

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010338.D
 Acq On : 09 May 2019 15:55
 Operator : SY/VA
 Sample : K2551-22
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PT-VOA-SOIL

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.319	63	68	84	rBV	247489	511000	1.30%	0.121%
2	3.404	239	246	254	rBV	204696	472734	1.20%	0.112%
3	3.837	304	317	331	rBV	635067	1896193	4.82%	0.450%
4	4.117	353	363	384	rVB	979354	2618797	6.65%	0.621%
5	4.910	477	493	525	rBV	1902848	7635831	19.40%	1.812%
6	5.422	561	577	593	rBV	375350	1322110	3.36%	0.314%
7	6.208	690	706	714	rBV	3470657	10460331	26.58%	2.482%
8	6.306	714	722	736	rVB	4249985	13024108	33.09%	3.090%
9	7.165	851	863	882	rBV2	2768909	7393300	18.79%	1.754%
10	7.878	968	980	985	rBV	986557	2360491	6.00%	0.560%
11	7.946	985	991	1000	rVV	1969545	4294665	10.91%	1.019%
12	8.061	1000	1010	1031	rVB	3923768	9738501	24.75%	2.310%
13	8.317	1039	1052	1059	rBV3	2947688	7437160	18.90%	1.764%
14	8.397	1059	1065	1073	rVV	2611444	5563266	14.14%	1.320%
15	8.500	1073	1082	1095	rVB	5586736	12371618	31.44%	2.935%
16	8.842	1127	1138	1149	rBV	2928624	5793089	14.72%	1.374%
17	9.086	1162	1178	1194	rBV	5678579	11042606	28.06%	2.620%
18	9.366	1212	1224	1232	rBV	8279139	15884303	40.36%	3.769%
19	9.457	1232	1239	1251	rVB	2512259	4829295	12.27%	1.146%
20	10.073	1330	1340	1347	rBV	2513852	4464880	11.35%	1.059%
21	10.207	1356	1362	1373	rVV	3697976	6403739	16.27%	1.519%
22	10.323	1373	1381	1386	rVV	4362918	7719687	19.62%	1.831%
23	10.384	1386	1391	1403	rVB	18454547	32417068	82.37%	7.691%
24	10.604	1419	1427	1437	rBV	2088565	3426294	8.71%	0.813%
25	10.787	1449	1457	1463	rBV	3717375	6376219	16.20%	1.513%
26	10.860	1463	1469	1478	rVB	6342149	10830691	27.52%	2.570%
27	10.969	1478	1487	1498	rBV	1202814	1949452	4.95%	0.463%
28	11.232	1523	1530	1542	rVB	1495920	2666669	6.78%	0.633%
29	11.658	1586	1600	1606	rBV2	10106182	23260660	59.10%	5.519%
30	11.731	1606	1612	1622	rVV	24174101	39355153	100.00%	9.337%
31	11.841	1622	1630	1643	rVB	7177661	13566344	34.47%	3.219%
32	12.164	1673	1683	1691	rBV	8223513	13018677	33.08%	3.089%
33	12.622	1750	1758	1766	rBV	2951387	4751137	12.07%	1.127%
34	12.719	1766	1774	1778	rVV	3793263	6399773	16.26%	1.518%

LSC Area Percent Report

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.768	1778	1782	1794	rVB	3023355	4948871	12.57%	1.174%
36	12.945	1804	1811	1823	rVB	7214926	10544863	26.79%	2.502%
37	13.256	1847	1862	1869	rBV	12020487	18544479	47.12%	4.400%
38	13.499	1895	1902	1908	rBV	15507194	24559480	62.40%	5.827%
39	13.573	1908	1914	1924	rVB2	5912262	14390610	36.57%	3.414%
40	13.871	1950	1963	1974	rBV	9585690	15362163	39.03%	3.645%
41	14.487	2057	2064	2075	rBV	1477352	2436274	6.19%	0.578%
42	15.139	2162	2171	2185	rBV	12530003	20809427	52.88%	4.937%
43	15.371	2201	2209	2217	rBV	5040957	8645162	21.97%	2.051%

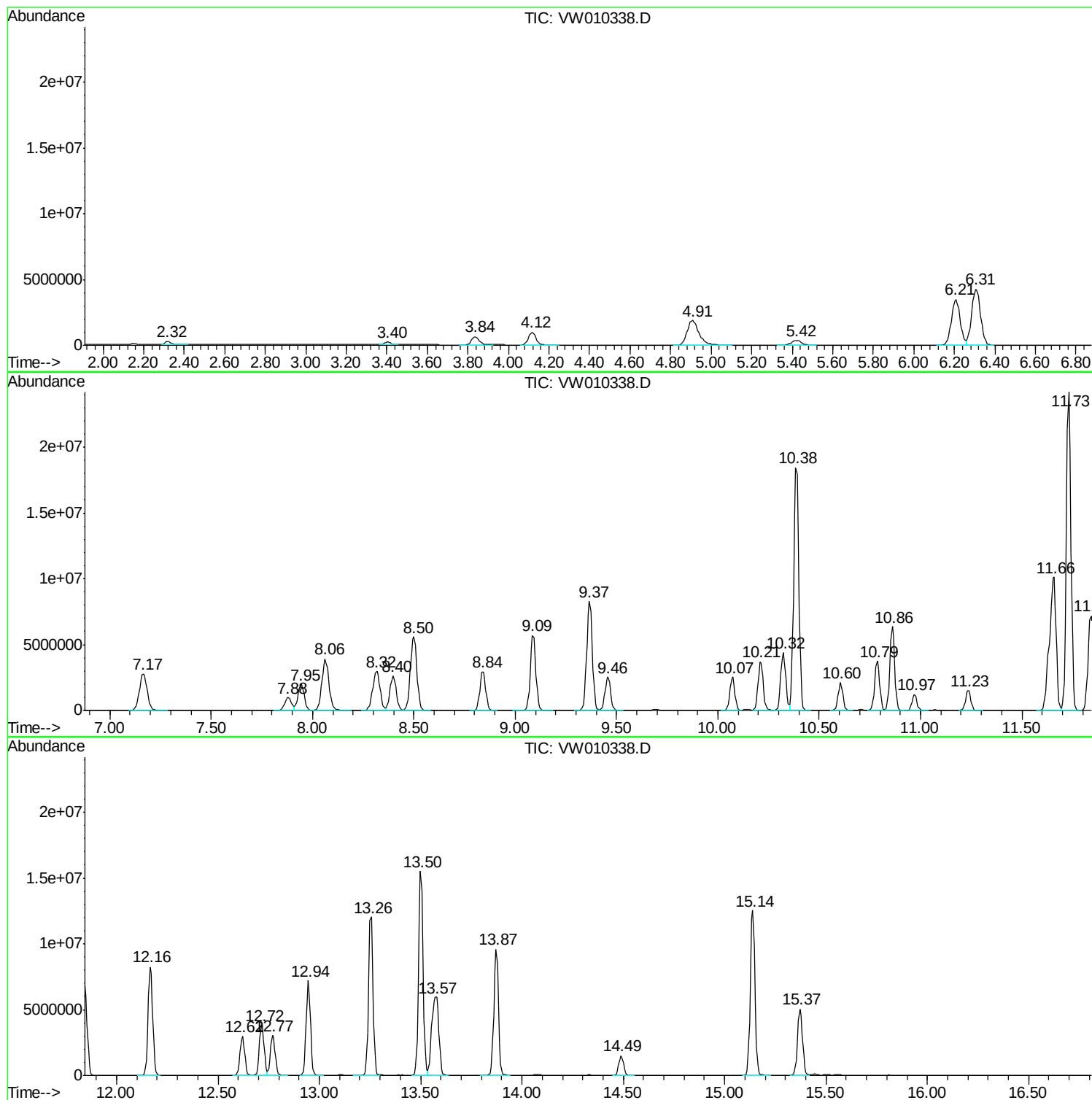
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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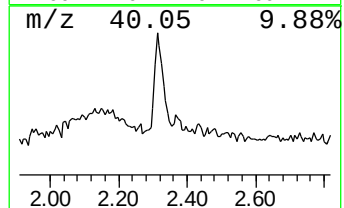
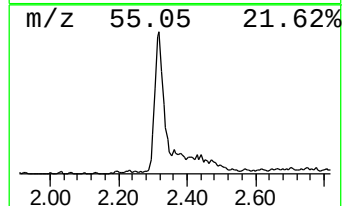
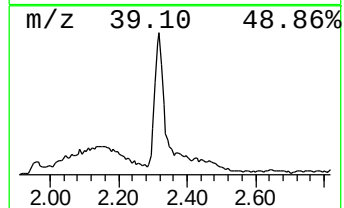
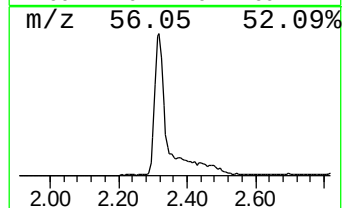
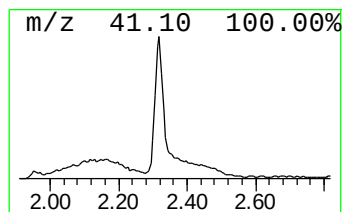
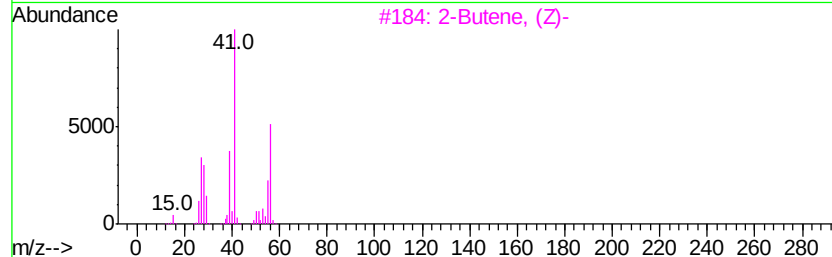
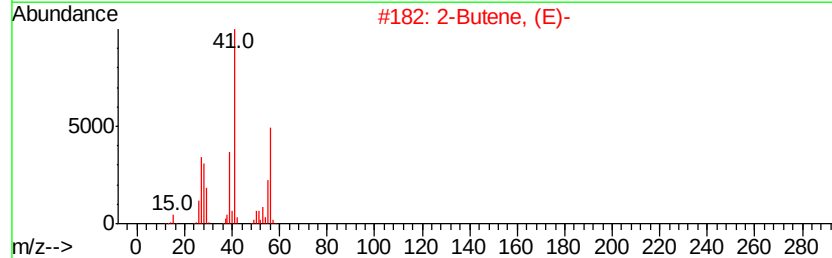
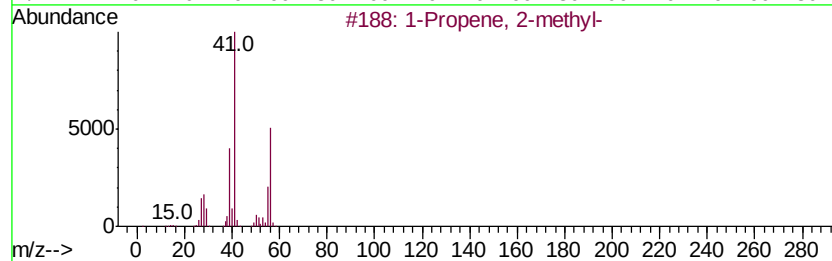
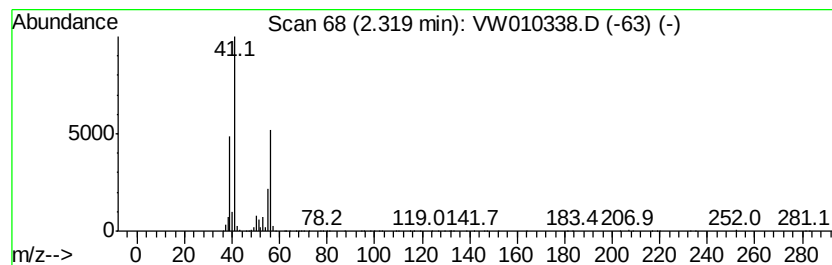
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	5.95 ug/l	511000	Pentafluorobenzene	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2			2-Butene, (E)-	56	C4H8	000624-64-6	80
3			2-Butene, (Z)-	56	C4H8	000590-18-1	80
4			2-Butene	56	C4H8	000107-01-7	72
5			1-Butene	56	C4H8	000106-98-9	49



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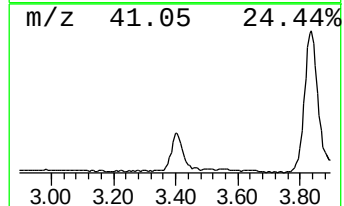
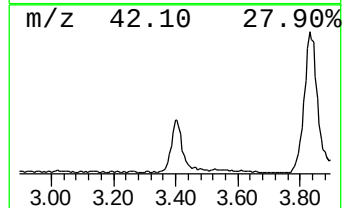
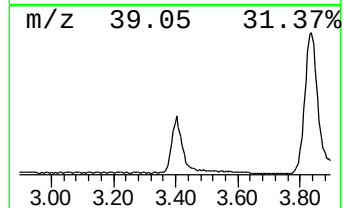
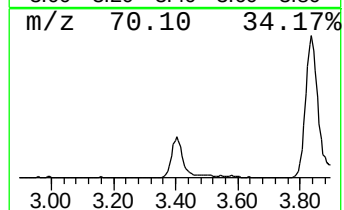
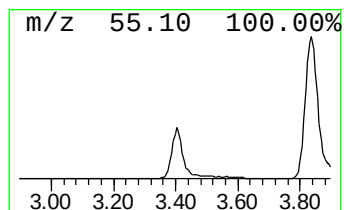
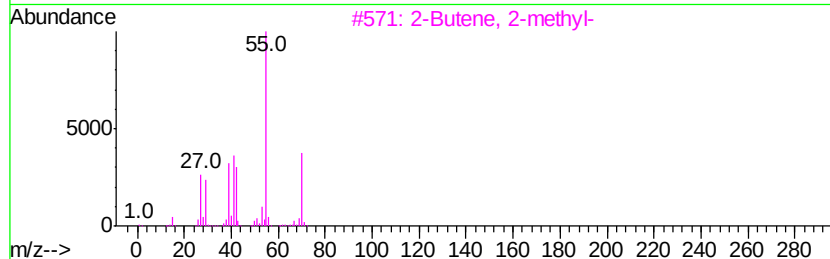
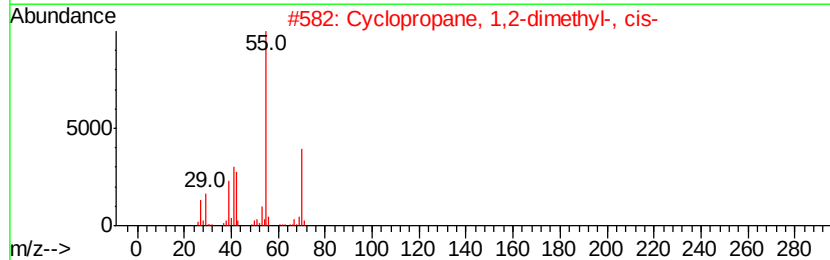
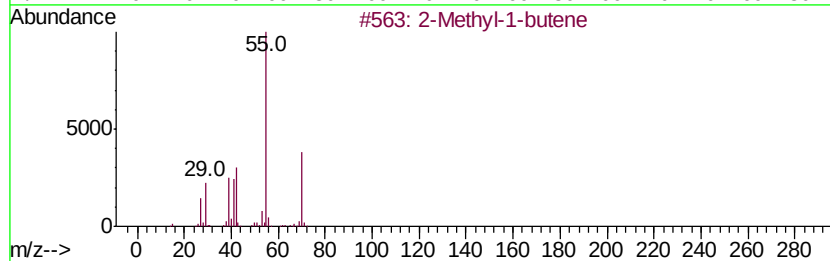
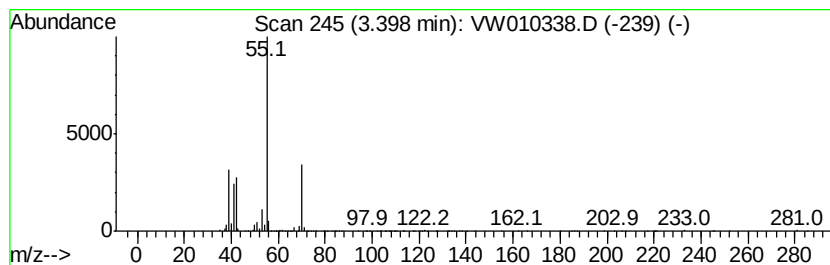
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Methyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	5.50 ug/l	472734	Pentafluorobenzene	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyl-1-butene	70	C5H10	000563-46-2	87
2			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	83
3			2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
4			2-Pentene, (Z)-	70	C5H10	000627-20-3	80
5			1-Butene, 3-methyl-	70	C5H10	000563-45-1	80



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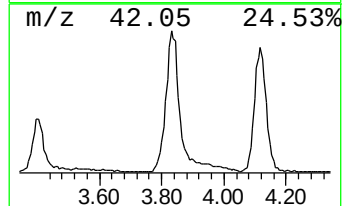
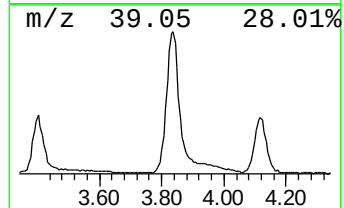
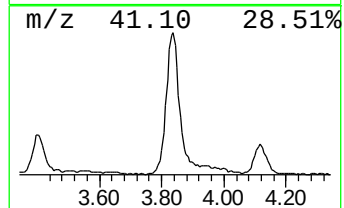
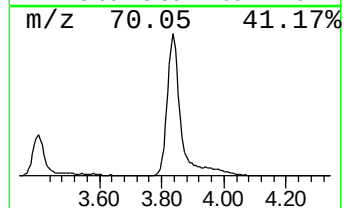
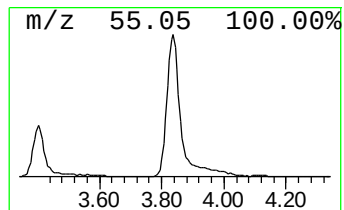
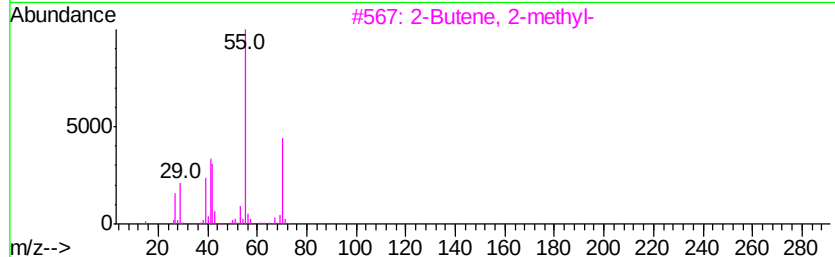
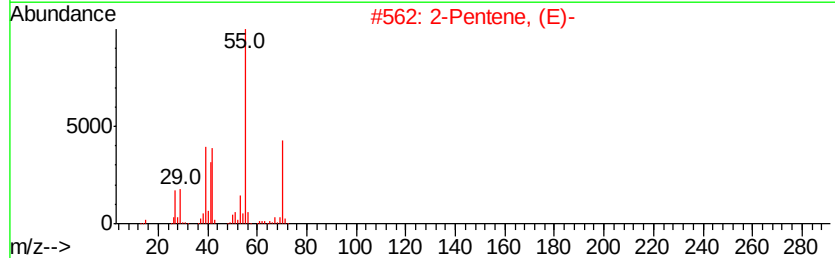
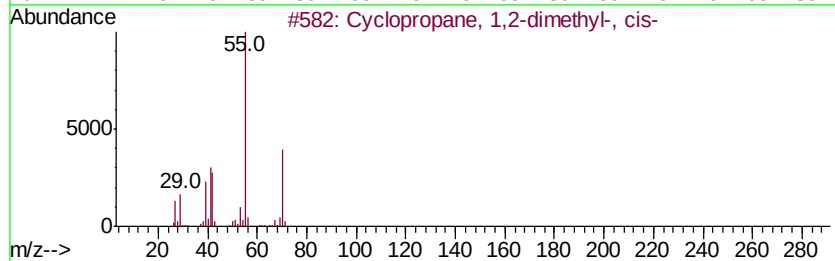
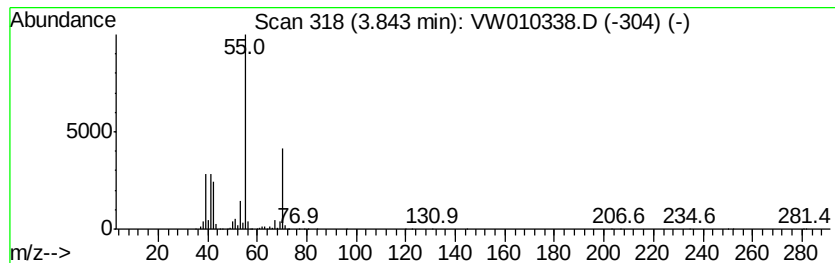
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopropane, 1,2-dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	22.08 ug/l	1896190	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2		2-Pentene, (E)-	70	C5H10	000646-04-8	87
3		2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
4		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	74
5		2-Methyl-1-butene	70	C5H10	000563-46-2	72



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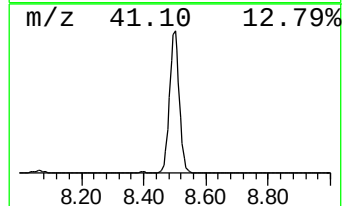
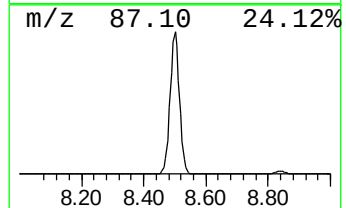
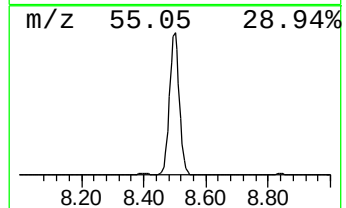
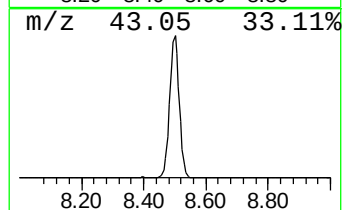
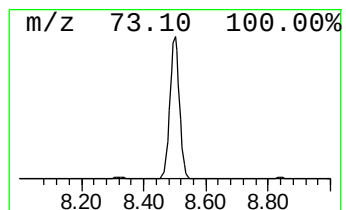
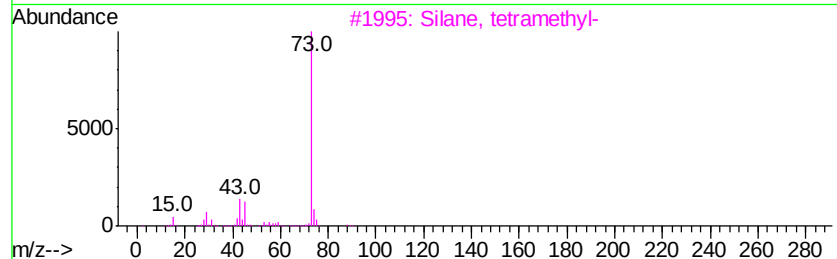
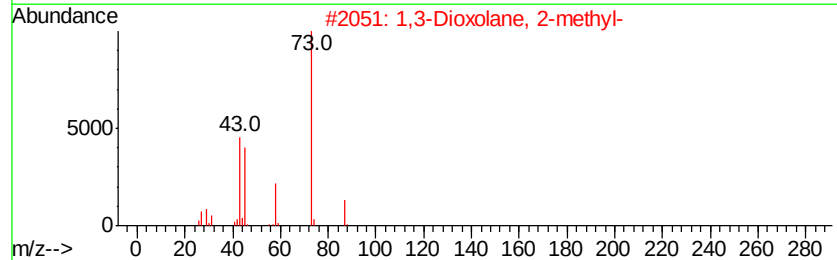
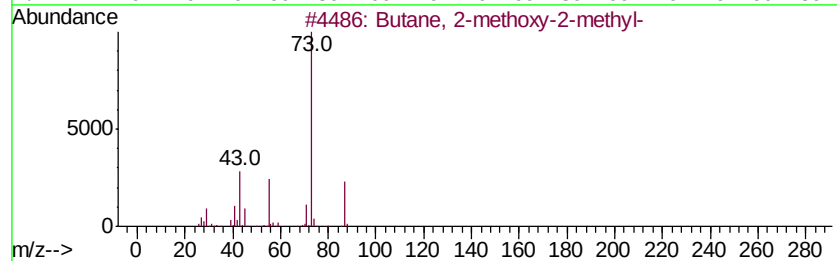
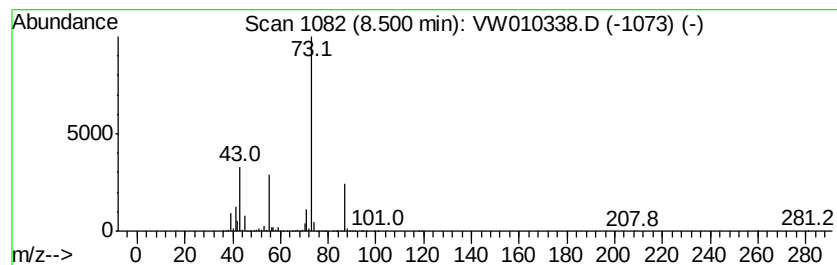
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	106.78 ug/l	12371600	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Propene, 2-methyl-	2.32	6.0	ug/l	511000	1	7.95	4294670	50.0
2-Methyl-1-butene	3.40	5.5	ug/l	472734	1	7.95	4294670	50.0
Cyclopropane, 1,2...	3.84	22.1	ug/l	1896190	1	7.95	4294670	50.0
Butane, 2-methoxy...	8.50	106.8	ug/l	12371600	2	8.84	5793090	50.0