

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077532.D
 Acq On : 09 Nov 2023 13:30
 Operator : JC/SY
 Sample : 05296-01
 Misc : 5.95G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH3R1

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Nov 10 02:08:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	528393	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	430094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	183469m	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	242742	18.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.240%
7) Chloroethane-d5	2.805	69	195949	18.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.240%
11) 1,1-Dichloroethene-d2	3.922	65	75057	18.058	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.240%
21) 2-Butanone-d5	6.993	46	80035	34.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.780%
24) Chloroform-d	7.569	84	278156	18.223	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.880%
26) 1,2-Dichloroethane-d4	8.234	65	147055	18.112	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.440%
32) Benzene-d6	8.204	84	590389	21.150	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	9.210	67	186489	20.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.040%
41) Toluene-d8	10.269	98	513478	20.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.440%
43) trans-1,3-Dichloroprop...	10.528	79	76168	19.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.720%
47) 2-Hexanone-d5	10.881	63	62483	38.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111839	18.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	117740m	18.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.160%#
Target Compounds						
						Qvalue
13) Acetone	4.022	43	38087	15.570	ug/L	99
16) Methylene chloride	4.805	84	18926	2.121	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	7402087	861.961	ug/L	97
33) Benzene	8.257	78	51248	1.718	ug/L	100
34) Trichloroethene	9.028	95	1197561	162.042	ug/L	94
35) Methylcyclohexane	9.269	83	11516	0.863	ug/L #	83
42) Toluene	10.334	91	1521294	48.582	ug/L	98
46) Tetrachloroethene	10.816	164	10656731	1959.746	ug/L	95
51) Chlorobenzene	11.610	112	5199632	283.431	ug/L	98
52) Ethylbenzene	11.681	91	18422556m	534.677	ug/L	
53) m,p-Xylene	11.787	106	30805958m	2456.994	ug/L	
54) o-Xylene	12.122	106	23332219m	1942.997	ug/L	
60) Isopropylbenzene	12.422	105	999822	33.691	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	843402	37.446	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	1632868	71.569	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	1556196	127.820	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	6930090	564.023	ug/L	94
67) 1,2-Dichlorobenzene	13.833	146	3806058	353.597	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	19247051m	2754.832	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077532.D
 Acq On : 09 Nov 2023 13:30
 Operator : JC/SY
 Sample : 05296-01
 Misc : 5.95G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH3R1

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Nov 10 02:08:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	15.528	180	9663914	1622.215	ug/L	99

-----11/10/2023
 Supervised By :Semsettin
 Yesilyurt

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

11/10/2023

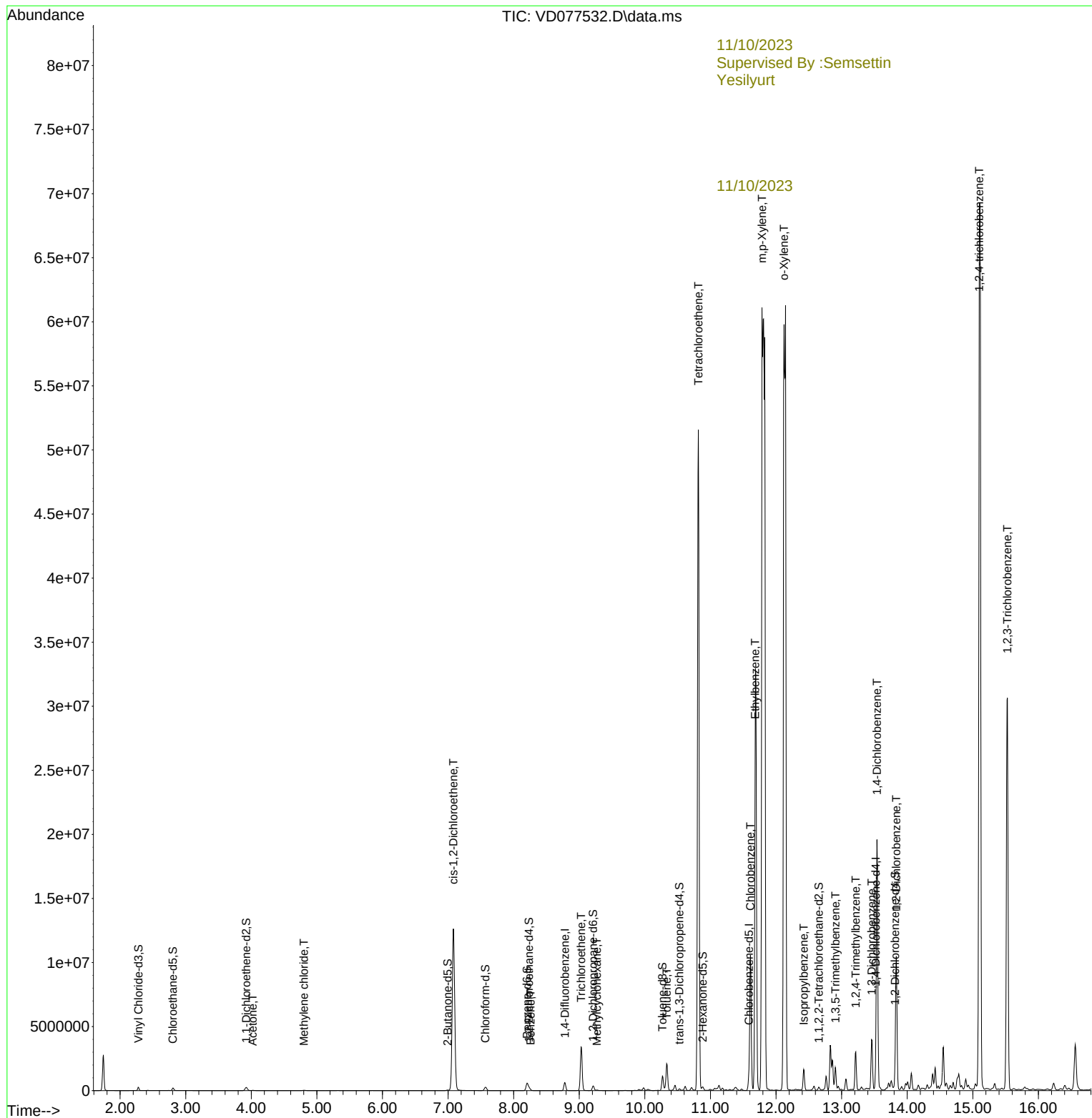
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077532.D
Acq On : 09 Nov 2023 13:30
Operator : JC/SY
Sample : 05296-01
Misc : 5.95G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

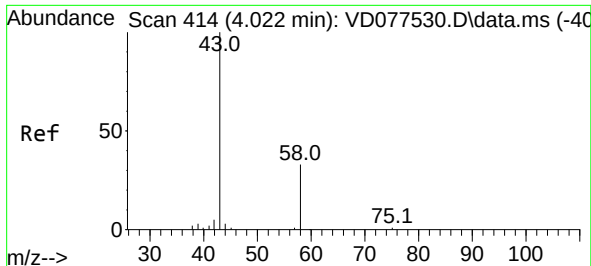
Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Quant Time: Nov 10 02:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda





#13

Acetone

Concen: 15.570 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD077532.D

Acq: 09 Nov 2023 13:30

Instrument :

MSVOA_D

ClientSampleId :

BH3R1

Tgt Ion: 43 Resp: 3808

Ion Ratio Lower Upper

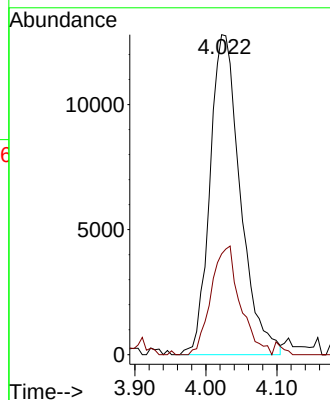
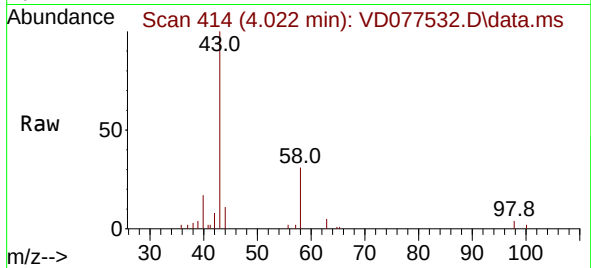
43 100

58 32.3 0.0 64.0

Manual Integrations

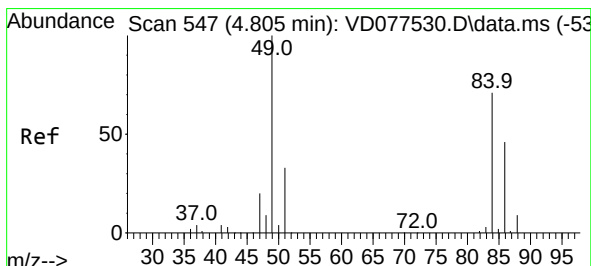
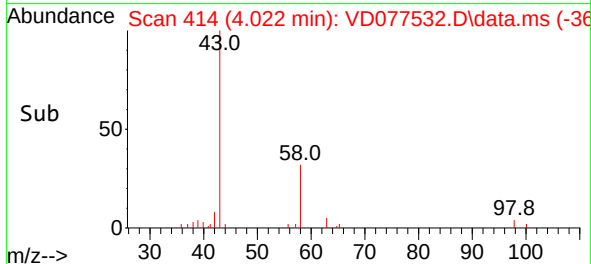
APPROVED

Reviewed By :Mahesh
Dadoda



11/10/2023
Supervised By :Semsettin
Yesilyurt

11/10/2023



#16

Methylene chloride

Concen: 2.121 ug/L

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077532.D

Acq: 09 Nov 2023 13:30

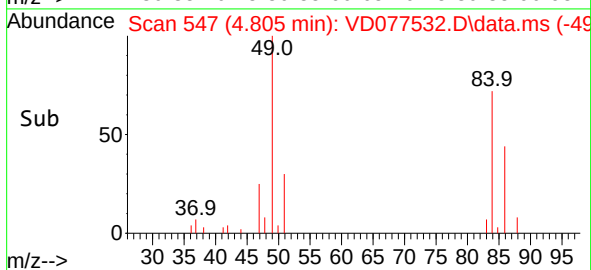
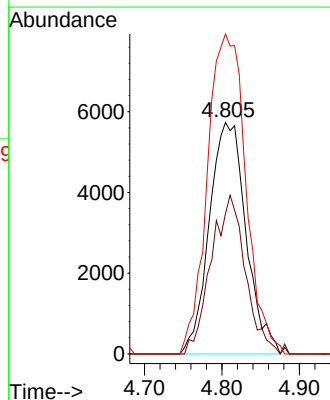
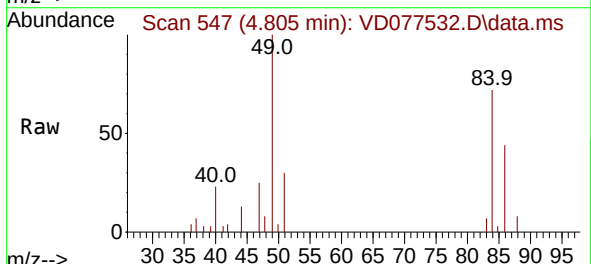
Tgt Ion: 84 Resp: 18926

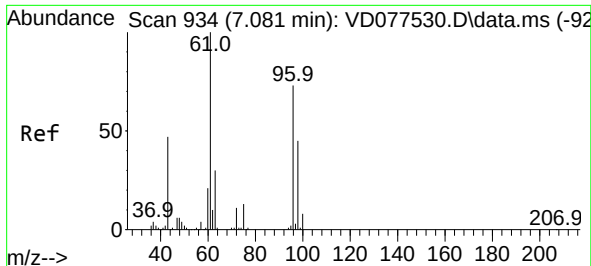
Ion Ratio Lower Upper

84 100

86 60.6 46.5 86.5

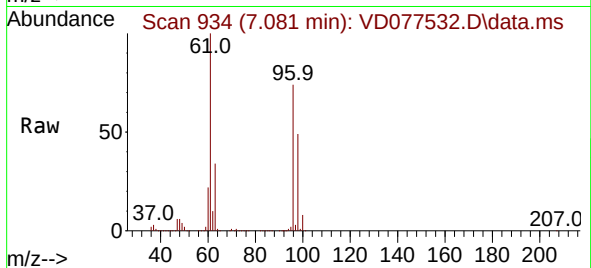
49 138.2 98.3 182.7





#20
cis-1,2-Dichloroethene
Concen: 861.961 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

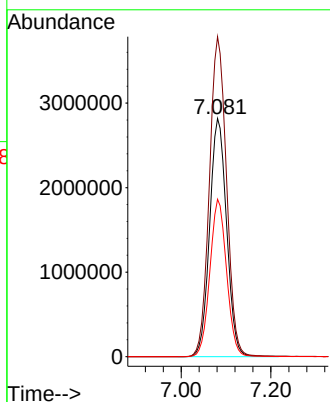
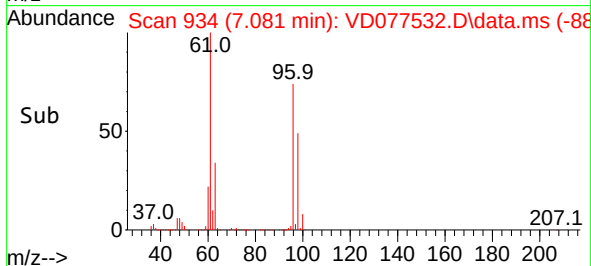
Instrument :
MSVOA_D
ClientSampleId :
BH3R1



Tgt Ion: 96 Resp: 740208
Ion Ratio Lower Upper
96 100
61 134.4 95.0 176.4
98 66.1 43.1 80.1

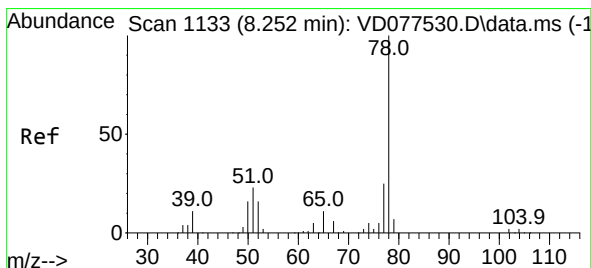
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



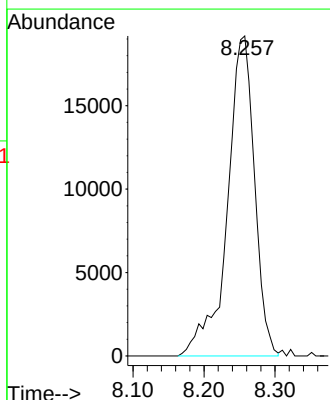
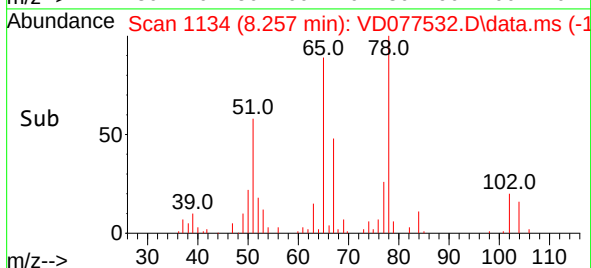
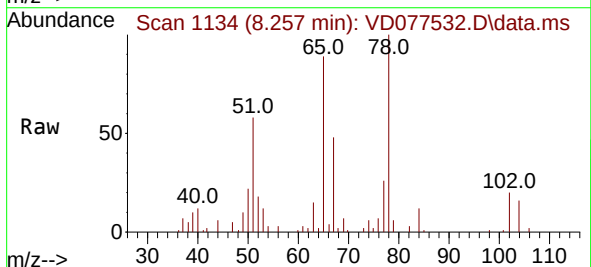
11/10/2023
Supervised By :Semsettin
Yesilyurt

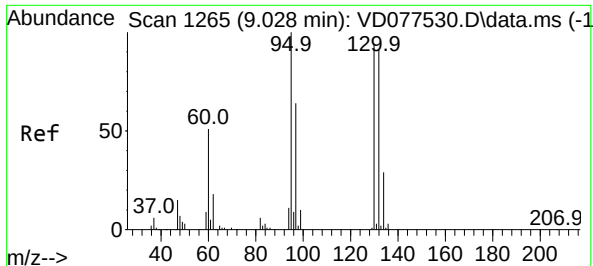
11/10/2023



#33
Benzene
Concen: 1.718 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

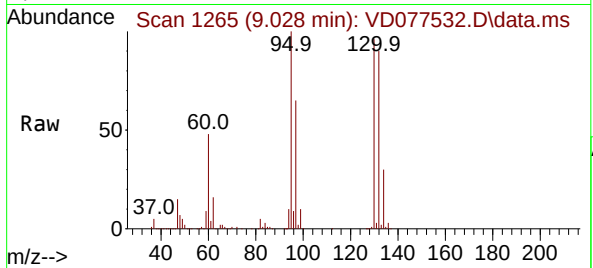
Tgt Ion: 78 Resp: 51248





#34
Trichloroethene
Concen: 162.042 ug/L
RT: 9.028 min Scan# 119756
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

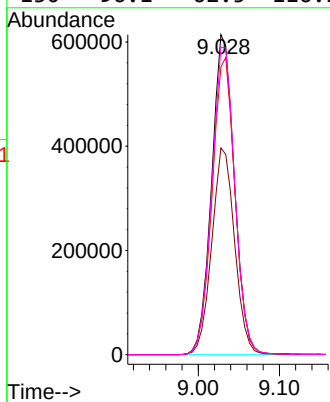
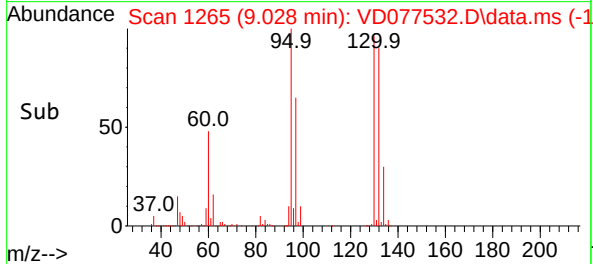
Instrument :
MSVOA_D
ClientSampleId :
BH3R1



Tgt Ion: 95 Resp: 119756
Ion Ratio Lower Upper
95 100
97 64.6 42.4 78.6
132 90.0 59.4 110.2
130 96.1 62.5 116.1

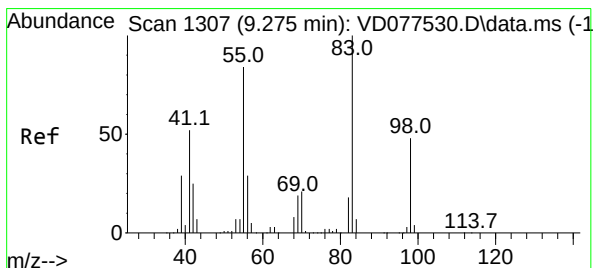
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

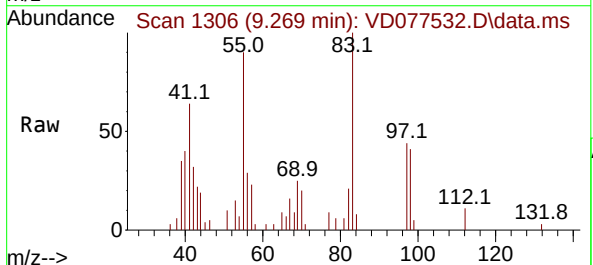


11/10/2023
Supervised By :Semsettin
Yesilyurt

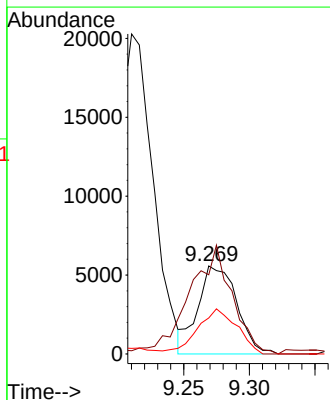
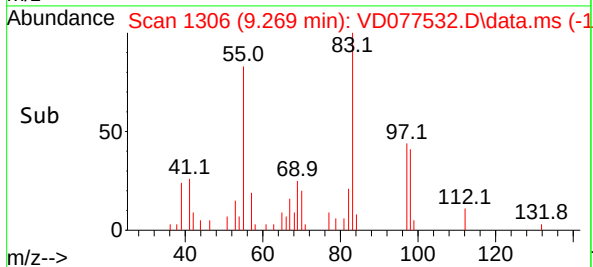
11/10/2023

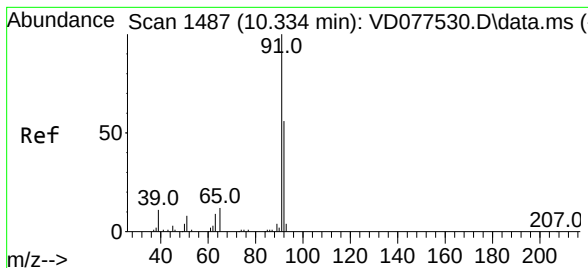


#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30



Tgt Ion: 83 Resp: 11516
Ion Ratio Lower Upper
83 100
55 63.0 66.5 99.7#
98 52.1 37.4 56.2





#42

Toluene

Concen: 48.582 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077532.D

Acq: 09 Nov 2023 13:30

Instrument :

MSVOA_D

ClientSampleId :

BH3R1

Tgt Ion: 91 Resp: 1521294

Ion Ratio Lower Upper

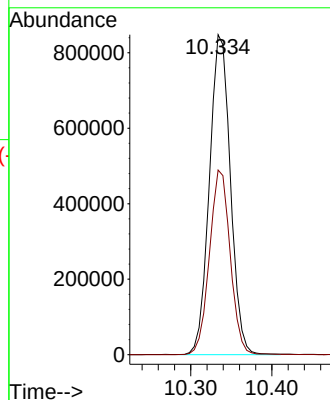
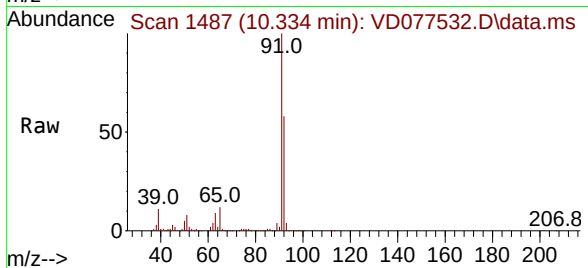
91 100

92 57.7 39.3 73.1

Manual Integrations

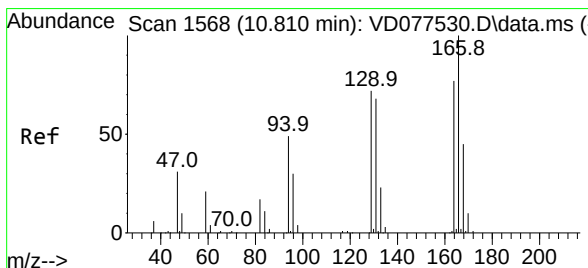
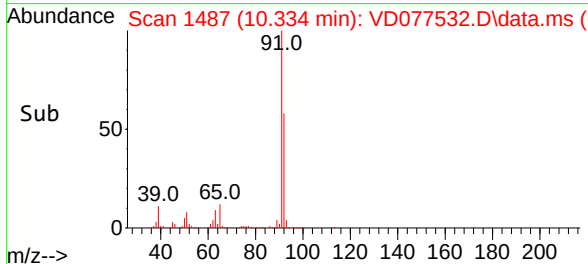
APPROVED

Reviewed By :Mahesh
Dadoda



11/10/2023
Supervised By :Semsettin
Yesilyurt

11/10/2023



#46

Tetrachloroethene

Concen: 1959.746 ug/L

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD077532.D

Acq: 09 Nov 2023 13:30

Tgt Ion:164 Resp:10656731

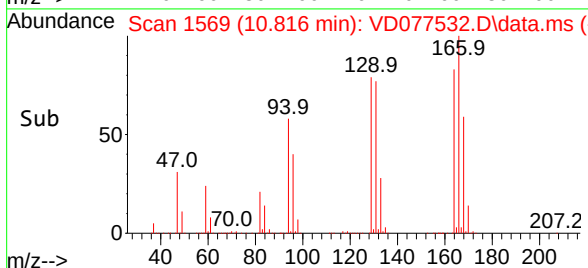
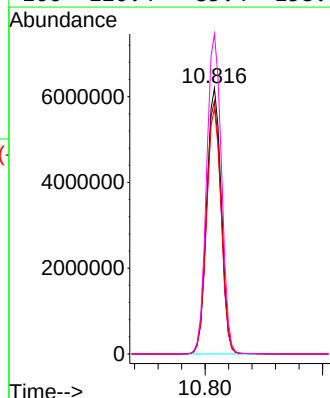
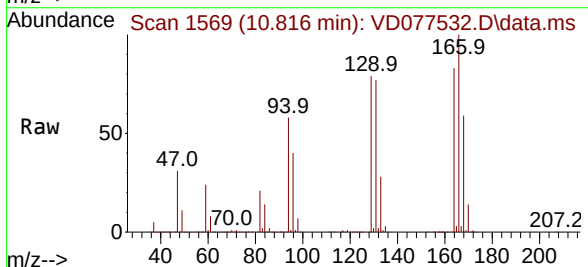
Ion Ratio Lower Upper

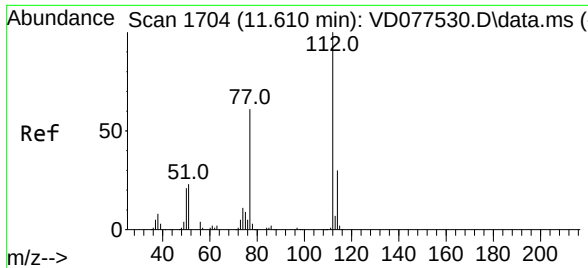
164 100

129 95.2 60.6 112.6

131 92.5 61.6 114.4

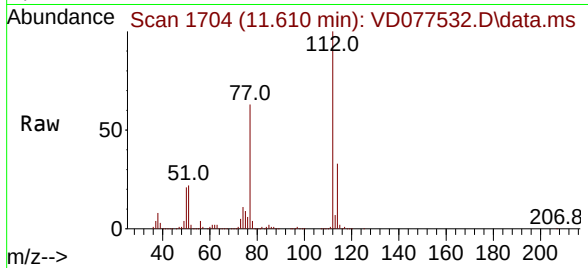
166 120.4 85.4 158.6





#51
Chlorobenzene
Concen: 283.431 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

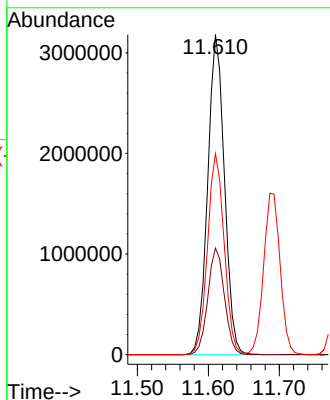
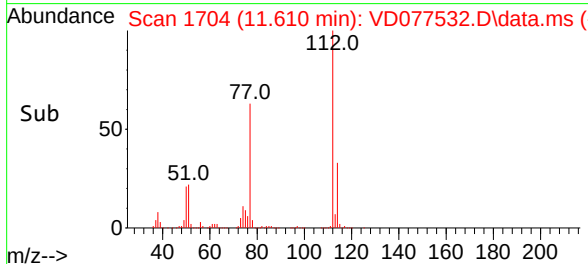
Instrument :
MSVOA_D
ClientSampleId :
BH3R1



Tgt Ion:112 Resp: 5199632
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 62.9 49.6 74.4

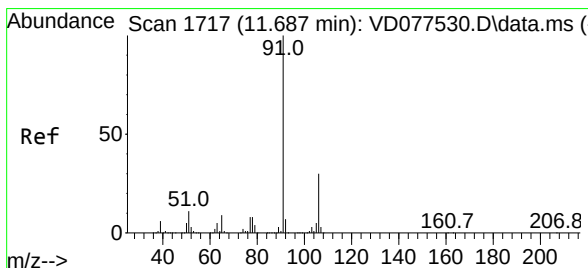
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

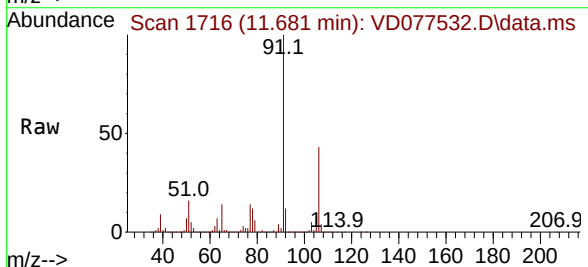


11/10/2023
Supervised By :Semsettin
Yesilyurt

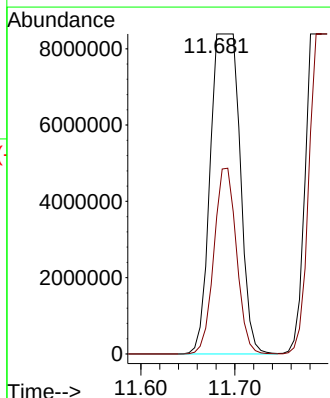
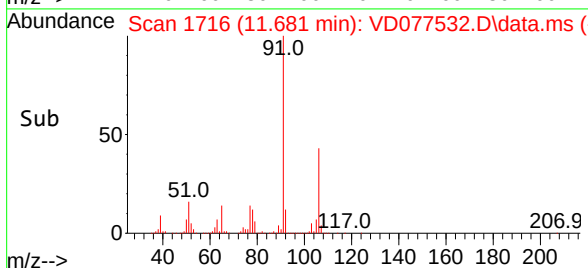
11/10/2023

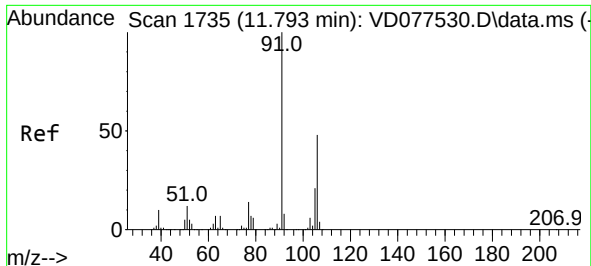


#52
Ethylbenzene
Concen: 534.677 ug/L m
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30



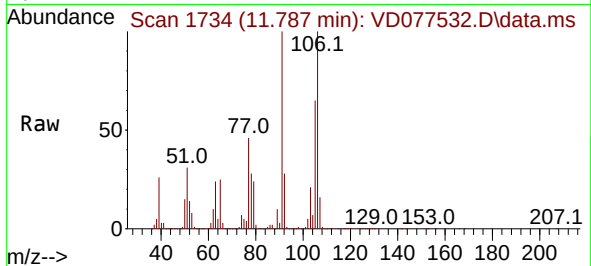
Tgt Ion: 91 Resp:18422556
Ion Ratio Lower Upper
91 100
106 43.1 22.0 40.8#





#53
m,p-Xylene
Concen: 2456.994 ug/L m
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

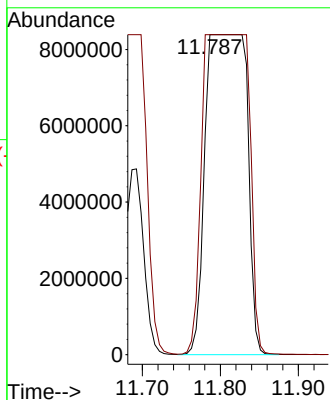
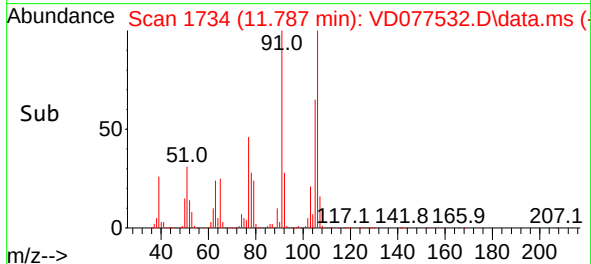
Instrument :
MSVOA_D
ClientSampleId :
BH3R1



Tgt Ion:106 Resp:30805958
Ion Ratio Lower Upper
106 100
91 100.0 146.7 272.4

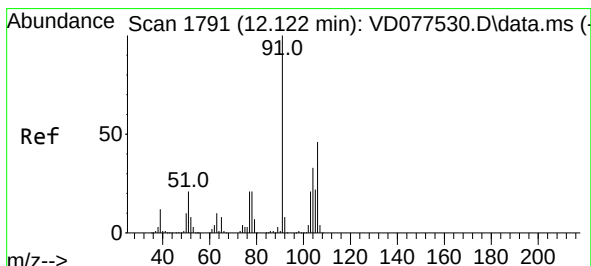
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



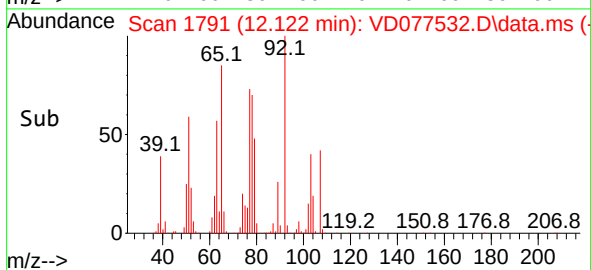
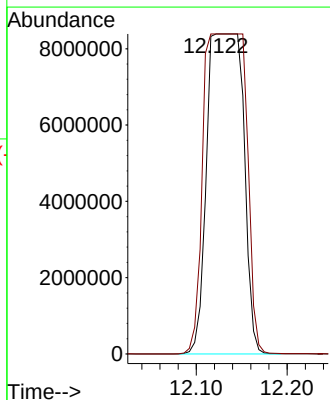
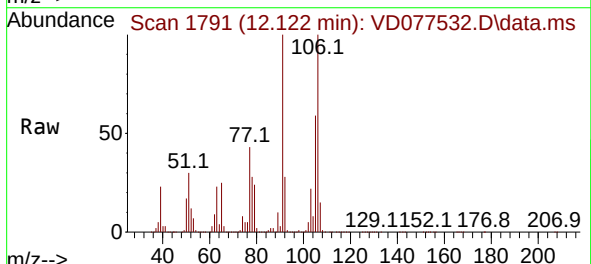
11/10/2023
Supervised By :Semsettin
Yesilyurt

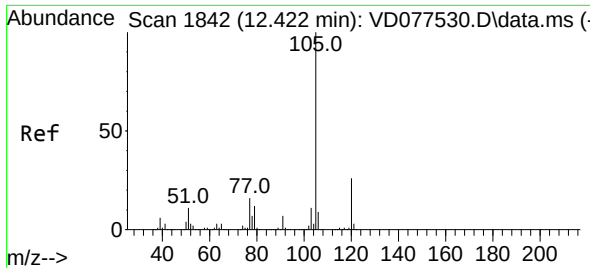
11/10/2023



#54
o-Xylene
Concen: 1942.997 ug/L m
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

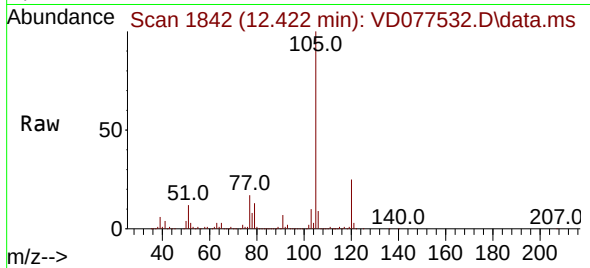
Tgt Ion:106 Resp:23332219
Ion Ratio Lower Upper
106 100
91 100.0 158.5 294.4





#60
Isopropylbenzene
Concen: 33.691 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

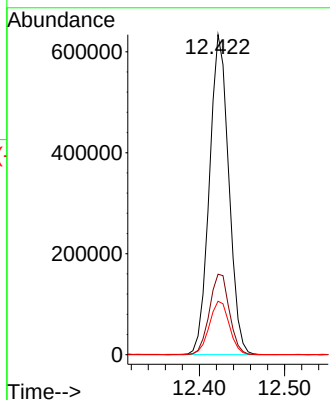
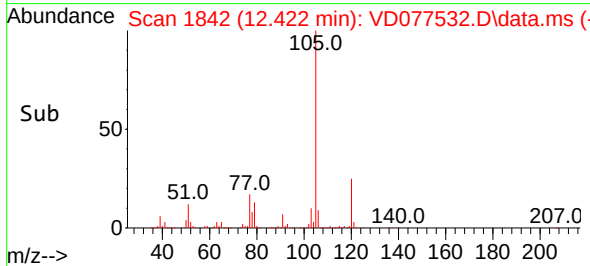
Instrument :
MSVOA_D
ClientSampleId :
BH3R1



Tgt Ion:105 Resp: 999822
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 17.2 13.4 20.2

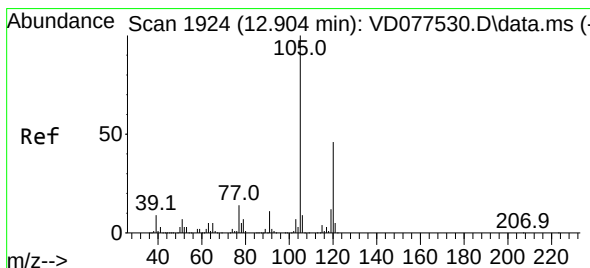
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

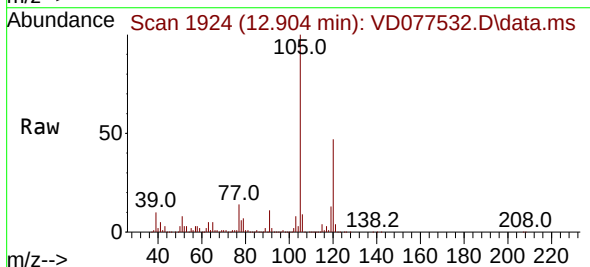


11/10/2023
Supervised By :Semsettin
Yesilyurt

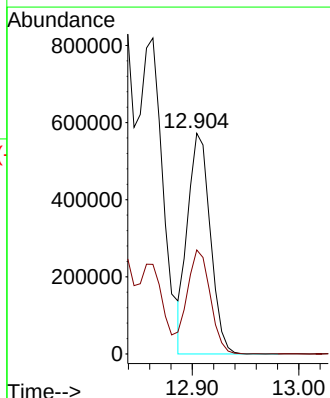
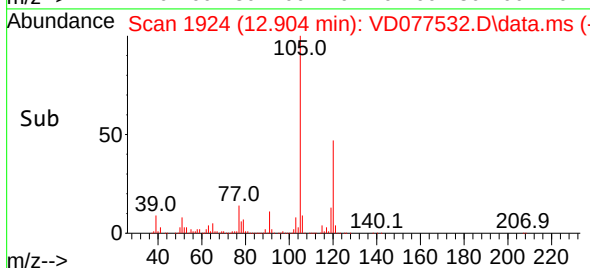
11/10/2023

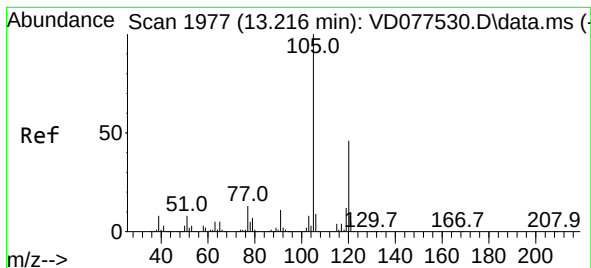


#62
1,3,5-Trimethylbenzene
Concen: 37.446 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30



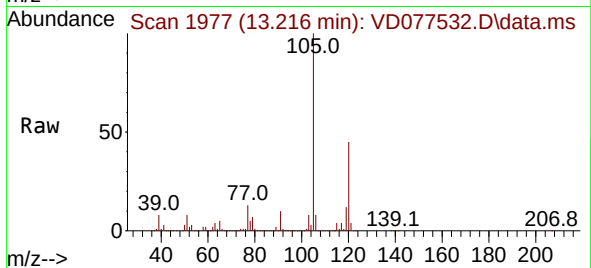
Tgt Ion:105 Resp: 843402
Ion Ratio Lower Upper
105 100
120 49.4 37.8 56.6





#63
1,2,4-Trimethylbenzene
Concen: 71.569 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

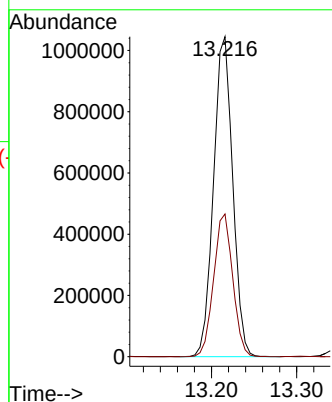
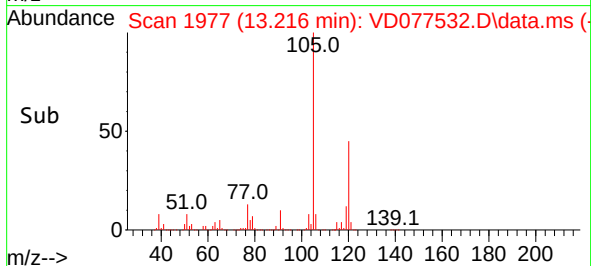
Instrument :
MSVOA_D
ClientSampleId :
BH3R1



Tgt Ion:105 Resp: 163286
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

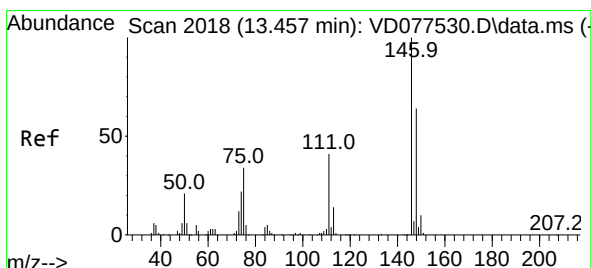
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

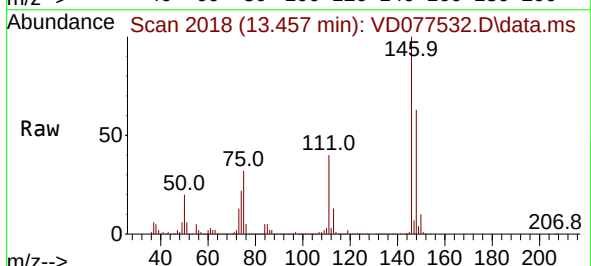


11/10/2023
Supervised By :Semsettin
Yesilyurt

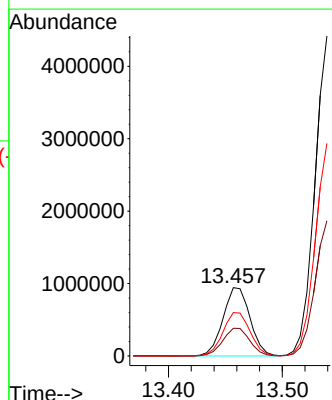
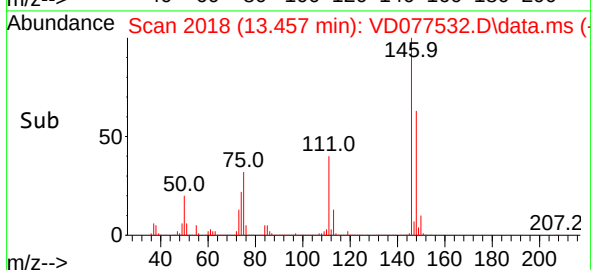
11/10/2023

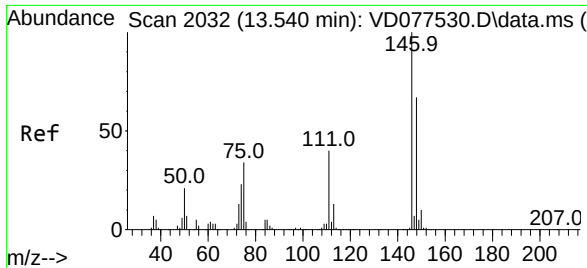


#64
1,3-Dichlorobenzene
Concen: 127.820 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30



Tgt Ion:146 Resp: 1556196
Ion Ratio Lower Upper
146 100
111 40.4 27.2 50.6
148 63.5 44.1 81.9





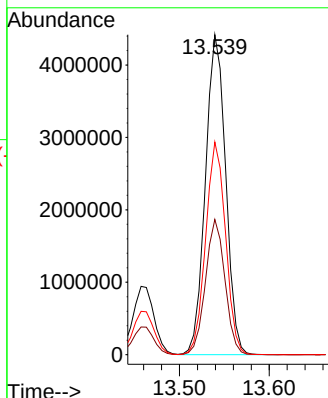
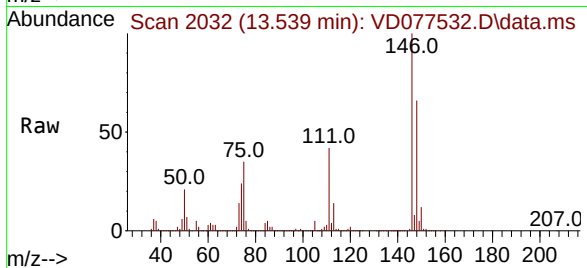
#65
1,4-Dichlorobenzene
Concen: 564.023 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

Instrument :
MSVOA_D
ClientSampleId :
BH3R1

Tgt Ion:146 Resp: 6930090
Ion Ratio Lower Upper
146 100
111 42.3 25.6 47.4
148 66.5 44.1 81.9

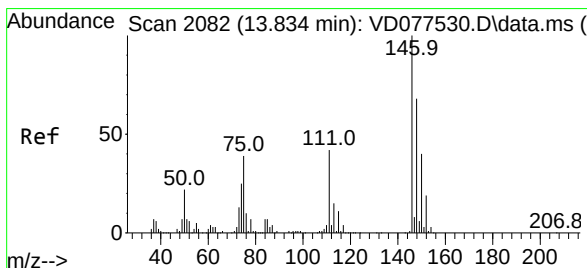
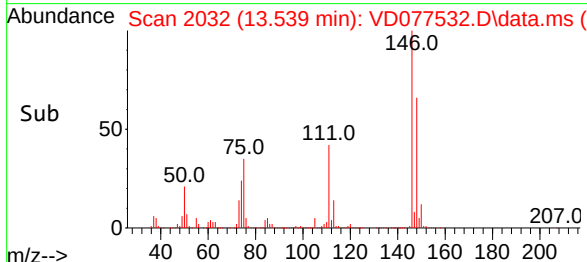
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



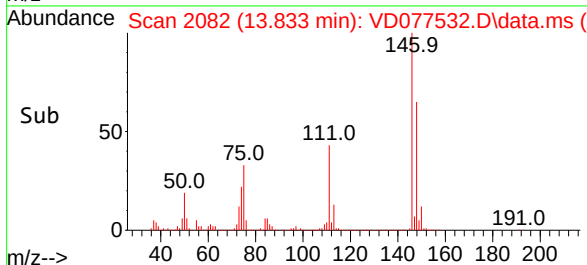
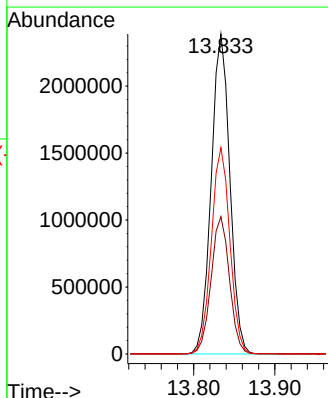
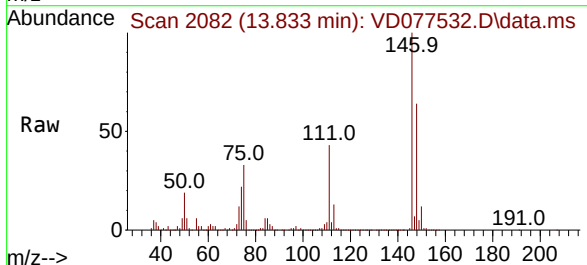
11/10/2023
Supervised By :Semsettin
Yesilyurt

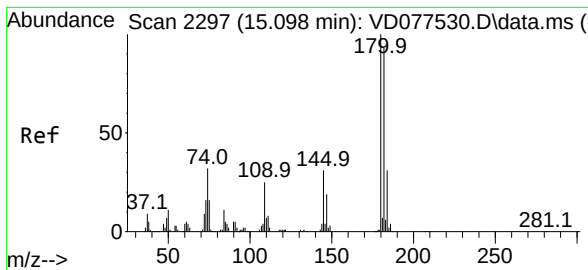
11/10/2023



#67
1,2-Dichlorobenzene
Concen: 353.597 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

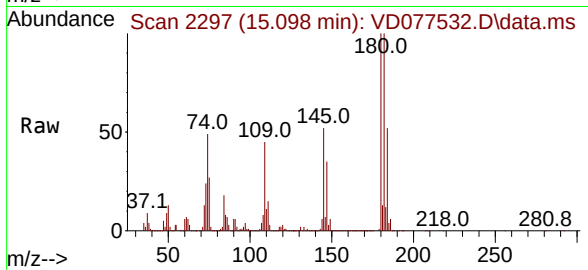
Tgt Ion:146 Resp: 3806058
Ion Ratio Lower Upper
146 100
111 42.9 33.8 50.6
148 64.4 54.3 81.5





#70
1,2,4-trichlorobenzene
Concen: 2754.832 ug/L m
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30

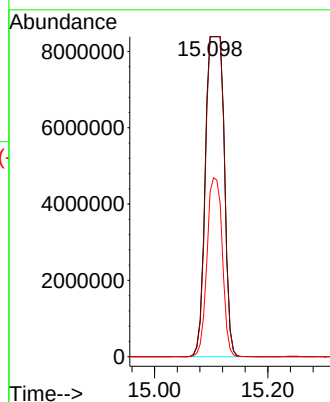
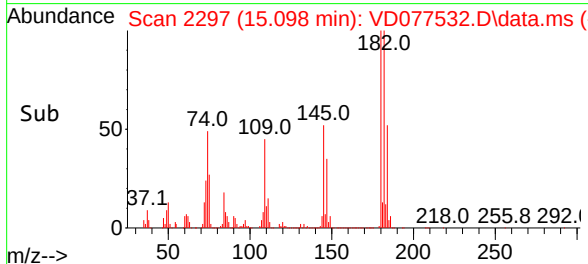
Instrument :
MSVOA_D
ClientSampleId :
BH3R1



Tgt Ion:180 Resp:1924705
Ion Ratio Lower Upper
180 100
182 0.0 75.8 113.6
145 0.0 24.1 36.1

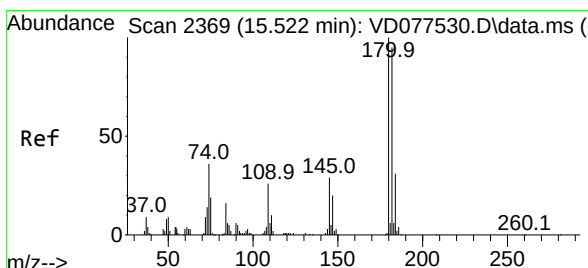
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

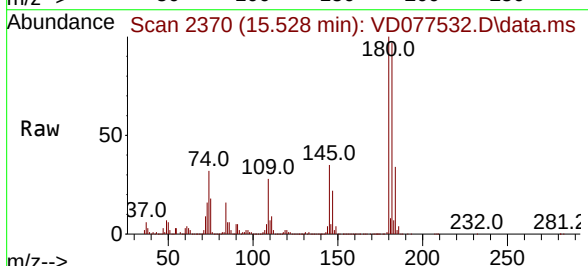


11/10/2023
Supervised By :Semsettin
Yesilyurt

11/10/2023



#72
1,2,3-Trichlorobenzene
Concen: 1622.215 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077532.D
Acq: 09 Nov 2023 13:30



Tgt Ion:180 Resp: 9663914
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 33.9 26.0 39.0

