LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

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_N\METHODS\82N052820W.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	2.600	252	257	268	rVB6	24698	38572	1.88%	0.137%
2	3.223	436	451	466	rBV3	9168	21454	1.05%	0.076%
3	3.783	608	625	644	rBV2	17414	48500	2.36%	0.172%
4	7.545	1776	1795	1805	rBV2	141182	348228	16.96%	1.234%
5	7.619	1805	1818	1837	rVB	323732	775690	37.79%	2.749%
6	7.982	1914	1931	1951	rBV	179750	419239	20.42%	1.486%
7	8.545	2090	2106	2127	rBV	475152	994402	48.44%	3.524%
8	9.474	2384	2395	2407	rVB	11414	22371	1.09%	0.079%
9	10.059	2558	2577	2587	rBV	744387	1371192	66.79%	4.859%
10	10.123	2587	2597	2615	rVB	350227	644998	31.42%	2.286%
11	11.381	2974	2988	3009	rBV	705255	1233768	60.10%	4.372%
12	11.603	3044	3057	3071	rVB7	18423	40791	1.99%	0.145%
13	12.377	3283	3298	3309	rBV	593344	968835	47.19%	3.433%
14	12.628	3364	3376	3383	rBV3	27838	53346	2.60%	0.189%
15	12.702	3390	3399	3409	rVB2	236889	357146	17.40%	1.266%
16	12.754	3410	3415	3424	rVB4	25999	37806	1.84%	0.134%
17	12.857	3426	3447	3455	rBV5	23384	77978	3.80%	0.276%
18	12.937	3465	3472	3484	rVB2	77416	121506	5.92%	0.431%
19	13.014	3485	3496	3505	rBV	96454	163646	7.97%	0.580%
20	13.066	3506	3512	3521	rVB6	22504	31733	1.55%	0.112%
21	13.123	3522	3530	3533	rBV4	30497	43931	2.14%	0.156%
22	13.210	3543	3557	3565	rBV7	102504	228482	11.13%	0.810%
23	13.258	3565	3572	3578	rVV3	97080	149082	7.26%	0.528%
24	13.320	3578	3591	3608	rVV	867479	1662171	80.97%	5.890%
25	13.400	3609	3616	3625	rVB	89558	125078	6.09%	0.443%
26	13.516	3647	3652	3659	rVB2	84487	109581	5.34%	0.388%
27	13.561	3659	3666	3680	rVB4	91476	175845	8.57%	0.623%
28	13.647	3682	3693	3702	rBV	899968	1407876	68.58%	4.989%
29	13.808	3737	3743	3752	rVB6	135709	199844	9.73%	0.708%
30	13.863	3754	3760	3768	rVB2	159496	226347	11.03%	0.802%
31	13.908	3769	3774	3782	rVB4	100125	139792	6.81%	0.495%
32	13.969	3784	3793	3802	rBV2	212708	338129	16.47%	1.198%
33	14.037	3804	3814	3824	rBV8	107933	255564	12.45%	0.906%
34	14.139	3837	3846	3861	rBV10	337759	847783	41.30%	3.004%

LSC Area Percent Report

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Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

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_N\METHODS\82N052820W.M
Title : SW846 8260

35	14.271	3880	3887	3893	rBV3	294936	425626	20.73%	1.508%
36	14.307	3893	3898	3906	rVB2	232998	315297	15.36%	1.117%
37	14.409	3925	3930	3936	rVB2	115086	137715	6.71%	0.488%
38	14.451	3937	3943	3946	rVV2	139570	181985	8.86%	0.645%
39	14.500	3950	3958	3967	rVB	1449788	2052883	100.00%	7.275%
40	14.564	3968	3978	3987	rBV6	604451	1249125	60.85%	4.426%
41	14.615	3988	3994	4006	rVB4	519070	886712	43.19%	3.142%
42	14.821	4053	4058	4065	rVB5	238323	318121	15.50%	1.127%
43	14.975	4100	4106	4114	rBV2	715342	985218	47.99%	3.491%
44	15.085	4132	4140	4150	rBV7	411913	846883	41.25%	3.001%
45	15.217	4172	4181	4191	rBV6	436844	919019	44.77%	3.257%
46	15.300	4200	4207	4221	rVB4	1017620	1745122	85.01%	6.184%
47	15.387	4227	4234	4248	rVB4	335408	773669	37.69%	2.742%
48	15.580	4287	4294	4308	rVB	798681	1462637	71.25%	5.183%
49	15.872	4375	4385	4396	rBV3	510547	985166	47.99%	3.491%
50	16.062	4436	4444	4455	rVB2	471859	908355	44.25%	3.219%
51	16.123	4458	4463	4476	rVB6	212083	345020	16.81%	1.223%

Sum of corrected areas: 28219259

LSC Report - Integrated Chromatogram

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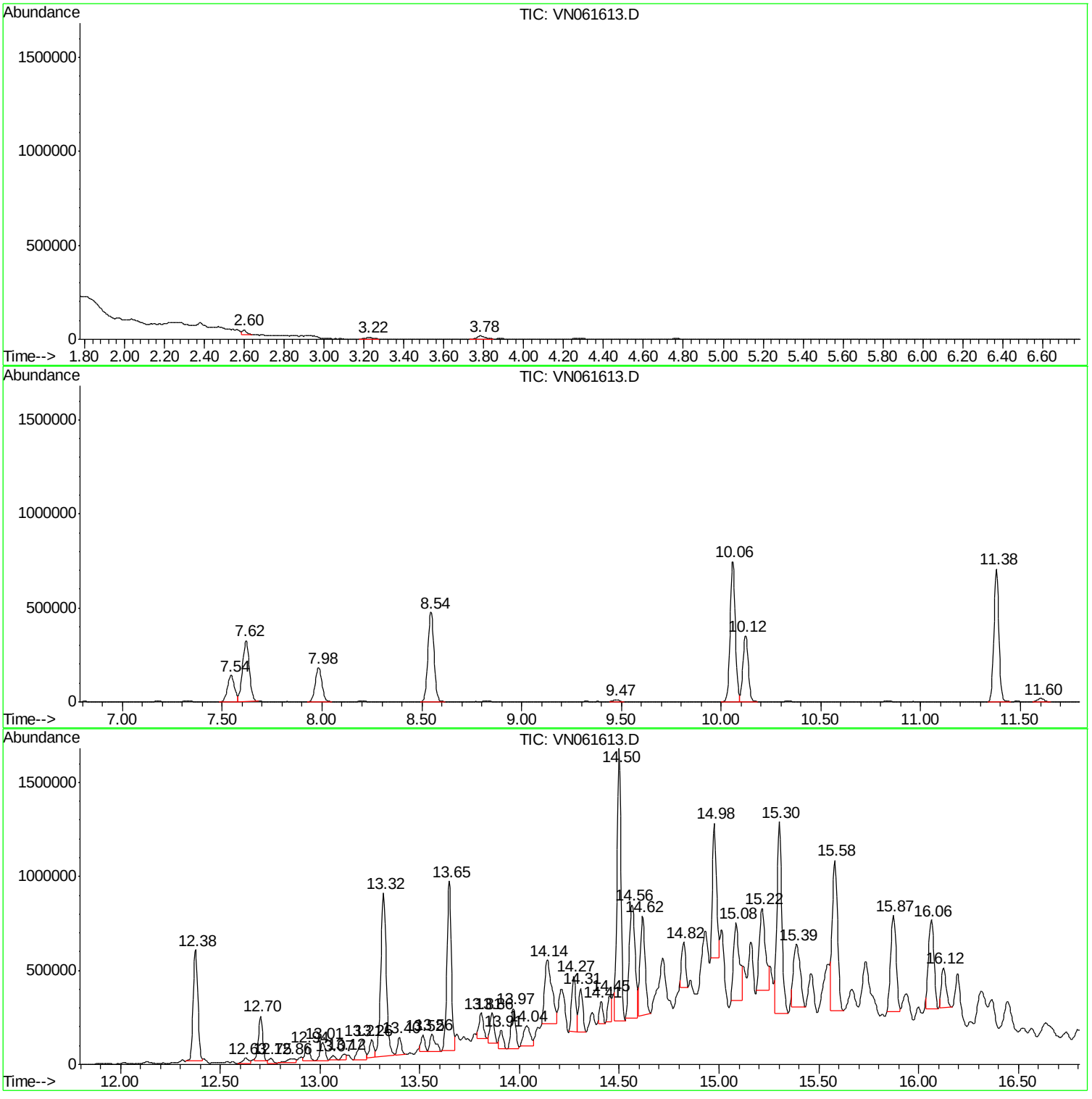
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.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_N\DATA\VN060220\
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
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Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

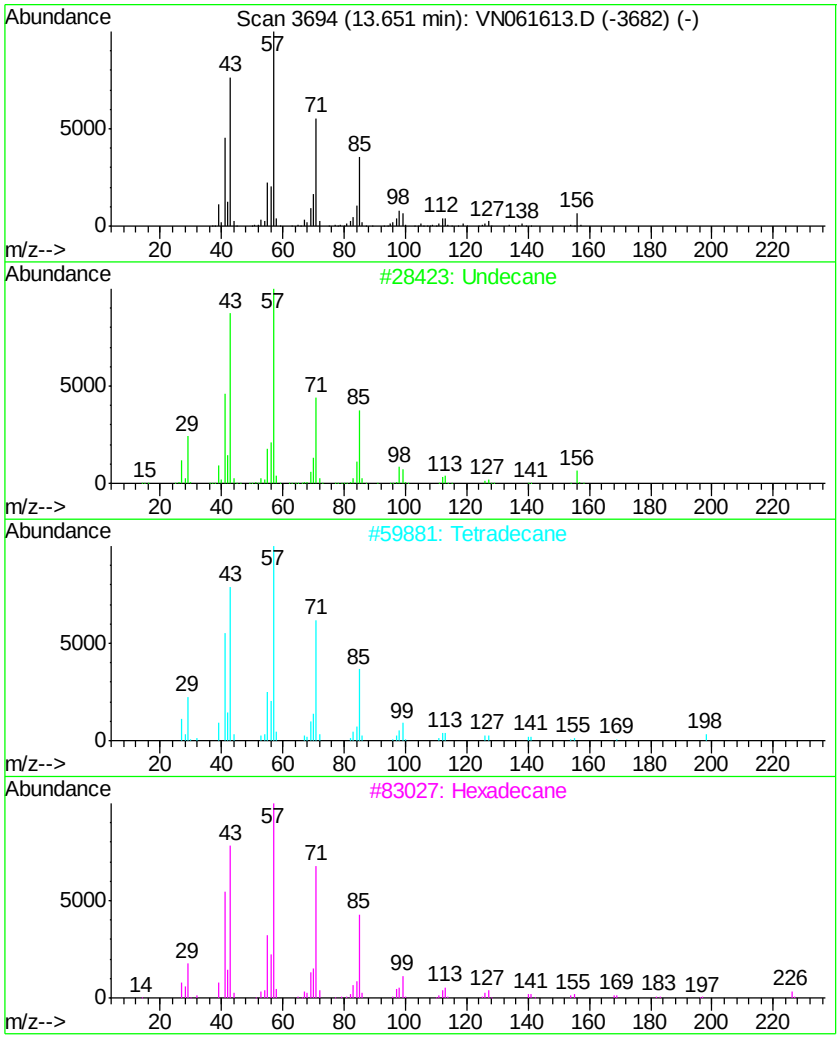
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

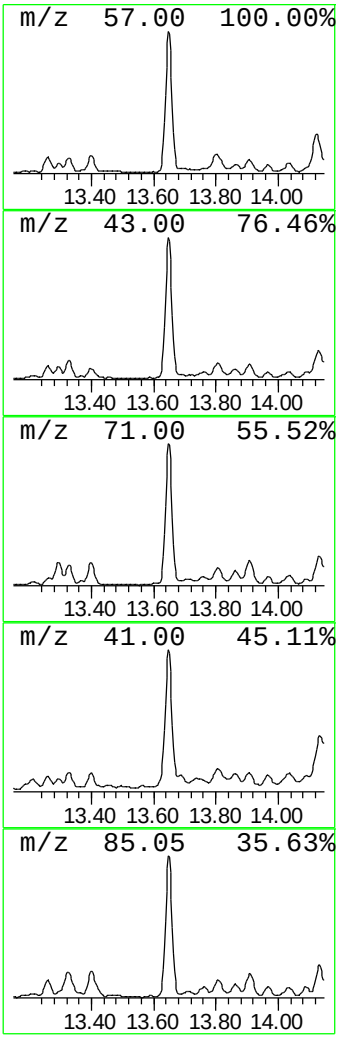
****

Peak Number 1 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	42.35 ug/l	1407880	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

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

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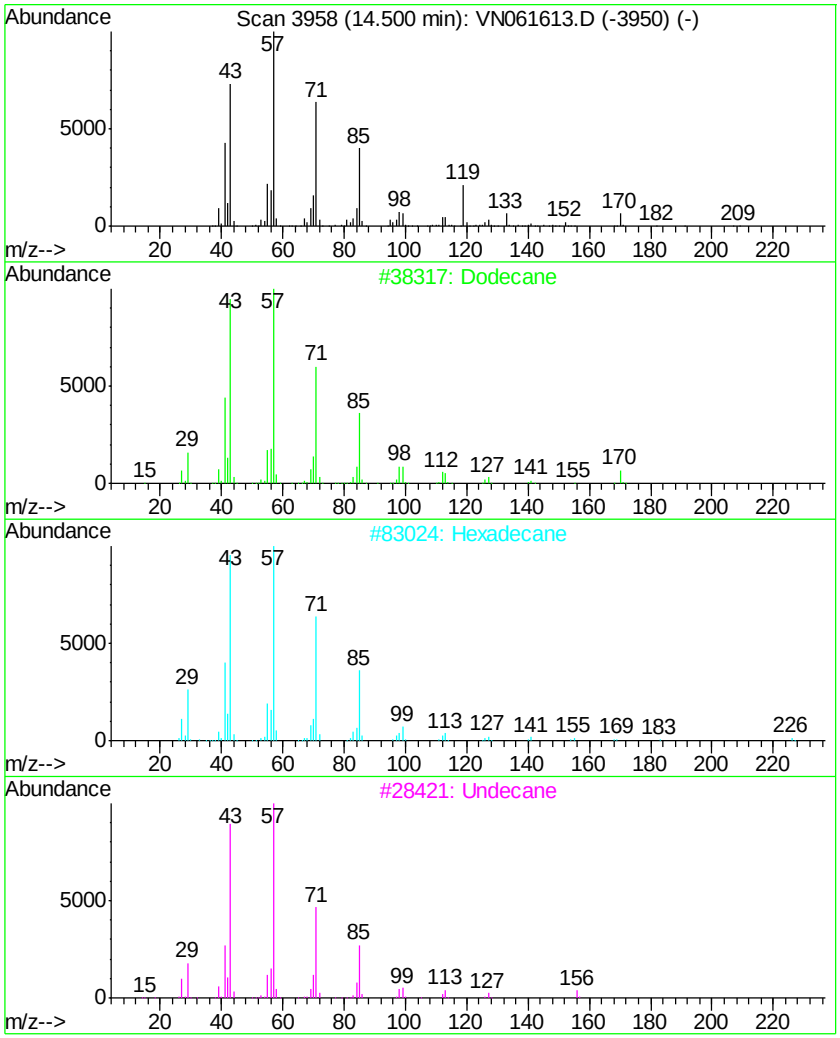
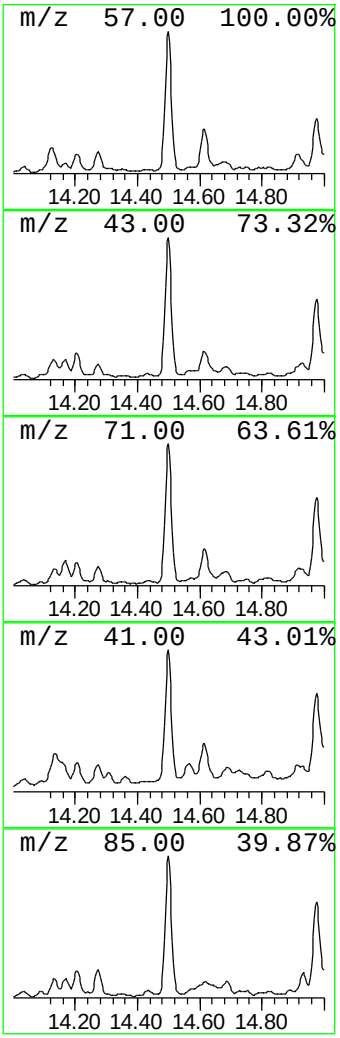
Peak Number 2 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	61.75 ug/l	2052880	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Hexadecane	226	C16H34	000544-76-3	64
3	Undecane	156	C11H24	001120-21-4	64
4	Nonane	128	C9H20	000111-84-2	60
5	Nonadecane	268	C19H40	000629-92-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

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

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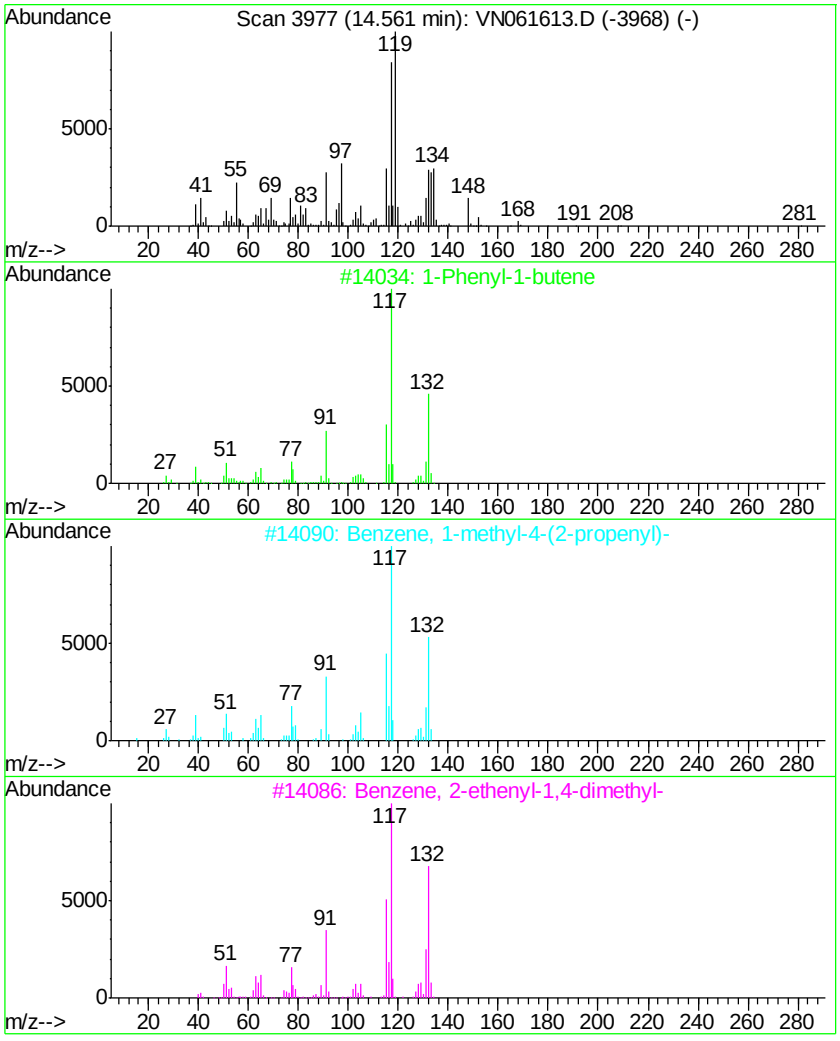
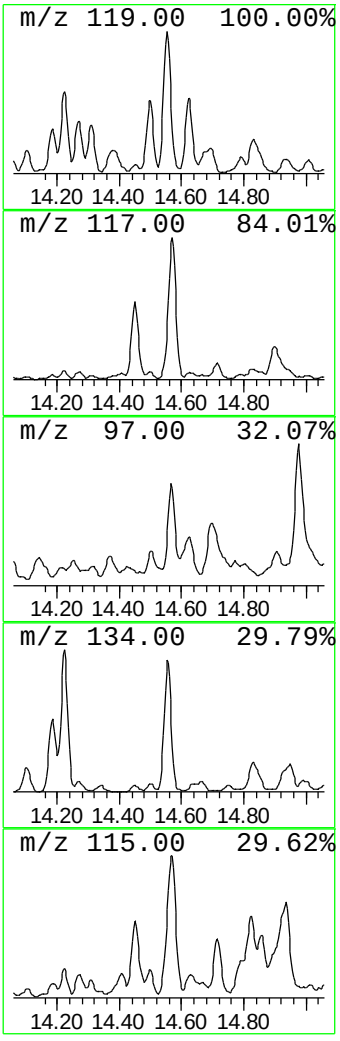
Peak Number 3 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	37.58 ug/l	1249130	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

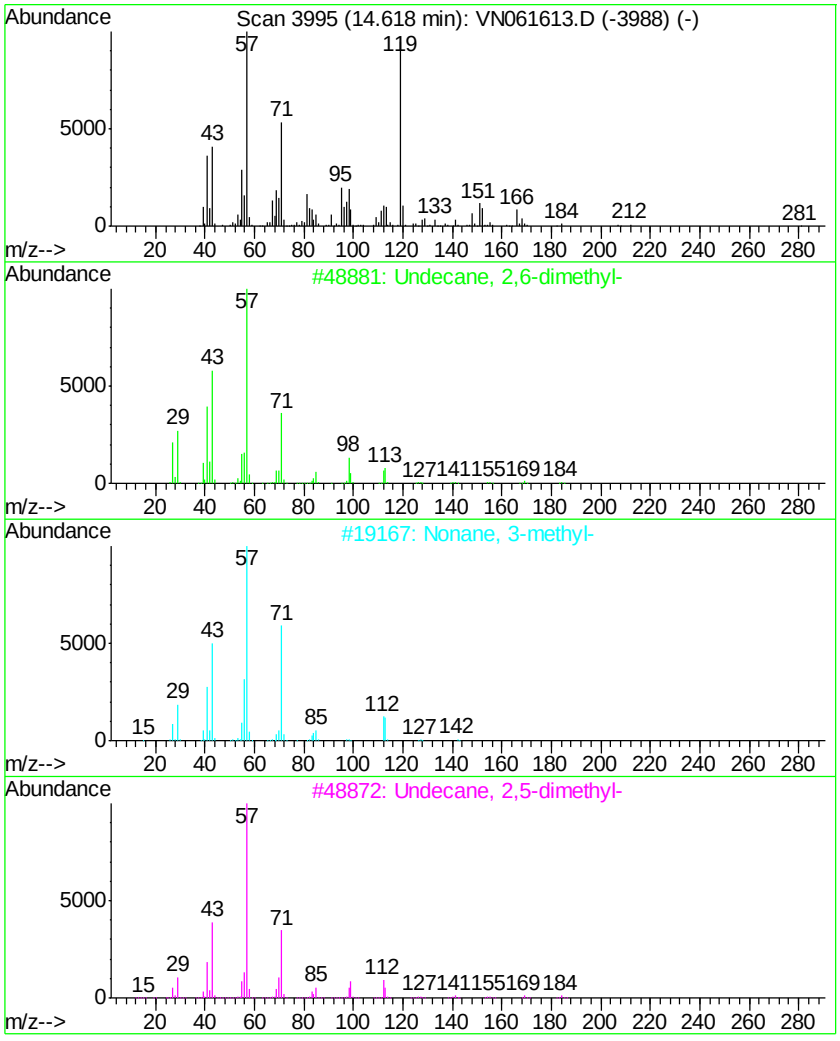
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

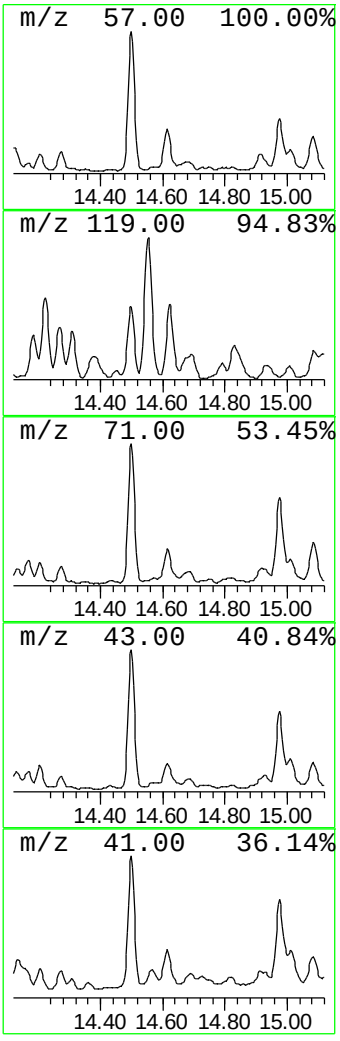
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	26.67 ug/l	886712	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	30
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	30





Library Search Compound Report

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Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

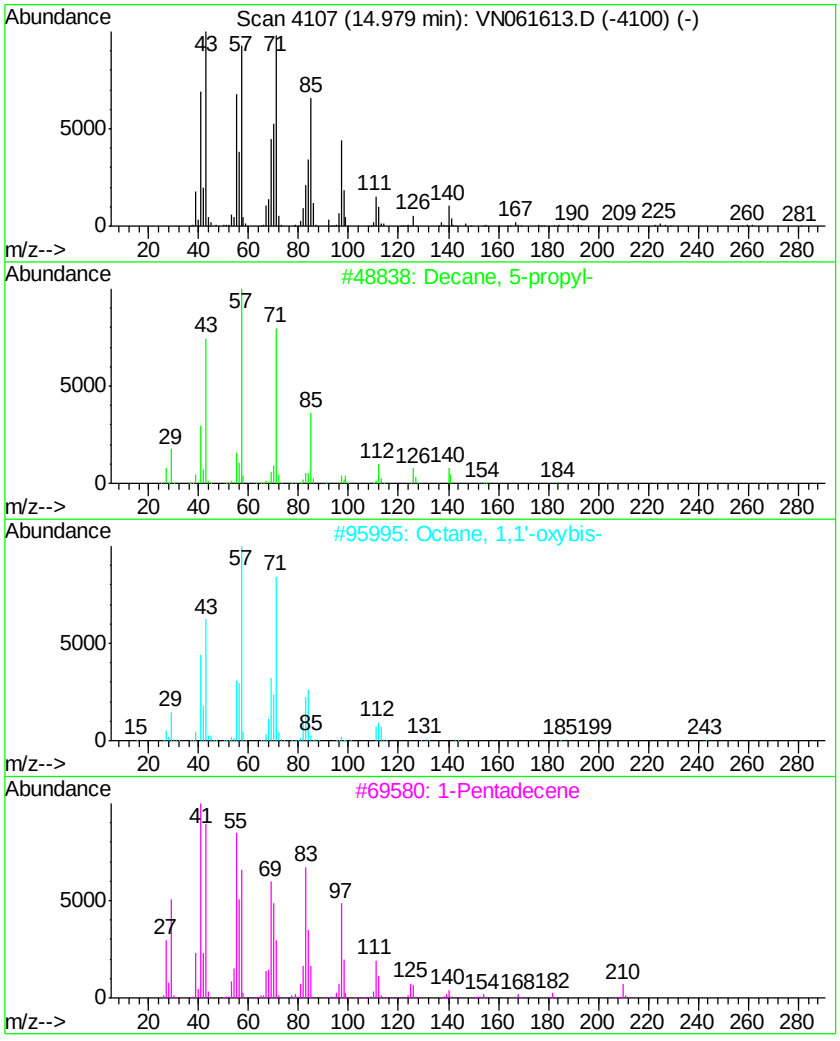
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

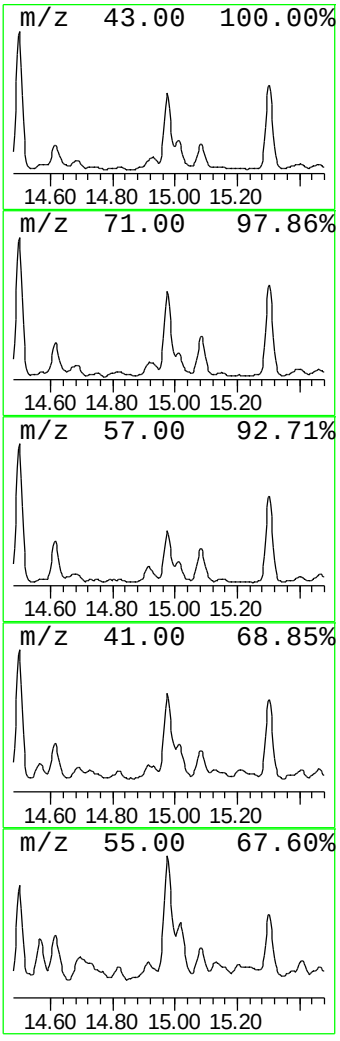
****

Peak Number 5 unknown14.98 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	29.64 ug/l	985218	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	45
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
3	1-Pentadecene	210	C15H30	013360-61-7	43
4	Cetene	224	C16H32	000629-73-2	43
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	38





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Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

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

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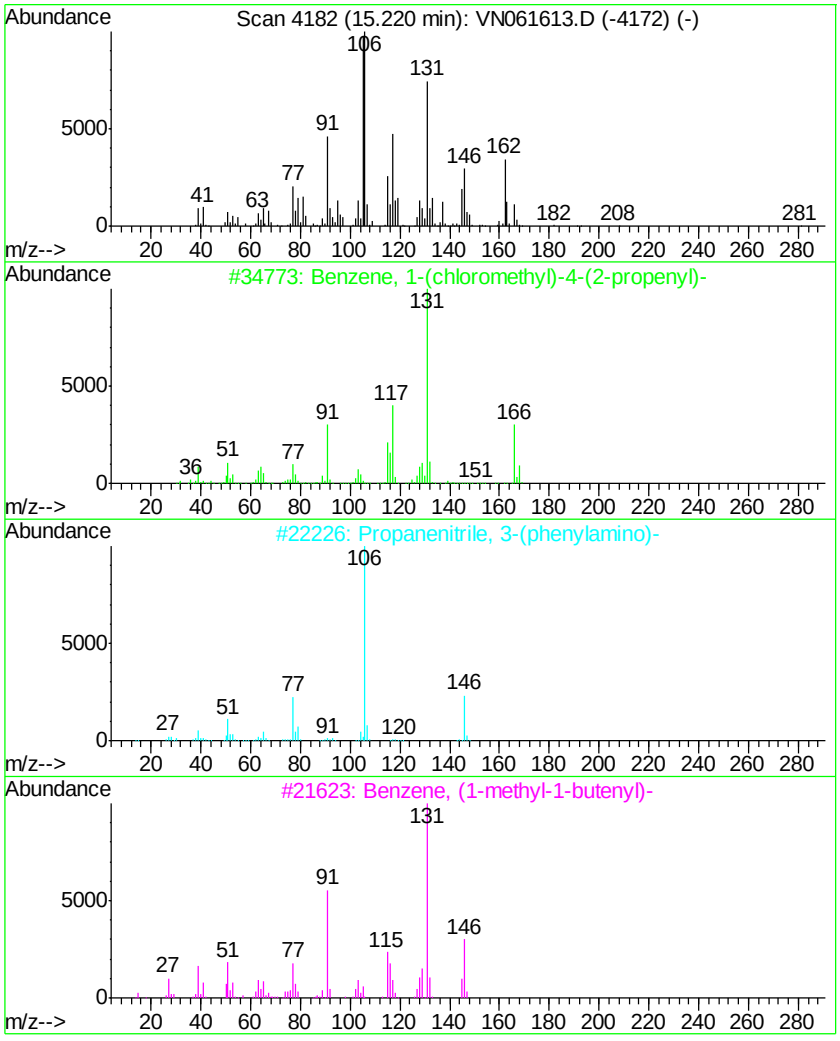
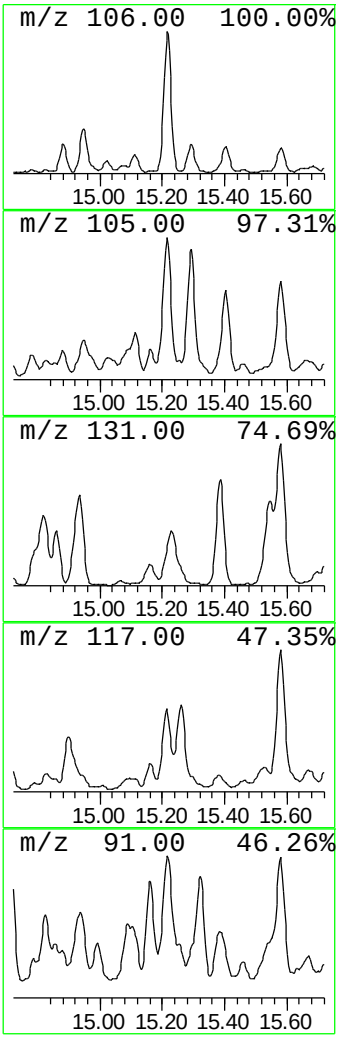
Peak Number 6 unknown15.22 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	27.65 ug/l	919019	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	35
2	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	25
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	25
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	25
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	20





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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

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

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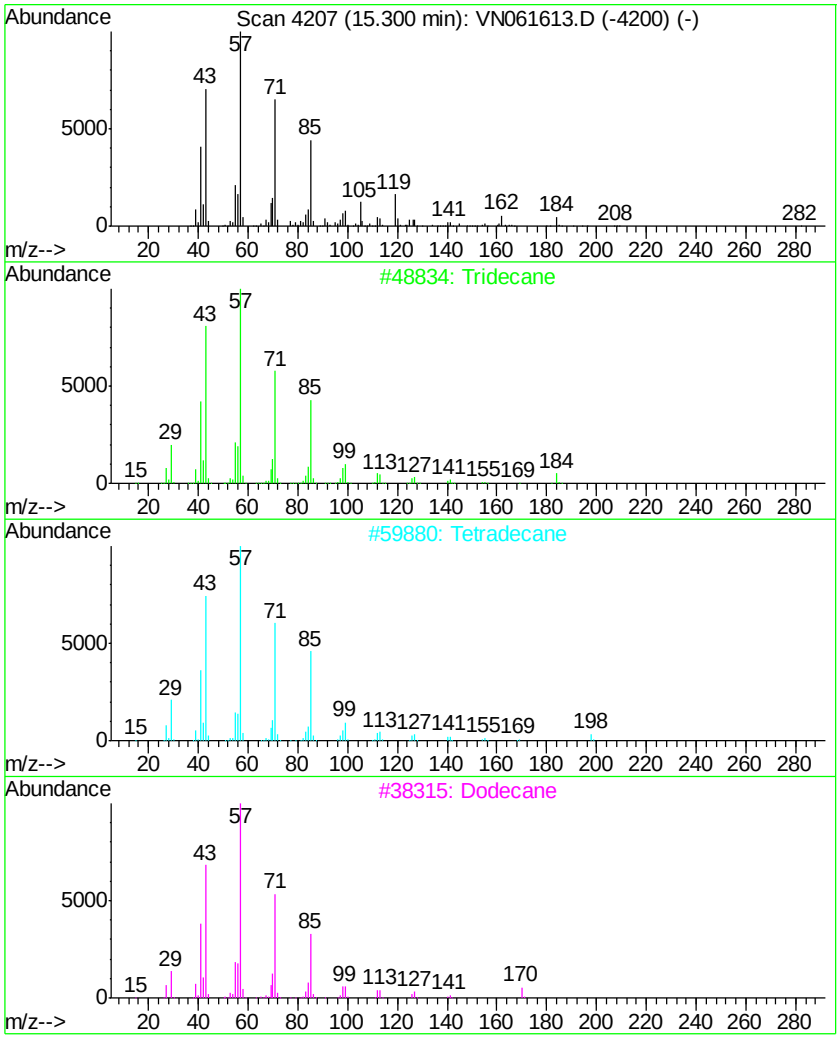
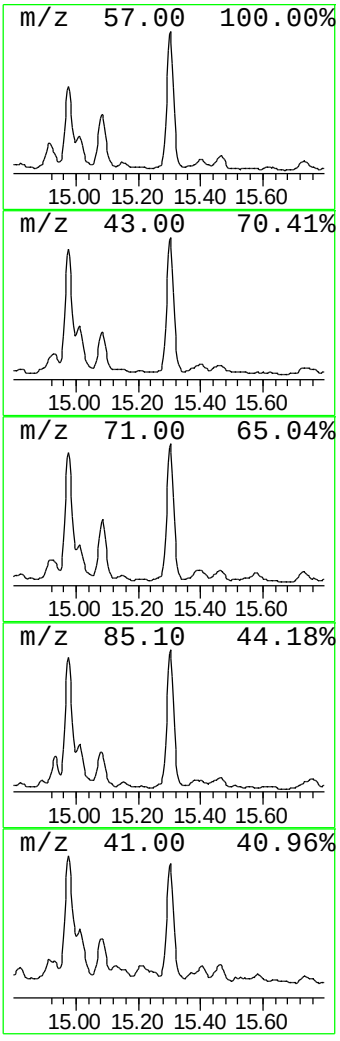
Peak Number 7 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	52.50 ug/l	1745120	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tetradecane	198	C14H30	000629-59-4	68
3	Dodecane	170	C12H26	000112-40-3	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
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Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

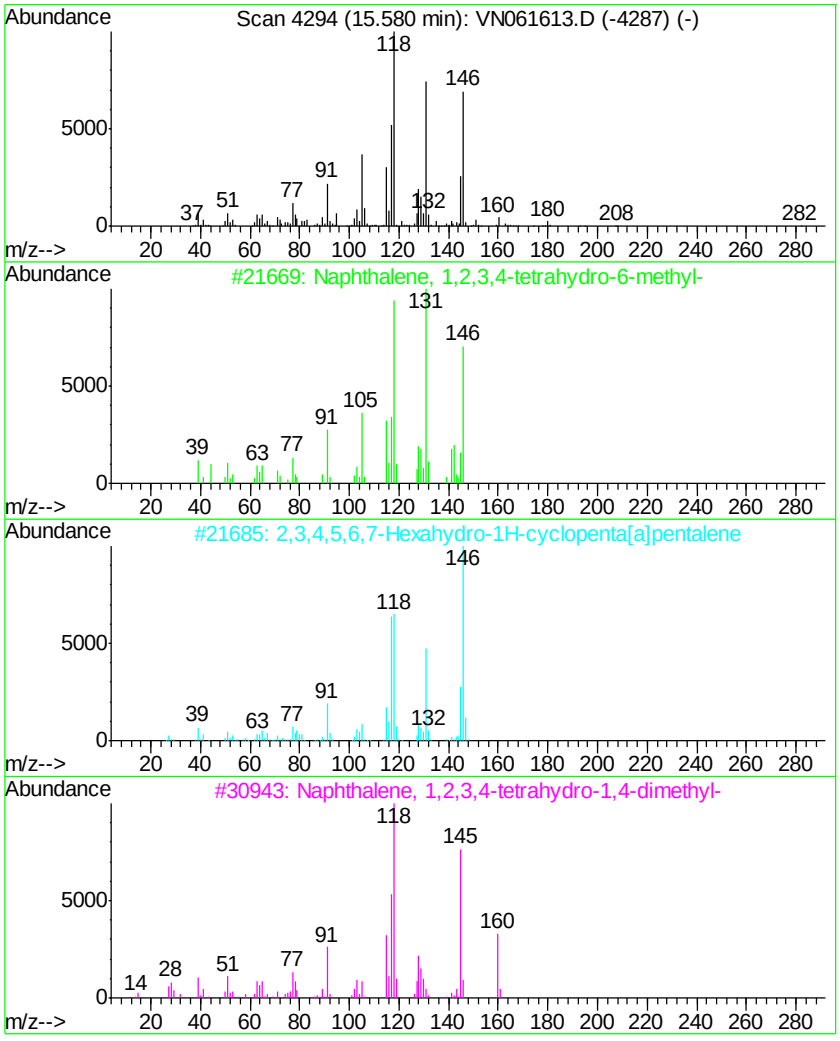
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

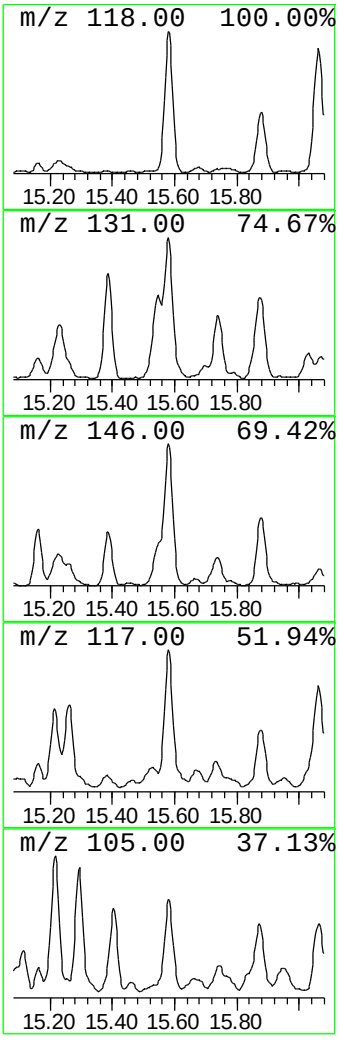
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	44.00 ug/l	1462640	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	62
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43





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Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

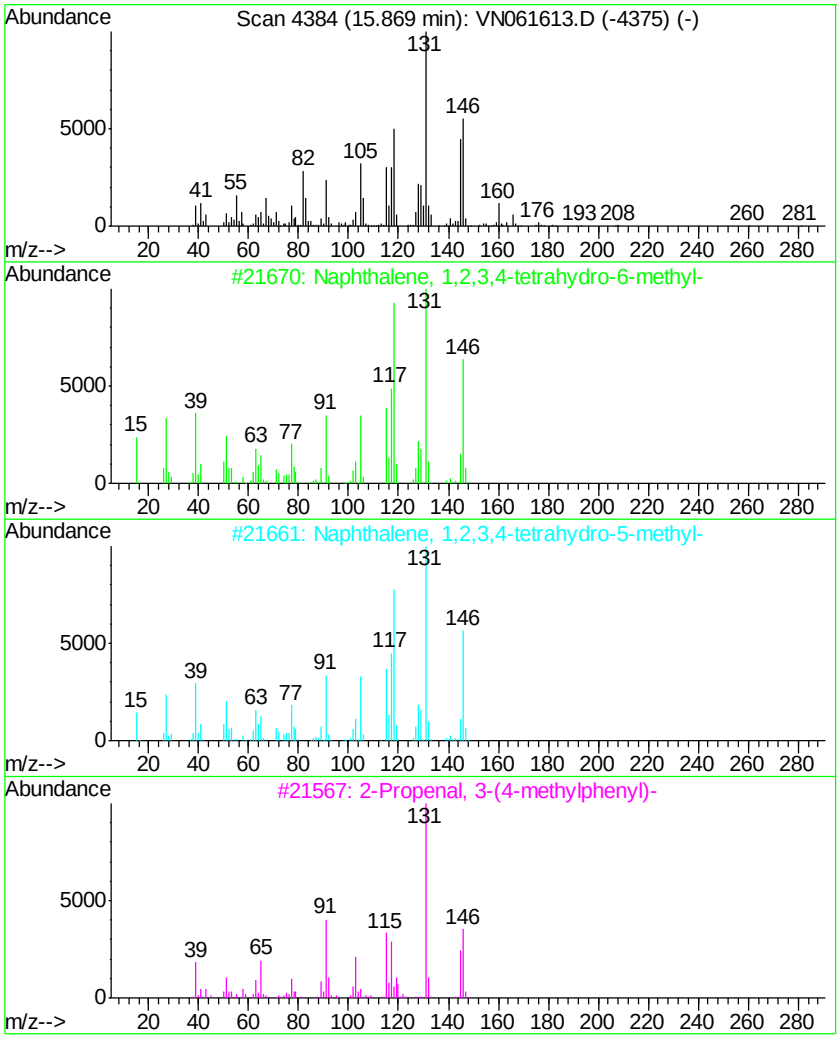
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

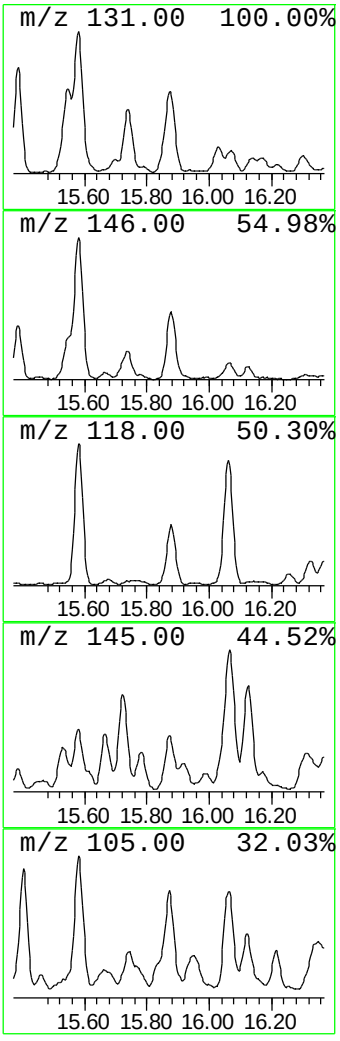
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	29.63 ug/l	985166	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

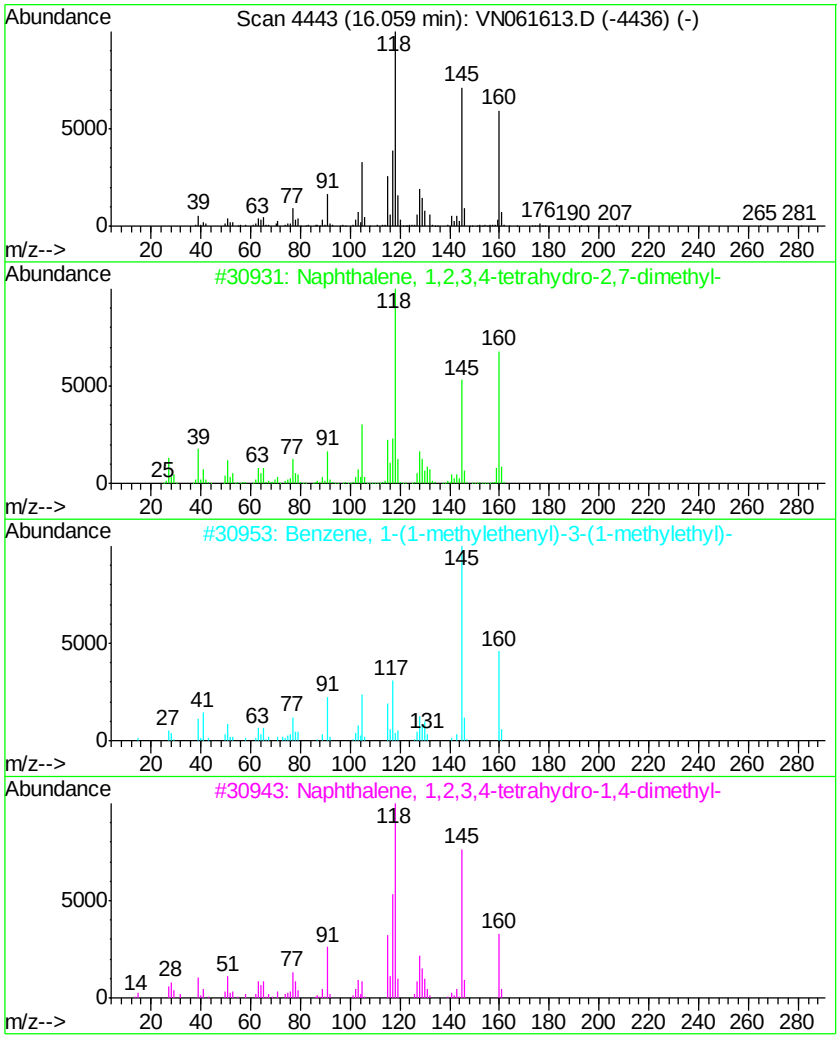
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

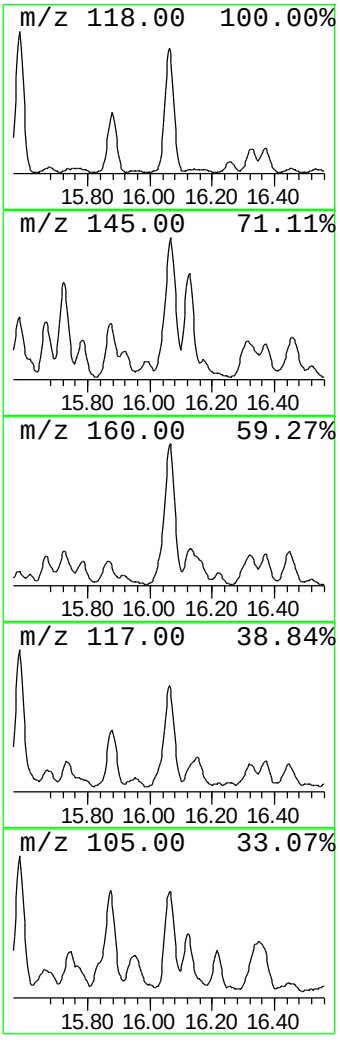
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	27.32 ug/l	908355	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
Data File : VN061613.D
Acq On : 2 Jun 2020 12:14
Operator : JC/MD
Sample : L2795-01
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 217

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.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
Undecane	13.65	42.4	ug/l	1407880	4	13.32	1662170	50.0
Dodecane	14.50	61.8	ug/l	2052880	4	13.32	1662170	50.0
1-Phenyl-1-butene	14.56	37.6	ug/l	1249130	4	13.32	1662170	50.0
Undecane, 2,6-dim...	14.62	26.7	ug/l	886712	4	13.32	1662170	50.0
unknown14.98	14.98	29.6	ug/l	985218	4	13.32	1662170	50.0
unknown15.22	15.22	27.6	ug/l	919019	4	13.32	1662170	50.0
Tridecane	15.30	52.5	ug/l	1745120	4	13.32	1662170	50.0
Naphthalene, 1,2,...	15.58	44.0	ug/l	1462640	4	13.32	1662170	50.0
Naphthalene, 1,2,...	15.87	29.6	ug/l	985166	4	13.32	1662170	50.0
Naphthalene, 1,2,...	16.06	27.3	ug/l	908355	4	13.32	1662170	50.0