

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027645.D
 Acq On : 01 Sep 2022 03:34
 Operator : SY/MD
 Sample : N4370-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F03

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 04:17:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.590	114	141962	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.860	117	117310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	67789	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.558	69	57604	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.098	63	103866	3.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.963	46	143156m	54.902	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.800%
24) Chloroform-d	4.355	84	126212	4.077	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.031	65	68998	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.037	84	236010	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.050	67	81039	5.452	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.333	98	180586	4.340	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.641	79	20261	4.425	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.117	63	70514	40.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.900%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	45192	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54848	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
2) Dichlorodifluoromethane	1.124	85	2917	0.151	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	18511	0.731	ug/L	98
18) trans-1,2-Dichloroethene	2.748	96	1863	0.139	ug/L	97
34) Trichloroethene	5.879	95	50466	4.487	ug/L	97
47) Tetrachloroethene	7.989	164	1459	0.160	ug/L	75

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

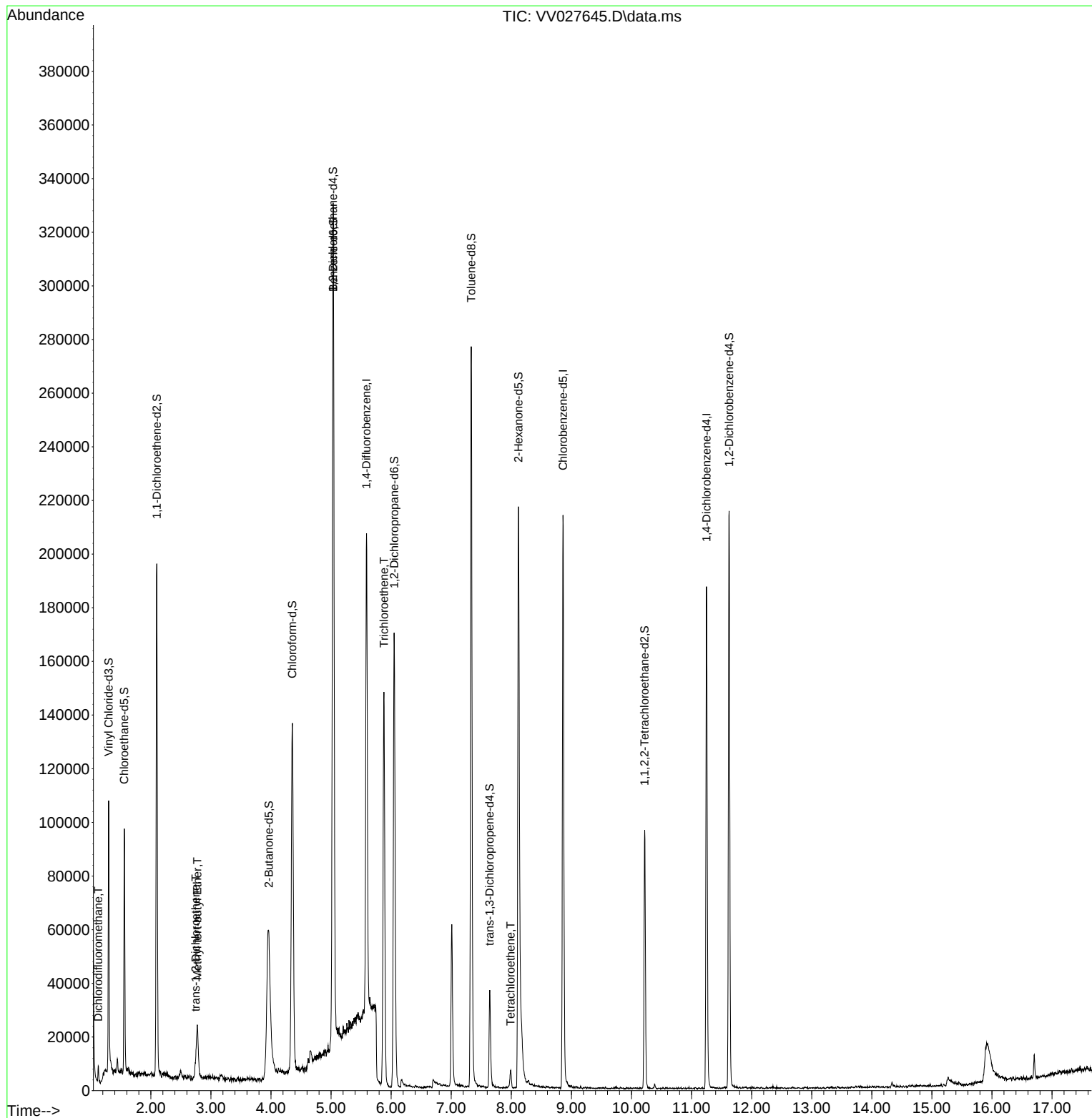
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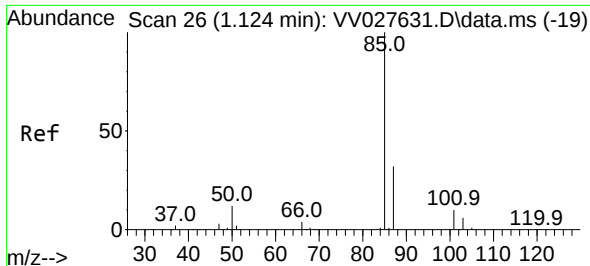
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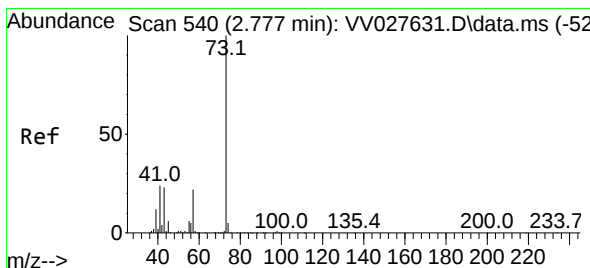
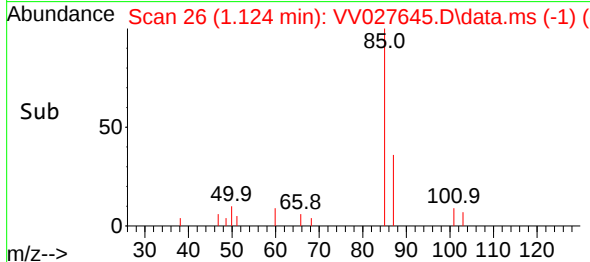
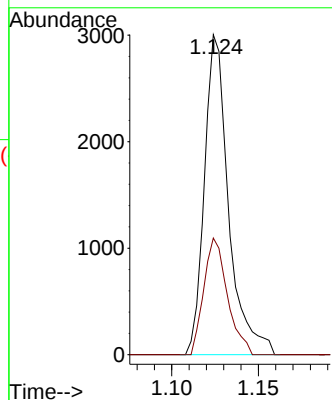
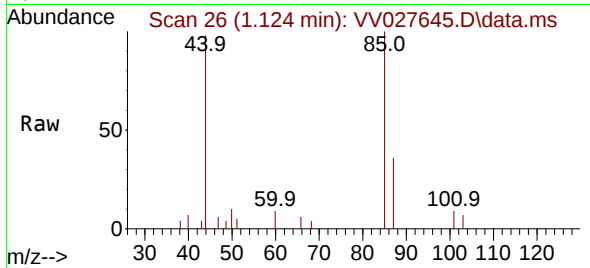
#2
 Dichlorodifluoromethane
 Concen: 0.151 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV027645.D
 Acq: 01 Sep 2022 03:34

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F03

Tgt Ion: 85 Resp: 291
 Ion Ratio Lower Upper
 85 100
 87 35.6 26.2 39.4

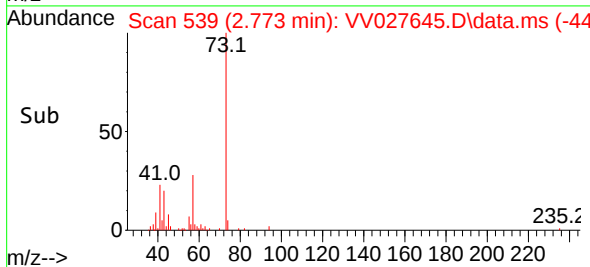
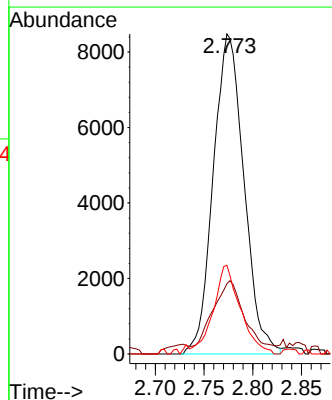
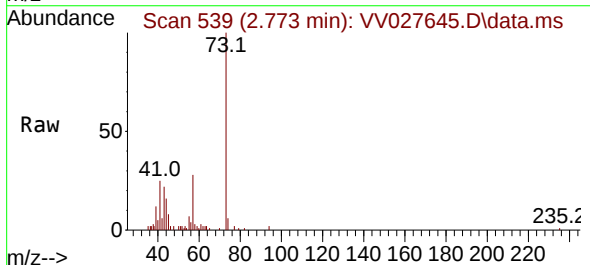
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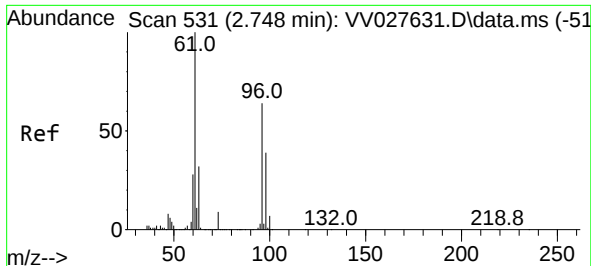
Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#17
 Methyl tert-butyl Ether
 Concen: 0.731 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. -0.003 min
 Lab File: VV027645.D
 Acq: 01 Sep 2022 03:34

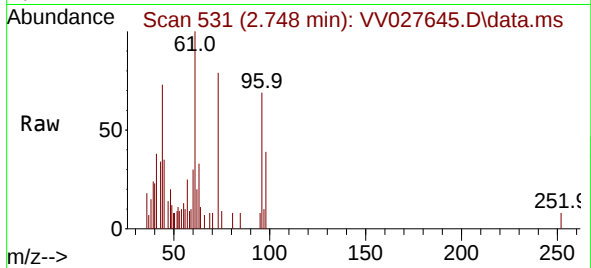
Tgt Ion: 73 Resp: 18511
 Ion Ratio Lower Upper
 73 100
 43 20.7 16.5 24.7
 57 24.5 18.2 27.2





#18
trans-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 2.748 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027645.D
Acq: 01 Sep 2022 03:34

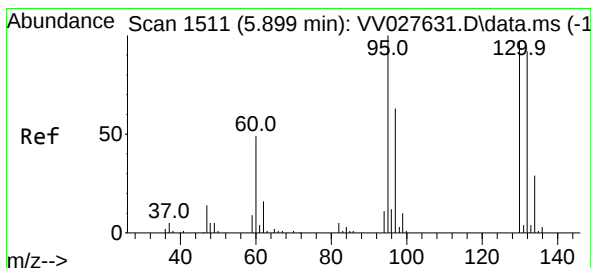
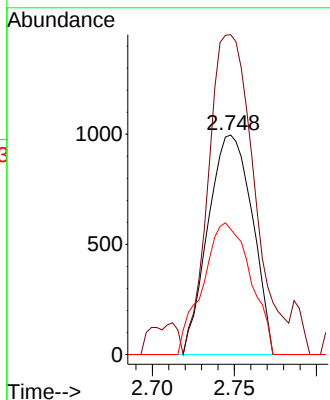
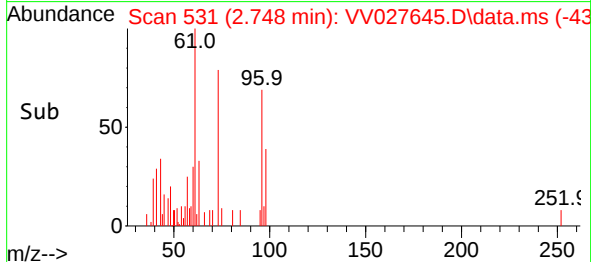
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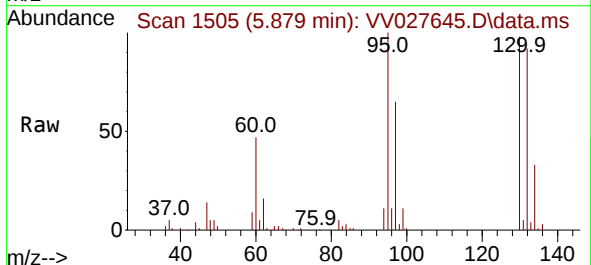
Tgt Ion: 96 Resp: 186
Ion Ratio Lower Upper
96 100
61 145.6 101.8 189.0
98 57.1 44.9 83.3

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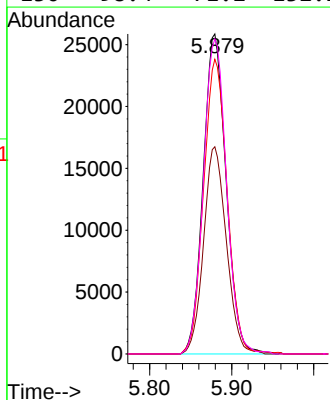
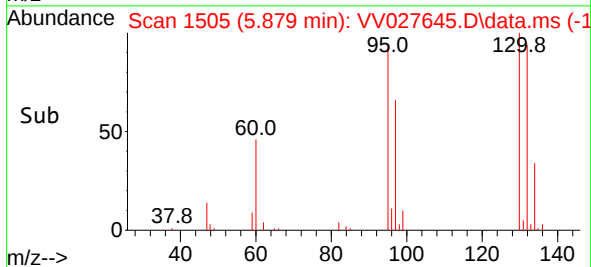
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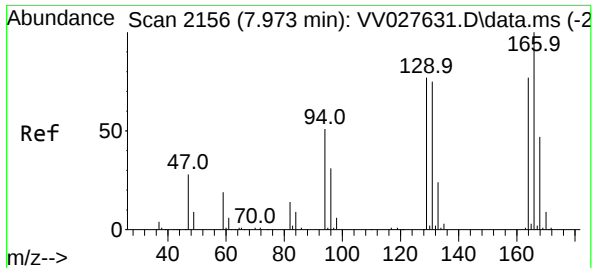


#34
Trichloroethene
Concen: 4.487 ug/L
RT: 5.879 min Scan# 1505
Delta R.T. -0.019 min
Lab File: VV027645.D
Acq: 01 Sep 2022 03:34



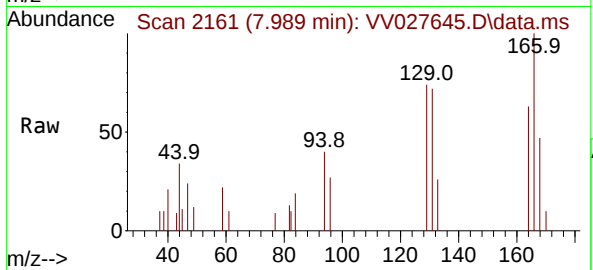
Tgt Ion: 95 Resp: 50466
Ion Ratio Lower Upper
95 100
97 64.8 46.1 85.5
132 92.1 67.3 125.1
130 98.4 71.2 132.2





#47
Tetrachloroethene
Concen: 0.160 ug/L
RT: 7.989 min Scan# 2156
Delta R.T. 0.016 min
Lab File: VV027645.D
Acq: 01 Sep 2022 03:34

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 1459

Ion	Ratio	Lower	Upper
164	100		
129	117.1	65.9	122.3
131	113.9	64.5	119.7
166	158.7	88.8	165.0

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