

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
 Data File : VD075445.D
 Acq On : 03 Mar 2023 14:01
 Operator : KP/SY
 Sample : MDL04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/06/2023
 Supervised By :Mahesh Dadoda 03/06/2023

Quant Time: Mar 03 23:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	314135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	280123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	118718	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	128702	16.501	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.000%		
7) Chloroethane-d5	2.805	69	122150	18.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.400%		
11) 1,1-Dichloroethene-d2	3.923	63	91621	12.576	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.320%		
21) 2-Butanone-d5	6.981	46	24937	34.500	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.000%		
24) Chloroform-d	7.569	84	151518	18.405	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.640%		
26) 1,2-Dichloroethane-d4	8.228	65	63221	17.727	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	70.920%		
32) Benzene-d6	8.199	84	301613	18.130	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.520%		
36) 1,2-Dichloropropane-d6	9.210	67	89623	19.061	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.240%		
41) Toluene-d8	10.269	98	270307	17.811	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.240%		
43) trans-1,3-Dichloroprop...	10.522	79	33568	17.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.880%		
47) 2-Hexanone-d5	10.881	63	20673	30.477	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.960%		
56) 1,1,2,2-Tetrachloroeth...	12.657	84	68582	17.437	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.760%		
66) 1,2-Dichlorobenzene-d4	13.816	152	82029	19.753	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.000%		
Target Compounds						Qvalue
3) Chloromethane	2.152	50	10703	1.317	ug/L	96
6) Bromomethane	2.705	94	6230	1.286	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	5613m	1.062	ug/L	
12) 1,1-Dichloroethene	3.940	96	4882	1.049	ug/L #	1
13) Acetone	4.023	43	4263m	5.221	ug/L	
16) Methylene chloride	4.799	84	11046	1.665	ug/L	95
22) 2-Butanone	7.087	43	2301m	2.221	ug/L	
40) 4-Methyl-2-pentanone	10.157	43	2671	1.408	ug/L	93
48) 2-Hexanone	10.928	43	1954	1.400	ug/L #	77

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

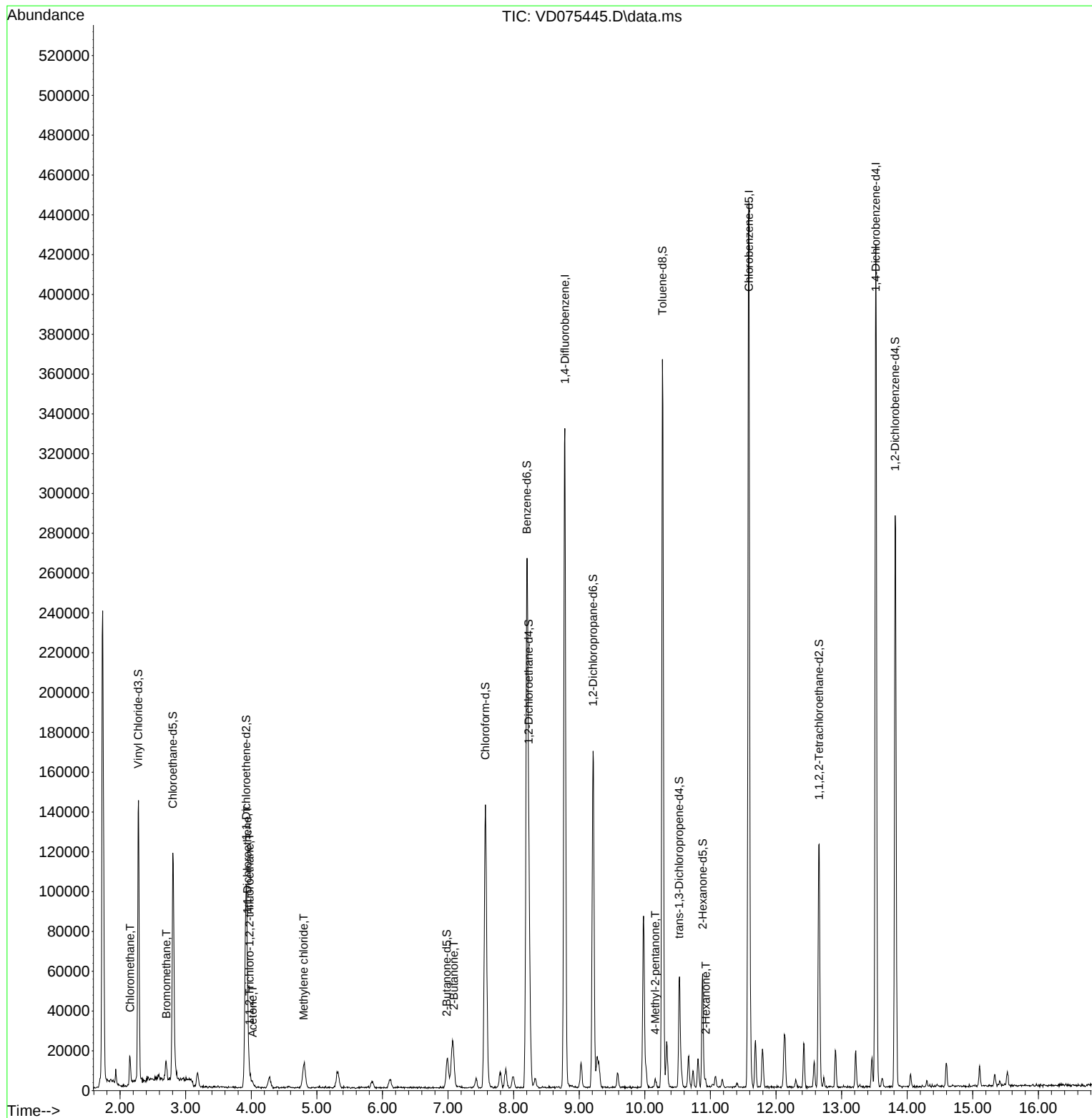
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
Data File : VD075445.D
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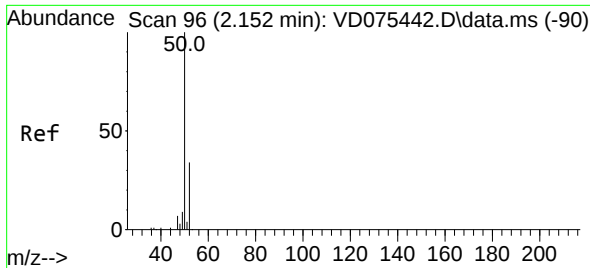
Instrument :
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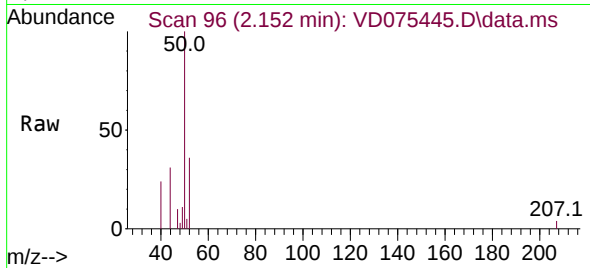
Quant Time: Mar 03 23:34:16 2023
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Quant Title : SFAM01.0
QLast Update : Fri Mar 03 23:23:38 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 1.317 ug/L
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

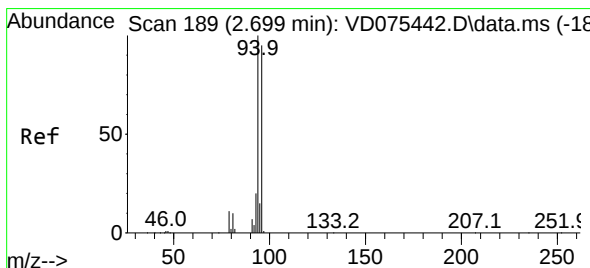
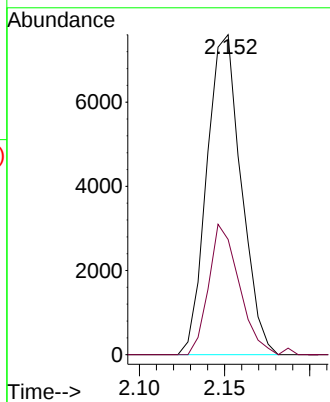
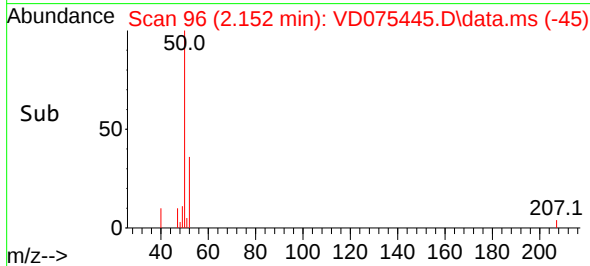
Instrument :
MSVOA_D
ClientSampleId :
MDL04



Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 36.0 23.7 43.9

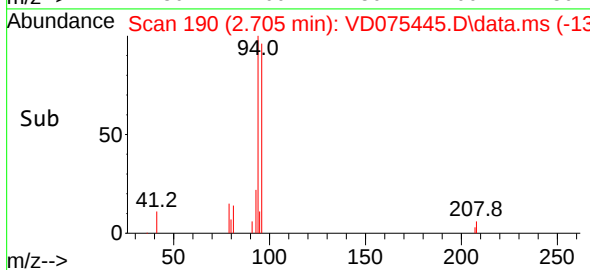
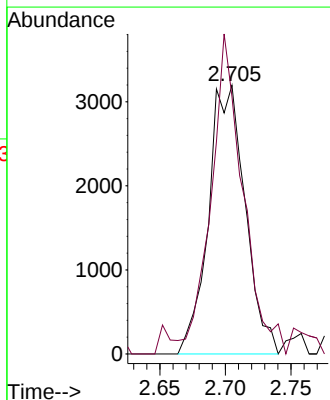
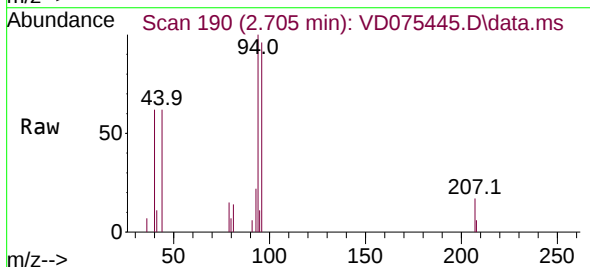
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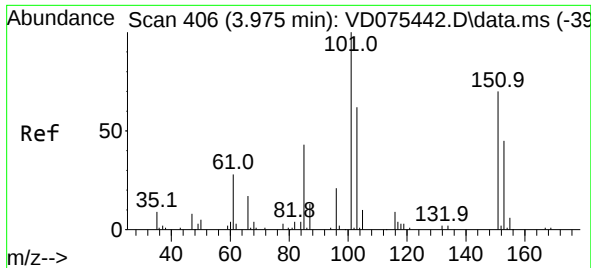
Reviewed By :Krupa Patel 03/06/2023
Supervised By :Mahesh Dadoda 03/06/2023



#6
Bromomethane
Concen: 1.286 ug/L
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion: 94 Resp: 6230
Ion Ratio Lower Upper
94 100
96 95.8 65.9 122.5





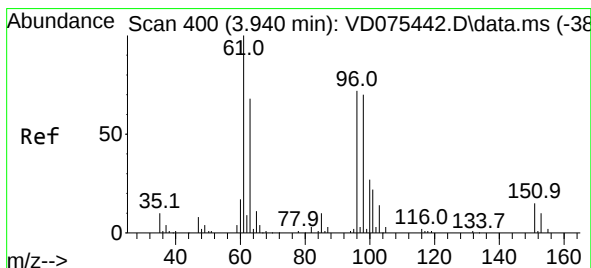
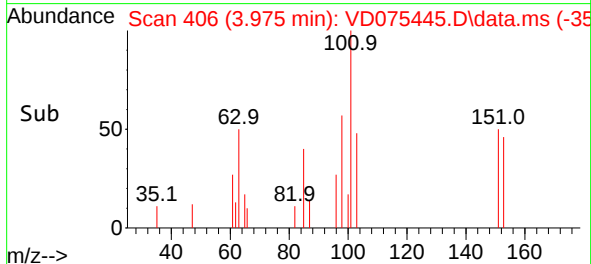
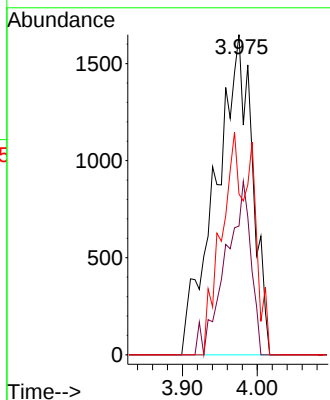
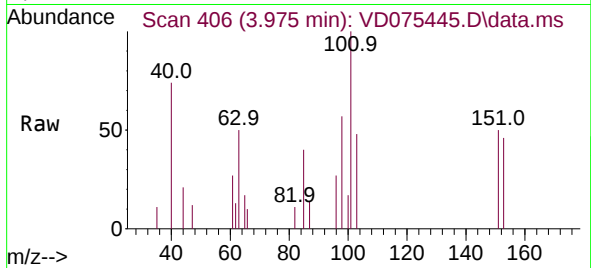
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.062 ug/L m
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 561
Ion Ratio Lower Upper
101 100
85 36.0 34.0 51.0
151 39.2 54.8 82.2

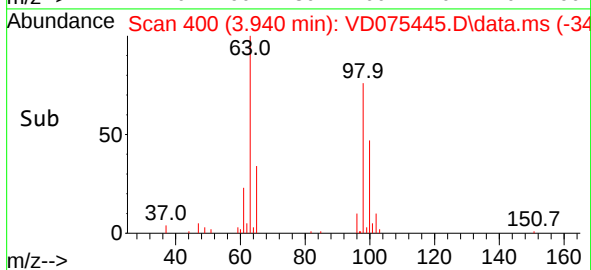
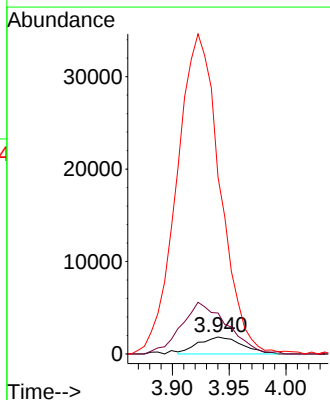
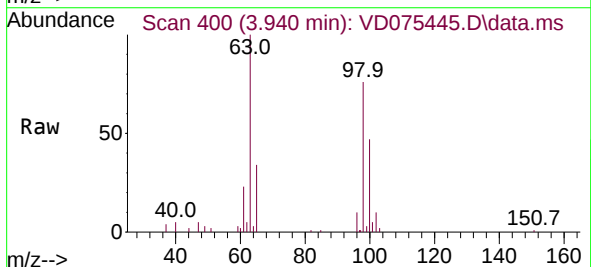
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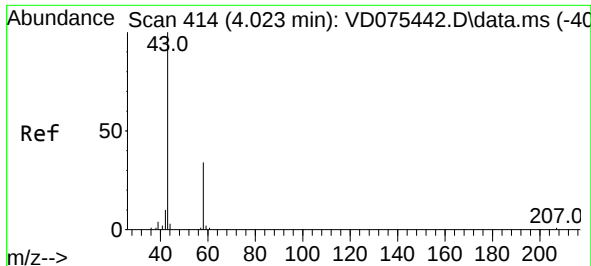
Reviewed By :Krupa Patel 03/06/2023
Supervised By :Mahesh Dadoda 03/06/2023



#12
1,1-Dichloroethene
Concen: 1.049 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

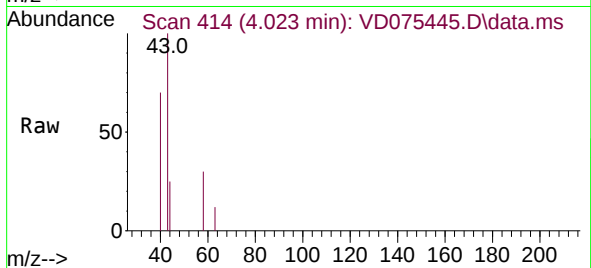
Tgt Ion: 96 Resp: 4882
Ion Ratio Lower Upper
96 100
61 241.4 97.5 181.1#
63 1039.3 62.4 116.0#





#13
Acetone
Concen: 5.221 ug/L m
RT: 4.023 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

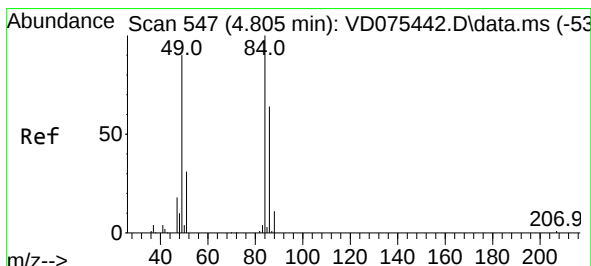
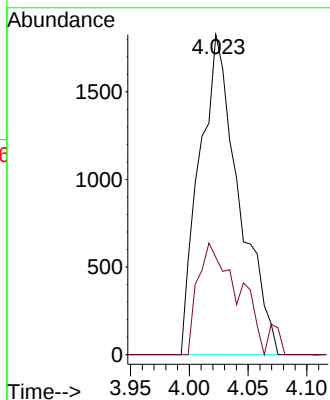
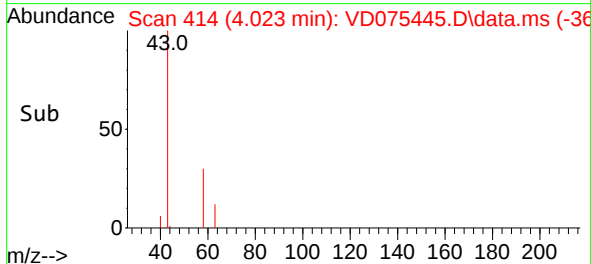
Instrument :
MSVOA_D
ClientSampleId :
MDL04



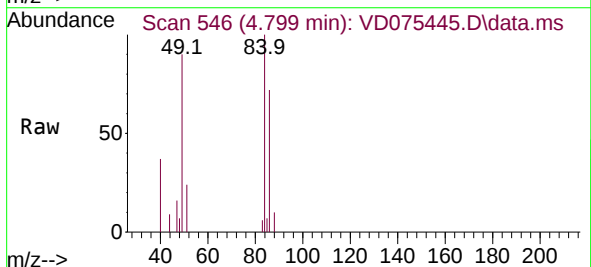
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 27.5 0.0 75.4

Manual Integrations
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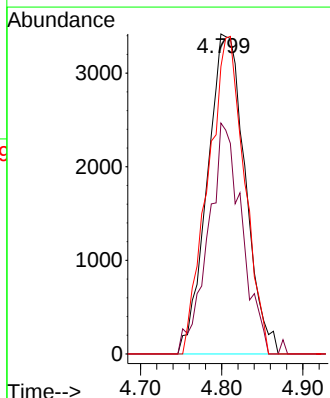
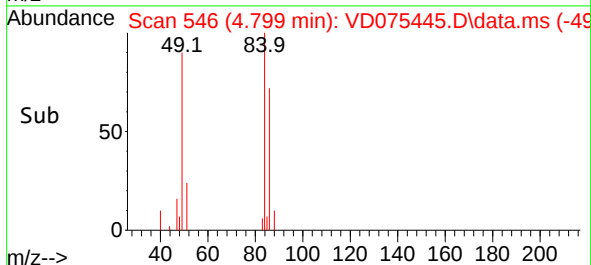
Reviewed By :Krupa Patel 03/06/2023
Supervised By :Mahesh Dadoda 03/06/2023

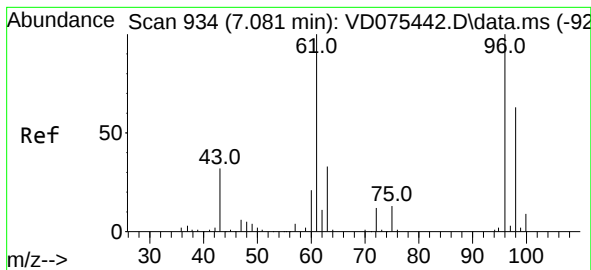


#16
Methylene chloride
Concen: 1.665 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01



Tgt Ion: 84 Resp: 11046
Ion Ratio Lower Upper
84 100
86 72.1 44.2 82.2
49 89.8 63.6 118.2





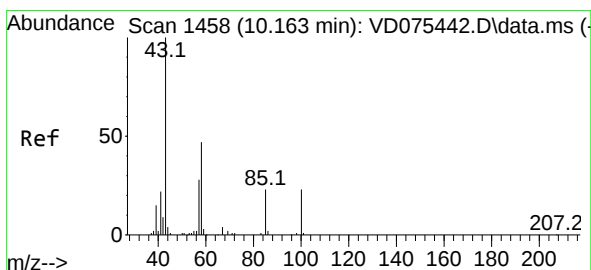
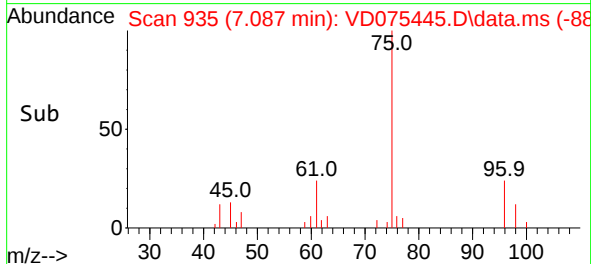
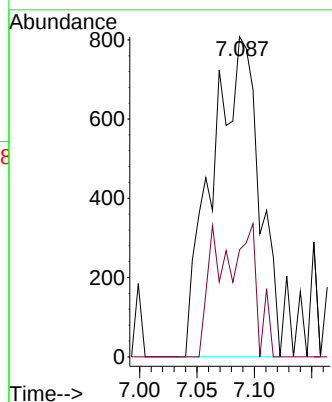
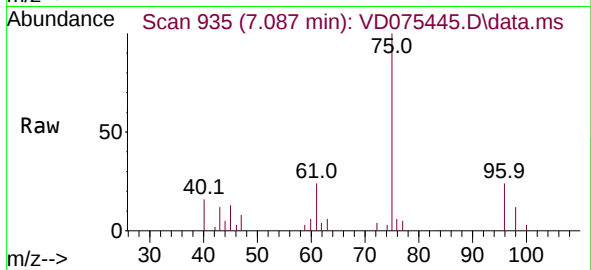
#22
2-Butanone
Concen: 2.221 ug/L m
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
72 13.7 18.3 54.9

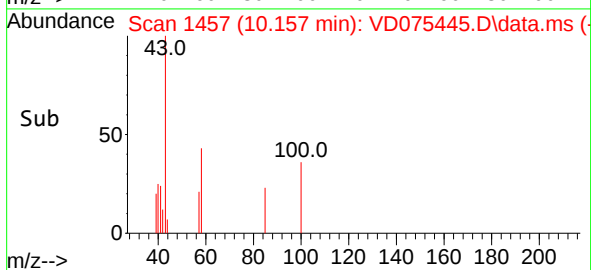
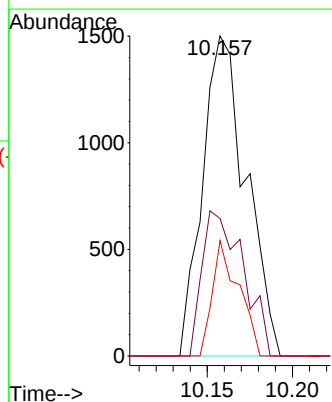
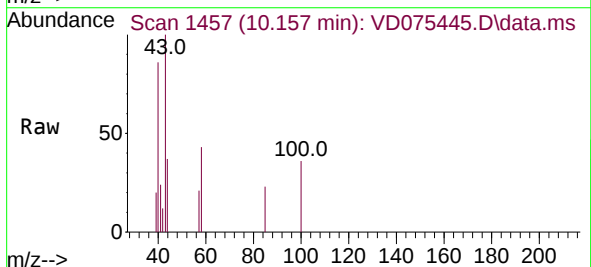
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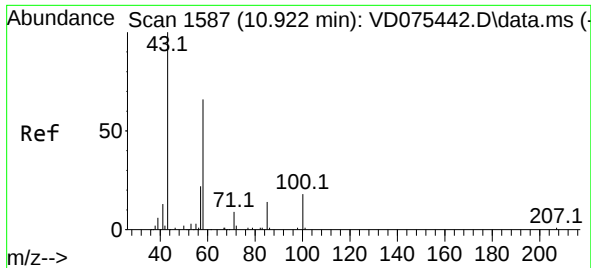
Reviewed By :Krupa Patel 03/06/2023
Supervised By :Mahesh Dadoda 03/06/2023



#40
4-Methyl-2-pentanone
Concen: 1.408 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

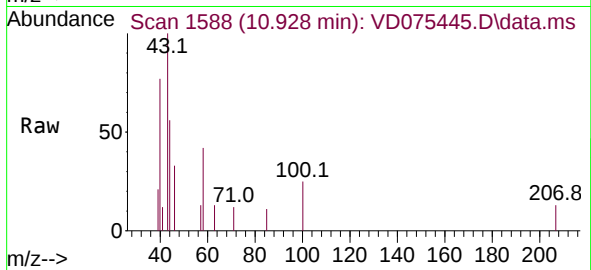
Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
58 42.7 39.0 58.6
100 21.7 18.7 28.1





#48
2-Hexanone
Concen: 1.400 ug/L
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 50.6 53.1 79.7
57 3.2 16.7 25.1
100 9.3 13.5 20.3

Manual Integrations
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