

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033023\
 Data File : VD075544.D
 Acq On : 30 Mar 2023 12:59
 Operator : KP/SY
 Sample : 02121-15RE
 Misc : 4.73G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C1188RE

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/31/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 01:29:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 01:28:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	40063	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	9682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	1247	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	56266	56.563	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 226.240%#			
7) Chloroethane-d5	2.805	69	70719	82.150	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 328.600%#			
11) 1,1-Dichloroethene-d2	3.922	63	31167	33.543	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 134.160%#			
21) 2-Butanone-d5	6.993	46	30150m	327.068	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 654.140%#			
24) Chloroform-d	7.569	84	97858	93.205	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 372.840%#			
26) 1,2-Dichloroethane-d4	8.234	65	22603	49.694	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 198.760%#			
32) Benzene-d6	8.204	84	130987	227.806	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 911.240%#			
36) 1,2-Dichloropropane-d6	9.210	67	59484	366.023	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 1464.080%#			
41) Toluene-d8	10.269	98	35505	67.687	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 270.760%#			
43) trans-1,3-Dichloroprop...	10.522	79	1526	22.978	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.920%			
47) 2-Hexanone-d5	10.881	63	8119	346.305	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 692.620%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	37562	276.312	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 1105.240%#			
66) 1,2-Dichlorobenzene-d4	13.822	152	2182	50.024	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 200.080%#			
Target Compounds						Qvalue
5) Vinyl chloride	2.287	62	22912	17.577	ug/L	95
13) Acetone	4.022	43	1637m	15.720	ug/L	
16) Methylene chloride	4.799	84	2634m	3.113	ug/L	
20) cis-1,2-Dichloroethene	7.087	96	3968m	5.520	ug/L	
30) 1,1,1-Trichloroethane	7.793	97	937	3.599	ug/L #	79
34) Trichloroethene	9.022	95	1262	6.945	ug/L	79
35) Methylcyclohexane	9.275	83	834	2.940	ug/L #	49

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

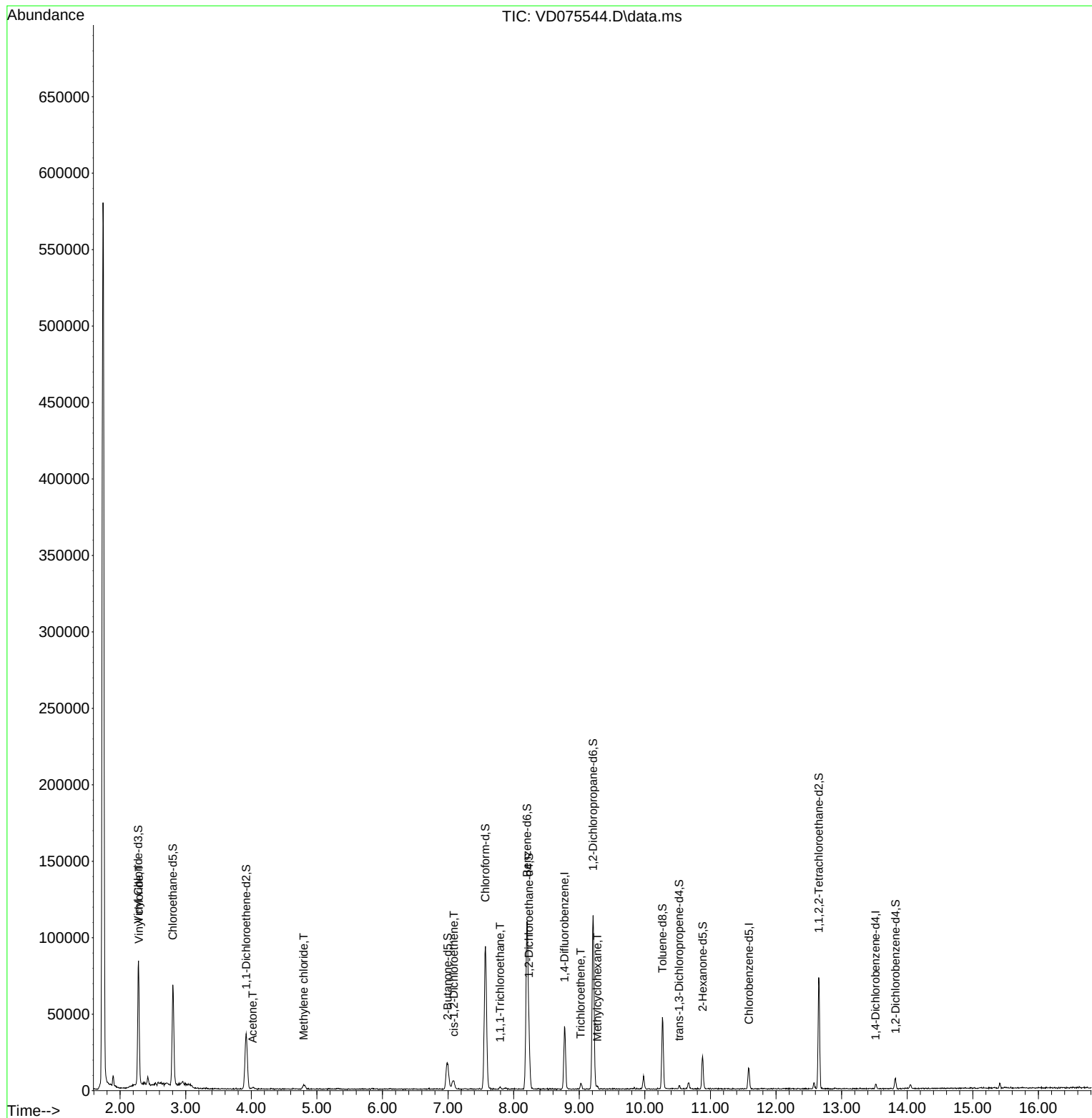
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033023\
Data File : VD075544.D
Acq On : 30 Mar 2023 12:59
Operator : KP/SY
Sample : 02121-15RE
Misc : 4.73G/10.00ml/MSVOA_D/SOIL
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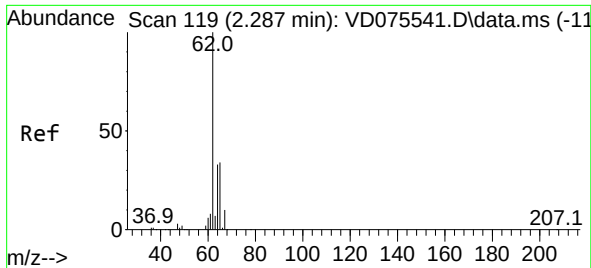
Instrument :
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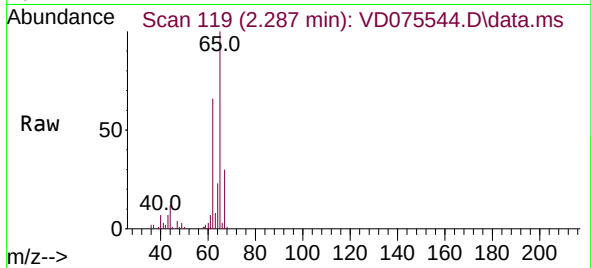
Quant Time: Mar 31 01:29:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 31 01:28:39 2023
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 17.577 ug/L
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075544.D
Acq: 30 Mar 2023 12:59

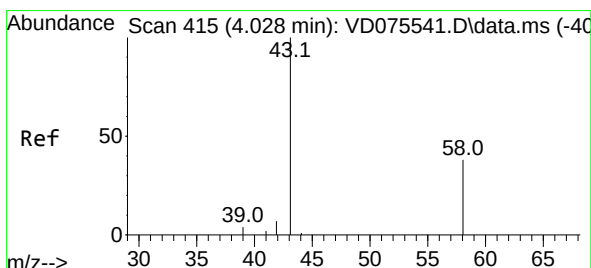
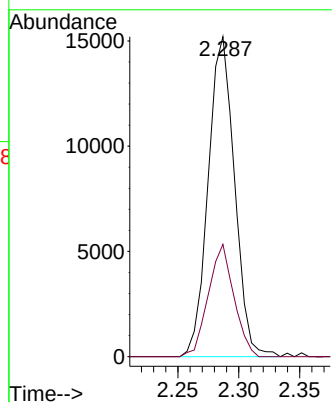
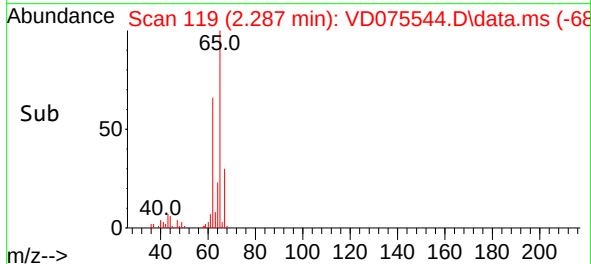
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Tgt Ion: 62 Resp: 2291
Ion Ratio Lower Upper
62 100
64 35.1 22.7 42.3

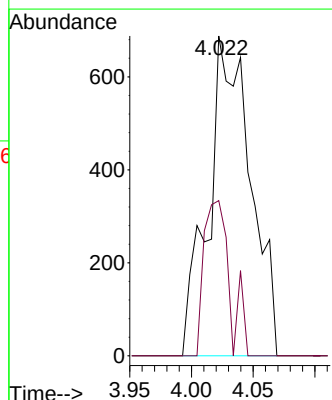
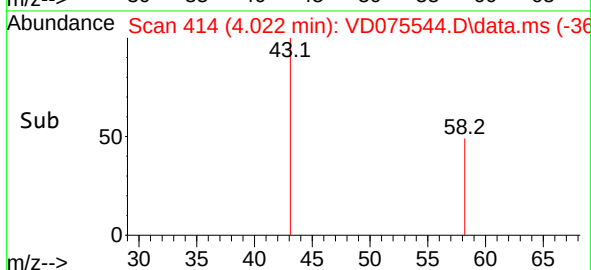
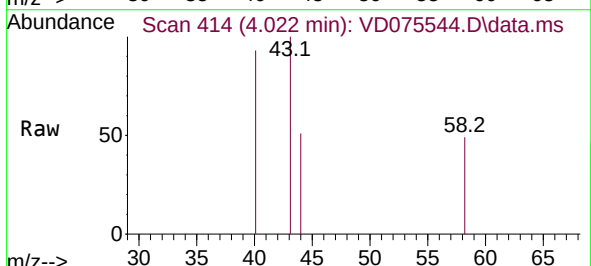
Manual Integrations
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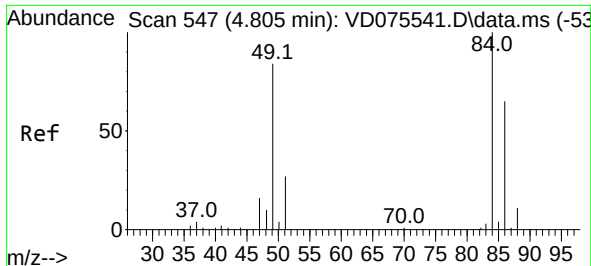
Reviewed By :Krupa Patel 03/31/2023
Supervised By :Mahesh Dadoda 04/03/2023



#13
Acetone
Concen: 15.720 ug/L m
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD075544.D
Acq: 30 Mar 2023 12:59

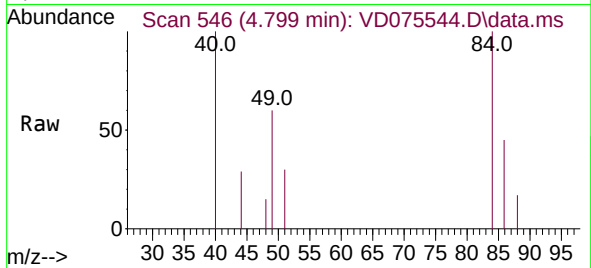
Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
58 25.5 0.0 75.4





#16
Methylene chloride
Concen: 3.113 ug/L m
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD075544.D
Acq: 30 Mar 2023 12:59

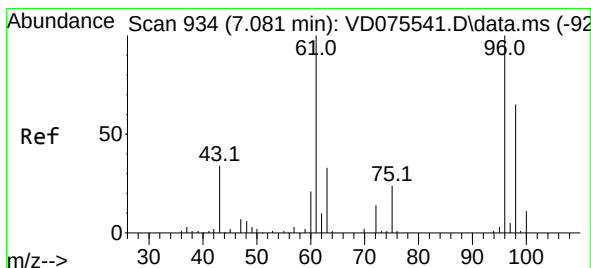
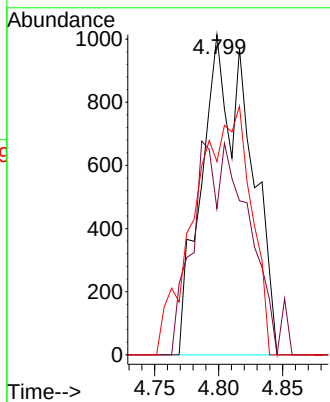
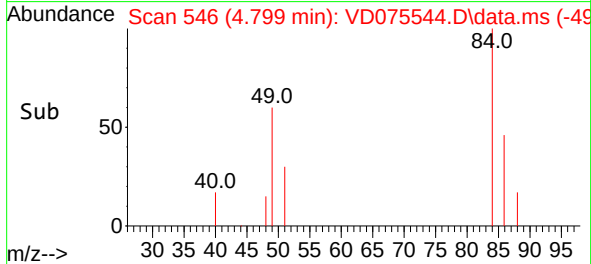
Instrument :
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Tgt Ion: 84 Resp: 2634
Ion Ratio Lower Upper
84 100
86 45.7 44.2 82.2
49 60.4 63.6 118.2

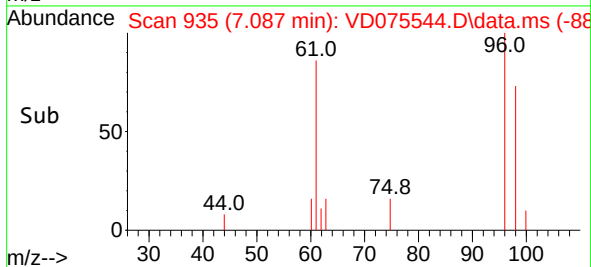
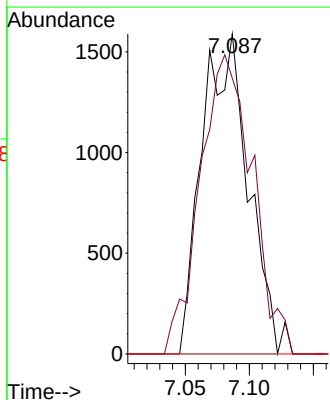
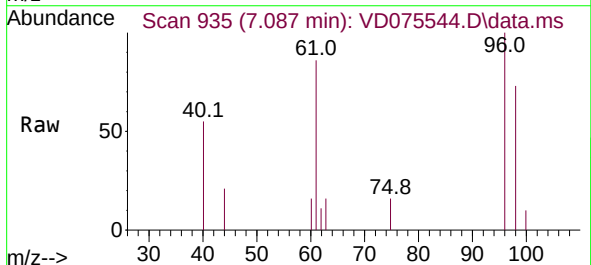
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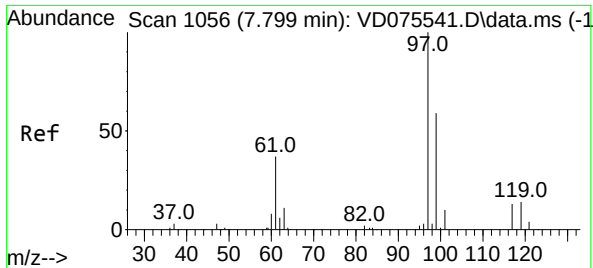
Reviewed By :Krupa Patel 03/31/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
cis-1,2-Dichloroethene
Concen: 5.520 ug/L m
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD075544.D
Acq: 30 Mar 2023 12:59

Tgt Ion: 96 Resp: 3968
Ion Ratio Lower Upper
96 100
61 86.2 73.9 137.3
68 0.0 0.0 0.0





#30
1,1,1-Trichloroethane
Concen: 3.599 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075544.D
Acq: 30 Mar 2023 12:59

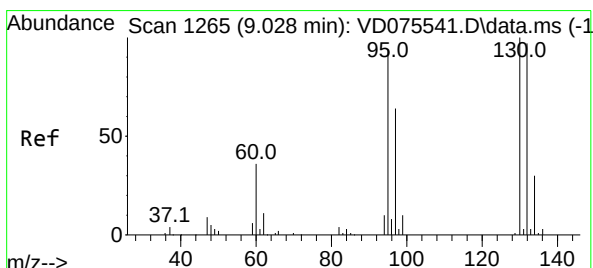
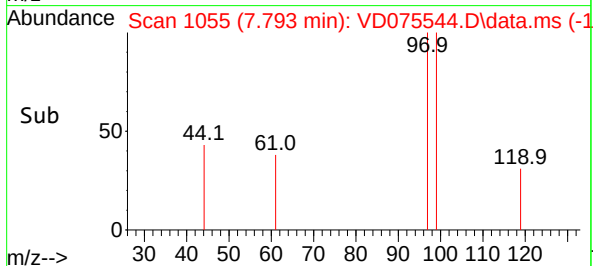
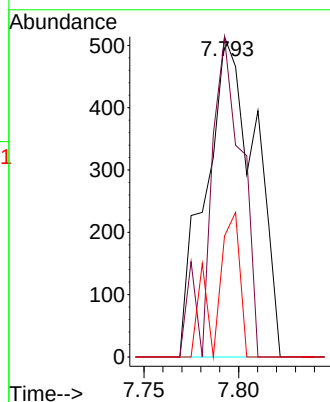
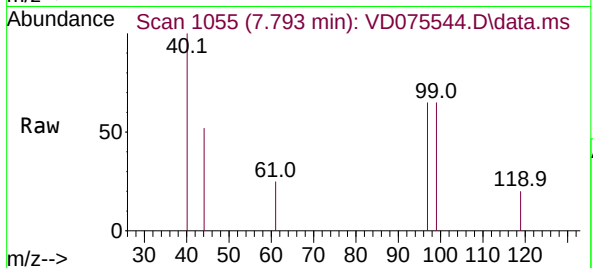
Instrument :
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Tgt Ion: 97 Resp: 93

Ion	Ratio	Lower	Upper
97	100		
99	57.7	51.0	76.4
61	16.0	34.0	51.0

Manual Integrations
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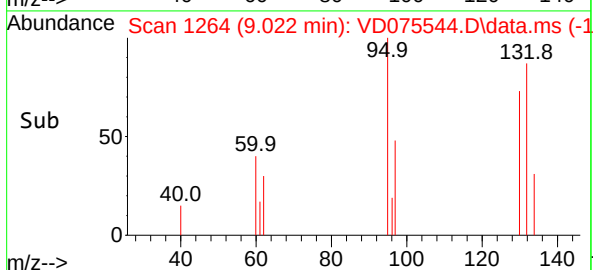
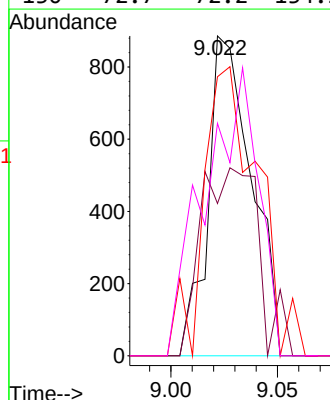
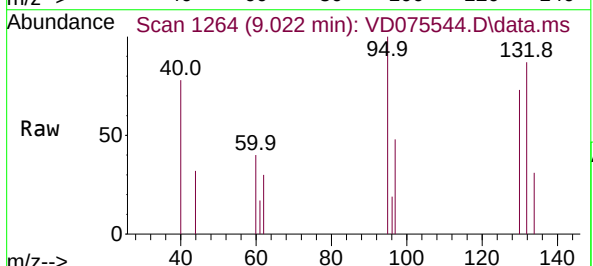
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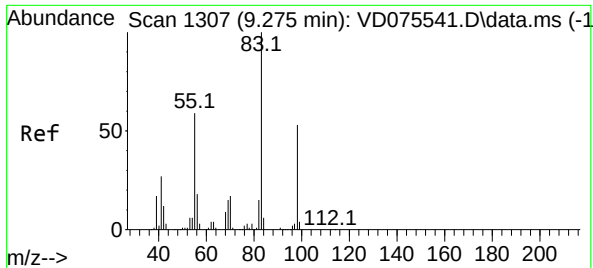


#34
Trichloroethene
Concen: 6.945 ug/L
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD075544.D
Acq: 30 Mar 2023 12:59

Tgt Ion: 95 Resp: 1262

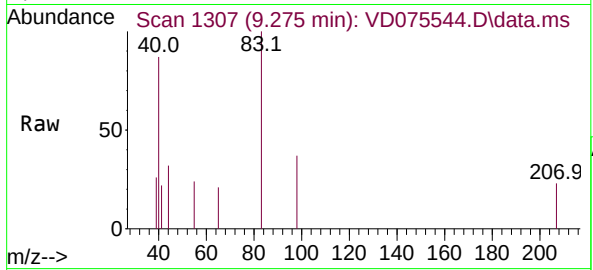
Ion	Ratio	Lower	Upper
95	100		
97	47.6	44.7	83.1
132	87.2	70.0	130.0
130	72.7	72.2	134.2





#35
Methylcyclohexane
Concen: 2.940 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075544.D
Acq: 30 Mar 2023 12:59

Instrument :
MSVOA_D
ClientSampleId :
C1188RE



Tgt Ion:	83	Resp:	834
Ion	Ratio	Lower	Upper
83	100		
55	28.2	49.3	73.9
98	7.9	39.8	59.6

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