

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
 Data File : VV028134.D
 Acq On : 27 Sep 2022 13:04
 Operator : SY/MD
 Sample : N4820-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8L4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 03:09:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	186749	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	185977	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58583	3.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.561	69	56754	3.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.098	63	79472	2.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.400%#
20) 2-Butanone-d5	3.905	46	161612	49.444	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.880%
24) Chloroform-d	4.343	84	126488	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.031	65	64218	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.044	84	235494	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.063	67	79147	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.314	98	191845	3.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.619	79	27678	4.031	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.085	63	141790	49.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	64070	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	89920	4.520	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
13) Acetone	2.195	43	16645m	6.611	ug/L	
14) Carbon disulfide	2.285	76	4996	0.202	ug/L #	94
22) cis-1,2-Dichloroethene	3.909	96	2486	0.168	ug/L	78
30) Cyclohexane	4.664	56	5240m	0.317	ug/L	
33) Benzene	5.098	78	22850	0.442	ug/L	100
35) Methylcyclohexane	6.124	83	4973	0.282	ug/L	98
42) Toluene	7.391	91	22773	0.423	ug/L	96
51) Chlorobenzene	8.876	112	630212	17.442	ug/L	100
52) Ethylbenzene	9.018	91	2345	0.041	ug/L #	72
53) m,p-Xylene	9.140	106	3781	0.173	ug/L	97
54) o-Xylene	9.542	106	2745	0.127	ug/L	79
60) Isopropylbenzene	9.928	105	68295	1.147	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	72721	2.454	ug/L	99

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

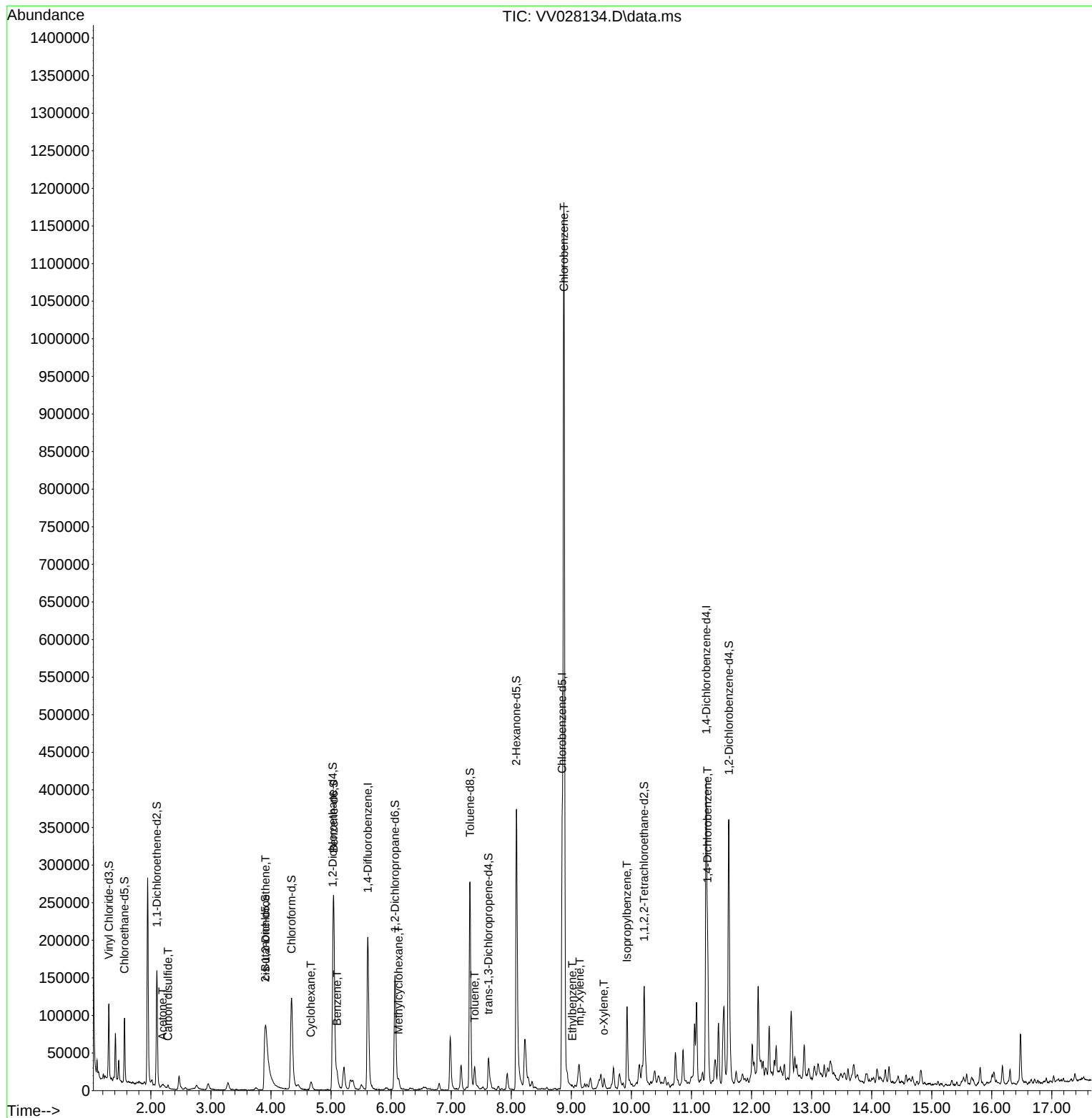
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028134.D
Acq On : 27 Sep 2022 13:04
Operator : SY/MD
Sample : N4820-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

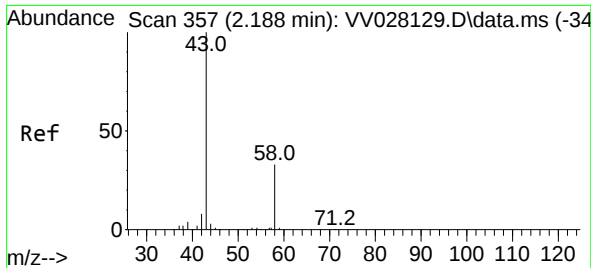
Instrument :
MSVOA_V
ClientSampleId :
CB8L4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 03:09:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 28 03:08:11 2022
Response via : Initial Calibration





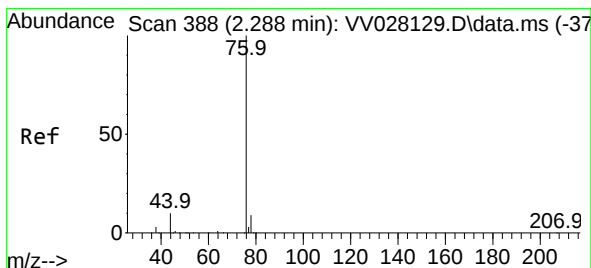
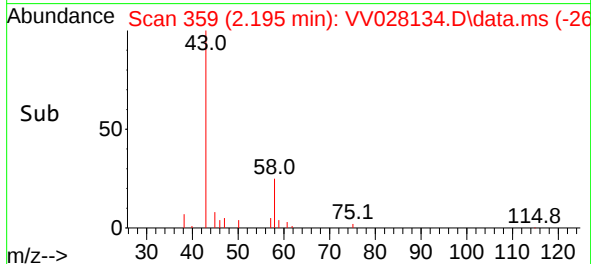
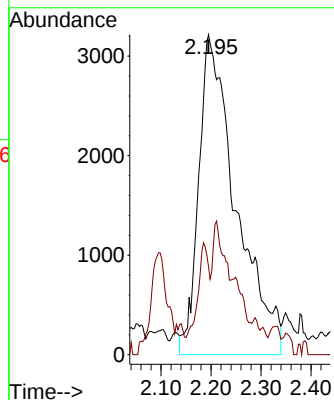
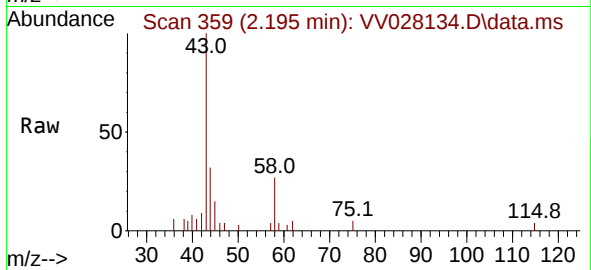
#13
Acetone
Concen: 6.611 ug/L m
RT: 2.195 min Scan# 359
Delta R.T. 0.007 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

Instrument :
MSVOA_V
ClientSampleId :
CB8L4

Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
58 8.3 0.0 65.6

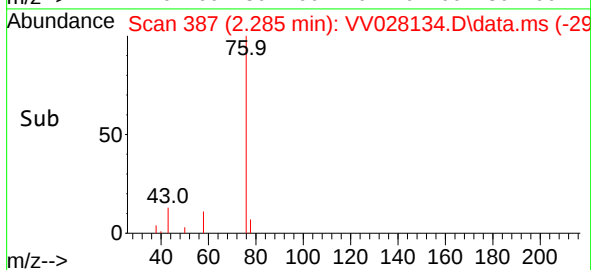
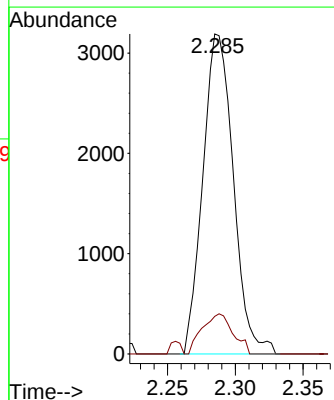
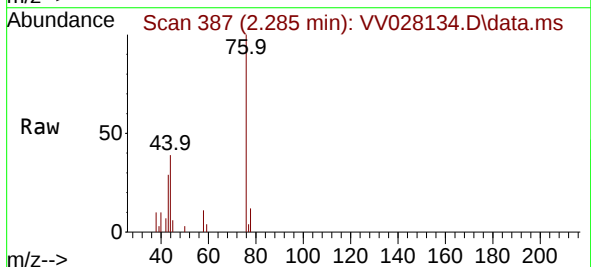
Manual Integrations
APPROVED

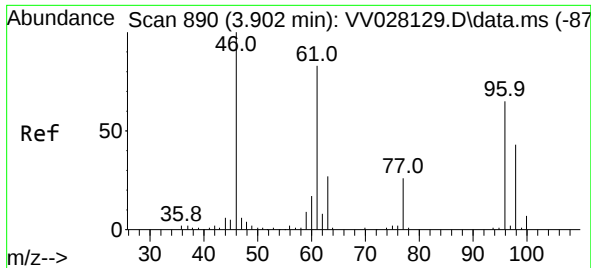
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Carbon disulfide
Concen: 0.202 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

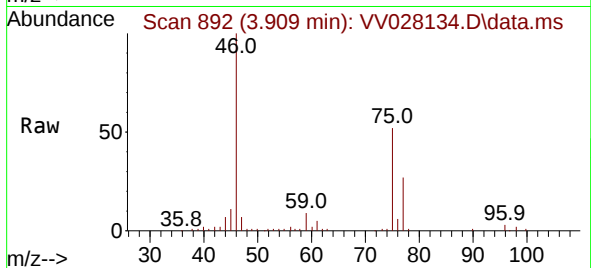
Tgt Ion: 76 Resp: 4996
Ion Ratio Lower Upper
76 100
78 11.7 7.6 11.4#





#22
cis-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 3.909 min Scan# 890
Delta R.T. 0.007 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

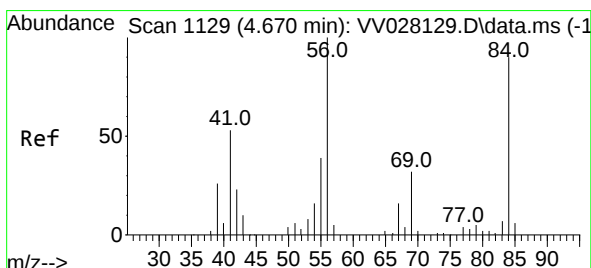
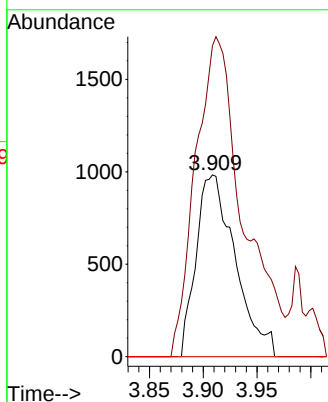
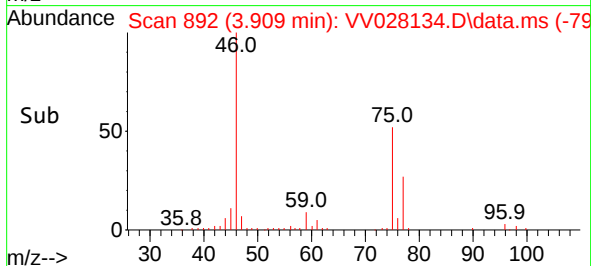
Instrument :
MSVOA_V
ClientSampleId :
CB8L4



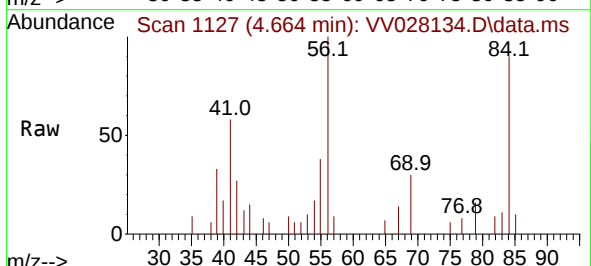
Tgt Ion: 96 Resp: 2480
Ion Ratio Lower Upper
96 100
61 149.2 87.2 161.9
68 0.0 0.0 0.0

Manual Integrations
APPROVED

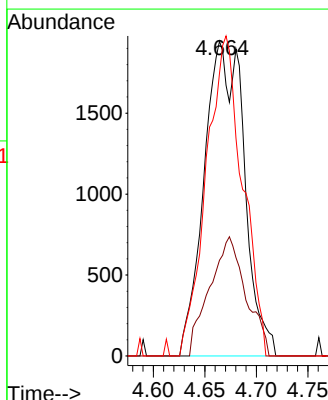
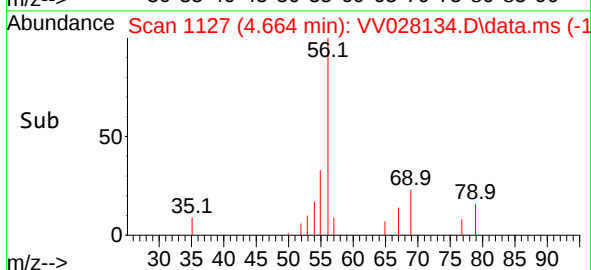
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

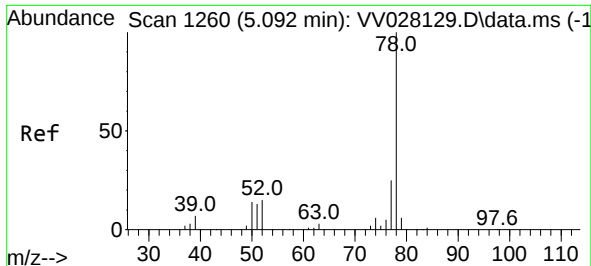


#30
Cyclohexane
Concen: 0.317 ug/L m
RT: 4.664 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04



Tgt Ion: 56 Resp: 5240
Ion Ratio Lower Upper
56 100
69 34.5 23.7 35.5
84 92.0 67.3 100.9





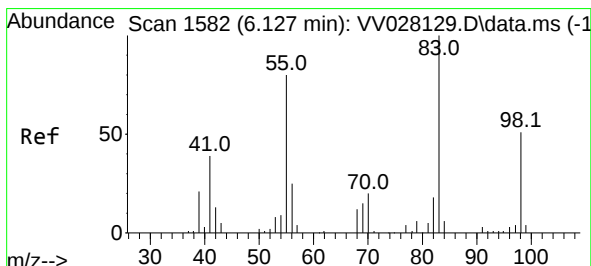
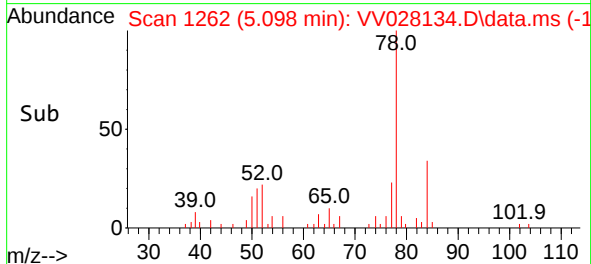
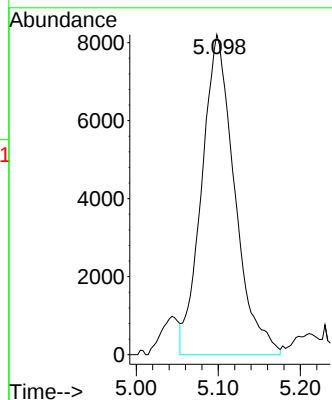
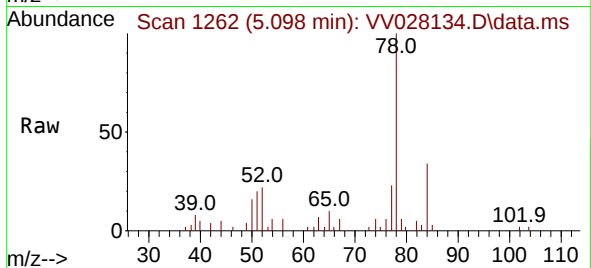
#33
Benzene
Concen: 0.442 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

Instrument :
MSVOA_V
ClientSampleId :
CB8L4

Tgt Ion: 78 Resp: 22850

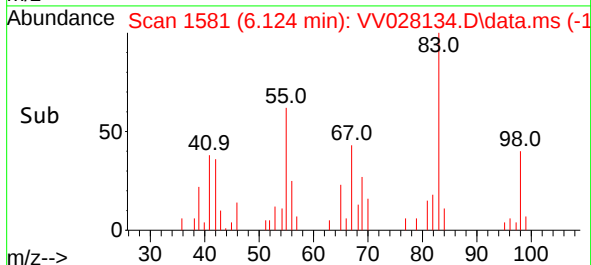
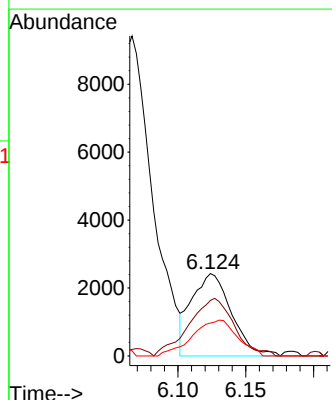
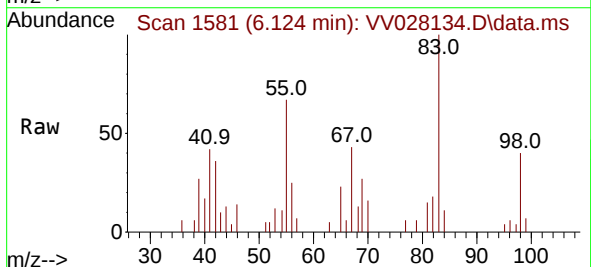
Manual Integrations
APPROVED

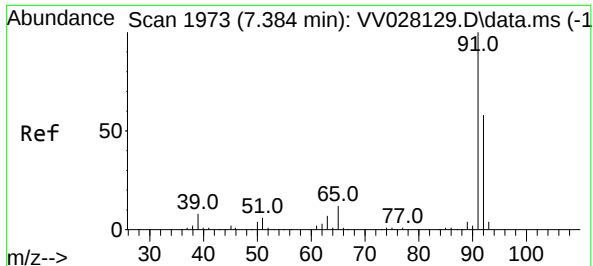
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#35
Methylcyclohexane
Concen: 0.282 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

Tgt Ion: 83 Resp: 4973
Ion Ratio Lower Upper
83 100
55 78.4 64.7 97.1
98 48.8 39.5 59.3





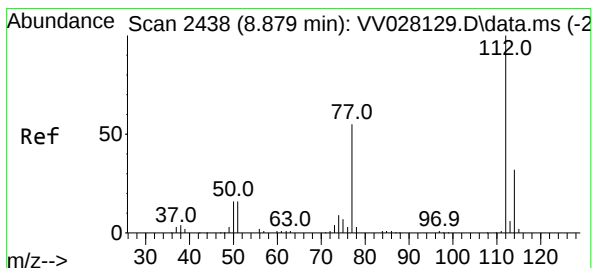
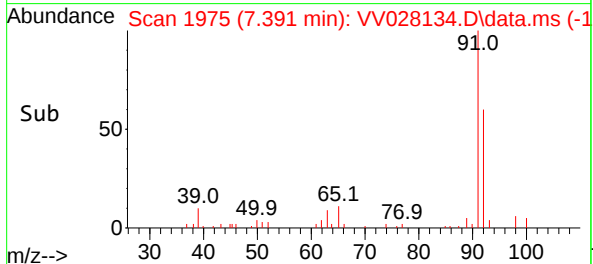
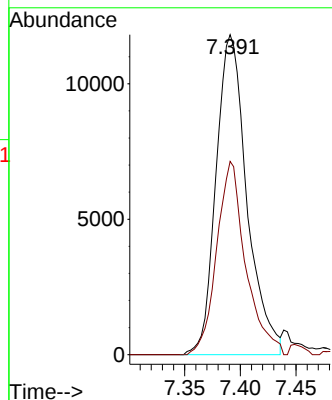
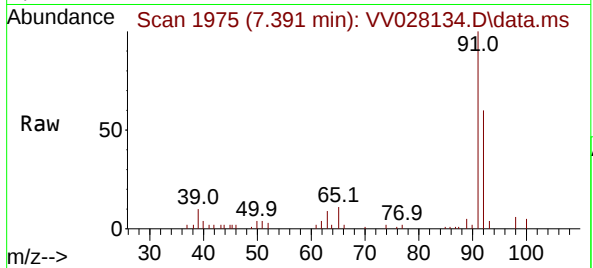
#42
Toluene
Concen: 0.423 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.007 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

Instrument :
MSVOA_V
ClientSampleId :
CB8L4

Tgt Ion: 91 Resp: 22773
Ion Ratio Lower Upper
91 100
92 60.4 40.2 74.6

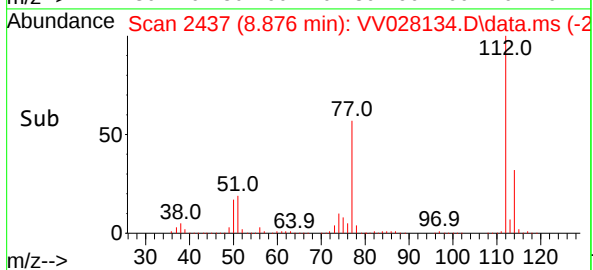
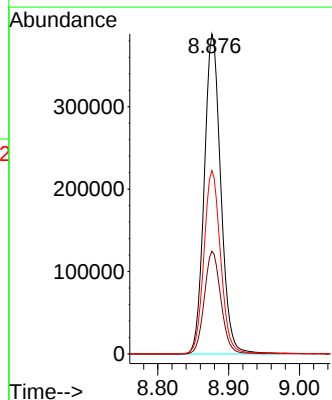
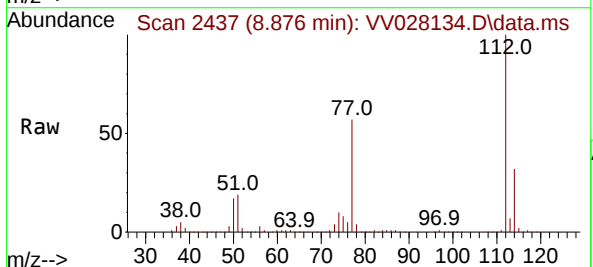
Manual Integrations
APPROVED

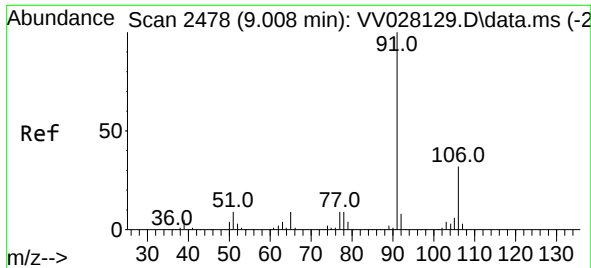
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#51
Chlorobenzene
Concen: 17.442 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

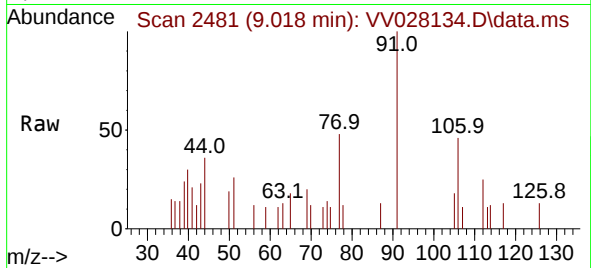
Tgt Ion:112 Resp: 630212
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 57.3 46.1 69.1





#52
Ethylbenzene
Concen: 0.041 ug/L
RT: 9.018 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

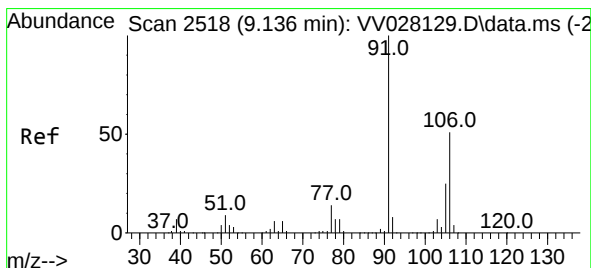
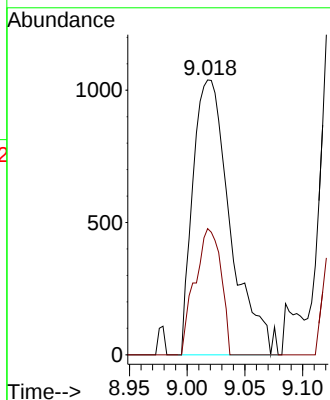
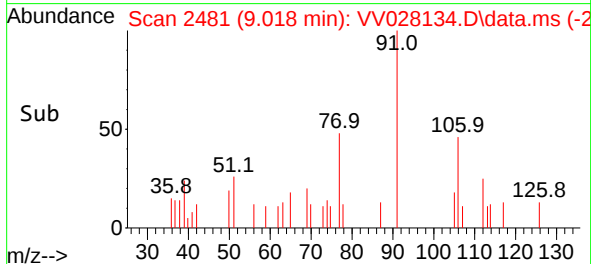
Instrument :
MSVOA_V
ClientSampleId :
CB8L4



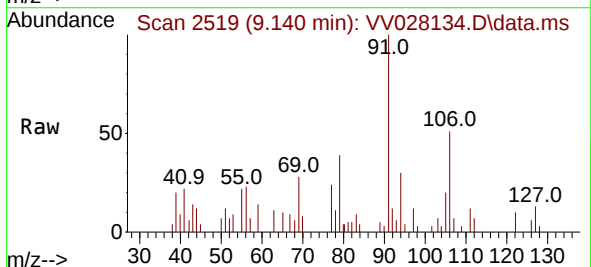
Tgt Ion: 91 Resp: 2345
Ion Ratio Lower Upper
91 100
106 45.9 21.5 39.9

Manual Integrations
APPROVED

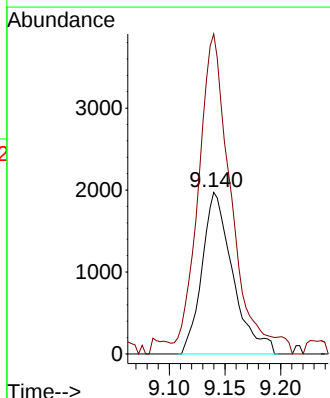
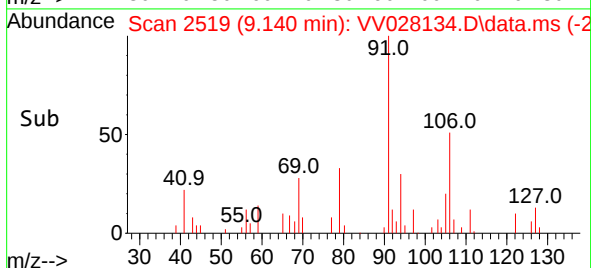
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

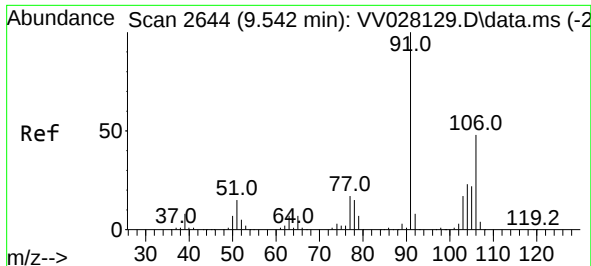


#53
m,p-Xylene
Concen: 0.173 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04



Tgt Ion:106 Resp: 3781
Ion Ratio Lower Upper
106 100
91 197.9 141.9 263.5





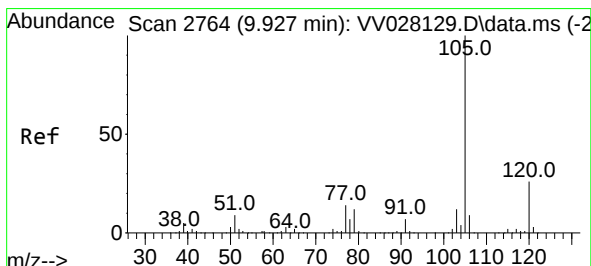
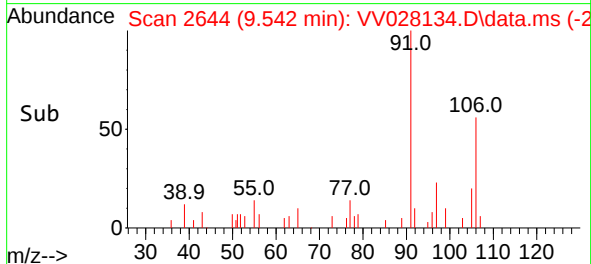
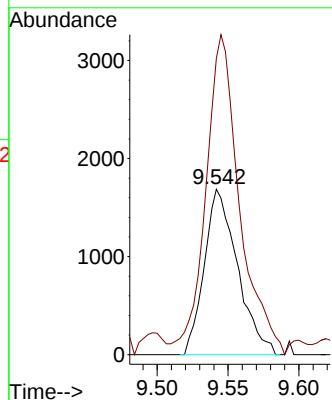
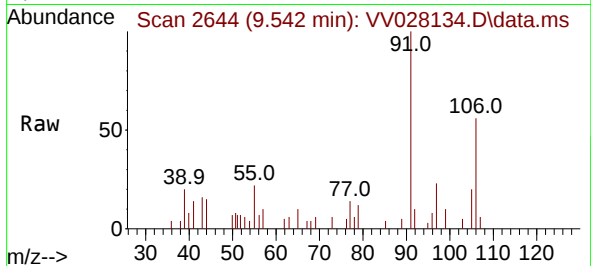
#54
o-Xylene
Concen: 0.127 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

Instrument :
MSVOA_V
ClientSampleId :
CB8L4

Tgt Ion:106 Resp: 2745
Ion Ratio Lower Upper
106 100
91 179.1 148.1 275.0

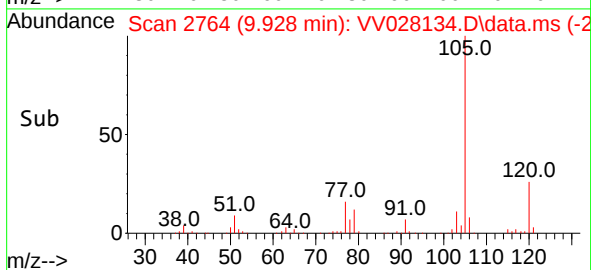
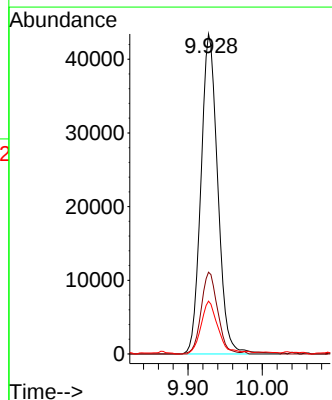
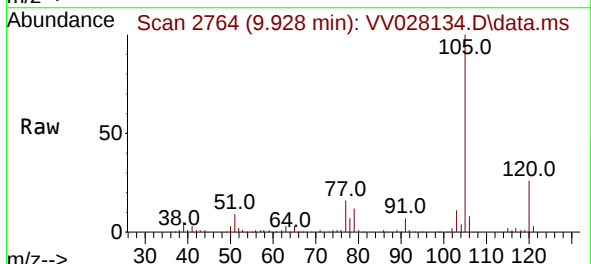
Manual Integrations
APPROVED

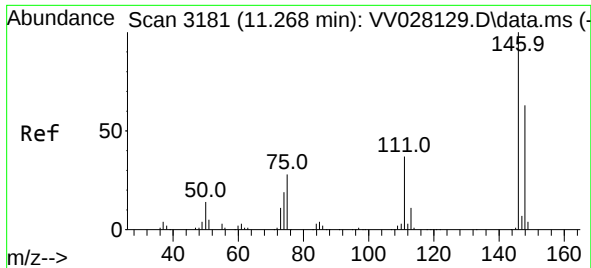
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#60
Isopropylbenzene
Concen: 1.147 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028134.D
Acq: 27 Sep 2022 13:04

Tgt Ion:105 Resp: 68295
Ion Ratio Lower Upper
105 100
120 25.0 21.4 32.0
77 16.6 12.2 18.4





#65

1,4-Dichlorobenzene

Concen: 2.454 ug/L

RT: 11.268 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028134.D

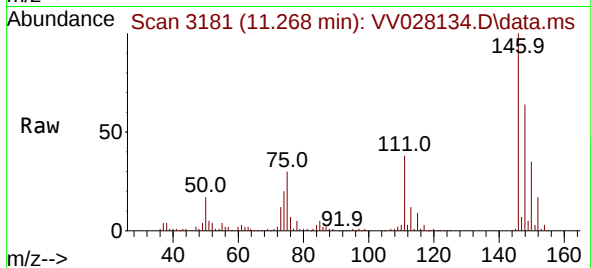
Acq: 27 Sep 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

CB8L4



Tgt Ion:	146	Resp:	7272
Ion Ratio	Lower	Upper	
146	100		
111	37.7	26.2	48.8
148	63.8	45.8	85.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022

