

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023488.D
 Acq On : 15 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4617-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG206

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 16 00:34:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41053	5.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%
7) Chloroethane-d5	1.568	69	32688	5.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.108	63	56224	4.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.892	46	70610	55.695	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.400%
24) Chloroform-d	4.352	84	77611	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.034	65	37570	5.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.050	84	150179	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.072	67	44426	5.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.317	98	133852	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.625	79	16102	4.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.091	63	46282	37.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27494	4.312	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	49741	5.853	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	1821	0.159	ug/L	96
9) Trichlorofluoromethane	1.754	101	2335	0.160	ug/L	99
13) Acetone	2.172	43	1716m	2.215	ug/L	
17) Methyl tert-butyl Ether	2.773	73	3281	0.213	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	9373	1.088	ug/L	96
19) 1,1-Dichloroethane	3.198	63	1474	0.101	ug/L #	86
22) cis-1,2-Dichloroethene	3.915	96	18361	2.216	ug/L #	90
34) Trichloroethene	5.915	95	101756	11.663	ug/L	97
47) Tetrachloroethene	7.976	164	15575	2.060	ug/L	98

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

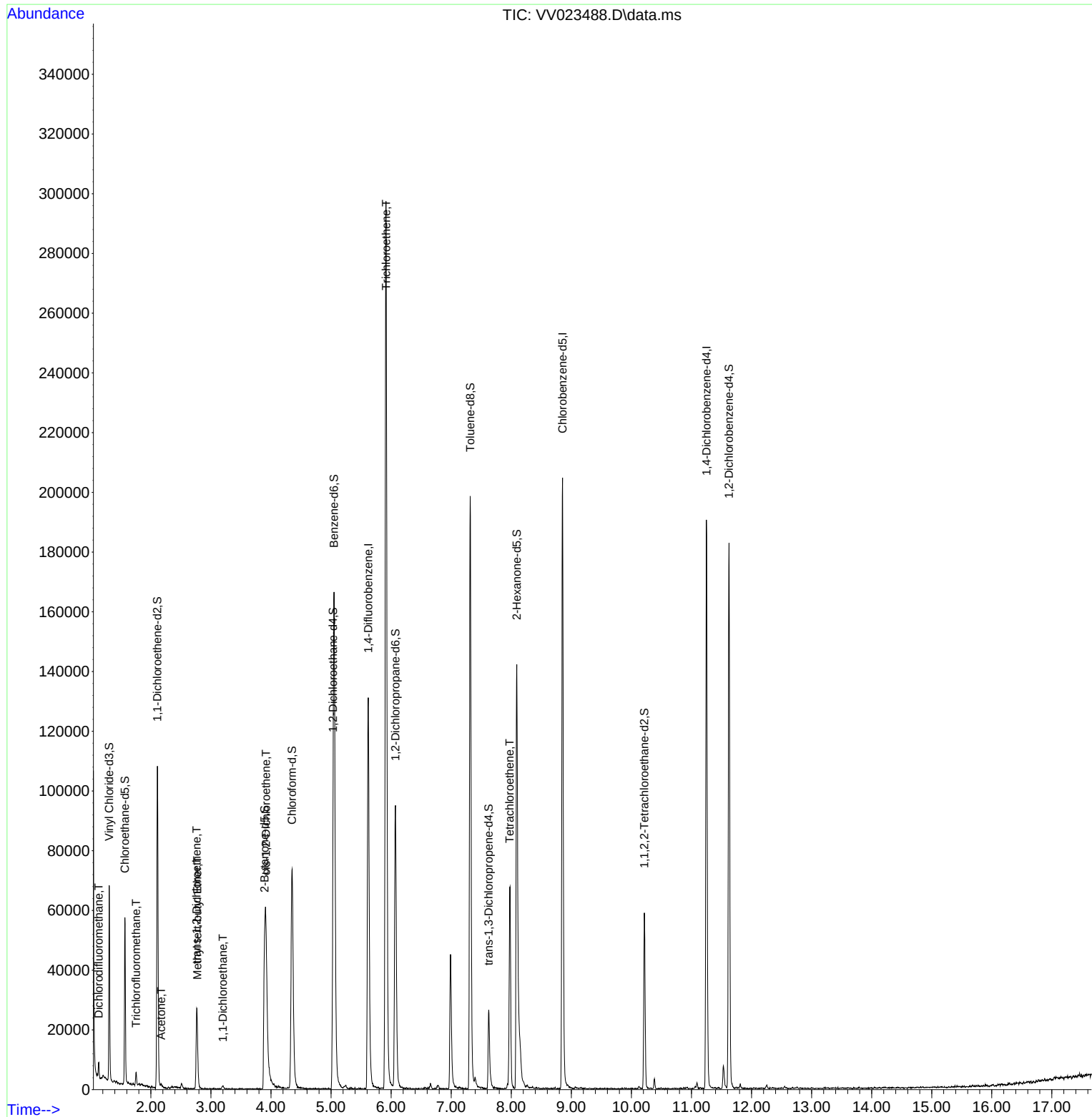
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023488.D
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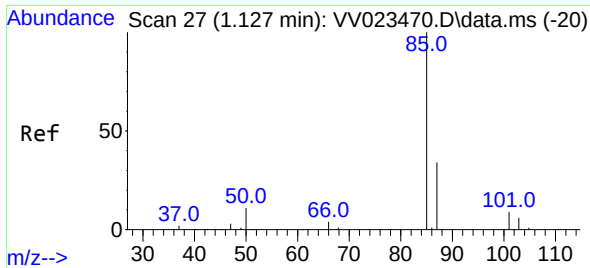
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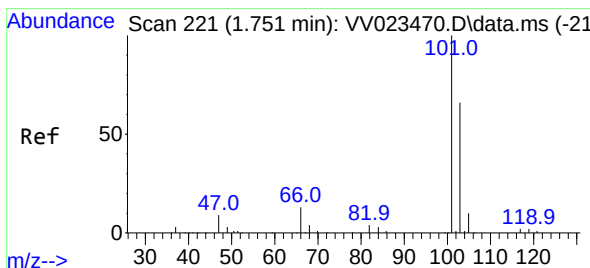
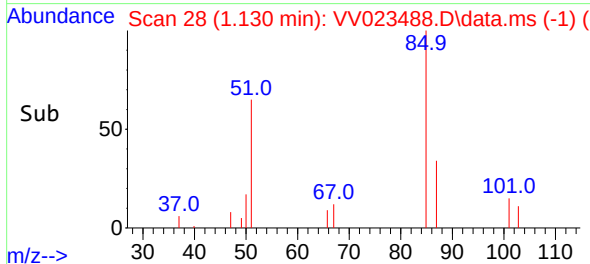
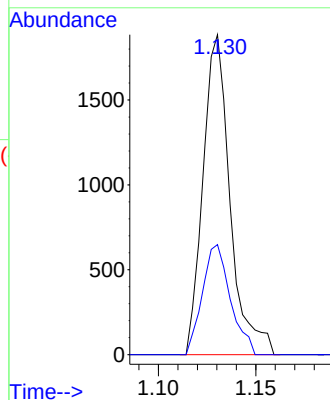
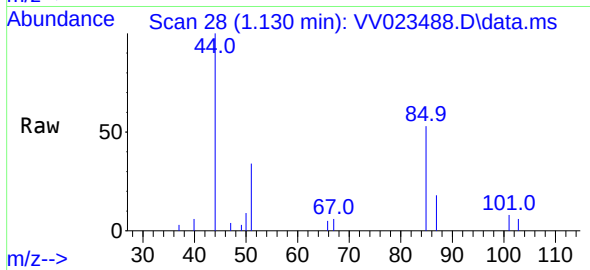
#2
Dichlorodifluoromethane
Concen: 0.159 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30

Instrument :
MSVOA_V
ClientSampleId :
BG206

Tgt Ion: 85 Resp: 182
Ion Ratio Lower Upper
85 100
87 35.6 26.6 39.8

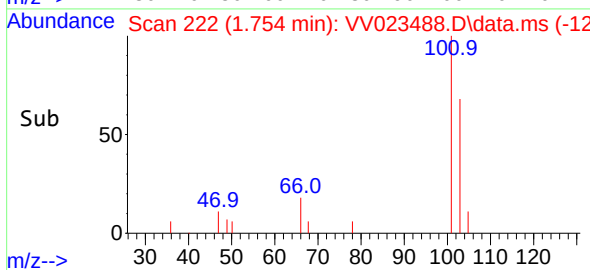
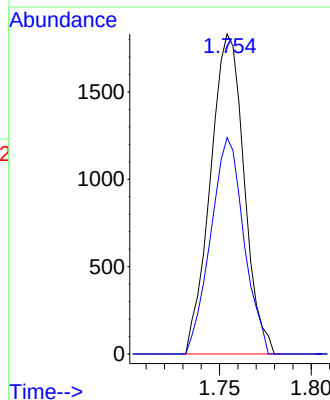
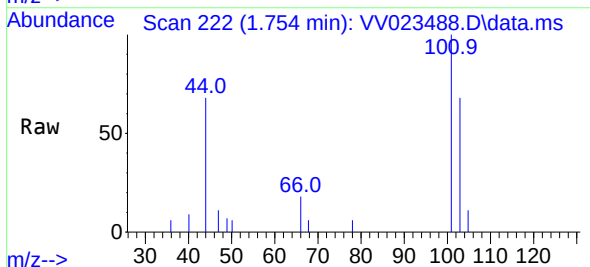
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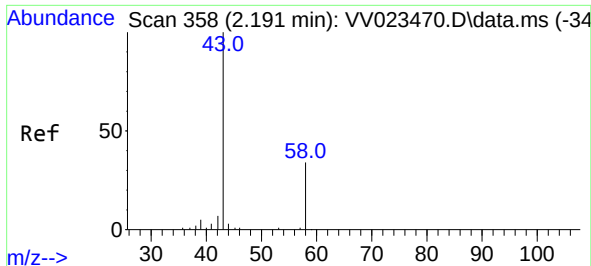
Reviewed By :John Carlone 11/16/2021
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#9
Trichlorofluoromethane
Concen: 0.160 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30

Tgt Ion:101 Resp: 2335
Ion Ratio Lower Upper
101 100
103 66.7 52.6 79.0





#13

Acetone

Concen: 2.215 ug/L m

RT: 2.172 min Scan# 3

Delta R.T. -0.019 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

BG206

Tgt Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

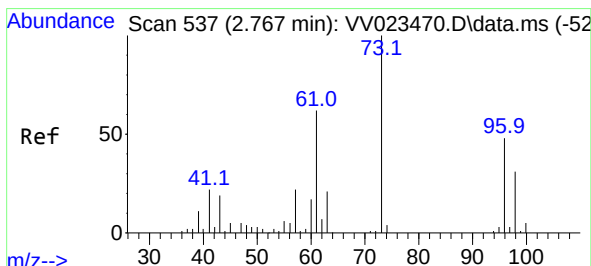
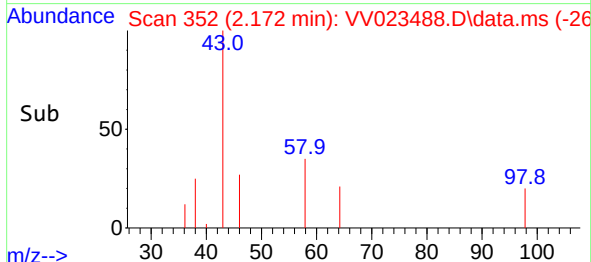
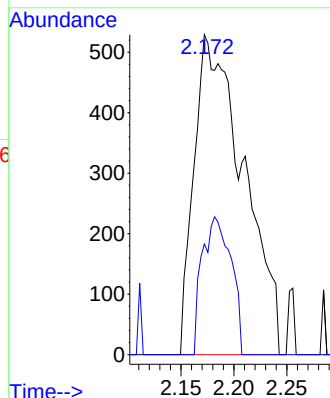
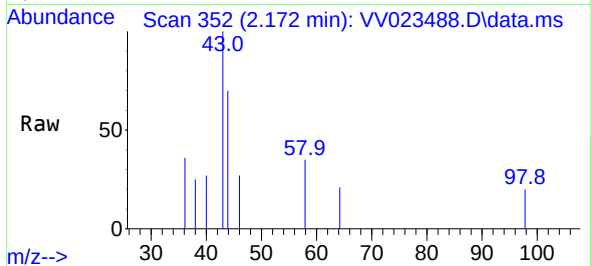
58 1.3 0.0 55.4

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#17

Methyl tert-butyl Ether

Concen: 0.213 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.006 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

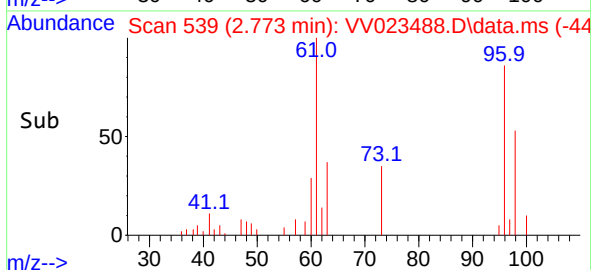
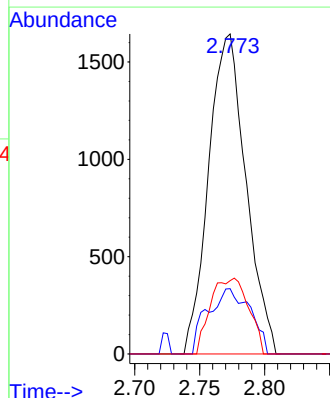
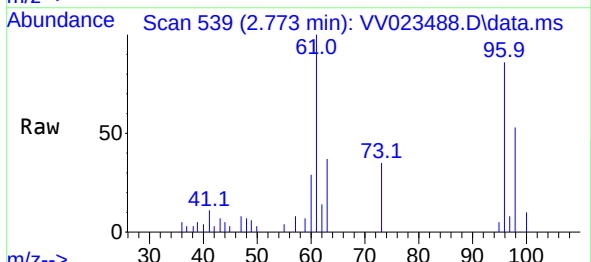
Tgt Ion: 73 Resp: 3281

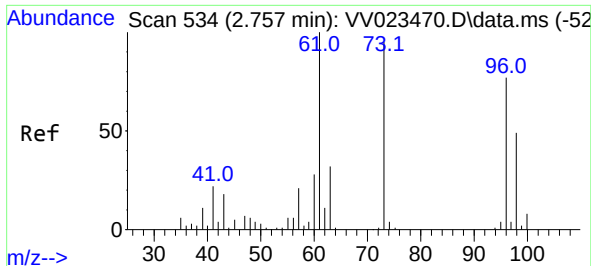
Ion Ratio Lower Upper

73 100

43 23.3 17.4 26.0

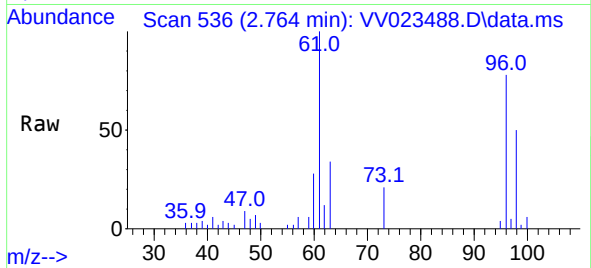
57 24.1 16.5 24.7





#18
trans-1,2-Dichloroethene
Concen: 1.088 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30

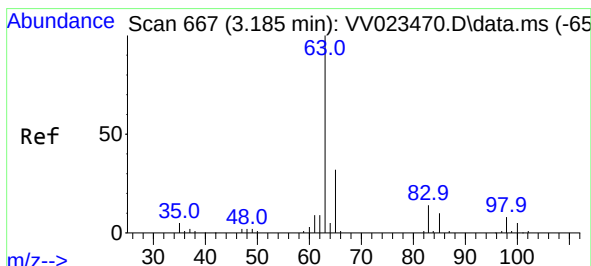
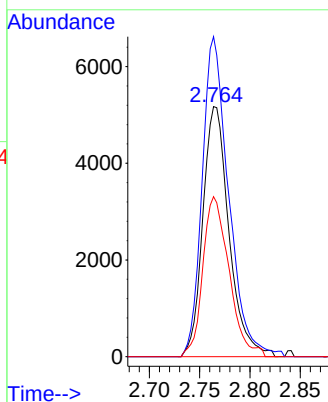
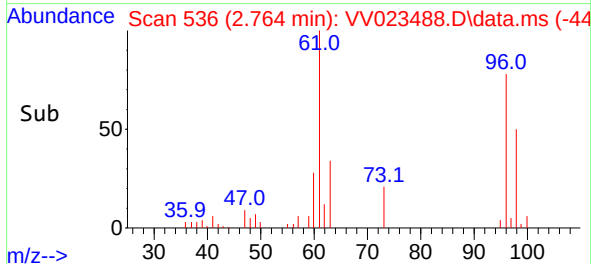
Instrument :
MSVOA_V
ClientSampleId :
BG206



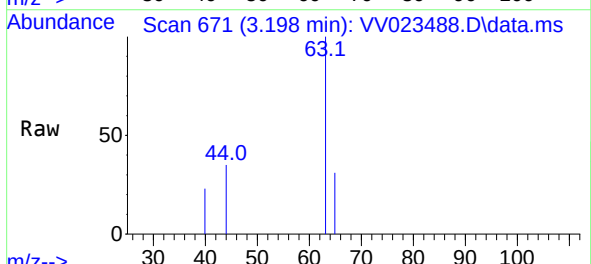
Tgt Ion: 96 Resp: 937
Ion Ratio Lower Upper
96 100
61 128.0 93.2 173.2
98 64.0 47.0 87.2

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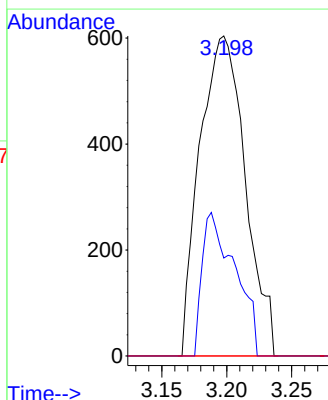
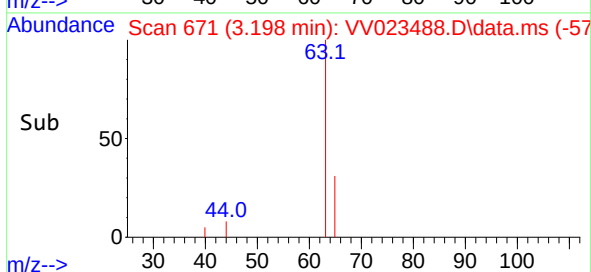
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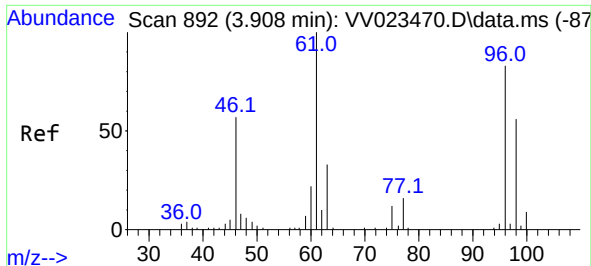


#19
1,1-Dichloroethane
Concen: 0.101 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.013 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30



Tgt Ion: 63 Resp: 1474
Ion Ratio Lower Upper
63 100
65 30.6 22.6 42.0
83 0.0 11.1 20.7#





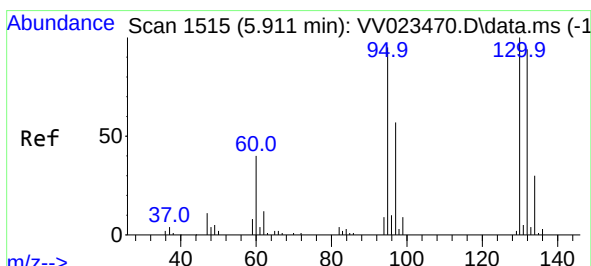
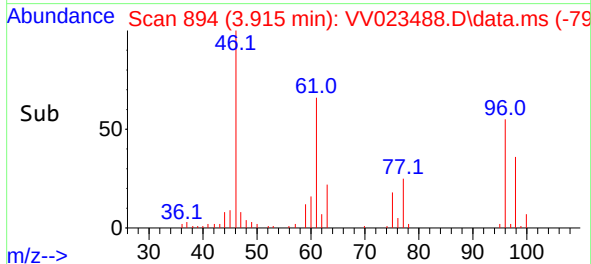
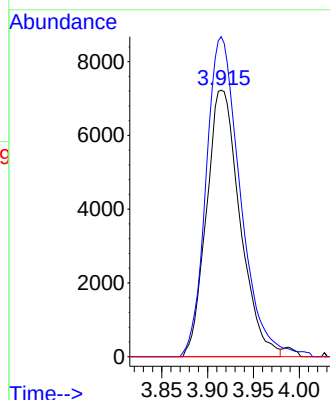
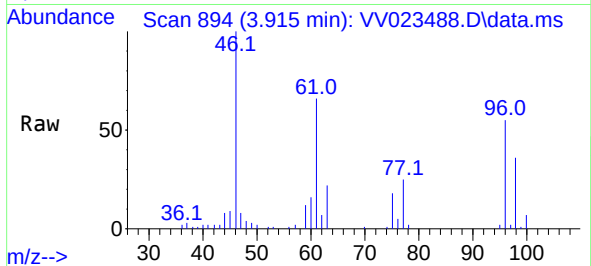
#22
cis-1,2-Dichloroethene
Concen: 2.216 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30

Instrument :
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Tgt Ion: 96 Resp: 1836
Ion Ratio Lower Upper
96 100
61 120.0 92.3 171.3
68 0.0 0.4 0.8

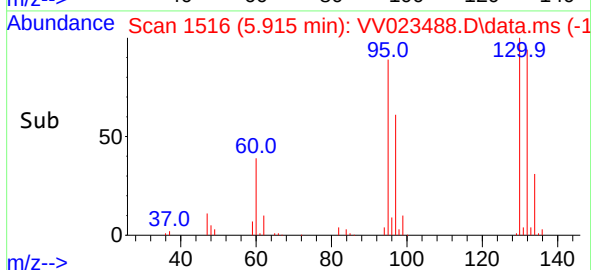
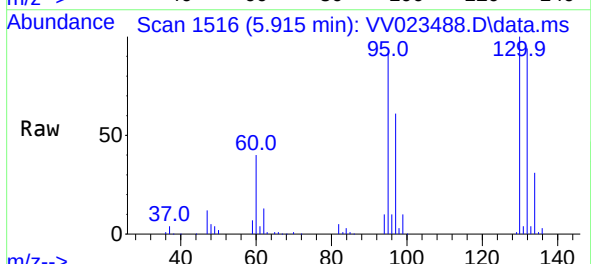
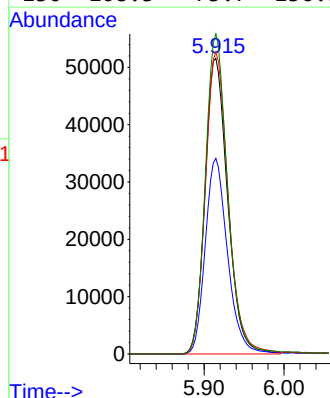
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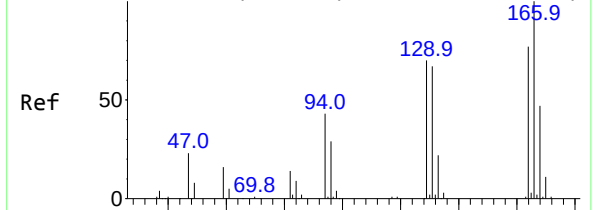


#34
Trichloroethene
Concen: 11.663 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30

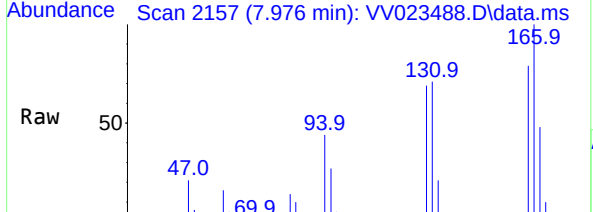
Tgt Ion: 95 Resp: 101756
Ion Ratio Lower Upper
95 100
97 66.2 45.0 83.6
132 102.2 69.7 129.4
130 108.3 73.7 136.9



Abundance Scan 2156 (7.972 min): VV023470.D\data.ms (-2



Abundance Scan 2157 (7.976 min): VV023488.D\data.ms



Abundance Scan 2157 (7.976 min): VV023488.D\data.ms (-2



#47
Tetrachloroethene
Concen: 2.060 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30

Instrument :
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Tgt Ion:164	Resp:	1557
Ion	Ratio	Lower Upper
164	100	
129	86.8	64.0 119.0
131	90.0	63.4 117.8
166	125.9	89.3 165.9

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