

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075895.D
 Acq On : 28 Apr 2023 18:59
 Operator : KP/SY
 Sample : 02548-25
 Misc : 5.82G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCQ5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/29/2023
 Supervised By :Semsettin Yesilyurt 05/01/2023

Quant Time: Apr 29 05:14:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	592183	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	531520	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	242135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	195228	15.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.120%		
7) Chloroethane-d5	2.799	69	189222	16.858	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.440%		
11) 1,1-Dichloroethene-d2	3.911	65	48408	16.163	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.640%		
21) 2-Butanone-d5	6.987	46	62691	55.588	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.180%		
24) Chloroform-d	7.569	84	289961	19.581	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.320%		
26) 1,2-Dichloroethane-d4	8.228	65	126636	20.025	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.120%		
32) Benzene-d6	8.199	84	555143	17.920	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.680%		
36) 1,2-Dichloropropane-d6	9.210	67	174814	20.387	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.560%		
41) Toluene-d8	10.269	98	511487	17.636	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.560%		
43) trans-1,3-Dichloroprop...	10.528	79	67440	19.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.120%		
47) 2-Hexanone-d5	10.875	63	59361	57.495	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.980%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	154683	23.574	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.280%		
66) 1,2-Dichlorobenzene-d4	13.816	152	162745	19.002	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.000%		
Target Compounds					Qvalue	
13) Acetone	4.016	43	1479561	1533.035	ug/L	98
16) Methylene chloride	4.799	84	22615	1.883	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	52557	5.693	ug/L	94
22) 2-Butanone	7.081	43	144253	114.649	ug/L	93
34) Trichloroethene	9.028	95	45158	5.431	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	3974	1.476	ug/L #	89
42) Toluene	10.334	91	10400	0.299	ug/L	91
46) Tetrachloroethene	10.804	164	6892662m	1010.715	ug/L	

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

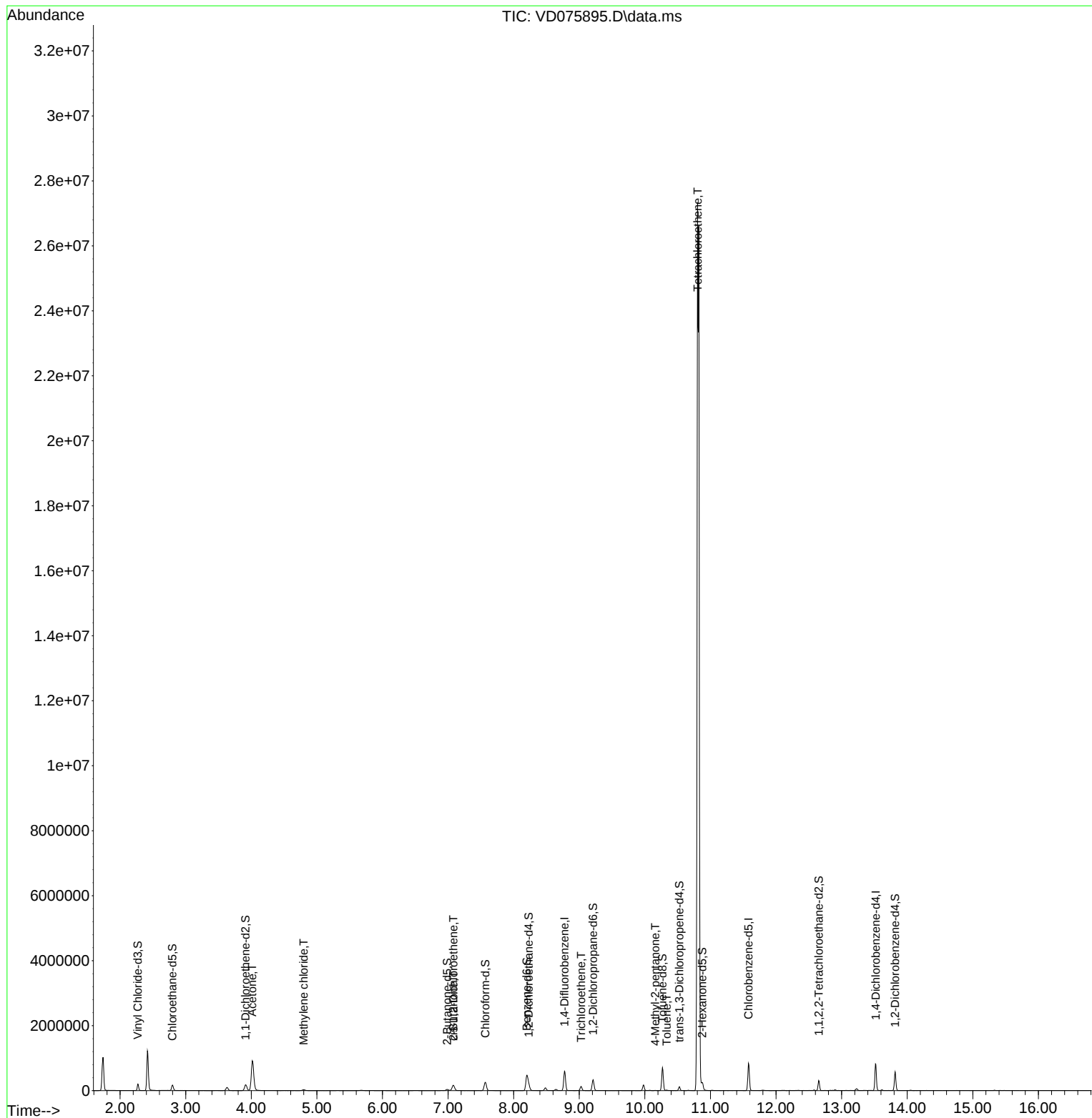
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
Data File : VD075895.D
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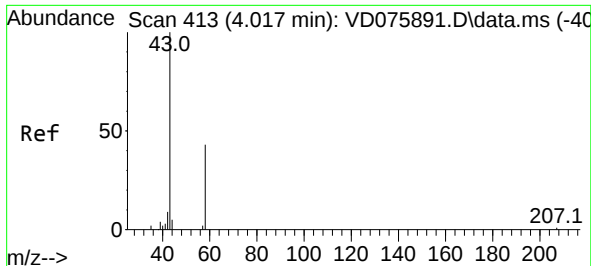
Instrument :
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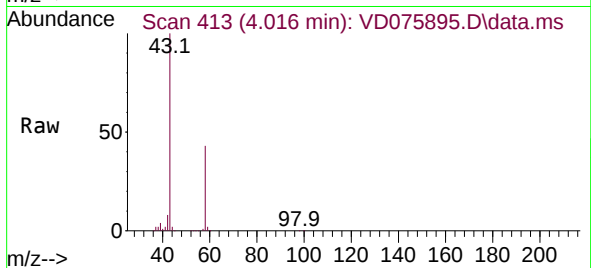
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 29 05:12:16 2023
Response via : Initial Calibration





#13
Acetone
Concen: 1533.035 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

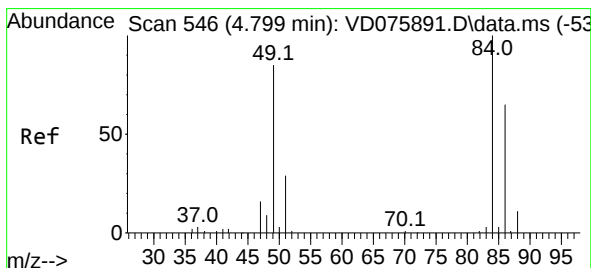
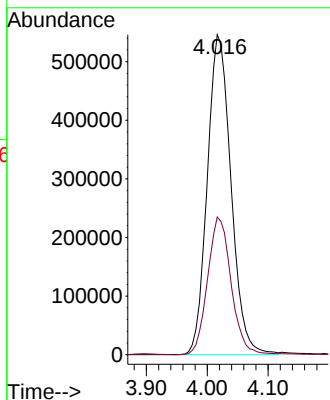
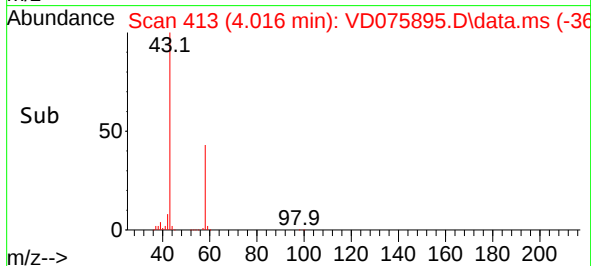
Instrument :
MSVOA_D
ClientSampleId :
DCCQ5



Tgt Ion: 43 Resp: 147956
Ion Ratio Lower Upper
43 100
58 42.7 0.0 87.4

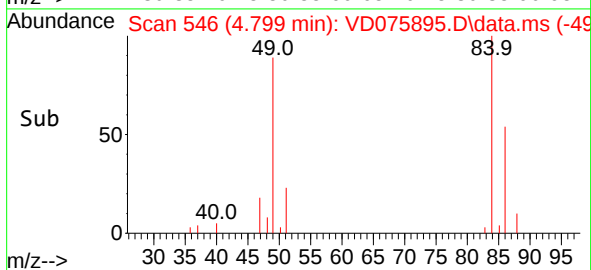
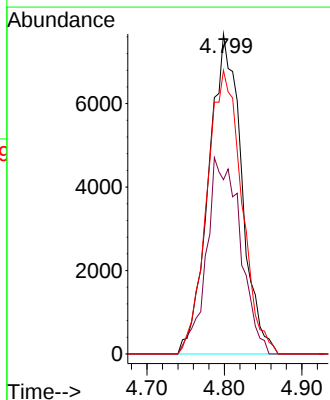
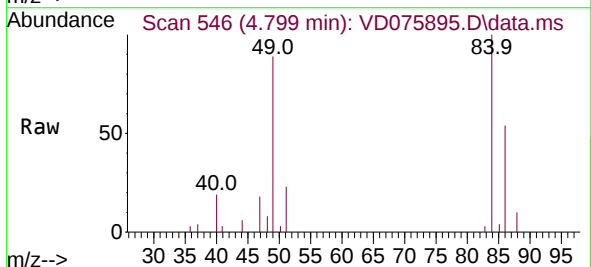
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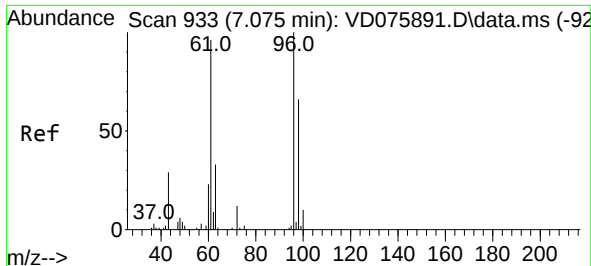
Reviewed By :Krupa Patel 04/29/2023
Supervised By :Semsettin Yesilyurt 05/01/2023



#16
Methylene chloride
Concen: 1.883 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

Tgt Ion: 84 Resp: 22615
Ion Ratio Lower Upper
84 100
86 54.4 45.8 85.2
49 88.6 60.8 112.8





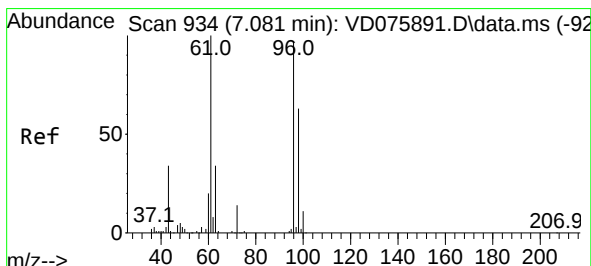
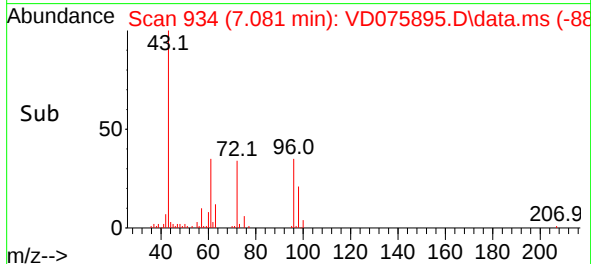
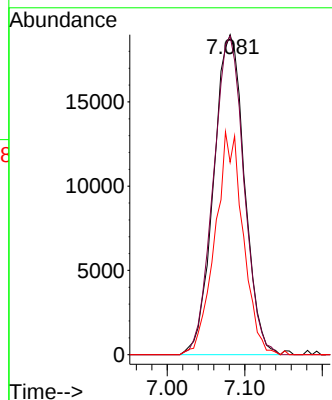
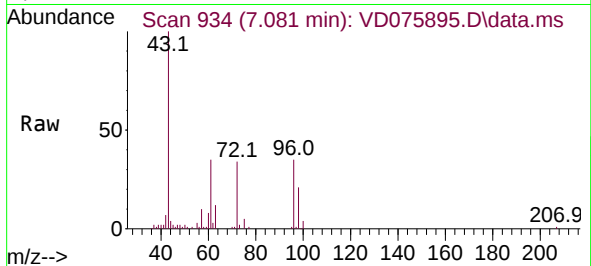
#20
 cis-1,2-Dichloroethene
 Concen: 5.693 ug/L
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD075895.D
 Acq: 28 Apr 2023 18:59

Instrument :
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 ClientSampleId :
 DCCQ5

Tgt Ion: 96 Resp: 5255
 Ion Ratio Lower Upper
 96 100
 61 99.5 67.5 125.3
 98 60.1 47.5 88.1

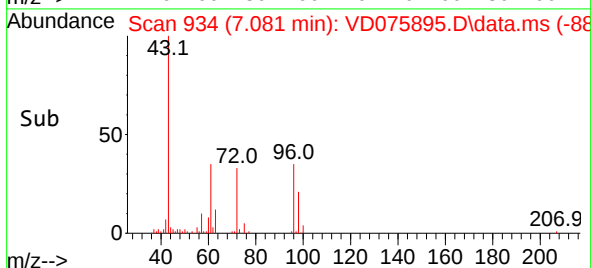
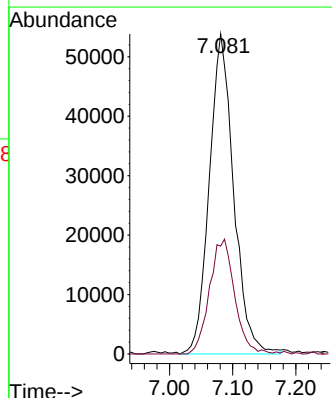
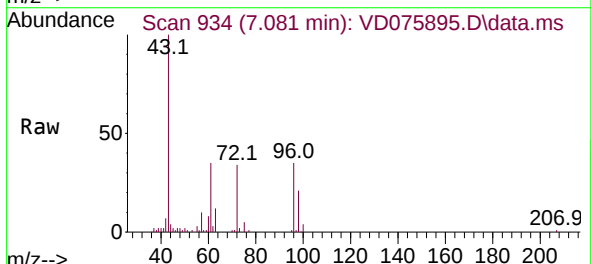
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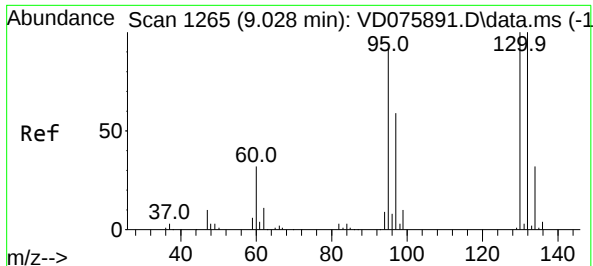
Reviewed By :Krupa Patel 04/29/2023
 Supervised By :Semsettin Yesilyurt 05/01/2023



#22
 2-Butanone
 Concen: 114.649 ug/L
 RT: 7.081 min Scan# 934
 Delta R.T. -0.000 min
 Lab File: VD075895.D
 Acq: 28 Apr 2023 18:59

Tgt Ion: 43 Resp: 144253
 Ion Ratio Lower Upper
 43 100
 72 36.5 20.5 61.5





#34

Trichloroethene

Concen: 5.431 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075895.D

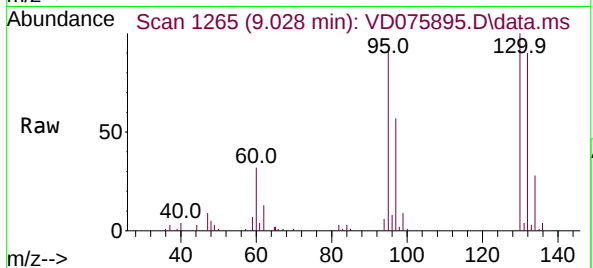
Acq: 28 Apr 2023 18:59

Instrument :

MSVOA_D

ClientSampleId :

DCCQ5



Tgt Ion: 95 Resp: 45158

Ion Ratio Lower Upper

95 100

97 63.4 46.0 85.4

132 99.3 73.3 136.1

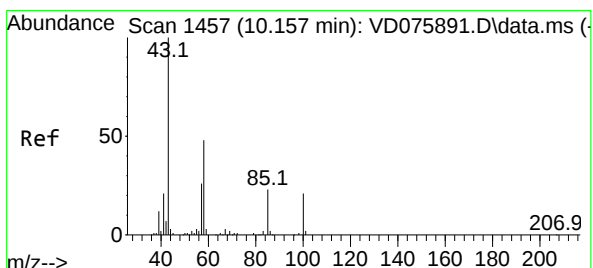
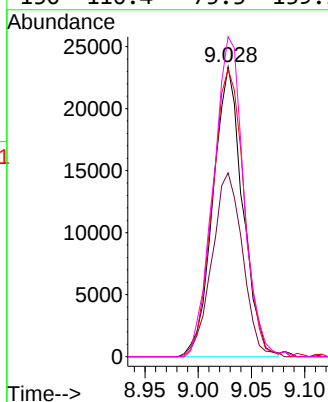
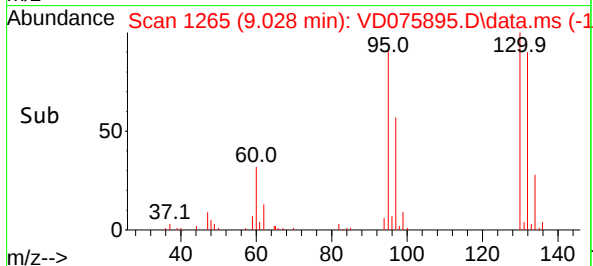
130 110.4 75.3 139.9

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#40

4-Methyl-2-pentanone

Concen: 1.476 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD075895.D

Acq: 28 Apr 2023 18:59

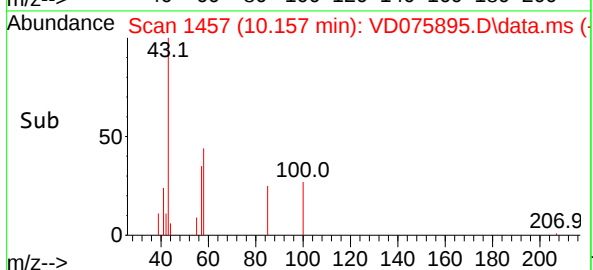
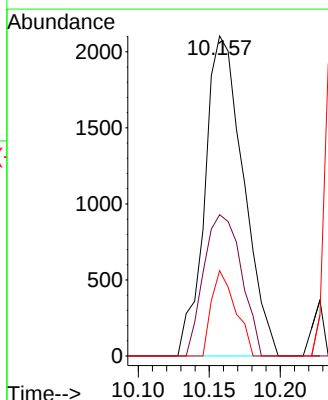
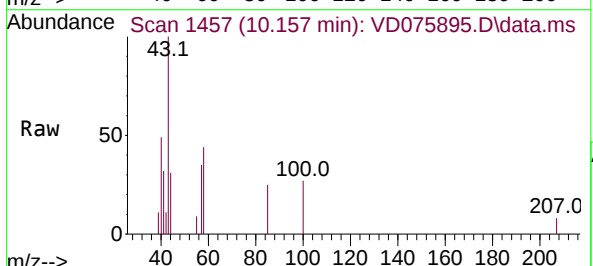
Tgt Ion: 43 Resp: 3974

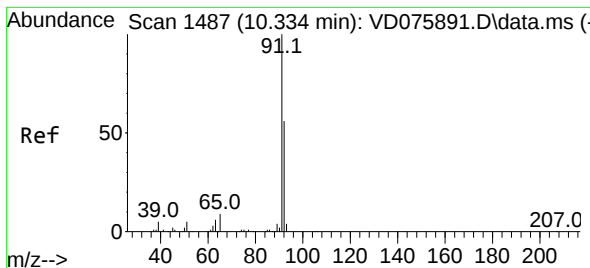
Ion Ratio Lower Upper

43 100

58 43.1 39.1 58.7

100 16.6 19.4 29.0#





#42

Toluene

Concen: 0.299 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075895.D

Acq: 28 Apr 2023 18:59

Instrument :

MSVOA_D

ClientSampleId :

DCCQ5

Tgt Ion: 91 Resp: 10400

Ion Ratio Lower Upper

91 100

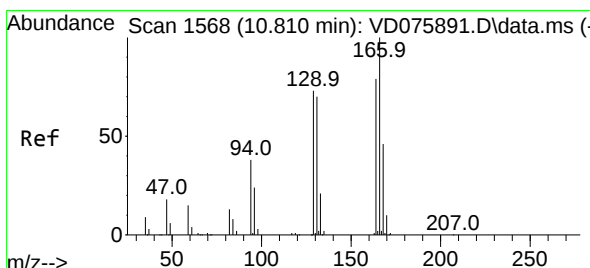
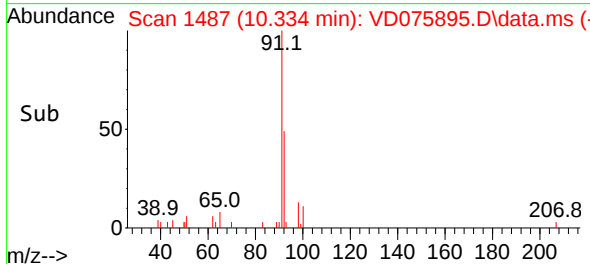
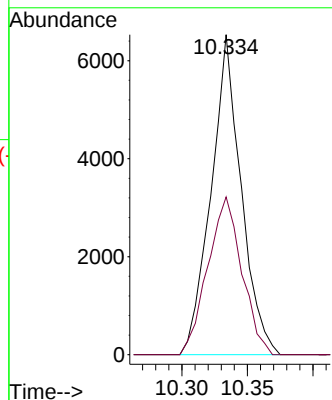
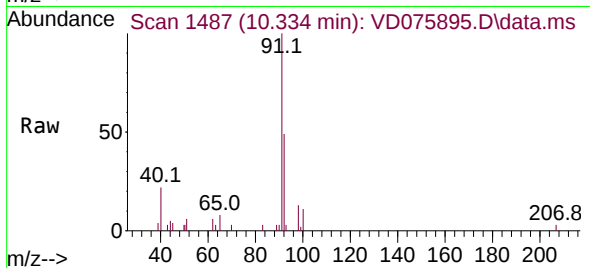
92 49.3 39.3 72.9

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#46

Tetrachloroethene

Concen: 1010.715 ug/L m

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD075895.D

Acq: 28 Apr 2023 18:59

Tgt Ion:164 Resp: 6892662

Ion Ratio Lower Upper

164 100

129 113.0 60.3 112.1#

131 107.6 58.9 109.3

166 123.1 83.0 154.1

