LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

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\82N093020W.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	2.161	122	131	143	rVB	49226	71236	1.31%	0.265%
2	2.775	309	322	335	rBV3	42592	87691	1.62%	0.326%
3	3.775	617	633	652	rBV	43094	119744	2.21%	0.445%
4	4.589	872	886	908	rVB	27477	95439	1.76%	0.355%
5	4.994	988	1012	1038	rVB3	32145	118104	2.18%	0.439%
6	6.582	1485	1506	1524	rVB6	28435	84130	1.55%	0.313%
7	6.788	1550	1570	1596	rBV3	18624	66937	1.23%	0.249%
8	7.550	1787	1807	1818	rBV2	207199	507635	9.36%	1.888%
9	7.627	1819	1831	1853	rVB	353772	854707	15.76%	3.179%
10	8.003	1926	1948	1965	rBV3	1064942	2691295	49.62%	10.011%
11	8.090	1966	1975	1997	rVB5	52957	131982	2.43%	0.491%
12	8.550	2102	2118	2140	rBV	541825	1150183	21.20%	4.278%
13	10.061	2572	2588	2598	rBV	877764	1603437	29.56%	5.964%
14	10.126	2598	2608	2636	rVB	1339880	2502340	46.13%	9.308%
15	10.273	2643	2654	2666	rVV2	142291	250751	4.62%	0.933%
16	10.351	2666	2678	2697	rVB	162900	280981	5.18%	1.045%
17	11.225	2940	2950	2959	rBV2	39077	72956	1.35%	0.271%
18	11.379	2984	2998	3015	rBV	900800	1567864	28.91%	5.832%
19	11.486	3018	3031	3050	rVB	1120220	1889816	34.84%	7.029%
20	11.601	3052	3067	3086	rVB	978958	1812199	33.41%	6.741%
21	11.923	3149	3167	3182	rBV	3240807	5424136	100.00%	20.176%
22	12.225	3248	3261	3270	rBV	48065	76019	1.40%	0.283%
23	12.376	3296	3308	3333	rBV	733338	1270920	23.43%	4.727%
24	12.566	3359	3367	3377	rVB	58589	94961	1.75%	0.353%
25	12.630	3377	3387	3392	rVV	97917	157607	2.91%	0.586%
26	12.662	3392	3397	3404	rVV	131957	207339	3.82%	0.771%
27	12.707	3404	3411	3423	rVB2	154467	255522	4.71%	0.950%
28	12.865	3447	3460	3474	rBV	560371	917998	16.92%	3.415%
29	13.318	3589	3601	3608	rBV	843010	1531857	28.24%	5.698%
30	13.518	3646	3663	3673	rBV	465689	821291	15.14%	3.055%
31	13.971	3795	3804	3825	rVB	94855	167109	3.08%	0.622%

Sum of corrected areas: 26884186

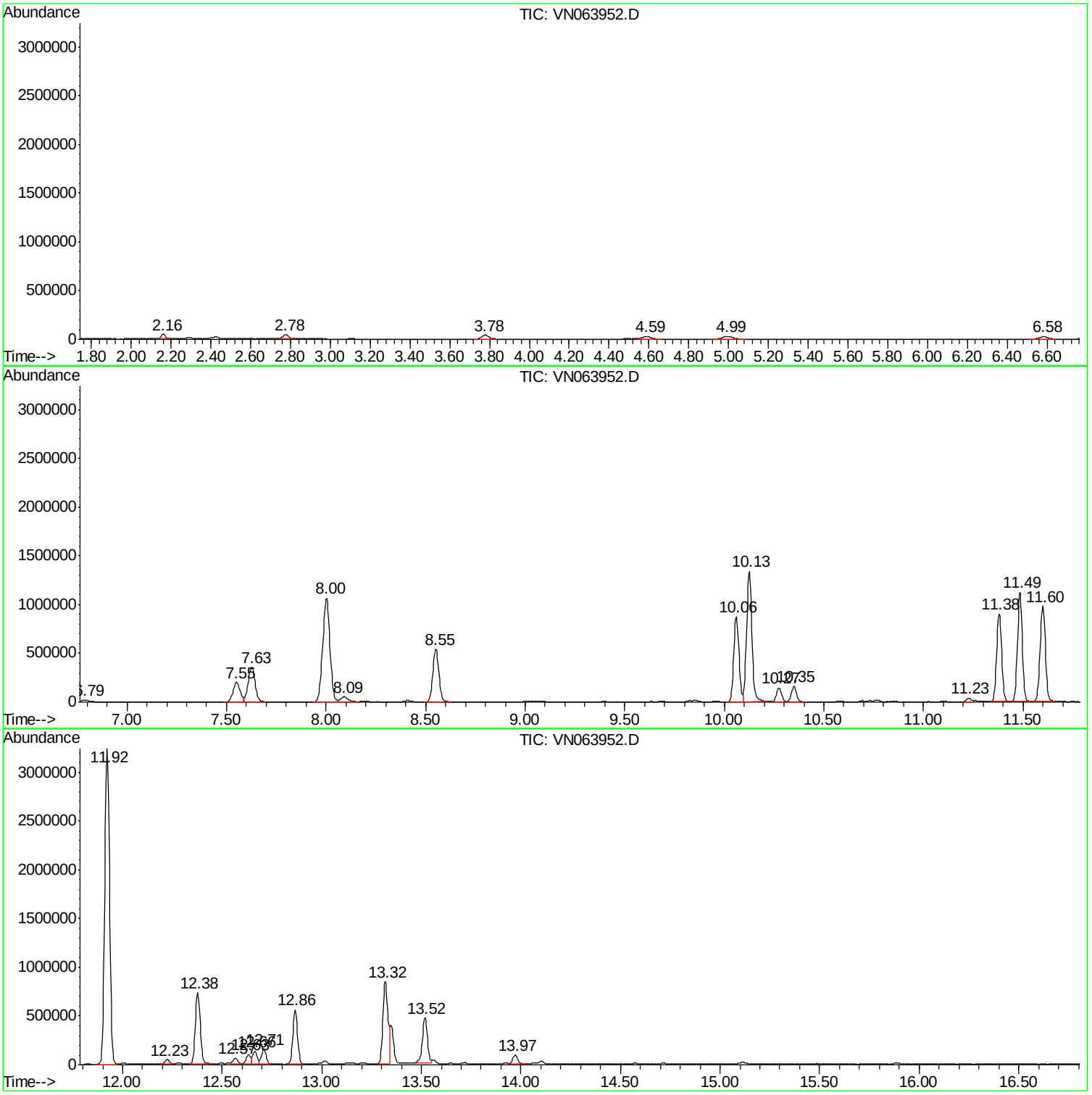
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

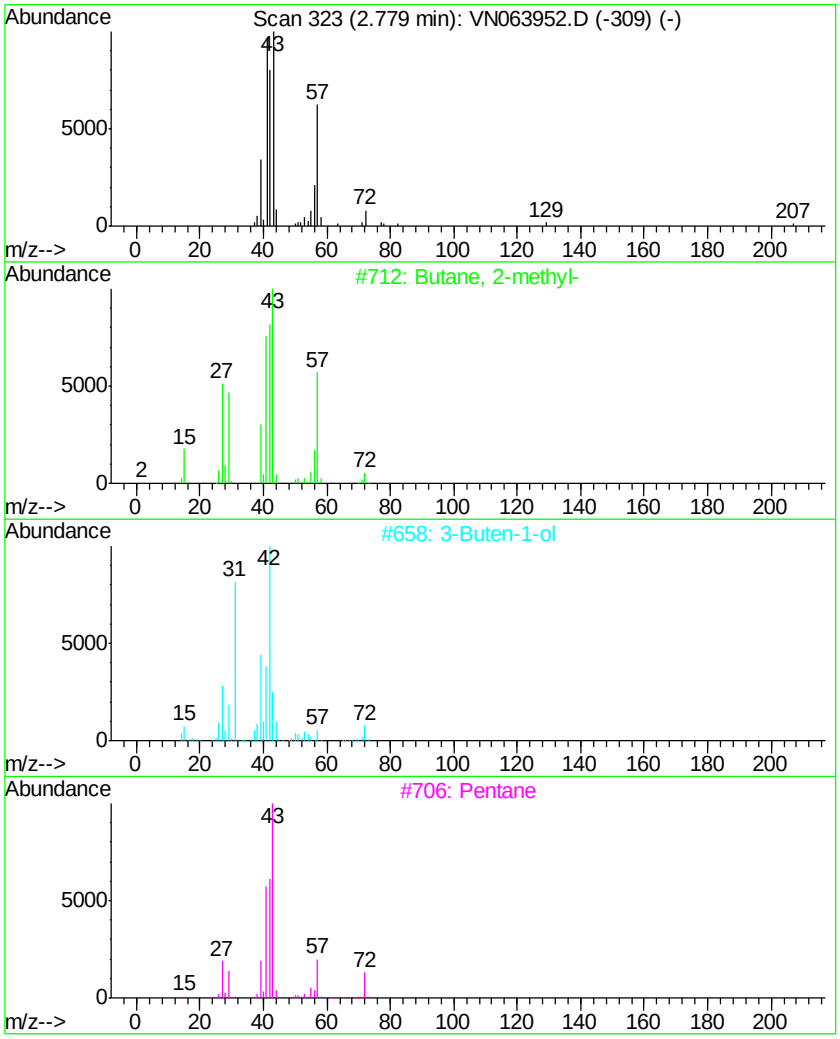
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

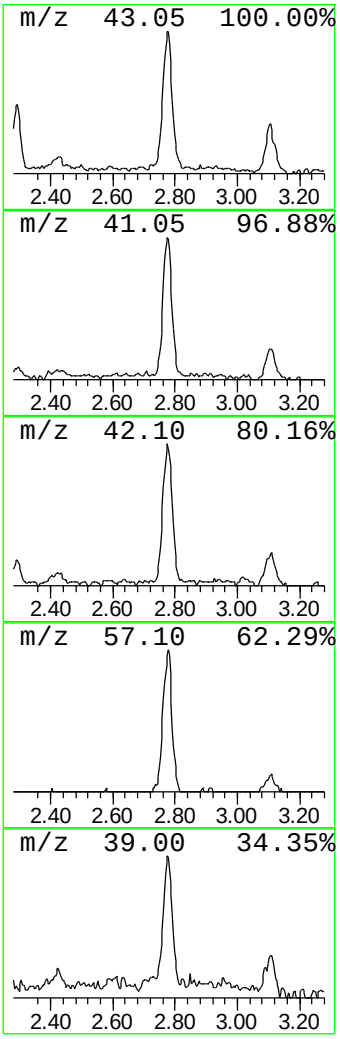
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	5.13 ug/l	87691	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	42
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	39
5	Isobutylene epoxide	72	C4H8O	000558-30-5	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

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

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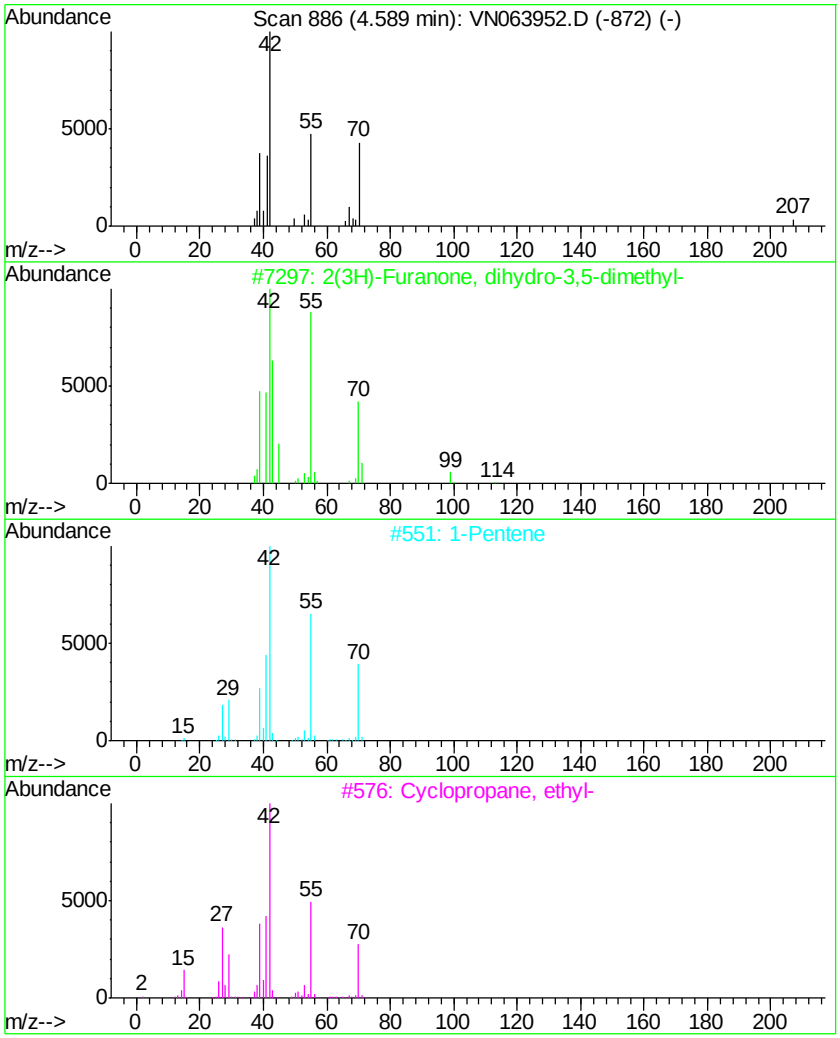
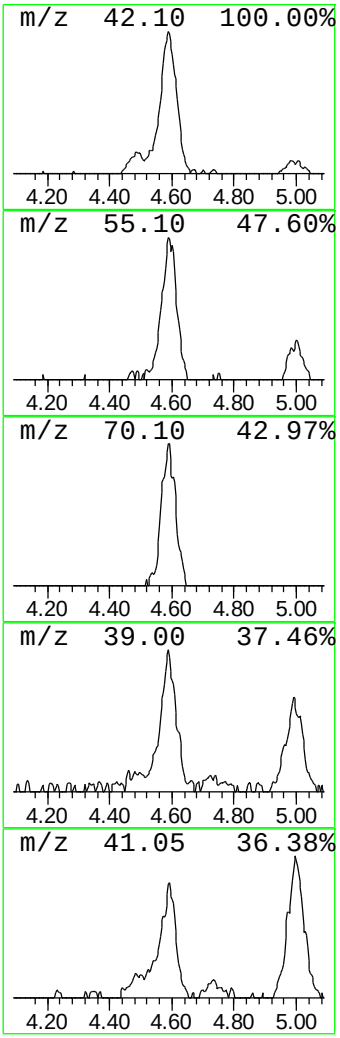
Peak Number 2 2(3H)-Furanone, dihydro-3,5... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	5.58 ug/l	95439	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-3,5-dime...	114	C6H10O2	005145-01-7	72
2	1-Pentene	70	C5H10	000109-67-1	64
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
4	3-Buten-1-ol	72	C4H8O	000627-27-0	25
5	Cyclopentane	70	C5H10	000287-92-3	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

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

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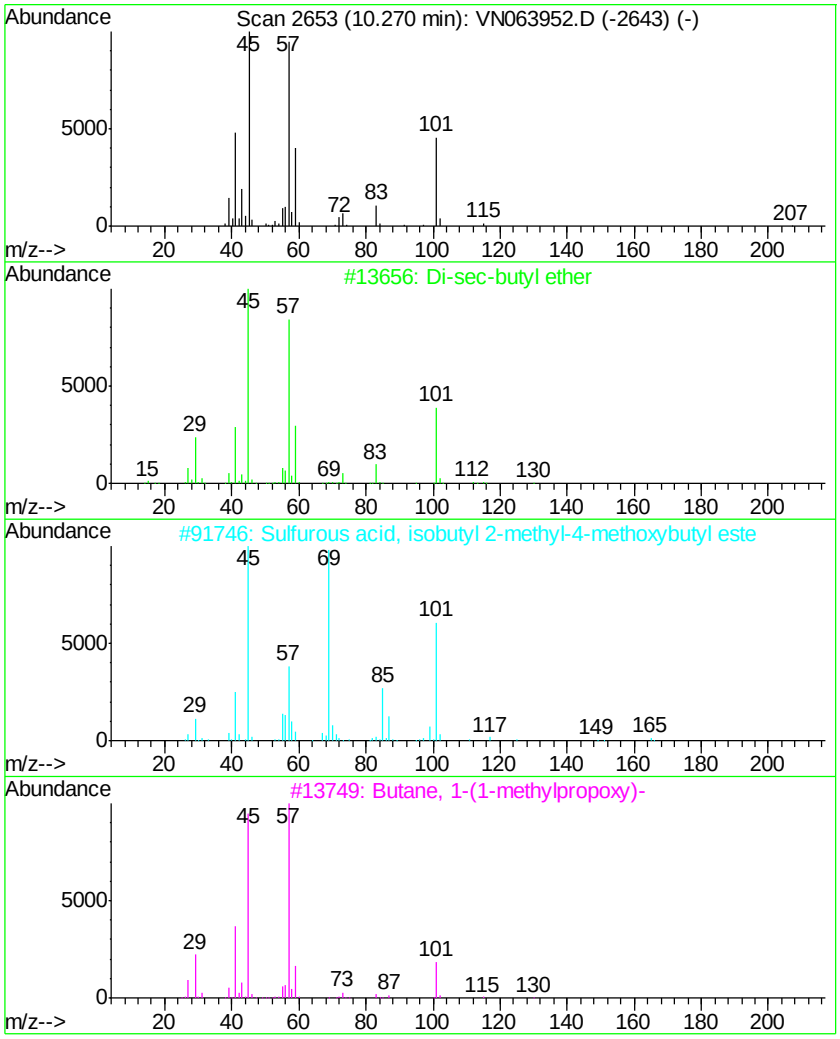
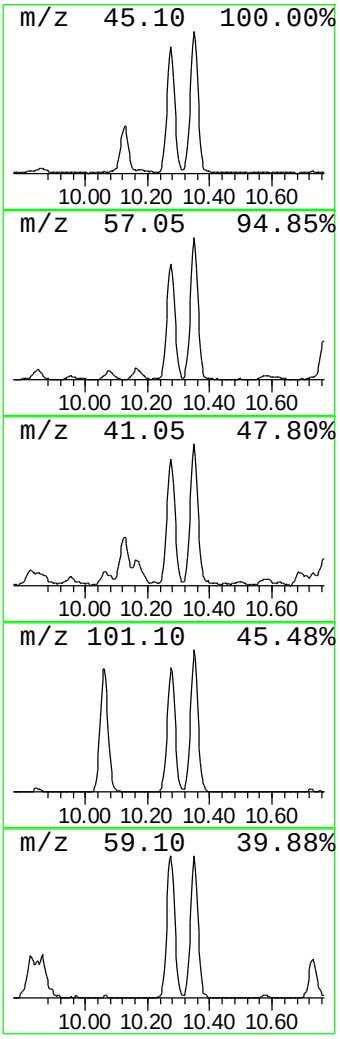
Peak Number 3 Di-sec-butyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	8.00 ug/l	250751	Chlorobenzene-d5	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	90
2	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	59
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	56
4	Diethyl carbitol	162	C8H18O3	000112-36-7	43
5	1-Octene, 3-(methoxymethoxy)-	172	C10H20O2	088738-34-5	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

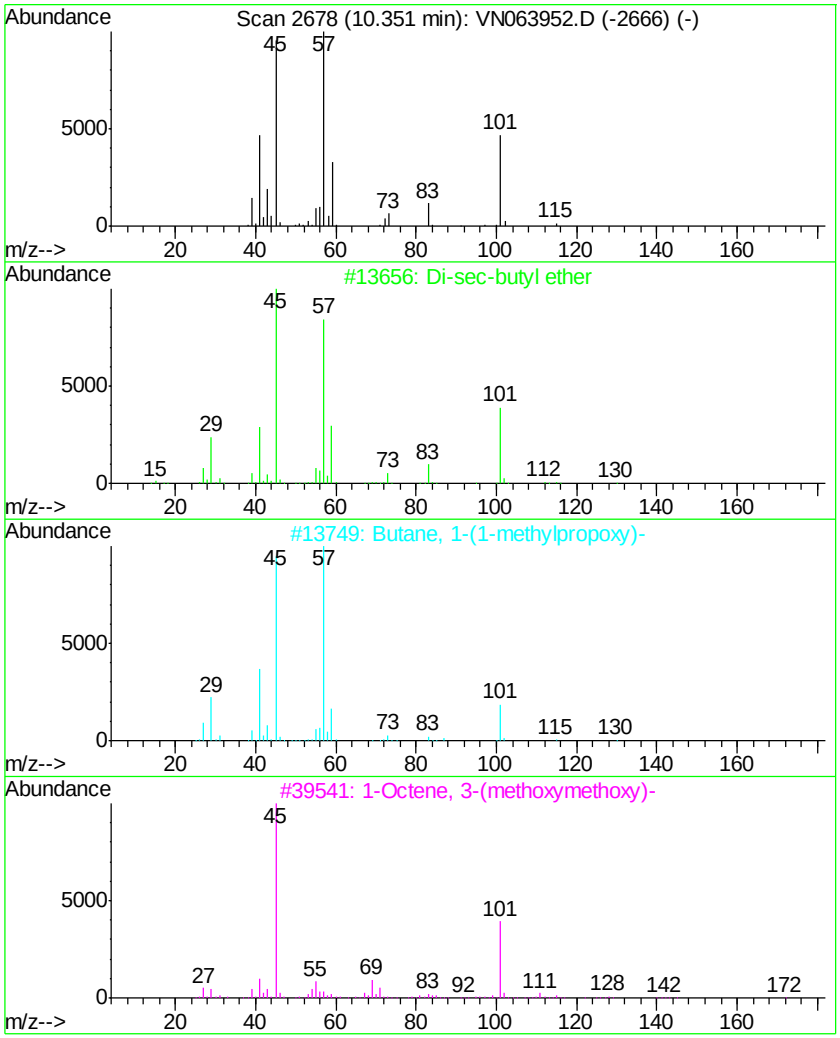
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

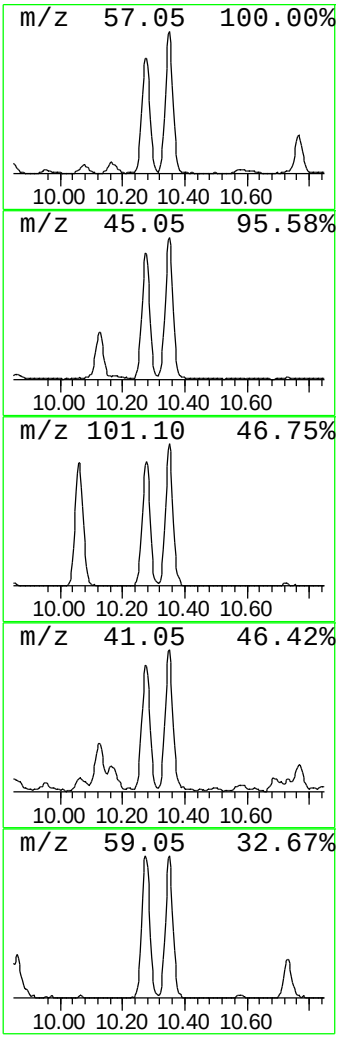
****

Peak Number 4 Butane, 1-(1-methylpropoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	8.96 ug/l	280981	Chlorobenzene-d5	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	90
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	56
3	1-Octene, 3-(methoxymethoxy)-	172	C10H20O2	088738-34-5	40
4	2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	37
5	Boronic acid, ethyl-, diethyl ester	130	C6H15BO2	053907-92-9	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

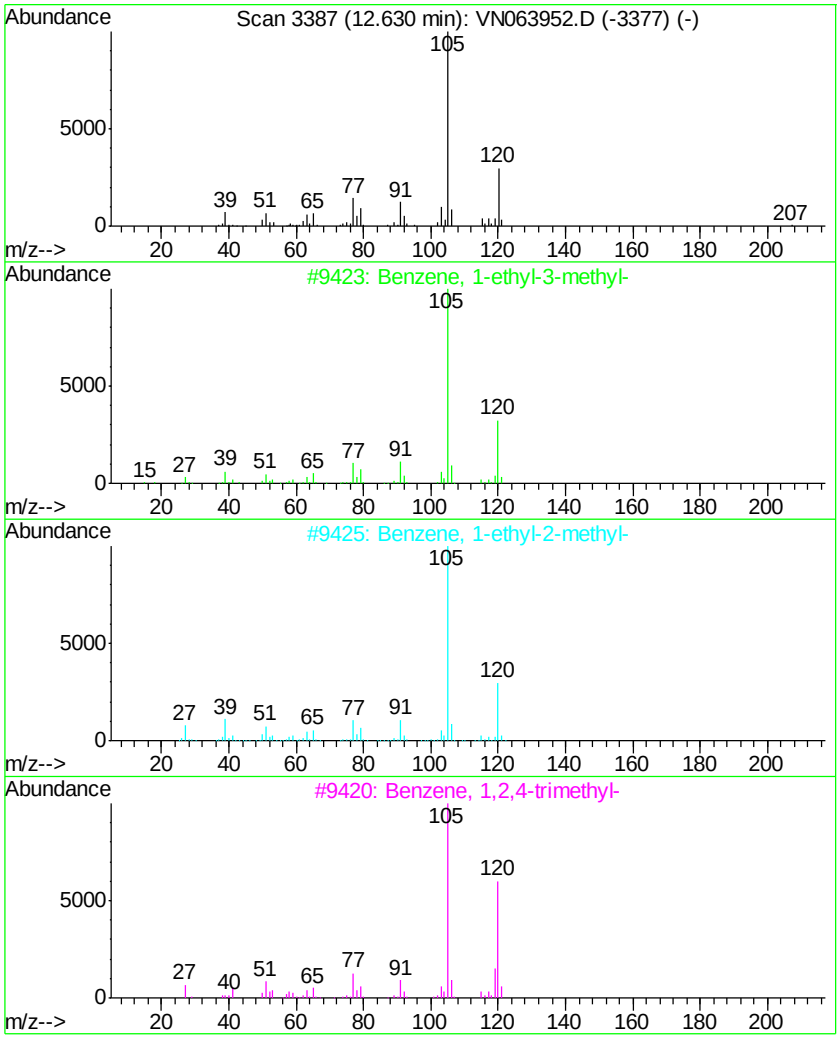
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

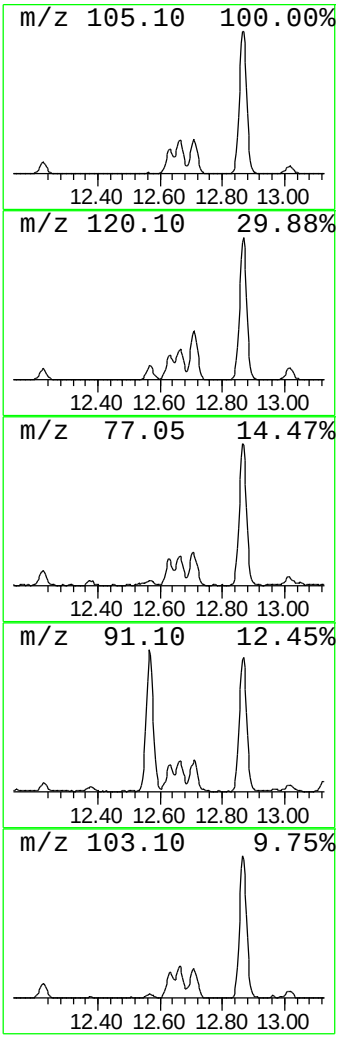
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.14 ug/l	157607	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

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

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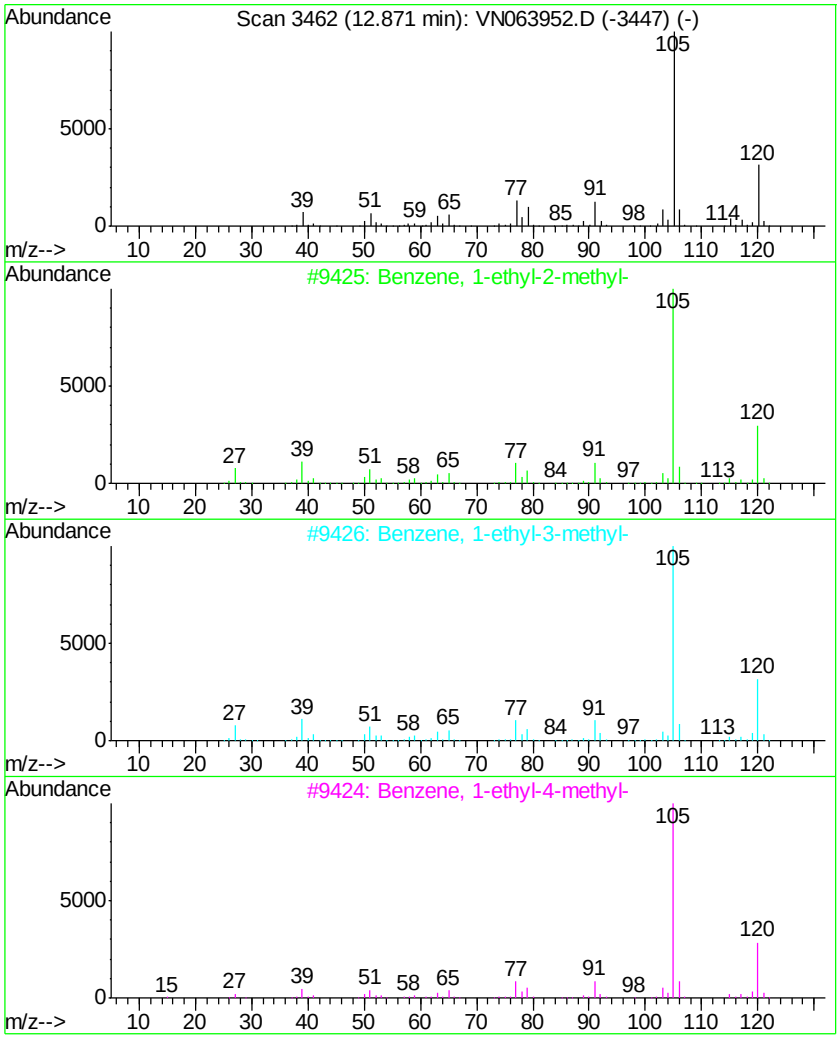
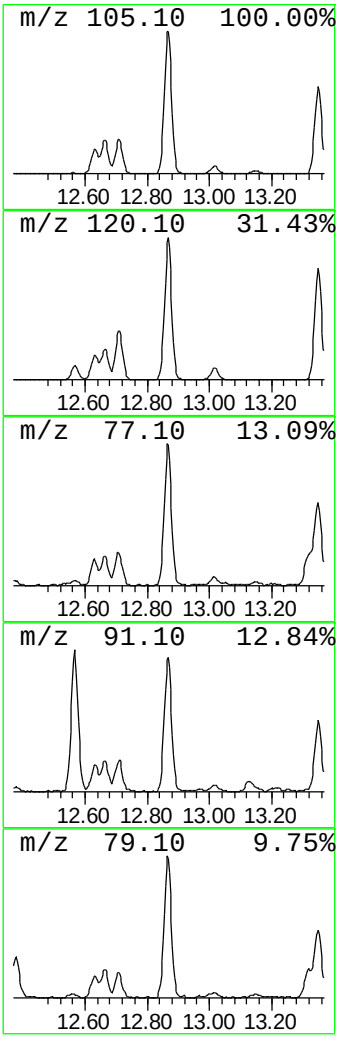
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	29.96 ug/l	917998	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	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\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

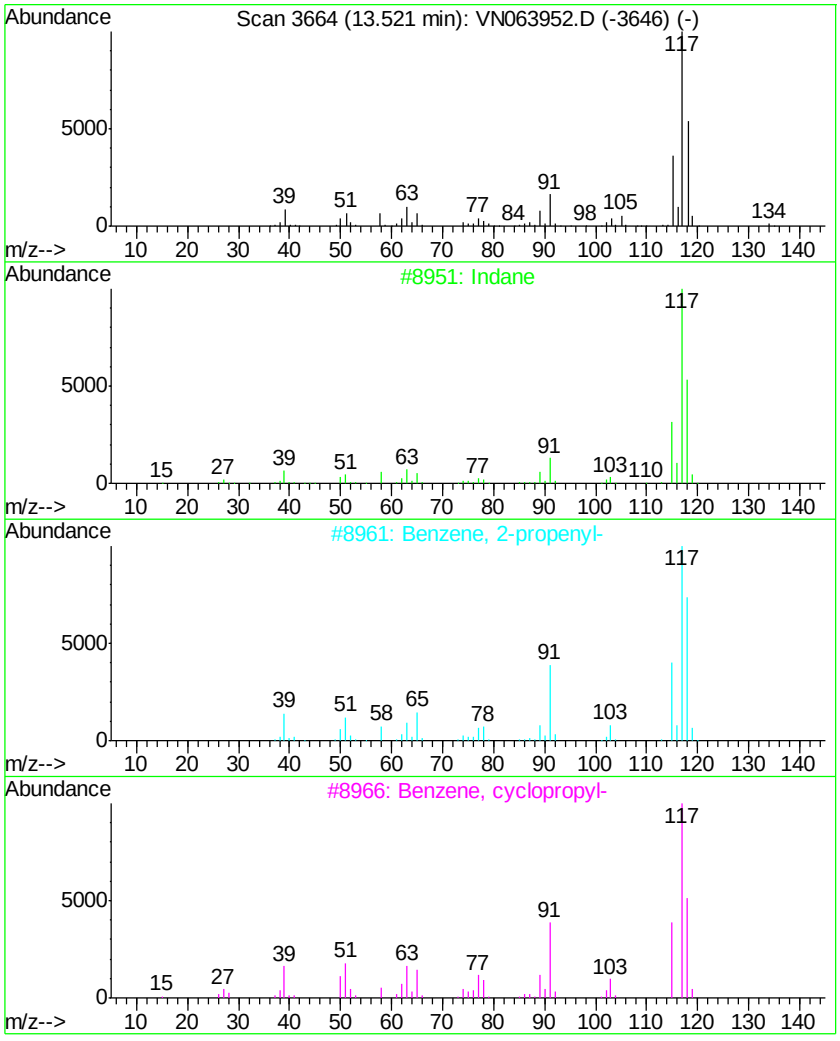
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

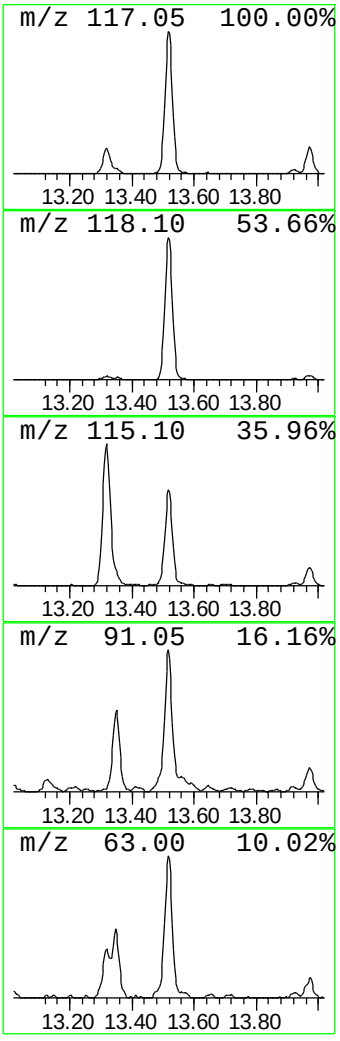
****

Peak Number 7 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	26.81 ug/l	821291	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063952.D
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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260

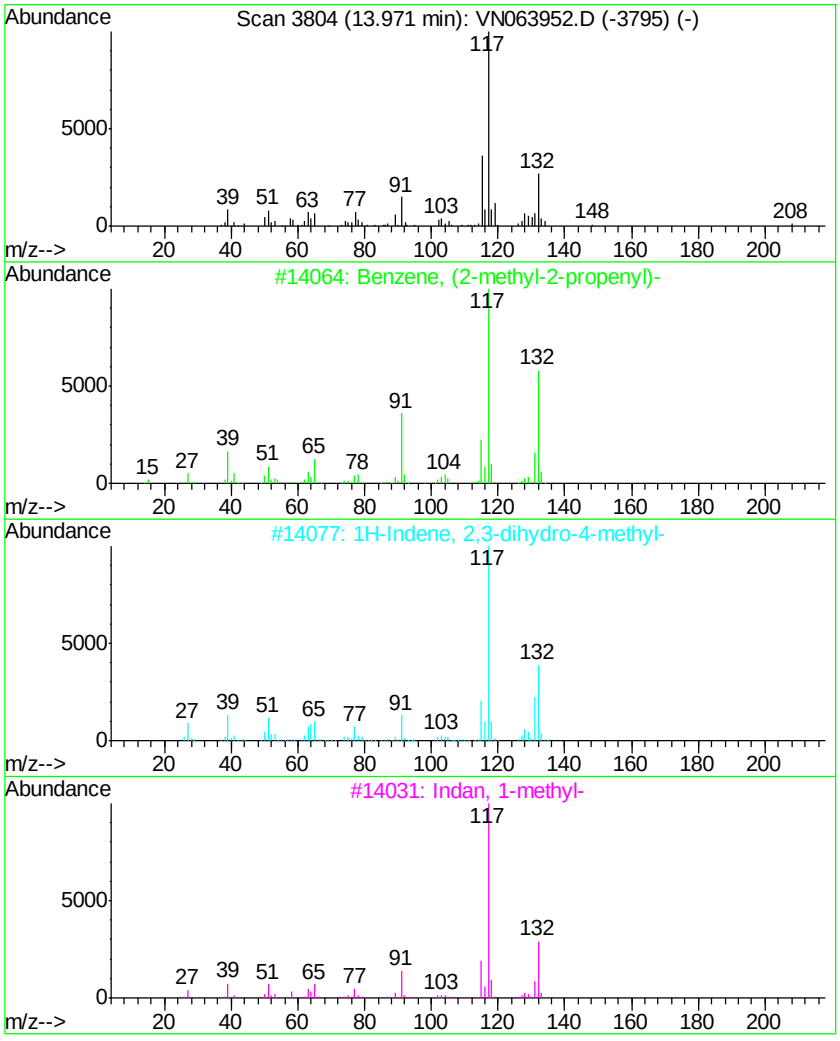
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

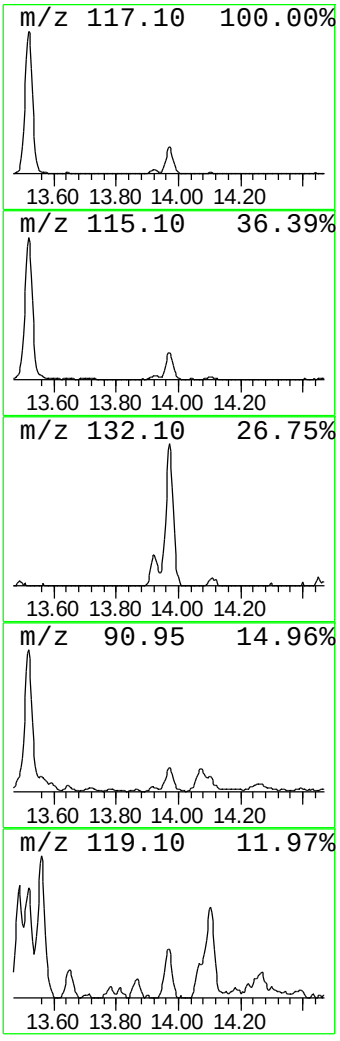
****

Peak Number 8 Benzene, (2-methyl-2-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	5.45 ug/l	167109	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
3	Indan, 1-methyl-	132	C10H12	000767-58-8	68
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	60
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063952.D
Acq On : 7 Oct 2020 18:55
Operator : JC/MD
Sample : L4250-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.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-	2.78	5.1	ug/l	87691	1	7.63	854707	50.0
2(3H)-Furanone, d...	4.59	5.6	ug/l	95439	1	7.63	854707	50.0
Di-sec-butyl ether	10.27	8.0	ug/l	250751	3	11.38	1567860	50.0
Butane, 1-(1-meth...	10.35	9.0	ug/l	280981	3	11.38	1567860	50.0
Benzene, 1-ethyl-...	12.63	5.1	ug/l	157607	4	13.32	1531860	50.0
Benzene, 1-ethyl-...	12.87	30.0	ug/l	917998	4	13.32	1531860	50.0
Indane	13.52	26.8	ug/l	821291	4	13.32	1531860	50.0
Benzene, (2-methy...	13.97	5.5	ug/l	167109	4	13.32	1531860	50.0