LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

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\82N070820W.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	7.596	1779	1811	1832	rBV3	519674	2208036	4.07%	1.041%
2	7.706	1833	1845	1866	rVB	241941	625992	1.15%	0.295%
3	7.837	1866	1886	1899	rBV	794037	1952747	3.60%	0.921%
4	8.117	1954	1973	1986	rBV3	268184	686955	1.27%	0.324%
5	8.268	2008	2020	2041	rVV	248469	584620	1.08%	0.276%
6	8.400	2041	2061	2082	rVB	620576	1273439	2.35%	0.600%
7	8.551	2092	2108	2126	rBV	449534	933763	1.72%	0.440%
8	10.059	2561	2577	2593	rBV	718119	1348349	2.49%	0.636%
9	11.381	2974	2988	3000	rBV	693707	1221231	2.25%	0.576%
10	11.484	3010	3020	3039	rVB	372489	638921	1.18%	0.301%
11	12.223	3237	3250	3276	rBV	1846586	3050807	5.62%	1.439%
12	12.377	3284	3298	3308	rBV	595269	1135055	2.09%	0.535%
13	12.567	3345	3357	3368	rBV	1780092	2869723	5.29%	1.353%
14	12.664	3377	3387	3394	rBV	1222981	1869325	3.45%	0.881%
15	12.709	3394	3401	3410	rVB	625897	948819	1.75%	0.447%
16	12.866	3436	3450	3468	rBV	3688381	5931392	10.94%	2.797%
17	13.014	3479	3496	3507	rBV	11986240	20156468	37.16%	9.505%
18	13.066	3507	3512	3522	rVB	402105	579365	1.07%	0.273%
19	13.210	3548	3557	3565	rBV	368342	568821	1.05%	0.268%
20	13.265	3565	3574	3582	rBV3	550192	882347	1.63%	0.416%
21	13.348	3582	3600	3610	rVV	4368931	7899800	14.56%	3.725%
22	13.394	3610	3614	3630	rVB2	381844	686625	1.27%	0.324%
23	13.519	3630	3653	3662	rBV	8782347	17099140	31.53%	8.063%
24	13.561	3662	3666	3680	rVB3	1138669	1730005	3.19%	0.816%
25	13.712	3700	3713	3723	rVB2	334846	728123	1.34%	0.343%
26	13.779	3723	3734	3737	rBV	734915	1109703	2.05%	0.523%
27	13.805	3738	3742	3750	rVV3	906714	1250971	2.31%	0.590%
28	13.863	3750	3760	3770	rVB	2003351	3147061	5.80%	1.484%
29	13.969	3783	3793	3814	rVB	4227819	7595288	14.00%	3.581%
30	14.101	3825	3834	3844	rVB	445360	691912	1.28%	0.326%
31	14.184	3844	3860	3865	rBV	743054	1228193	2.26%	0.579%
32	14.223	3865	3872	3880	rVV	1545327	2228305	4.11%	1.051%
33	14.271	3880	3887	3895	rVB2	378785	558556	1.03%	0.263%
34	14.329	3895	3905	3911	rBV3	423161	708588	1.31%	0.334%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

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\82N070820W.M
Title : SW846 8260

35	14.448	3924	3942	3954	rBV	2958687	5091896	9.39%	2.401%
36	14.557	3965	3976	3989	rBV3	2744323	5330691	9.83%	2.514%
37	14.631	3989	3999	4012	rVB	2301740	3686217	6.80%	1.738%
38	14.715	4012	4025	4041	rVB	8016850	13827804	25.49%	6.520%
39	14.808	4041	4054	4067	rBV2	1569450	3187864	5.88%	1.503%
40	14.937	4082	4094	4112	rVB4	475810	969152	1.79%	0.457%
41	15.107	4114	4147	4169	rVV	28236249	54238329	100.00%	25.575%
42	15.213	4169	4180	4209	rVB5	243063	675971	1.25%	0.319%
43	15.422	4238	4245	4269	rVB	352337	1107356	2.04%	0.522%
44	15.567	4277	4290	4297	rBV2	515900	1099946	2.03%	0.519%
45	15.683	4313	4326	4352	rVB2	768548	2502137	4.61%	1.180%
46	15.940	4396	4406	4430	rVB	297273	741650	1.37%	0.350%
47	16.123	4449	4463	4488	rVB	5152961	10550919	19.45%	4.975%
48	16.313	4506	4522	4540	rVB	6048599	12933451	23.85%	6.099%

Sum of corrected areas: 212071828

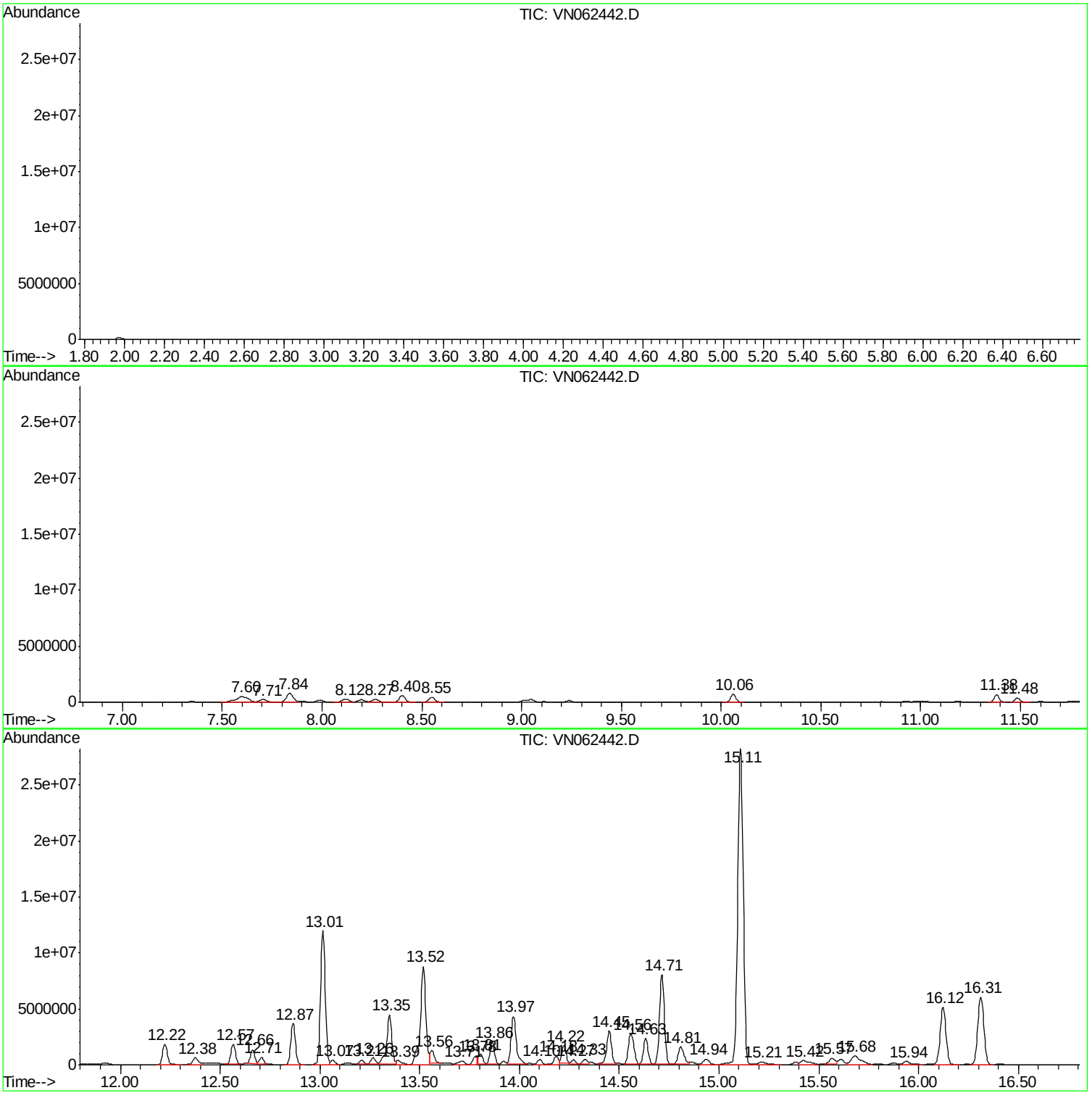
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.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\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

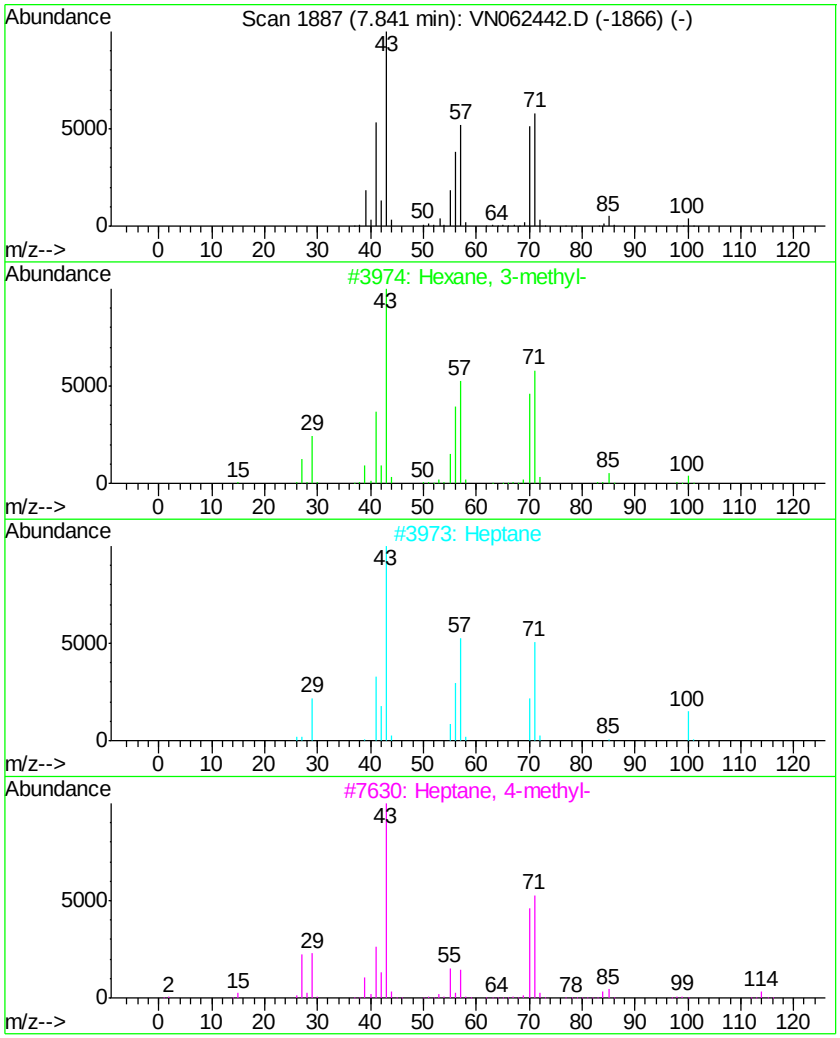
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

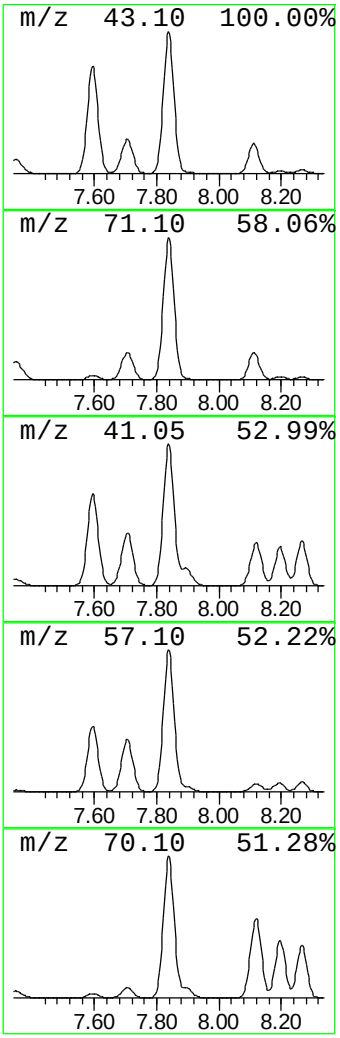
****

Peak Number 1 Hexane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	44.22 ug/l	1952750	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	58
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

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

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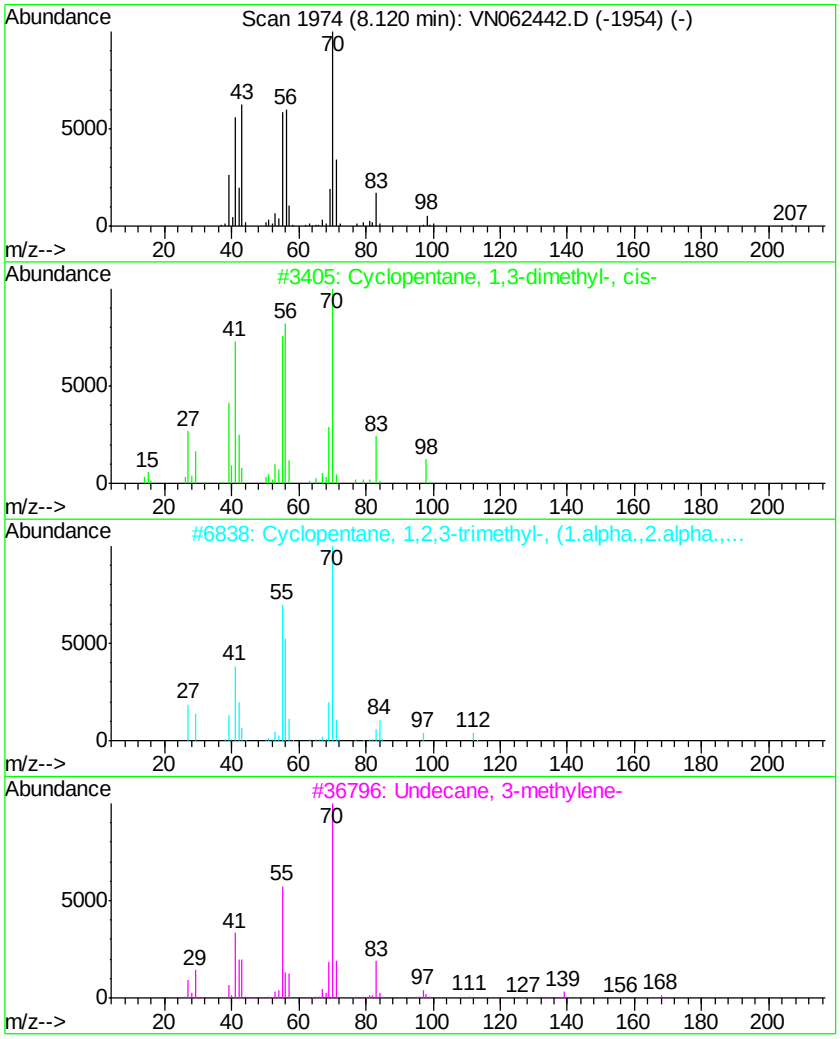
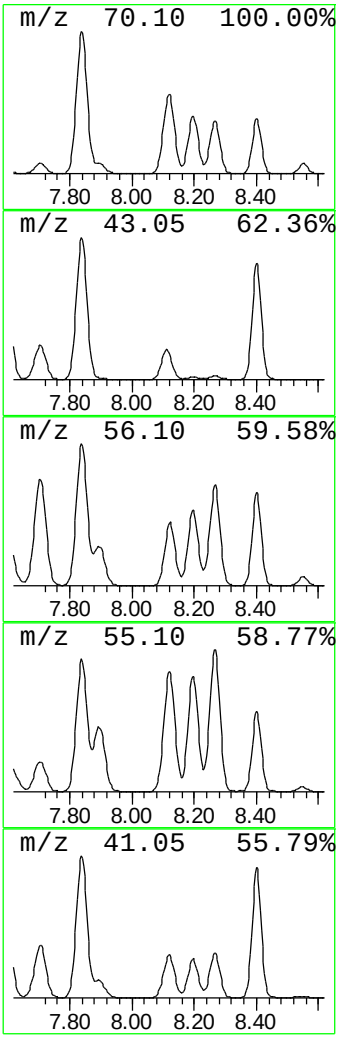
Peak Number 2 Cyclopentane, 1,3-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	36.78 ug/l	686955	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	83
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
3	Undecane, 3-methylene-	168	C12H24	071138-64-2	59
4	1-Pentanol, 3,4-dimethyl-	116	C7H16O	006570-87-2	50
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

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

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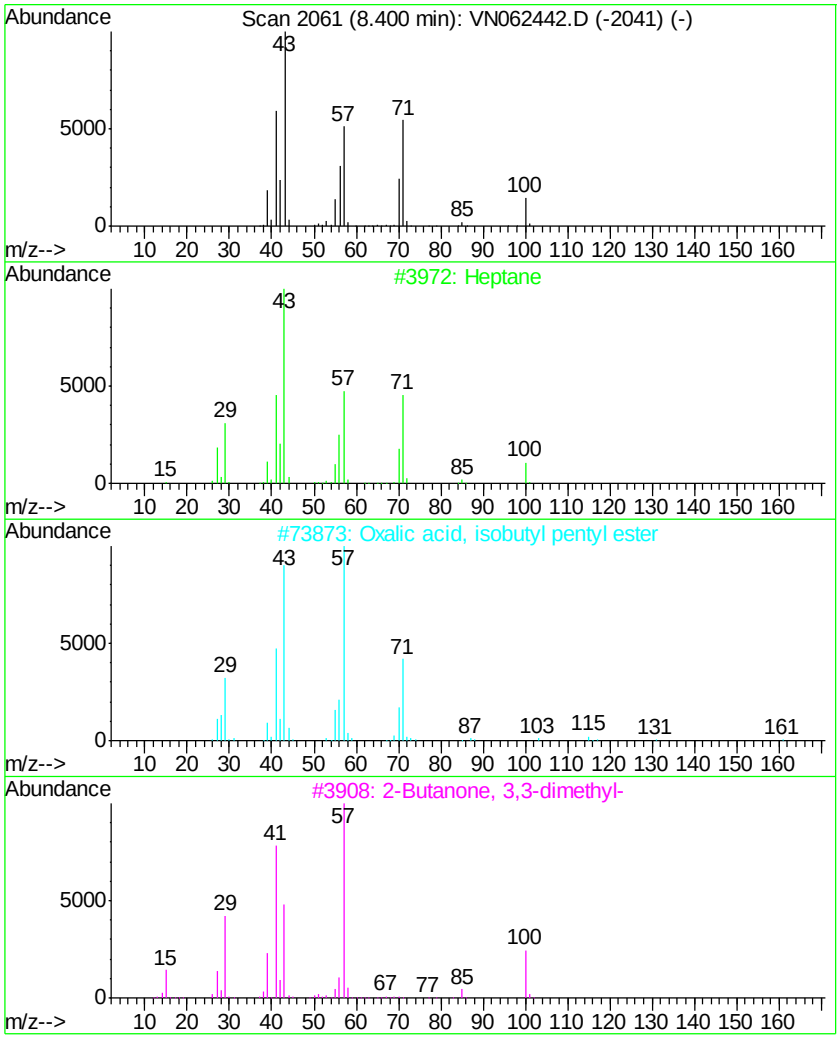
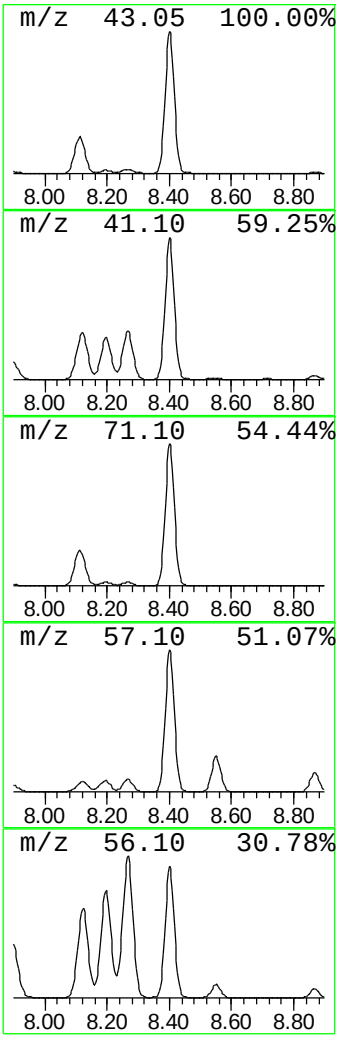
Peak Number 3 Heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	68.19 ug/l	1273440	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
3	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	43
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	42
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

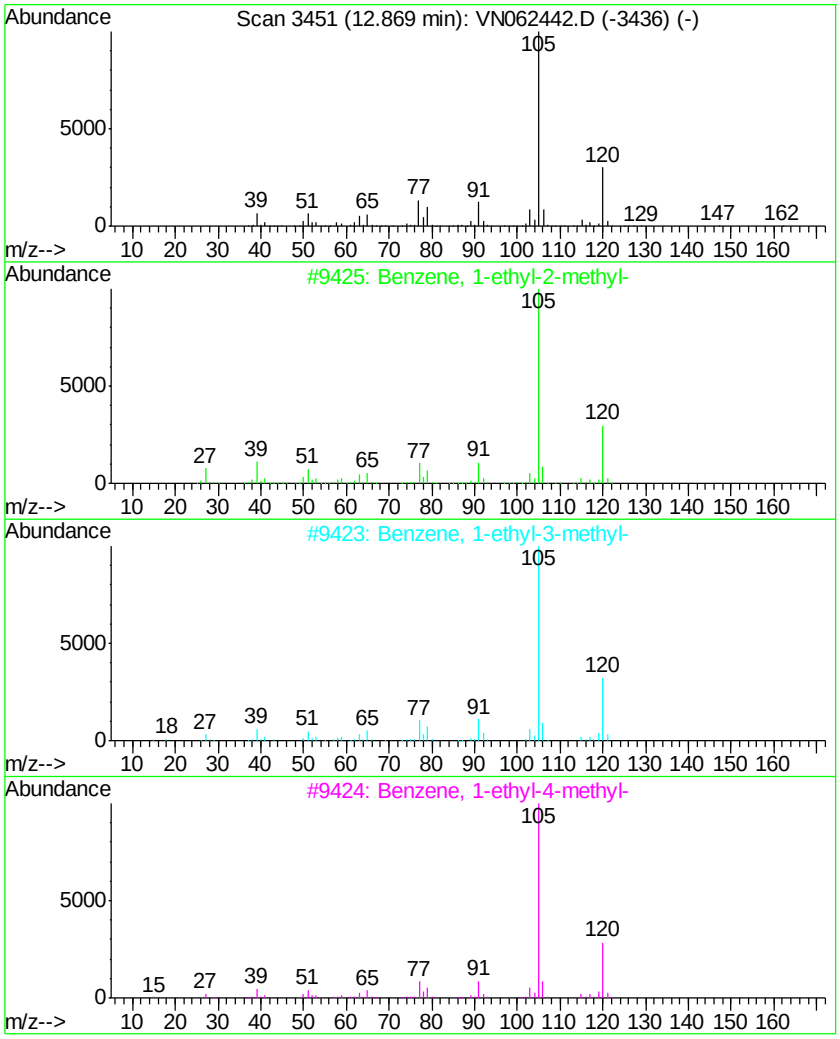
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

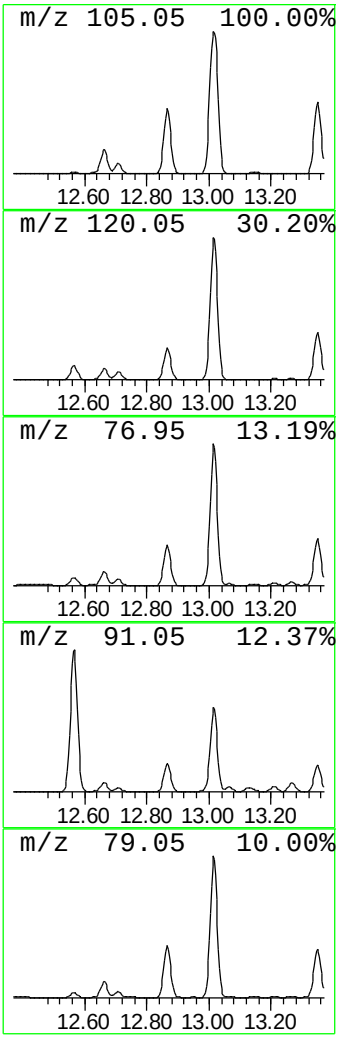
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	37.54 ug/l	5931390	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	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

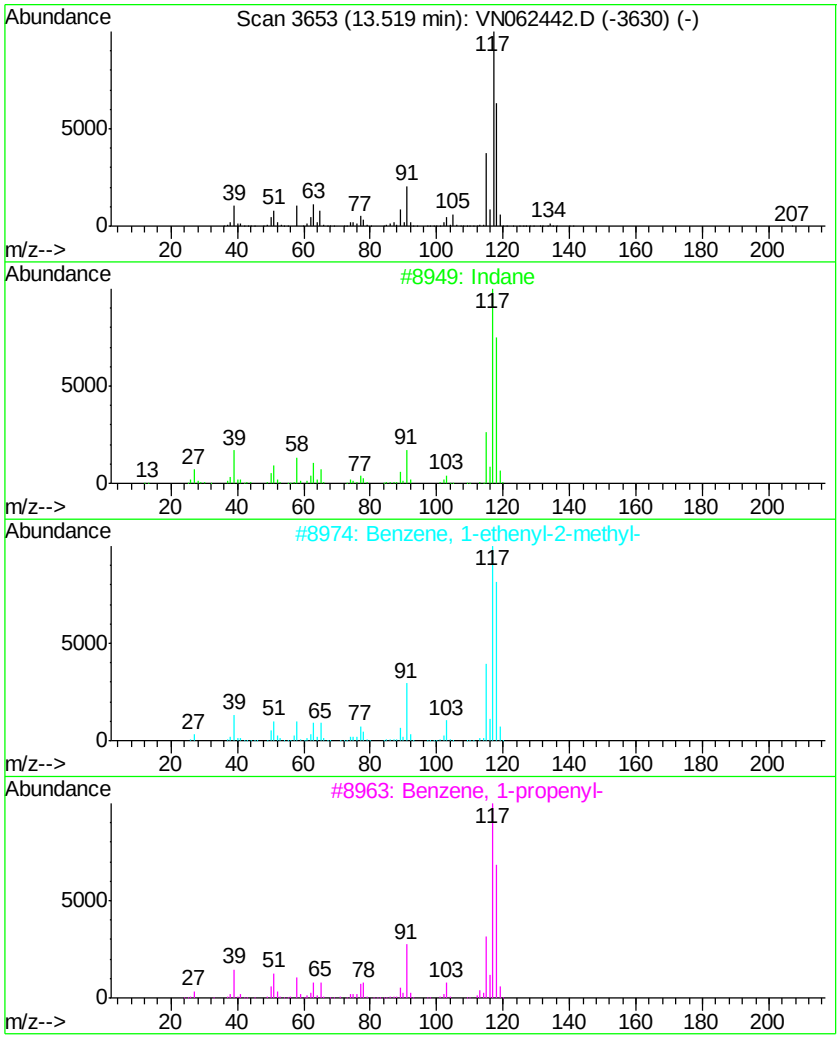
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

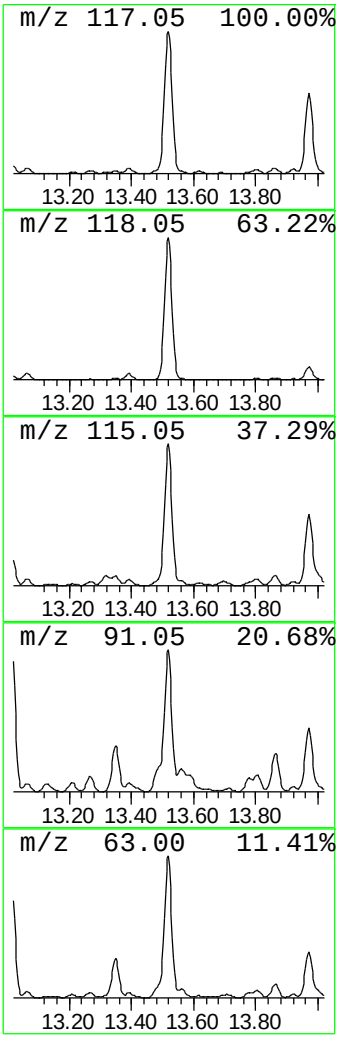
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	108.23 ug/l	17099100	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

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

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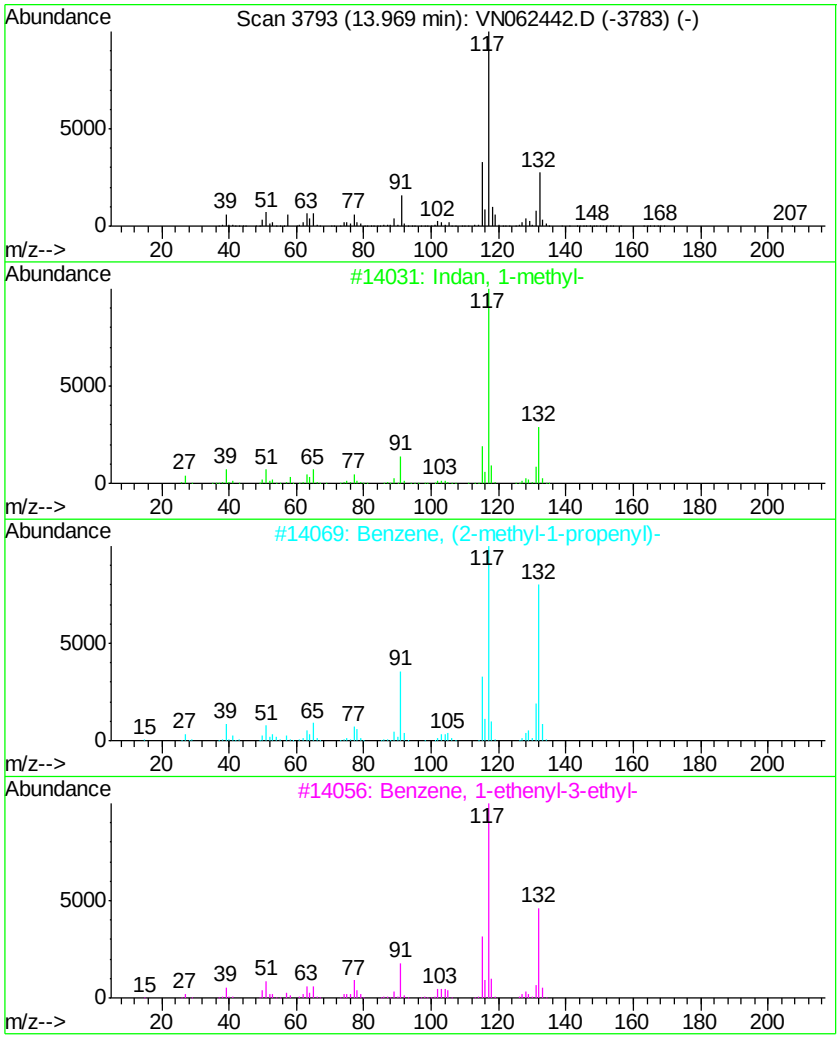
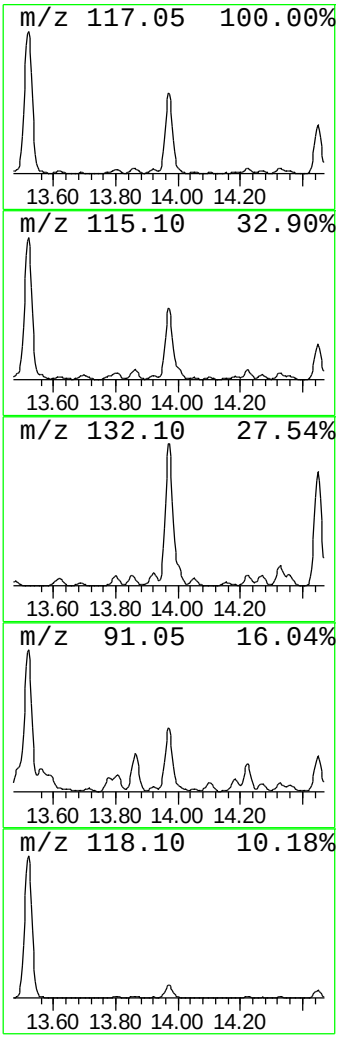
Peak Number 6 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	48.07 ug/l	7595290	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

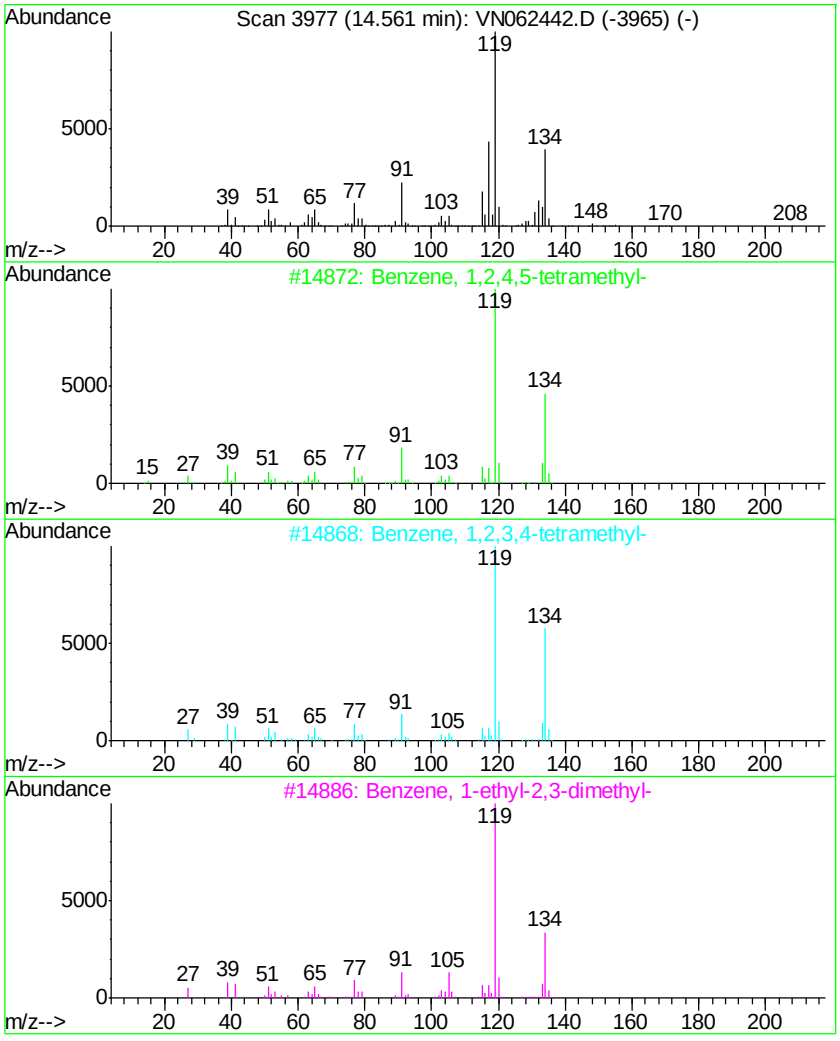
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

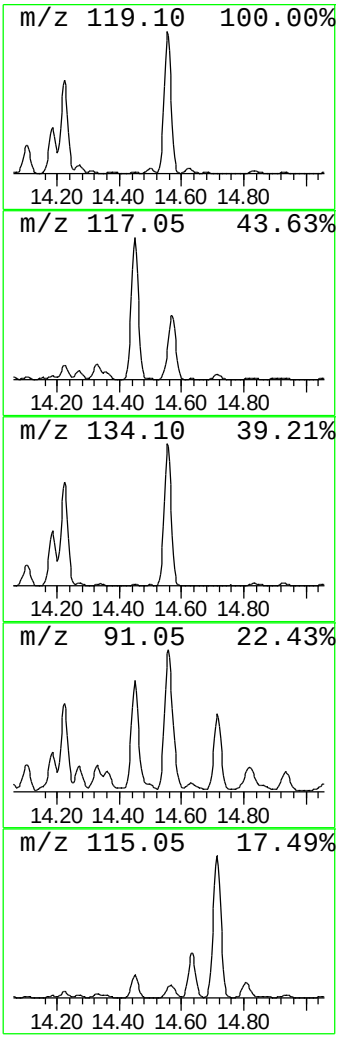
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	33.74 ug/l	5330690	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	p-Cymene	134	C10H14	000099-87-6	81
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

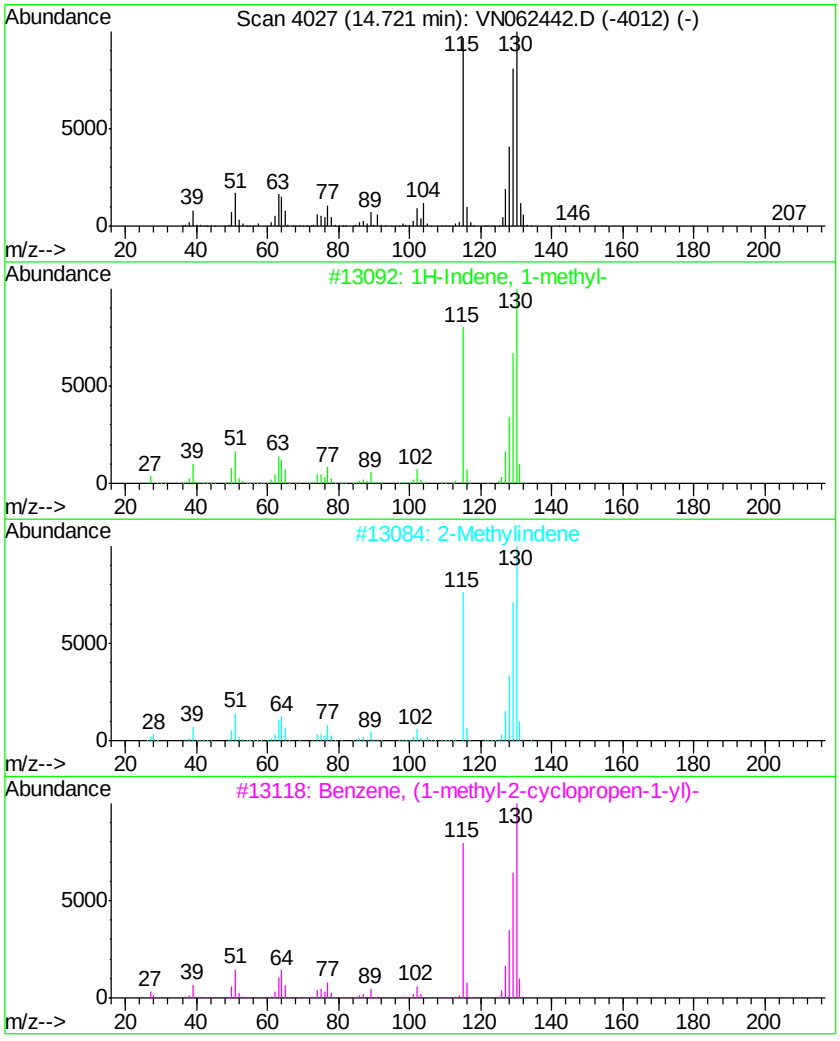
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

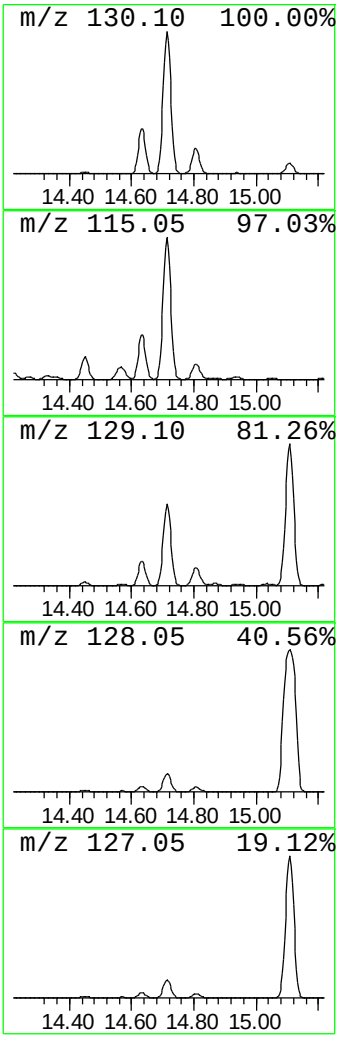
****

Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	87.52 ug/l	13827800	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260

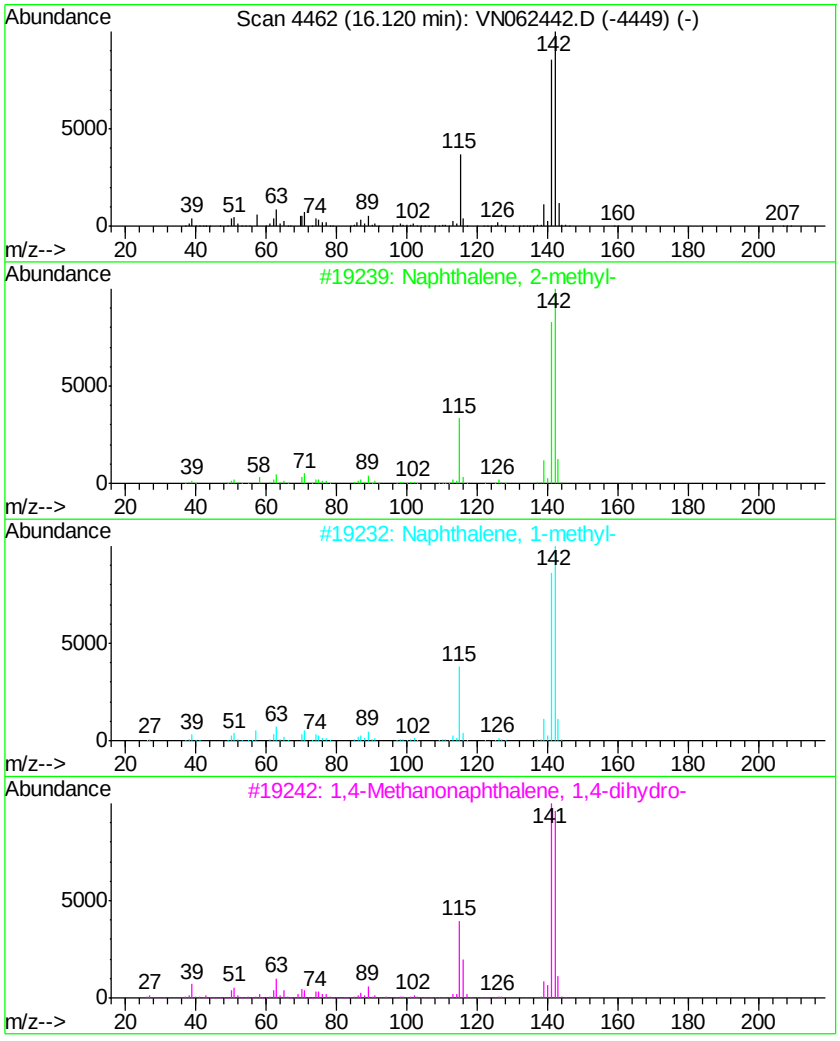
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

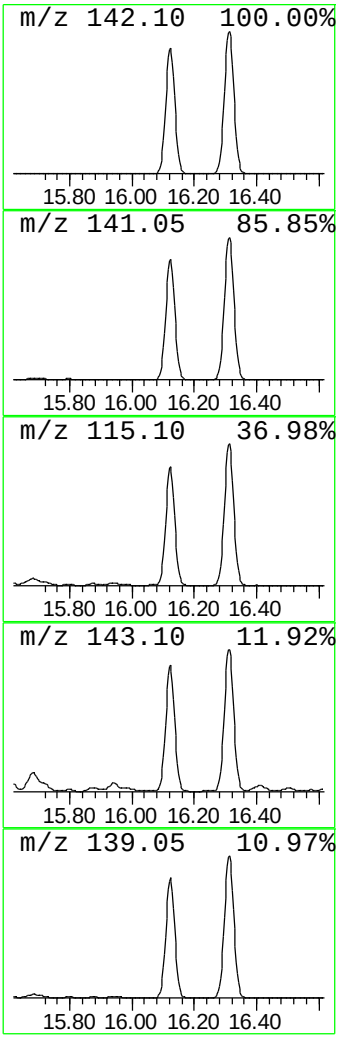
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	66.78 ug/l	10550900	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
Data File : VN062442.D
Acq On : 9 Jul 2020 6:23
Operator : JC/MD
Sample : L3215-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.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
Hexane, 3-methyl-	7.84	44.2	ug/l	1952750	1	7.63	2208040	50.0
Cyclopentane, 1,3...	8.12	36.8	ug/l	686955	2	8.55	933763	50.0
Heptane	8.40	68.2	ug/l	1273440	2	8.55	933763	50.0
Benzene, 1-ethyl-...	12.87	37.5	ug/l	5931390	4	13.32	7899800	50.0
Indane	13.52	108.2	ug/l	17099100	4	13.32	7899800	50.0
Indan, 1-methyl-	13.97	48.1	ug/l	7595290	4	13.32	7899800	50.0
Benzene, 1,2,4,5-...	14.56	33.7	ug/l	5330690	4	13.32	7899800	50.0
1H-Indene, 1-methyl-	14.72	87.5	ug/l	13827800	4	13.32	7899800	50.0
Naphthalene, 1-me...	16.12	66.8	ug/l	10550900	4	13.32	7899800	50.0