

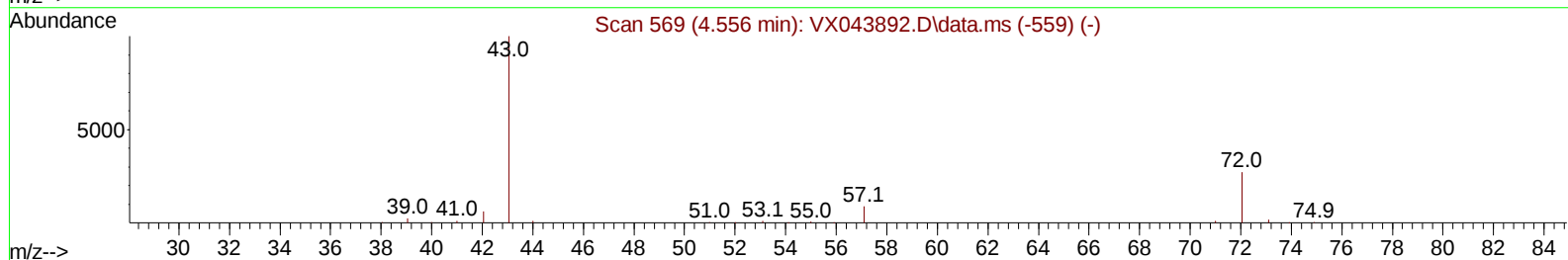
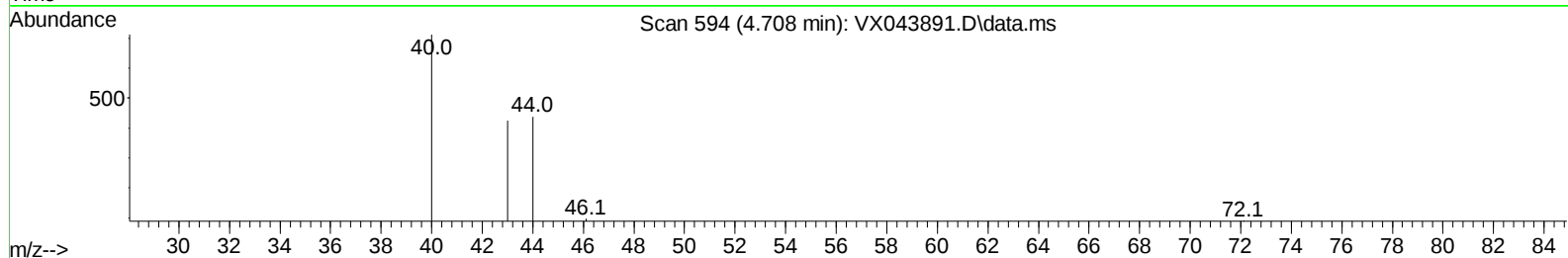
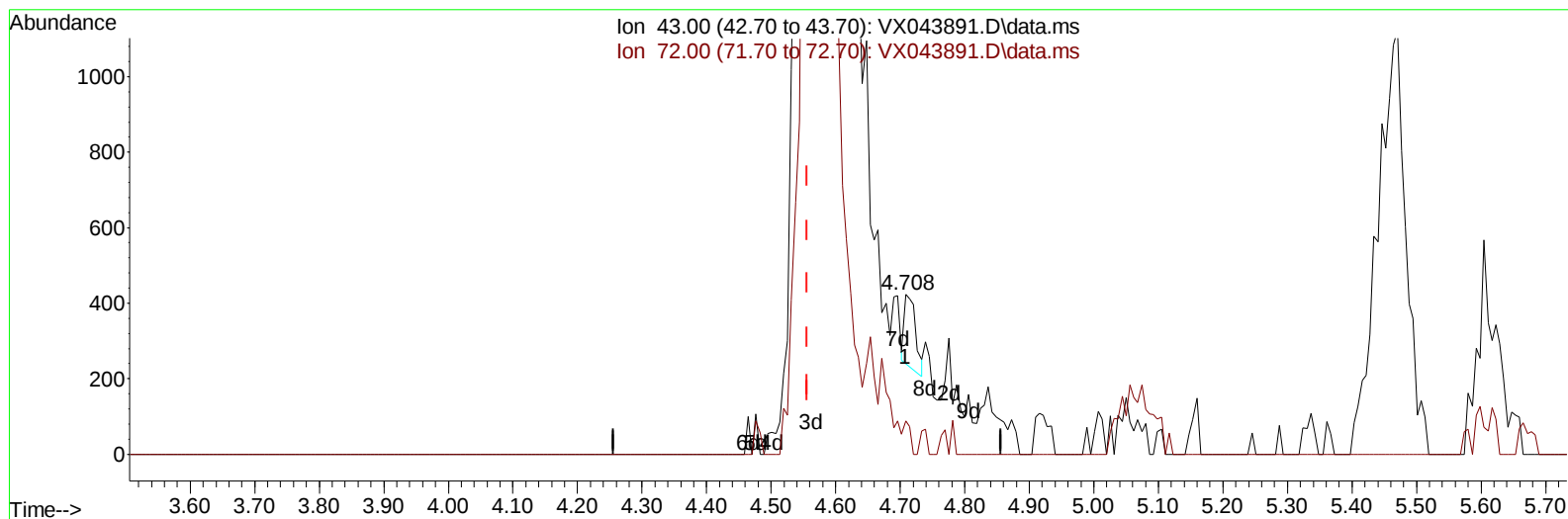
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
Data File : VX043891.D
Acq On : 19 Nov 2024 10:30
Operator : JC/MD
Sample : VSTD01043
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD010643

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:09:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111924WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 23:08:38 2024
Response via : Initial Calibration

Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



TIC: VX043891.D\data.ms

(22) 2-Butanone (T)

4.708min (+ 0.152) 0.12 ug/L

response 227

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.20	26.43
0.00	0.00	0.00
0.00	0.00	0.00

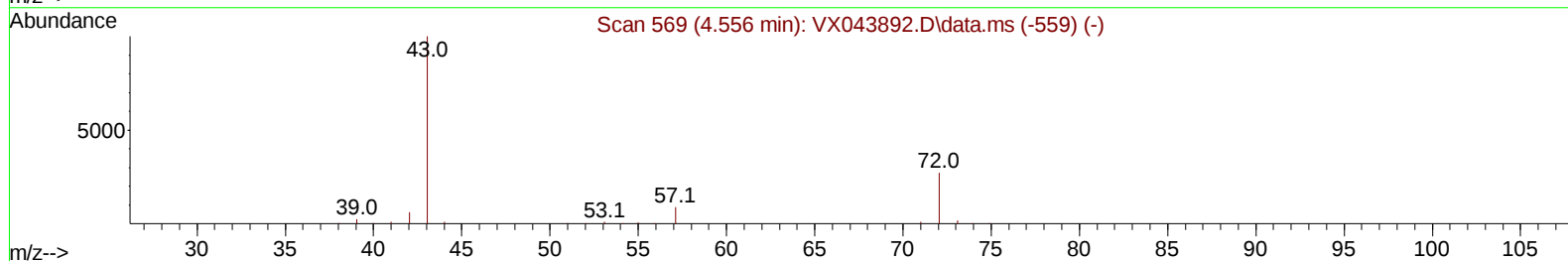
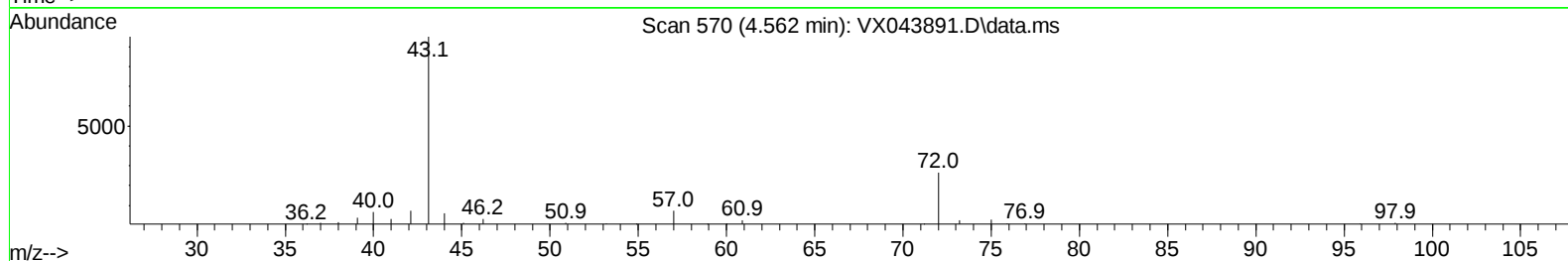
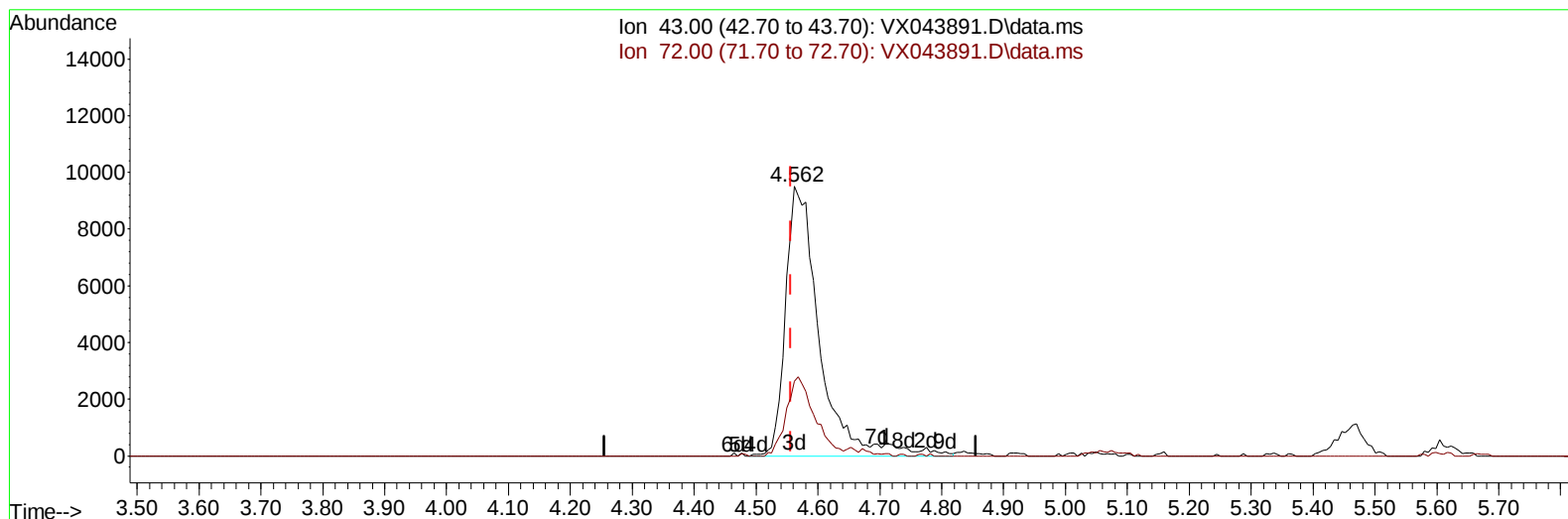
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(22) 2-Butanone (T)

4.562min (+ 0.006) 19.71 ug/L m

response 36040

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.20	0.17#
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	6.757	114	323258	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231014	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	24600	9.539	ug/L	0.00
7) Chloroethane-d5	1.648	69	10569	9.627	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	9973	9.622	ug/L	0.00
21) 2-Butanone-d5	4.464	46	29834	19.250	ug/L	0.01
24) Chloroform-d	5.050	84	45757	9.575	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	31467	9.919	ug/L	0.00
32) Benzene-d6	5.970	84	87534	11.490	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	27111	11.775	ug/L	0.00
41) Toluene-d8	8.647	98	81340	12.171	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	10817	10.382	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	17204	20.013	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	30959	10.664	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	23321	10.880	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23887	9.006	ug/L	98
3) Chloromethane	1.294	50	25708	9.479	ug/L	98
5) Vinyl chloride	1.374	62	25730	9.331	ug/L	94
6) Bromomethane	1.599	94	10588	9.219	ug/L	97
8) Chloroethane	1.666	64	12798	11.038	ug/L	95
9) Trichlorofluoromethane	1.867	101	33034	8.953	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	20349	9.252	ug/L	99
12) 1,1-Dichloroethene	2.306	96	18941	9.457	ug/L #	82
13) Acetone	2.386	43	27082	19.879	ug/L	97
14) Carbon disulfide	2.501	76	34643	8.138	ug/L #	94
15) Methyl Acetate	2.703	43	24917	9.777	ug/L	99
16) Methylene chloride	2.782	84	22511	9.585	ug/L	93
17) trans-1,2-Dichloroethene	3.081	96	20439	9.529	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	74327	9.364	ug/L	100
19) 1,1-Dichloroethane	3.599	63	40253	9.420	ug/L	91
20) cis-1,2-Dichloroethene	4.477	96	24337	9.333	ug/L	90
22) 2-Butanone	4.562	43	36040m	19.708	ug/L	
23) Bromochloromethane	4.897	128	12412	9.263	ug/L	83
25) Chloroform	5.086	83	44764	9.592	ug/L	92
27) 1,2-Dichloroethane	6.086	62	33898	9.209	ug/L #	95
29) Cyclohexane	5.464	56	33531	11.159	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	33545	10.524	ug/L	97
31) Carbon tetrachloride	5.665	117	26614	10.294	ug/L	97
33) Benzene	6.031	78	88448	11.453	ug/L	100
34) Trichloroethene	7.123	95	24258	11.446	ug/L	97
35) Methylcyclohexane	7.372	83	33259	11.478	ug/L	99
37) 1,2-Dichloropropane	7.427	63	23275	11.613	ug/L #	97
38) Bromodichloromethane	7.818	83	26657	10.605	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	35434	11.220	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	62381	22.735	ug/L	98
42) Toluene	8.714	91	91845	11.802	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.976	75	28549	10.057	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	21115	10.713	ug/L	93
46) Tetrachloroethene	9.268	164	13935	10.091	ug/L	94
48) 2-Hexanone	9.433	43	43775	21.137	ug/L	96
49) Dibromochloromethane	9.518	129	16422	9.013	ug/L	99
50) 1,2-Dibromoethane	9.610	107	21303	10.261	ug/L	93
51) Chlorobenzene	10.079	112	49081	10.167	ug/L	98
52) Ethylbenzene	10.195	91	83634	10.196	ug/L	97
53) m,p-Xylene	10.299	106	31568	10.362	ug/L	96
54) o-Xylene	10.640	106	33359	10.876	ug/L	97
55) Styrene	10.652	104	51805	10.203	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	30316	10.276	ug/L	98
59) Bromoform	10.799	173	10192	9.008	ug/L	99
60) Isopropylbenzene	10.963	105	85895	10.794	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	24945	10.842	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	64967	10.333	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	63603	10.146	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	33922	10.160	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	33659	10.153	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	37577	10.870	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	5631	9.779	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	21388	9.928	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	18045	9.084	ug/L	98
71) Naphthalene	13.774	128	67516	9.137	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	19098	9.542	ug/L	98

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

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