

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070014.D
 Acq On : 09 Aug 2021 23:40
 Operator : VA/SY
 Sample : M3328-01
 Misc : 9.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210457-43

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 >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Title : SW846 8260

Signal : TIC: VD070014.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.950	3	5	9	rVB	82400	81179	1.49%	0.243%
2	2.315	62	67	69	rBV	51876	78137	1.43%	0.234%
3	2.344	69	72	78	rVB	57328	85259	1.56%	0.255%
4	2.491	92	97	105	rVB	113384	186507	3.41%	0.558%
5	4.156	366	380	388	rBV	113863	319416	5.84%	0.955%
6	4.238	388	394	403	rVB2	109372	293641	5.37%	0.878%
7	4.409	412	423	435	rBV	106136	303600	5.55%	0.908%
8	4.956	502	516	517	rBV4	27017	55853	1.02%	0.167%
9	6.914	841	849	861	rBV3	20166	60861	1.11%	0.182%
10	7.208	889	899	909	rVB3	46149	137243	2.51%	0.410%
11	7.914	1008	1019	1024	rBV	679709	1694999	31.01%	5.070%
12	7.979	1024	1030	1039	rVV	1025208	2423033	44.33%	7.247%
13	8.061	1039	1044	1052	rVB3	47926	118089	2.16%	0.353%
14	8.185	1054	1065	1073	rBV3	84334	199686	3.65%	0.597%
15	8.326	1079	1089	1100	rBV	612494	1425324	26.07%	4.263%
16	8.503	1104	1119	1129	rVV2	230488	648516	11.86%	1.940%
17	8.720	1148	1156	1166	rVB4	41754	98909	1.81%	0.296%
18	8.861	1170	1180	1194	rBV	1862896	3737351	68.37%	11.178%
19	9.350	1250	1263	1268	rBV2	91612	224219	4.10%	0.671%
20	9.402	1268	1272	1279	rVB2	59737	113014	2.07%	0.338%
21	9.773	1326	1335	1345	rBV	180389	363573	6.65%	1.087%
22	9.908	1345	1358	1364	rBV	216947	462917	8.47%	1.385%
23	9.973	1364	1369	1374	rBV4	66877	126471	2.31%	0.378%
24	10.114	1383	1393	1404	rBV	95009	232030	4.24%	0.694%
25	10.267	1412	1419	1423	rBV	99899	178779	3.27%	0.535%
26	10.338	1423	1431	1444	rVB	2998956	5466392	100.00%	16.350%
27	10.520	1455	1462	1468	rVB4	54415	113045	2.07%	0.338%
28	10.779	1497	1506	1515	rVV8	25925	69350	1.27%	0.207%
29	11.049	1546	1552	1560	rVV	28646	61659	1.13%	0.184%
30	11.420	1608	1615	1623	rVB2	64244	133318	2.44%	0.399%
31	11.520	1627	1632	1639	rBV4	52962	91184	1.67%	0.273%
32	11.638	1644	1652	1662	rBV	2644218	4517144	82.63%	13.511%
33	12.626	1808	1820	1829	rBV	2328823	4022453	73.59%	12.031%
34	12.767	1840	1844	1854	rVB9	26199	81444	1.49%	0.244%
35	12.902	1863	1867	1871	rBV	44605	83918	1.54%	0.251%
36	12.949	1871	1875	1888	rVB5	104703	275201	5.03%	0.823%

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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 >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Title : SW846 8260

37	13.420	1950	1955	1959	rVB4	48590	74208	1.36%	0.222%
38	13.561	1972	1979	1997	rVB	2238878	4030256	73.73%	12.054%
39	13.726	2000	2007	2010	rBV6	30408	61186	1.12%	0.183%
40	13.802	2015	2020	2027	rVB4	56780	132092	2.42%	0.395%
41	14.085	2063	2068	2080	rVB2	301351	572745	10.48%	1.713%

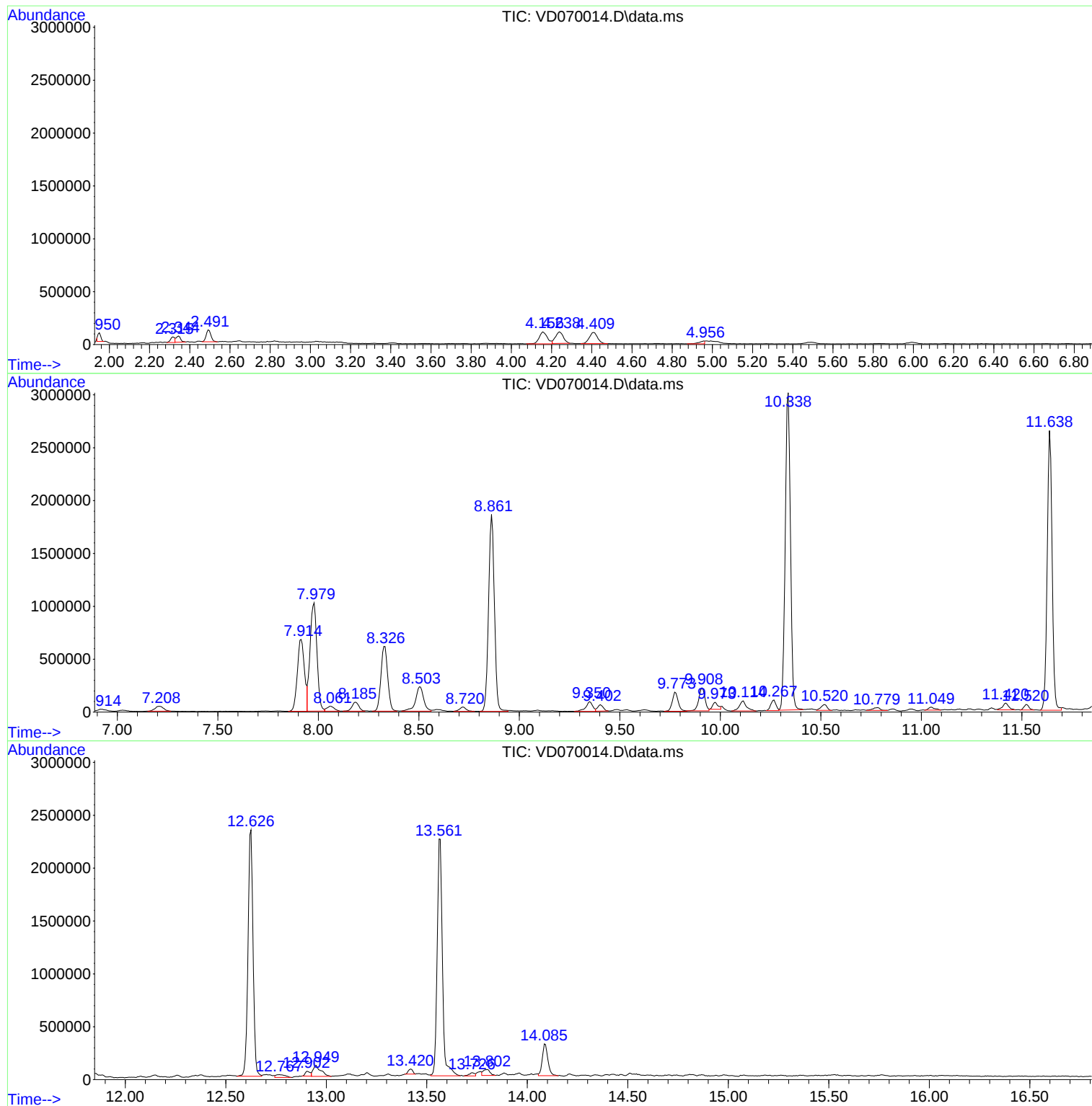
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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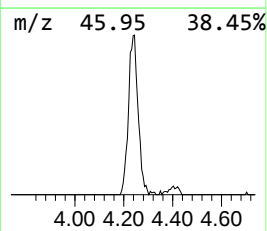
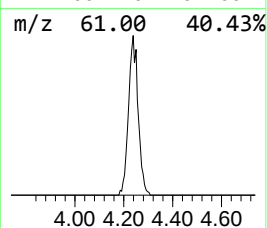
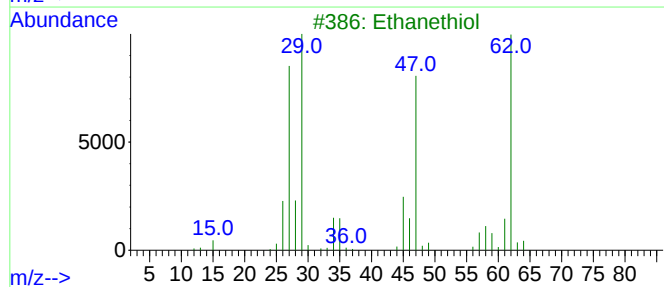
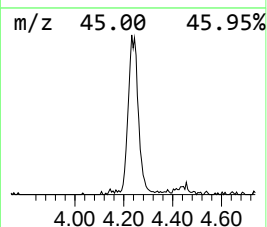
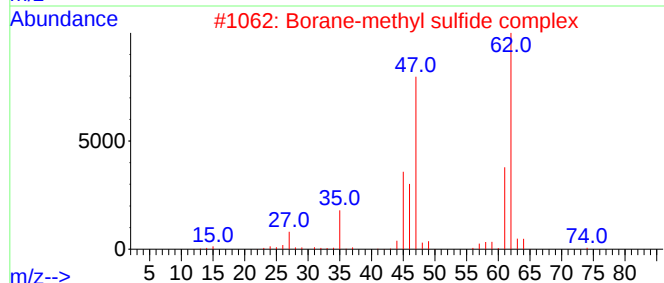
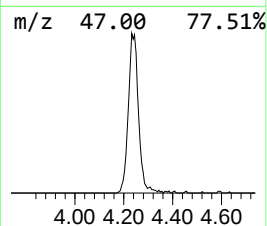
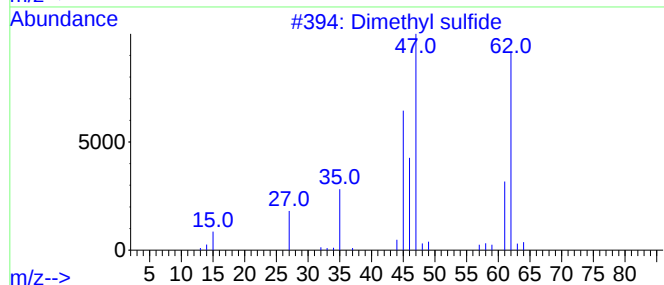
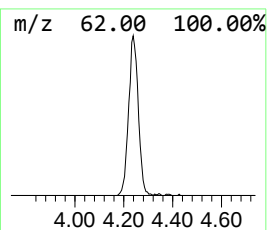
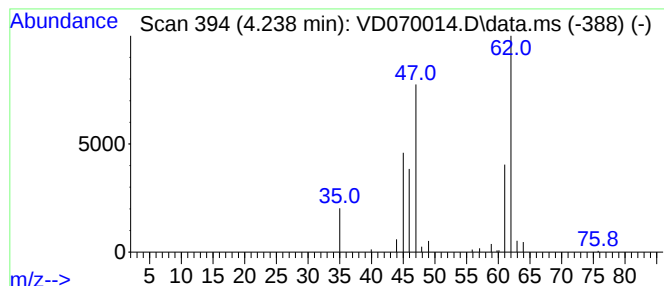
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dimethyl sulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.238	6.06 ug/l	293641	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	86
3			Ethanethiol	62	C2H6S	000075-08-1	80
4			Ethene, chloro-	62	C2H3Cl	000075-01-4	9
5			Methanethiol	48	CH4S	000074-93-1	9



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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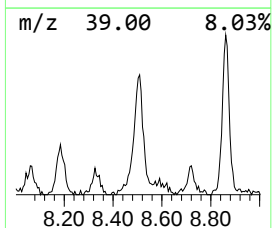
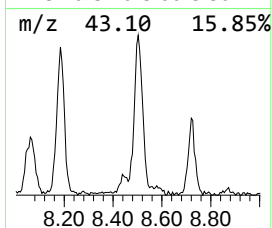
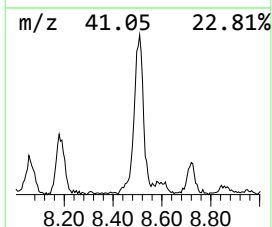
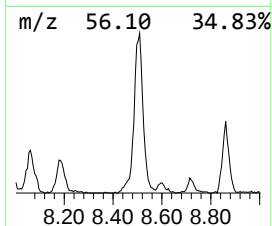
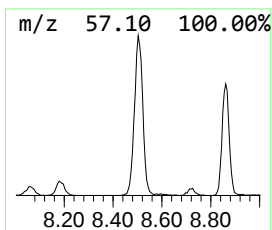
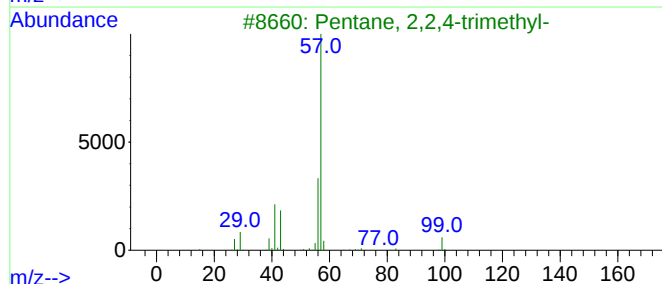
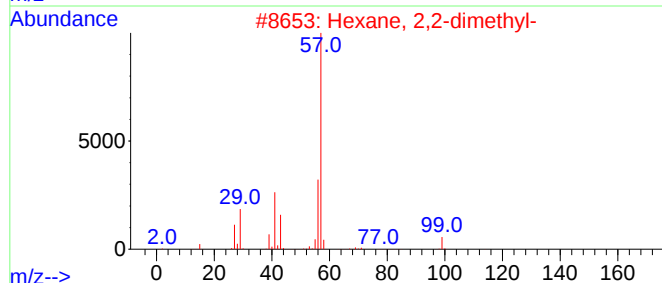
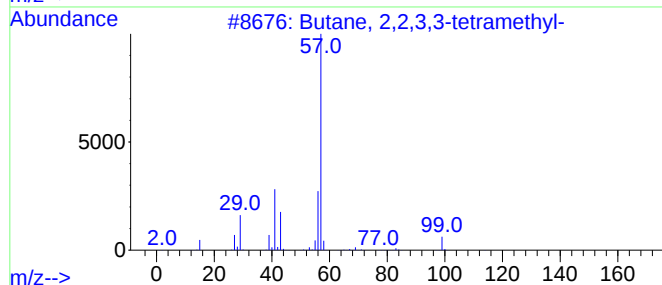
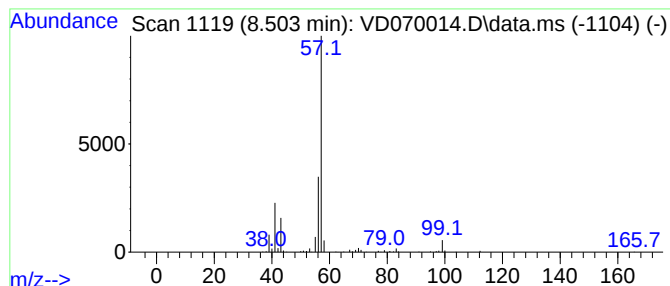
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.503	8.68 ug/l	648516	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59



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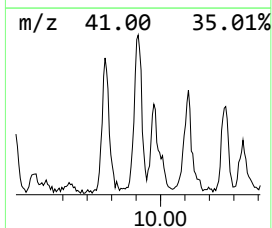
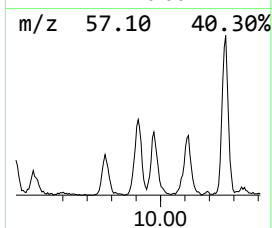
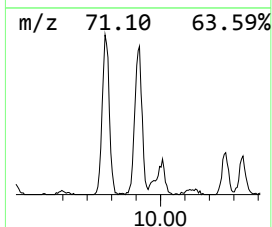
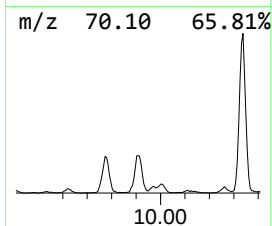
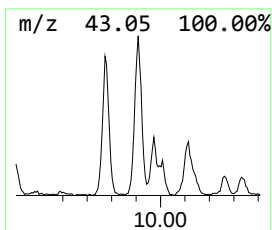
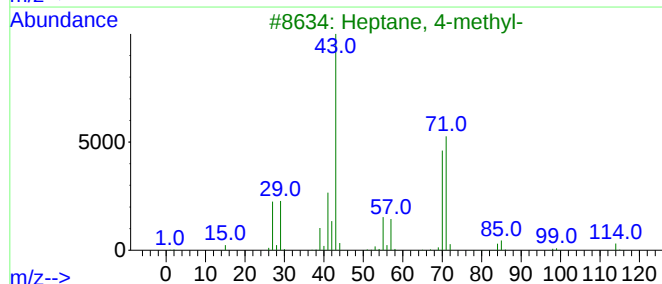
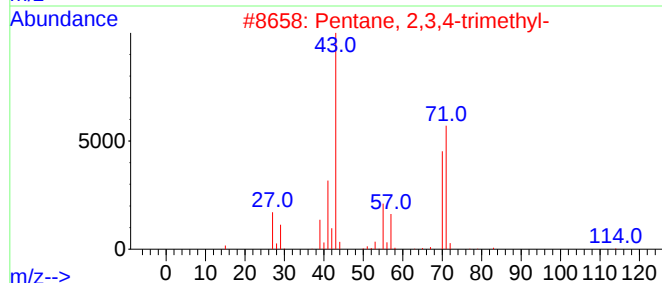
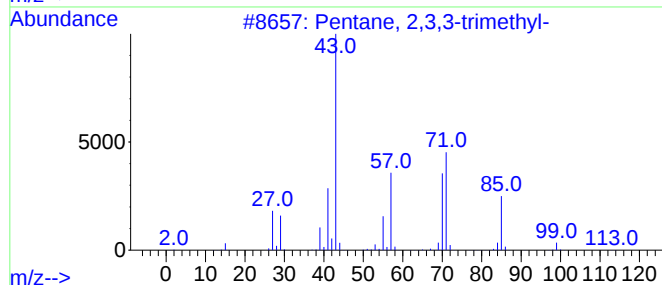
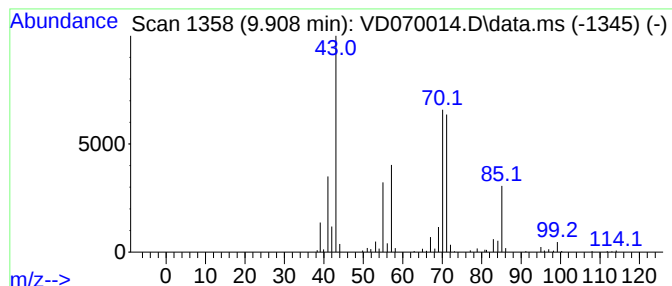
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.908	6.19 ug/l	462917	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	68
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
5			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59



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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.238	6.1	ug/l	293641	1	7.979	2423030	50.0
Butane, 2,2,3,3...	8.503	8.7	ug/l	648516	2	8.861	3737350	50.0
Pentane, 2,3,3-...	9.908	6.2	ug/l	462917	2	8.861	3737350	50.0