LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN043020\
Data File : VN061211.D
Acq On : 30 Apr 2020 19:01
Operator : JC/MD
Sample : L2453-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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\82N042720W.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	1.638	3	15	62	rBV	3937312	15412645	100.00%	43.844%
2	2.773	351	368	393	rBV	748264	1529826	9.93%	4.352%
3	3.101	456	470	491	rVB	233341	510737	3.31%	1.453%
4	5.001	1037	1061	1088	rBV2	50333	181626	1.18%	0.517%
5	6.580	1532	1552	1570	rBV	111426	346974	2.25%	0.987%
6	7.345	1775	1790	1811	rVB3	57077	156625	1.02%	0.446%
7	7.548	1834	1853	1863	rBV2	81233	208549	1.35%	0.593%
8	7.625	1864	1877	1892	rVV3	195919	510801	3.31%	1.453%
9	7.988	1973	1990	2008	rBV	104098	246478	1.60%	0.701%
10	8.551	2149	2165	2189	rBV	287120	638248	4.14%	1.816%
11	10.059	2620	2634	2647	rBV	408759	752731	4.88%	2.141%
12	11.381	3032	3045	3064	rBV	389116	666605	4.33%	1.896%
13	11.487	3064	3078	3093	rVV	782459	1277640	8.29%	3.634%
14	11.593	3096	3111	3137	rVV	2703401	5057758	32.82%	14.388%
15	11.921	3199	3213	3231	rBV	1125403	1862721	12.09%	5.299%
16	12.377	3340	3355	3373	rBV	307853	510576	3.31%	1.452%
17	12.567	3401	3414	3423	rBV	144050	226349	1.47%	0.644%
18	12.631	3423	3434	3440	rBV	595915	984267	6.39%	2.800%
19	12.708	3451	3458	3478	rVB	281899	432706	2.81%	1.231%
20	12.866	3494	3507	3524	rBV	294533	470726	3.05%	1.339%
21	13.014	3538	3553	3566	rBV	1184570	1859882	12.07%	5.291%
22	13.319	3635	3648	3653	rBV	391486	670822	4.35%	1.908%
23	13.519	3689	3710	3718	rBV	223003	404938	2.63%	1.152%
24	15.104	4190	4203	4219	rBV	134751	233319	1.51%	0.664%

Sum of corrected areas: 35153549

LSC Report - Integrated Chromatogram

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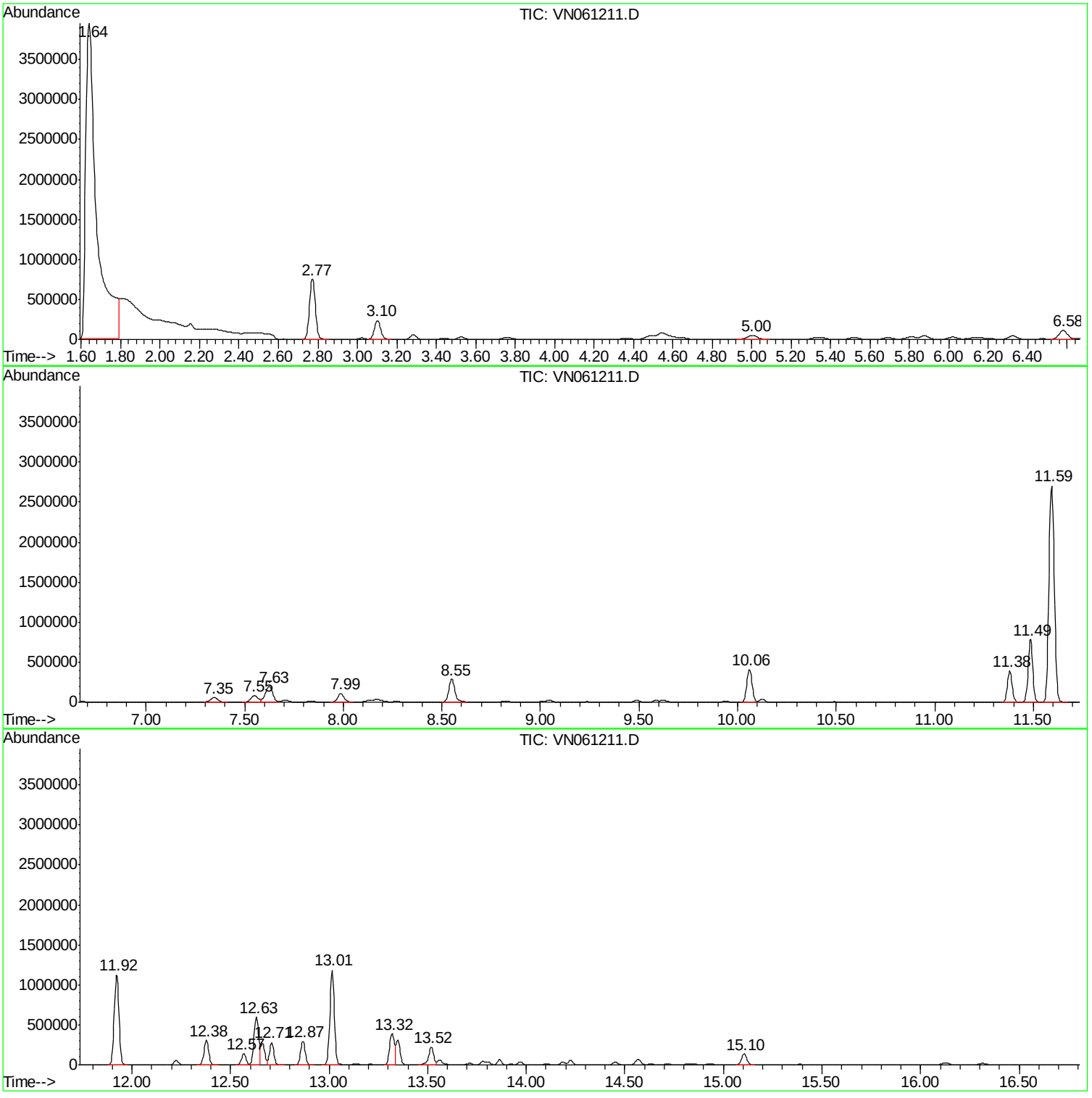
Operator : JC/MD
Sample : L2453-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.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\VN043020\
Data File : VN061211.D
Acq On : 30 Apr 2020 19:01
Operator : JC/MD
Sample : L2453-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

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

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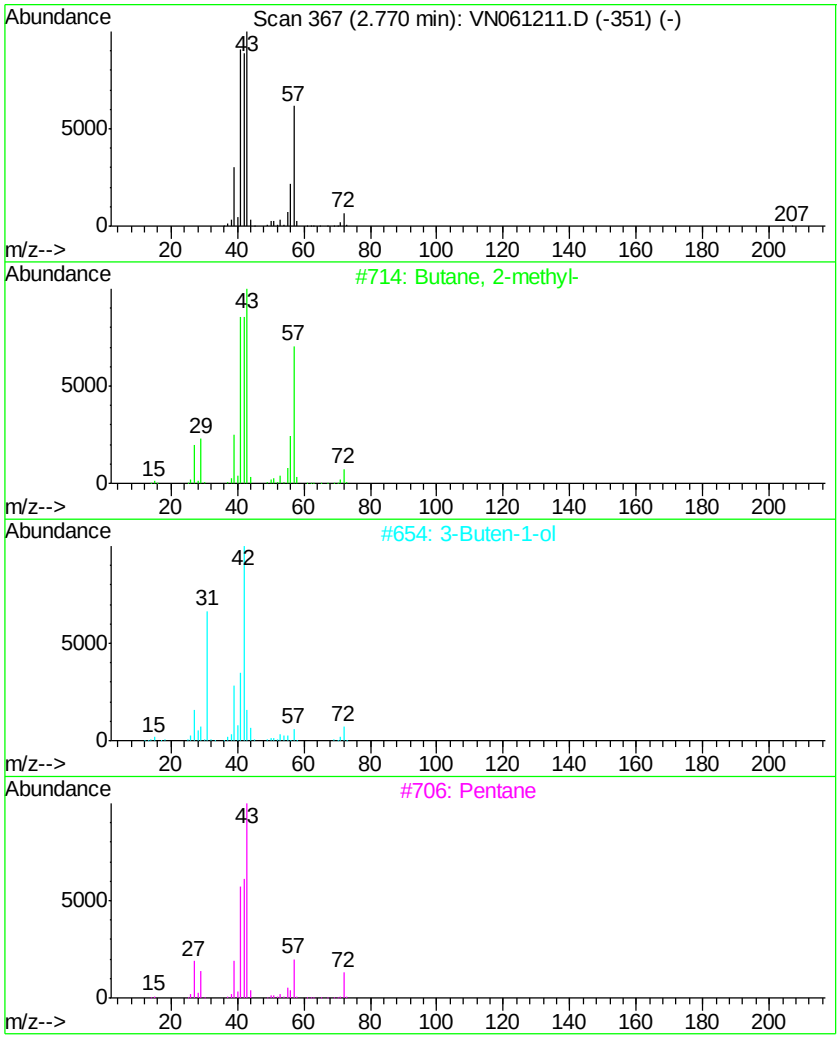
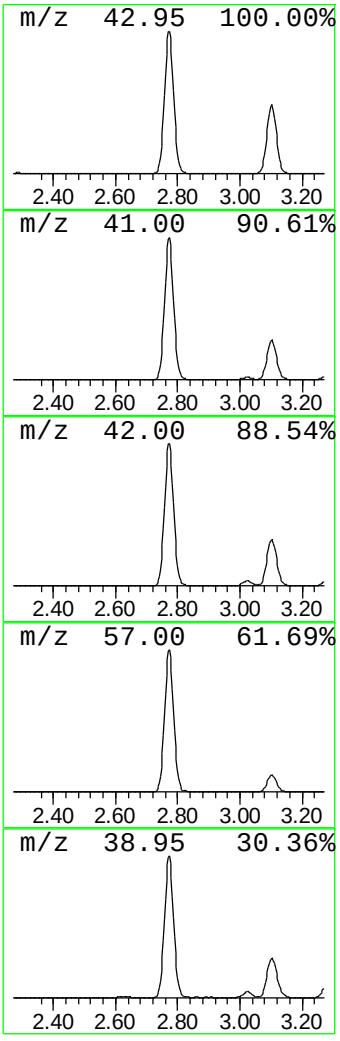
Peak Number 2 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	149.75 ug/l	1529830	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN043020\
Data File : VN061211.D
Acq On : 30 Apr 2020 19:01
Operator : JC/MD
Sample : L2453-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

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

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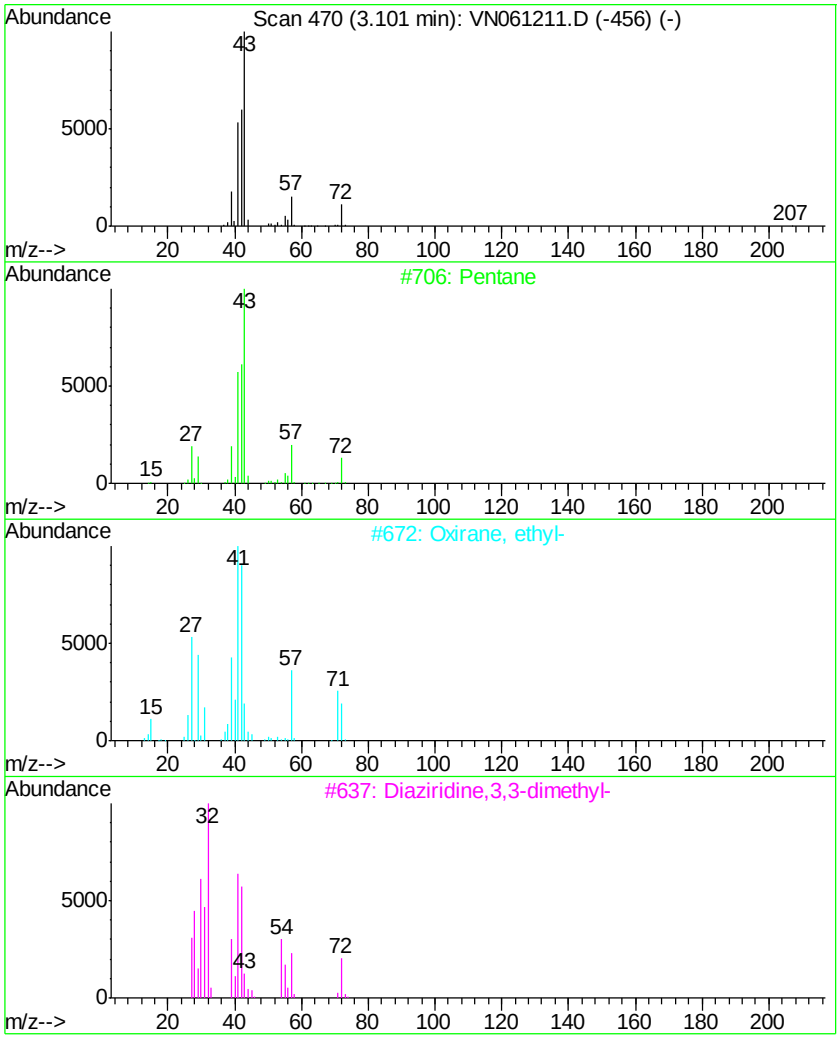
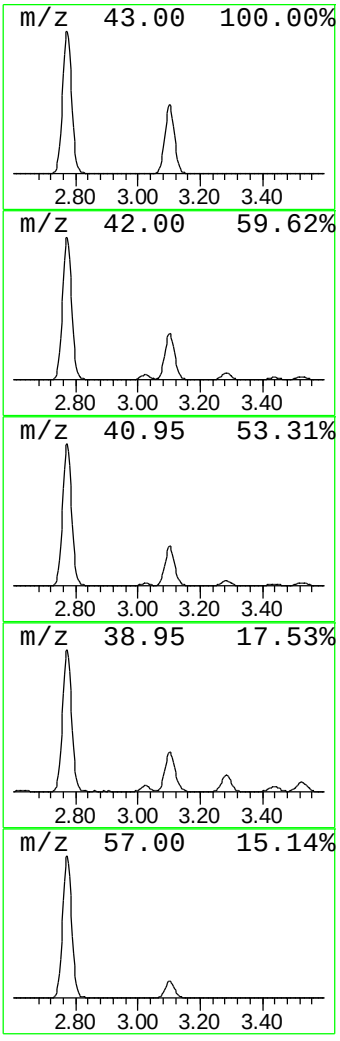
Peak Number 3 Pentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	49.99 ug/l	510737	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9
5	Isobutyl nitrite	103	C4H9NO2	000542-56-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN043020\
Data File : VN061211.D
Acq On : 30 Apr 2020 19:01
Operator : JC/MD
Sample : L2453-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

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

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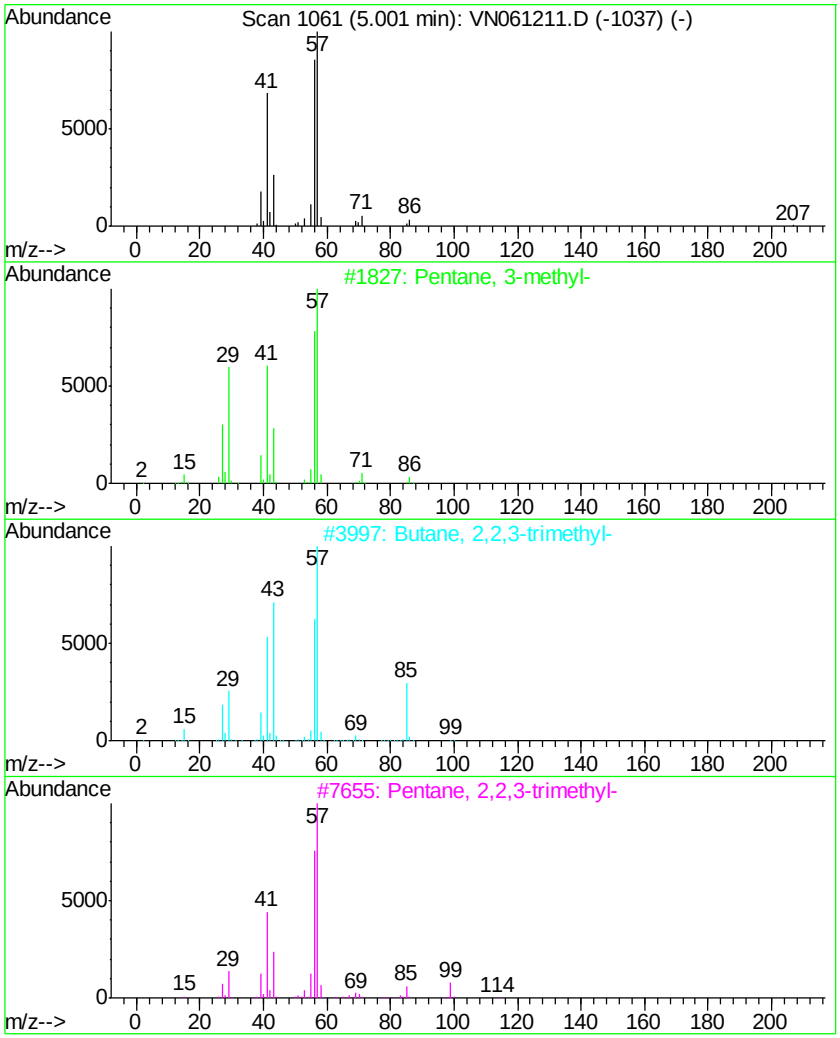
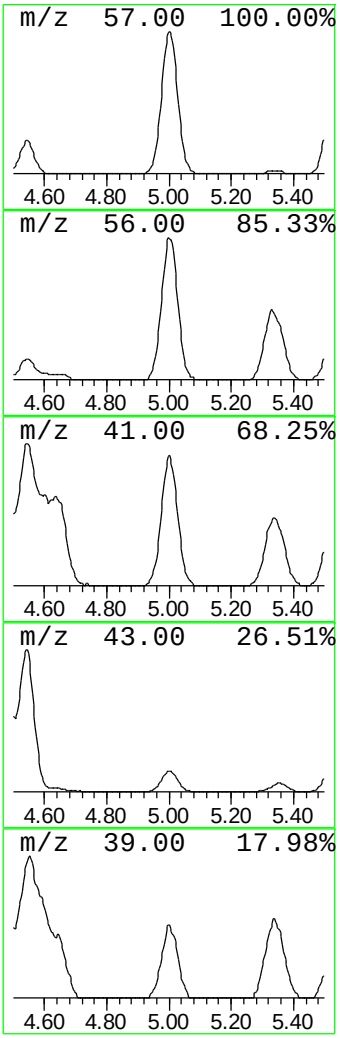
Peak Number 4 Pentane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	17.78 ug/l	181626	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	78
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN043020\
Data File : VN061211.D
Acq On : 30 Apr 2020 19:01
Operator : JC/MD
Sample : L2453-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

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

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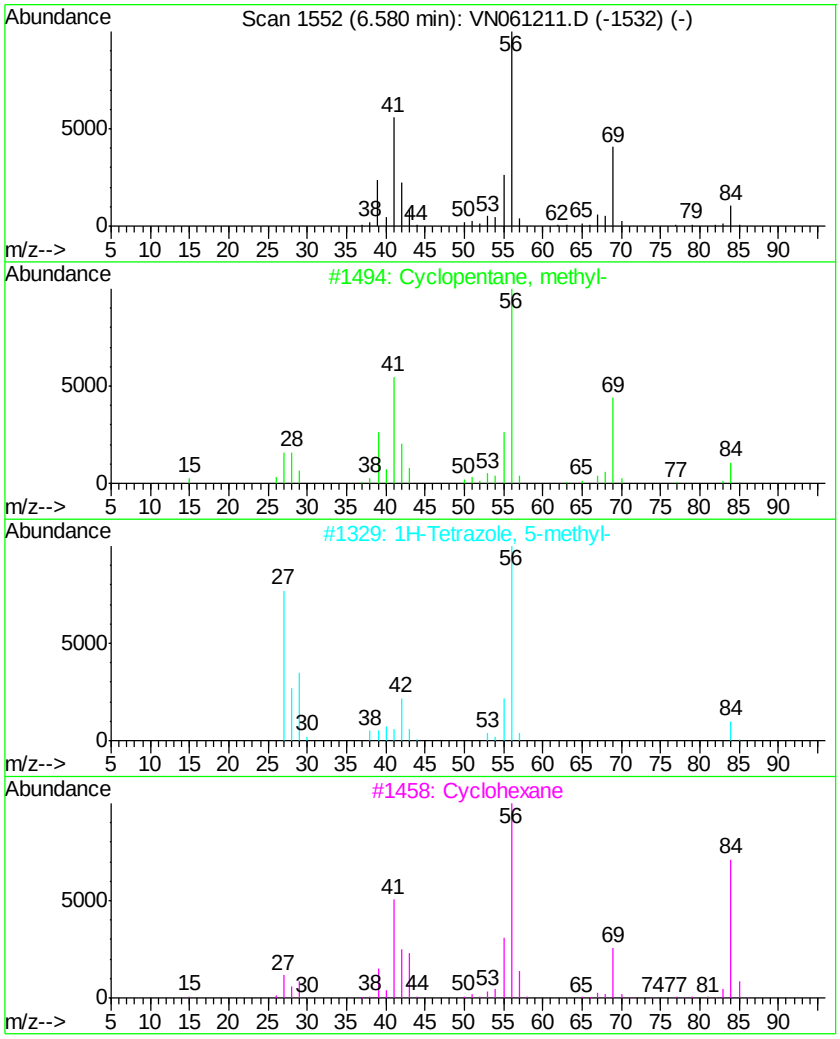
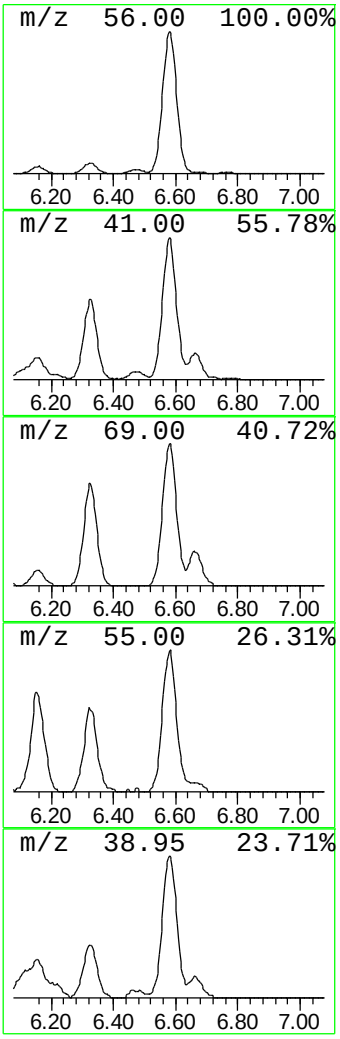
Peak Number 5 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	33.96 ug/l	346974	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN043020\
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Acq On : 30 Apr 2020 19:01
Operator : JC/MD
Sample : L2453-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

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

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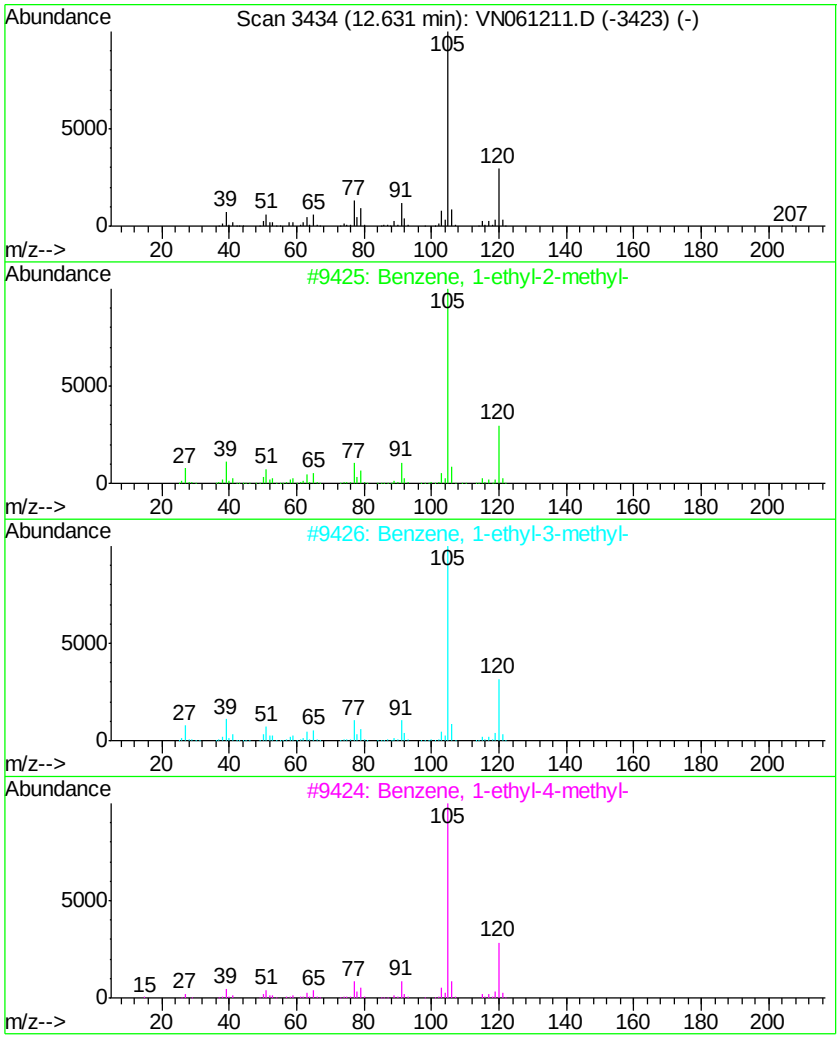
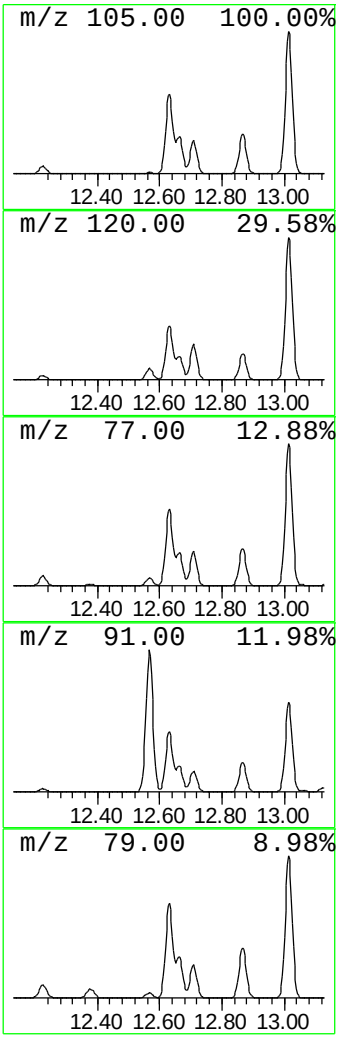
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	73.36 ug/l	984267	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

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

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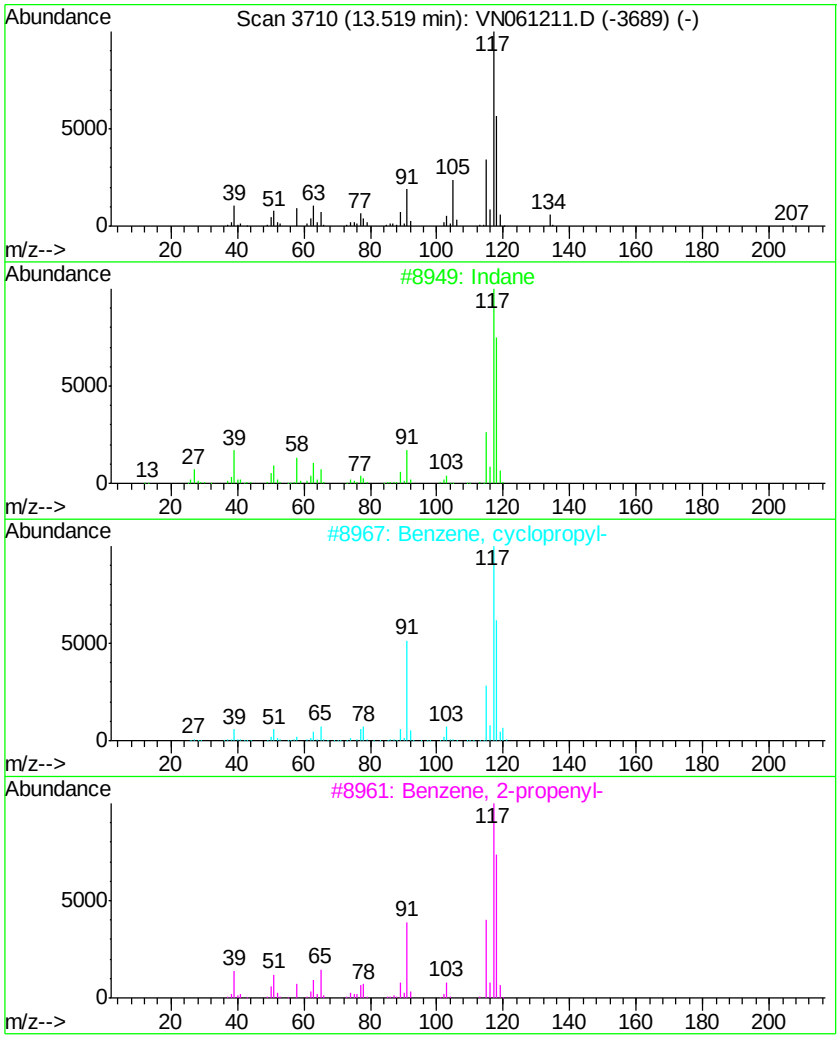
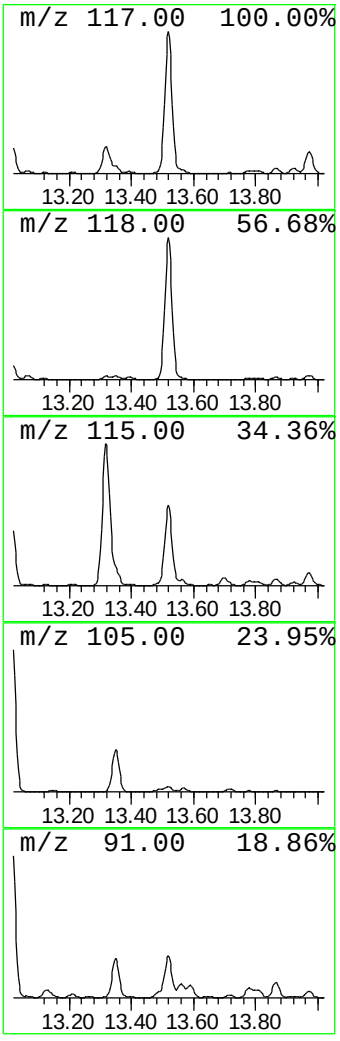
Peak Number 8 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	30.18 ug/l	404938	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
5	Deltacyclene	118	C9H10	007785-10-6	62





Tentatively Identified Compound (LSC) summary

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.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
Butane, 2-methyl-	2.77	149.8	ug/l	1529830	1	7.63	510801	50.0
Pentane	3.10	50.0	ug/l	510737	1	7.63	510801	50.0
Pentane, 3-methyl-	5.00	17.8	ug/l	181626	1	7.63	510801	50.0
Cyclopentane, met...	6.58	34.0	ug/l	346974	1	7.63	510801	50.0
Benzene, 1-ethyl-...	12.63	73.4	ug/l	984267	4	13.32	670822	50.0
Indane	13.52	30.2	ug/l	404938	4	13.32	670822	50.0