

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027109.D
 Acq On : 30 Jul 2022 01:54
 Operator : SY/MD
 Sample : N3956-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF05

Quant Time: Jul 30 04:29:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 01:28:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/01/2022
1) 1,4-Difluorobenzene	5.612	114	671882	50.000	ug/L	0.00	Supervised By :Mahesh
28) Chlorobenzene-d5	8.853	117	657789	50.000	ug/L	0.00	Padoda
58) 1,4-Dichlorobenzene-d4	11.249	152	367662	50.000	ug/L	0.00	
System Monitoring Compounds							08/02/2022
4) Vinyl Chloride-d3	1.301	65	194664	30.454	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.900%	
7) Chloroethane-d5	1.561	69	166483	32.872	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.740%#	
11) 1,1-Dichloroethene-d2	2.101	63	283337	26.037	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.080%#	
21) 2-Butanone-d5	3.886	46	253680	69.600	ug/L	0.00	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.600%	
24) Chloroform-d	4.342	84	416554	36.183	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.360%	
26) 1,2-Dichloroethane-d4	5.027	65	241899	37.014	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.020%	
32) Benzene-d6	5.047	84	905103	39.183	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.360%	
36) 1,2-Dichloropropane-d6	6.066	67	272907	38.601	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.200%	
41) Toluene-d8	7.313	98	798825	38.260	ug/L	0.00	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.520%#	
43) trans-1,3-Dichloroprop...	7.622	79	117856	37.737	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.480%	
47) 2-Hexanone-d5	8.091	63	273591	90.018	ug/L	0.00	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.020%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	401244	37.641	ug/L	0.00	
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.280%	
66) 1,2-Dichlorobenzene-d4	11.622	152	322659	39.039	ug/L	0.00	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.080%#	
Target Compounds							Qvalue
5) Vinyl chloride	1.304	62	94339	13.949	ug/L	97	
13) Acetone	2.175	43	479799m	177.730	ug/L		
14) Carbon disulfide	2.288	76	16792	1.082	ug/L #	95	
16) Methylene chloride	2.500	84	77165	12.370	ug/L	99	
19) 1,1-Dichloroethane	3.185	63	73434	7.848	ug/L	98	
20) cis-1,2-Dichloroethene	3.908	96	42810	7.726	ug/L	93	
22) 2-Butanone	3.985	43	44551	14.959	ug/L	90	
29) Cyclohexane	4.670	56	9088	1.286	ug/L #	88	
33) Benzene	5.085	78	22820071m	1076.499	ug/L		
34) Trichloroethene	5.911	95	56457	10.348	ug/L	97	
40) 4-Methyl-2-pentanone	7.233	43	57980	8.640	ug/L	98	
42) Toluene	7.387	91	1125301	51.486	ug/L	99	
48) 2-Hexanone	8.143	43	160766	30.401	ug/L	95	
51) Chlorobenzene	8.882	112	8887087	602.924	ug/L	97	
52) Ethylbenzene	9.014	91	16057	0.726	ug/L	99	
53) m,p-Xylene	9.143	106	13957	1.603	ug/L	96	
54) o-Xylene	9.545	106	10986	1.311	ug/L	95	
63) 1,2,4-Trimethylbenzene	10.914	105	15165	1.935	ug/L	99	
65) 1,4-Dichlorobenzene	11.275	146	8684	0.740	ug/L	94	

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QLast Update : Sat Jul 30 01:28:32 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	11.641	146	86748	7.458	ug/L	98

08/01/2022
Supervised By :Mahesh
Dadoda

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

08/02/2022

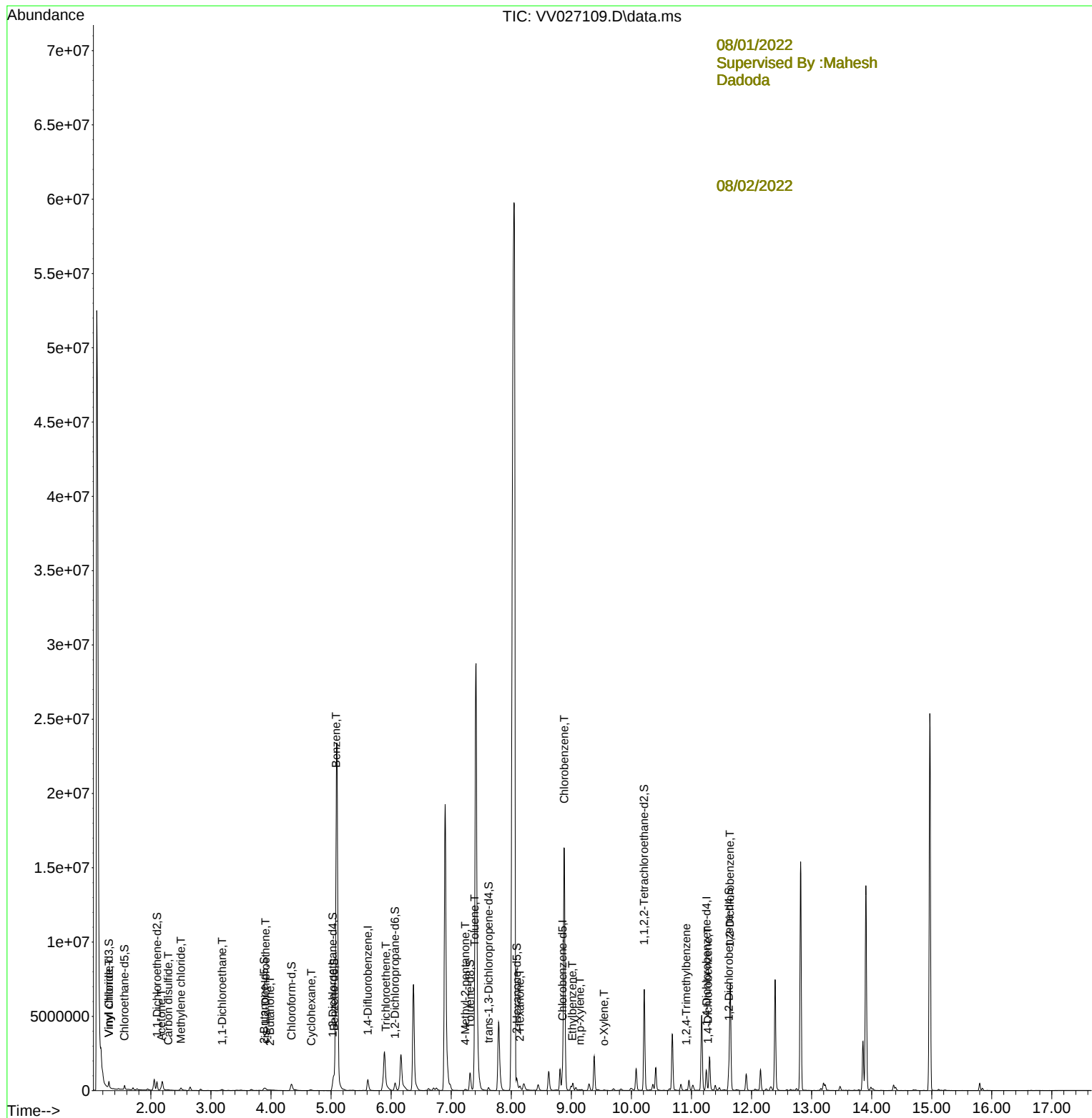
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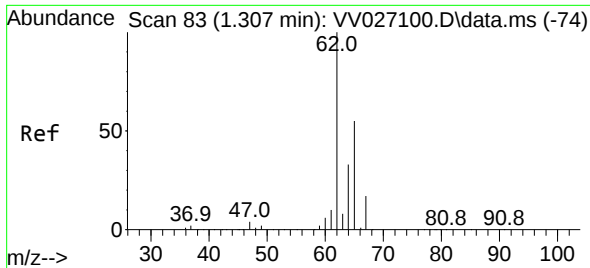
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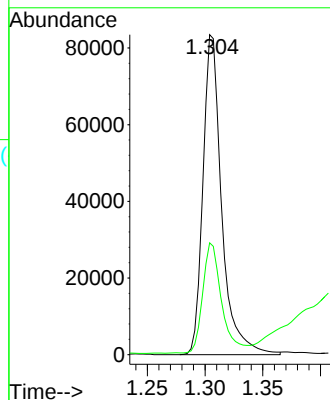
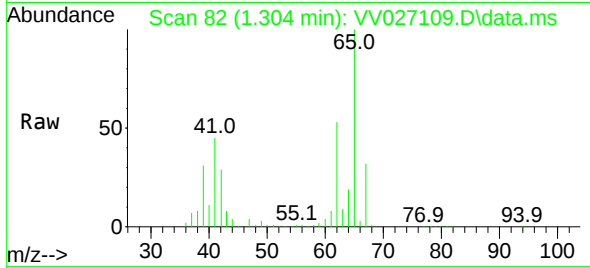
#5
 Vinyl chloride
 Concen: 13.949 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027109.D
 Acq: 30 Jul 2022 01:54

Instrument :
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 ClientSampleId :
 EXF05

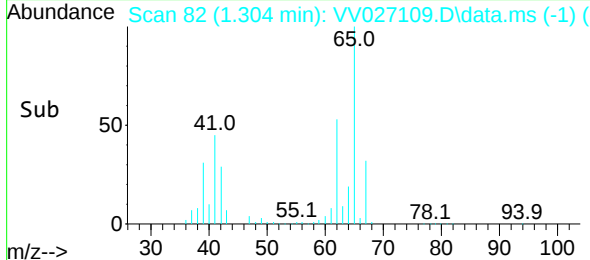
Tgt Ion: 62 Resp: 94339
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.2 43.2

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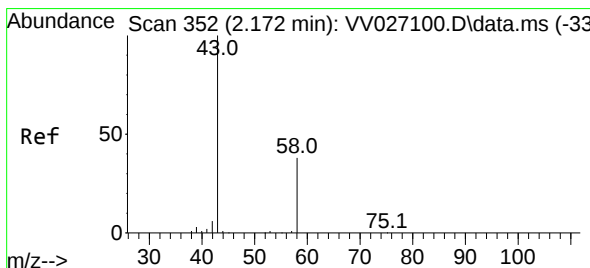
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 Dadoda

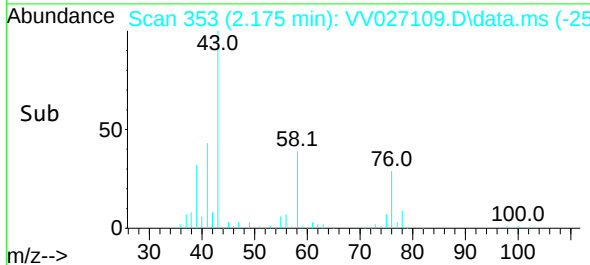
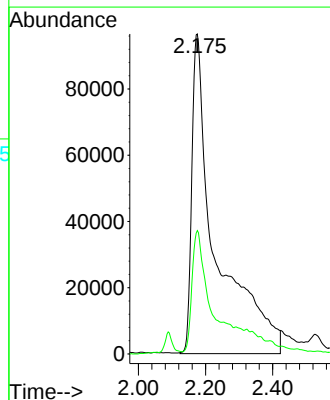
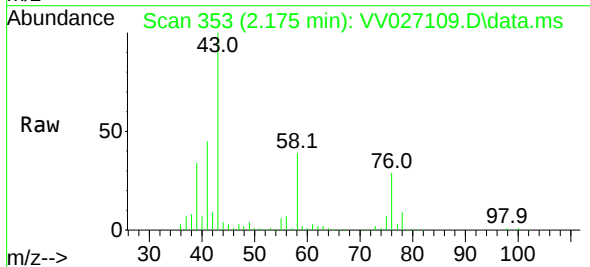


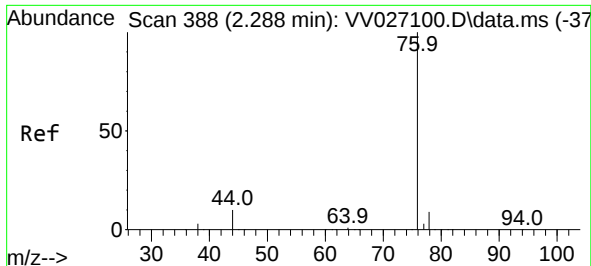
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#13
 Acetone
 Concen: 177.730 ug/L m
 RT: 2.175 min Scan# 353
 Delta R.T. 0.003 min
 Lab File: VV027109.D
 Acq: 30 Jul 2022 01:54

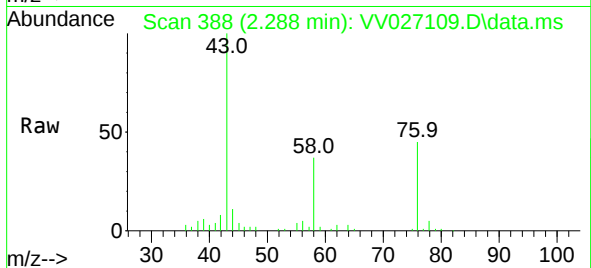
Tgt Ion: 43 Resp: 479799
 Ion Ratio Lower Upper
 43 100
 58 24.2 0.0 49.6





#14
Carbon disulfide
Concen: 1.082 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

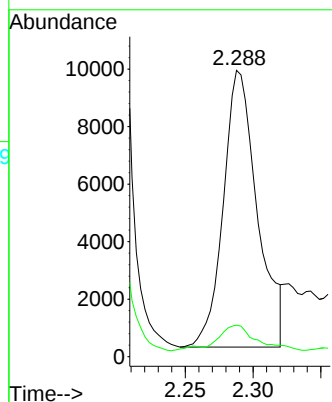
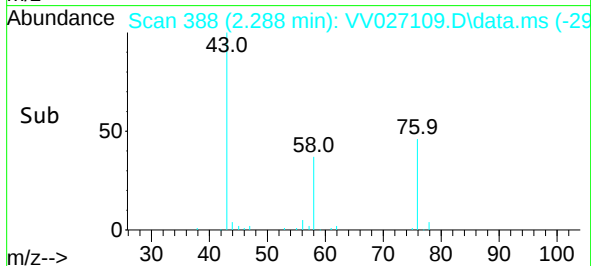
Instrument : MSVOA_V
ClientSampleId : EXF05



Tgt Ion: 76 Resp: 16792
Ion Ratio Lower Upper
76 100
78 11.0 7.3 10.9

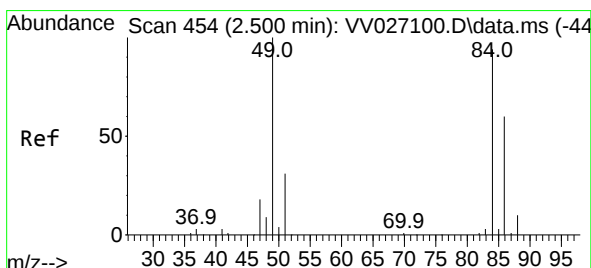
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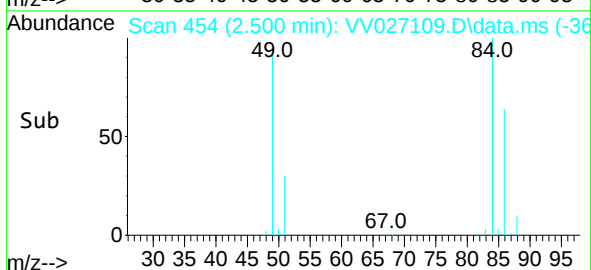
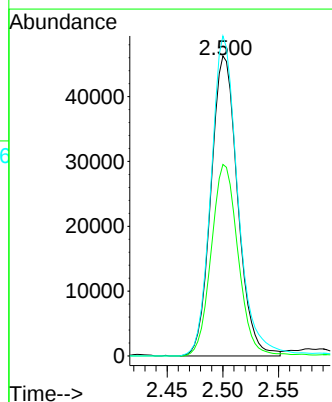
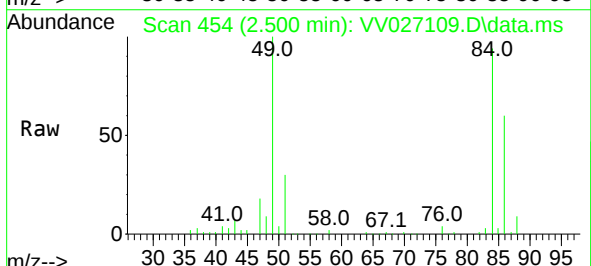
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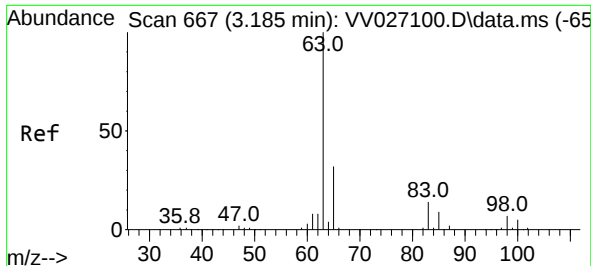
08/02/2022



#16
Methylene chloride
Concen: 12.370 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

Tgt Ion: 84 Resp: 77165
Ion Ratio Lower Upper
84 100
86 63.8 45.0 83.6
49 106.6 74.1 137.7





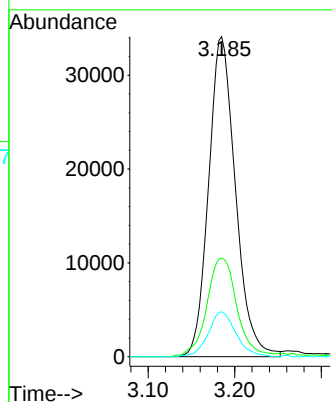
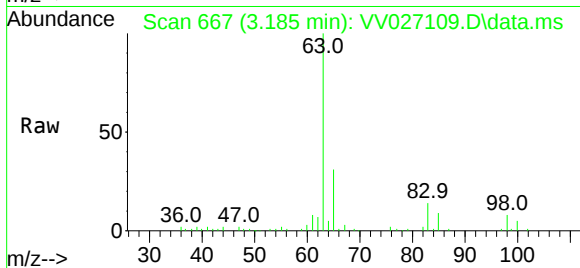
#19
1,1-Dichloroethane
Concen: 7.848 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

Instrument :
MSVOA_V
ClientSampleId :
EXF05

Tgt Ion: 63 Resp: 73434
Ion Ratio Lower Upper
63 100
65 30.8 22.7 42.3
83 14.0 9.5 17.7

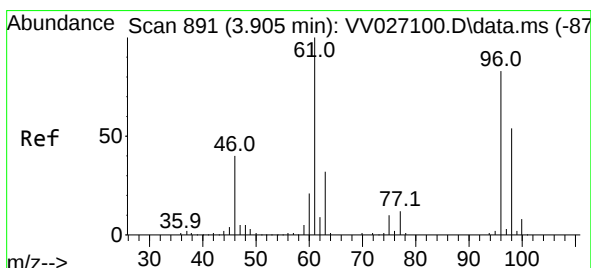
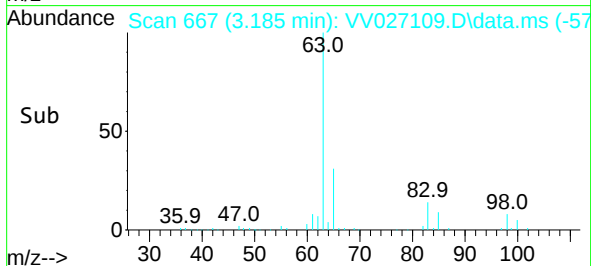
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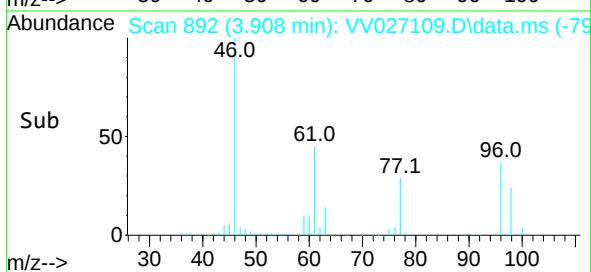
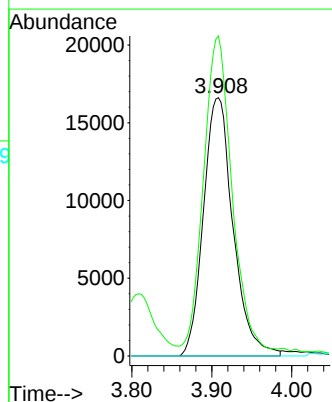
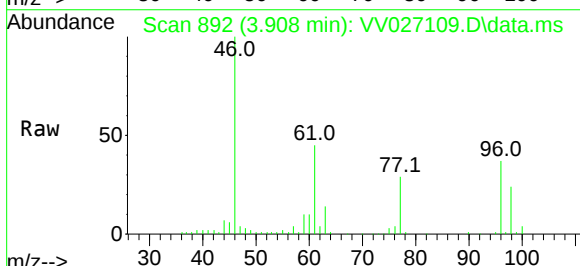
08/01/2022
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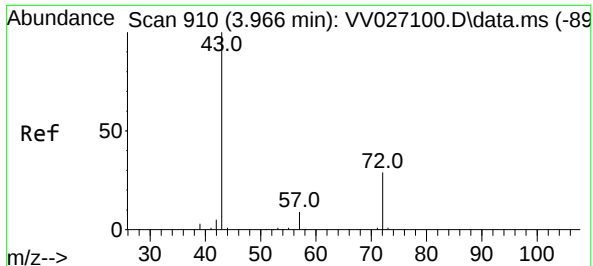
08/02/2022



#20
cis-1,2-Dichloroethene
Concen: 7.726 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

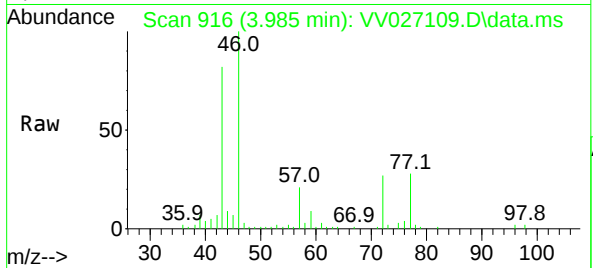
Tgt Ion: 96 Resp: 42810
Ion Ratio Lower Upper
96 100
61 123.9 81.8 151.8
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 14.959 ug/L
RT: 3.985 min Scan# 916
Delta R.T. 0.019 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

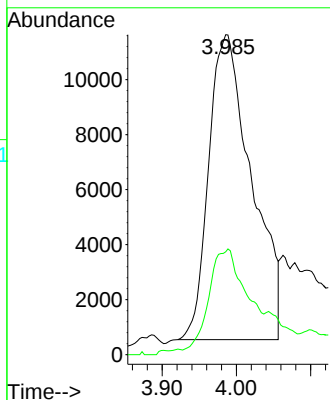
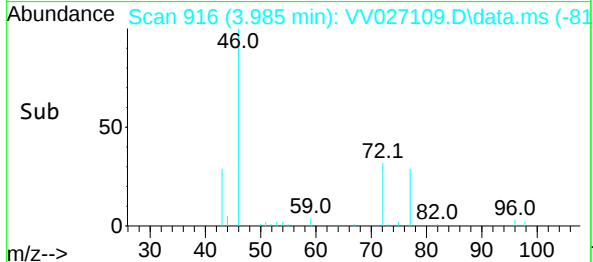
Instrument :
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EXF05



Tgt Ion: 43 Resp: 4455
Ion Ratio Lower Upper
43 100
72 28.7 11.9 35.7

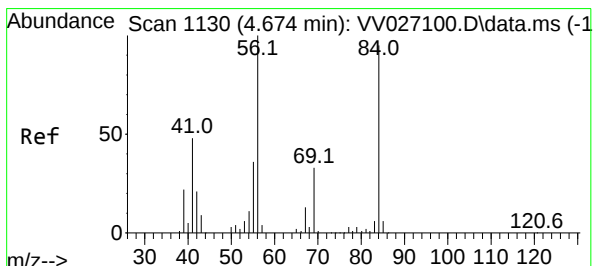
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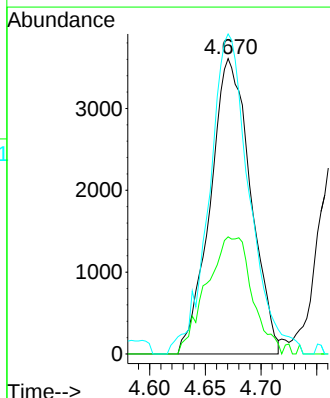
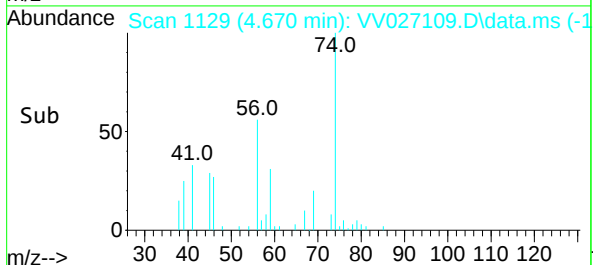
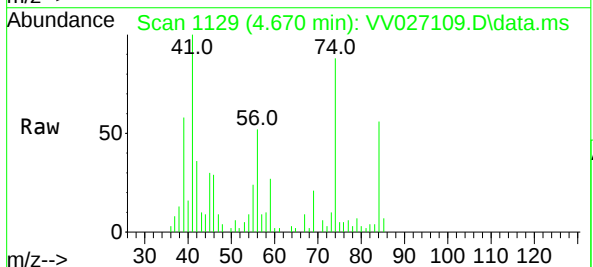
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Dadoda

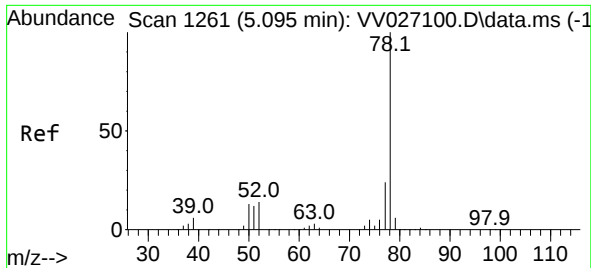
08/02/2022



#29
Cyclohexane
Concen: 1.286 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

Tgt Ion: 56 Resp: 9088
Ion Ratio Lower Upper
56 100
69 25.8 25.9 38.9#
84 105.7 75.3 112.9





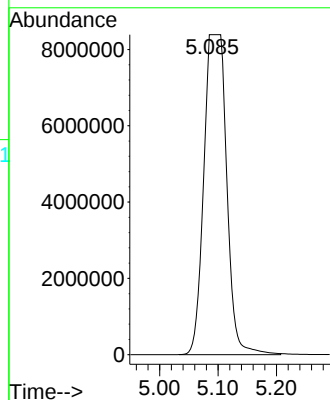
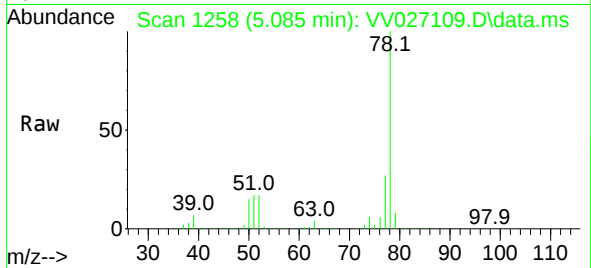
#33
Benzene
Concen: 1076.499 ug/L m
RT: 5.085 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV027109.D
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Tgt Ion: 78 Resp:2282007

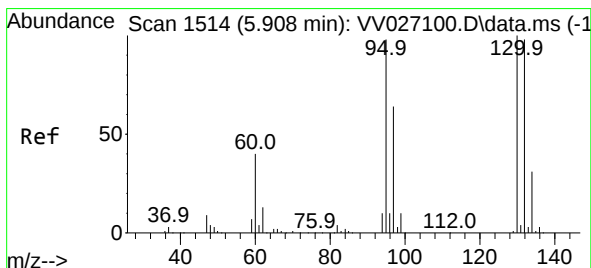
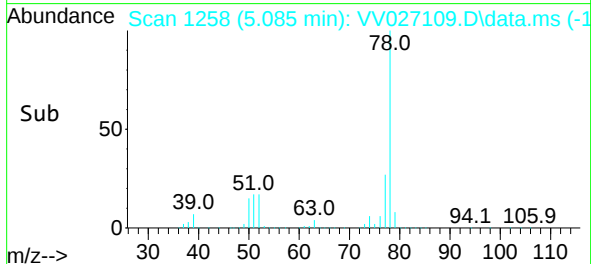
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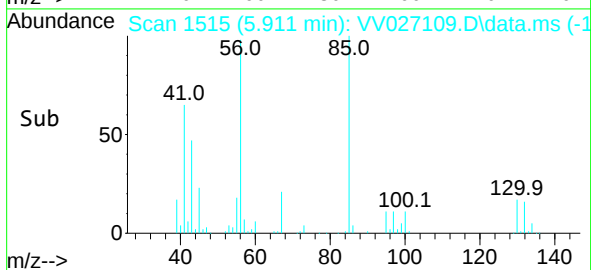
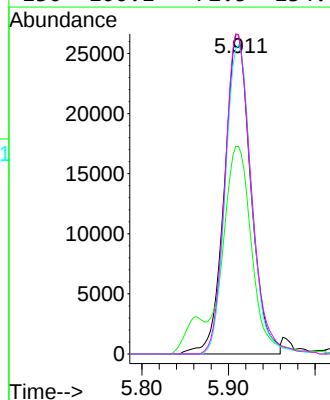
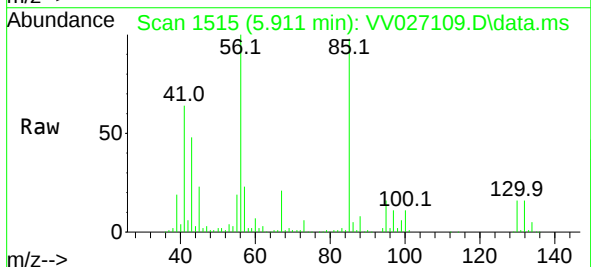
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Dadoda

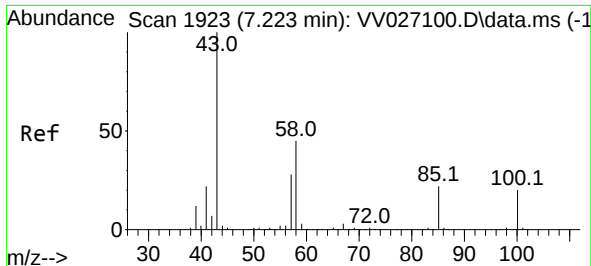
08/02/2022



#34
Trichloroethene
Concen: 10.348 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

Tgt Ion: 95 Resp: 56457
Ion Ratio Lower Upper
95 100
97 65.1 45.9 85.3
132 96.8 69.8 129.6
130 100.1 72.5 134.7





#40

4-Methyl-2-pentanone

Concen: 8.640 ug/L

RT: 7.233 min Scan# 1923

Delta R.T. 0.010 min

Lab File: VV027109.D

Acq: 30 Jul 2022 01:54

Instrument :

MSVOA_V

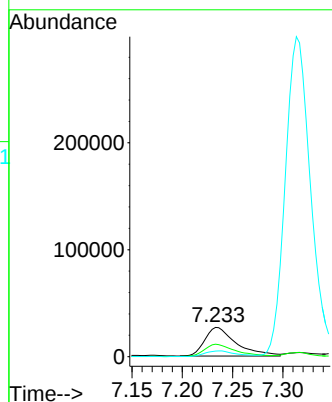
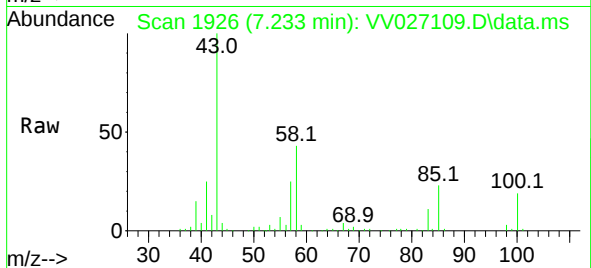
ClientSampleId :

EXF05

Tgt Ion: 43	Resp: 57980
Ion Ratio	Lower Upper
43 100	
58 42.3	35.3 52.9
100 19.3	15.7 23.5

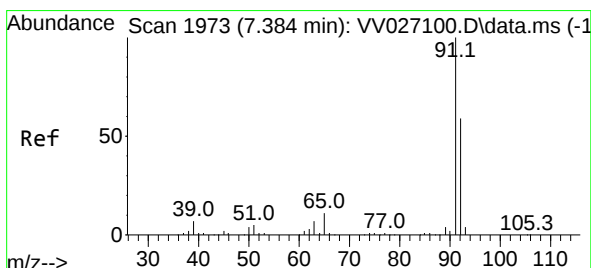
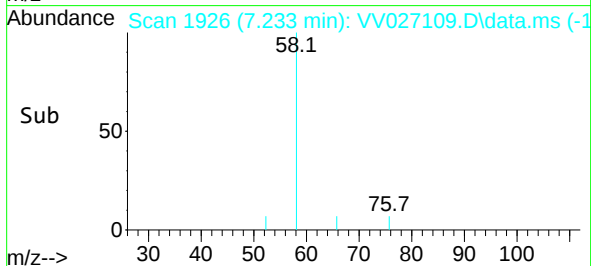
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#42

Toluene

Concen: 51.486 ug/L

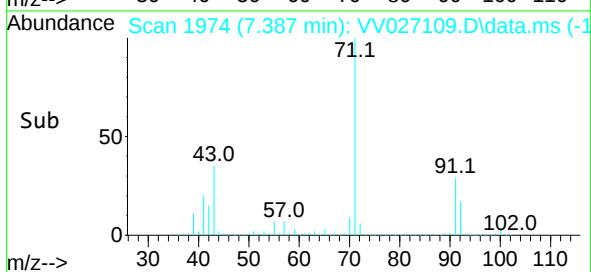
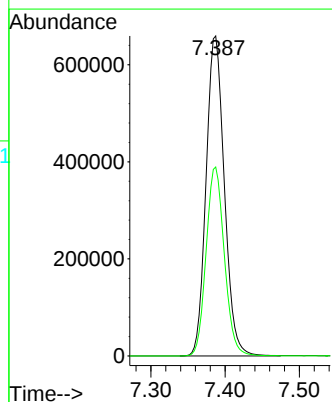
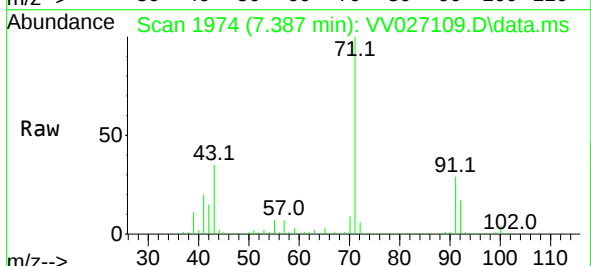
RT: 7.387 min Scan# 1974

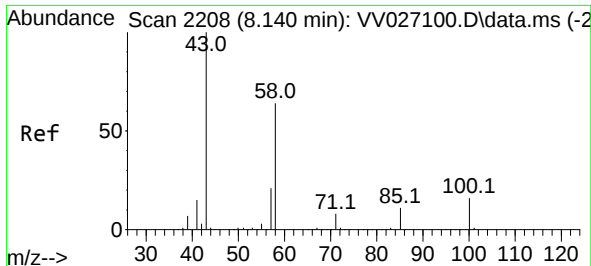
Delta R.T. 0.003 min

Lab File: VV027109.D

Acq: 30 Jul 2022 01:54

Tgt Ion: 91	Resp: 1125301
Ion Ratio	Lower Upper
91 100	
92 59.0	40.9 76.0





#48

2-Hexanone

Concen: 30.401 ug/L

RT: 8.143 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027109.D

Acq: 30 Jul 2022 01:54

Instrument :

MSVOA_V

ClientSampleId :

EXF05

Tgt Ion: 43 Resp: 160760

Ion Ratio Lower Upper

43 100

58 58.9 50.8 76.2

57 22.9 17.1 25.7

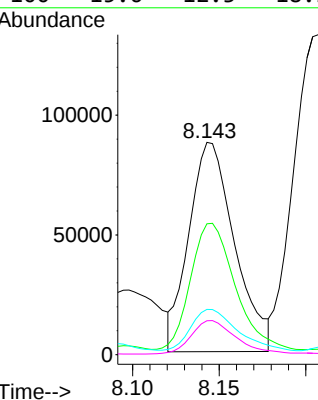
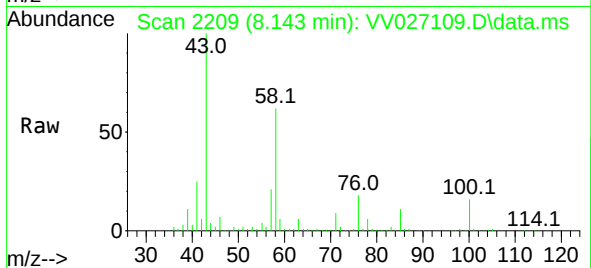
100 15.6 12.3 18.5

Manual Integrations

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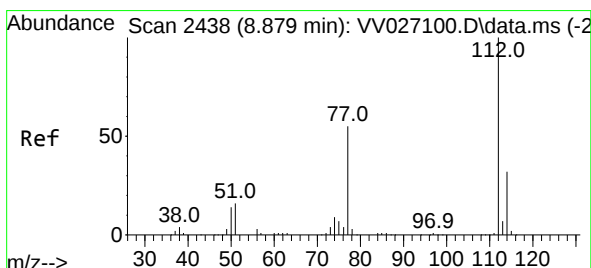
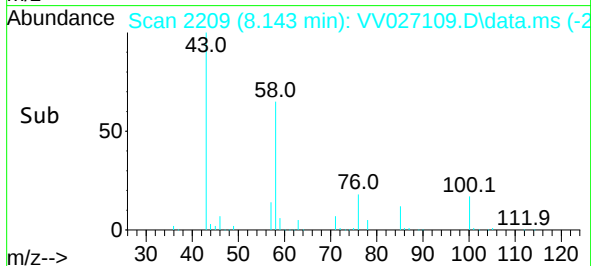


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Dadoda

08/02/2022



#51

Chlorobenzene

Concen: 602.924 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV027109.D

Acq: 30 Jul 2022 01:54

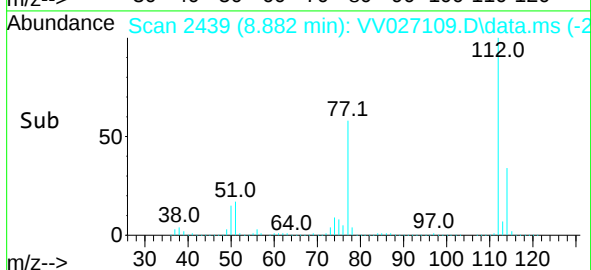
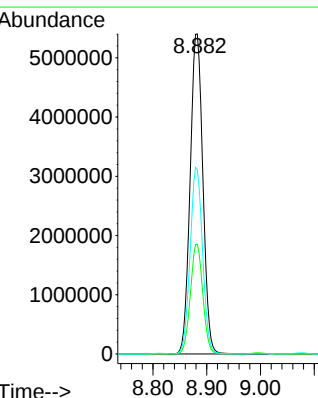
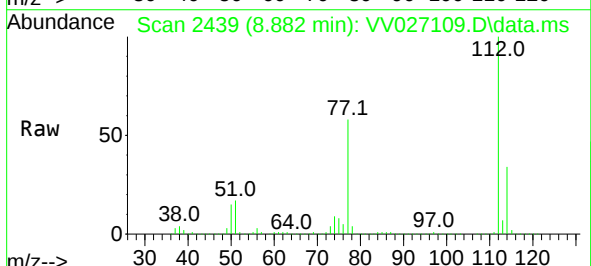
Tgt Ion:112 Resp: 8887087

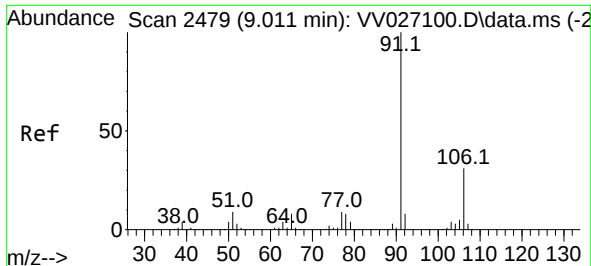
Ion Ratio Lower Upper

112 100

114 34.4 22.8 42.4

77 57.7 44.2 66.2





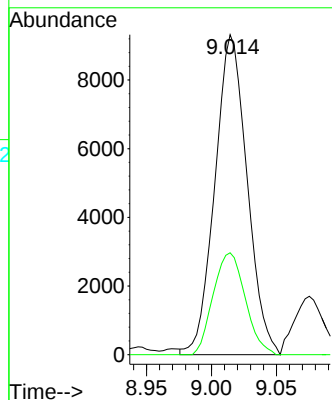
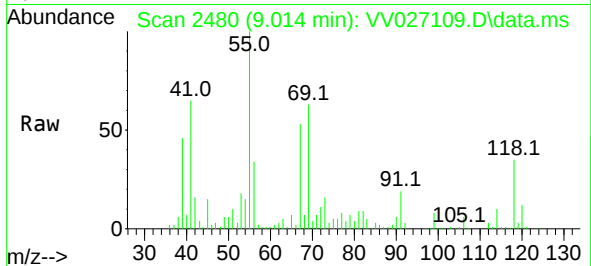
#52
Ethylbenzene
Concen: 0.726 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

Instrument :
MSVOA_V
ClientSampleId :
EXF05

Tgt Ion: 91 Resp: 1605
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.6

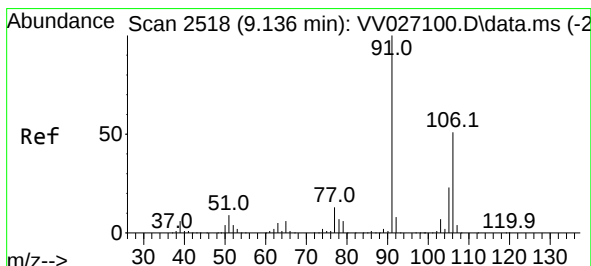
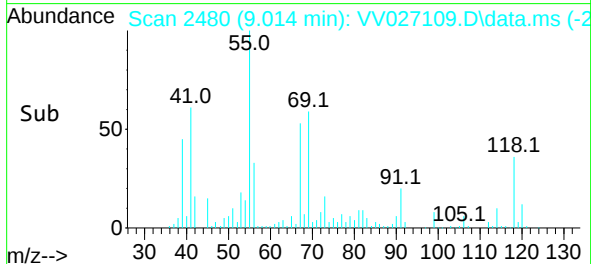
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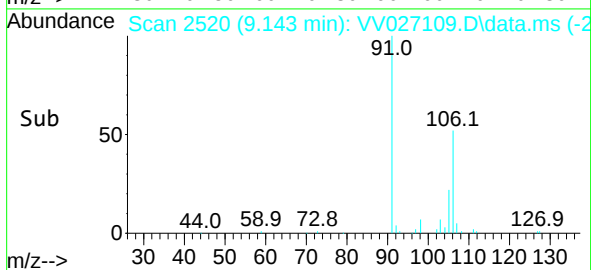
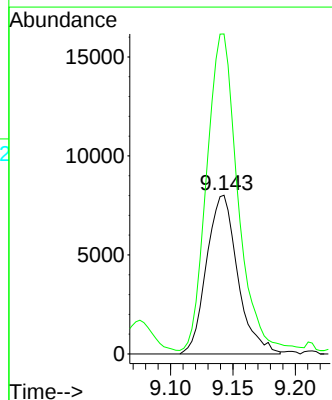
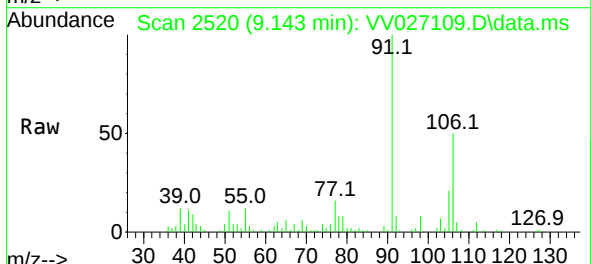
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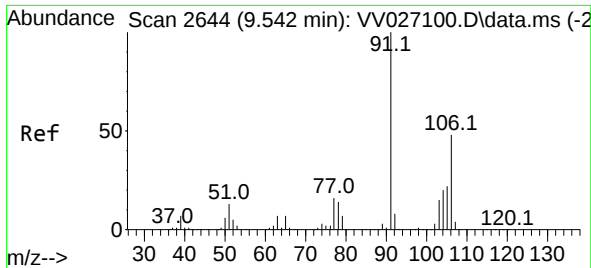
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#53
m,p-Xylene
Concen: 1.603 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

Tgt Ion:106 Resp: 13957
Ion Ratio Lower Upper
106 100
91 201.7 137.5 255.3





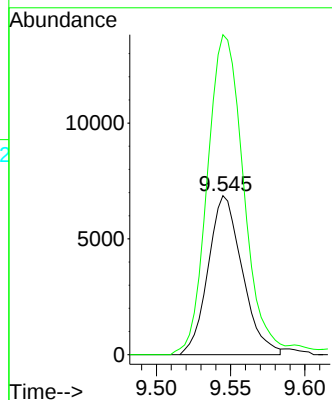
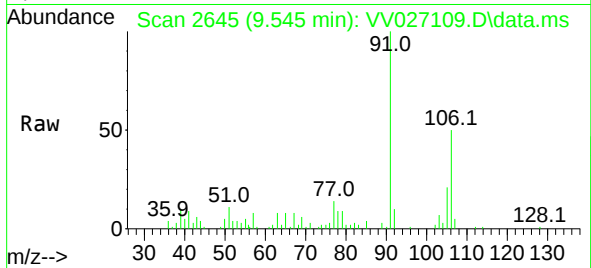
#54
o-Xylene
Concen: 1.311 ug/L
RT: 9.545 min Scan# 2098
Delta R.T. 0.003 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

Instrument :
MSVOA_V
ClientSampleId :
EXF05

Tgt Ion:106 Resp: 1098
Ion Ratio Lower Upper
106 100
91 201.1 146.6 272.2

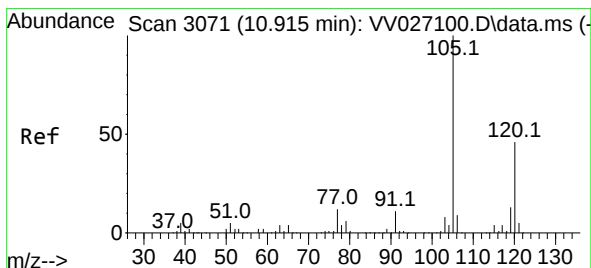
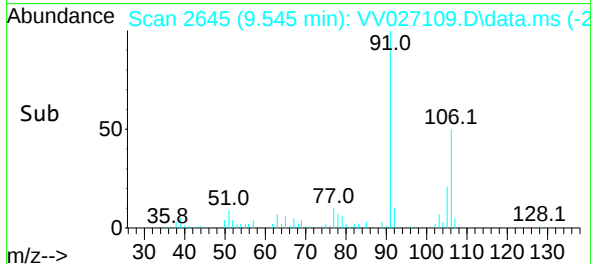
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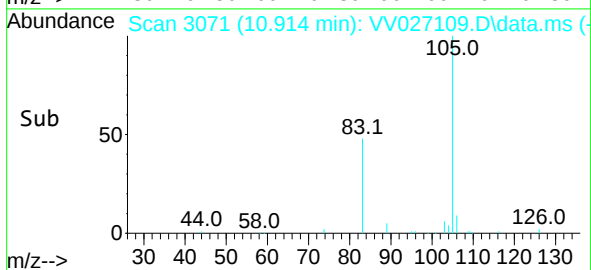
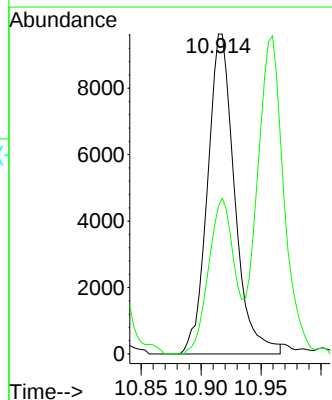
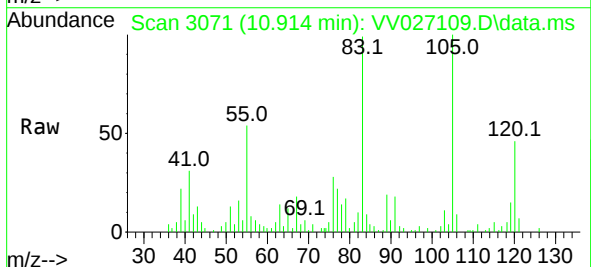
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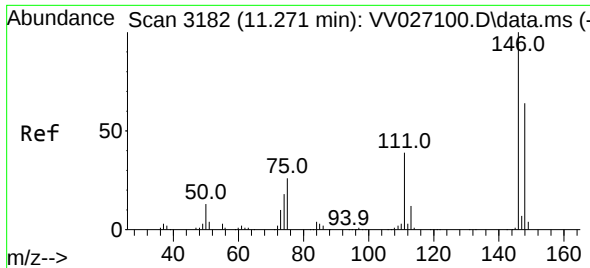
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#63
1,2,4-Trimethylbenzene
Concen: 1.935 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

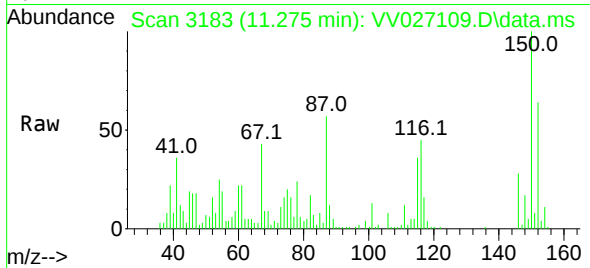
Tgt Ion:105 Resp: 15165
Ion Ratio Lower Upper
105 100
120 45.6 37.0 55.6





#65
1,4-Dichlorobenzene
Concen: 0.740 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

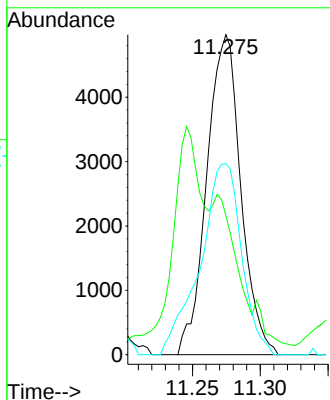
Instrument :
MSVOA_V
ClientSampleId :
EXF05



Tgt Ion:146 Resp: 8684
Ion Ratio Lower Upper
146 100
111 43.5 27.4 51.0
148 59.7 44.6 82.8

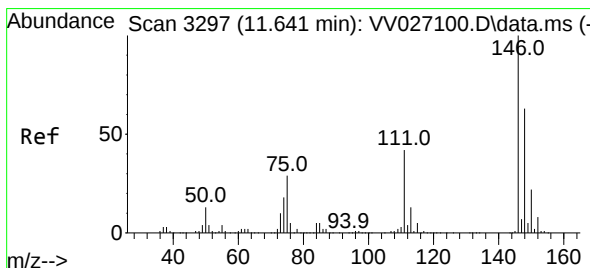
Manual Integrations
APPROVED

Reviewed By :Krupa
Patel



08/01/2022
Supervised By :Mahesh
Dadoda

08/02/2022



#67
1,2-Dichlorobenzene
Concen: 7.458 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027109.D
Acq: 30 Jul 2022 01:54

Tgt Ion:146 Resp: 86748
Ion Ratio Lower Upper
146 100
111 41.7 34.0 51.0
148 61.0 50.5 75.7

