

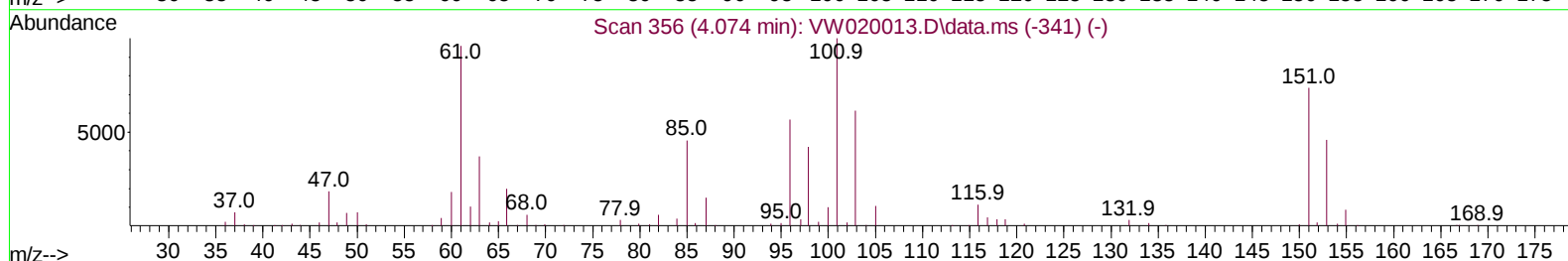
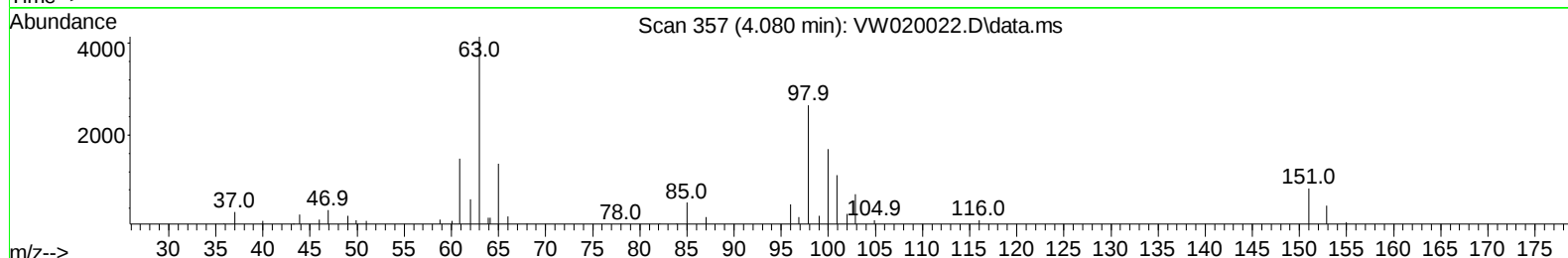
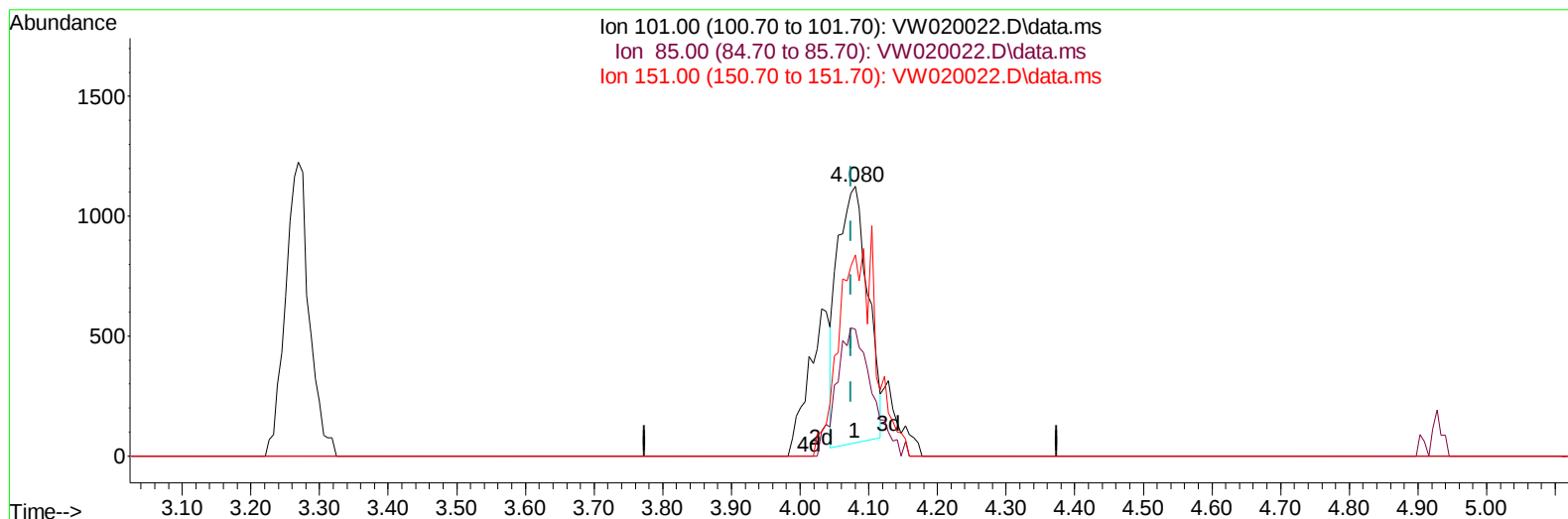
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
Data File : VW020022.D
Acq On : 14 Sep 2021 21:07
Operator : SY/VA
Sample : MDL01
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL01

Manual Integrations
APPROVED

MMDadoda
9/17/2021 2:31:22 PM

Quant Time: Sep 15 03:59:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 15 03:16:46 2021
Response via : Initial Calibration



TIC: VW020022.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.080min (+ 0.006) 0.80 ug/L

response 3278

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	47.70	54.39
151.00	70.80	58.27
0.00	0.00	0.00

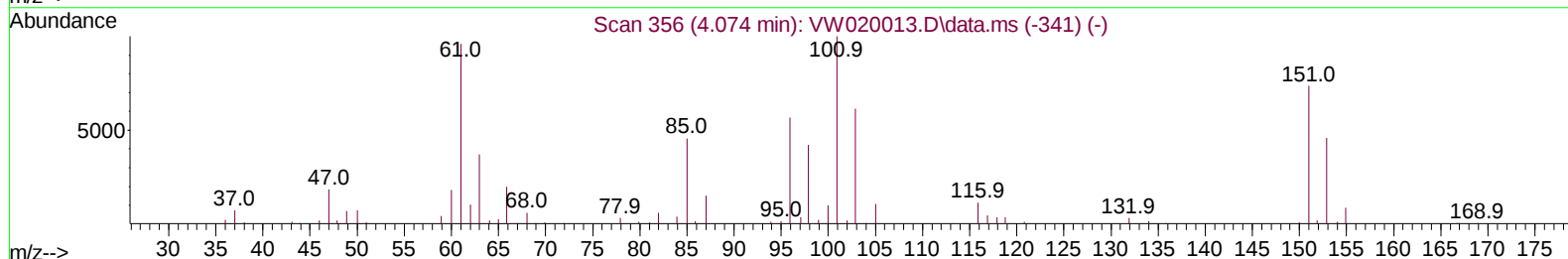
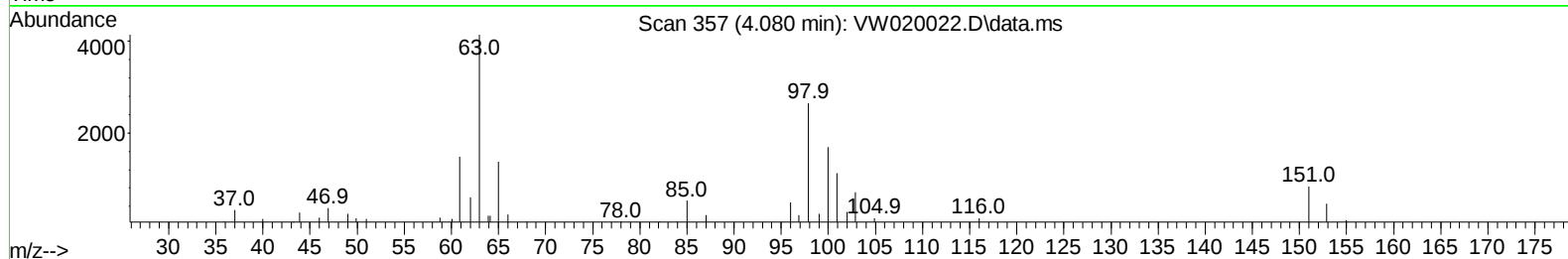
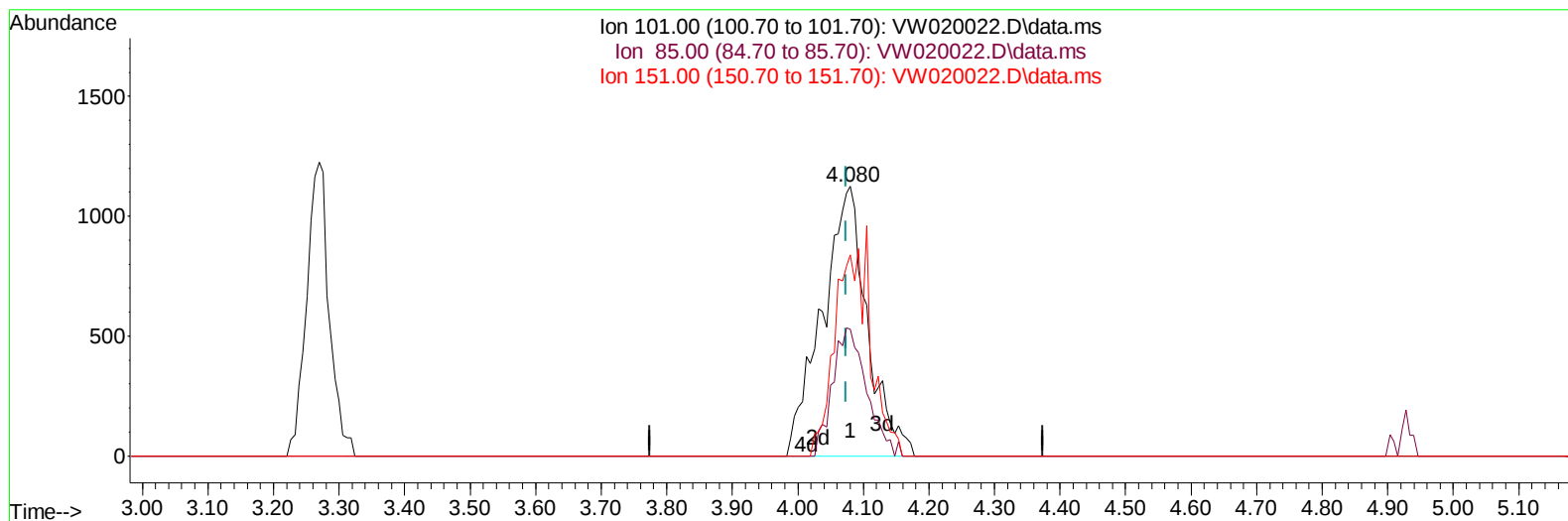
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
Data File : VW020022.D
Acq On : 14 Sep 2021 21:07
Operator : SY/VA
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TIC: VW020022.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.080min (+ 0.006) 1.31 ug/L m

response 5370

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	47.70	33.20#
151.00	70.80	35.57#
0.00	0.00	0.00

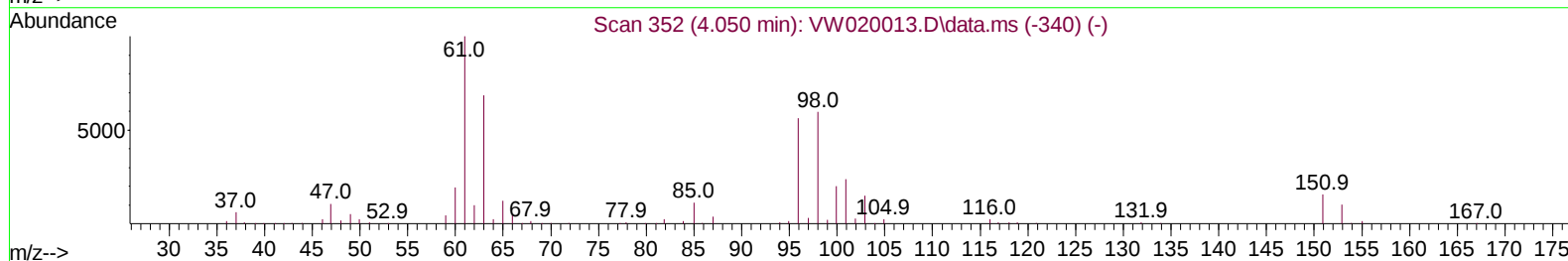
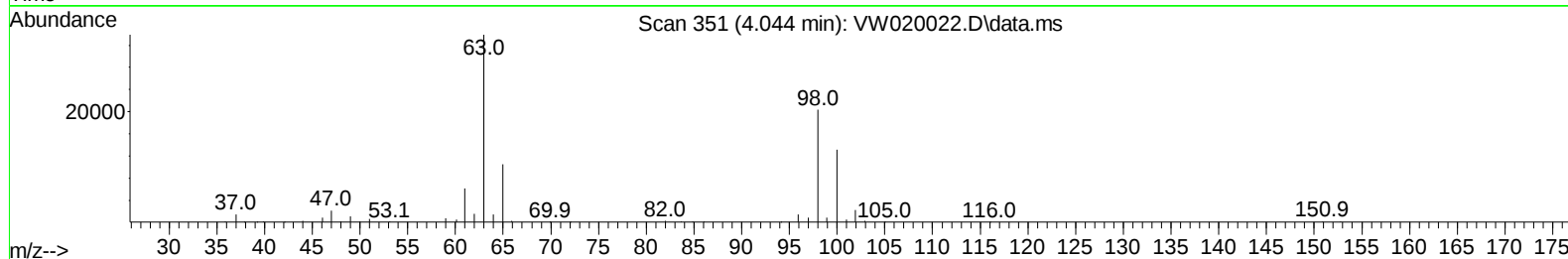
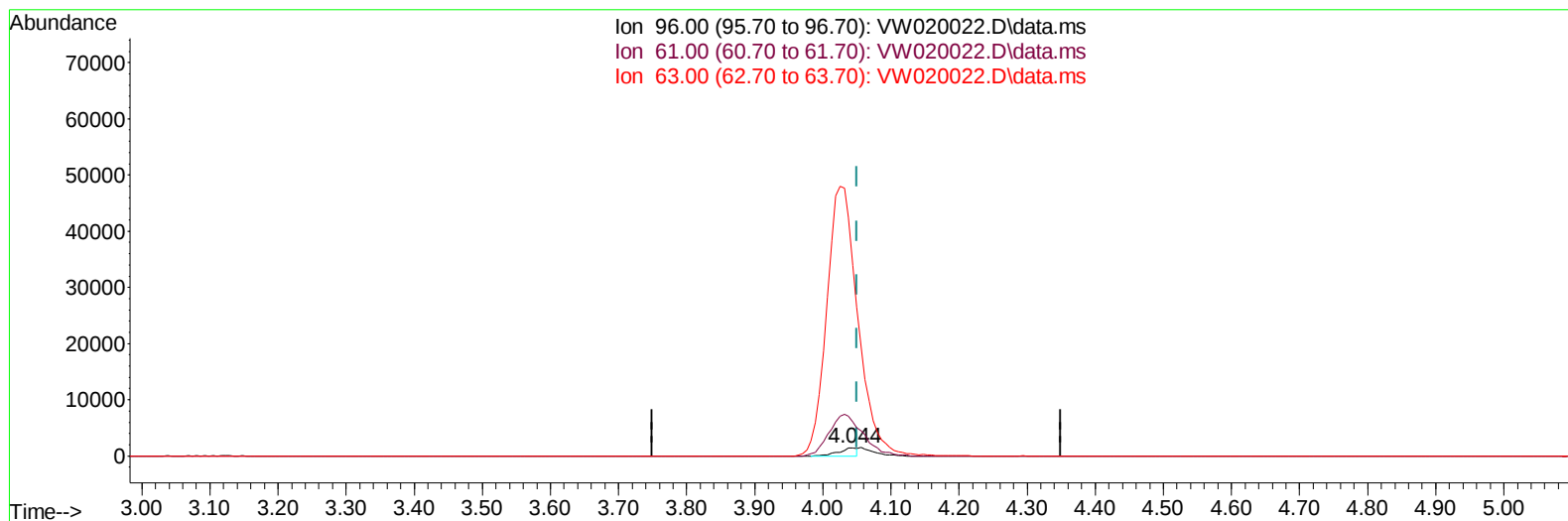
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
Data File : VW020022.D
Acq On : 14 Sep 2021 21:07
Operator : SY/VA
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Manual Integrations
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TIC: VW020022.D\data.ms

(12) 1,1-Dichloroethene (T)

4.044min (-0.006) 0.70 ug/L

response 2704

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	168.70	421.95#
63.00	119.60	2339.27#
0.00	0.00	0.00

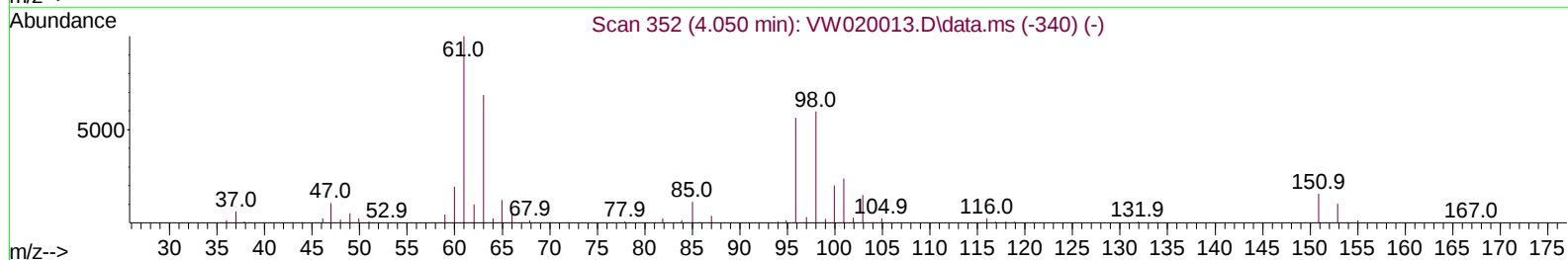
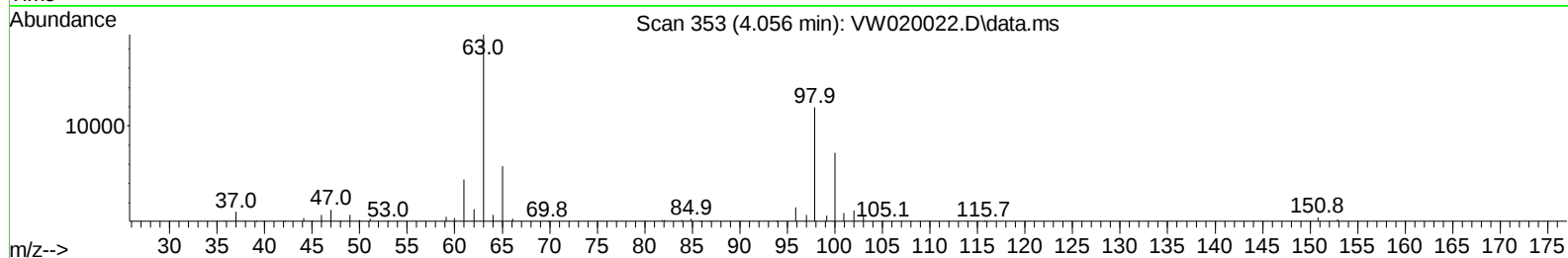
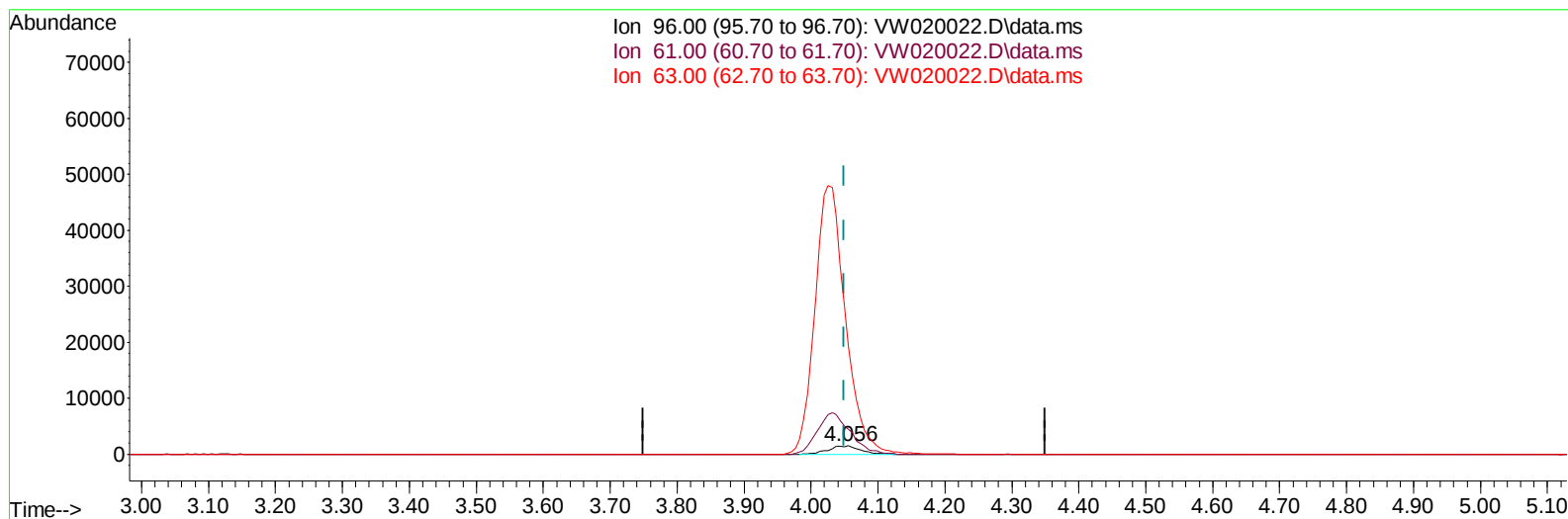
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
Data File : VW020022.D
Acq On : 14 Sep 2021 21:07
Operator : SY/VA
Sample : MDL01
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL01

Manual Integrations
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Quant Time: Sep 15 03:59:24 2021
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Response via : Initial Calibration



TIC: VW020022.D\data.ms

(12) 1,1-Dichloroethene (T)

4.056min (+ 0.006) 1.26 ug/L m

response 4888

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	168.70	291.08#
63.00	119.60	1280.84#
0.00	0.00	0.00

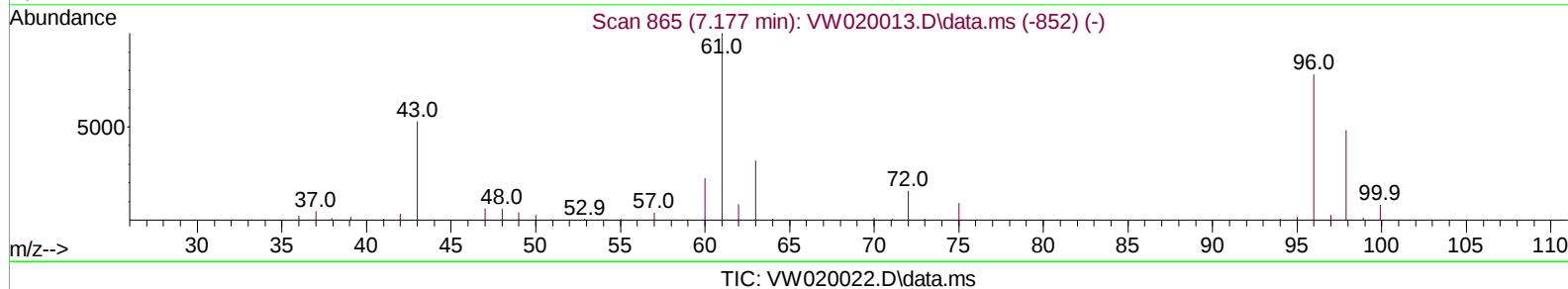
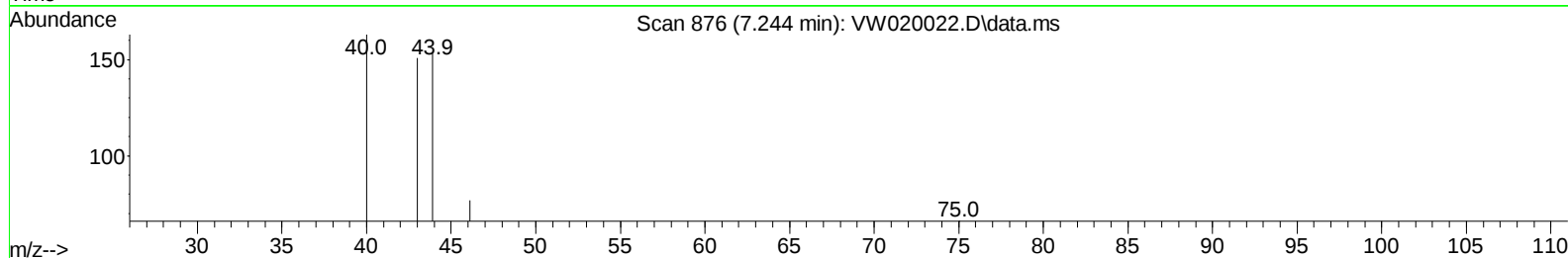
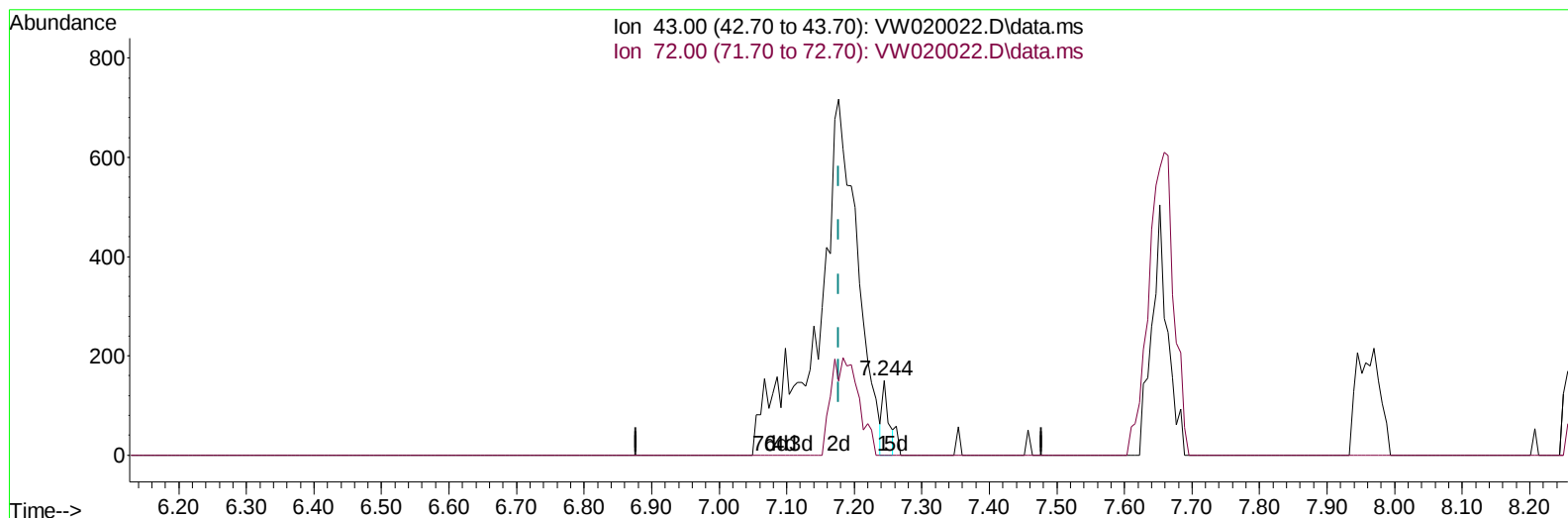
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020022.D
 Acq On : 14 Sep 2021 21:07
 Operator : SY/VA
 Sample : MDL01
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Instrument :
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Manual Integrations
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 Response via : Initial Calibration



(22) 2-Butanone (T)

7.244min (+ 0.067) 0.06 ug/L

response 98

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.80	42.86
0.00	0.00	0.00
0.00	0.00	0.00

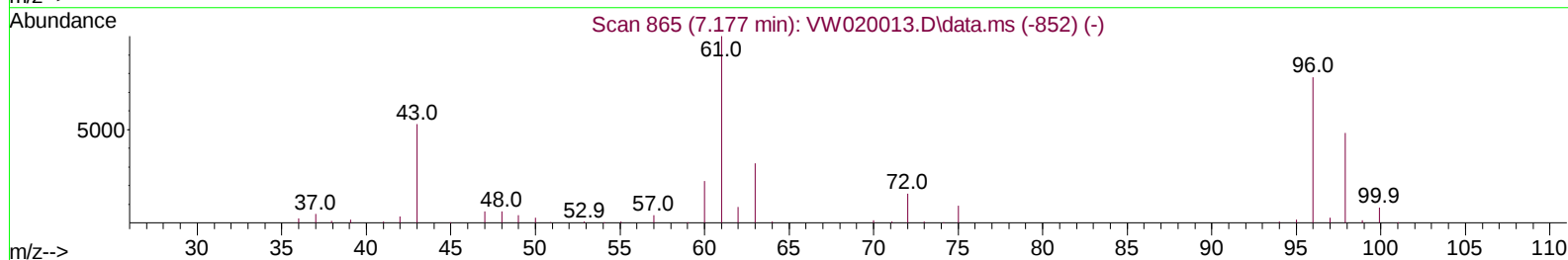
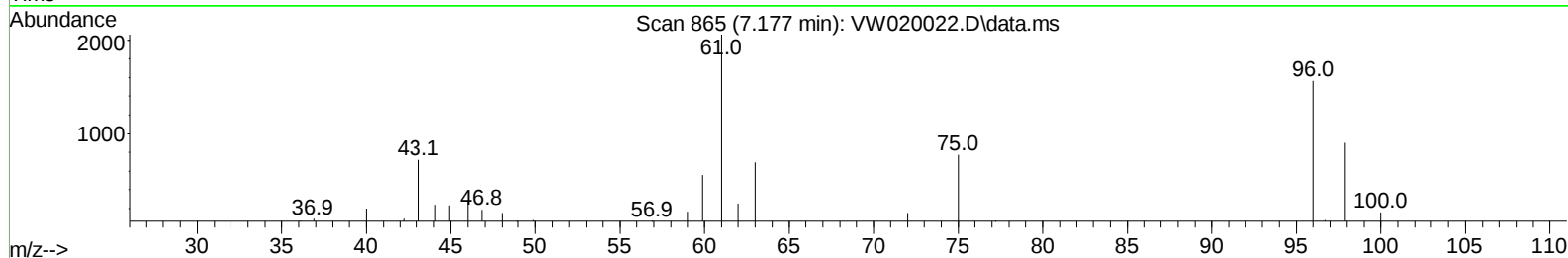
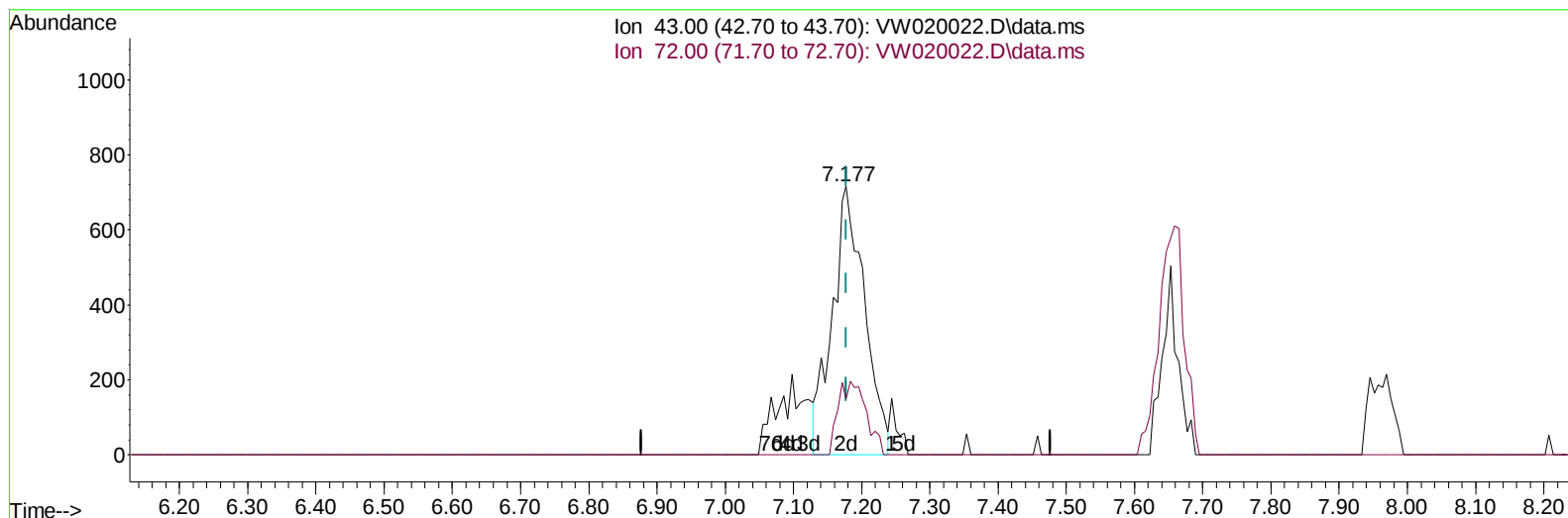
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 Data File : VW020022.D
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 Operator : SY/VA
 Sample : MDL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: VW020022.D\data.ms

(22) 2-Butanone (T)

7.177min (0.000) 1.55 ug/L m

response 2365

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.80	1.78#
0.00	0.00	0.00
0.00	0.00	0.00

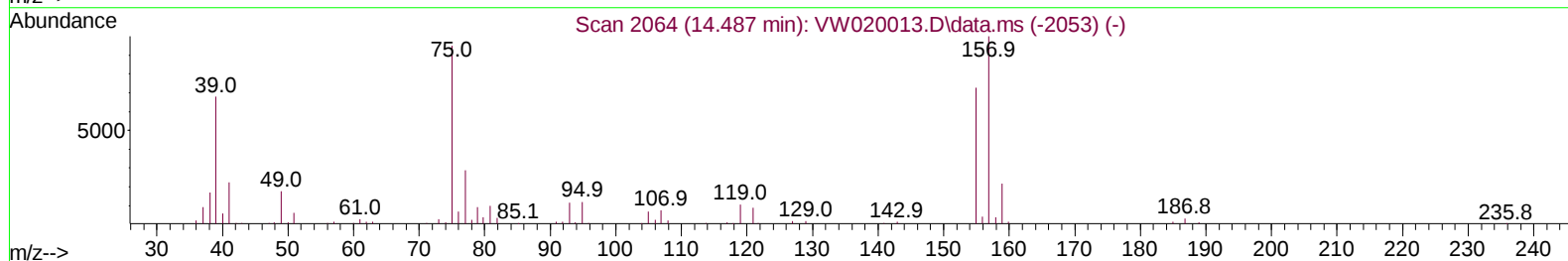
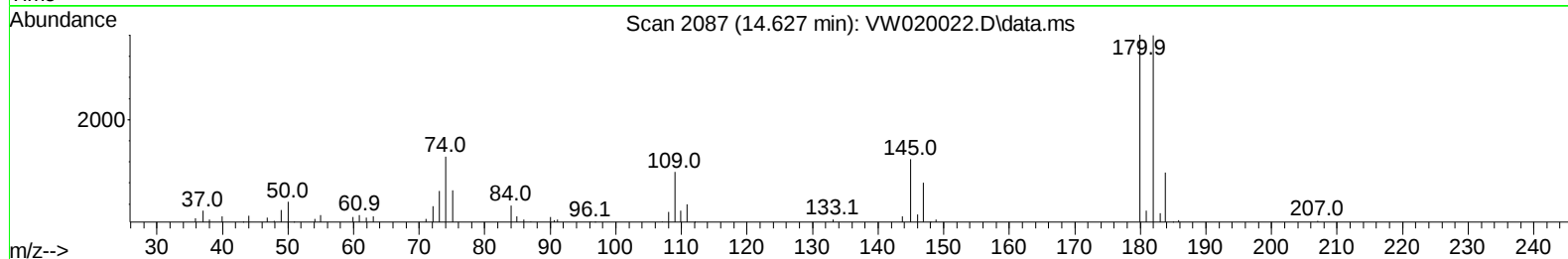
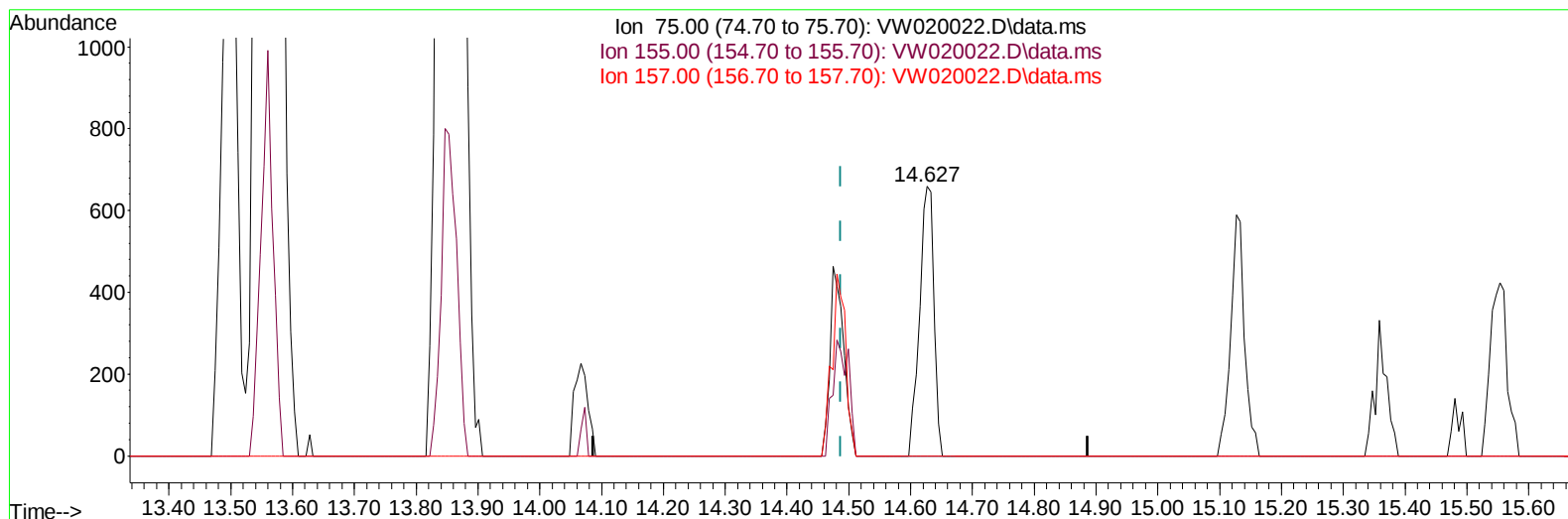
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Data File : VW020022.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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TIC: VW020022.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

14.627min (+ 0.140) 1.56 ug/L

response 1088

Ion	Exp%	Act%
75.00	100.00	100.00
155.00	74.20	0.00#
157.00	90.20	0.00#
0.00	0.00	0.00

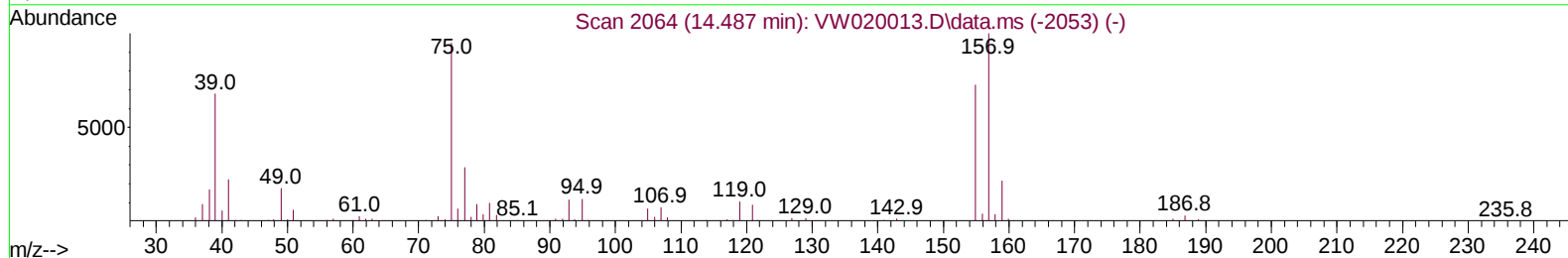
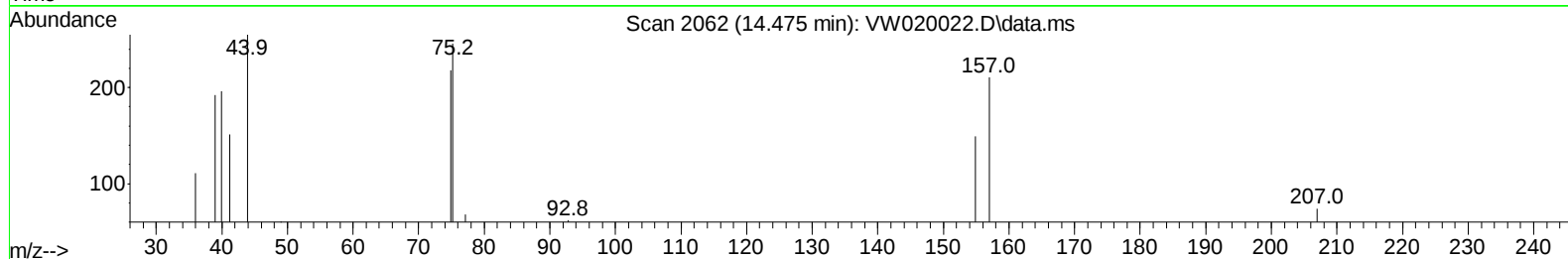
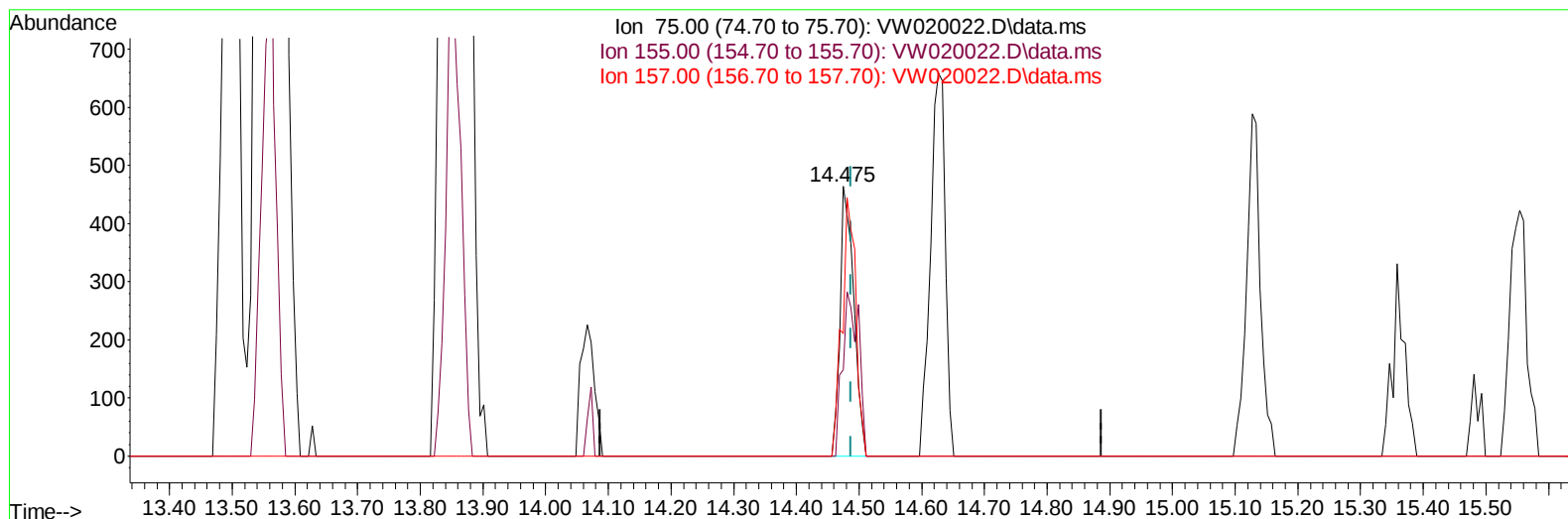
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 Data File : VW020022.D
 Acq On : 14 Sep 2021 21:07
 Operator : SY/VA
 Sample : MDL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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Quant Time: Sep 15 03:59:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
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 QLast Update : Wed Sep 15 03:16:46 2021
 Response via : Initial Calibration



TIC: VW020022.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

14.475min (-0.012) 1.01 ug/L m

response 705

Ion	Exp%	Act%
75.00	100.00	100.00
155.00	74.20	60.57
157.00	90.20	85.77
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020022.D
 Acq On : 14 Sep 2021 21:07
 Operator : SY/VA
 Sample : MDL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL01

Manual Integrations
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	285097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	273070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	123482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135009	28.751	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	115.000%	
7) Chloroethane-d5	2.897	69	108511	26.848	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	4.025	63	151625	19.755	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	79.000%	
21) 2-Butanone-d5	7.080	46	48326	37.620	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	75.240%	
24) Chloroform-d	7.653	84	208634	26.559	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	106.240%	
26) 1,2-Dichloroethane-d4	8.311	65	124530	26.910	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	107.640%	
32) Benzene-d6	8.281	84	412818	27.708	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	110.840%	
36) 1,2-Dichloropropane-d6	9.274	67	123443	27.934	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	111.720%	
41) Toluene-d8	10.323	98	380012	27.211	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	108.840%	
43) trans-1,3-Dichloroprop...	10.579	79	52809	25.979	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	103.920%	
47) 2-Hexanone-d5	10.927	63	36725	40.679	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	81.360%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	99665	22.925	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	91.680%	
66) 1,2-Dichlorobenzene-d4	13.853	152	130387	30.984	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	123.920%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	3030	1.025 ug/L	#	87
3) Chloromethane	2.221	50	4344	1.091 ug/L		88
5) Vinyl chloride	2.367	62	6979	1.121 ug/L	#	25
6) Bromomethane	2.788	94	4660	1.068 ug/L		99
8) Chloroethane	2.934	64	4196	1.105 ug/L		89
9) Trichlorofluoromethane	3.269	101	2924	0.805 ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	5370m	1.314 ug/L		
12) 1,1-Dichloroethene	4.056	96	4888m	1.263 ug/L		
13) Acetone	4.129	43	1988	1.630 ug/L		75
14) Carbon disulfide	4.397	76	12345	0.977 ug/L		97
15) Methyl Acetate	4.690	43	1829	0.860 ug/L		98
16) Methylene chloride	4.922	84	10712	2.132 ug/L		97
17) trans-1,2-Dichloroethene	5.434	96	4214	1.034 ug/L		86
18) Methyl tert-butyl Ether	5.440	73	4731	0.929 ug/L	#	89
19) 1,1-Dichloroethane	6.220	63	7553	1.036 ug/L		94
20) cis-1,2-Dichloroethene	7.177	96	4273	1.015 ug/L		99
22) 2-Butanone	7.177	43	2365m	1.547 ug/L		
23) Bromochloromethane	7.519	128	2082	1.068 ug/L		99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.689	83	9623	1.256	ug/L	93
27) 1,2-Dichloroethane	8.409	62	5808	1.084	ug/L #	95
29) Cyclohexane	7.958	56	4807	0.782	ug/L #	92
30) 1,1,1-Trichloroethane	7.878	97	6543	1.022	ug/L	97
31) Carbon tetrachloride	8.079	117	6008	1.006	ug/L	99
33) Benzene	8.329	78	17763	1.081	ug/L	100
34) Trichloroethene	9.098	95	4445	1.021	ug/L	93
35) Methylcyclohexane	9.341	83	5784	0.788	ug/L #	89
37) 1,2-Dichloropropane	9.366	63	4522	1.136	ug/L	98
38) Bromodichloromethane	9.652	83	5670	1.056	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	5786	0.963	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	4080	1.437	ug/L	98
42) Toluene	10.390	91	23731	1.353	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	7963	1.400	ug/L	93
45) 1,1,2-Trichloroethane	10.786	97	3416	1.073	ug/L	88
46) Tetrachloroethene	10.866	164	3517	1.044	ug/L	99
48) 2-Hexanone	10.969	43	3242	1.593	ug/L #	97
49) Dibromochloromethane	11.128	129	3693	1.010	ug/L	93
50) 1,2-Dibromoethane	11.237	107	2963	0.947	ug/L #	91
51) Chlorobenzene	11.658	112	12045	1.059	ug/L	95
52) Ethylbenzene	11.731	91	17535	0.916	ug/L	95
53) m,p-Xylene	11.841	106	6172	0.847	ug/L	92
54) o-Xylene	12.170	106	5349	0.778	ug/L	93
55) Styrene	12.182	104	8141	0.689	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.719	83	4342	1.041	ug/L	97
59) Bromoform	12.353	173	1919	1.027	ug/L #	96
60) Isopropylbenzene	12.469	105	14059	0.858	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	2694	0.933	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	10205	0.766	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	11002	0.841	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	7583	1.007	ug/L	87
65) 1,4-Dichlorobenzene	13.578	146	8620	1.123	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	8450	1.231	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.475	75	705m	1.012	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	5643	1.083	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	4071	0.998	ug/L	97
71) Naphthalene	15.365	128	7069	0.811	ug/L	99
72) 1,2,3-Trichlorobenzene	15.560	180	4009	1.047	ug/L	90

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

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Abundance

TIC: VW020022.D\data.ms

Time-->

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, T

Vinyl chloride, T

Bromomethane, T

Chloroethane, T

Chloroethane-d5, S

Trichlorofluoromethane, T

Acetone, T

Trichloroethene, T

1,1,2,2-Tetrachloroethane, T

1,1,2,2-Tetrachloroethane-d2, S

Carbon disulfide, T

Methyl acetate, T

Methylene chloride, T

Methyl isocyanide, T

1,1-Dichloroethane, T

2-Butanone-d5, S

1,1,1-Trichloroethene, T

Bromochloromethane, T

Chloroform, T

1,1,1,1-Tetrachloroethane, T

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,2-Dichloroethane-d4, S

Benzene, T

1,4-Difluorobenzene, I

Trichloroethene, T

1,2-Dichloropropane, T

1,2-Dichloropropane-d6, S

Bromodichloromethane, T

Cis-1,3-Dichloropropene, T

4-Methyl-2-pentanone, I

Toluene, I

trans-1,3-Dichloropropene, T

trans-1,3-Dichloropropene-d4, S

1,1,2,2-Tetrachloroethane, T

2-Hexanone-d5, S

Dibromochloromethane, T

1,2-Dibromochloroethane, T

Chlorobenzene, T

Chlorobenzene-d5, I

m,p-Xylene, I

Styrene, T

Bromobenzene, T

Isopropylbenzene

1,2,3-Trichloropropane, T

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

1,3-Dichlorobenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

1,2-Dichlorobenzene-d4, I

1,2-Dichlorobenzene-d4, S

1,2-Dibromo-3-chloropropane, T

1,3,5-Trichlorobenzene

1,2,4-trichlorobenzene, T

Naphthalene

1,2,3-Trichlorobenzene, T