LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
Data File : VD064168.D
Acq On : 08 Nov 2019 21:37
Operator : VA/SY
Sample : K5758-01
Misc : 5.09G/5.00ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CO-1008

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\82D110819S.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	2.232	43	53	54	rBV7	22311	53910	19.69%	2.726%
2	3.438	256	258	259	rVB2	4767	3190	1.16%	0.161%
3	3.567	274	280	293	rVB	30717	82100	29.98%	4.151%
4	3.873	330	332	335	rVB4	4390	3474	1.27%	0.176%
5	4.167	376	382	387	rBV4	11850	25810	9.42%	1.305%
6	4.550	444	447	449	rBV3	4684	4044	1.48%	0.204%
7	4.656	463	465	467	rVB3	4500	4001	1.46%	0.202%
8	5.291	569	573	577	rBV5	2604	4134	1.51%	0.209%
9	5.567	617	620	624	rBV4	3231	3450	1.26%	0.174%
10	5.679	634	639	640	rBV4	4049	4995	1.82%	0.253%
11	6.008	691	695	696	rBV2	3548	3323	1.21%	0.168%
12	6.197	725	727	731	rVB3	2826	3401	1.24%	0.172%
13	6.385	757	759	764	rVB5	3912	4107	1.50%	0.208%
14	6.779	824	826	827	rBV2	3161	3189	1.16%	0.161%
15	6.950	850	855	859	rBV5	3566	6739	2.46%	0.341%
16	7.197	895	897	898	rBV2	5844	4655	1.70%	0.235%
17	7.397	928	931	932	rBV3	2690	3320	1.21%	0.168%
18	7.920	1011	1020	1025	rBV4	28631	74217	27.10%	3.752%
19	7.985	1025	1031	1039	rVV	62448	142727	52.12%	7.216%
20	8.061	1042	1044	1047	rVB4	2898	3543	1.29%	0.179%
21	8.338	1083	1091	1098	rBV	38521	92614	33.82%	4.682%
22	8.414	1101	1104	1107	rBV3	3269	3985	1.46%	0.201%
23	8.867	1173	1181	1187	rVB	89379	173455	63.34%	8.770%
24	9.061	1208	1214	1219	rBV3	23233	44945	16.41%	2.272%
25	9.420	1273	1275	1277	rBV2	5783	6973	2.55%	0.353%
26	9.649	1312	1314	1318	rVB4	3576	4228	1.54%	0.214%
27	9.749	1327	1331	1333	rVB3	3401	3798	1.39%	0.192%
28	9.908	1355	1358	1362	rBV4	3037	5617	2.05%	0.284%
29	10.008	1372	1375	1378	rVB5	4945	5493	2.01%	0.278%
30	10.044	1378	1381	1383	rBV3	3294	4491	1.64%	0.227%
31	10.220	1410	1411	1420	rVB5	2758	3450	1.26%	0.174%
32	10.344	1425	1432	1440	rVB	129008	247523	90.39%	12.514%
33	10.585	1470	1473	1476	rVB4	3140	3764	1.37%	0.190%
34	10.726	1493	1497	1503	rVB5	7269	14687	5.36%	0.743%

LSC Area Percent Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CO-1008

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Title : SW846 8260

35	10.832	1512	1515	1517	rBV3	3650	3723	1.36%	0.188%
36	11.091	1552	1559	1565	rVB3	15163	28445	10.39%	1.438%
37	11.649	1645	1654	1661	rBV	136394	249178	90.99%	12.598%
38	12.073	1724	1726	1729	rBV3	3438	3184	1.16%	0.161%
39	12.249	1754	1756	1762	rVB6	6164	7956	2.91%	0.402%
40	12.361	1770	1775	1779	rVB5	5165	8652	3.16%	0.437%
41	12.638	1814	1822	1828	rBV	128946	215155	78.57%	10.878%
42	12.814	1850	1852	1856	rBV4	2584	3386	1.24%	0.171%
43	13.220	1918	1921	1924	rBV5	4145	5404	1.97%	0.273%
44	13.420	1952	1955	1959	rBV3	3963	5359	1.96%	0.271%
45	13.514	1970	1971	1973	rVB2	5880	3613	1.32%	0.183%
46	13.579	1974	1982	1989	rBV	161099	273853	100.00%	13.846%
47	13.673	1993	1998	2004	rVB	51552	83595	30.53%	4.226%
48	14.037	2058	2060	2061	rBV2	4423	3243	1.18%	0.164%
49	14.055	2061	2063	2066	rVB4	5410	5120	1.87%	0.259%
50	14.414	2122	2124	2127	rBV5	3402	3698	1.35%	0.187%
51	14.884	2201	2204	2212	rVB10	7364	17023	6.22%	0.861%
52	14.943	2212	2214	2216	rBV3	4069	3959	1.45%	0.200%

Sum of corrected areas: 1977898

LSC Report - Integrated Chromatogram

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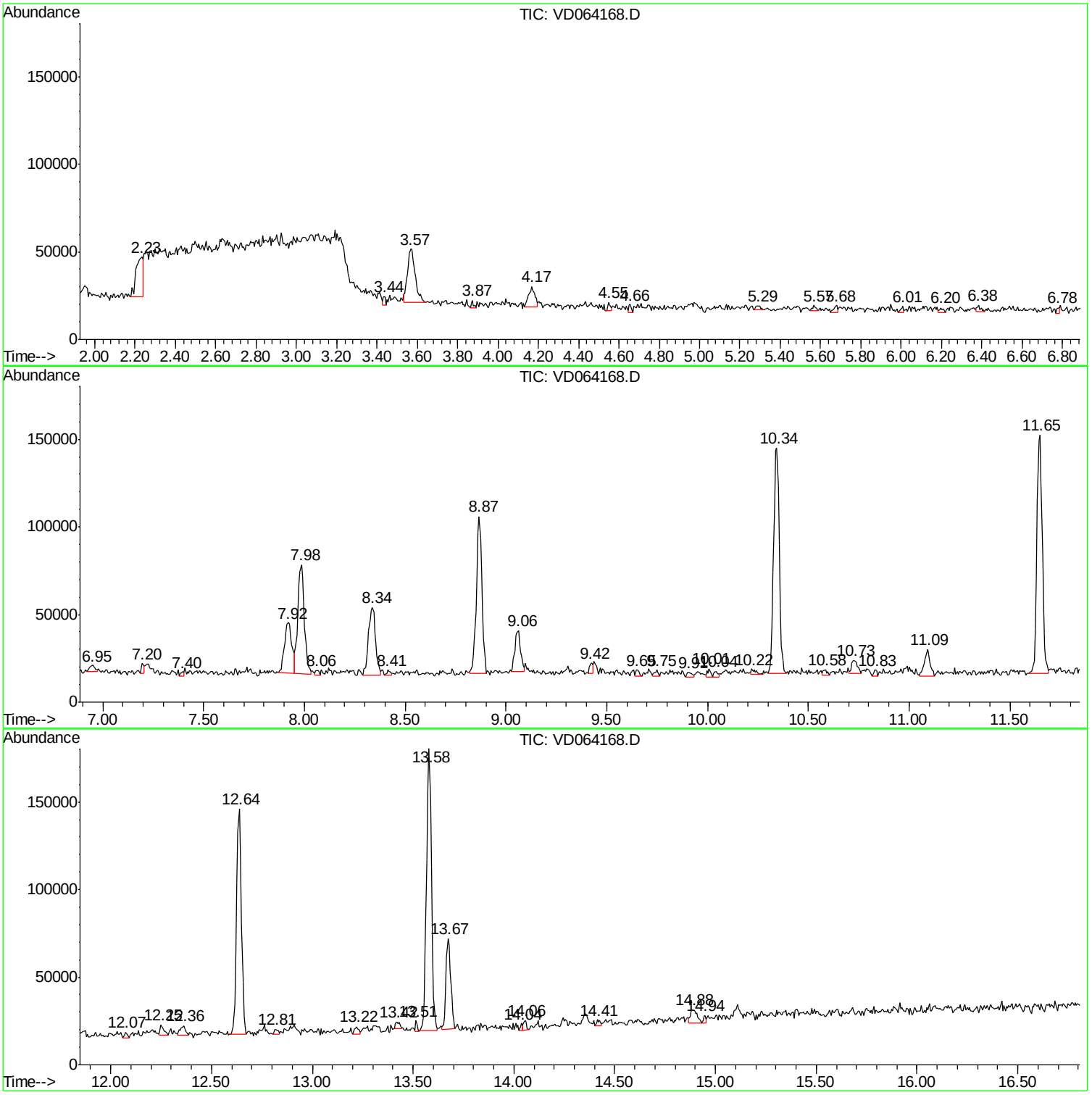
Sample : K5758-01
Misc : 5.09G/5.00ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CO-1008

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
Data File : VD064168.D
Acq On : 08 Nov 2019 21:37
Operator : VA/SY
Sample : K5758-01
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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CO-1008

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

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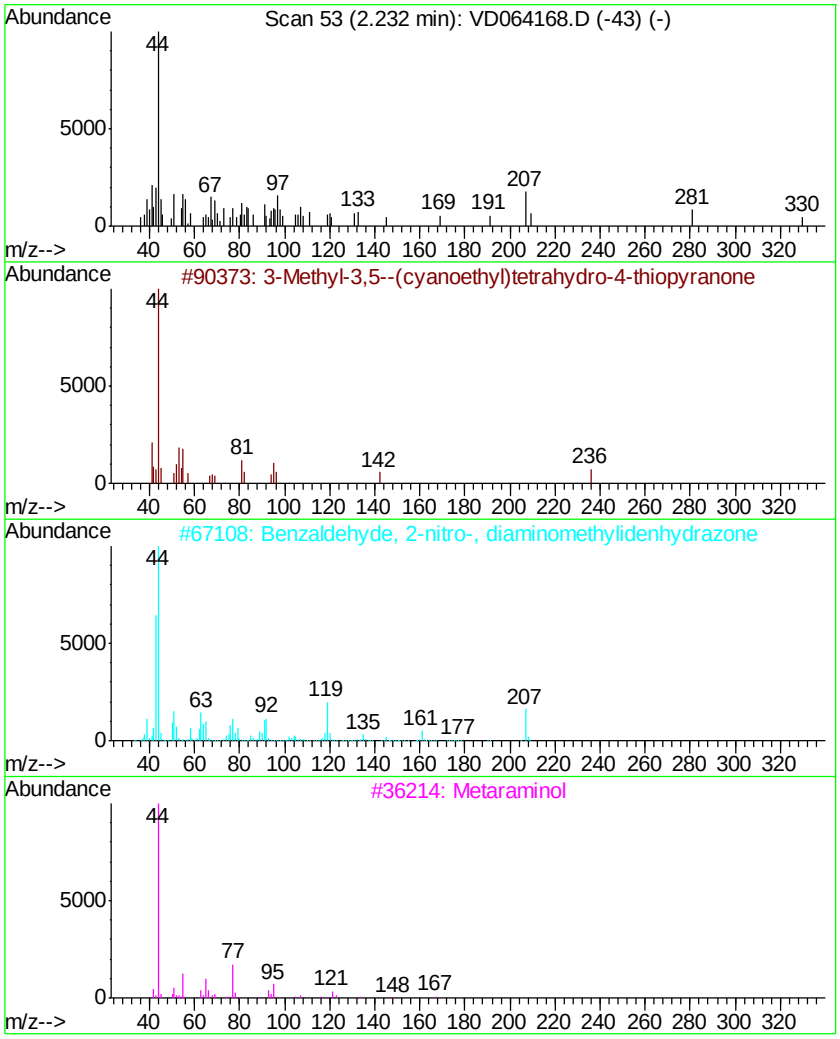
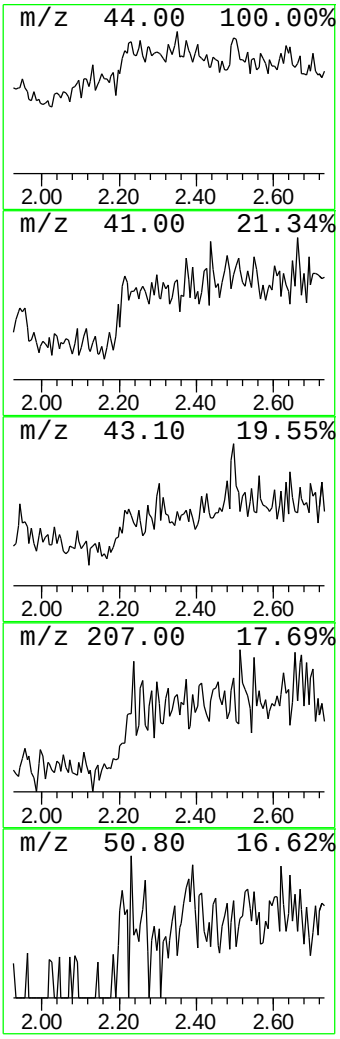
Peak Number 1 unknown2.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	18.89 ug/l	53910	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3,5--(cyanoethyl)tetrah...	236	C12H16N2OS	1000140-32-3	43
2	Benzaldehyde, 2-nitro-, diaminom...	207	C8H9N5O2	102632-31-5	43
3	Metaraminol	167	C9H13NO2	000054-49-9	38
4	Acetic acid, 2-(1-methyl-2-oxohy...	252	C10H12N4O4	1000327-59-6	38
5	L-Alanine-4-nitroanilide	209	C9H11N3O3	001668-13-9	38





Library Search Compound Report

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Misc : 5.09G/5.00ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CO-1008

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

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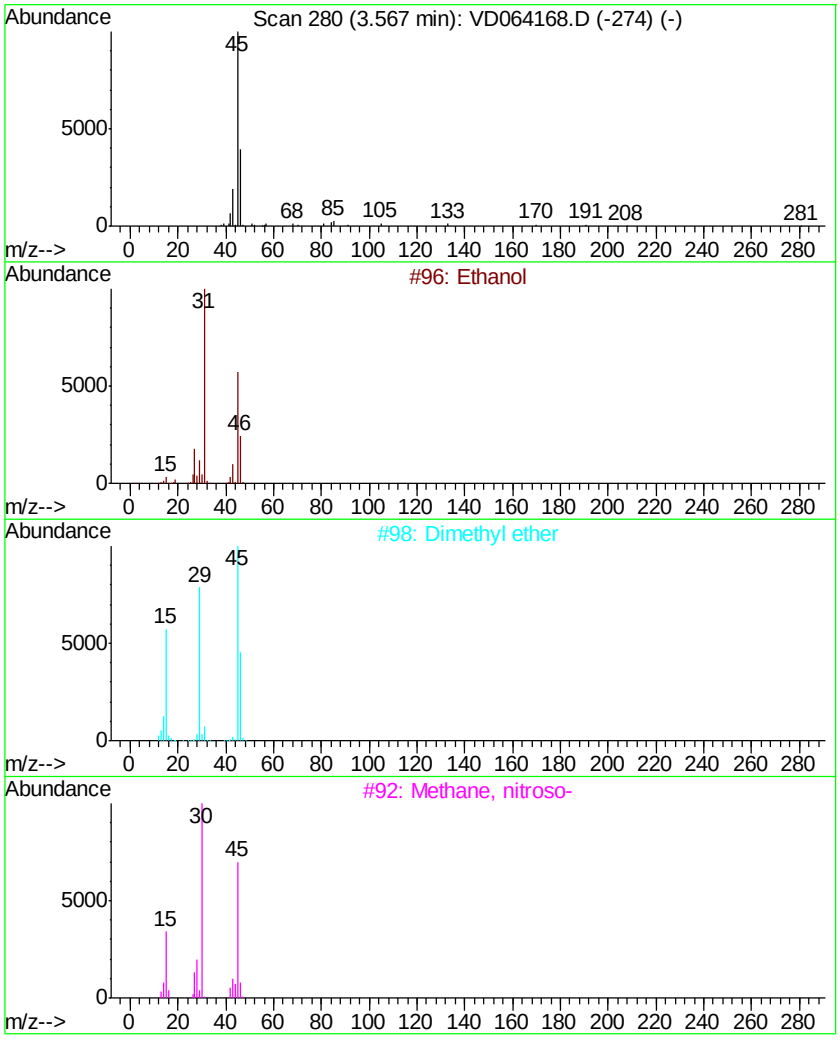
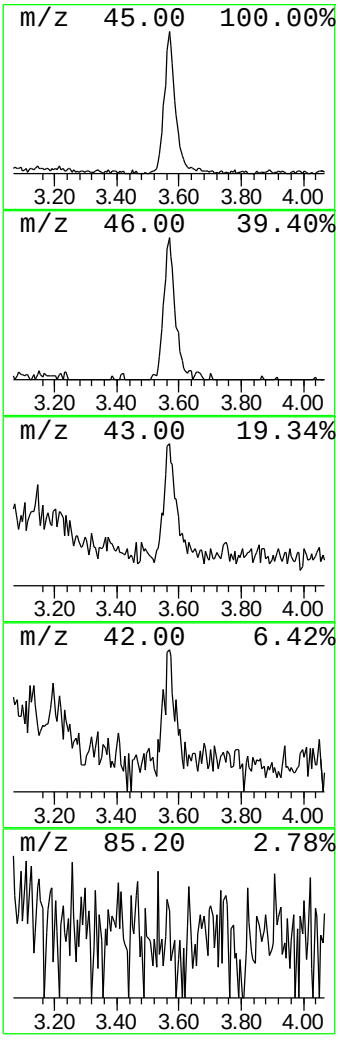
Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	28.76 ug/l	82100	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Propanedioic acid, dihydroxy-	136	C3H4O6	000560-27-0	4
5	Formic acid	46	CH2O2	000064-18-6	4





Library Search Compound Report

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Instrument : MSVOA_D
ClientSampleId : CO-1008

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

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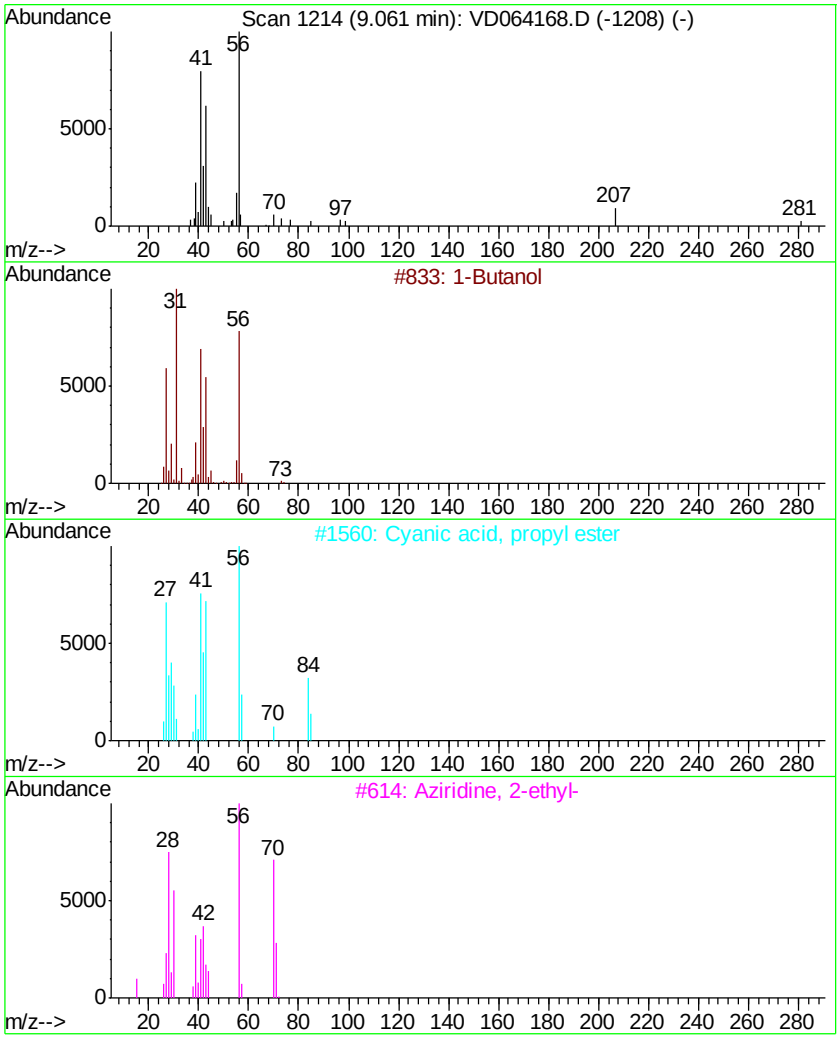
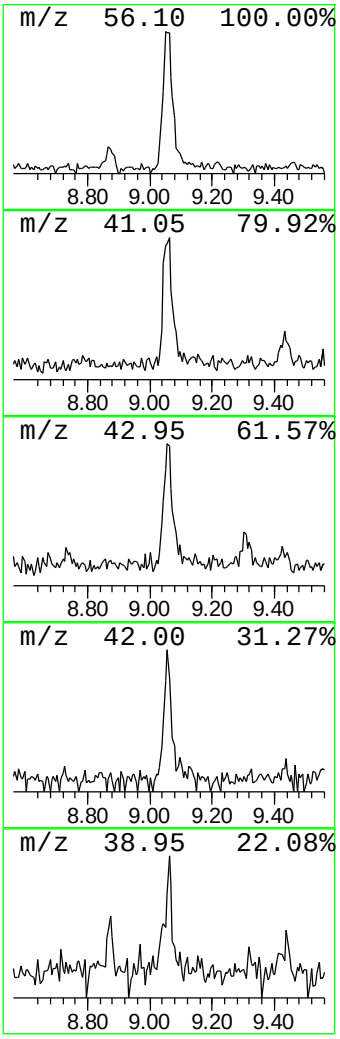
Peak Number 3 1-Butanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	12.96 ug/l	44945	1,4-Difluorobenzene	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	64
2	Cyanic acid, propyl ester	85	C4H7NO	001768-36-1	36
3	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	36
4	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	36
5	1-Hexene	84	C6H12	000592-41-6	28





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ClientSampleId : CO-1008

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Quant Title : SW846 8260

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

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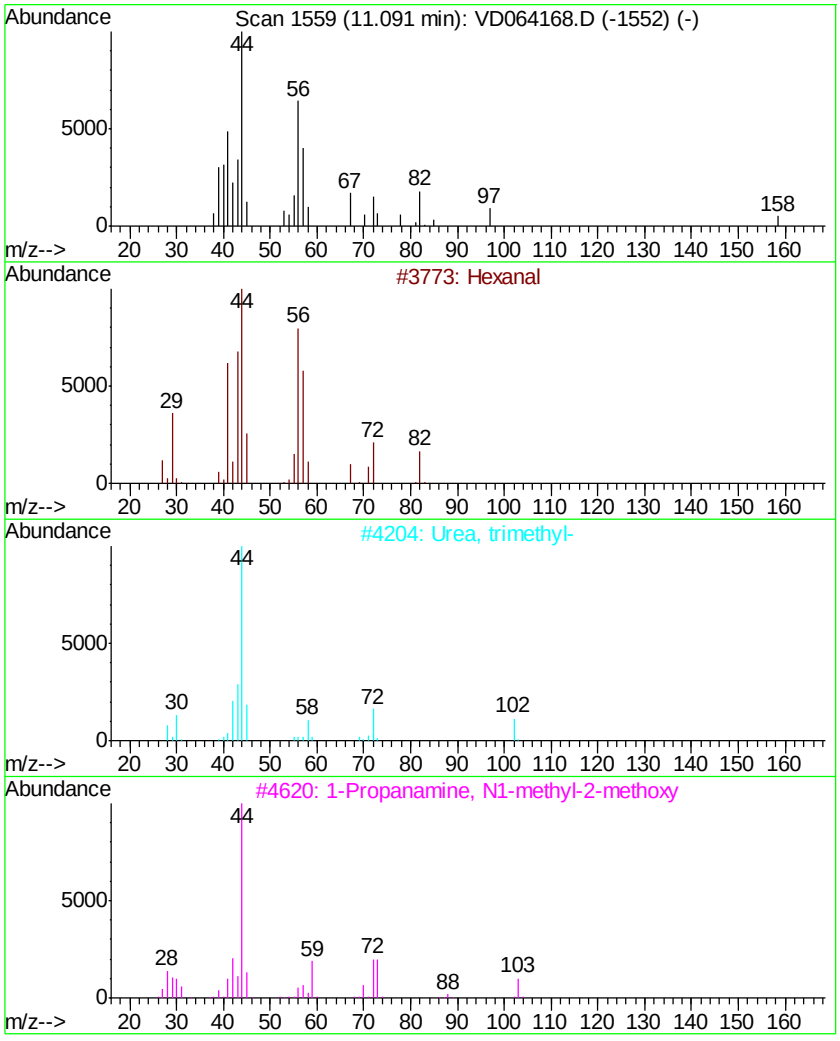
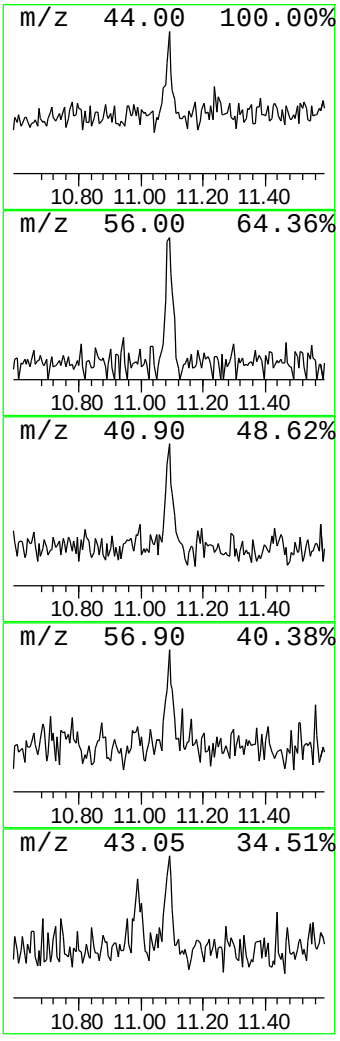
Peak Number 4 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	5.71 ug/l	28445	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	50
2	Urea, trimethyl-	102	C4H10N2O	000632-14-4	33
3	1-Propanamine, N1-methyl-2-methoxy	103	C5H13NO	1000198-01-0	28
4	4-Piperidinemethanamine	114	C6H14N2	007144-05-0	17
5	N-Dimethylaminomethyl-N-methylfo...	116	C5H12N2O	001189-06-6	17





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Quant Title : SW846 8260

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

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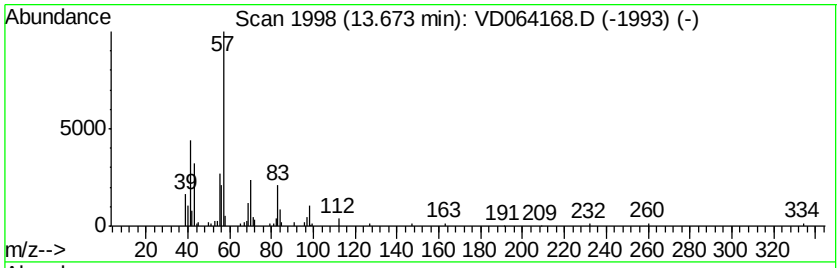
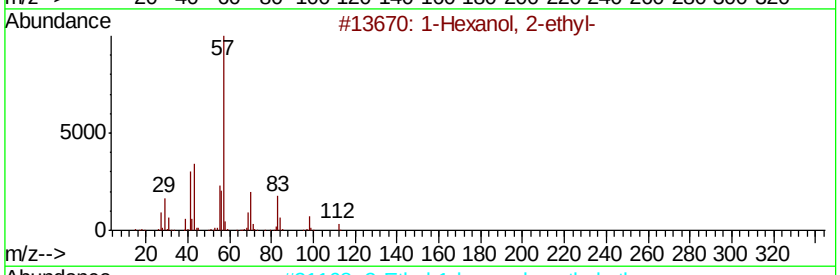
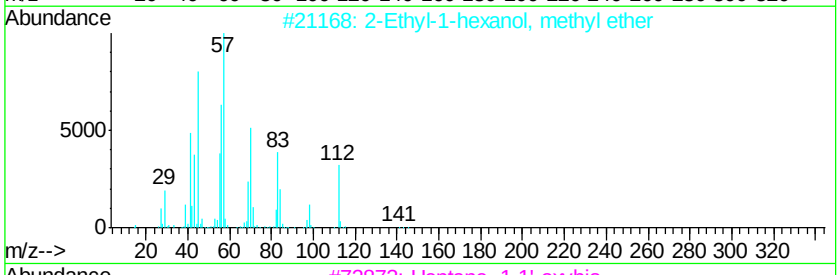
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

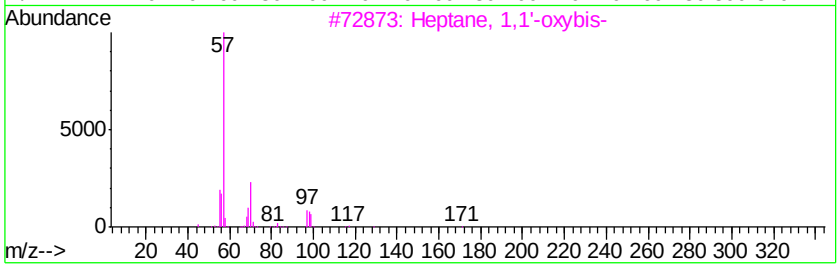
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	15.26 ug/l	83595	1,4-Dichlorobenzene-d4	13.58

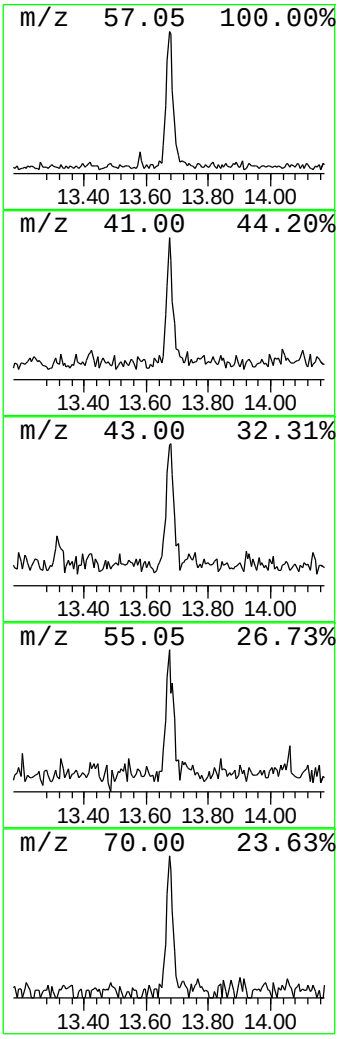
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
2	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	50
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	47











Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.23	2.23	18.9	ug/l	53910	1	7.98	142727	50.0
Ethanol	3.57	28.8	ug/l	82100	1	7.98	142727	50.0
1-Butanol	9.06	13.0	ug/l	44945	2	8.87	173455	50.0
Hexanal	11.09	5.7	ug/l	28445	3	11.65	249178	50.0
1-Hexanol, 2-ethyl-	13.67	15.3	ug/l	83595	4	13.58	273853	50.0