

Data File : VW014993.D

Acq On : 14 Feb 2020 13:18

Operator : SY/VA

Sample : MDL06

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
2/17/2020 3:46:25 PM

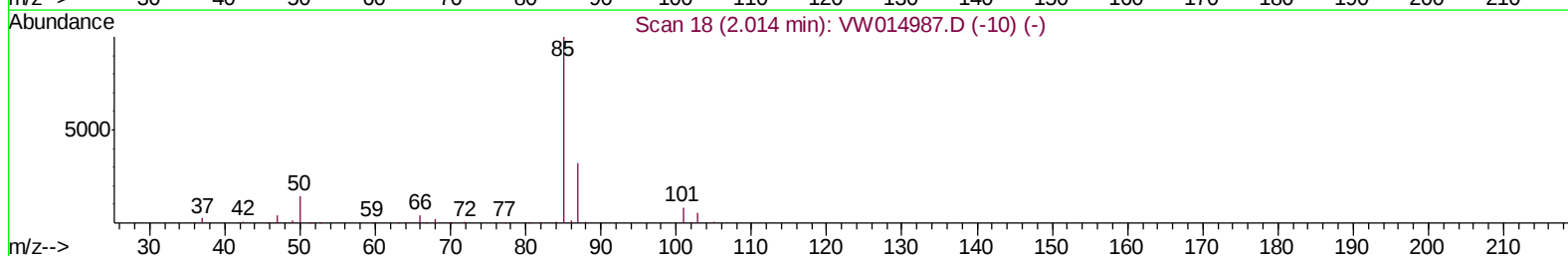
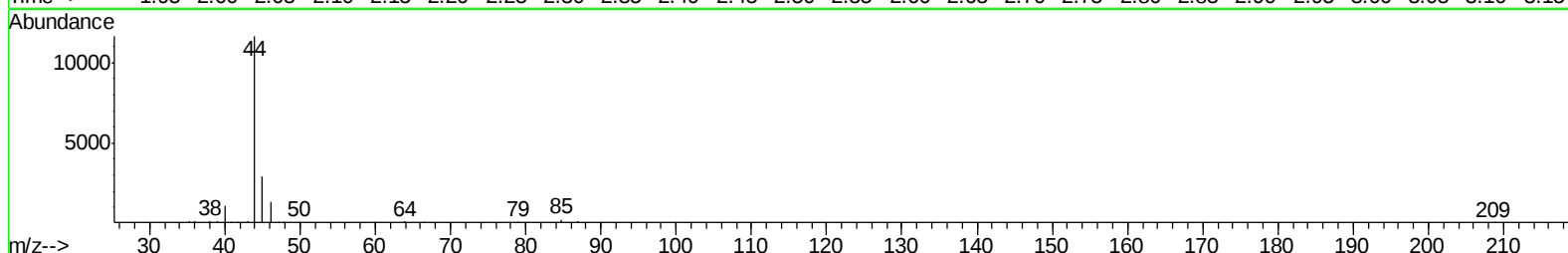
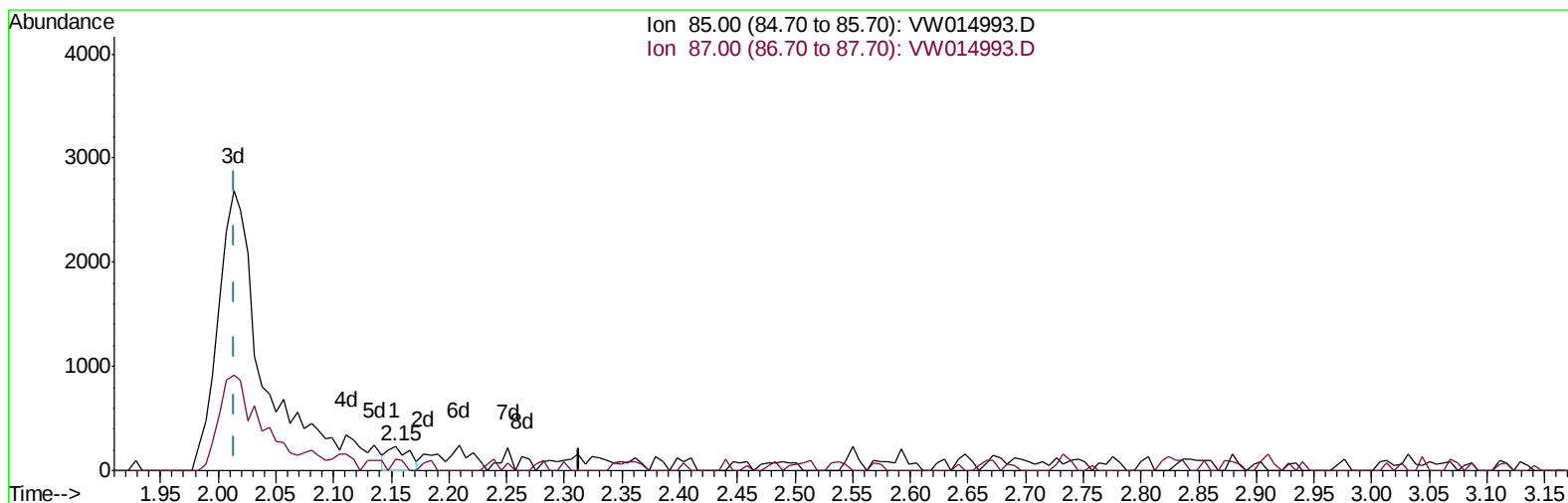
Quant Time: Feb 15 03:22:34 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M

Quant Title : SFAM01.0

QLast Update : Sat Feb 15 03:16:02 2020

Response via : Initial Calibration



TIC: VW014993.D

(2) Dichlorodifluoromethane (T)

2.154min (+0.140) 0.04ug/L

response 317

Ion	Exp%	Act%
85.00	100	100
87.00	26.90	24.29
0.00	0.00	0.00
0.00	0.00	0.00

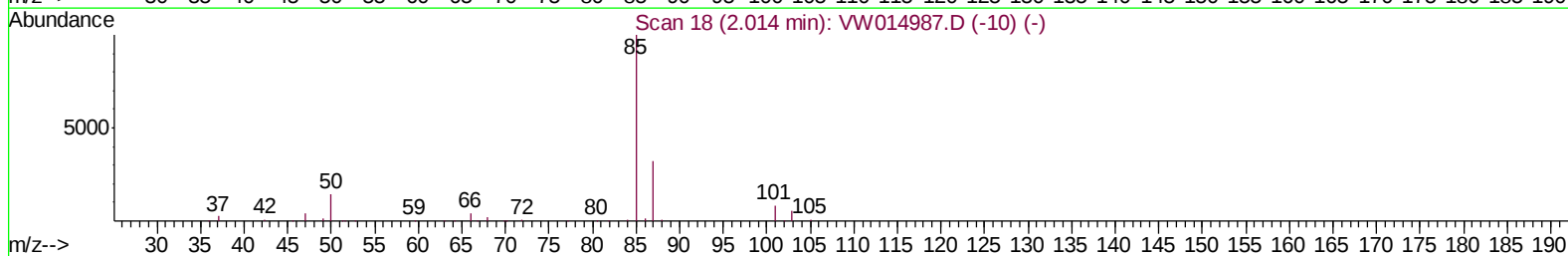
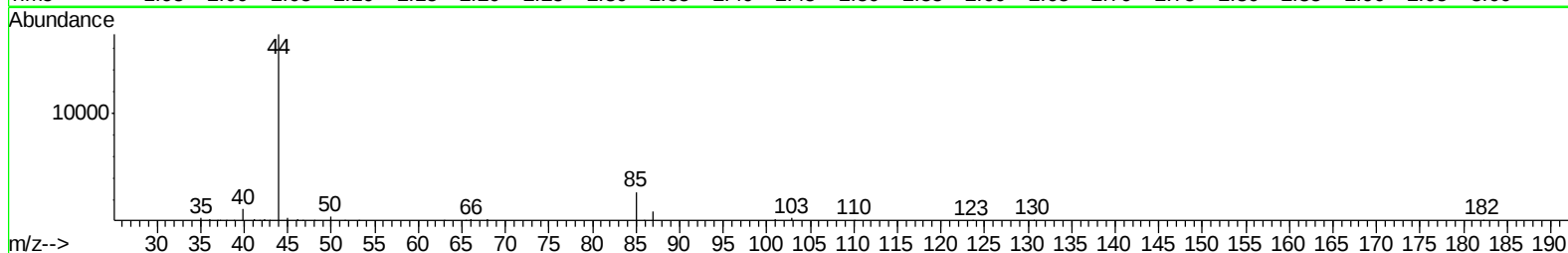
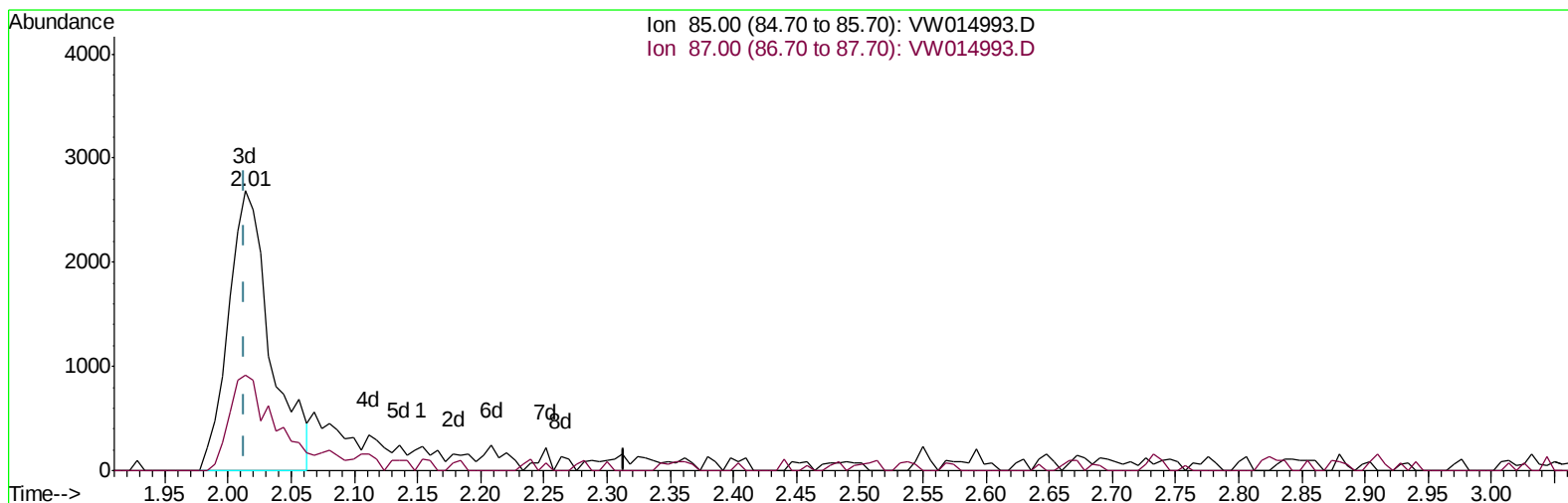
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TIC: VW014993.D

(2) Dichlorodifluoromethane (T)

2.014min (-0.000) 0.79ug/L m

response 6290

Ion	Exp%	Act%
85.00	100	100
87.00	26.90	1.22#
0.00	0.00	0.00
0.00	0.00	0.00

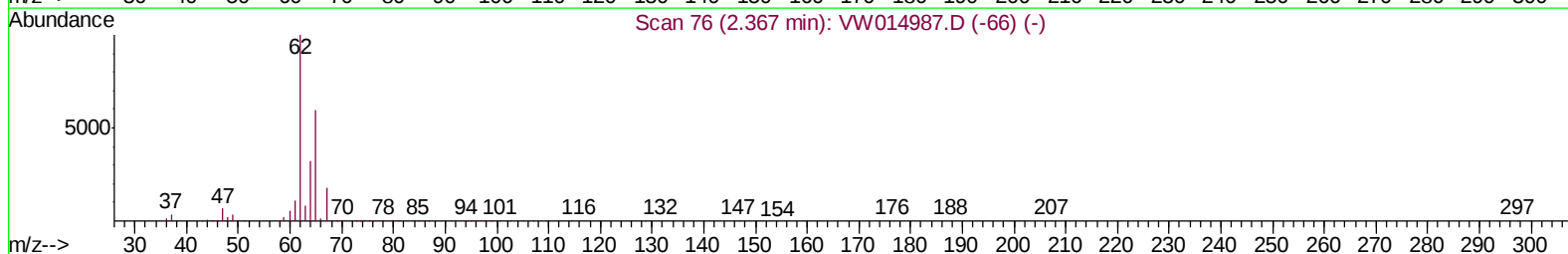
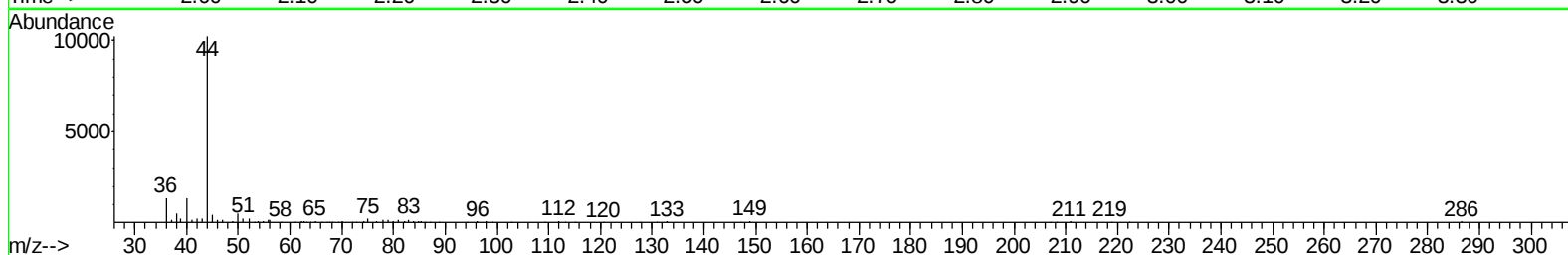
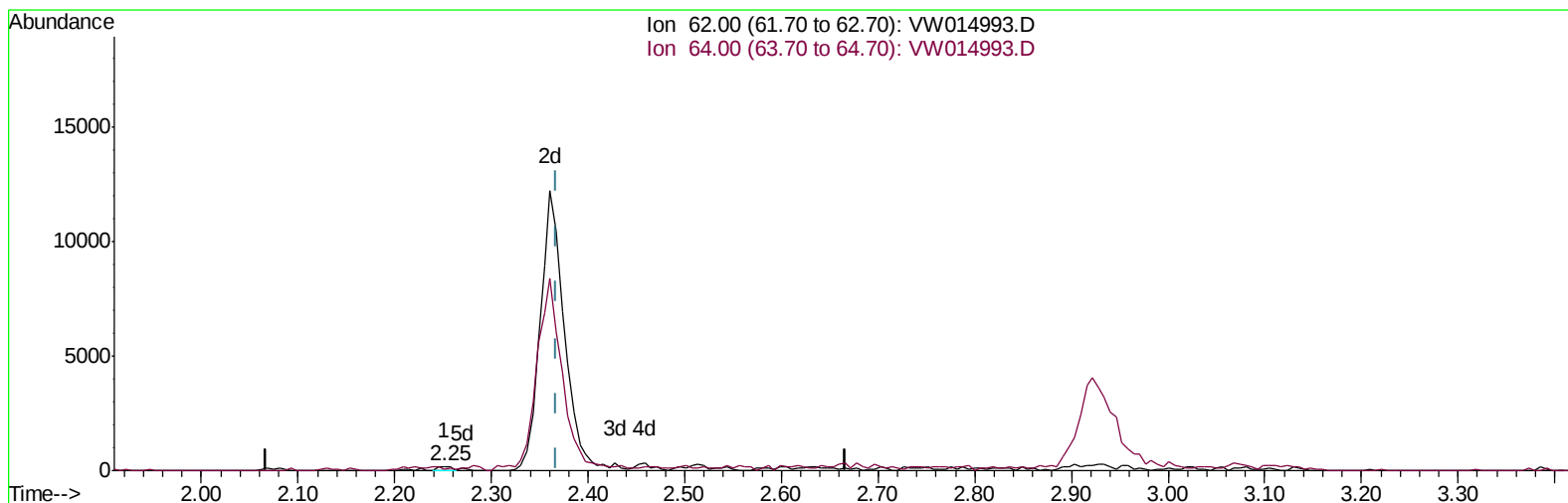
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TIC: VW014993.D

(5) Vinyl chloride (T)

2.251min (-0.116) 0.01ug/L

response 191

Ion	Exp%	Act%
62.00	100	100
64.00	33.70	26.70
0.00	0.00	0.00
0.00	0.00	0.00

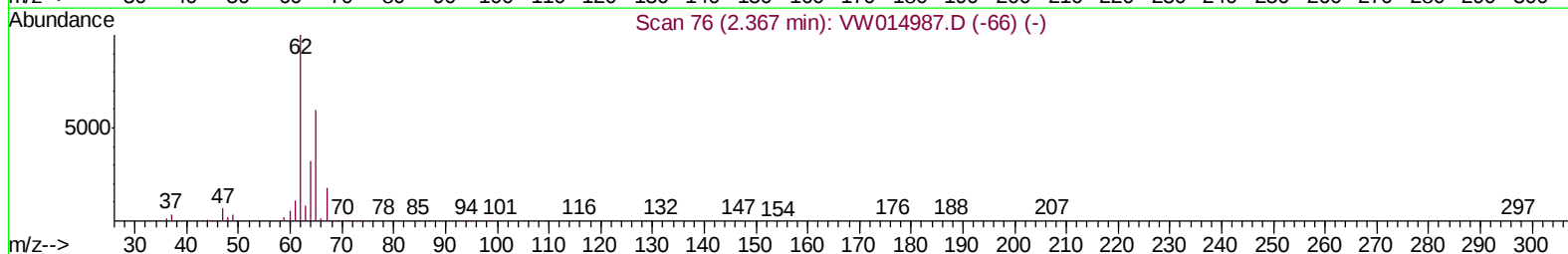
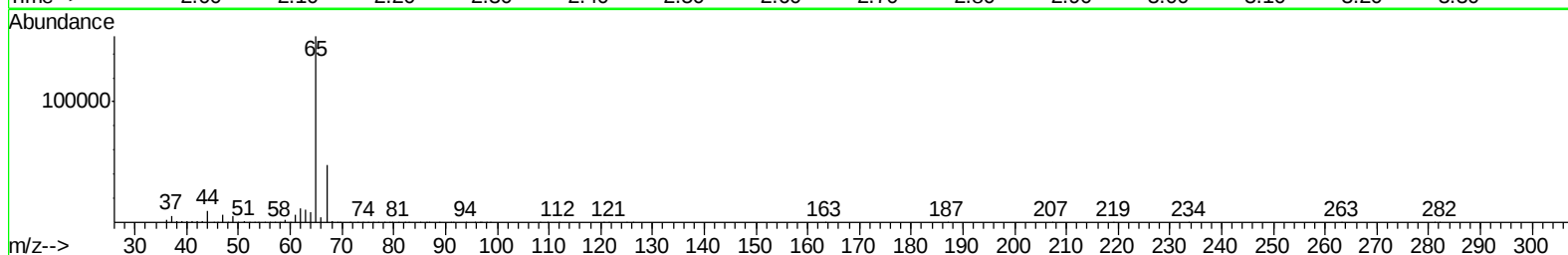
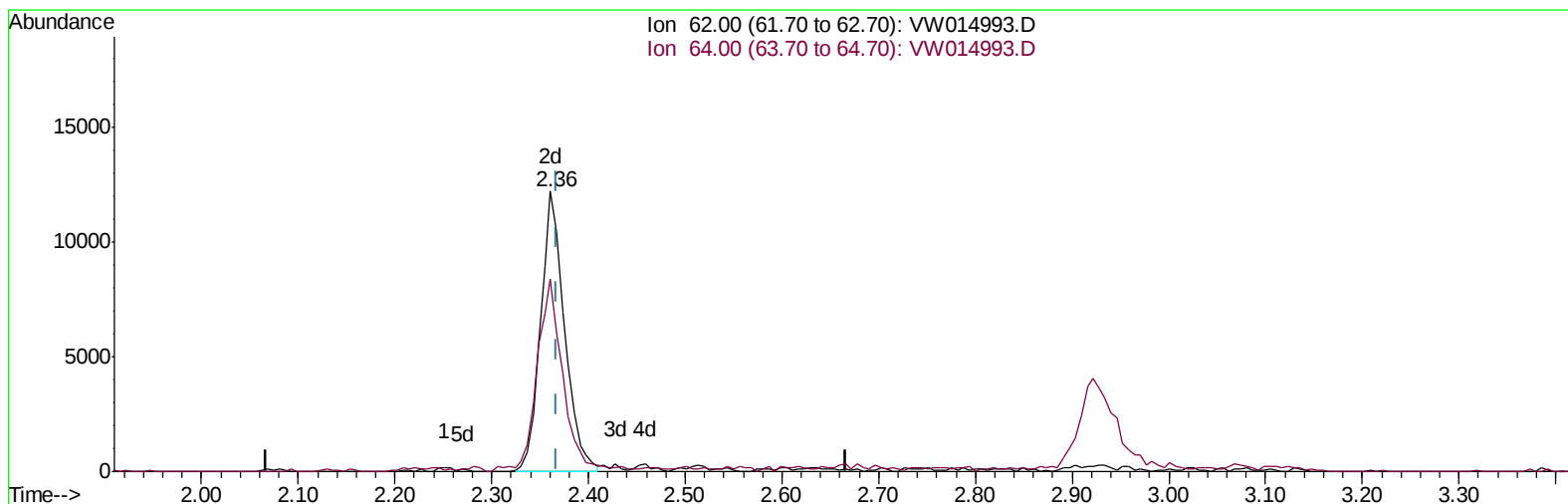
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TIC: VW014993.D

(5) Vinyl chloride (T)

2.361min (-0.006) 1.09ug/L m

response 20966

Ion	Exp%	Act%
62.00	100	100
64.00	33.70	68.84#
0.00	0.00	0.00
0.00	0.00	0.00

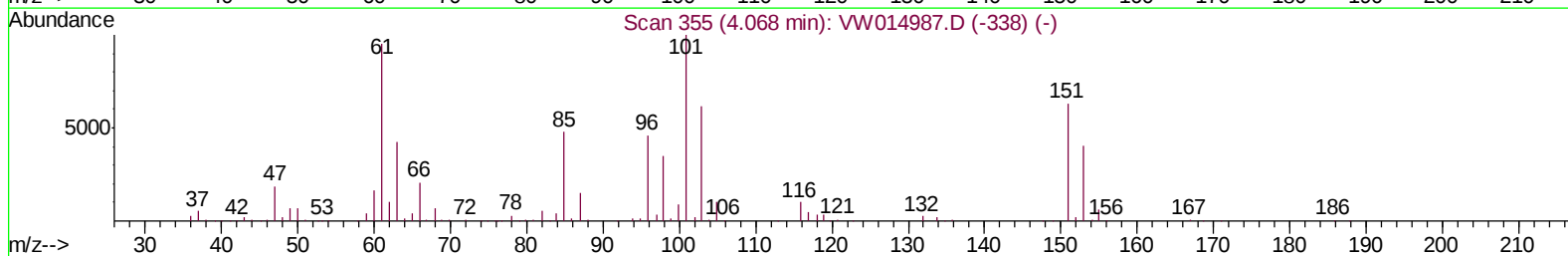
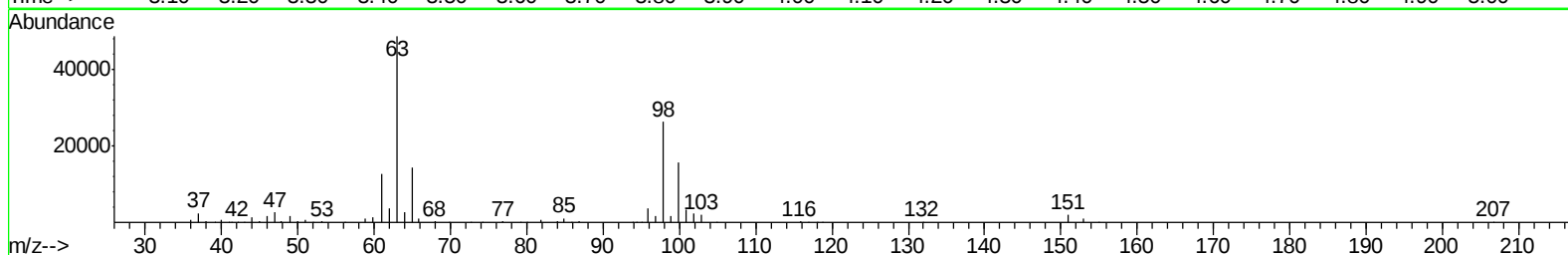
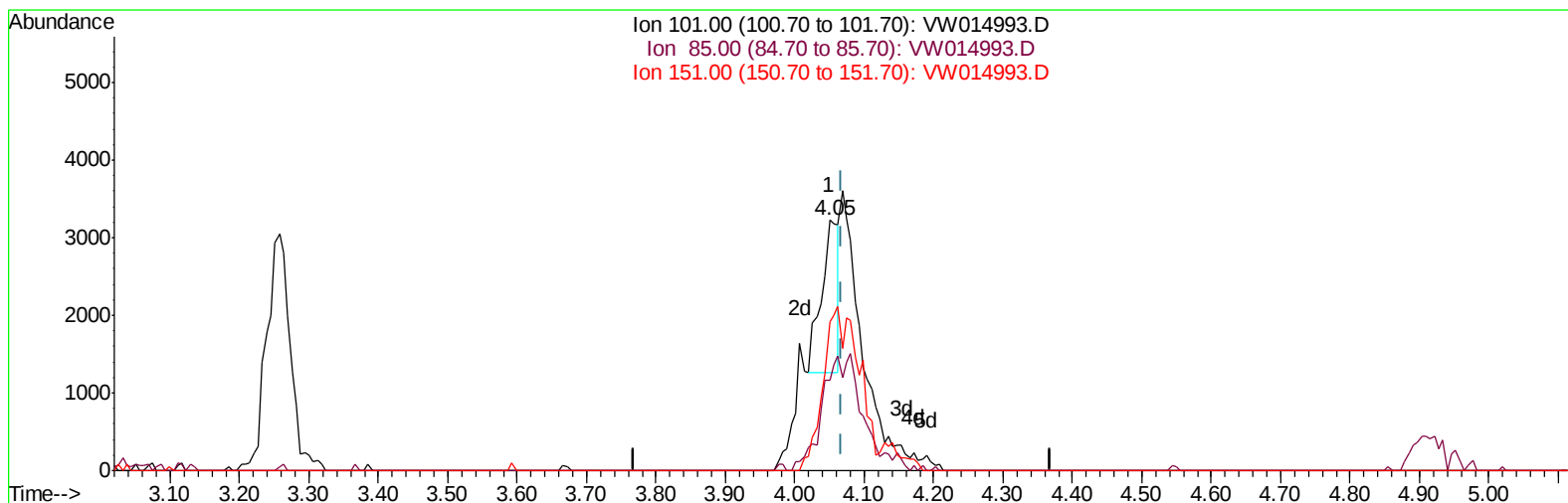
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TIC: VW014993.D

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

4.050min (-0.018) 0.27ug/L

response 3380

Ion	Exp%	Act%
101.00	100	100
85.00	45.60	77.34#
151.00	62.80	120.12#
0.00	0.00	0.00

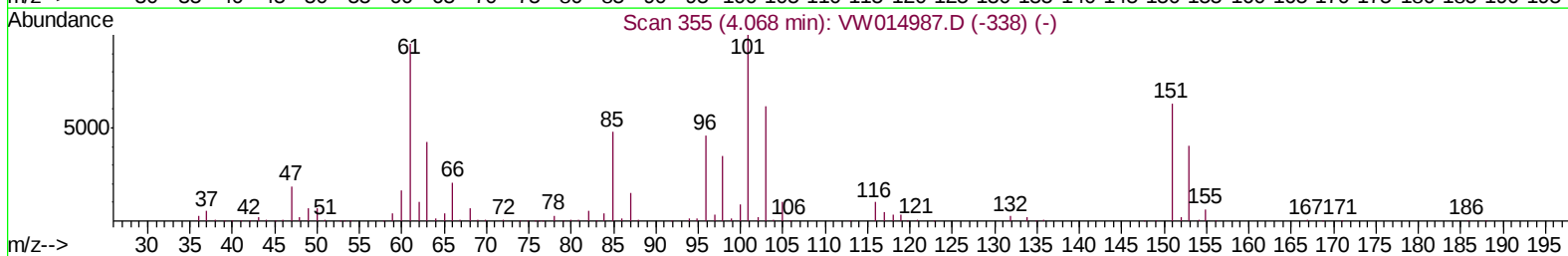
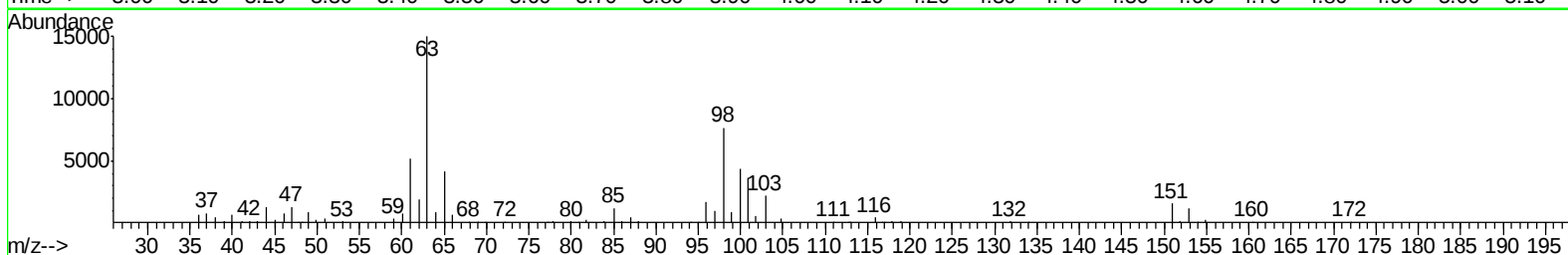
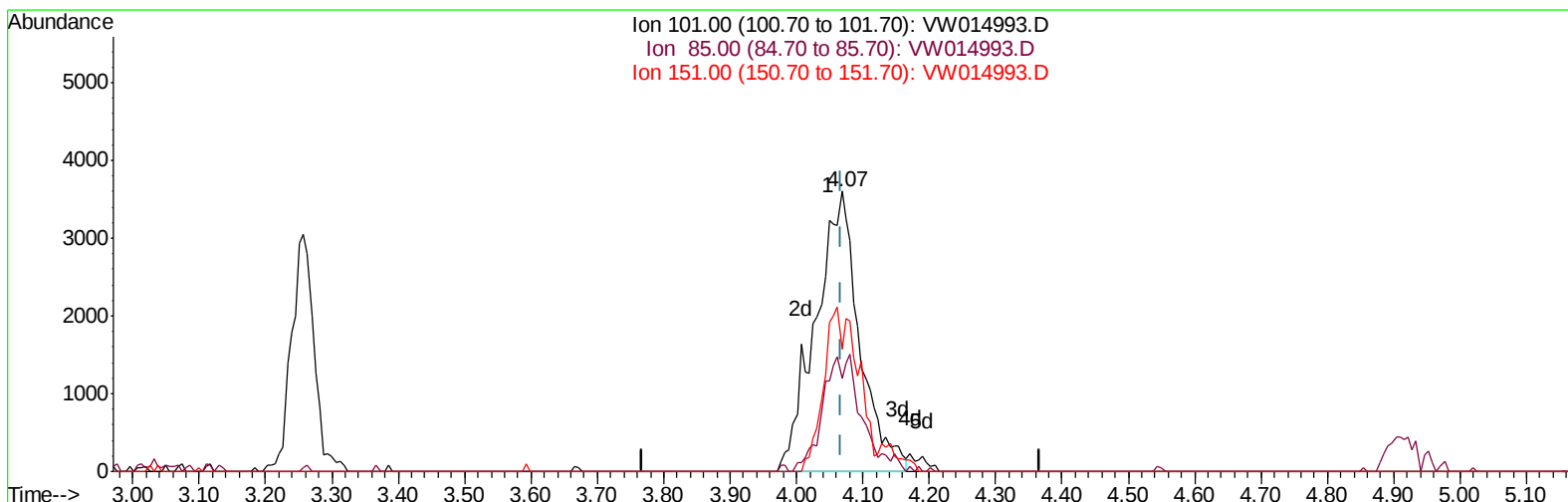
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: VW014993.D

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

4.068min (-0.000) 1.33ug/L m

response 16586

Ion	Exp%	Act%
101.00	100	100
85.00	45.60	15.76#
151.00	62.80	24.48#
0.00	0.00	0.00

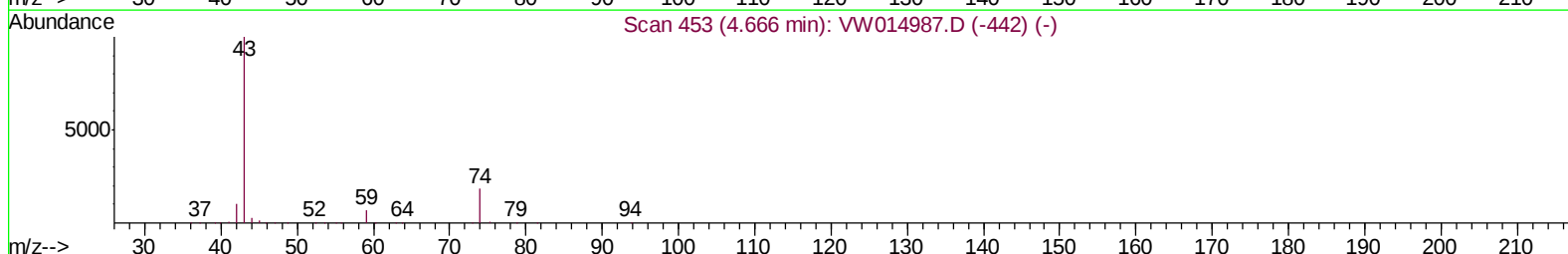
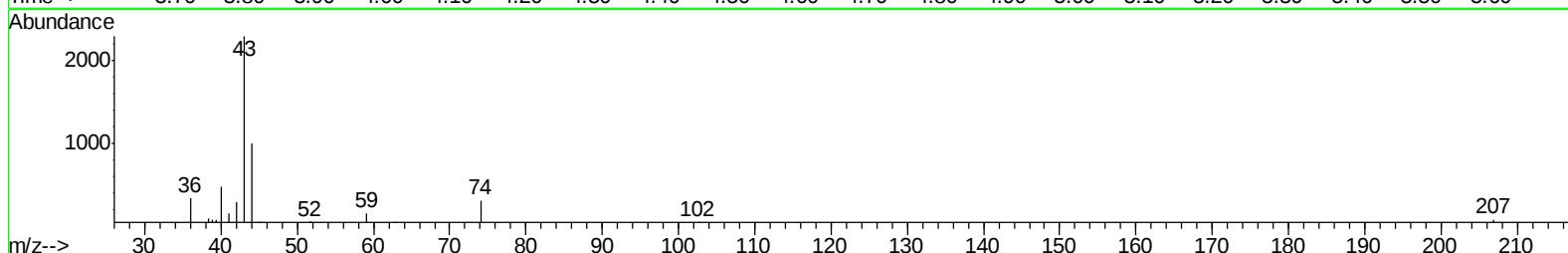
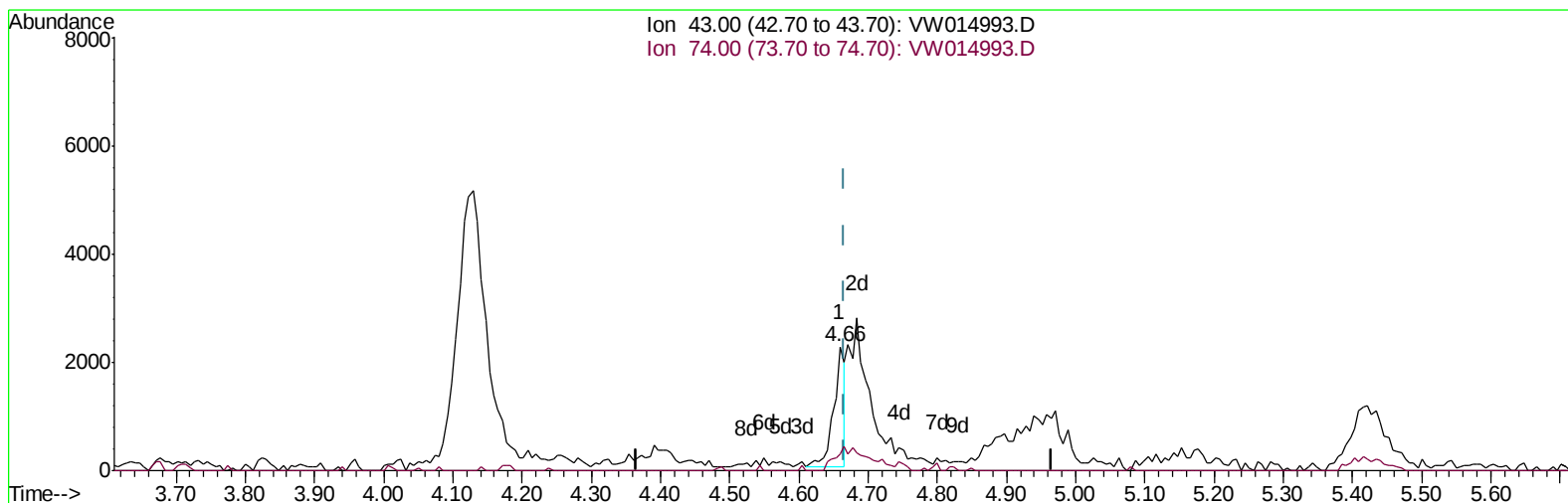
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TIC: VW014993.D

(15) Methyl Acetate (T)

4.659min (-0.006) 0.32ug/L

response 2605

Ion	Exp%	Act%
43.00	100	100
74.00	18.20	23.57#
0.00	0.00	0.00
0.00	0.00	0.00

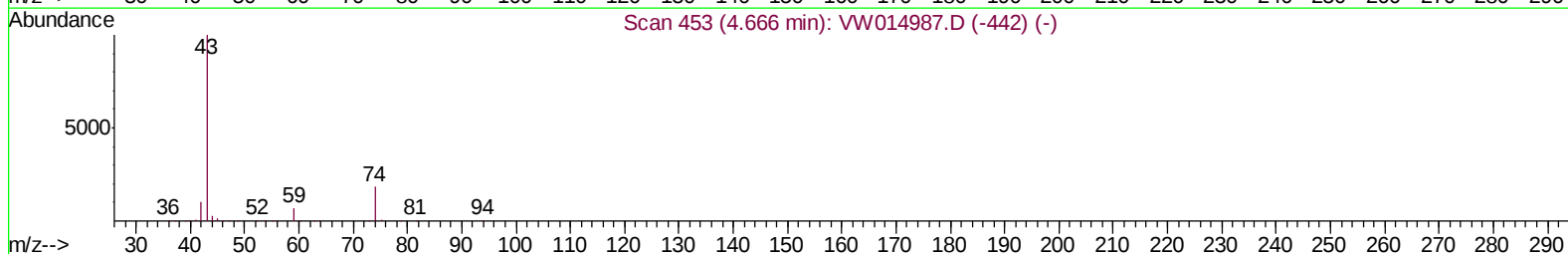
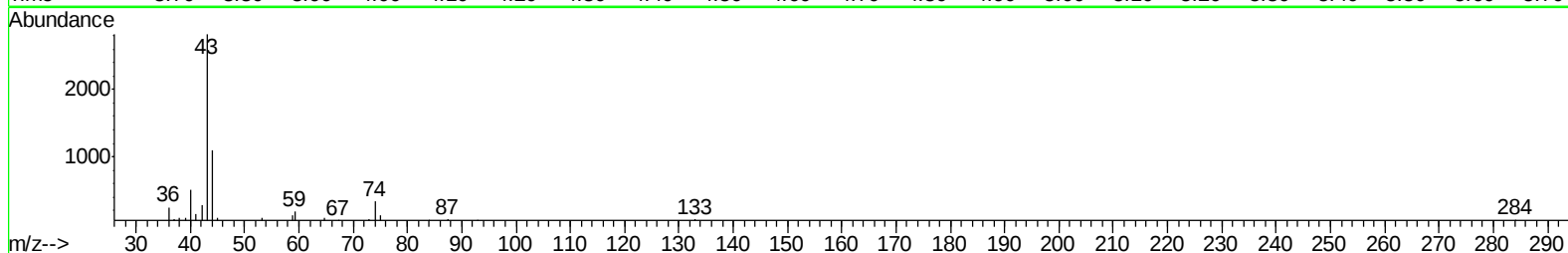
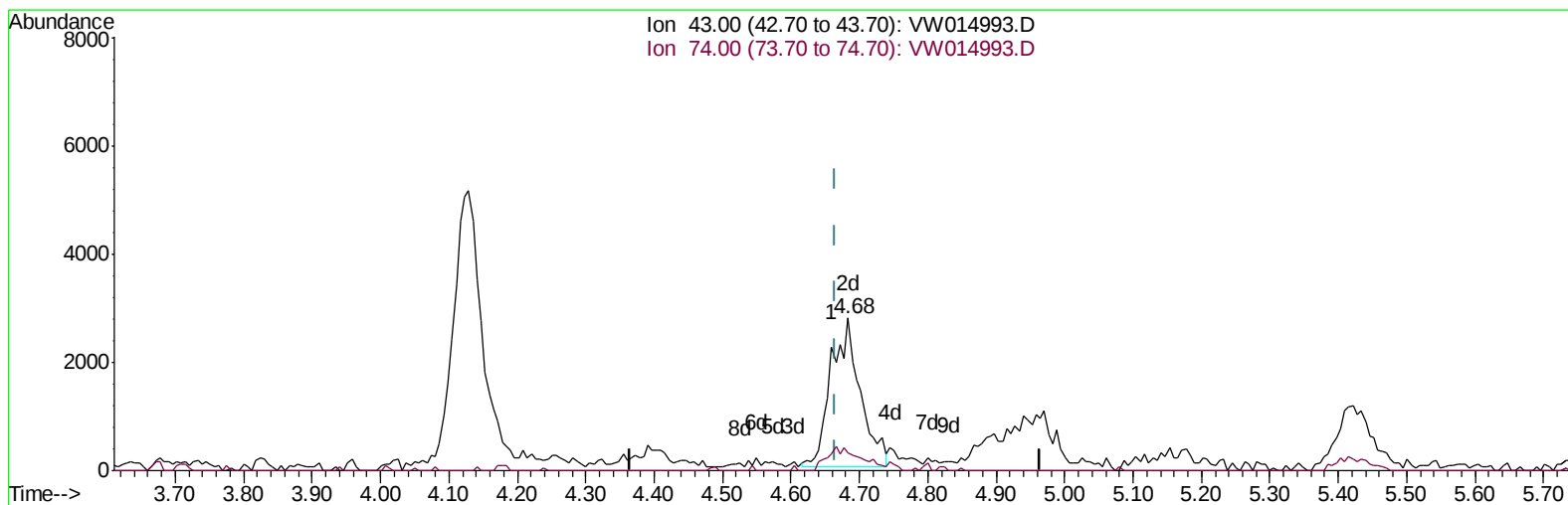
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: VW014993.D

(15) Methyl Acetate (T)

4.684min (+0.018) 1.00ug/L m

response 8156

Ion	Exp%	Act%
43.00	100	100
74.00	18.20	7.53#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW014993.D

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Operator : SY/VA

Sample : MDL06

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
2/17/2020 3:46:25 PM

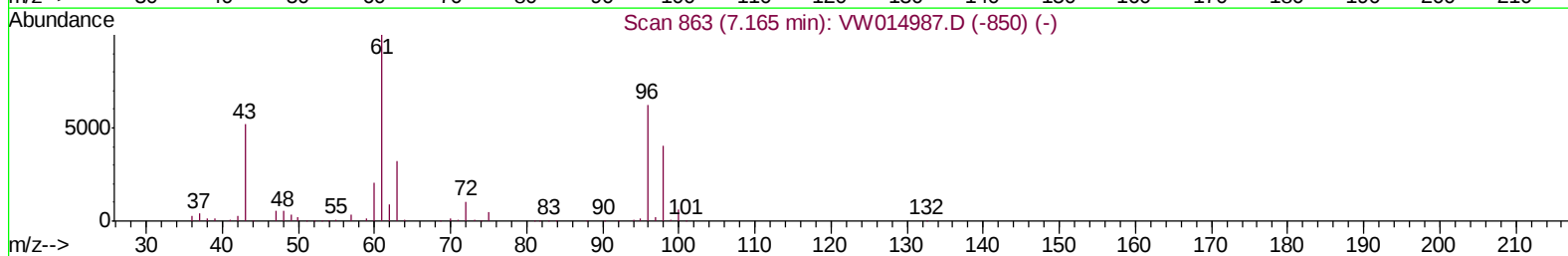
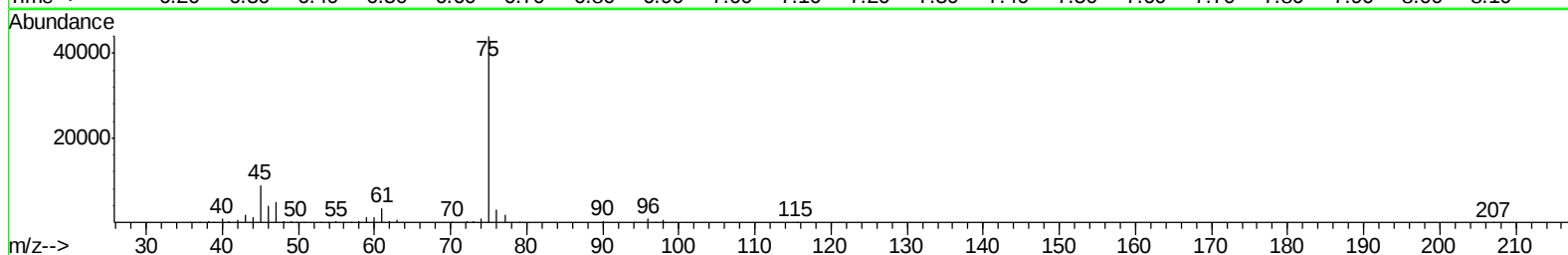
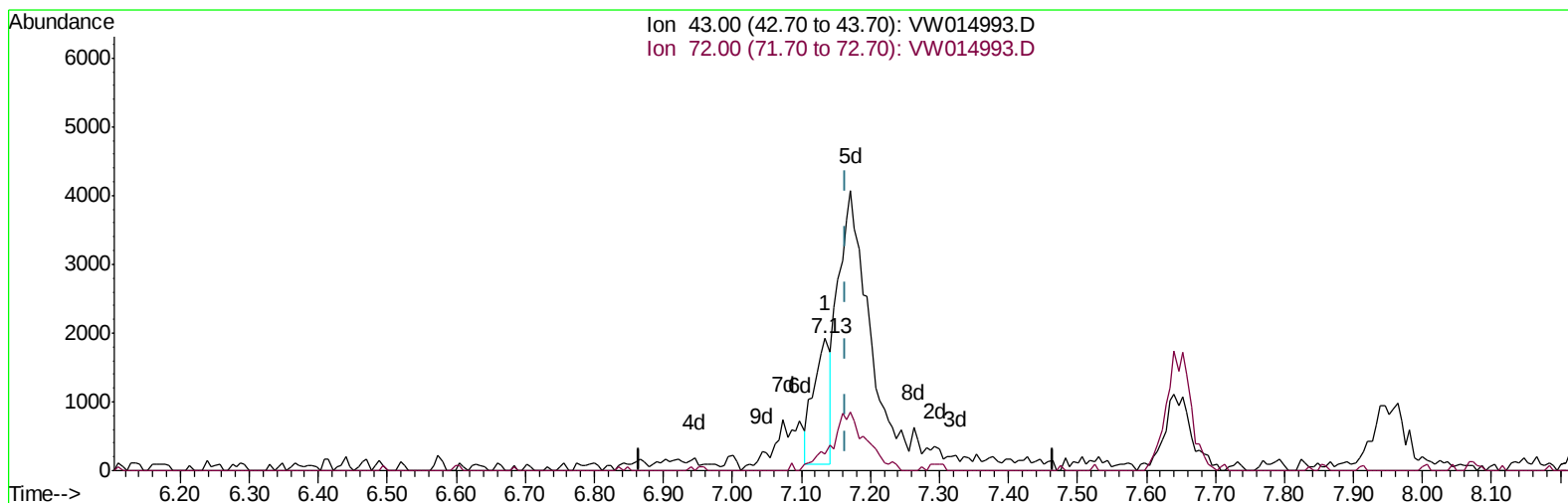
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Quant Title : SFAM01.0

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TIC: VW014993.D

(22) 2-Butanone (T)

7.135min (-0.031) 0.54ug/L

response 3045

Ion	Exp%	Act%
43.00	100	100
72.00	22.10	13.10
0.00	0.00	0.00
0.00	0.00	0.00

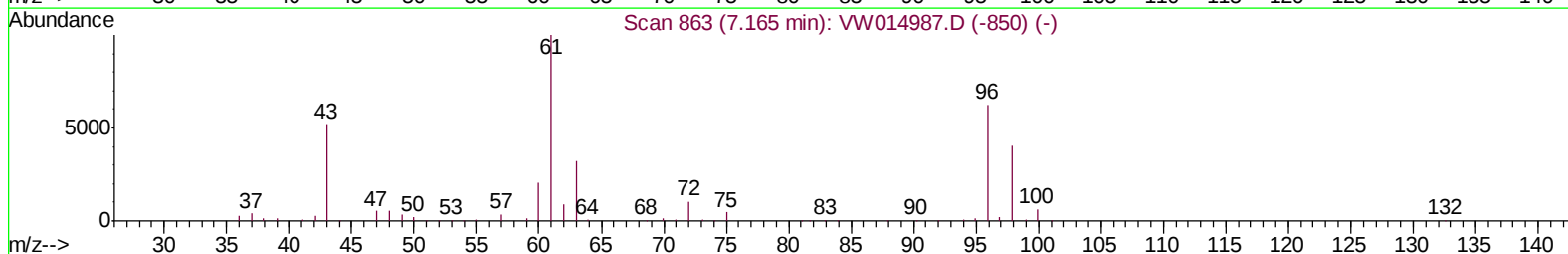
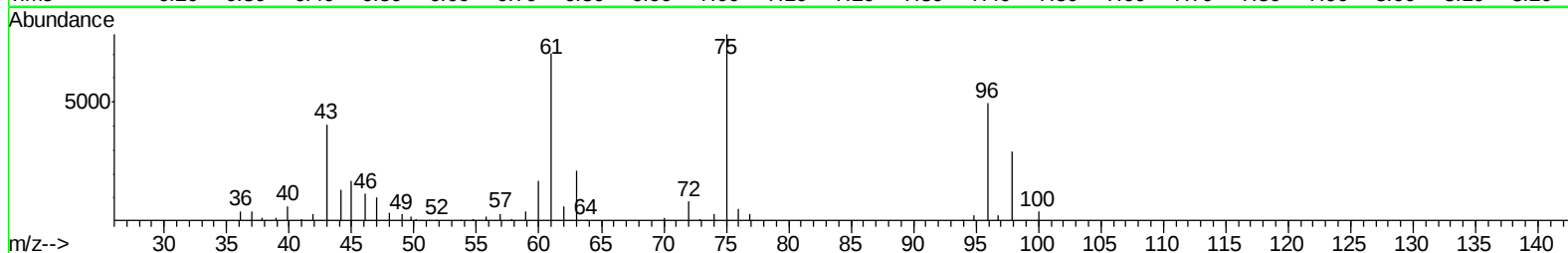
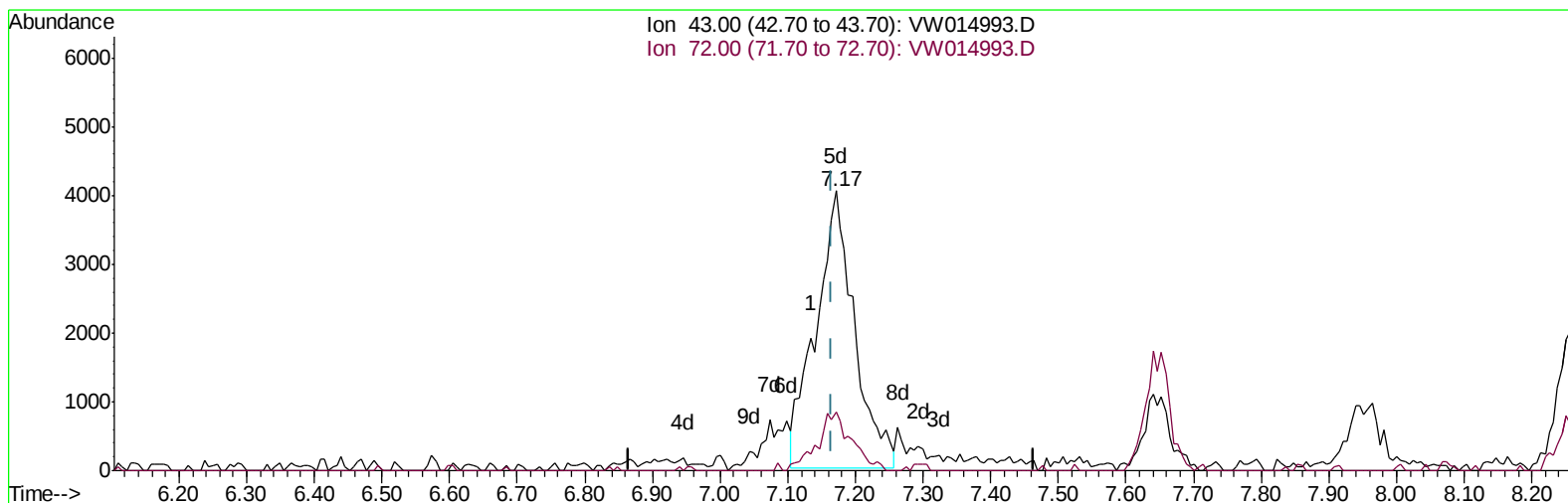
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TIC: VW014993.D

(22) 2-Butanone (T)
7.171min (+0.006) 2.83ug/L m
response 15978

Ion	Exp%	Act%
43.00	100	100
72.00	22.10	2.50#
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :

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ClientSampleId :

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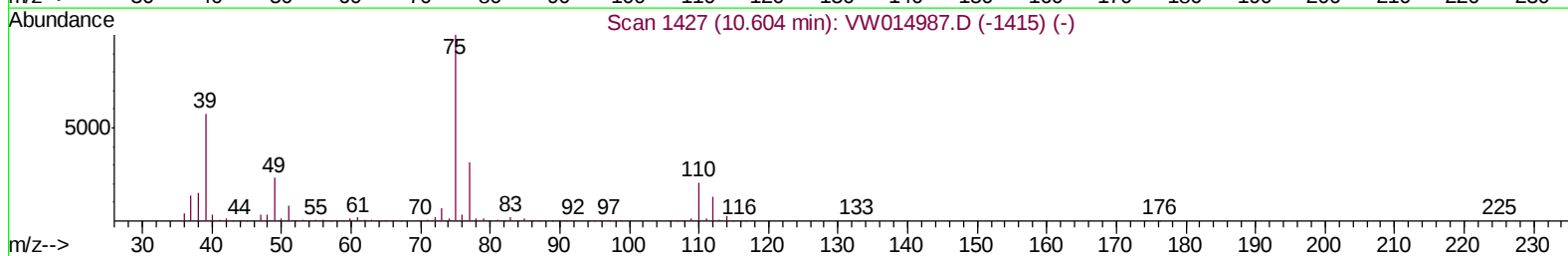
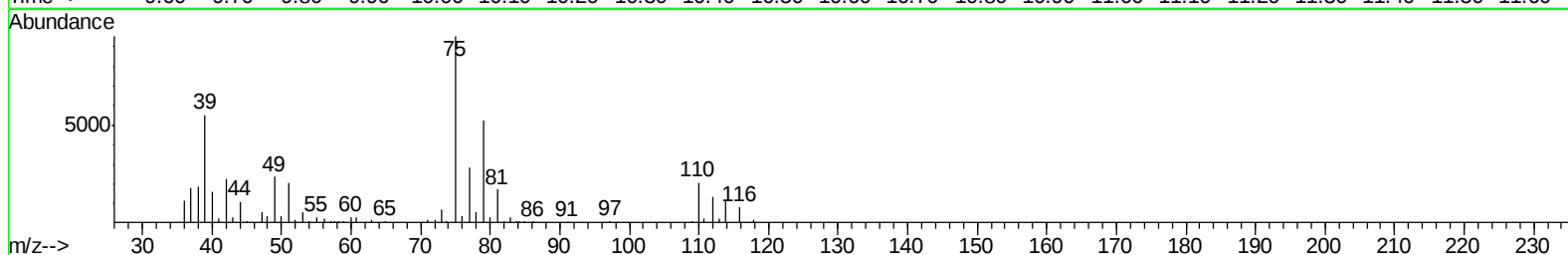
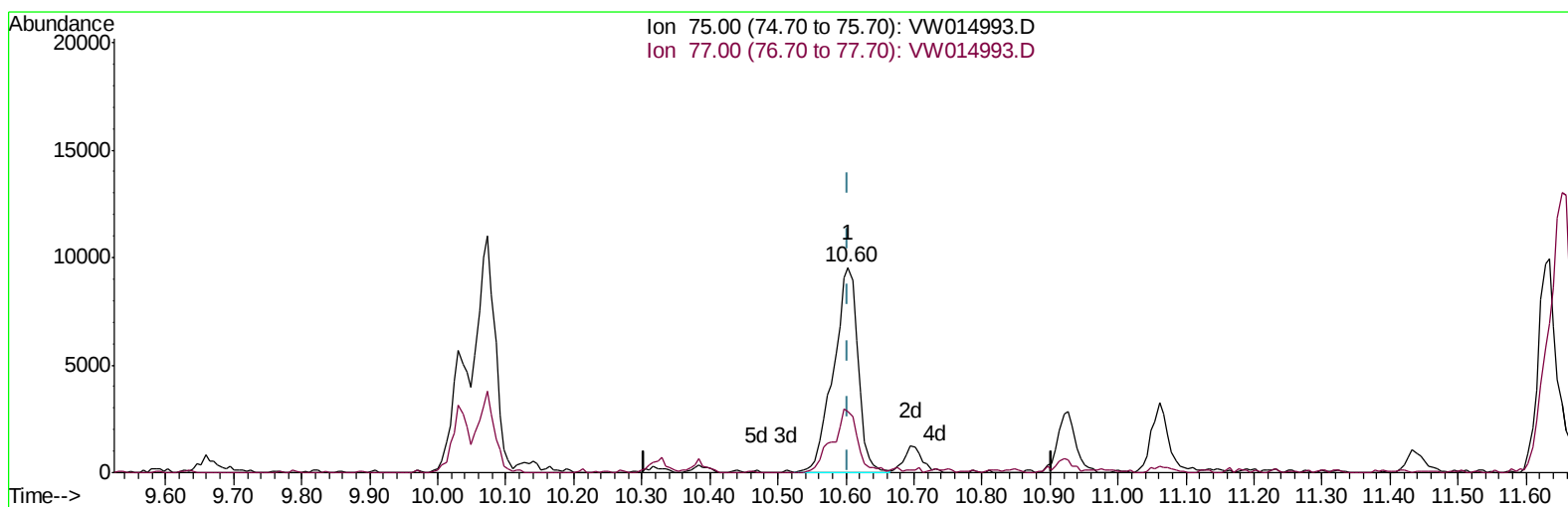
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TIC: VW014993.D

(44) trans-1,3-Dichloropropene (T)

10.603min (-0.000) 1.40ug/L

response 23921

Ion	Exp%	Act%
75.00	100	100
77.00	32.40	29.87
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :

MSVOA_W

ClientSampleId :

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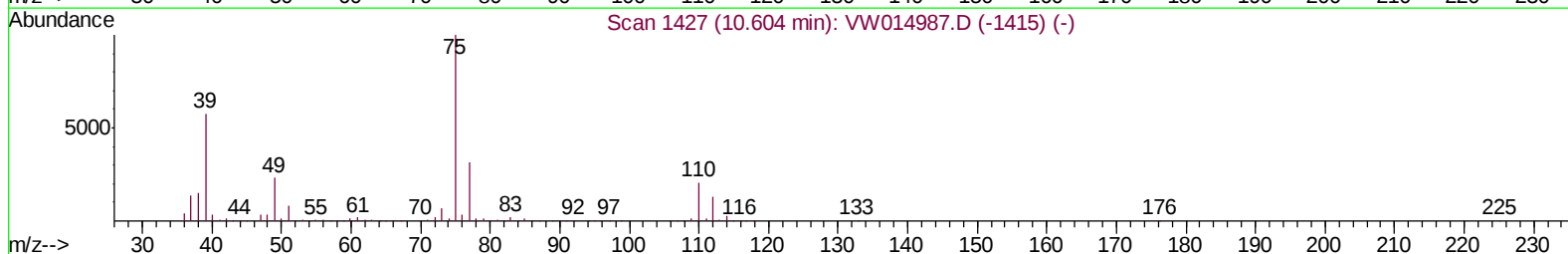
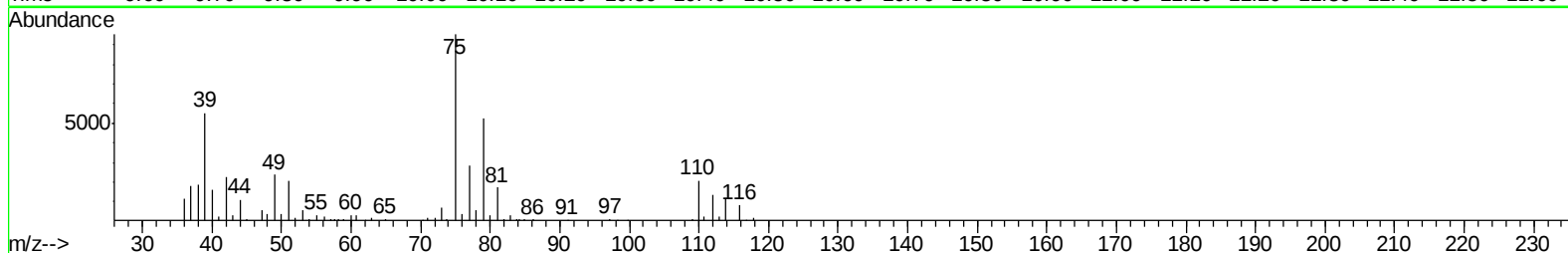
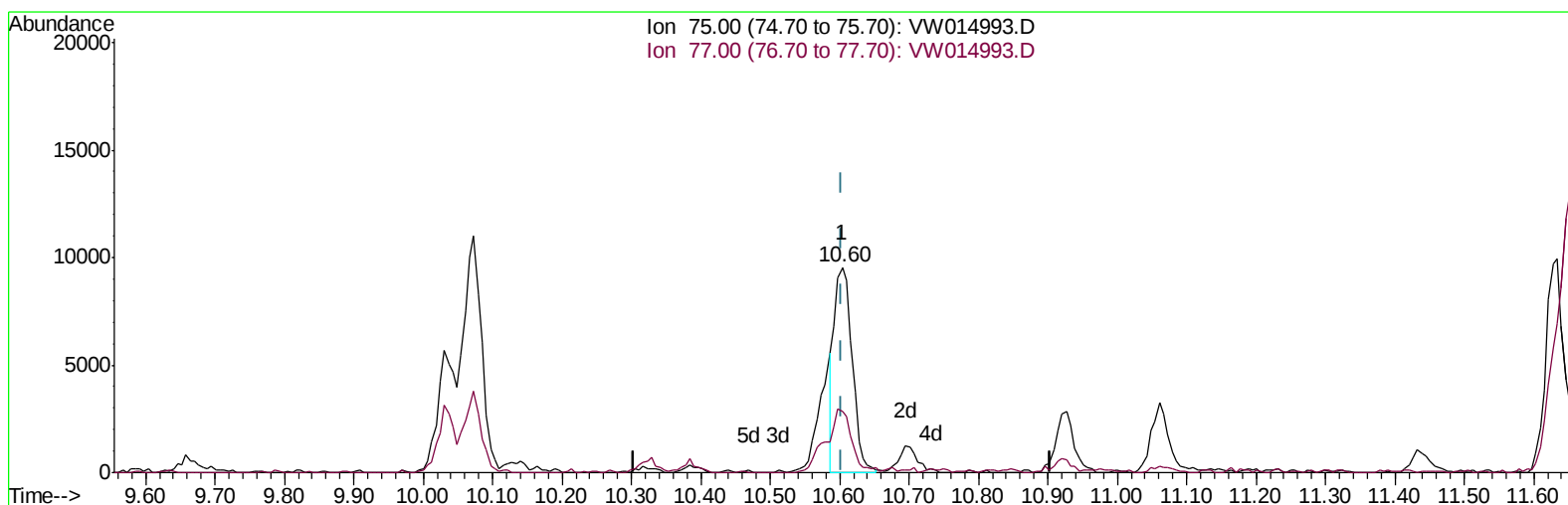
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TIC: VW014993.D

(44) trans-1,3-Dichloropropene (T)

10.603min (-0.000) 1.01ug/L m

response 17158

Ion	Exp%	Act%
75.00	100	100
77.00	32.40	29.87
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Feb 15 03:24:28 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	802047	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	749759	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	291749	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	352297	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.89	69	269852	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	4.01	63	480434	16.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.32%
21) 2-Butanone-d5	7.07	46	212472	47.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.40%
24) Chloroform-d	7.65	84	572324	22.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	8.31	65	359296	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
32) Benzene-d6	8.27	84	1161256	22.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.92%
36) 1,2-Dichloropropane-d6	9.27	67	400634	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
41) Toluene-d8	10.32	98	968201	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.84%
43) trans-1,3-Dichloropropene-	10.57	79	147980	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
47) 2-Hexanone-d5	10.92	63	144313	46.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.38%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	294868	22.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.96%
66) 1,2-Dichlorobenzene-d4	13.85	152	269247	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	6290m	0.789 ug/L	
3) Chloromethane	2.21	50	16525	1.103 ug/L	95
5) Vinyl chloride	2.36	62	20966m	1.087 ug/L	
6) Bromomethane	2.78	94	8945	1.022 ug/L	95
8) Chloroethane	2.92	64	10324	1.000 ug/L	90
9) Trichlorofluoromethane	3.26	101	6927	0.909 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	16586m	1.331 ug/L	
12) 1,1-Dichloroethene	4.03	96	15012	1.256 ug/L #	1
13) Acetone	4.13	43	14464	3.078 ug/L	69
14) Carbon disulfide	4.38	76	41545	0.961 ug/L	99
15) Methyl Acetate	4.68	43	8156m	1.000 ug/L	
16) Methylene chloride	4.91	84	41835	2.823 ug/L	97
17) trans-1,2-Dichloroethene	5.42	96	12055	1.000 ug/L	91
18) Methyl tert-butyl Ether	5.42	73	15011	1.008 ug/L #	88
19) 1,1-Dichloroethane	6.21	63	28025	1.040 ug/L	93
20) cis-1,2-Dichloroethene	7.17	96	12317	0.991 ug/L	87
22) 2-Butanone	7.17	43	15978m	2.828 ug/L	

Data File : VW014993.D
Acq On : 14 Feb 2020 13:18
Operator : SY/VA
Sample : MDL06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
2/17/2020 3:46:25 PM

Quant Time: Feb 15 03:24:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Feb 15 03:16:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	5286	1.048	ug/L #	79
25) Chloroform	7.68	83	27460	1.144	ug/L	89
27) 1,2-Dichloroethane	8.40	62	19251	1.091	ug/L	96
29) Cyclohexane	7.95	56	20293	0.830	ug/L	94
30) 1,1,1-Trichloroethane	7.87	97	18756	1.028	ug/L	98
31) Carbon tetrachloride	8.07	117	16555	1.007	ug/L	95
33) Benzene	8.32	78	57620	1.047	ug/L	100
34) Trichloroethene	9.09	95	13198	1.001	ug/L	96
35) Methylcyclohexane	9.33	83	19235	0.846	ug/L	90
37) 1,2-Dichloropropane	9.37	63	15820	1.029	ug/L #	91
38) Bromodichloromethane	9.64	83	17088	0.987	ug/L #	99
39) cis-1,3-Dichloropropene	10.07	75	19344	0.940	ug/L	93
40) 4-Methyl-2-pentanone	10.21	43	21847	1.996	ug/L	100
42) Toluene	10.38	91	56262	1.058	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	17158m	1.006	ug/L	
45) 1,1,2-Trichloroethane	10.78	97	9442	1.012	ug/L	94
46) Tetrachloroethene	10.87	164	8533	0.997	ug/L	92
48) 2-Hexanone	10.97	43	16021	2.009	ug/L	99
49) Dibromochloromethane	11.13	129	9009	0.927	ug/L	88
50) 1,2-Dibromoethane	11.24	107	8737	1.039	ug/L #	99
51) Chlorobenzene	11.66	112	31849	1.015	ug/L	98
52) Ethylbenzene	11.73	91	50623	0.874	ug/L	97
53) m,p-Xylene	11.83	106	17164	0.844	ug/L	92
54) o-Xylene	12.16	106	15209	0.797	ug/L	98
55) Styrene	12.18	104	23523	0.715	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.71	83	14450	1.158	ug/L #	90
59) Bromoform	12.35	173	5224	1.171	ug/L #	93
60) Isopropylbenzene	12.46	105	37554	0.822	ug/L	97
61) 1,2,3-Trichloropropane	12.77	75	10420	1.219	ug/L	95
62) 1,3,5-Trimethylbenzene	12.94	105	29073	0.798	ug/L	96
63) 1,2,4-Trimethylbenzene	13.25	105	28930	0.812	ug/L	96
64) 1,3-Dichlorobenzene	13.50	146	18859	1.002	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	20928	1.078	ug/L	92
67) 1,2-Dichlorobenzene	13.87	146	19767	1.135	ug/L	98
69) 1,3,5-Trichlorobenzene	14.63	180	12527	0.993	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	8132	0.860	ug/L	99
71) Naphthalene	15.36	128	6829	0.703	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.56	180	7927	0.904	ug/L #	88

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

Data File : VW014993.D

Acq On : 14 Feb 2020 13:18

Operator : SY/VA

Sample : MDL06

Misc : 5.00G/10ML/MSVOA W/SOIL

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
2/17/2020 3:46:25 PM

Quant Time: Feb 15 03:24:28 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M

Quant Title : SFAM01.0

QLast Update : Sat Feb 15 03:16:02 2020

Response via : Initial Calibration

