LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

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\82D092220S.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	1.962	3	7	11	rBV	709493	1631427	54.34%	4.546%
2	5.279	560	571	588	rBV4	54323	249913	8.32%	0.696%
3	6.267	727	739	749	rVB5	12514	42618	1.42%	0.119%
4	8.050	1031	1042	1045	rBV	346725	762595	25.40%	2.125%
5	8.103	1046	1051	1063	rVV	1006158	2297677	76.53%	6.403%
6	8.303	1080	1085	1092	rVB6	14575	30775	1.03%	0.086%
7	8.450	1095	1110	1123	rBV2	237958	635251	21.16%	1.770%
8	8.808	1165	1171	1178	rBV6	12114	30496	1.02%	0.085%
9	8.950	1186	1195	1209	rBV	1465550	3002153	100.00%	8.366%
10	9.420	1264	1275	1286	rBV2	45201	109657	3.65%	0.306%
11	10.379	1429	1438	1444	rBV	1679508	2981519	99.31%	8.308%
12	10.444	1444	1449	1457	rVB	794490	1458661	48.59%	4.065%
13	10.550	1462	1467	1473	rVB6	18362	37526	1.25%	0.105%
14	11.661	1647	1656	1666	rBV	1203596	2122312	70.69%	5.914%
15	11.761	1666	1673	1681	rVB	137456	242206	8.07%	0.675%
16	11.867	1681	1691	1701	rBV	478545	898201	29.92%	2.503%
17	12.191	1738	1746	1753	rBV	224827	404344	13.47%	1.127%
18	12.491	1791	1797	1804	rBV3	26734	47122	1.57%	0.131%
19	12.644	1815	1823	1836	rBV	701829	1181465	39.35%	3.292%
20	12.826	1849	1854	1859	rBV	39593	59104	1.97%	0.165%
21	12.891	1859	1865	1868	rBV	142607	215512	7.18%	0.601%
22	12.967	1874	1878	1883	rVB	79585	128088	4.27%	0.357%
23	13.126	1897	1905	1911	rBV	50263	91163	3.04%	0.254%
24	13.273	1924	1930	1944	rVB	245799	432484	14.41%	1.205%
25	13.579	1976	1982	1988	rBV	571159	1038045	34.58%	2.893%
26	13.643	1988	1993	2004	rVB2	703427	1272567	42.39%	3.546%
27	13.779	2011	2016	2021	rBV4	51097	92355	3.08%	0.257%
28	14.038	2056	2060	2068	rVV8	20175	53825	1.79%	0.150%
29	14.120	2068	2074	2080	rVB5	23081	44885	1.50%	0.125%
30	14.232	2088	2093	2103	rBV8	14807	32043	1.07%	0.089%
31	14.355	2105	2114	2120	rBV8	34036	55380	1.84%	0.154%
32	14.438	2120	2128	2133	rBV	323542	533902	17.78%	1.488%
33	14.543	2140	2146	2147	rBV2	434531	584205	19.46%	1.628%
34	14.573	2147	2151	2164	rVB	1280831	2157241	71.86%	6.011%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

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\82D092220S.M
Title : SW846 8260

35	14.832	2190	2195	2201	rBV7	16876	36725	1.22%	0.102%
36	14.902	2201	2207	2216	rBV	858618	1353097	45.07%	3.771%
37	15.108	2235	2242	2250	rVB2	205255	386902	12.89%	1.078%
38	15.220	2255	2261	2263	rBV2	285447	448872	14.95%	1.251%
39	15.249	2263	2266	2273	rVB2	600125	963252	32.09%	2.684%
40	15.385	2282	2289	2291	rBV2	605981	1030023	34.31%	2.870%
41	15.420	2291	2295	2310	rVV2	1481276	2662677	88.69%	7.420%
42	15.549	2313	2317	2324	rVB9	27103	57696	1.92%	0.161%
43	15.785	2350	2357	2372	rBV	697411	1307725	43.56%	3.644%
44	15.908	2376	2378	2386	rVB8	25569	51105	1.70%	0.142%
45	16.102	2402	2411	2415	rBV2	255923	515400	17.17%	1.436%
46	16.155	2415	2420	2428	rVB3	226632	436003	14.52%	1.215%
47	16.267	2434	2439	2443	rBV7	29388	49389	1.65%	0.138%
48	16.320	2443	2448	2451	rVV2	208218	374880	12.49%	1.045%
49	16.367	2451	2456	2466	rVV2	449777	922431	30.73%	2.570%
50	16.455	2467	2471	2476	rVB5	43546	75673	2.52%	0.211%
51	16.614	2492	2498	2507	rVB2	126654	257104	8.56%	0.716%

Sum of corrected areas: 35885671

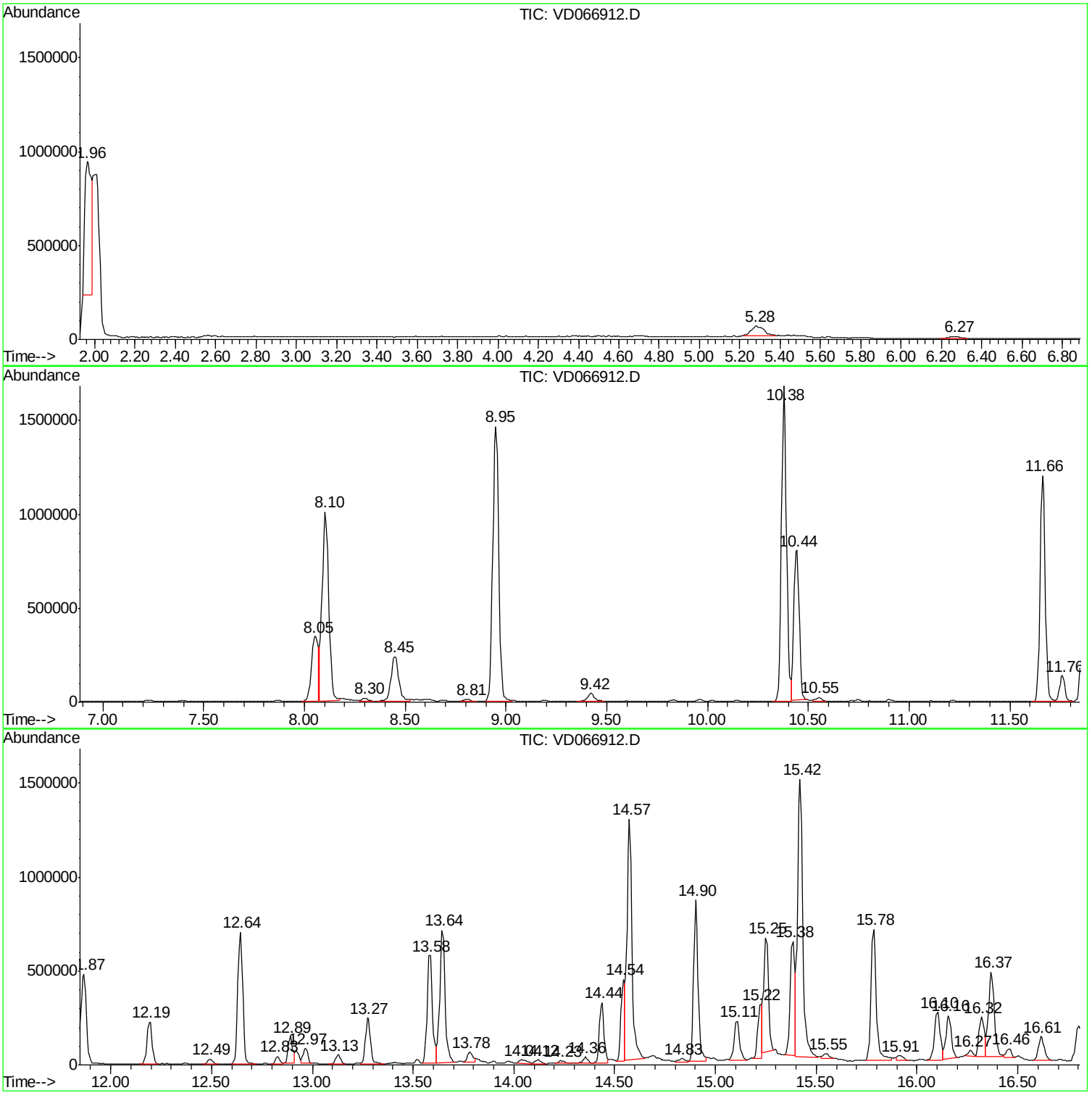
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

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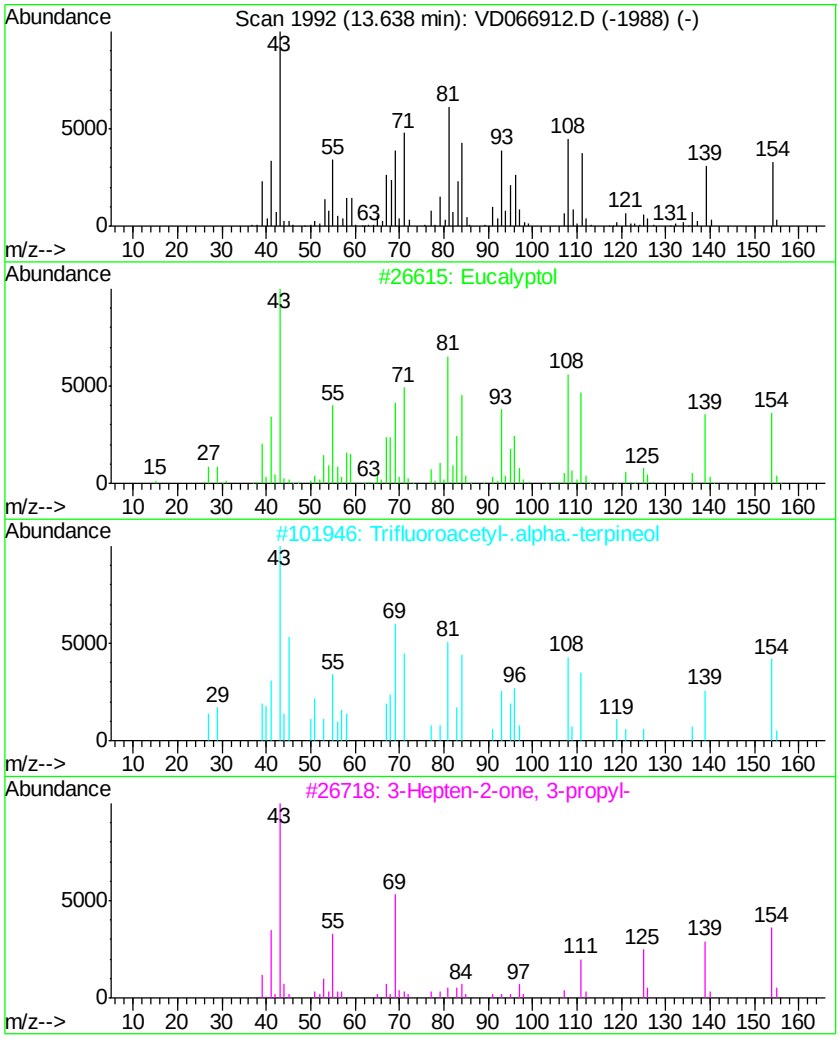
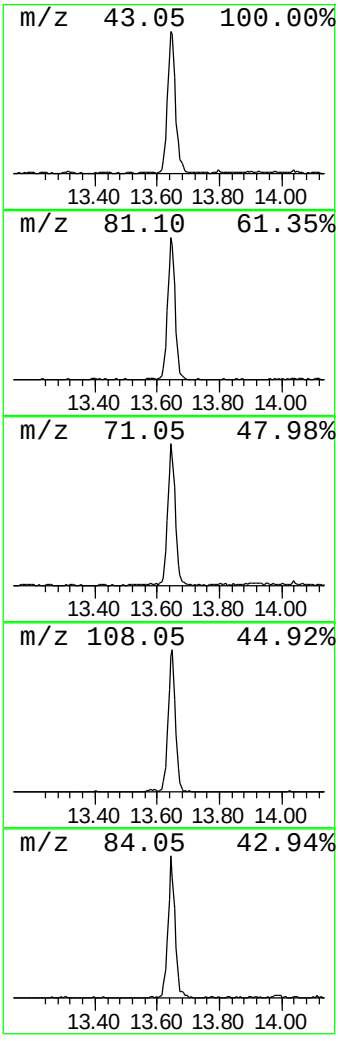
Peak Number 2 Eucalyptol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	61.30 ug/l	1272570	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	83
3	3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	25
4	2-Cyclohexen-1-ol, 3-methyl-6-(1...	154	C10H18O	016721-39-4	16
5	5-Hepten-2-one, 6-methyl-	126	C8H14O	000110-93-0	14





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

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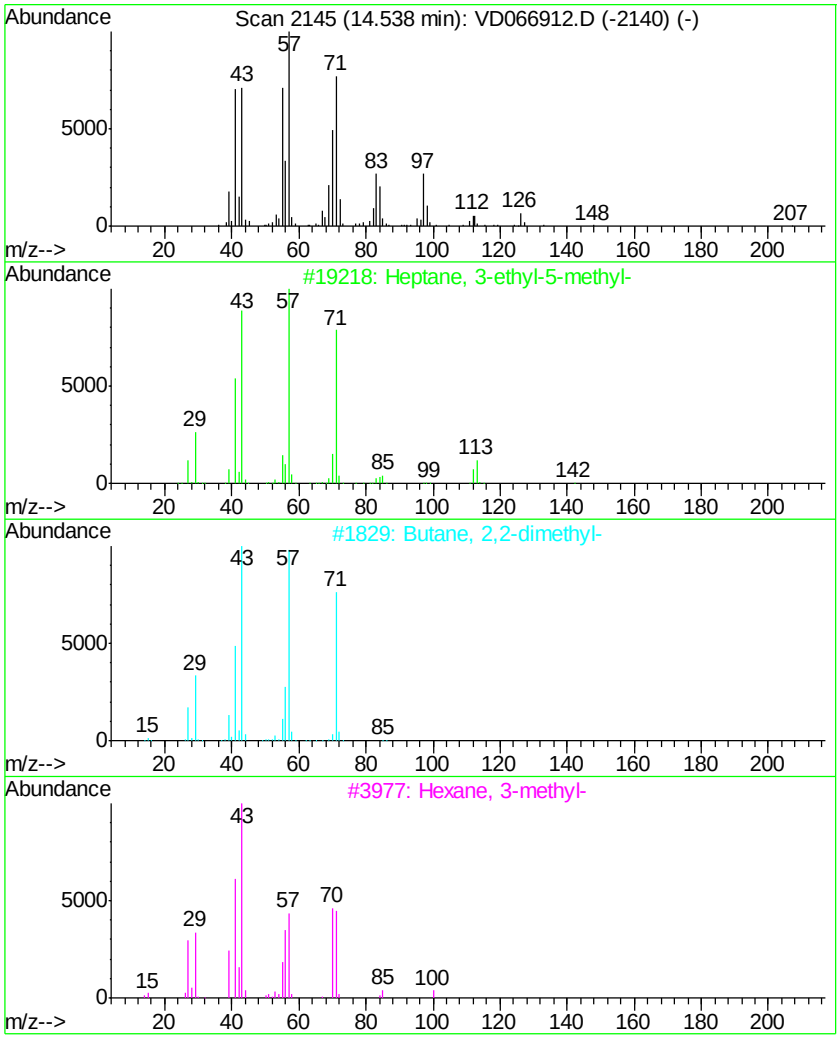
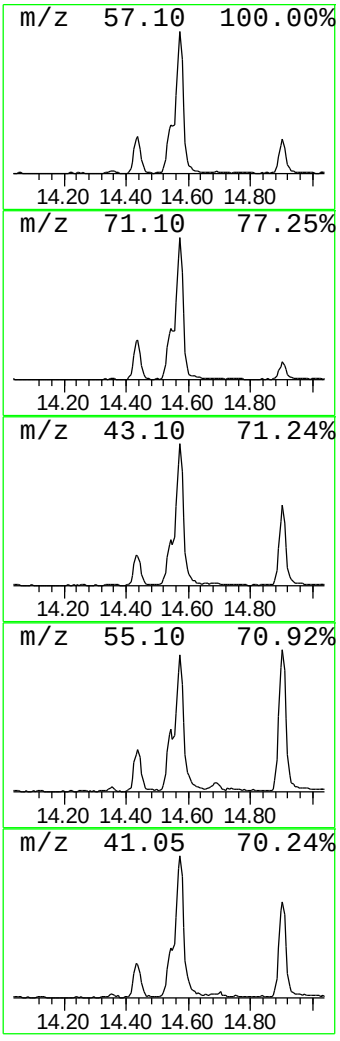
Peak Number 3 unknown14.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	28.14 ug/l	584205	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	43
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	35
4	Methylamine, N-(1-methylheptylid...	141	C9H19N	018641-72-0	35
5	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

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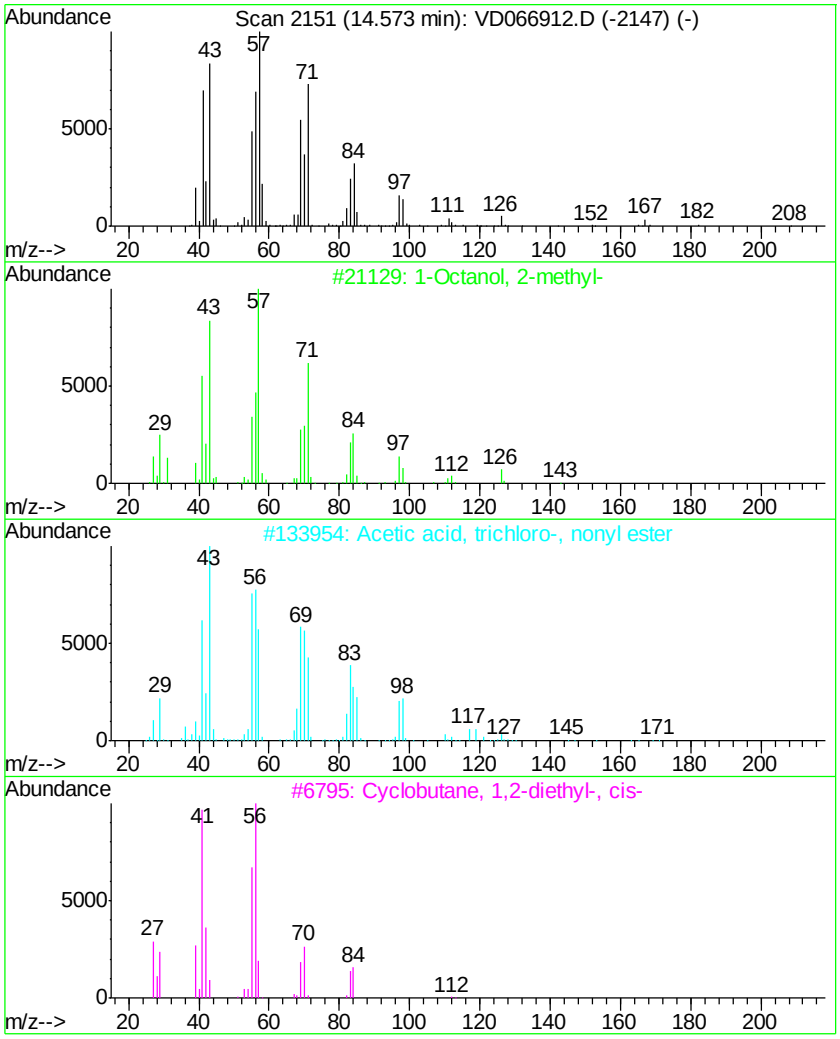
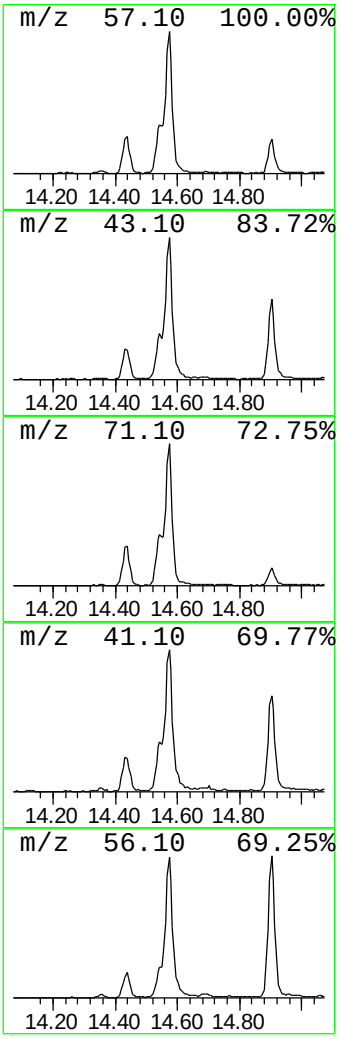
Peak Number 4 1-Octanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	103.91 ug/l	2157240	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	86
2	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	53
3	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	53
4	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	49
5	1-Nonene	126	C9H18	000124-11-8	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

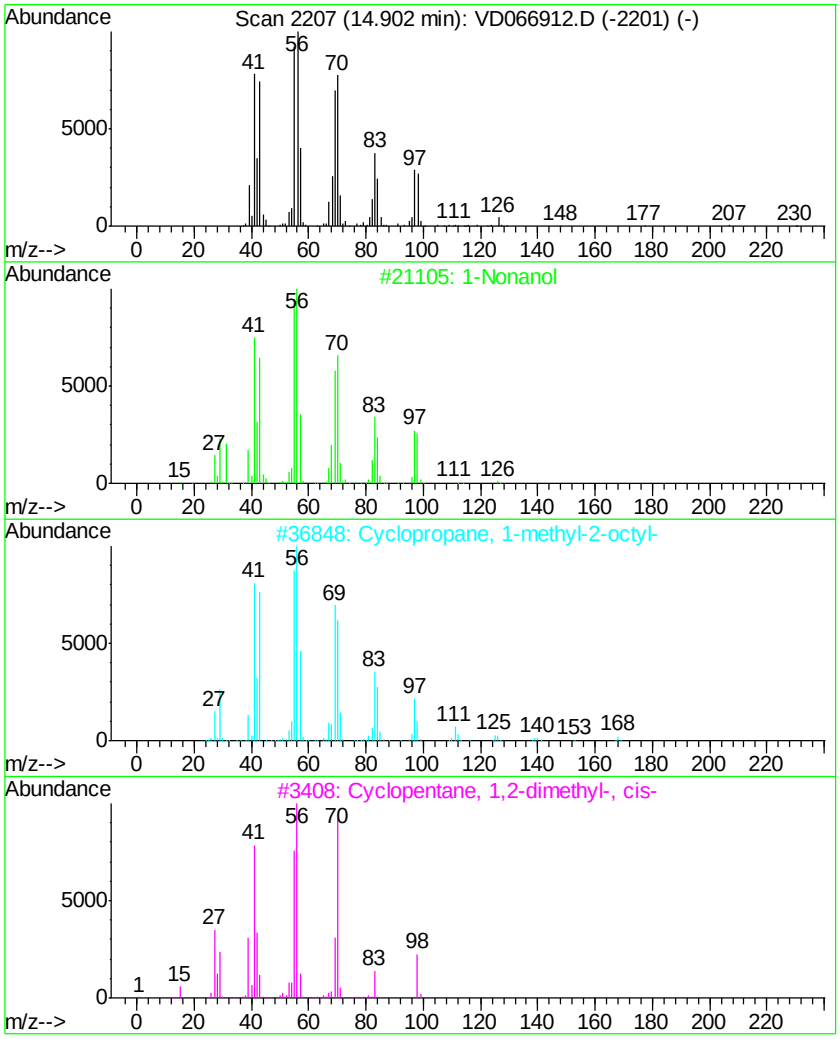
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

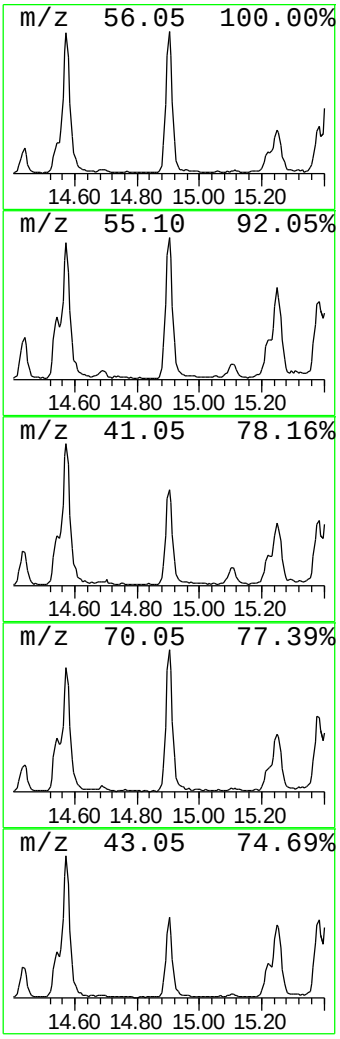
****

Peak Number 5 1-Nonanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	65.18 ug/l	1353100	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	80
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	76
4	Cycloheptane	98	C7H14	000291-64-5	74
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

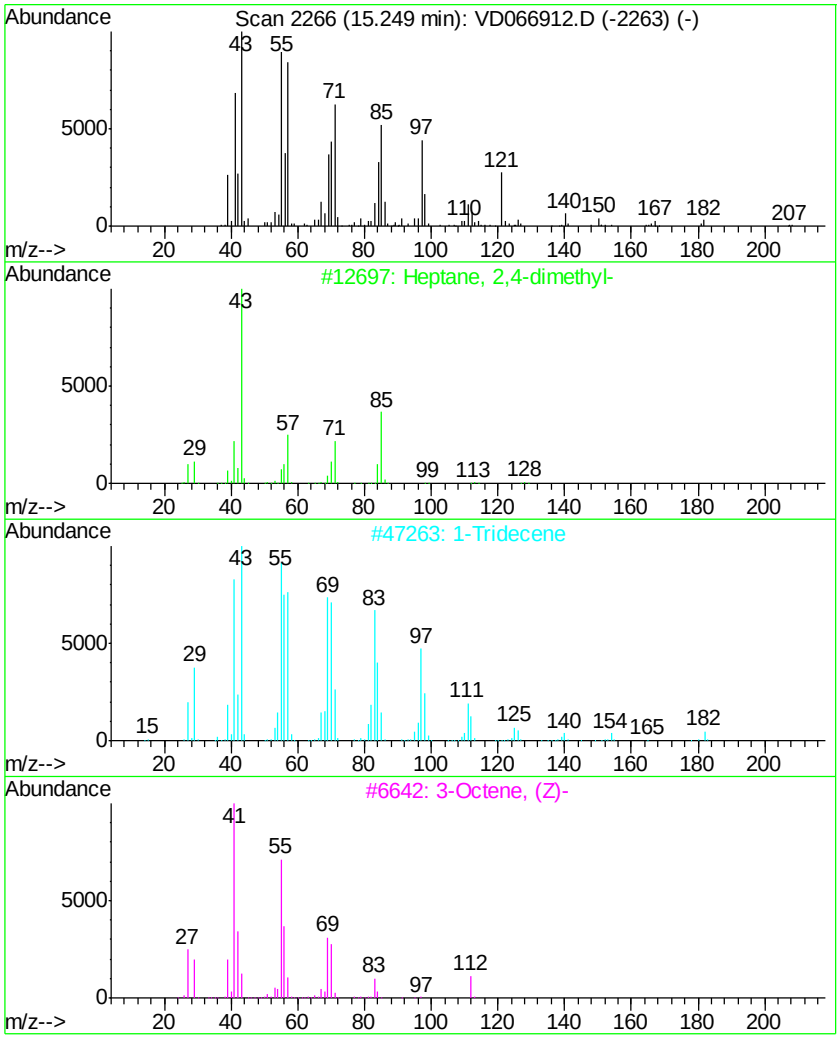
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

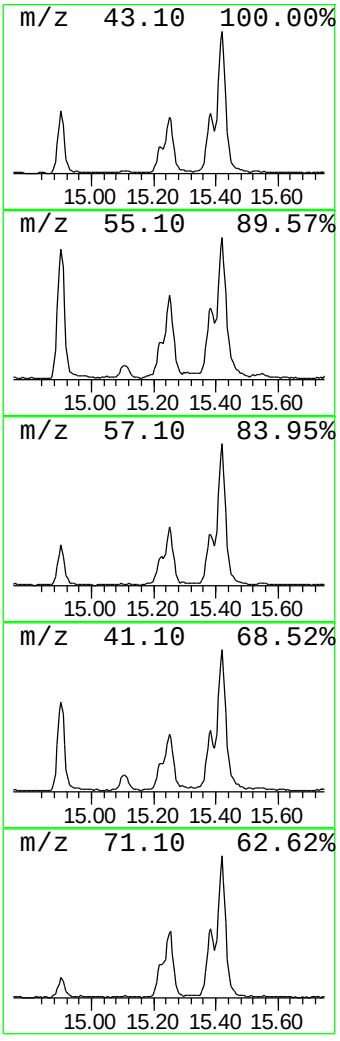
****

Peak Number 6 Heptane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	46.40 ug/l	963252	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
2	1-Tridecene	182	C13H26	002437-56-1	43
3	3-Octene, (Z)-	112	C8H16	014850-22-7	35
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	27
5	1-Hexene-3,5-dione	112	C6H8O2	052204-69-0	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

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

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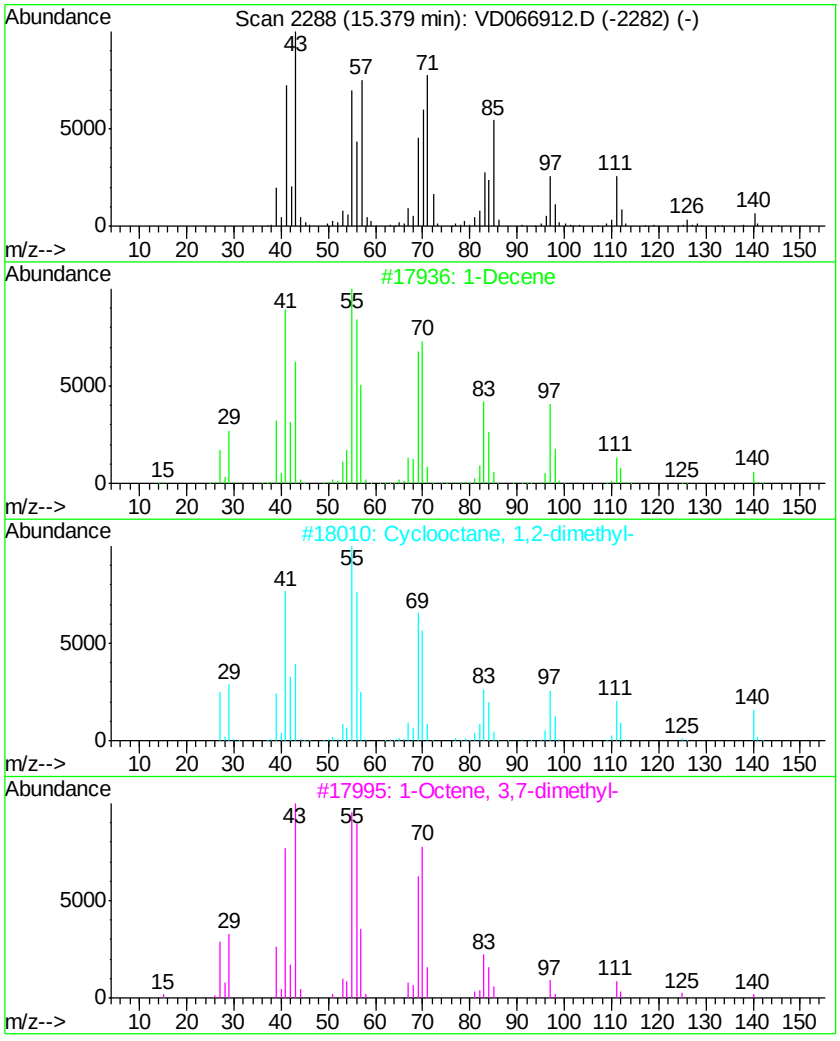
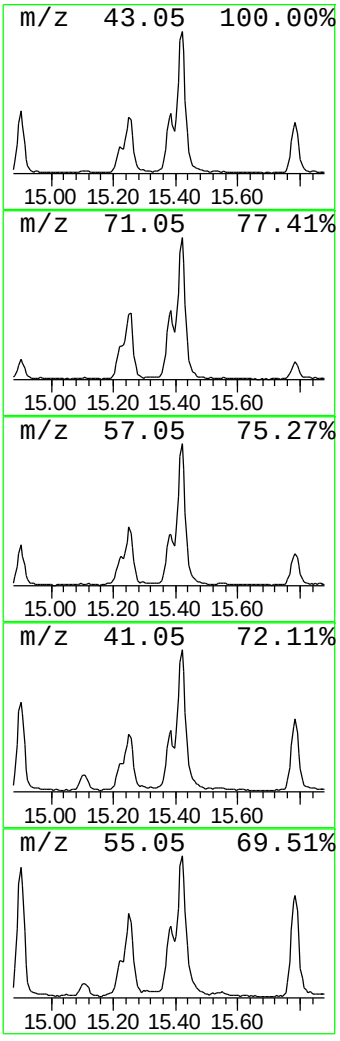
Peak Number 7 1-Decene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	49.61 ug/l	1030020	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	90
2	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	55
3	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	49
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	46
5	Cyclodecane	140	C10H20	000293-96-9	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

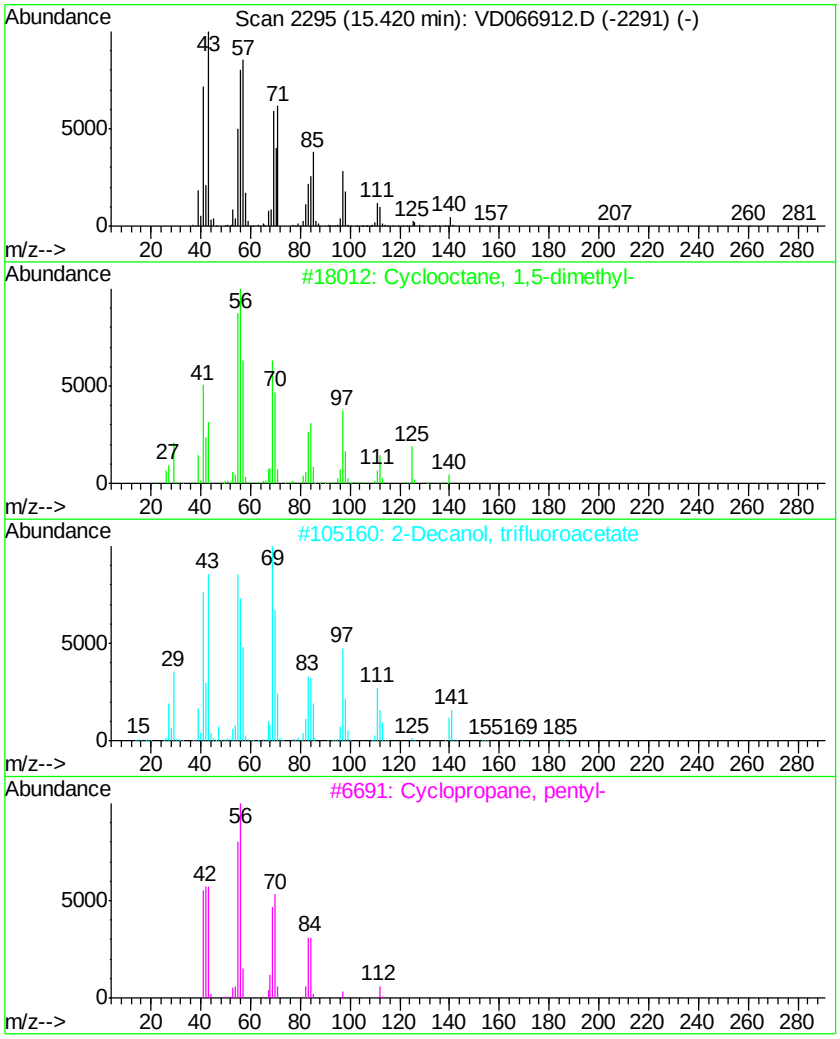
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

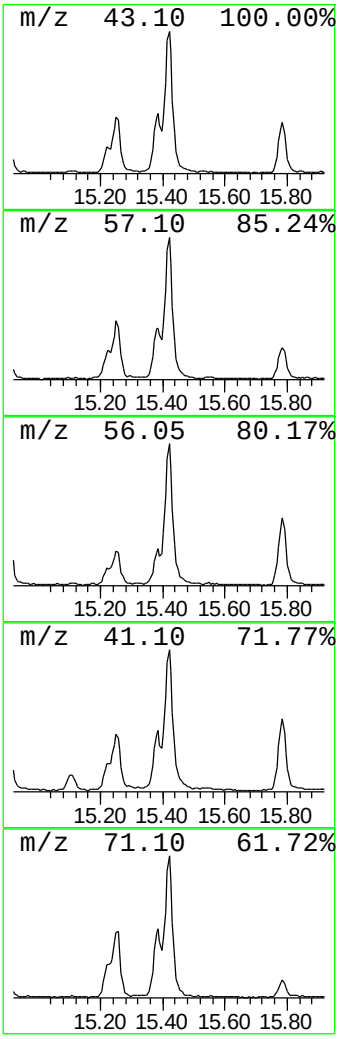
****

Peak Number 8 Cyclooctane, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	128.25 ug/l	2662680	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	62
2	2-Decanol, trifluoroacetate	254	C12H21F3O2	1000352-32-8	53
3	Cyclopropane, pentyl-	112	C8H16	002511-91-3	47
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	43
5	Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-05-5	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

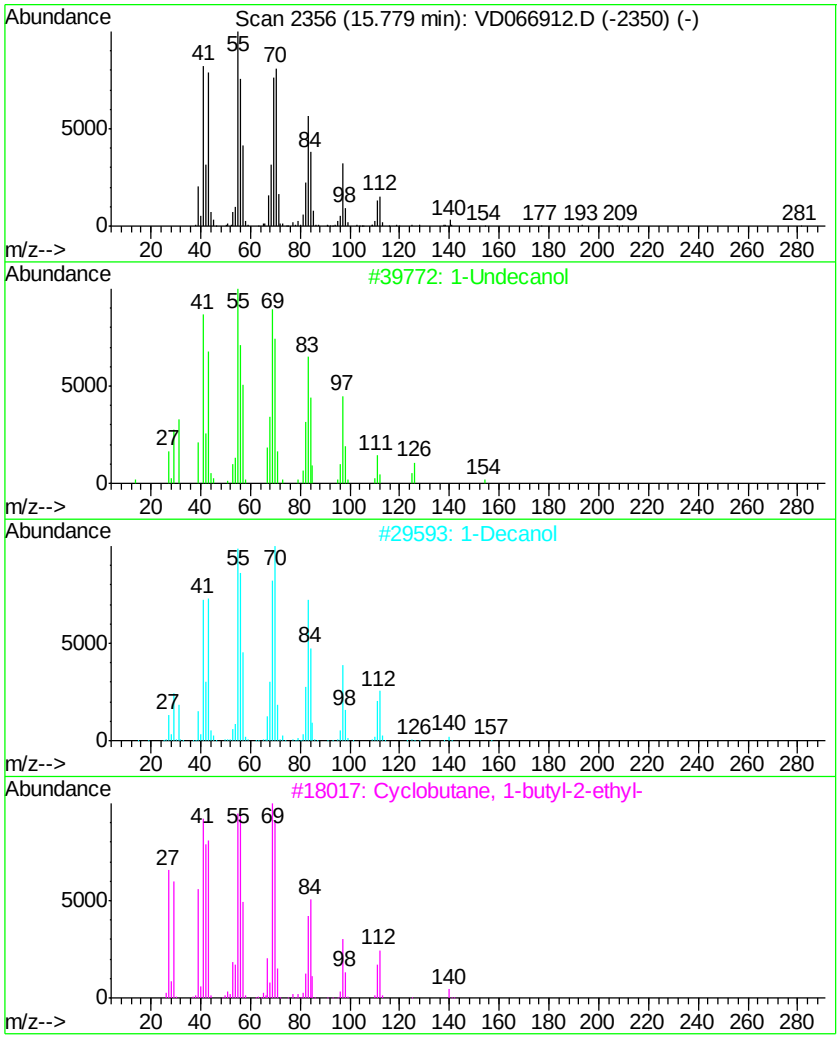
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

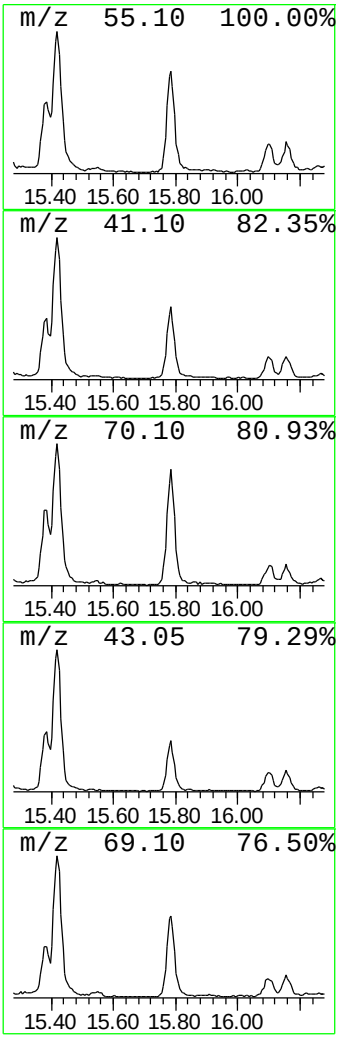
****

Peak Number 9 1-Undecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	62.99 ug/l	1307730	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecanol	172	C11H24O	000112-42-5	91
2	1-Decanol	158	C10H22O	000112-30-1	91
3	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	87
4	Cyclooctane	112	C8H16	000292-64-8	83
5	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260

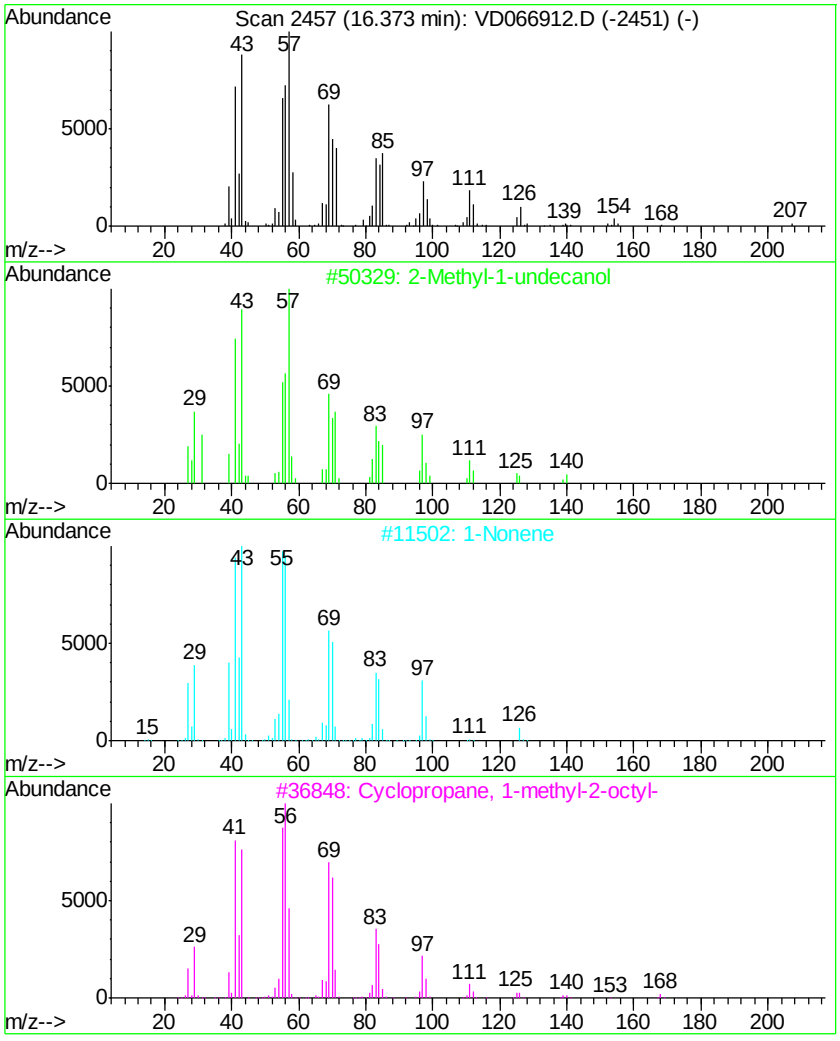
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

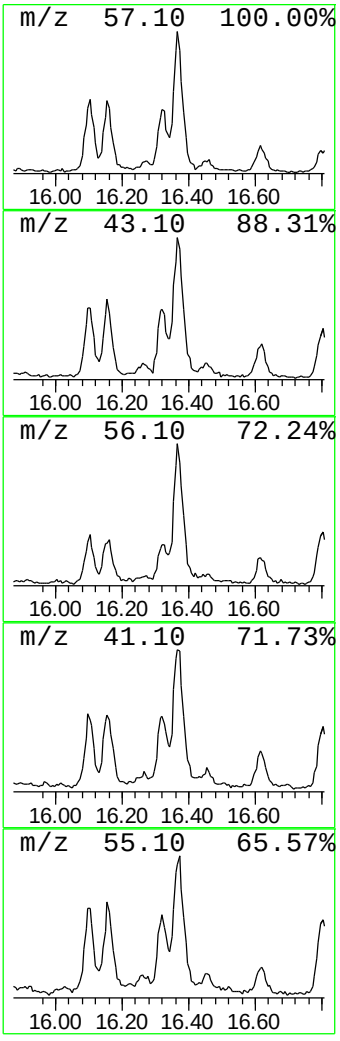
****

Peak Number 10 2-Methyl-1-undecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	44.43 ug/l	922431	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	80
2	1-Nonene	126	C9H18	000124-11-8	64
3	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	64
4	1-Undecene	154	C11H22	000821-95-4	60
5	Cyclopropane, pentyl-	112	C8H16	002511-91-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.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
Eucalyptol	13.64	61.3	ug/l	1272570	4	13.58	1038050	50.0
unknown14.54	14.54	28.1	ug/l	584205	4	13.58	1038050	50.0
1-Octanol, 2-methyl-	14.57	103.9	ug/l	2157240	4	13.58	1038050	50.0
1-Nonanol	14.90	65.2	ug/l	1353100	4	13.58	1038050	50.0
Heptane, 2,4-dime...	15.25	46.4	ug/l	963252	4	13.58	1038050	50.0
1-Decene	15.38	49.6	ug/l	1030020	4	13.58	1038050	50.0
Cyclooctane, 1,5-...	15.42	128.3	ug/l	2662680	4	13.58	1038050	50.0
1-Undecanol	15.78	63.0	ug/l	1307730	4	13.58	1038050	50.0
2-Methyl-1-undecanol	16.37	44.4	ug/l	922431	4	13.58	1038050	50.0