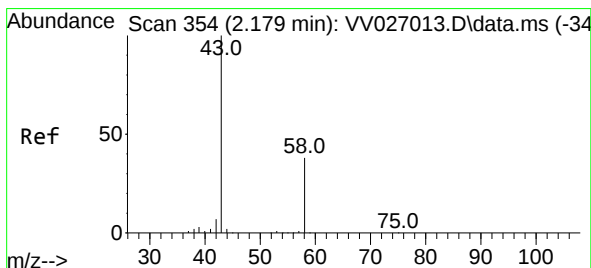
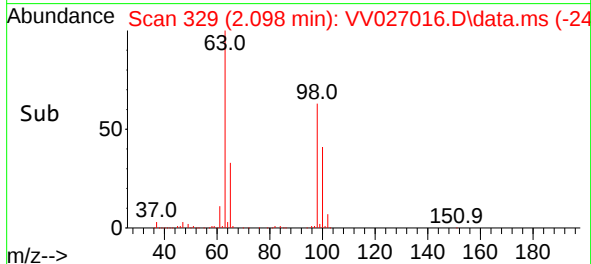
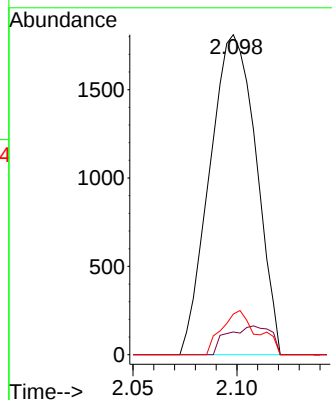
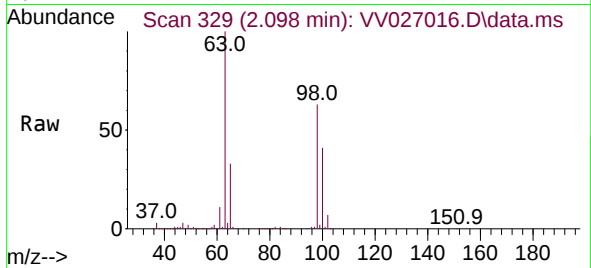




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.720 ug/L
RT: 2.098 min Scan# 311
Delta R.T. -0.013 min
Lab File: VV027016.D
Acq: 27 Jul 2022 22:42

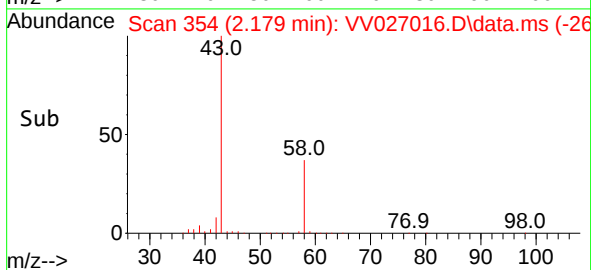
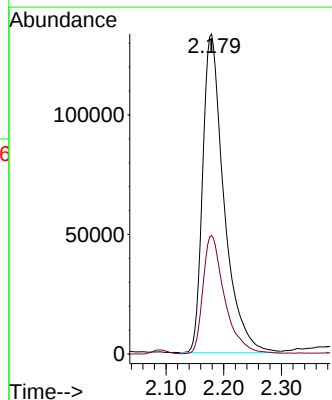
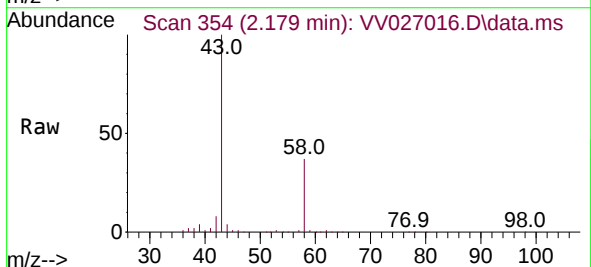
Instrument :
MSVOA_V
ClientSampleId :
DBUE7

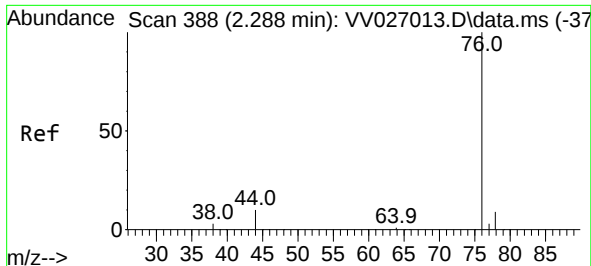
Tgt Ion:101 Resp: 2808
Ion Ratio Lower Upper
101 100
85 3.3 33.1 49.7#
151 9.1 57.1 85.7#



#13
Acetone
Concen: 182.765 ug/L
RT: 2.179 min Scan# 354
Delta R.T. 0.000 min
Lab File: VV027016.D
Acq: 27 Jul 2022 22:42

Tgt Ion: 43 Resp: 342033
Ion Ratio Lower Upper
43 100
58 37.6 0.0 72.6

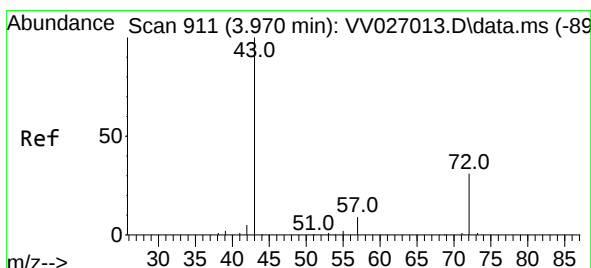
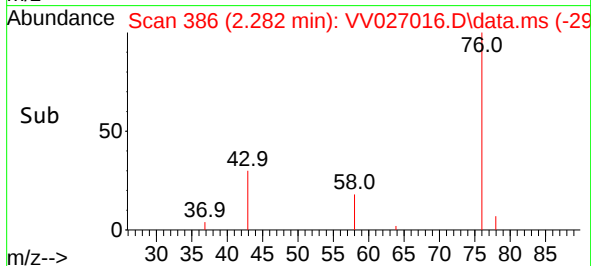
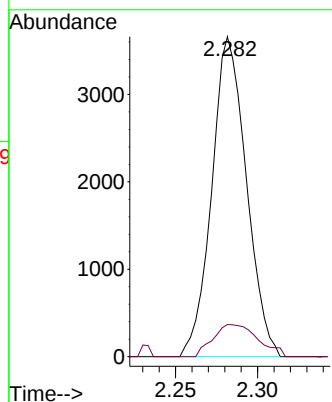
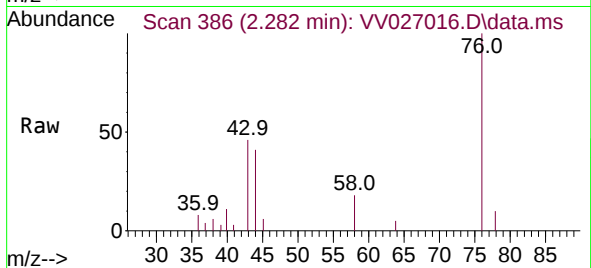




#14
Carbon disulfide
Concen: 0.515 ug/L
RT: 2.282 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV027016.D
Acq: 27 Jul 2022 22:42

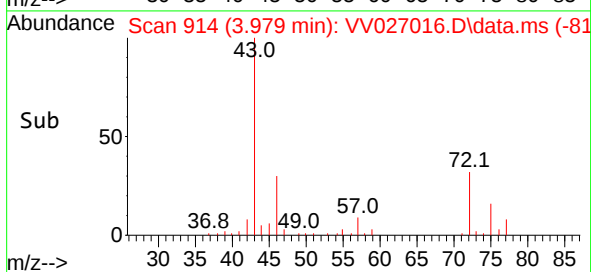
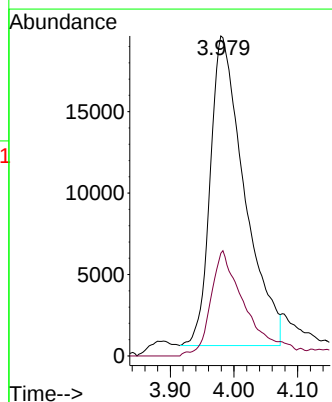
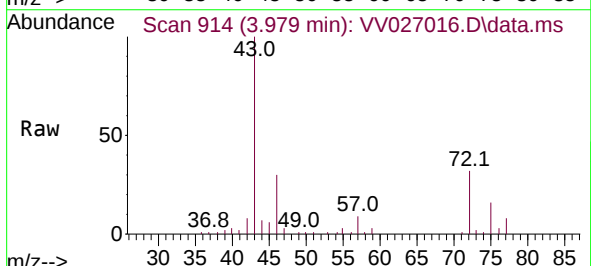
Instrument :
MSVOA_V
ClientSampleId :
DBUE7

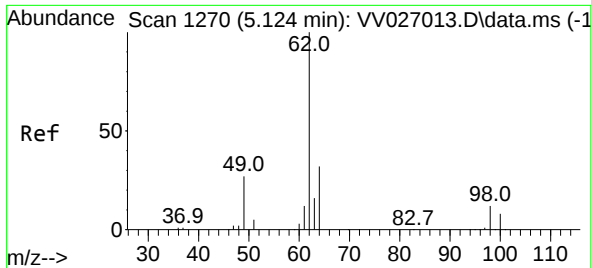
Tgt Ion: 76 Resp: 5356
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2



#22
2-Butanone
Concen: 27.752 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.010 min
Lab File: VV027016.D
Acq: 27 Jul 2022 22:42

Tgt Ion: 43 Resp: 70835
Ion Ratio Lower Upper
43 100
72 30.8 14.9 44.5





#27

1,2-Dichloroethane

Concen: 0.731 ug/L

RT: 5.044 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV027016.D

Acq: 27 Jul 2022 22:42

Instrument :

MSVOA_V

ClientSampleId :

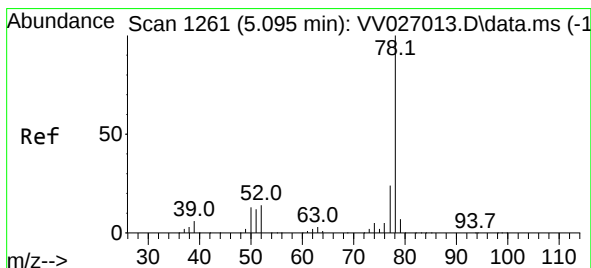
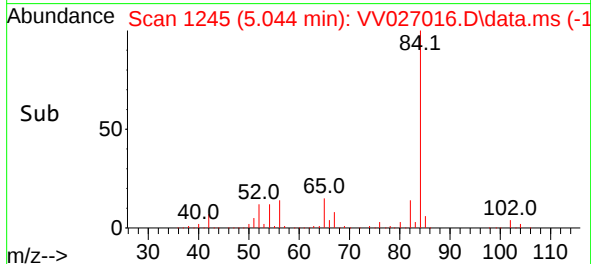
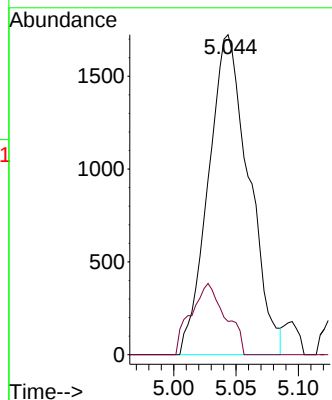
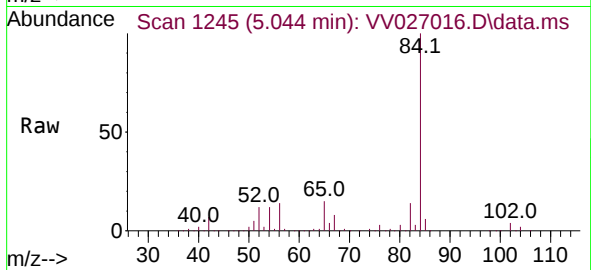
DBUE7

Tgt Ion: 62 Resp: 3901

Ion Ratio Lower Upper

62 100

98 10.4 8.9 13.3



#33

Benzene

Concen: 1.358 ug/L

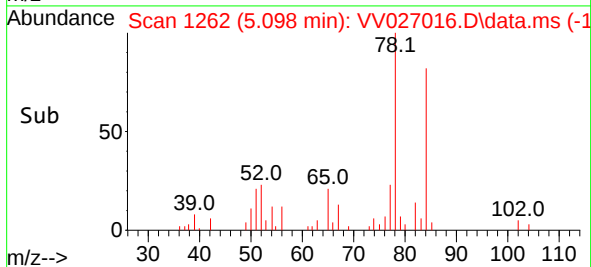
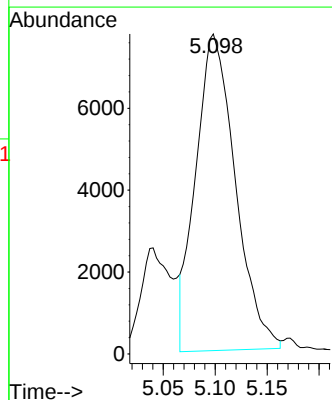
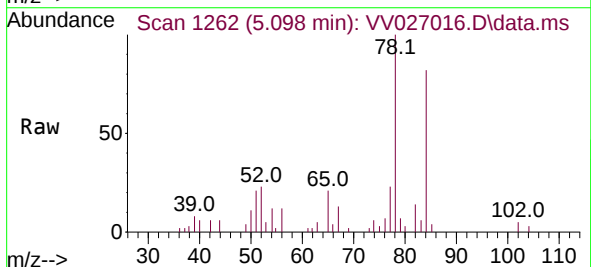
RT: 5.098 min Scan# 1262

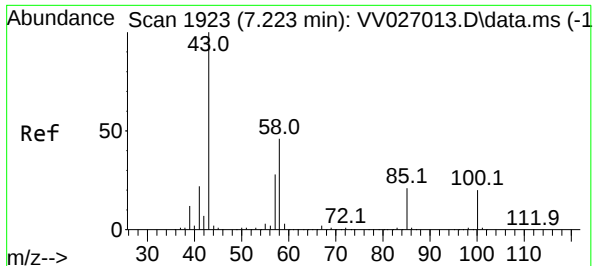
Delta R.T. 0.003 min

Lab File: VV027016.D

Acq: 27 Jul 2022 22:42

Tgt Ion: 78 Resp: 20455





#40

4-Methyl-2-pentanone

Concen: 2.690 ug/L

RT: 7.236 min Scan# 1923

Delta R.T. 0.013 min

Lab File: VV027016.D

Acq: 27 Jul 2022 22:42

Instrument :

MSVOA_V

ClientSampleId :

DBUE7

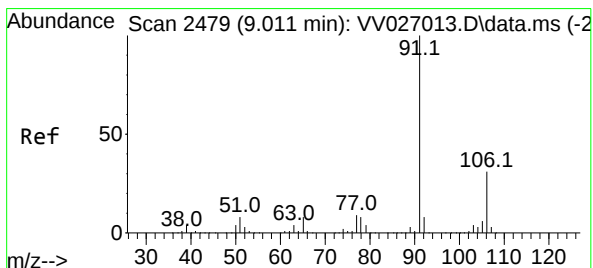
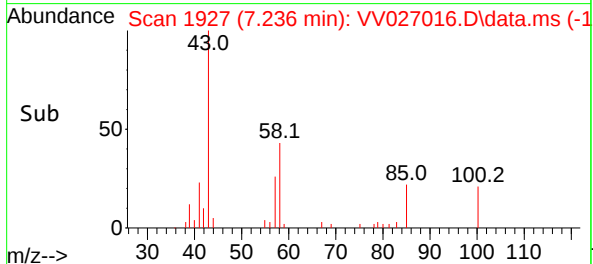
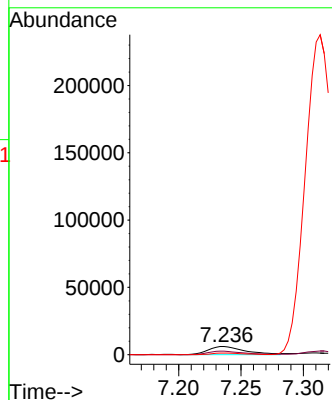
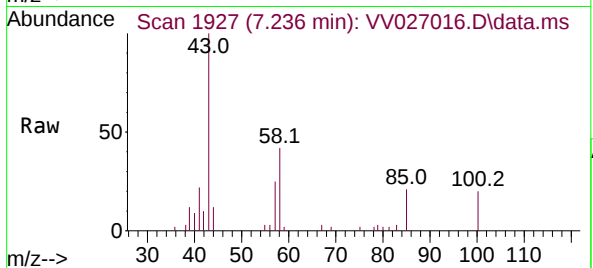
Tgt Ion: 43 Resp: 12548

Ion Ratio Lower Upper

43 100

58 40.6 35.0 52.6

100 17.1 15.4 23.0



#52

Ethylbenzene

Concen: 2.195 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV027016.D

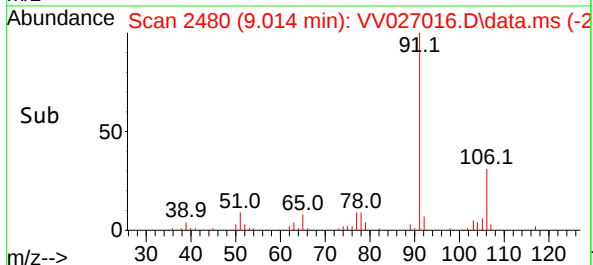
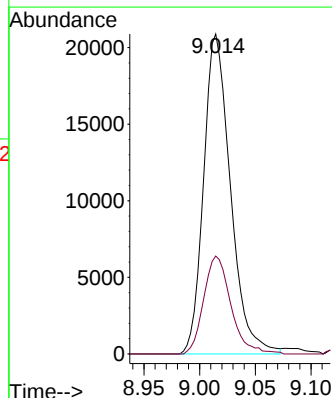
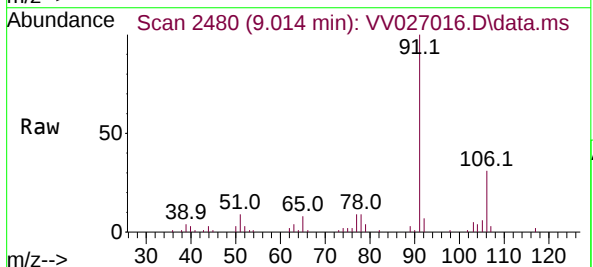
Acq: 27 Jul 2022 22:42

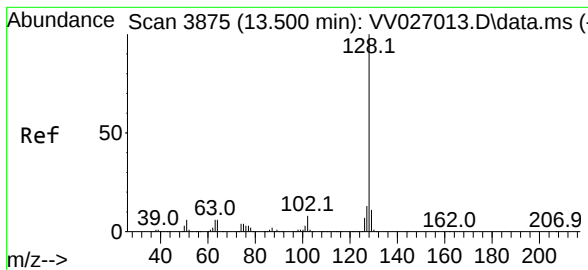
Tgt Ion: 91 Resp: 35022

Ion Ratio Lower Upper

91 100

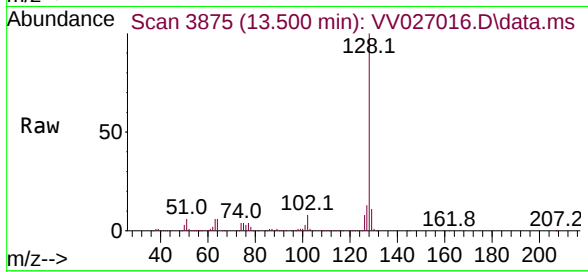
106 30.6 22.0 40.8





#71
Naphthalene
Concen: 124.919 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027016.D
Acq: 27 Jul 2022 22:42

Instrument :
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Tgt Ion:128 Resp: 1629527
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0

