

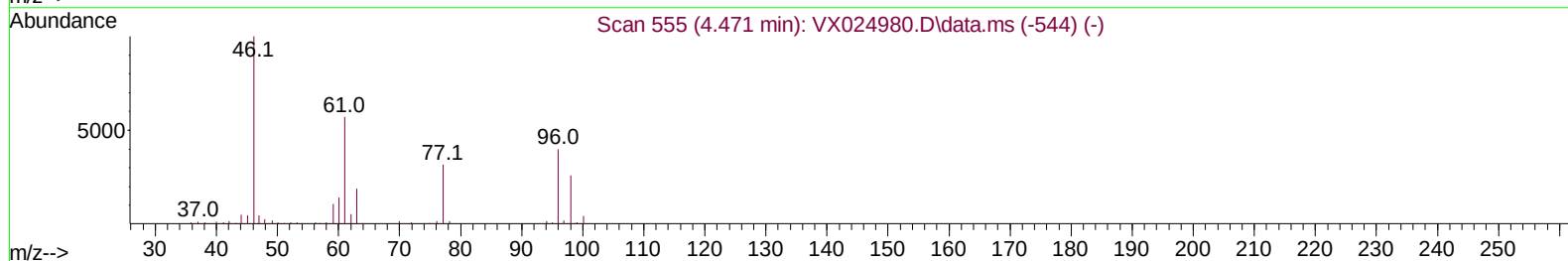
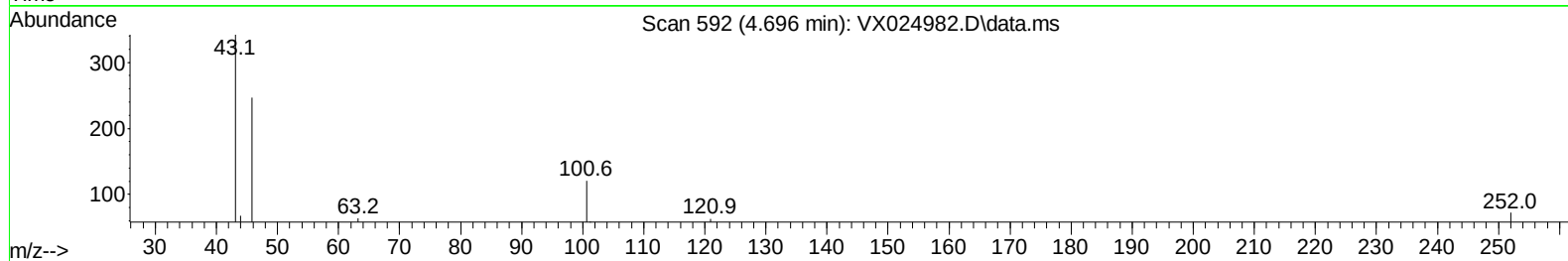
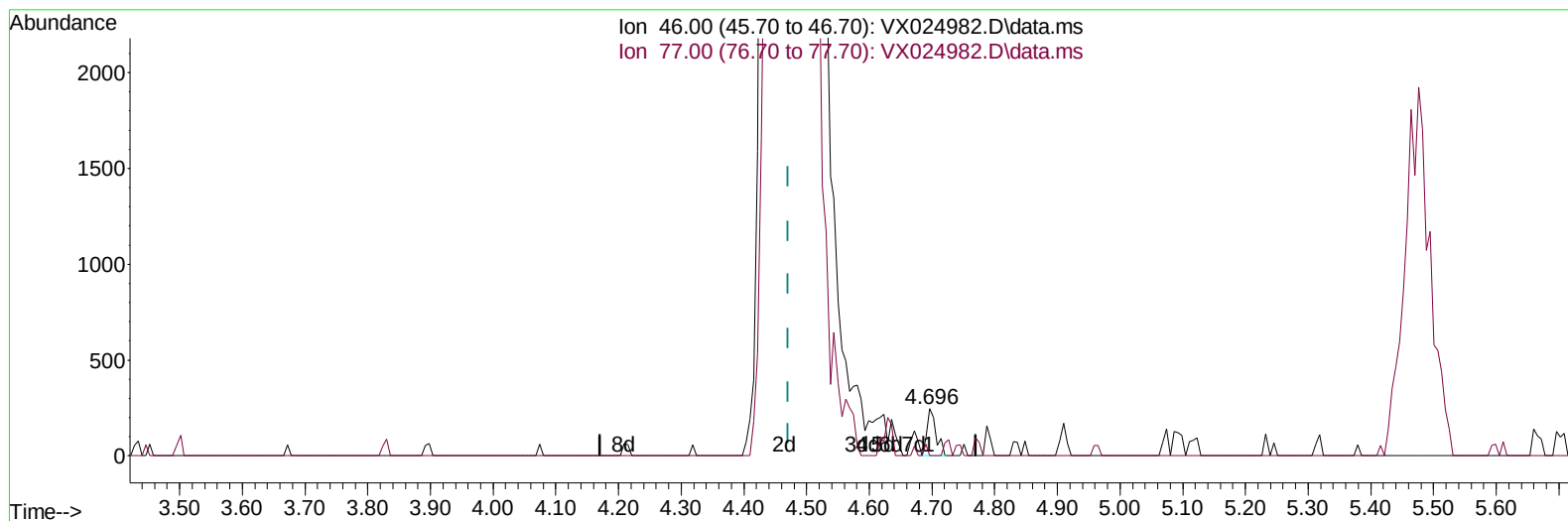
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX024982.D
 Acq On : 27 Oct 2021 20:13
 Operator : JC/MD
 Sample : VSTD20021
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200621

Manual Integrations
 APPROVED

MMDadoda
 11/1/2021 12:57:10 PM

Quant Time: Oct 28 04:36:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 04:33:56 2021
 Response via : Initial Calibration



TIC: VX024982.D\data.ms

(21) 2-Butanone-d5 (S)

4.696min (+ 0.225) 0.34 ug/L

response 251

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	20.60	21.91
0.00	0.00	0.00
0.00	0.00	0.00

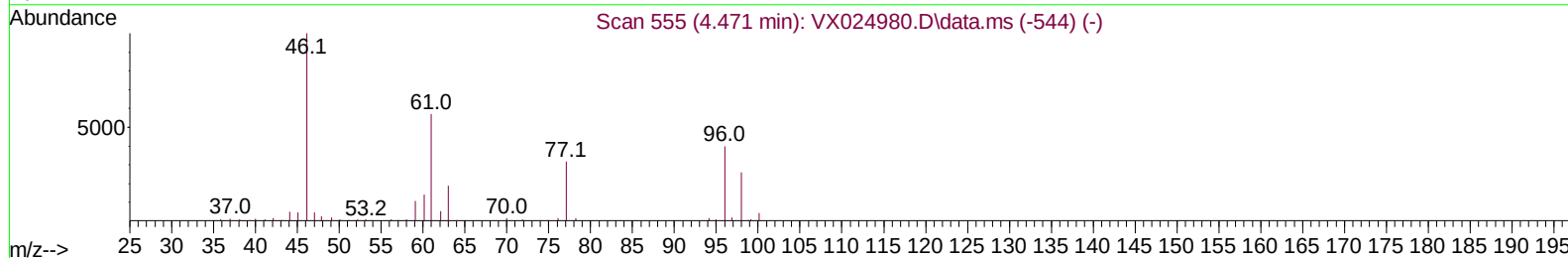
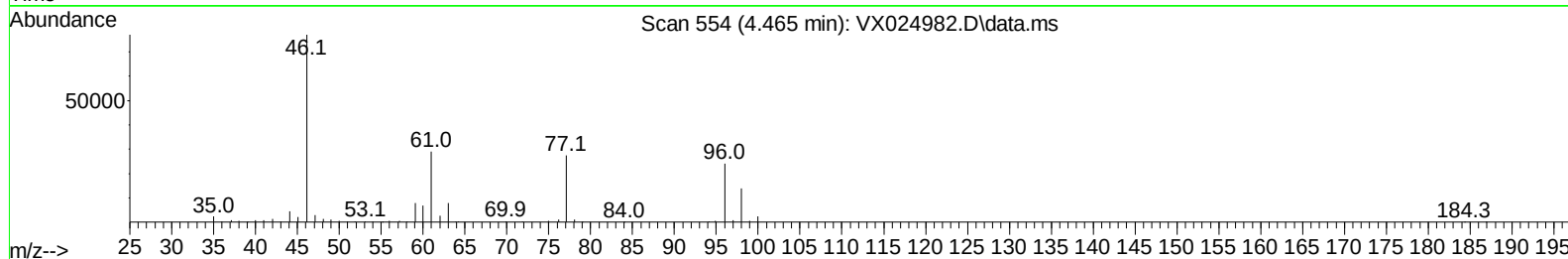
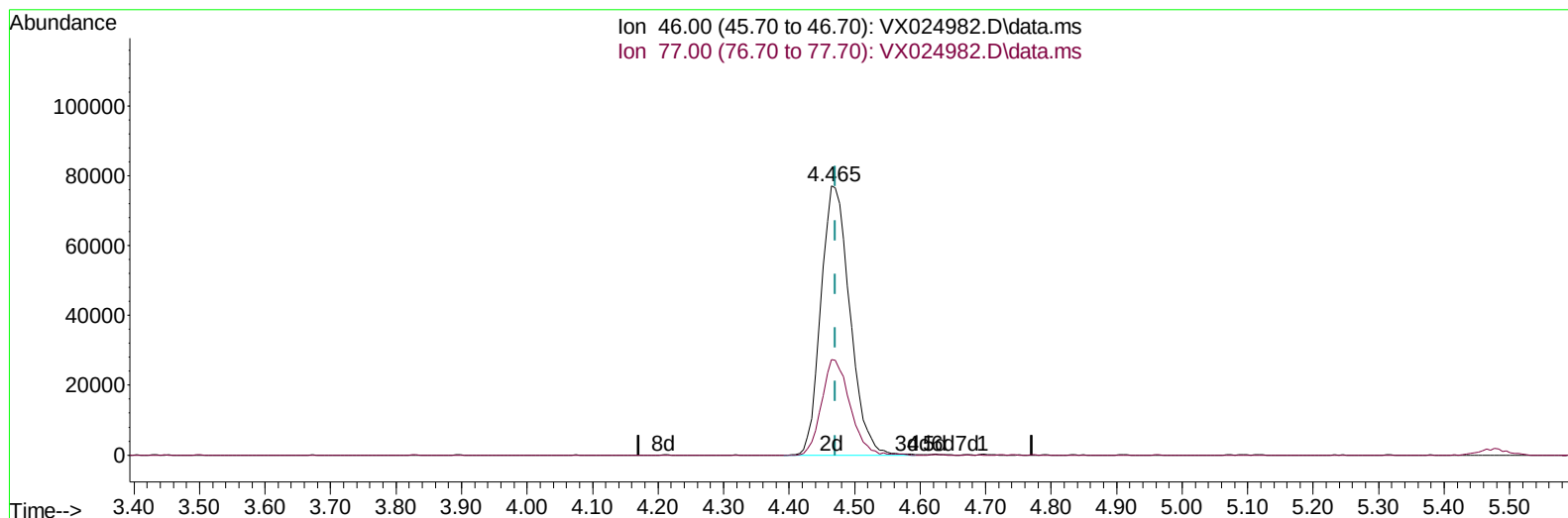
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(21) 2-Butanone-d5 (S)

4.465min (-0.006) 317.36 ug/L m

response 236262

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	20.60	0.02#
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	154253	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143934	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76874	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	116992	131.714	ug/L	0.00
7) Chloroethane-d5	1.666	69	75460	127.642	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	399728	210.860	ug/L	0.00
21) 2-Butanone-d5	4.465	46	236262m	317.364	ug/L	0.00
24) Chloroform-d	5.068	84	517940	252.631	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	323678	226.690	ug/L	0.00
32) Benzene-d6	5.983	84	775074	191.906	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	230942	184.100	ug/L	0.00
41) Toluene-d8	8.653	98	796876	200.466	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	161363	246.463	ug/L	0.00
47) 2-Hexanone-d5	9.397	63	228660	386.171	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	11.195	84	354658	198.449	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	308233	203.871	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	294530	209.814	ug/L	97
3) Chloromethane	1.288	50	88845	90.317	ug/L	92
5) Vinyl chloride	1.374	62	122073	119.265	ug/L	97
6) Bromomethane	1.611	94	96298	163.050	ug/L	93
8) Chloroethane	1.685	64	60696	110.907	ug/L	99
9) Trichlorofluoromethane	1.886	101	415589	244.716	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	240605	235.222	ug/L	99
12) 1,1-Dichloroethene	2.319	96	193757	213.862	ug/L	88
13) Acetone	2.392	43	162963	230.339	ug/L	100
14) Carbon disulfide	2.514	76	496355	197.962	ug/L	99
15) Methyl Acetate	2.709	43	148456	131.576	ug/L	99
16) Methylene chloride	2.794	84	210196	199.541	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	209589	209.477	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	785626	231.497	ug/L	99
19) 1,1-Dichloroethane	3.611	63	376462	201.384	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	241010	212.907	ug/L	94
22) 2-Butanone	4.568	43	228072	243.016	ug/L	99
23) Bromochloromethane	4.904	128	126281	212.489	ug/L	97
25) Chloroform	5.099	83	504307	229.943	ug/L	99
27) 1,2-Dichloroethane	6.092	62	382414	225.312	ug/L	100
29) Cyclohexane	5.477	56	289085	169.512	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	527937	261.451	ug/L	98
31) Carbon tetrachloride	5.684	117	478448	268.858	ug/L	99
33) Benzene	6.044	78	836154	191.306	ug/L	100
34) Trichloroethene	7.129	95	276706	220.848	ug/L	97
35) Methylcyclohexane	7.385	83	380855	197.999	ug/L	98
37) 1,2-Dichloropropane	7.440	63	197944	173.137	ug/L	99
38) Bromodichloromethane	7.824	83	390571	249.911	ug/L	97
39) cis-1,3-Dichloropropene	8.372	75	394461	222.587	ug/L	99
40) 4-Methyl-2-pentanone	8.586	43	431290	262.093	ug/L	99
42) Toluene	8.726	91	979324	198.177	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.982	75	418464	237.558	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	238487	207.233	ug/L	97
46) Tetrachloroethene	9.281	164	197146	207.438	ug/L	94
48) 2-Hexanone	9.439	43	342508	256.763	ug/L	98
49) Dibromochloromethane	9.525	129	324380	261.407	ug/L	99
50) 1,2-Dibromoethane	9.616	107	283330	223.287	ug/L #	98
51) Chlorobenzene	10.086	112	637886	209.519	ug/L	98
52) Ethylbenzene	10.201	91	1163961	222.803	ug/L	98
53) m,p-Xylene	10.305	106	416376	208.997	ug/L	100
54) o-Xylene	10.646	106	408834	204.858	ug/L	97
55) Styrene	10.659	104	690859	207.849	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.219	83	364916	199.839	ug/L	98
59) Bromoform	10.805	173	216555	238.775	ug/L #	95
60) Isopropylbenzene	10.970	105	1190828	220.258	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	310976	194.147	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	1066406	222.985	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	1055858	224.935	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	501171	202.713	ug/L	96
65) 1,4-Dichlorobenzene	12.049	146	506822	203.956	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	503593	206.759	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	106601	238.056	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	361055	200.200	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	324149	212.275	ug/L	98
71) Naphthalene	13.780	128	1158741	227.052	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	331331	210.392	ug/L	97

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

