LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065410.D
Acq On : 6 Jan 2021 19:21
Operator : JC/MD
Sample : M1022-14 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41037

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\82N122220W.M
Title : SW846 8260

Signal : TIC: VN065410.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.306	167	176	189	rBV2	18016	30153	2.13%	0.265%
2	3.791	618	638	667	rBV	492298	1291557	91.32%	11.355%
3	4.052	703	719	739	rVB	23020	65579	4.64%	0.577%
4	6.804	1556	1575	1589	rBV2	5793	17923	1.27%	0.158%
5	7.553	1789	1808	1819	rBV2	169757	424701	30.03%	3.734%
6	7.630	1820	1832	1859	rVB	284169	686907	48.57%	6.039%
7	7.994	1928	1945	1969	rBV2	170615	402029	28.43%	3.534%
8	8.553	2102	2119	2155	rBV	457727	961316	67.97%	8.451%
9	10.061	2569	2588	2628	rBV	760144	1414250	100.00%	12.433%
10	10.855	2825	2835	2845	rBV5	11046	22504	1.59%	0.198%
11	10.923	2848	2856	2865	rVV3	12247	21488	1.52%	0.189%
12	11.183	2917	2937	2953	rVB5	38722	79966	5.65%	0.703%
13	11.273	2956	2965	2976	rBV2	9249	15452	1.09%	0.136%
14	11.379	2984	2998	3020	rBV	751656	1317126	93.13%	11.579%
15	11.514	3031	3040	3048	rBV2	20800	32549	2.30%	0.286%
16	11.569	3048	3057	3061	rVV5	13529	23849	1.69%	0.210%
17	11.608	3061	3069	3083	rVV5	61296	139664	9.88%	1.228%
18	11.672	3083	3089	3101	rVB3	16772	27029	1.91%	0.238%
19	11.894	3144	3158	3174	rBV4	41535	108319	7.66%	0.952%
20	12.019	3189	3197	3204	rBV	31039	44853	3.17%	0.394%
21	12.093	3213	3220	3225	rBV4	19306	29682	2.10%	0.261%
22	12.135	3226	3233	3250	rVB7	43064	91270	6.45%	0.802%
23	12.215	3252	3258	3266	rBV3	11544	15428	1.09%	0.136%
24	12.270	3266	3275	3280	rBV7	14185	26633	1.88%	0.234%
25	12.309	3282	3287	3292	rBV	22472	27616	1.95%	0.243%
26	12.376	3298	3308	3319	rBV	576336	930467	65.79%	8.180%
27	12.617	3371	3383	3391	rBV6	23822	51083	3.61%	0.449%
28	12.701	3392	3409	3419	rVV2	319588	556071	39.32%	4.889%
29	12.752	3421	3425	3435	rVV2	40669	59367	4.20%	0.522%
30	12.842	3447	3453	3460	rVV4	25683	43511	3.08%	0.383%
31	12.903	3461	3472	3474	rVV3	24777	49829	3.52%	0.438%
32	12.936	3475	3482	3495	rVB2	110721	183396	12.97%	1.612%
33	13.119	3534	3539	3552	rVB6	23881	50947	3.60%	0.448%
34	13.212	3553	3568	3575	rBV7	60057	146937	10.39%	1.292%
35	13.257	3576	3582	3588	rVV3	38952	60693	4.29%	0.534%
36	13.318	3588	3601	3618	rVV	639621	1171753	82.85%	10.301%

LSC Area Percent Report

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Operator : JC/MD
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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41037

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\82N122220W.M
Title : SW846 8260

37	13.395	3619	3625	3633	rVB4	30574	41730	2.95%	0.367%
38	13.646	3690	3703	3712	rBV	249429	411836	29.12%	3.621%
39	13.807	3746	3753	3765	rBV7	19917	41325	2.92%	0.363%
40	13.907	3778	3784	3793	rVB3	17316	27134	1.92%	0.239%
41	14.032	3816	3823	3832	rVB9	10294	17947	1.27%	0.158%
42	14.138	3845	3856	3871	rBV9	32771	92689	6.55%	0.815%
43	14.202	3871	3876	3885	rVB4	14812	20887	1.48%	0.184%
44	14.305	3902	3908	3916	rVB5	13540	21373	1.51%	0.188%
45	14.498	3959	3968	3982	rVV2	35215	53210	3.76%	0.468%
46	14.614	3997	4004	4018	rVB3	14477	24784	1.75%	0.218%

Sum of corrected areas: 11374812

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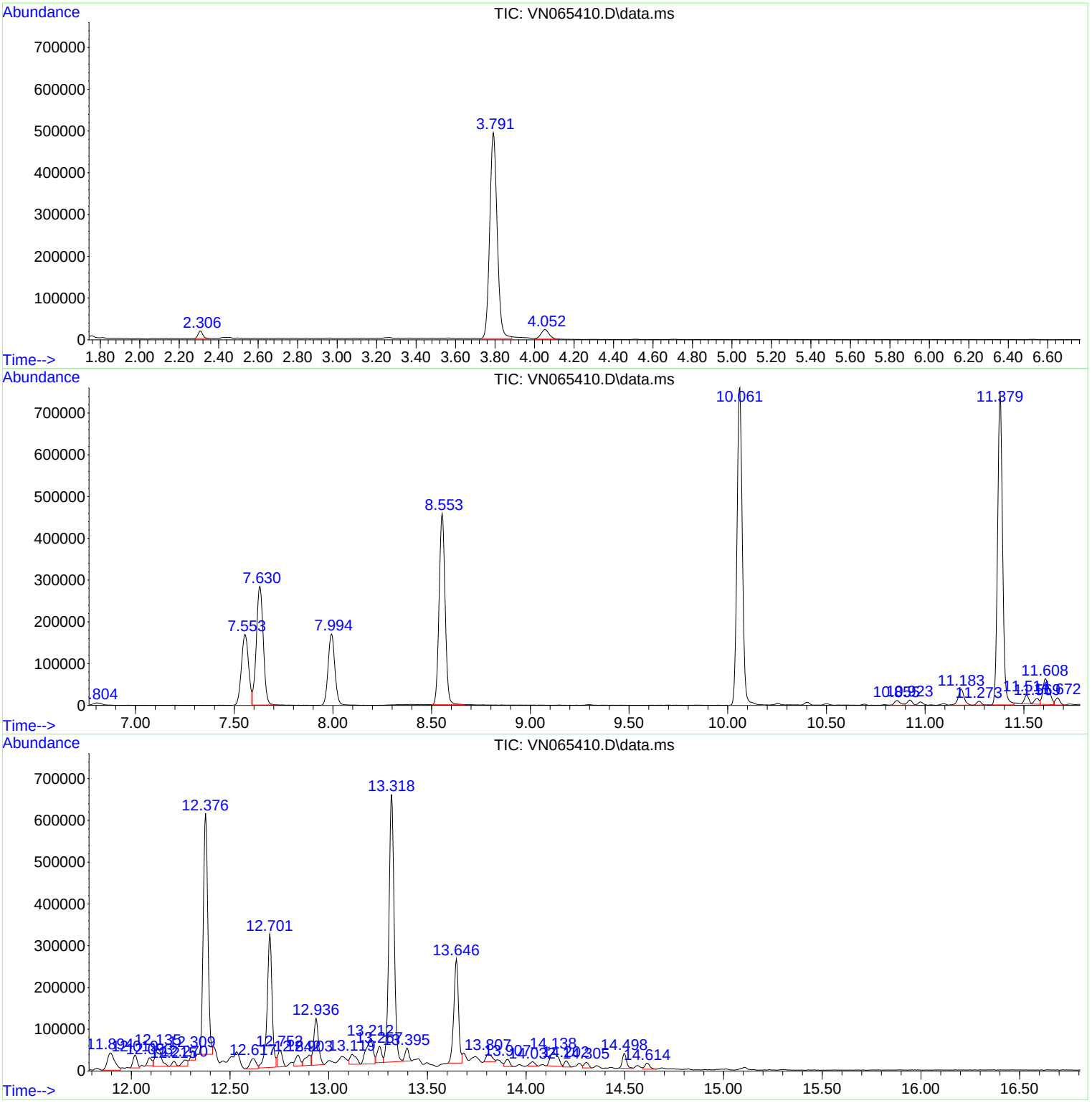
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41037

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065410.D
Acq On : 6 Jan 2021 19:21
Operator : JC/MD
Sample : M1022-14 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41037

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260

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

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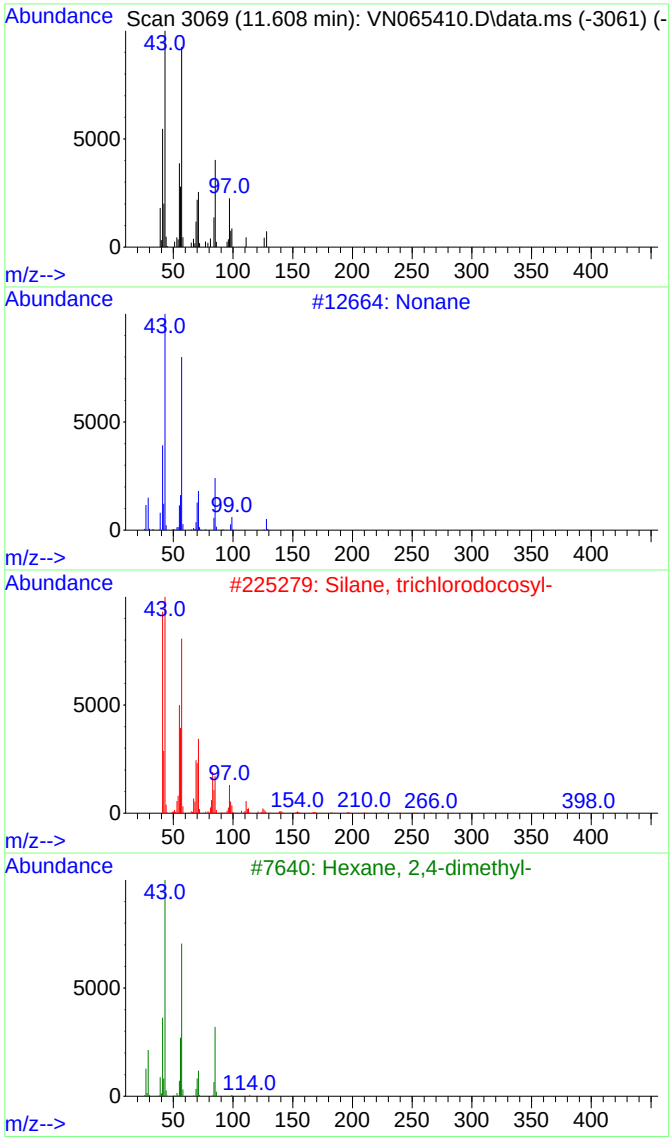
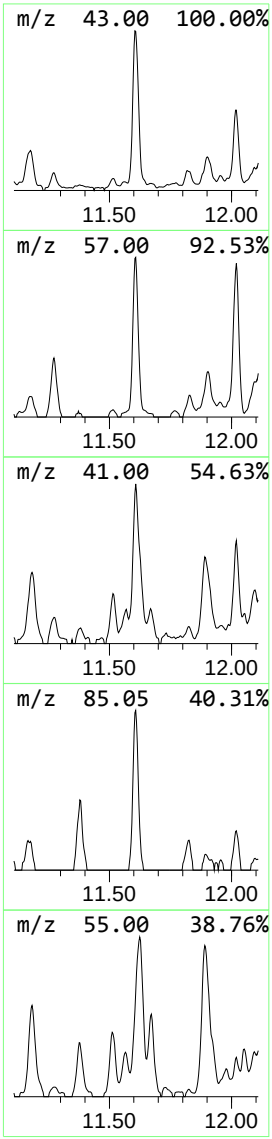
Peak Number 1 Nonane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.608	5.30 ug/l	139664	Chlorobenzene-d5	11.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	87
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	47
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065410.D
Acq On : 6 Jan 2021 19:21
Operator : JC/MD
Sample : M1022-14 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41037

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260

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

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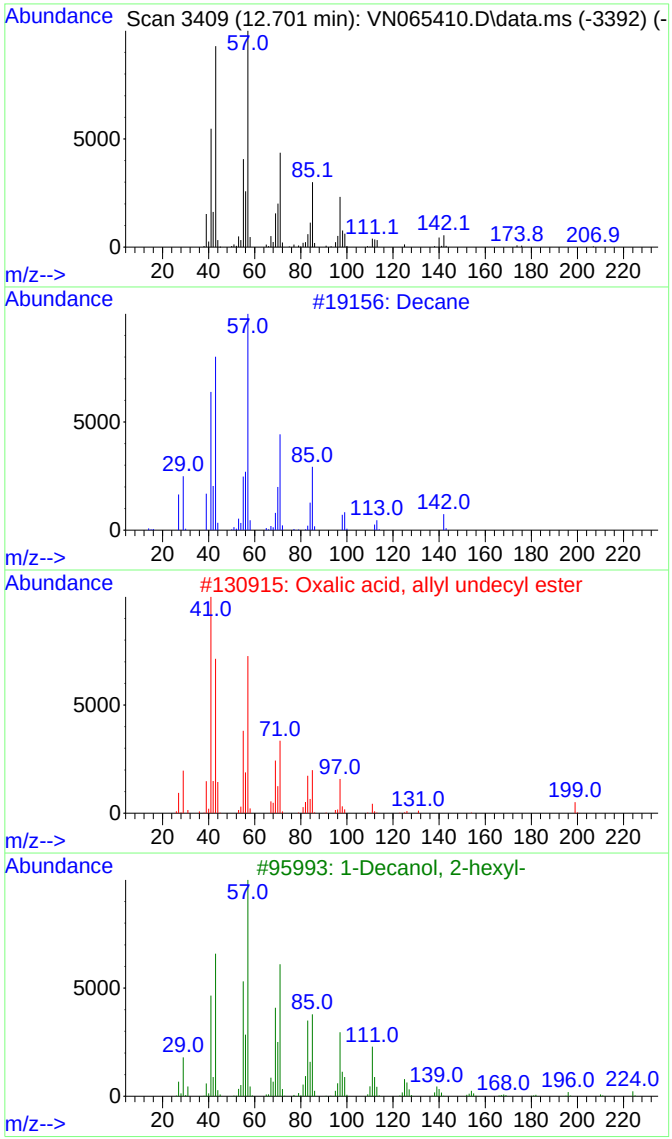
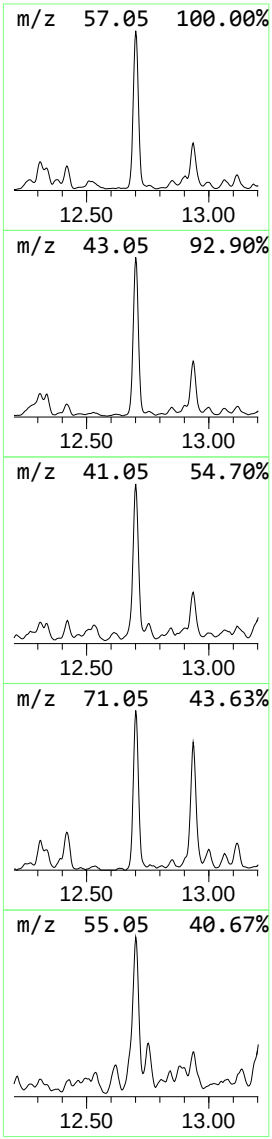
Peak Number 2 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	23.73 ug/l	556071	1,4-Dichlorobenzene-d4	13.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Oxalic acid, allyl undecyl ester	284	C16H28O4	1000309-23-9	86
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	86
4	Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	86
5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065410.D
Acq On : 6 Jan 2021 19:21
Operator : JC/MD
Sample : M1022-14 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41037

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260

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

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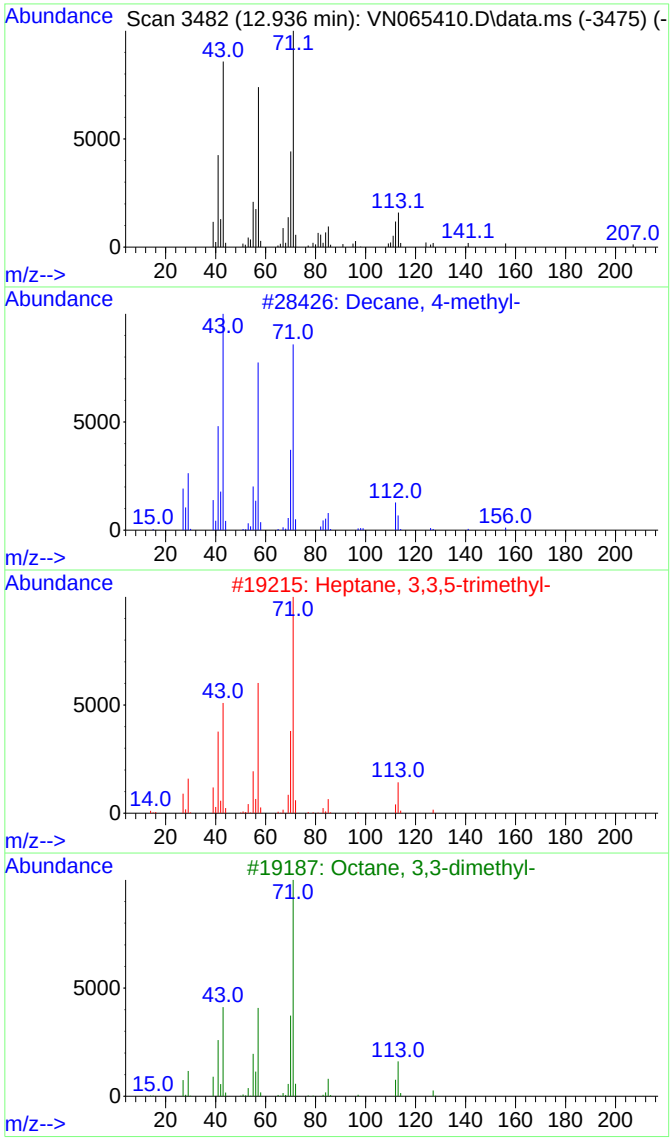
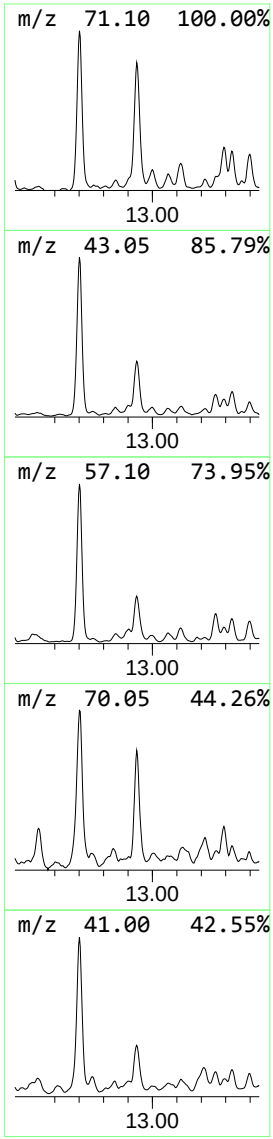
Peak Number 3 Decane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.936	7.83 ug/l	183396	1,4-Dichlorobenzene-d4	13.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065410.D
Acq On : 6 Jan 2021 19:21
Operator : JC/MD
Sample : M1022-14 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41037

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260

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

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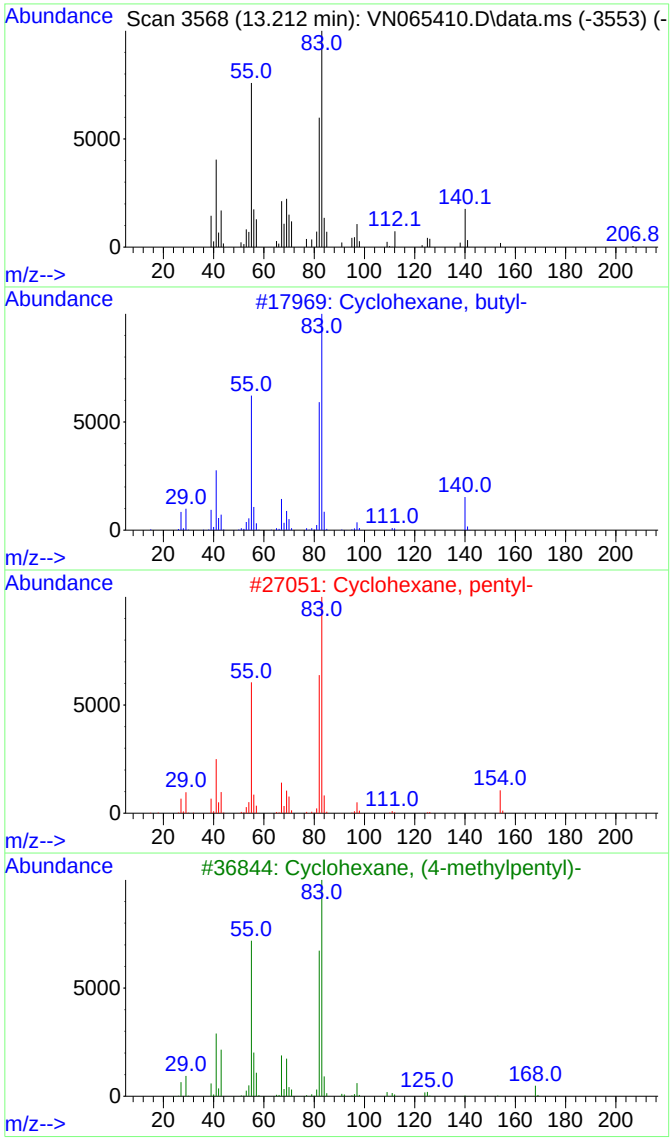
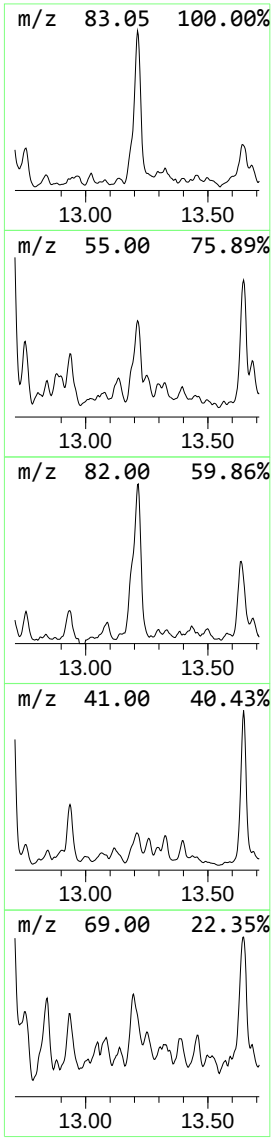
Peak Number 4 Cyclohexane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.212	6.27 ug/l	146937	1,4-Dichlorobenzene-d4	13.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	78
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065410.D
Acq On : 6 Jan 2021 19:21
Operator : JC/MD
Sample : M1022-14 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41037

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260

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

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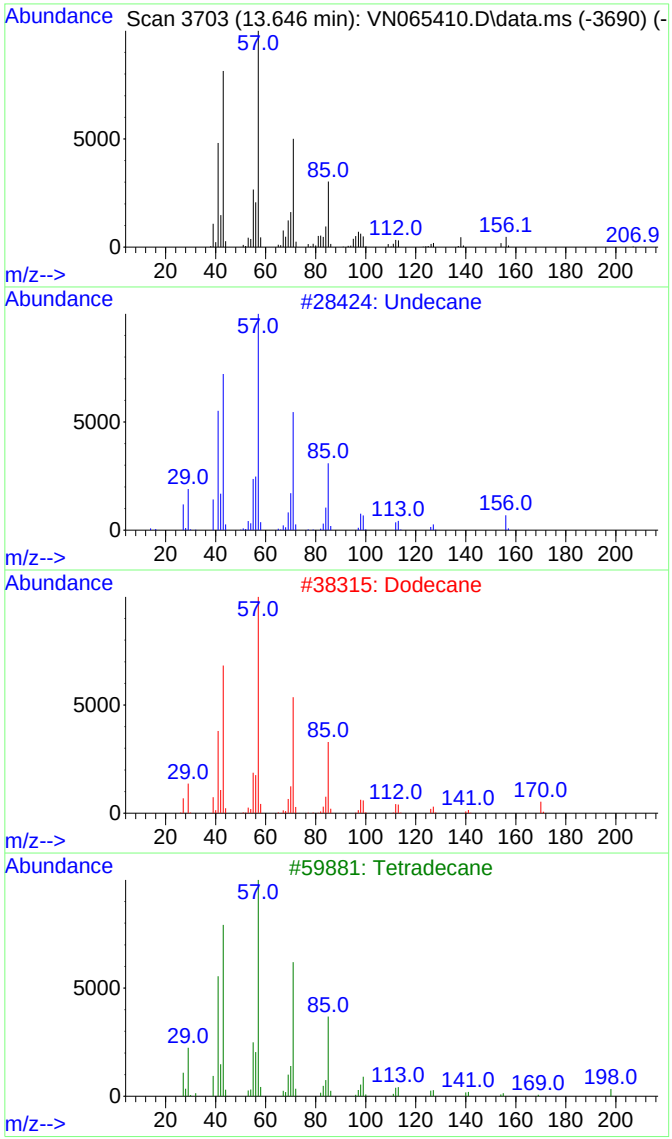
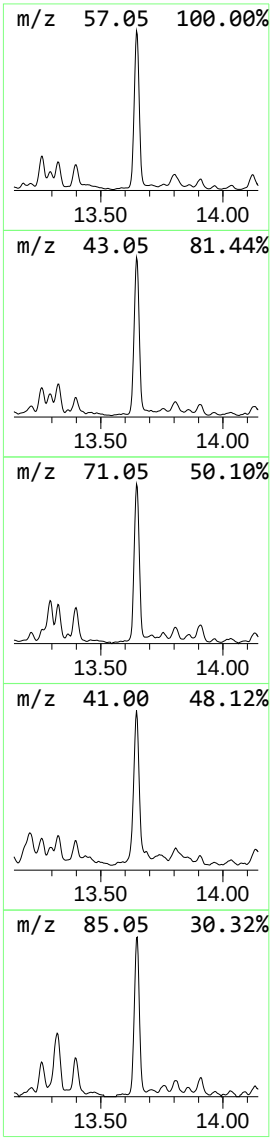
Peak Number 5 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.646	17.57 ug/l	411836	1,4-Dichlorobenzene-d4	13.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Dodecane	170	C12H26	000112-40-3	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tridecane	184	C13H28	000629-50-5	72
5	Decane	142	C10H22	000124-18-5	72





Tentatively Identified Compound (LSC) summary

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Data File : VN065410.D
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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
Nonane	11.608	5.3	ug/l	139664	3	11.379	1317130	50.0
Decane	12.701	23.7	ug/l	556071	4	13.318	1171750	50.0
Decane, 4-methyl-	12.936	7.8	ug/l	183396	4	13.318	1171750	50.0
Cyclohexane, bu...	13.212	6.3	ug/l	146937	4	13.318	1171750	50.0
Undecane	13.646	17.6	ug/l	411836	4	13.318	1171750	50.0