LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067607.D
Acq On : 11 Nov 2020 17:25
Operator : VA/SY
Sample : L4706-02
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

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\82D110320S.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	2.085	24	28	33	rBV3	3789	5354	1.82%	0.173%
2	2.320	63	68	72	rBV4	6846	12436	4.22%	0.401%
3	2.403	77	82	88	rBV5	1651	3592	1.22%	0.116%
4	2.491	92	97	103	rBV	19901	31343	10.63%	1.010%
5	3.562	274	279	280	rBV2	3391	3900	1.32%	0.126%
6	4.014	351	356	357	rBV2	3450	4100	1.39%	0.132%
7	4.156	367	380	392	rBV2	24558	71594	24.29%	2.307%
8	4.544	445	446	454	rVB3	4977	7313	2.48%	0.236%
9	6.950	845	855	863	rVB6	5710	16456	5.58%	0.530%
10	7.214	892	900	909	rVV5	9384	24286	8.24%	0.783%
11	7.920	1010	1020	1025	rBV	37397	90637	30.75%	2.921%
12	7.979	1025	1030	1041	rVB	62836	139501	47.33%	4.496%
13	8.332	1079	1090	1102	rBV3	39016	103341	35.06%	3.330%
14	8.732	1155	1158	1163	rVB3	3358	5259	1.78%	0.169%
15	8.867	1172	1181	1192	rBV	82697	167423	56.80%	5.395%
16	9.055	1206	1213	1218	rBV3	13241	25644	8.70%	0.826%
17	9.308	1250	1256	1262	rBV2	11571	21078	7.15%	0.679%
18	9.438	1272	1278	1286	rVB5	6919	13678	4.64%	0.441%
19	10.232	1406	1413	1422	rBV3	30247	57543	19.52%	1.854%
20	10.344	1422	1432	1439	rBV	126113	237085	80.43%	7.640%
21	10.408	1439	1443	1448	rVB2	12841	23249	7.89%	0.749%
22	10.755	1491	1502	1510	rBV4	11562	21921	7.44%	0.706%
23	10.844	1514	1517	1521	rBV3	3067	4735	1.61%	0.153%
24	10.991	1537	1542	1549	rVB5	8830	15831	5.37%	0.510%
25	11.091	1554	1559	1565	rBV4	10188	16706	5.67%	0.538%
26	11.649	1646	1654	1660	rBV	126652	231097	78.40%	7.447%
27	11.749	1667	1671	1675	rVB5	4597	7034	2.39%	0.227%
28	11.855	1683	1689	1692	rBV2	21468	38872	13.19%	1.253%
29	12.038	1710	1720	1729	rBV2	38447	70647	23.97%	2.277%
30	12.179	1737	1744	1752	rBV4	61127	112904	38.30%	3.638%
31	12.255	1752	1757	1765	rVB	66351	106351	36.08%	3.427%
32	12.343	1767	1772	1773	rBV4	5484	8133	2.76%	0.262%
33	12.361	1773	1775	1778	rVB3	5175	4765	1.62%	0.154%
34	12.467	1787	1793	1801	rBV6	7370	16610	5.64%	0.535%

LSC Area Percent Report

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Sample : L4706-02
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

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
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Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Title : SW846 8260

35	12.638	1816	1822	1830	rVB2	111988	191100	64.83%	6.158%
36	12.755	1837	1842	1845	rBV3	1913	3014	1.02%	0.097%
37	12.920	1866	1870	1871	rVV4	5662	7492	2.54%	0.241%
38	12.955	1871	1876	1882	rVB6	17271	32192	10.92%	1.037%
39	13.102	1895	1901	1906	rVB4	8833	16082	5.46%	0.518%
40	13.185	1909	1915	1916	rBV4	2609	4360	1.48%	0.141%
41	13.273	1927	1930	1933	rBV4	3906	5489	1.86%	0.177%
42	13.314	1933	1937	1940	rVB3	10225	14023	4.76%	0.452%
43	13.420	1948	1955	1961	rBV4	21714	35379	12.00%	1.140%
44	13.579	1974	1982	1991	rBV	133866	229207	77.76%	7.386%
45	13.673	1991	1998	2004	rBV	157584	249312	84.58%	8.034%
46	13.714	2004	2005	2007	rVV2	4212	3938	1.34%	0.127%
47	13.737	2007	2009	2014	rVV5	6794	8944	3.03%	0.288%
48	13.773	2014	2015	2019	rVB4	4300	4671	1.58%	0.151%
49	13.808	2019	2021	2024	rBV3	2608	4151	1.41%	0.134%
50	13.902	2031	2037	2043	rBV6	11024	19574	6.64%	0.631%
51	14.002	2049	2054	2055	rBV4	2620	3320	1.13%	0.107%
52	14.043	2055	2061	2072	rBV	188386	294755	100.00%	9.499%
53	14.196	2084	2087	2089	rBV4	2521	3161	1.07%	0.102%
54	14.243	2091	2095	2100	rBV7	13991	26044	8.84%	0.839%
55	14.296	2100	2104	2106	rBV4	10356	16383	5.56%	0.528%
56	14.320	2106	2108	2110	rVV2	11100	14410	4.89%	0.464%
57	14.349	2112	2113	2119	rVB3	11772	14343	4.87%	0.462%
58	14.414	2119	2124	2125	rBV4	3451	4721	1.60%	0.152%
59	14.443	2127	2129	2133	rVB5	4270	4272	1.45%	0.138%
60	14.537	2141	2145	2147	rBV4	8576	13745	4.66%	0.443%
61	14.579	2147	2152	2153	rBV4	9644	14282	4.85%	0.460%
62	14.690	2169	2171	2175	rVB4	4627	4559	1.55%	0.147%
63	14.755	2178	2182	2186	rVB7	6261	10711	3.63%	0.345%
64	14.826	2188	2194	2196	rBV5	2900	4690	1.59%	0.151%
65	14.902	2199	2207	2214	rBV7	20953	42310	14.35%	1.363%
66	15.043	2228	2231	2233	rBV4	2768	3040	1.03%	0.098%
67	15.108	2239	2242	2244	rBV4	5966	6082	2.06%	0.196%
68	15.190	2251	2256	2257	rBV3	5243	6446	2.19%	0.208%
69	15.220	2257	2261	2264	rVV5	7806	12100	4.11%	0.390%
70	15.296	2270	2274	2278	rVB6	2922	4117	1.40%	0.133%
71	15.596	2319	2325	2329	rBV5	7686	12011	4.07%	0.387%

LSC Area Percent Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

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\82D110320S.M
Title : SW846 8260

72	15.779	2350	2356	2361	rBV7	14729	23411	7.94%	0.754%
73	16.084	2406	2408	2411	rBV3	2227	3067	1.04%	0.099%
74	16.384	2456	2459	2461	rBV4	3326	4486	1.52%	0.145%
75	16.502	2477	2479	2482	rVB3	2500	3001	1.02%	0.097%
76	16.561	2487	2489	2494	rVB4	3562	4272	1.45%	0.138%

Sum of corrected areas: 3103085

LSC Report - Integrated Chromatogram

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Acq On : 11 Nov 2020 17:25
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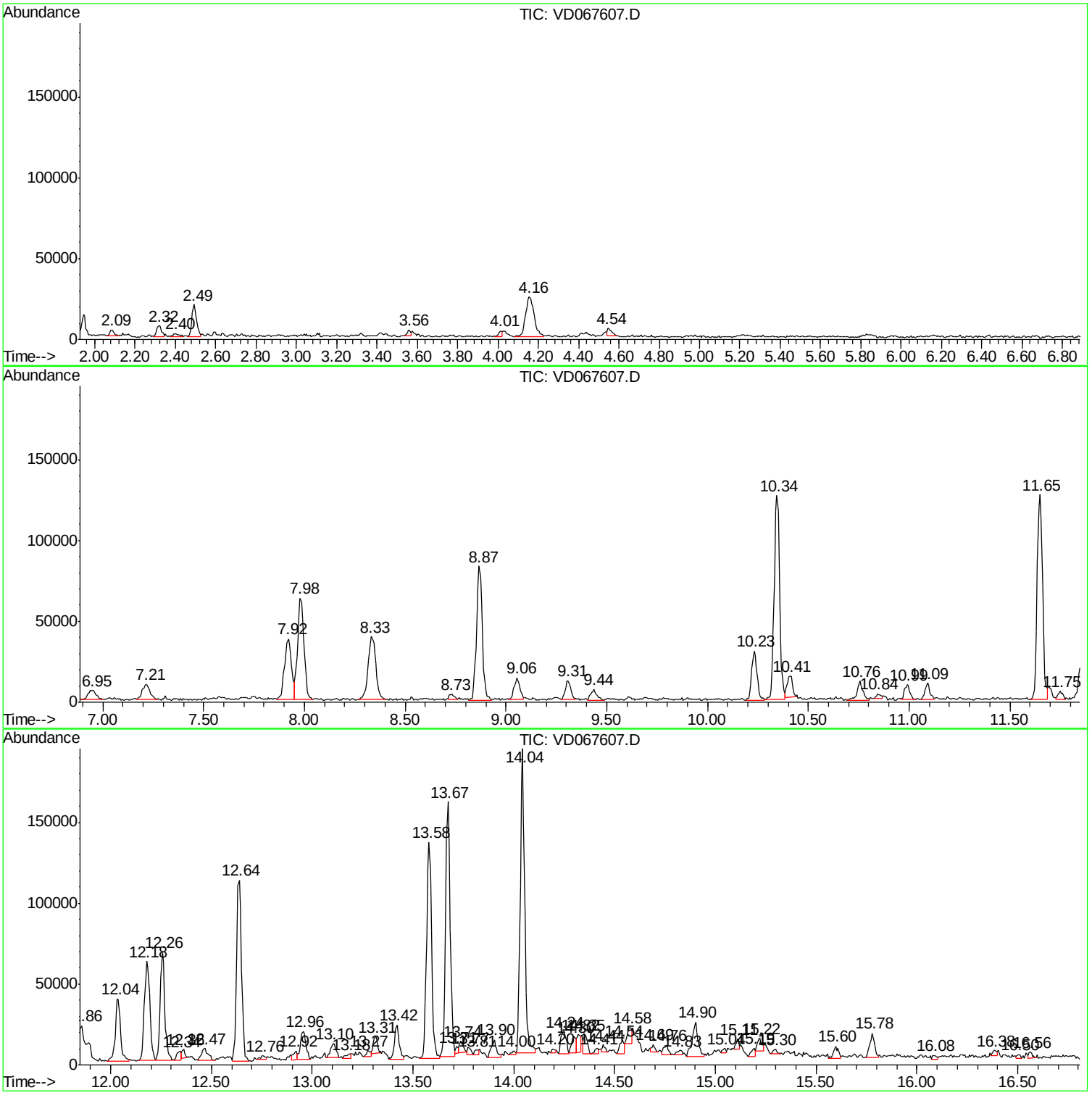
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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



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Data File : VD067607.D
Acq On : 11 Nov 2020 17:25
Operator : VA/SY
Sample : L4706-02
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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

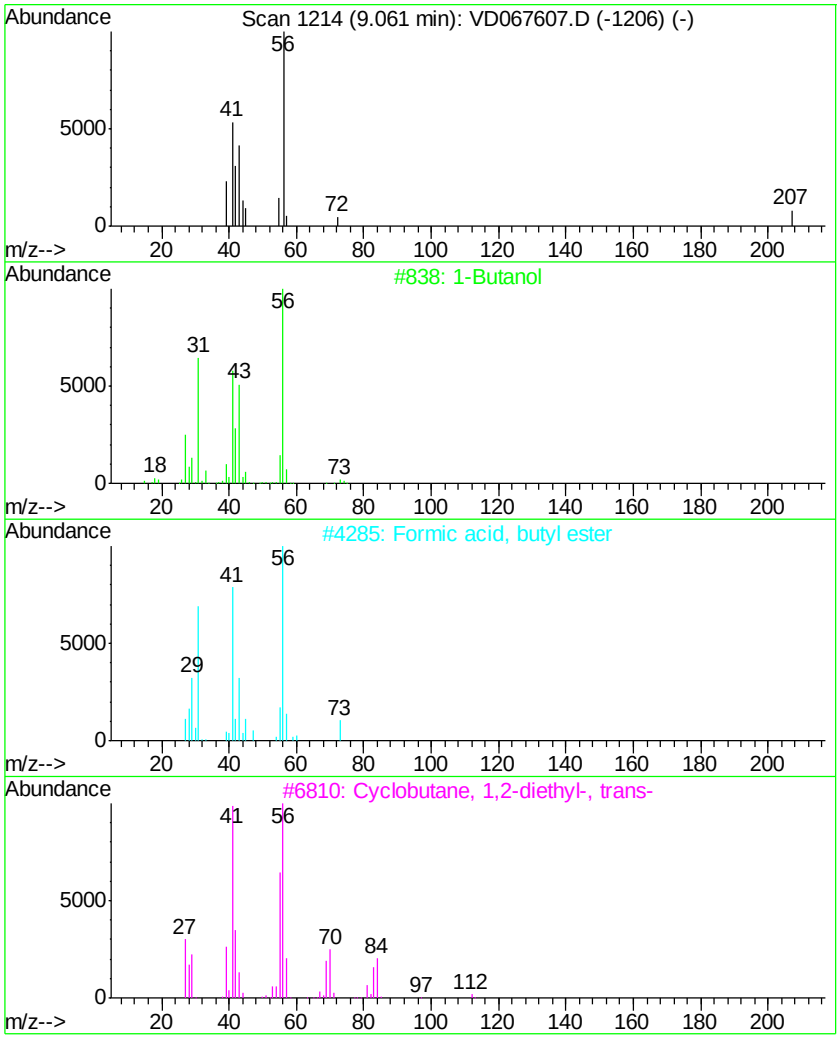
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

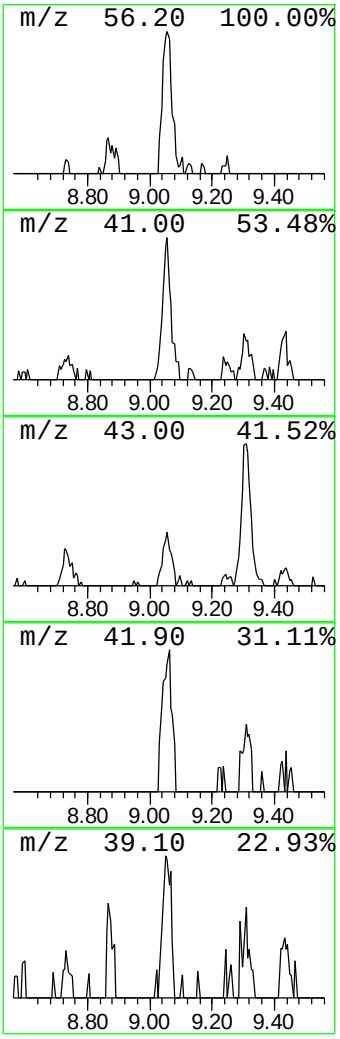
****

Peak Number 2 1-Butanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	7.66 ug/l	25644	1,4-Difluorobenzene	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	64
2	Formic acid, butyl ester	102	C5H10O2	000592-84-7	56
3	Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	9
4	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	9
5	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067607.D
Acq On : 11 Nov 2020 17:25
Operator : VA/SY
Sample : L4706-02
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

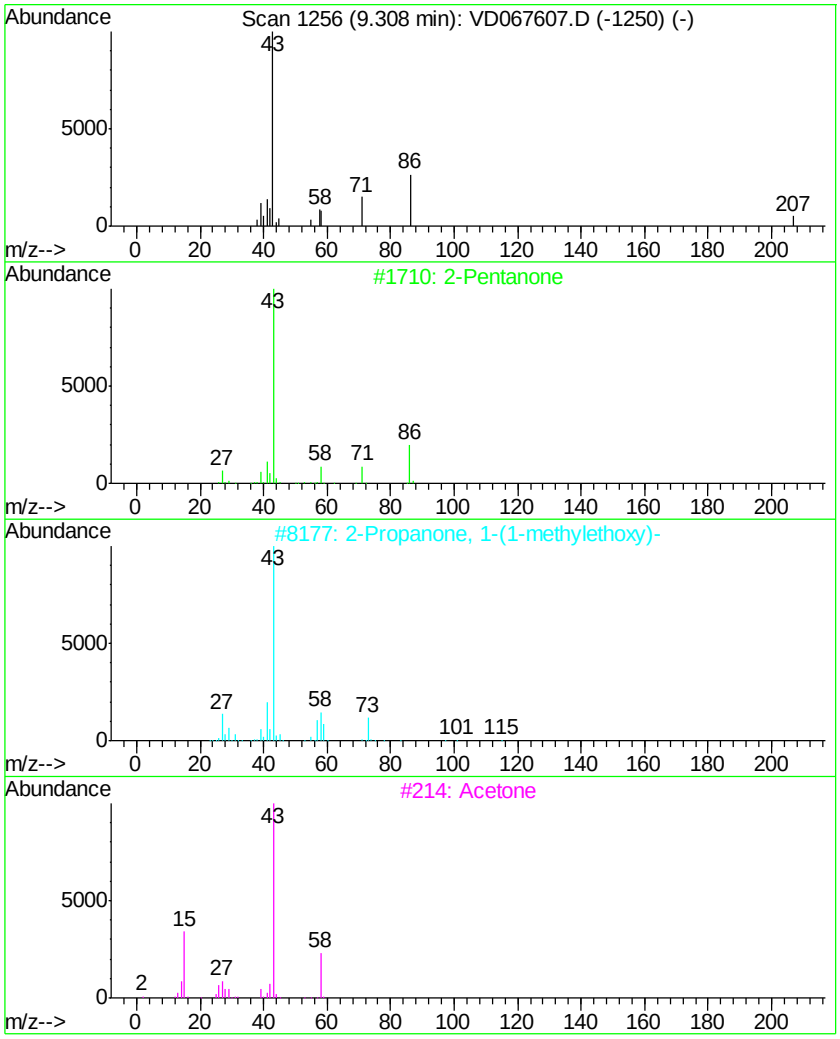
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

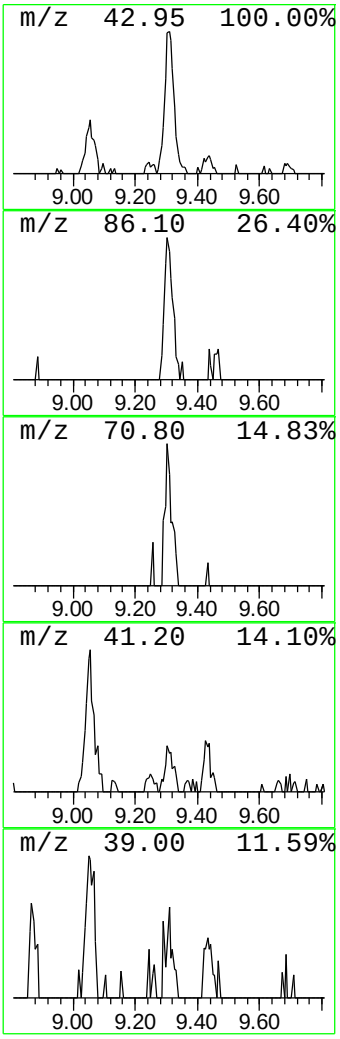
****

Peak Number 3 2-Pentanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	6.29 ug/l	21078	1,4-Difluorobenzene	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	72
2	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
3	Acetone	58	C3H6O	000067-64-1	7
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	7
5	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067607.D
Acq On : 11 Nov 2020 17:25
Operator : VA/SY
Sample : L4706-02
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

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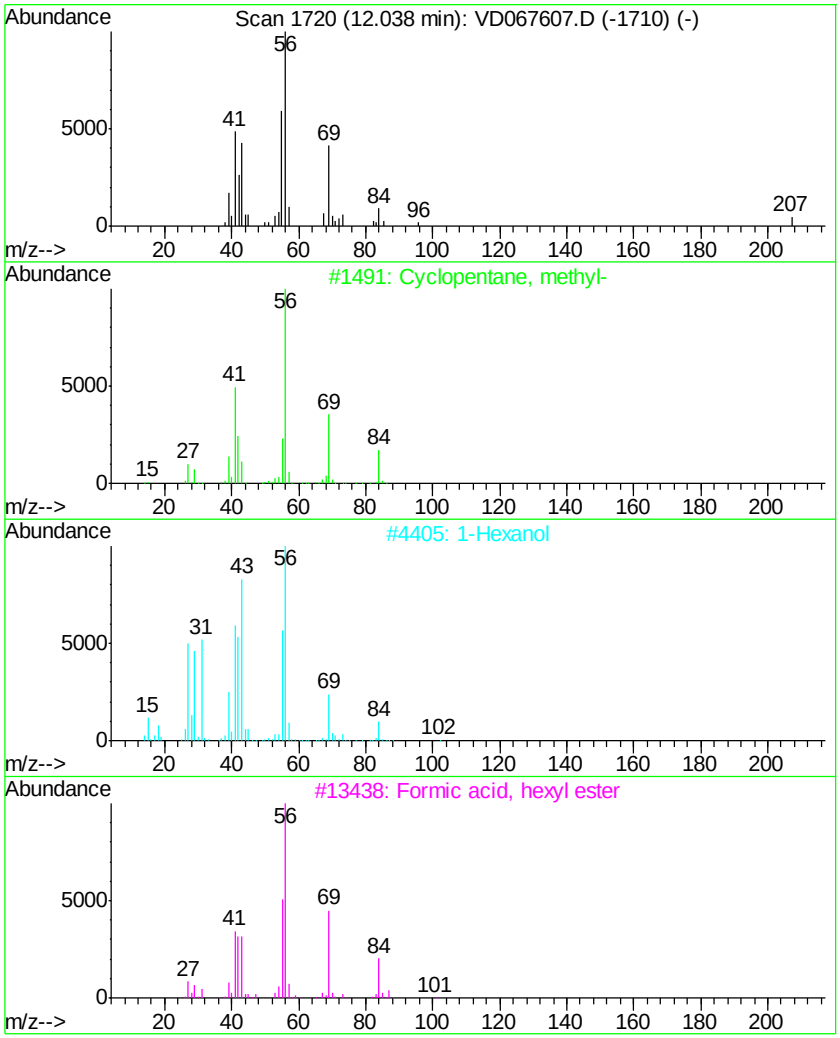
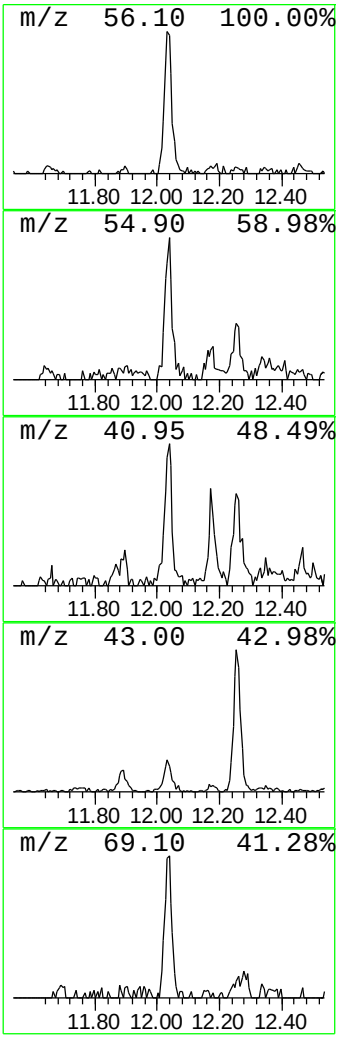
Peak Number 4 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	15.29 ug/l	70647	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
2	1-Hexanol	102	C6H14O	000111-27-3	72
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	64
4	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	64
5	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	56





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

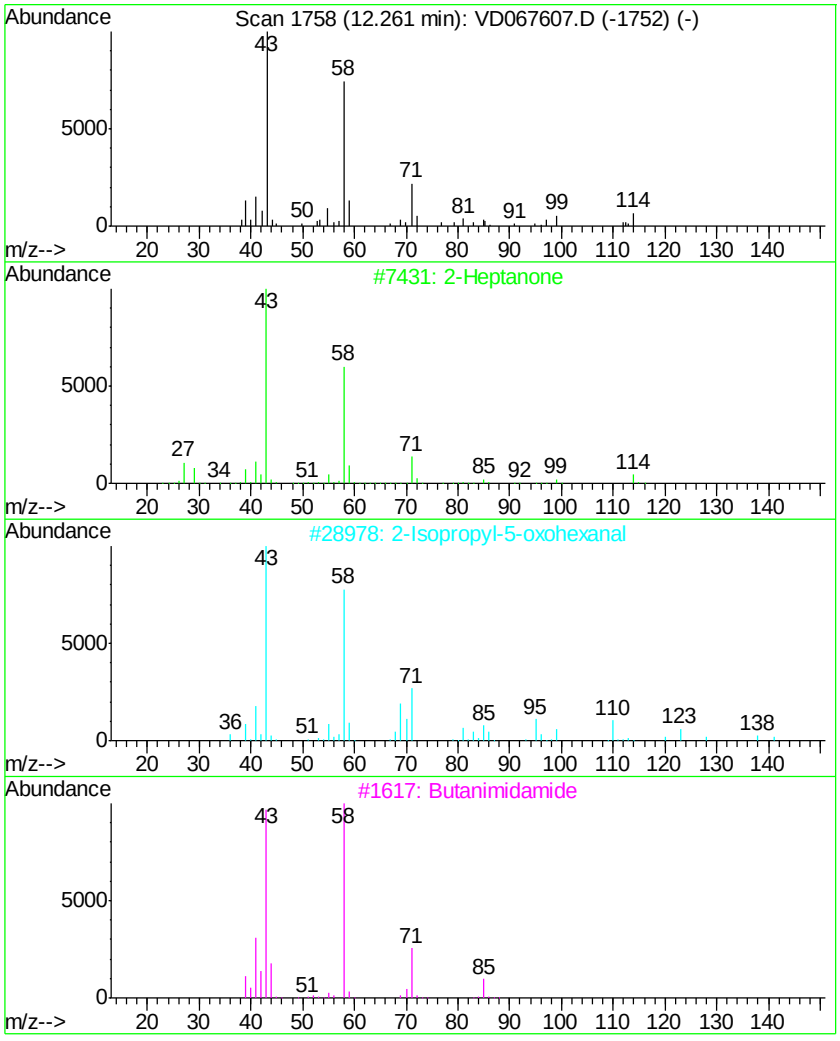
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

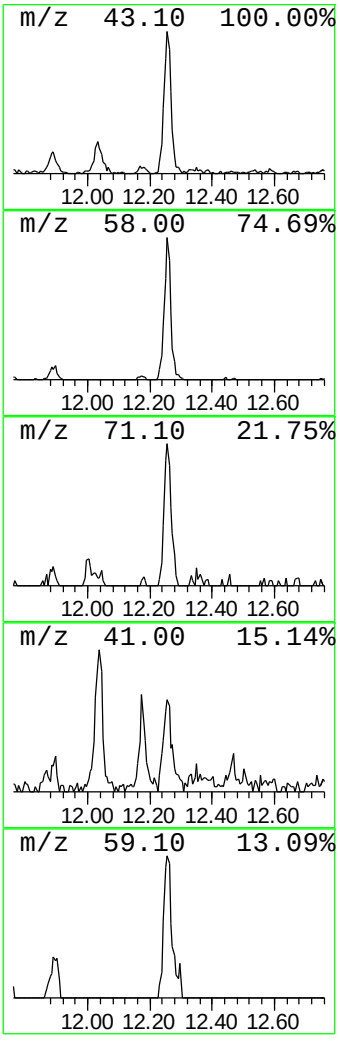
****

Peak Number 5 2-Heptanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	23.01 ug/l	106351	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	72
3	Butanimidamide	86	C4H10N2	000107-90-4	64
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	59
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	59





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

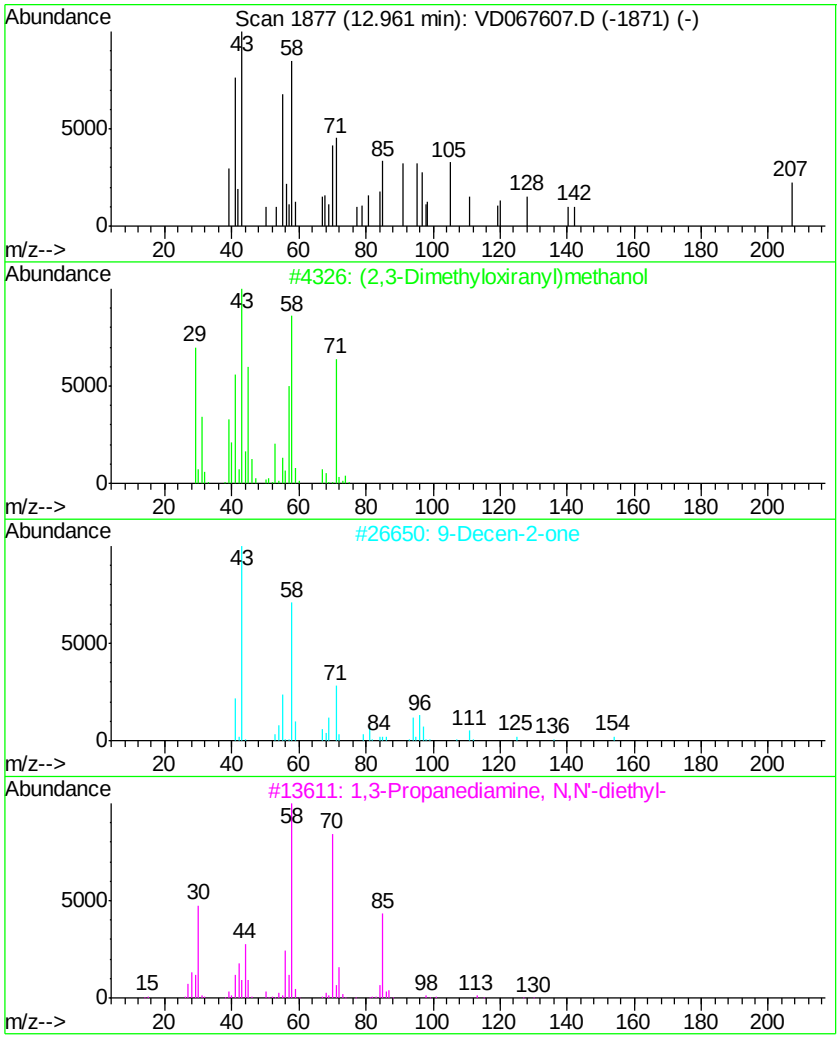
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

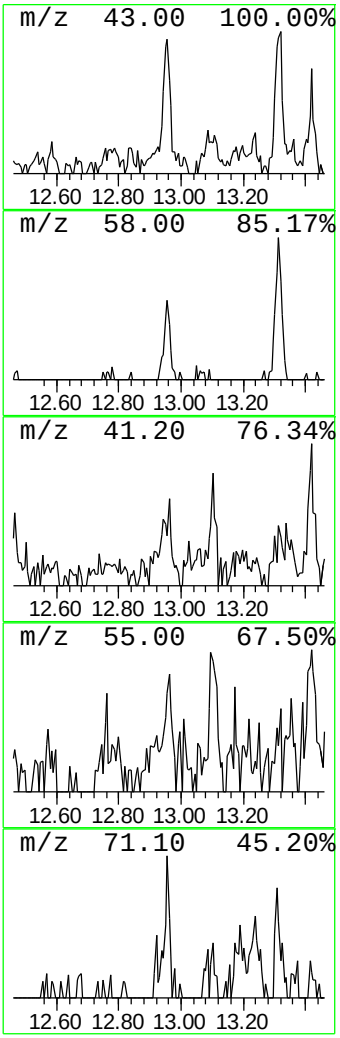
****

Peak Number 6 unknown12.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	7.02 ug/l	32192	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Dimethyloxiranyl)methanol	102	C5H10O2	1000306-71-8	37
2	9-Decen-2-one	154	C10H18O	035194-30-0	37
3	1,3-Propanediamine, N,N'-diethyl-	130	C7H18N2	010061-68-4	17
4	Undecane	156	C11H24	001120-21-4	14
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	10





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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

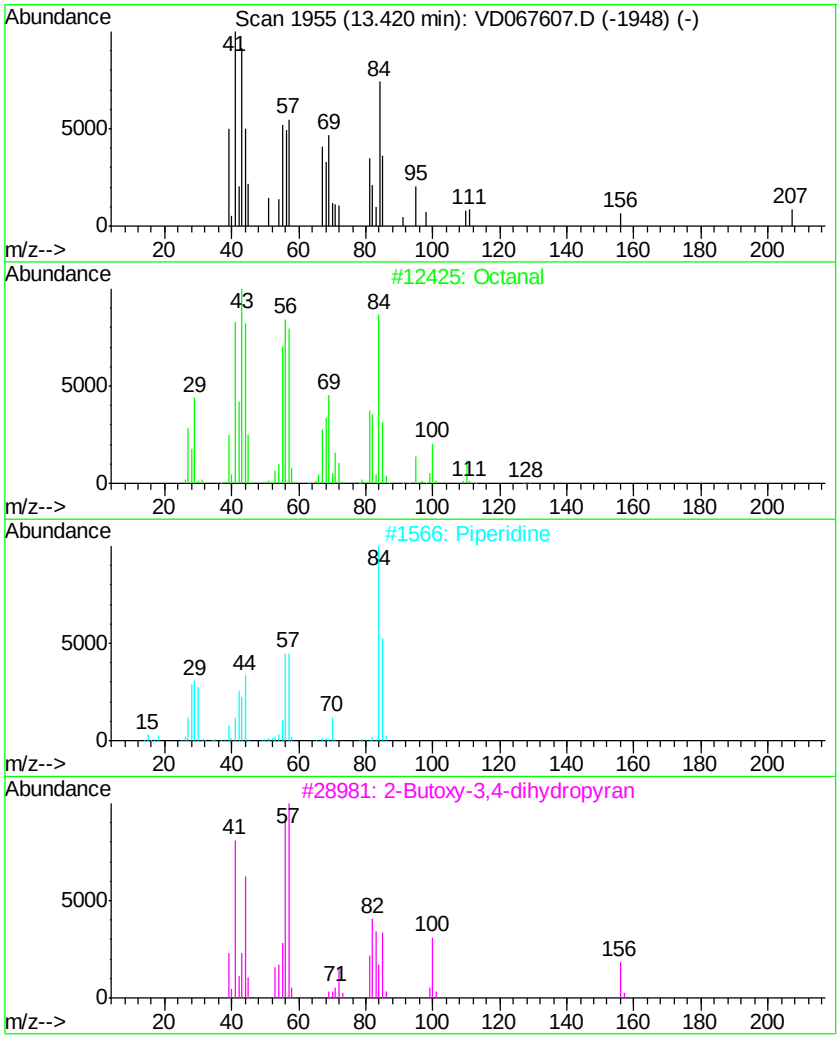
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

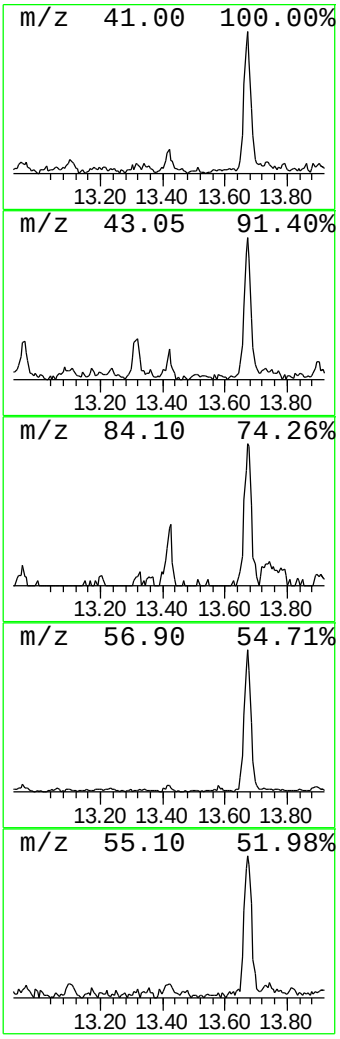
****

Peak Number 7 unknown13.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	7.72 ug/l	35379	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	47
2	Piperidine	85	C5H11N	000110-89-4	43
3	2-Butoxy-3,4-dihydropyran	156	C9H16O2	000332-19-4	35
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	35
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	27





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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

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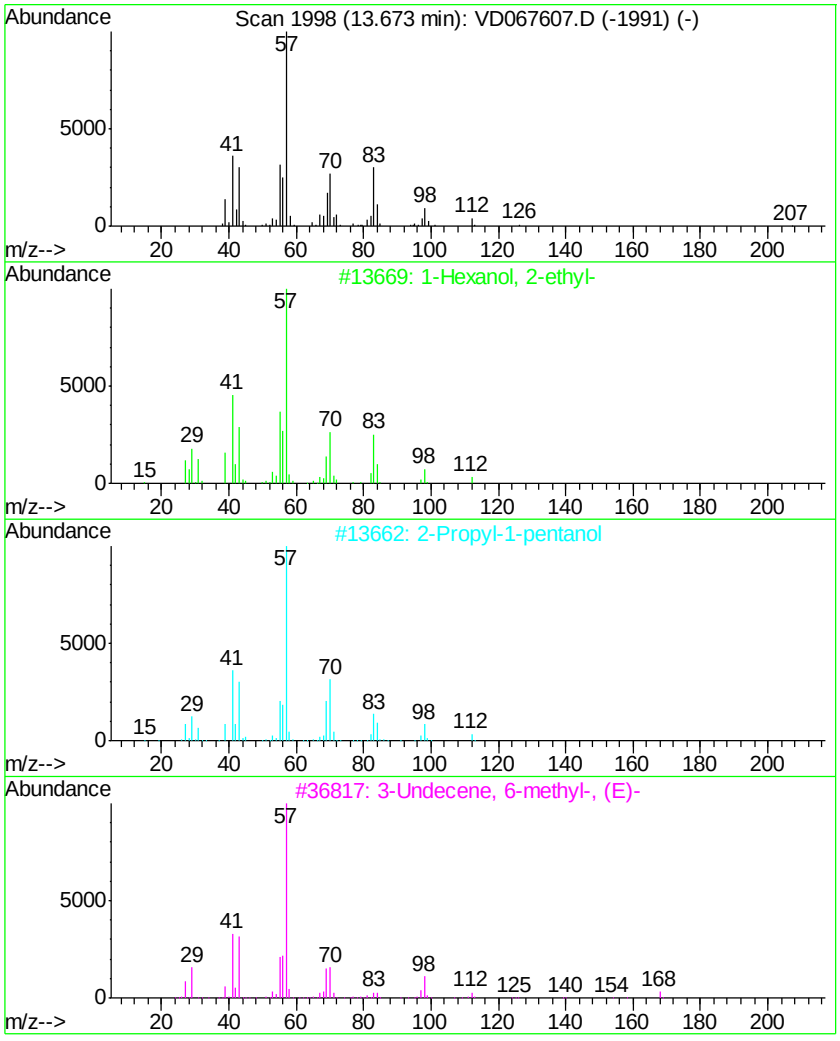
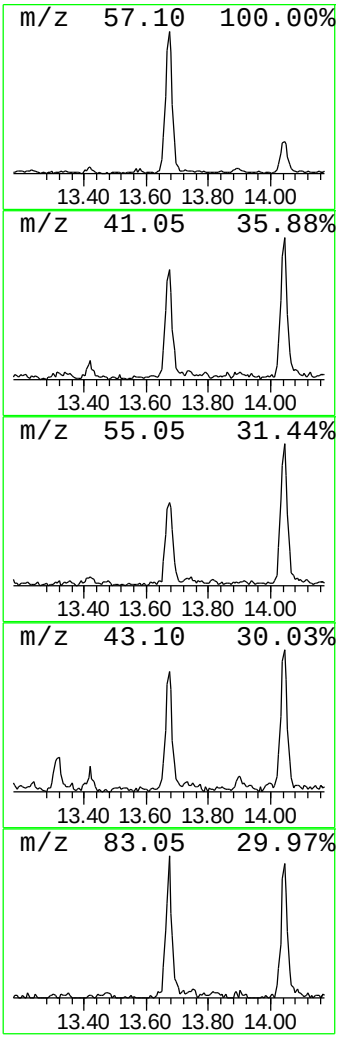
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	54.39 ug/l	249312	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	90
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
3	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	50
4	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	50
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067607.D
Acq On : 11 Nov 2020 17:25
Operator : VA/SY
Sample : L4706-02
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

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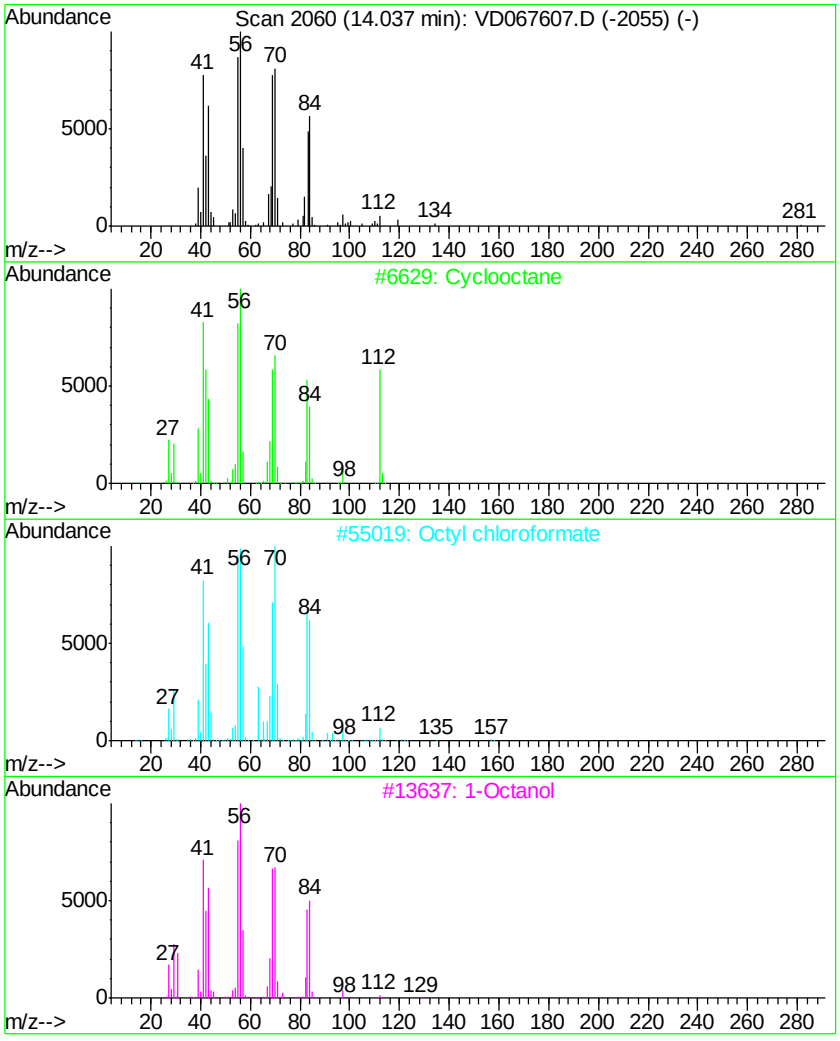
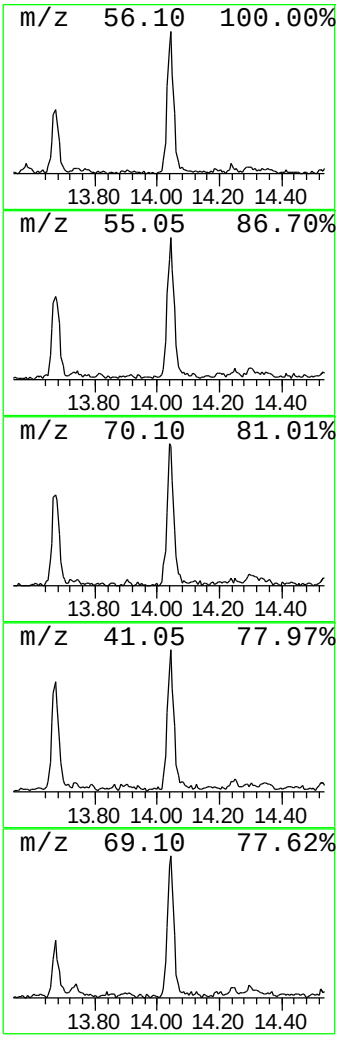
Peak Number 9 Cyclooctane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	64.30 ug/l	294755	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane	112	C8H16	000292-64-8	91
2	Octyl chloroformate	192	C9H17ClO2	007452-59-7	90
3	1-Octanol	130	C8H18O	000111-87-5	90
4	Formic acid, octyl ester	158	C9H18O2	000112-32-3	83
5	1-Nonanol	144	C9H20O	000143-08-8	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067607.D
Acq On : 11 Nov 2020 17:25
Operator : VA/SY
Sample : L4706-02
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

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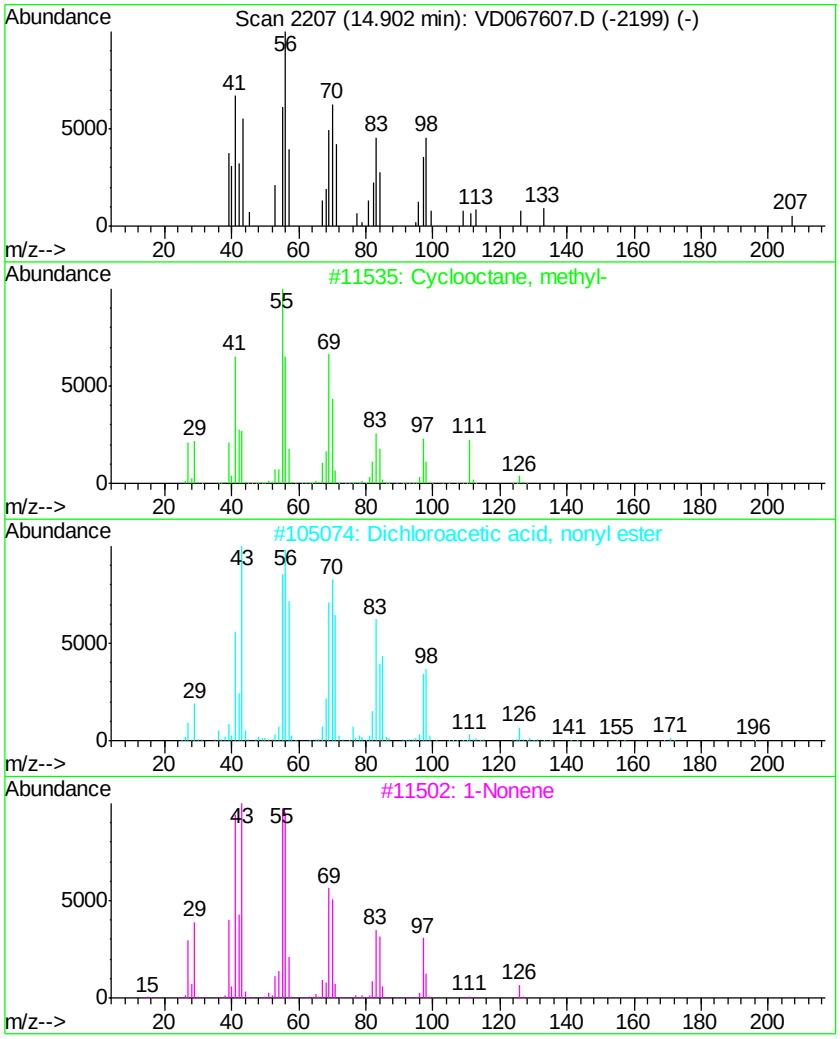
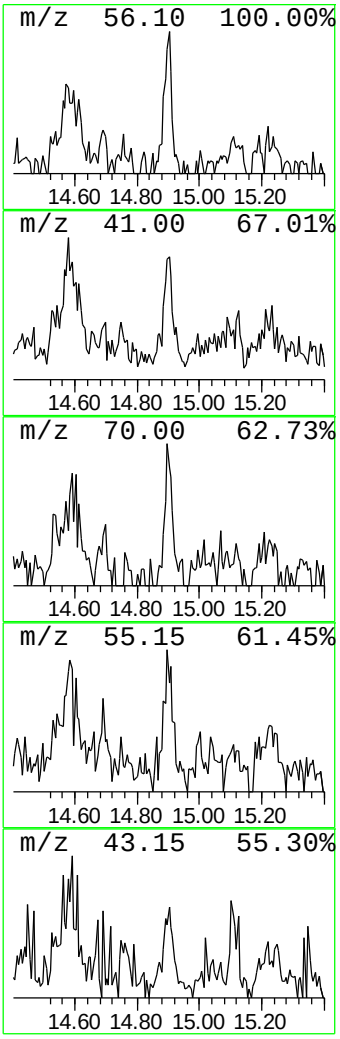
Peak Number 10 Cyclooctane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	9.23 ug/l	42310	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	53
2	Dichloroacetic acid, nonyl ester	254	C11H20Cl2O2	083004-99-3	53
3	1-Nonene	126	C9H18	000124-11-8	52
4	Formic acid, decyl ester	186	C11H22O2	005451-52-5	50
5	Cycloheptane	98	C7H14	000291-64-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111120\
Data File : VD067607.D
Acq On : 11 Nov 2020 17:25
Operator : VA/SY
Sample : L4706-02
Misc : 6.37G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16874

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
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
1-Butanol	9.06	7.7	ug/l	25644	2	8.87	167423	50.0
2-Pentanone	9.31	6.3	ug/l	21078	2	8.87	167423	50.0
Cyclopentane, met...	12.04	15.3	ug/l	70647	3	11.65	231097	50.0
2-Heptanone	12.26	23.0	ug/l	106351	3	11.65	231097	50.0
unknown12.96	12.96	7.0	ug/l	32192	4	13.58	229207	50.0
unknown13.42	13.42	7.7	ug/l	35379	4	13.58	229207	50.0
1-Hexanol, 2-ethyl-	13.67	54.4	ug/l	249312	4	13.58	229207	50.0
Cyclooctane	14.04	64.3	ug/l	294755	4	13.58	229207	50.0
Cyclooctane, methyl-	14.90	9.2	ug/l	42310	4	13.58	229207	50.0