

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077187.D
 Acq On : 21 Sep 2023 18:10
 Operator : JC/SY
 Sample : 04527-08
 Misc : 5.20G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYK7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

Quant Time: Sep 22 01:33:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	290473	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	273111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	155863	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	104952	14.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.640%
7) Chloroethane-d5	2.799	69	82749	14.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.240%
11) 1,1-Dichloroethene-d2	3.905	65	20120m	12.375	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.480%
21) 2-Butanone-d5	6.993	46	41871m	46.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.880%
24) Chloroform-d	7.563	84	140229	17.643	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.560%
26) 1,2-Dichloroethane-d4	8.228	65	75841	20.132	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.520%
32) Benzene-d6	8.199	84	285919	18.955	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	9.210	67	96666	22.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.400%
41) Toluene-d8	10.269	98	277185	20.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.280%
43) trans-1,3-Dichloroprop...	10.522	79	33689	17.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.360%
47) 2-Hexanone-d5	10.875	63	37498	54.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.540%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84795	21.988	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.960%
66) 1,2-Dichlorobenzene-d4	13.822	152	107080m	21.404	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
13) Acetone	4.034	43	10023m	7.749	ug/L	
14) Carbon disulfide	4.264	76	78074	6.183	ug/L	99
16) Methylene chloride	4.799	84	18700	3.163	ug/L	81
17) trans-1,2-Dichloroethene	5.299	96	4227	0.995	ug/L #	73
20) cis-1,2-Dichloroethene	7.075	96	4667m	0.960	ug/L	
29) Cyclohexane	7.881	56	88771	17.284	ug/L #	71
33) Benzene	8.246	78	22270	1.357	ug/L	100
34) Trichloroethene	9.028	95	23430	5.386	ug/L	94
35) Methylcyclohexane	9.269	83	135908	20.258	ug/L	91
42) Toluene	10.334	91	75985	4.276	ug/L	94
52) Ethylbenzene	11.681	91	312826	16.267	ug/L	99
53) m,p-Xylene	11.798	106	119951	16.153	ug/L	92
54) o-Xylene	12.122	106	30379	4.238	ug/L	89
60) Isopropylbenzene	12.422	105	549726	27.365	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	55797	3.591	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	4157882	273.150	ug/L	98

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

Instrument :

MSVOA_D

ClientSampleId :

EZYK7

Manual Integrations

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Supervised By :Mahesh Dadoda 10/11/2023

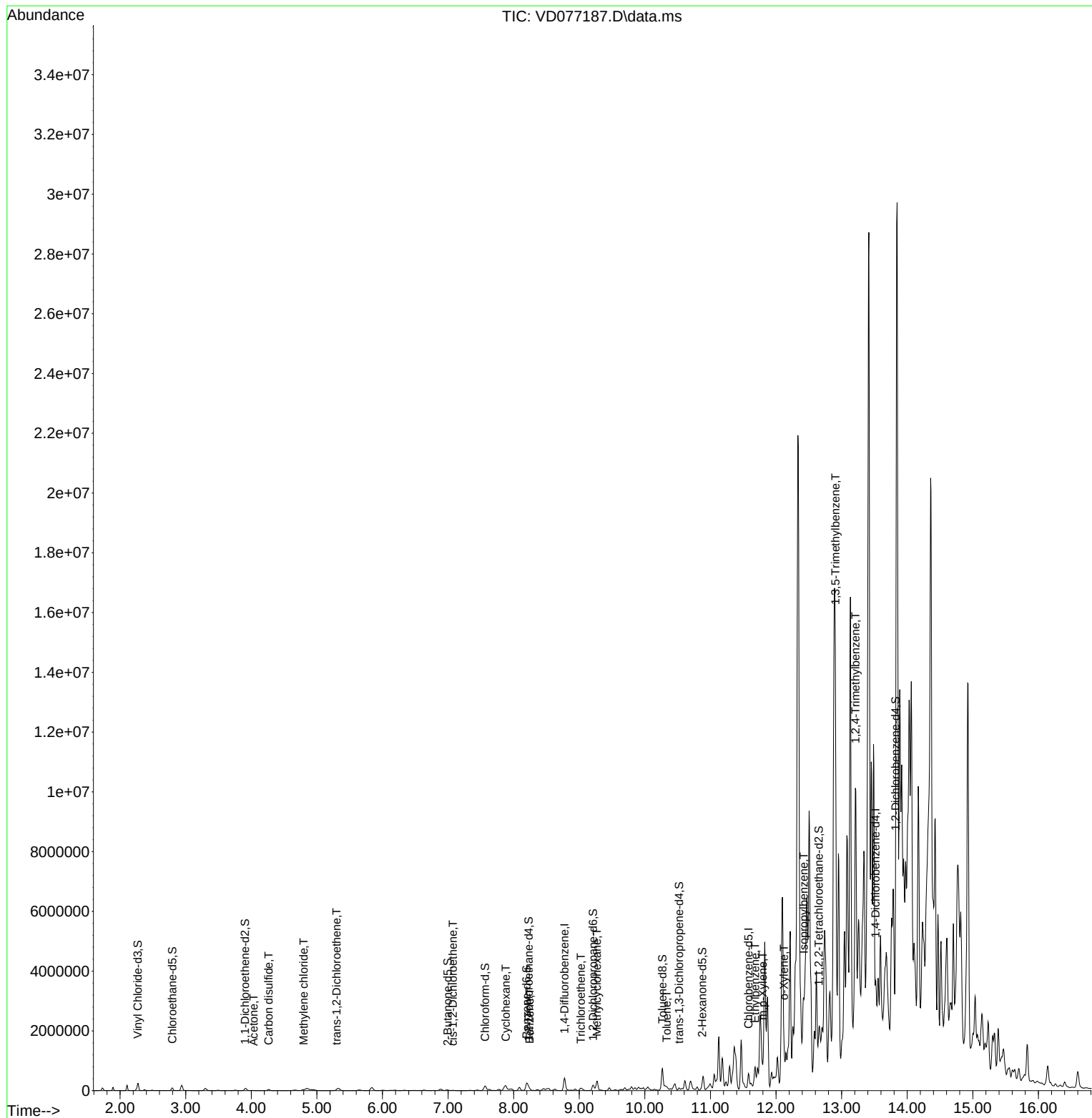
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
Data File : VD077187.D
Acq On : 21 Sep 2023 18:10
Operator : JC/SY
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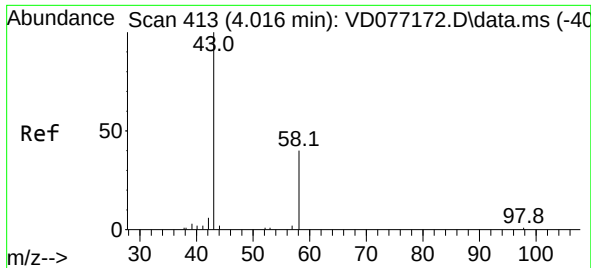
Instrument :
MSVOA_D
ClientSampleId :
EZYK7

Quant Time: Sep 22 01:33:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration

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#13

Acetone

Concen: 7.749 ug/L m

RT: 4.034 min Scan# 41

Delta R.T. 0.018 min

Lab File: VD077187.D

Acq: 21 Sep 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

EZYK7

Tgt Ion: 43 Resp: 1002

Ion Ratio Lower Upper

43 100

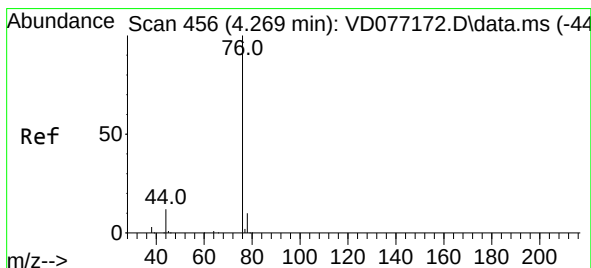
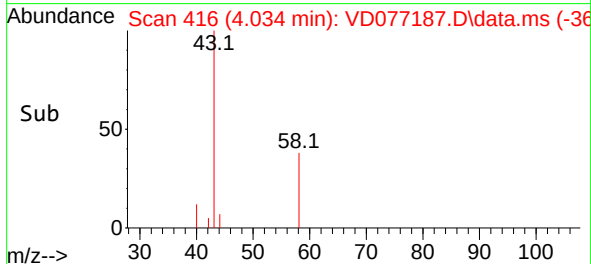
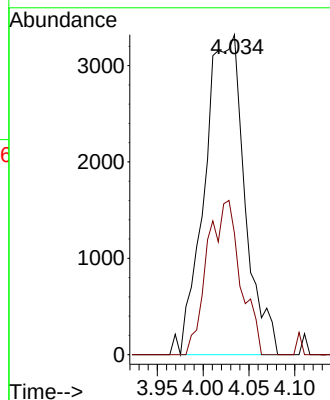
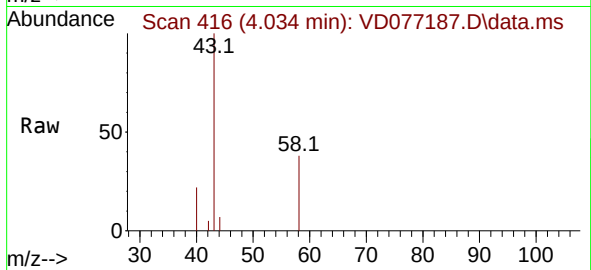
58 17.0 0.0 71.8

Manual Integrations

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Supervised By :Mahesh Dadoda 10/11/2023



#14

Carbon disulfide

Concen: 6.183 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD077187.D

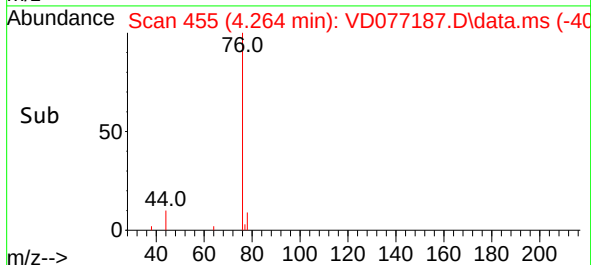
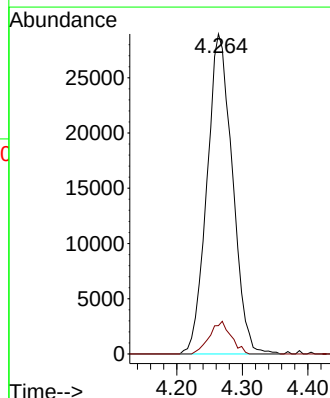
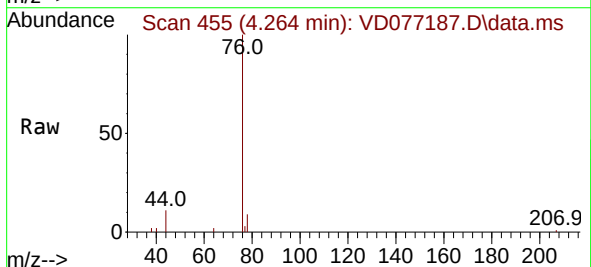
Acq: 21 Sep 2023 18:10

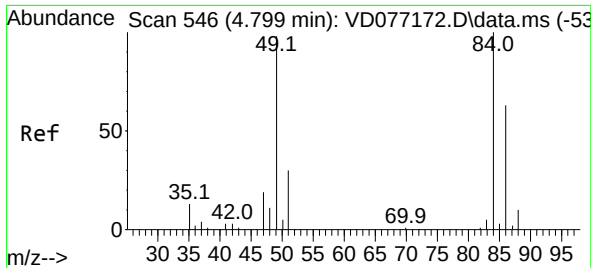
Tgt Ion: 76 Resp: 78074

Ion Ratio Lower Upper

76 100

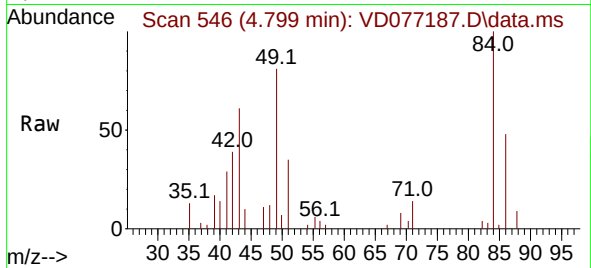
78 8.9 7.5 11.3





#16
Methylene chloride
Concen: 3.163 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

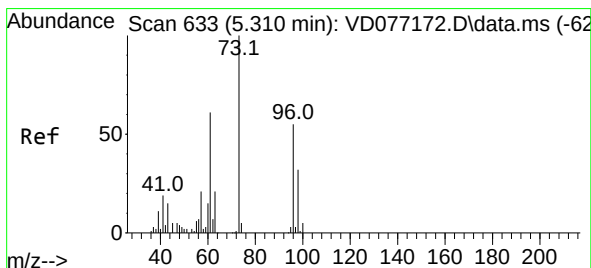
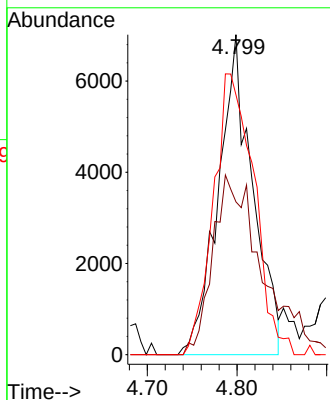
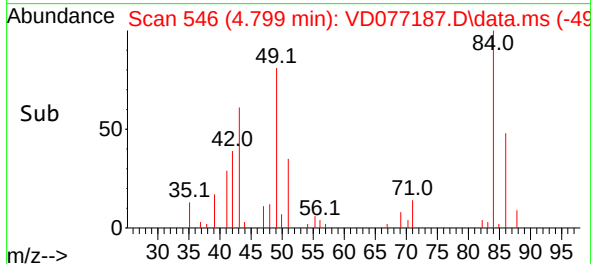
Instrument :
MSVOA_D
ClientSampleId :
EZYK7



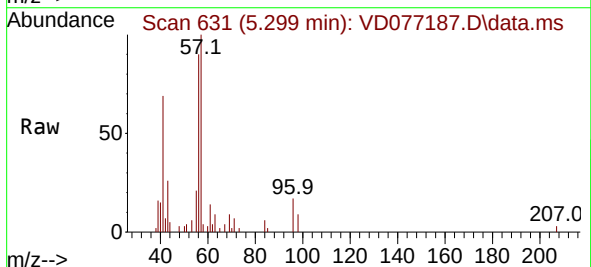
Tgt Ion: 84 Resp: 18700
Ion Ratio Lower Upper
84 100
86 47.8 45.3 84.1
49 81.2 69.2 128.6

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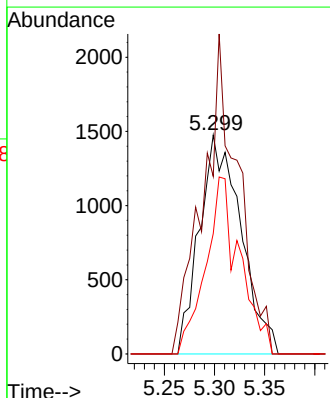
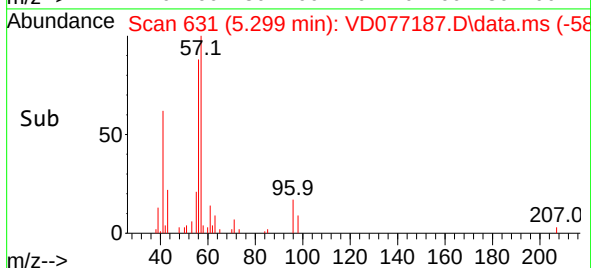
Reviewed By :Semsettin Yesilyurt 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

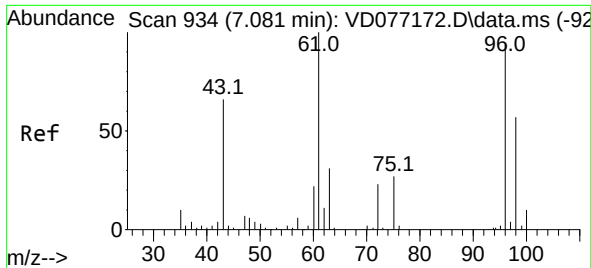


#17
trans-1,2-Dichloroethene
Concen: 0.995 ug/L
RT: 5.299 min Scan# 631
Delta R.T. -0.012 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10



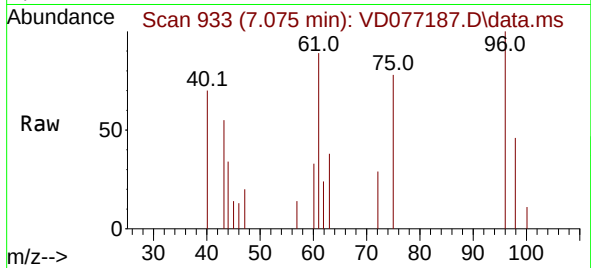
Tgt Ion: 96 Resp: 4227
Ion Ratio Lower Upper
96 100
61 81.2 85.1 158.1#
98 55.0 43.7 81.1





#20
cis-1,2-Dichloroethene
Concen: 0.960 ug/L m
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

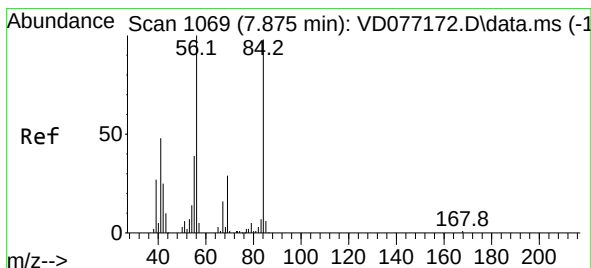
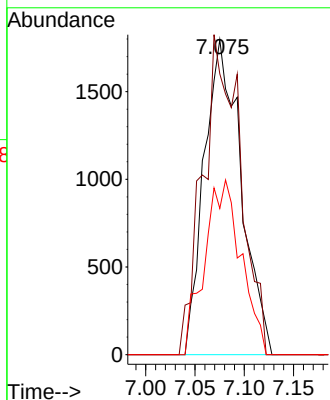
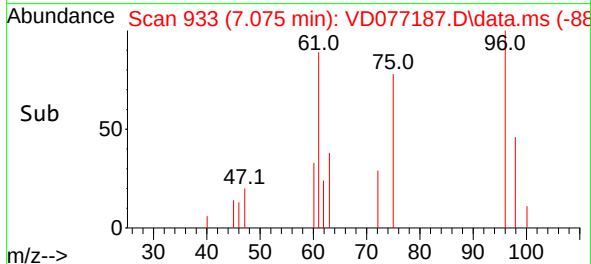
Instrument :
MSVOA_D
ClientSampleId :
EZYK7



Tgt Ion: 96 Resp: 466
Ion Ratio Lower Upper
96 100
61 89.1 75.5 140.1
98 46.4 45.8 85.0

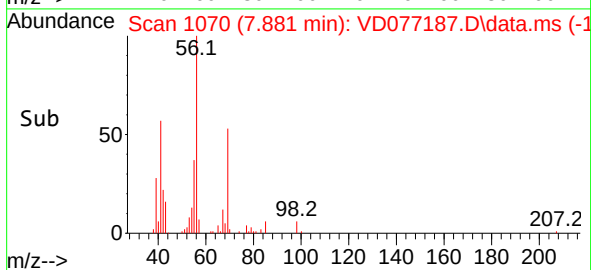
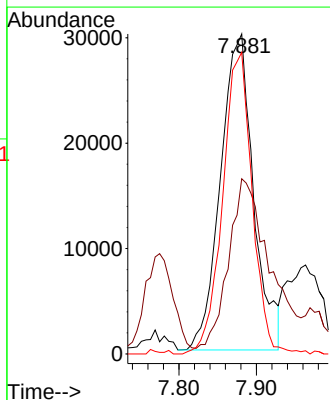
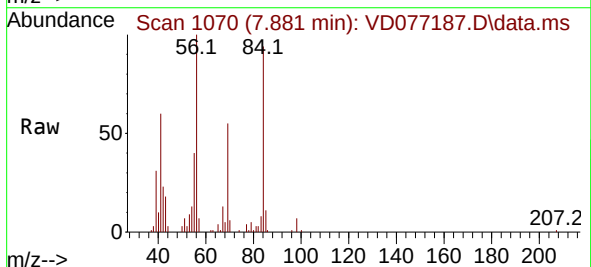
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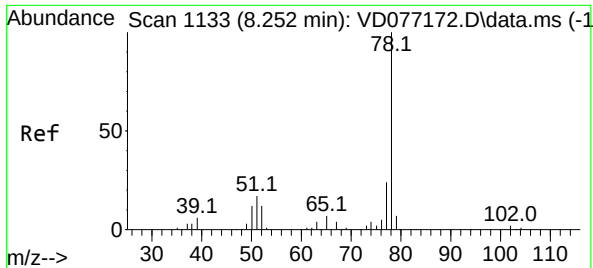
Reviewed By :Semsettin Yesilyurt 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#29
Cyclohexane
Concen: 17.284 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

Tgt Ion: 56 Resp: 88771
Ion Ratio Lower Upper
56 100
69 66.7 25.5 38.3#
84 84.9 82.6 124.0





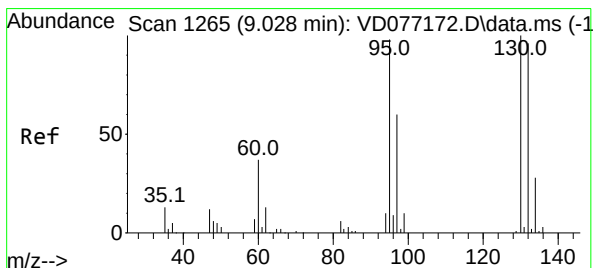
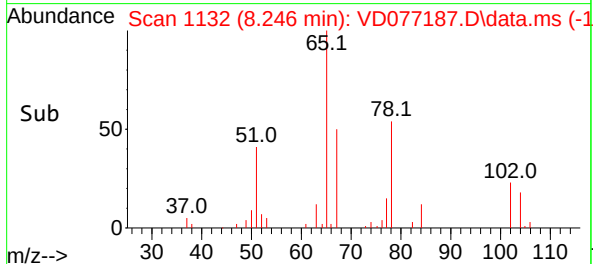
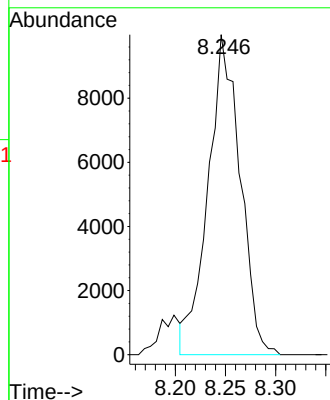
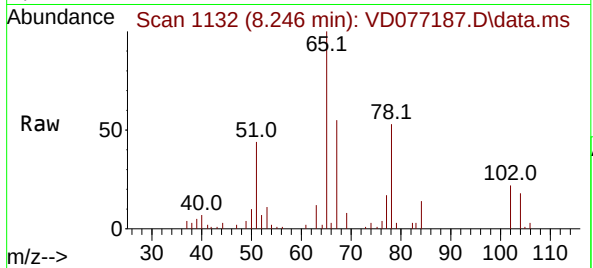
#33
Benzene
Concen: 1.357 ug/L
RT: 8.246 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

Instrument : MSVOA_D
ClientSampleId : EZYK7

Tgt Ion: 78 Resp: 22270

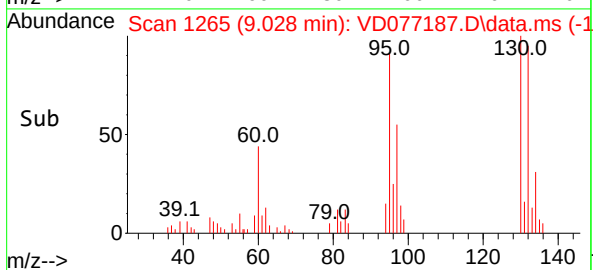
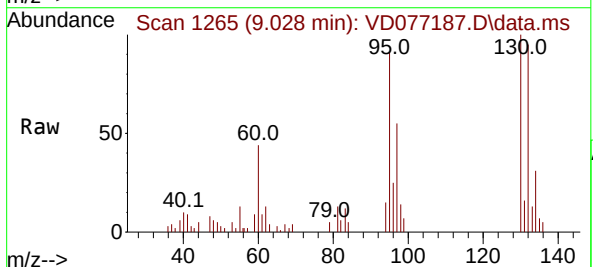
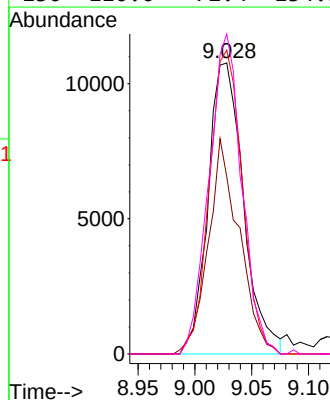
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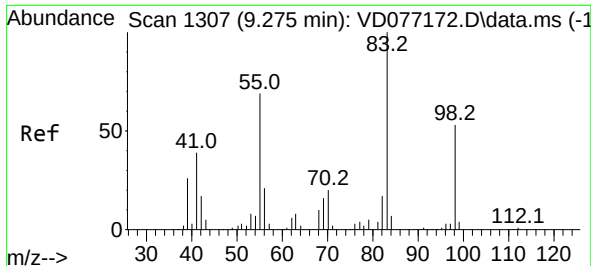
Reviewed By :Semsettin Yesilyurt 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#34
Trichloroethene
Concen: 5.386 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

Tgt Ion: 95 Resp: 23430
Ion Ratio Lower Upper
95 100
97 60.9 46.4 86.2
132 104.4 70.1 130.1
130 110.0 72.4 134.5





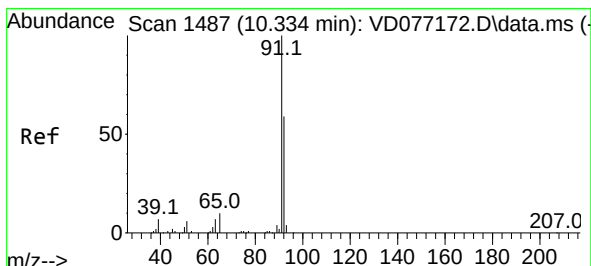
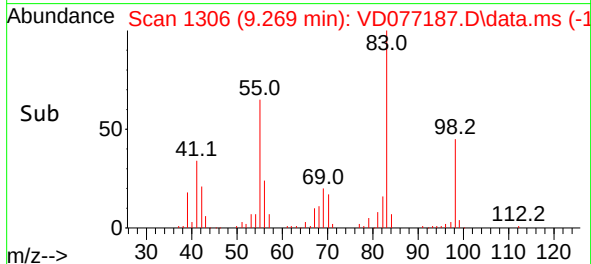
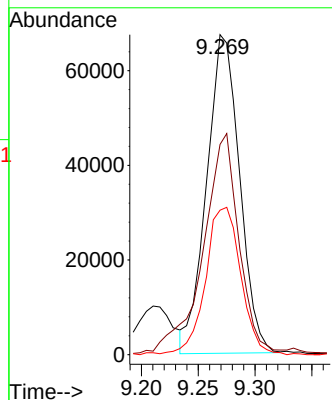
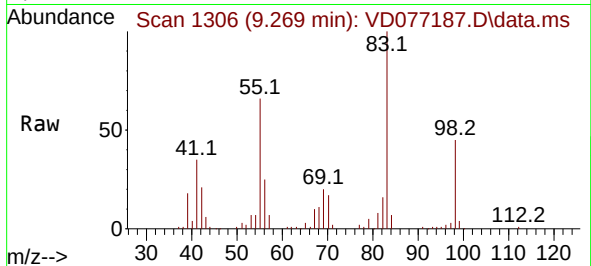
#35
Methylcyclohexane
Concen: 20.258 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :
EZYK7

Tgt Ion: 83 Resp: 135908
Ion Ratio Lower Upper
83 100
55 76.1 51.5 77.3
98 49.4 40.7 61.1

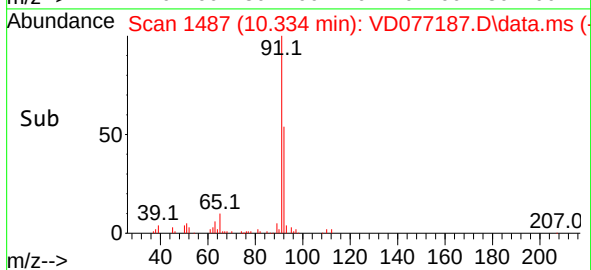
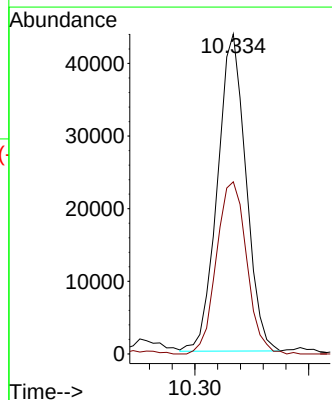
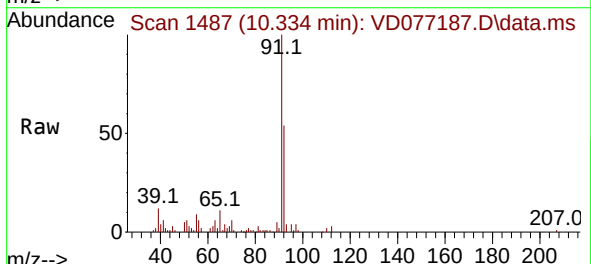
Manual Integrations
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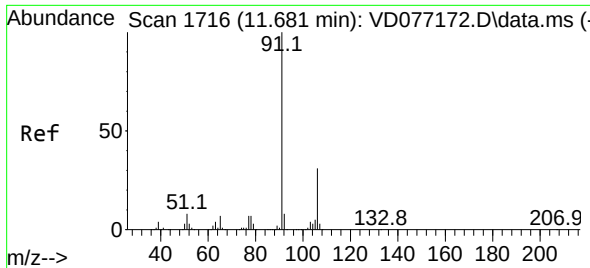
Reviewed By :Semsettin Yesilyurt 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#42
Toluene
Concen: 4.276 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

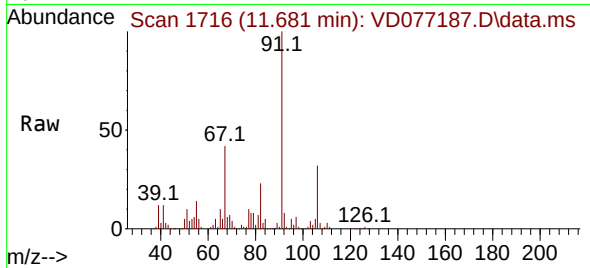
Tgt Ion: 91 Resp: 75985
Ion Ratio Lower Upper
91 100
92 53.8 40.8 75.8





#52
Ethylbenzene
Concen: 16.267 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

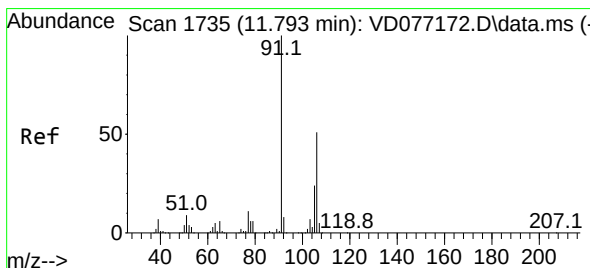
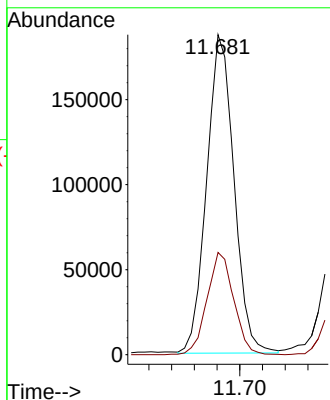
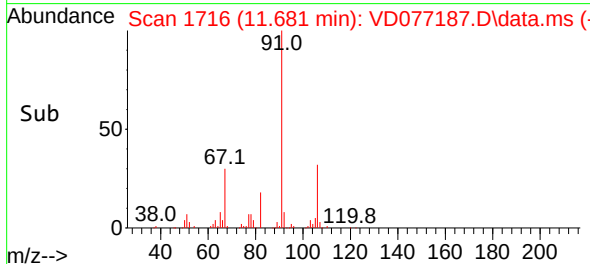
Instrument :
MSVOA_D
ClientSampleId :
EZYK7



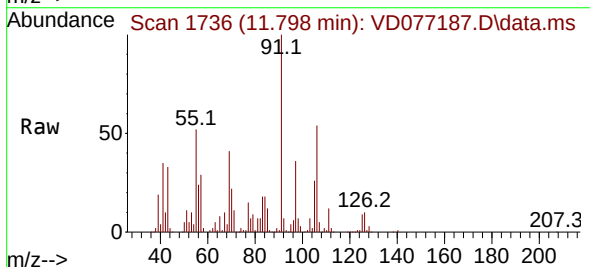
Tgt Ion: 91 Resp: 312820
Ion Ratio Lower Upper
91 100
106 31.9 22.1 41.1

Manual Integrations
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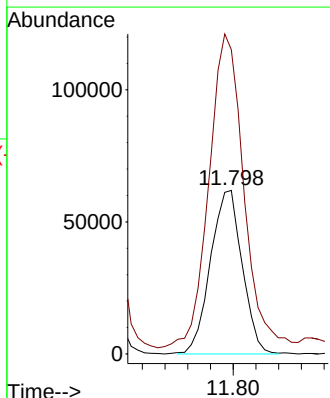
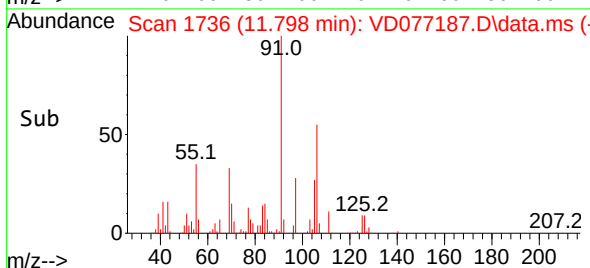
Reviewed By :Semsettin Yesilyurt 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

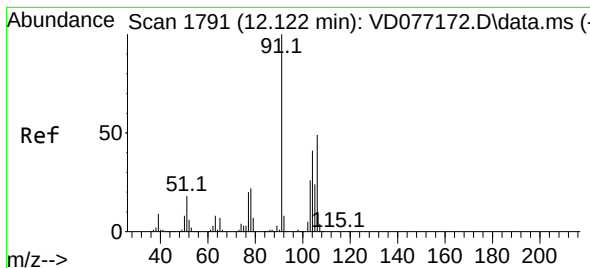


#53
m,p-Xylene
Concen: 16.153 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10



Tgt Ion:106 Resp: 119951
Ion Ratio Lower Upper
106 100
91 186.1 138.2 256.6





#54

o-Xylene

Concen: 4.238 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077187.D

Acq: 21 Sep 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

EZYK7

Tgt Ion:106 Resp: 30379

Ion Ratio Lower Upper

106 100

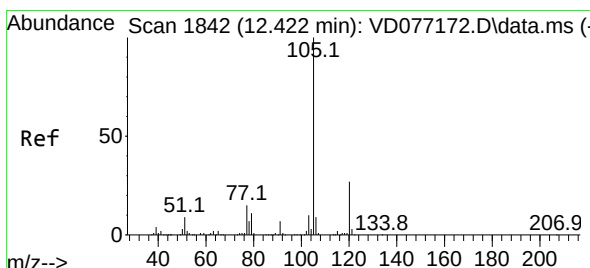
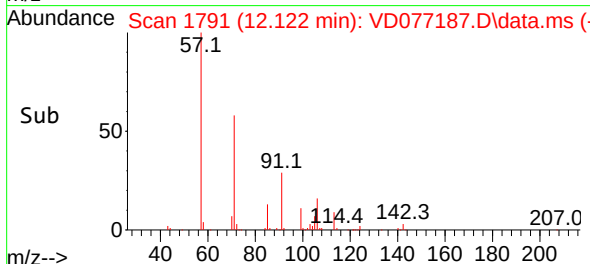
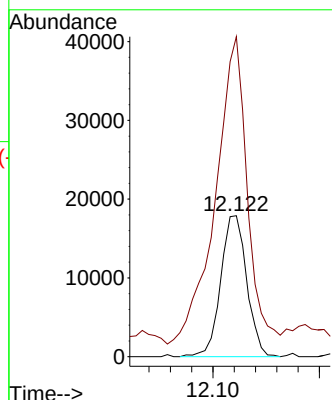
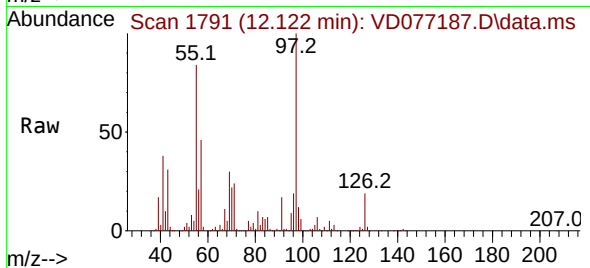
91 226.9 146.9 272.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#60

Isopropylbenzene

Concen: 27.365 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077187.D

Acq: 21 Sep 2023 18:10

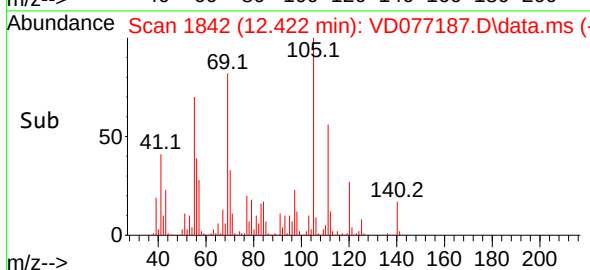
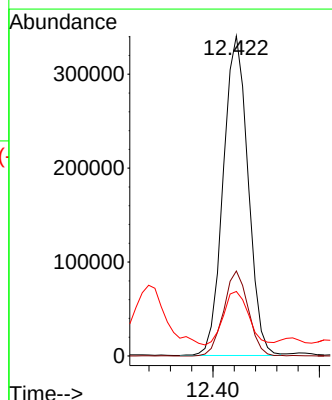
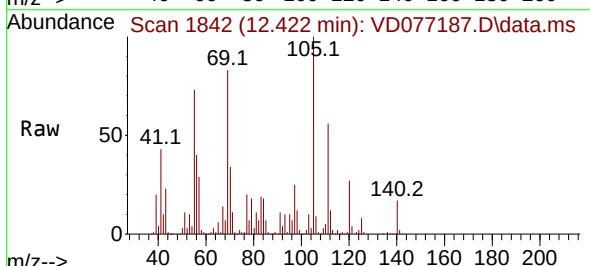
Tgt Ion:105 Resp: 549726

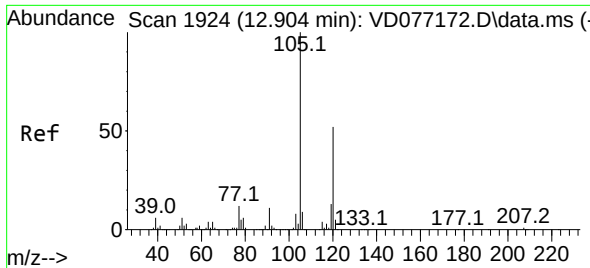
Ion Ratio Lower Upper

105 100

120 26.4 21.8 32.6

77 16.9 11.9 17.9





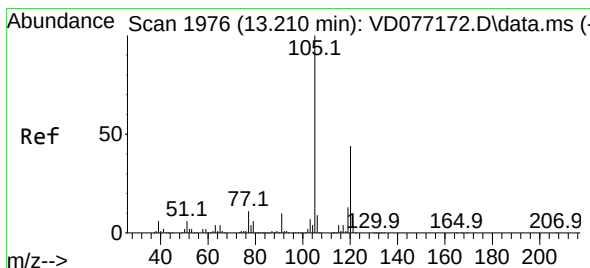
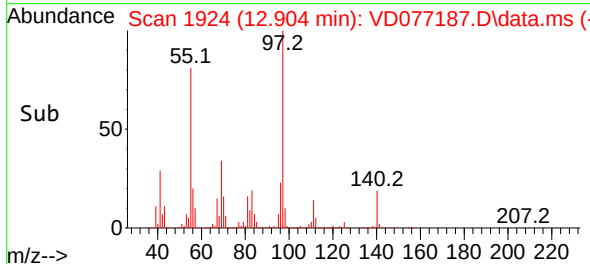
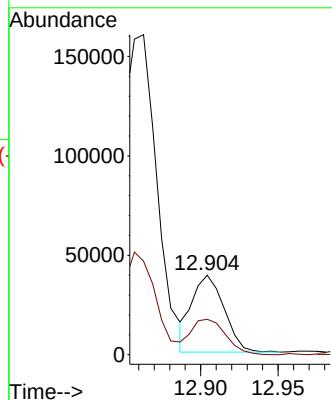
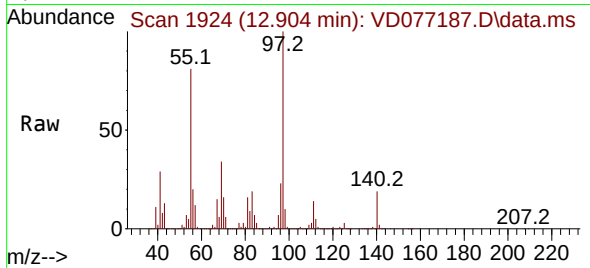
#62
1,3,5-Trimethylbenzene
Concen: 3.591 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :
EZYK7

Tgt Ion:105 Resp: 5579
Ion Ratio Lower Upper
105 100
120 49.8 40.2 60.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#63
1,2,4-Trimethylbenzene
Concen: 273.150 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077187.D
Acq: 21 Sep 2023 18:10

Tgt Ion:105 Resp: 4157882
Ion Ratio Lower Upper
105 100
120 46.2 37.8 56.8

