LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
Data File : VX029358.D
Acq On : 09 Jun 2022 20:18
Operator : JC/MD
Sample : N3283-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220608036-02-VOA

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_X\Method\82X060722W.M
Title : SW846 8260

Signal : TIC: VX029358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	25	27	42	rVB2	111983	253378	4.60%	1.013%
2	2.386	205	213	217	rBV2	150583	267152	4.85%	1.068%
3	2.556	235	241	251	rVB2	25892	69852	1.27%	0.279%
4	2.971	297	309	326	rBV	1521120	3679715	66.85%	14.710%
5	3.111	326	332	343	rVB2	24973	62441	1.13%	0.250%
6	4.580	552	573	587	rBV	1697848	5504202	100.00%	22.004%
7	5.007	632	643	663	rBV	464615	1443518	26.23%	5.771%
8	5.391	694	706	721	rBV2	167765	492129	8.94%	1.967%
9	5.556	721	733	747	rVB	217552	624869	11.35%	2.498%
10	5.958	789	799	808	rBV	181825	484830	8.81%	1.938%
11	6.043	808	813	821	rVB2	30136	72799	1.32%	0.291%
12	6.245	834	846	855	rBV4	43558	128808	2.34%	0.515%
13	6.763	921	931	947	rBV	325371	779334	14.16%	3.115%
14	8.653	1234	1241	1247	rBV	807448	1278849	23.23%	5.112%
15	8.720	1247	1252	1261	rVB2	68768	114980	2.09%	0.460%
16	9.378	1352	1360	1367	rBV	179625	272777	4.96%	1.090%
17	10.055	1460	1471	1484	rBV	740263	1110542	20.18%	4.439%
18	10.195	1489	1494	1505	rVV2	195044	308561	5.61%	1.233%
19	10.305	1506	1512	1518	rVV	170943	261281	4.75%	1.044%
20	10.646	1563	1568	1579	rVB	116856	167153	3.04%	0.668%
21	11.085	1634	1640	1645	rBV	846073	1102813	20.04%	4.409%
22	11.378	1682	1688	1695	rBV3	31468	58557	1.06%	0.234%
23	11.756	1740	1750	1754	rBV	66509	99706	1.81%	0.399%
24	11.890	1768	1772	1780	rVB	67868	94164	1.71%	0.376%
25	12.024	1788	1794	1801	rBV	930155	1241917	22.56%	4.965%
26	12.103	1801	1807	1811	rBV3	57462	113407	2.06%	0.453%
27	12.244	1823	1830	1836	rBV2	67345	109256	1.98%	0.437%
28	12.768	1911	1916	1920	rVB2	88072	125568	2.28%	0.502%
29	12.908	1927	1939	1944	rBV	845470	1122454	20.39%	4.487%
30	12.963	1944	1948	1953	rVB4	61596	100650	1.83%	0.402%
31	13.219	1985	1990	1996	rBV4	48602	85096	1.55%	0.340%
32	13.286	1996	2001	2005	rBV3	50820	69608	1.26%	0.278%
33	13.335	2005	2009	2015	rBV2	87122	123013	2.23%	0.492%
34	13.426	2020	2024	2027	rVB2	48539	58331	1.06%	0.233%
35	13.475	2027	2032	2034	rBV2	179064	240057	4.36%	0.960%
36	13.512	2034	2038	2046	rVV	794320	1104901	20.07%	4.417%

LSC Area Percent Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
220608036-02-VOA

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_X\Method\82X060722W.M
Title : SW846 8260

37	13.591	2046	2051	2061	rVB3	207811	315395	5.73%	1.261%
38	13.731	2070	2074	2077	rBV2	76838	93614	1.70%	0.374%
39	13.774	2077	2081	2089	rVB	586454	757999	13.77%	3.030%
40	13.938	2101	2108	2114	rBV4	47136	111960	2.03%	0.448%
41	14.097	2128	2134	2147	rBV2	126737	263030	4.78%	1.051%
42	14.639	2220	2223	2233	rVB2	56396	98129	1.78%	0.392%
43	14.780	2241	2246	2253	rVB	43148	58871	1.07%	0.235%
44	16.218	2475	2482	2492	rBV4	31586	89439	1.62%	0.358%

Sum of corrected areas: 25015105

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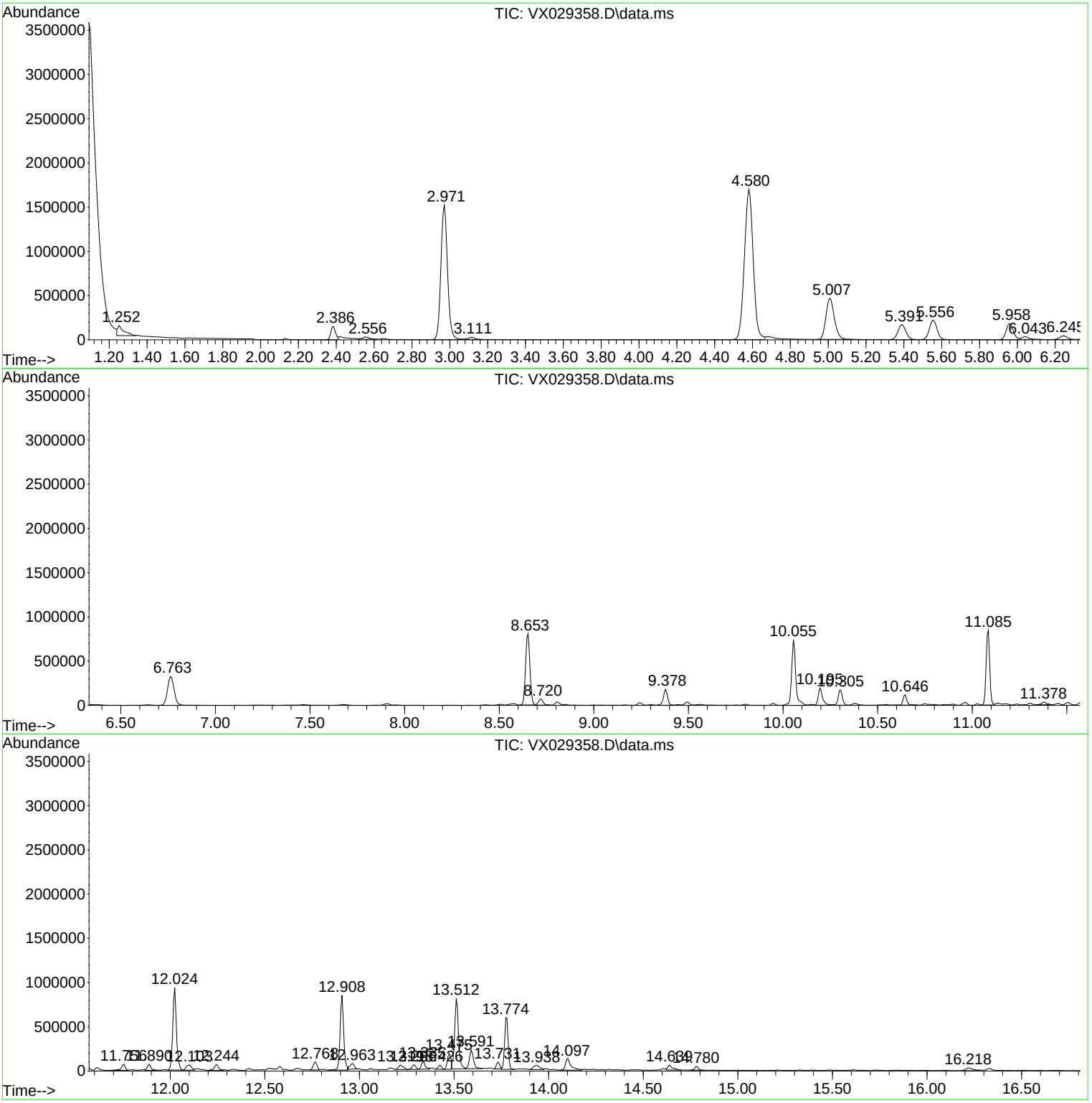
ClientSampleId :
220608036-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : VX029358.D
Acq On : 09 Jun 2022 20:18
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
220608036-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

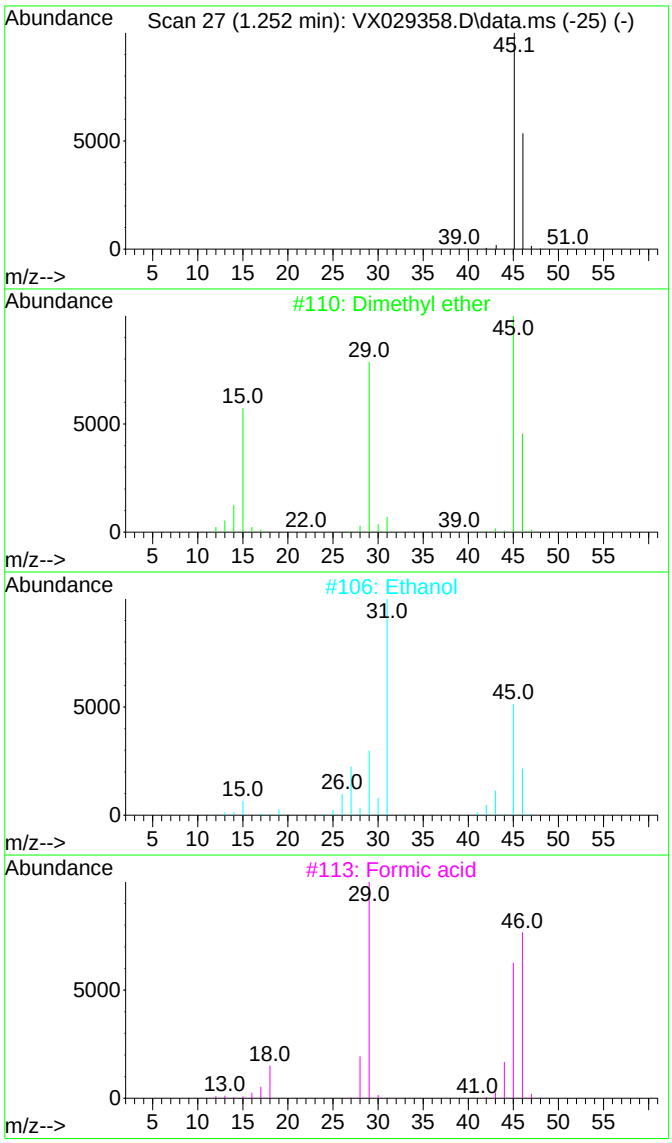
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

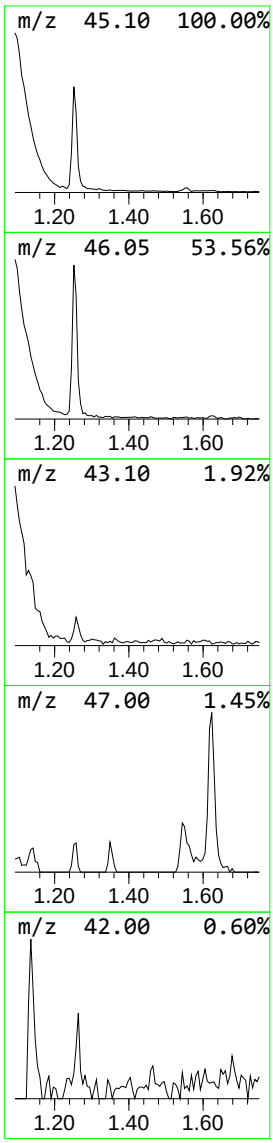
****

Peak Number 1 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.252	20.27 ug/l	253378	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Ethanol	46	C2H6O	000064-17-5	7
3	Formic acid	46	CH2O2	000064-18-6	7
4	Hydrazine, methyl-	46	CH6N2	000060-34-4	4
5	Ethene, fluoro-	46	C2H3F	000075-02-5	4





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Data File : VX029358.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220608036-02-VOA

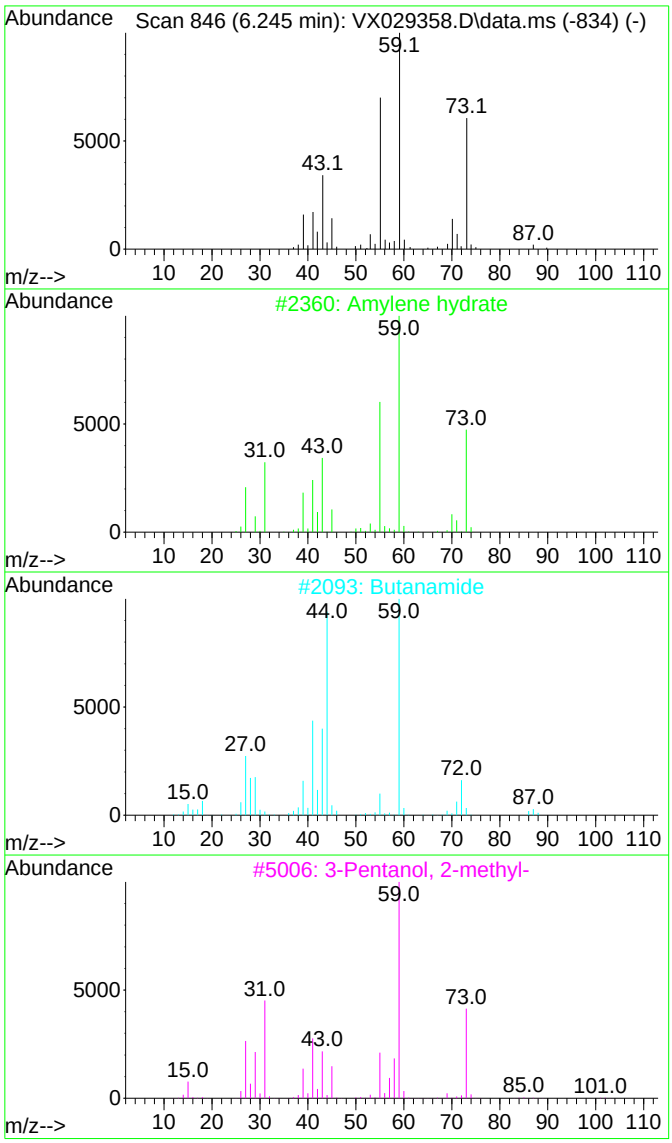
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

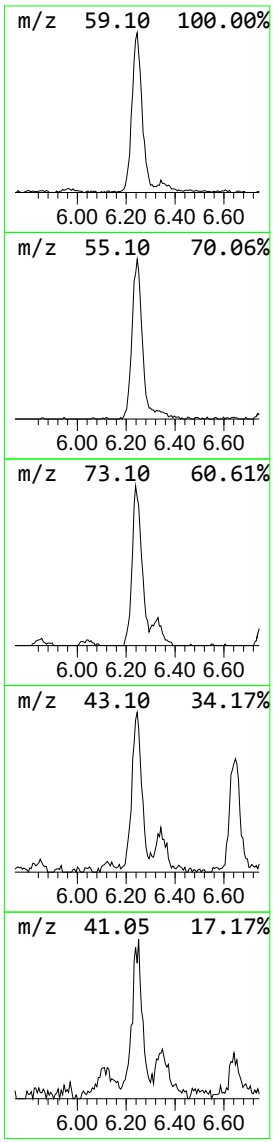
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Amylene hydrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	8.26 ug/l	128808	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	Butanamide	87	C4H9NO	000541-35-5	53
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50
4	3-Hexanol	102	C6H14O	000623-37-0	50
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
Data File : VX029358.D
Acq On : 09 Jun 2022 20:18
Operator : JC/MD
Sample : N3283-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220608036-02-VOA

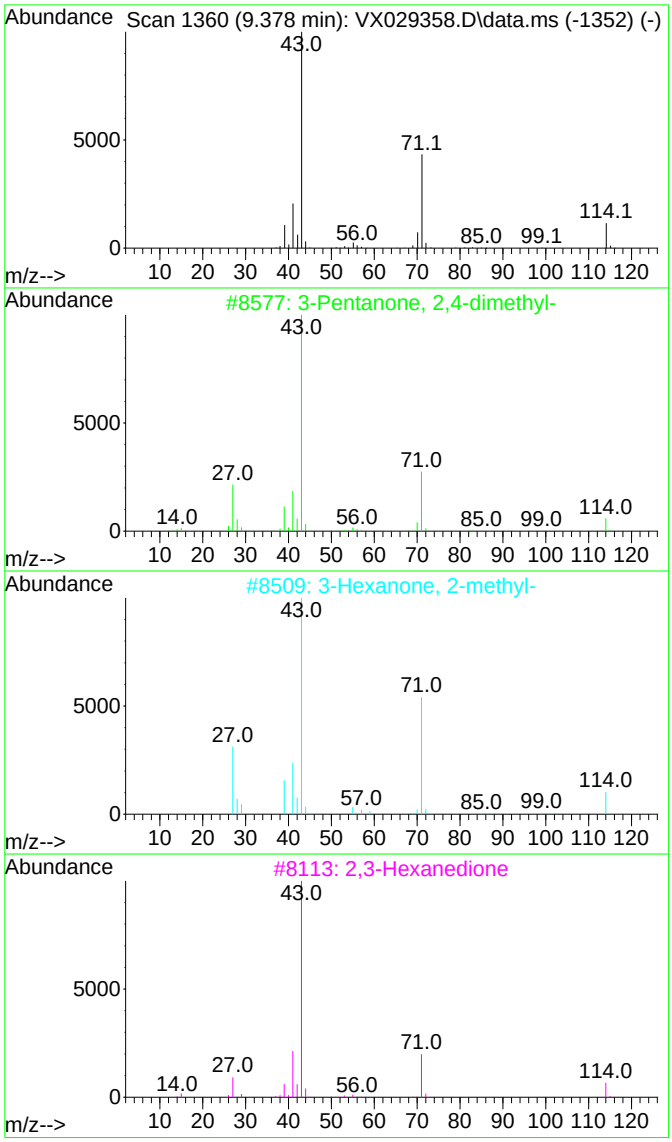
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

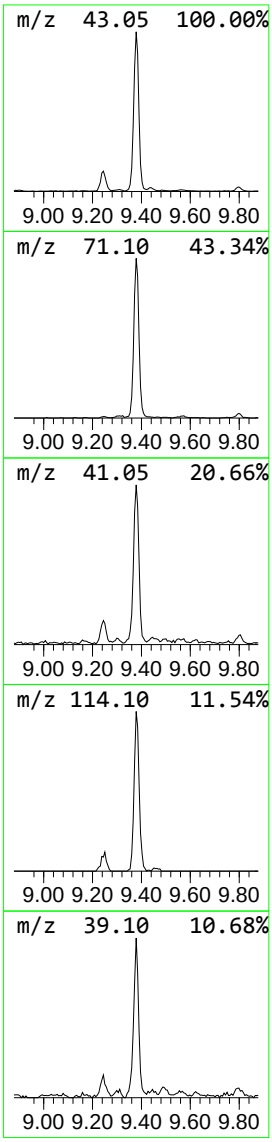
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Pentanone, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.378	12.28 ug/l	272777	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	80
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	72
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	4-Heptanone	114	C7H14O	000123-19-3	59





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220608036-02-VOA

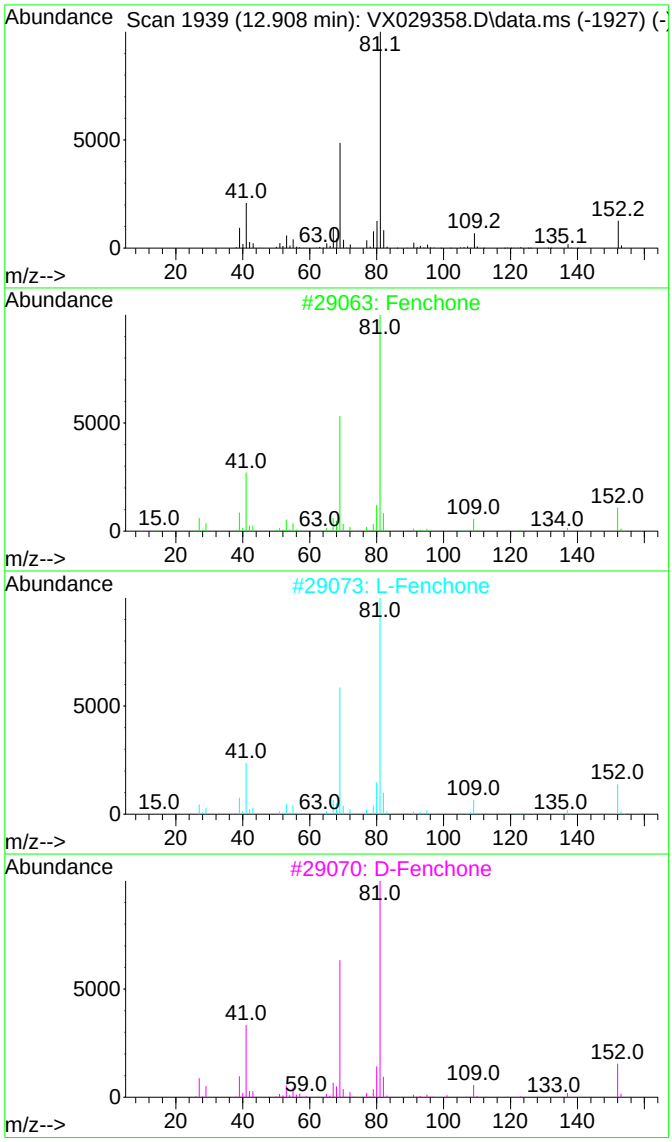
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

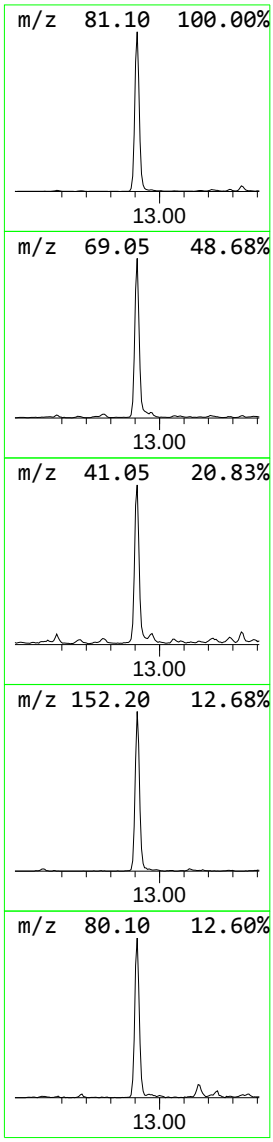
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	45.19 ug/l	1122450	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	L-Fenchone	152	C10H16O	007787-20-4	94
3	D-Fenchone	152	C10H16O	004695-62-9	91
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	45
5	trans-1,4-Cyclohexanediol, bis(p...	408	C12H10F10O4	1000384-30-6	40





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Sample : N3283-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220608036-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

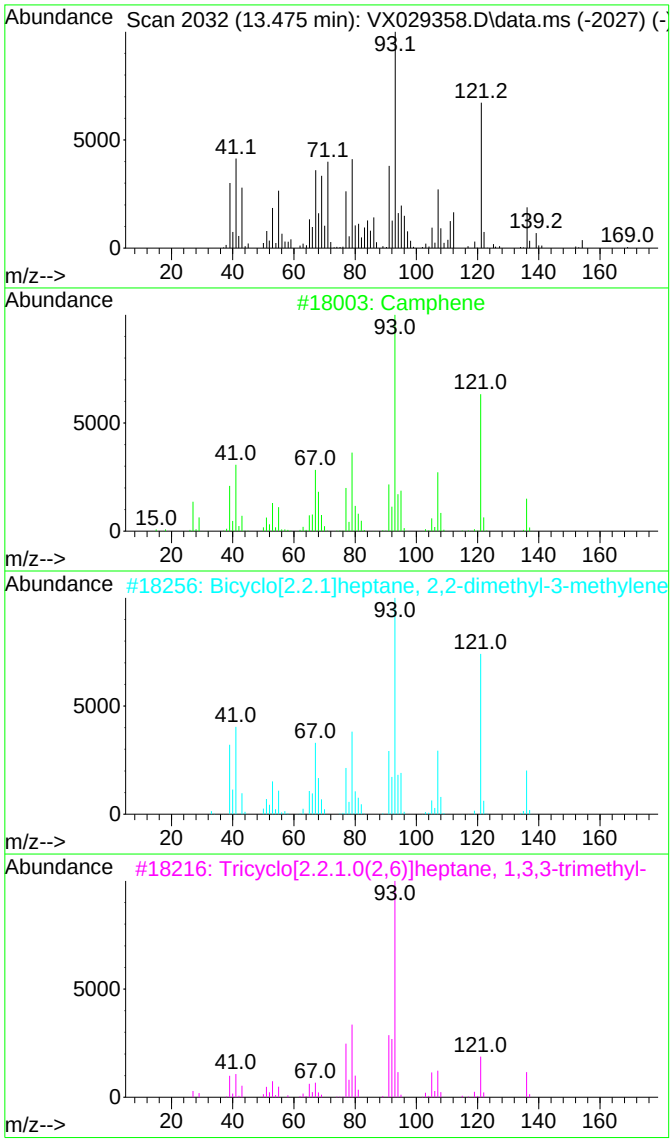
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

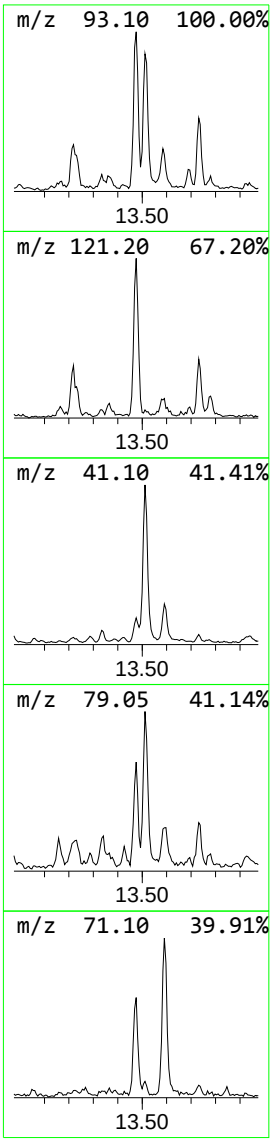
****

Peak Number 6 Camphene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	9.66 ug/l	240057	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	98
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	97
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	55
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	53
5	(+)-4-Carene	136	C10H16	029050-33-7	53





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Instrument :
MSVOA_X
ClientSampleId :
220608036-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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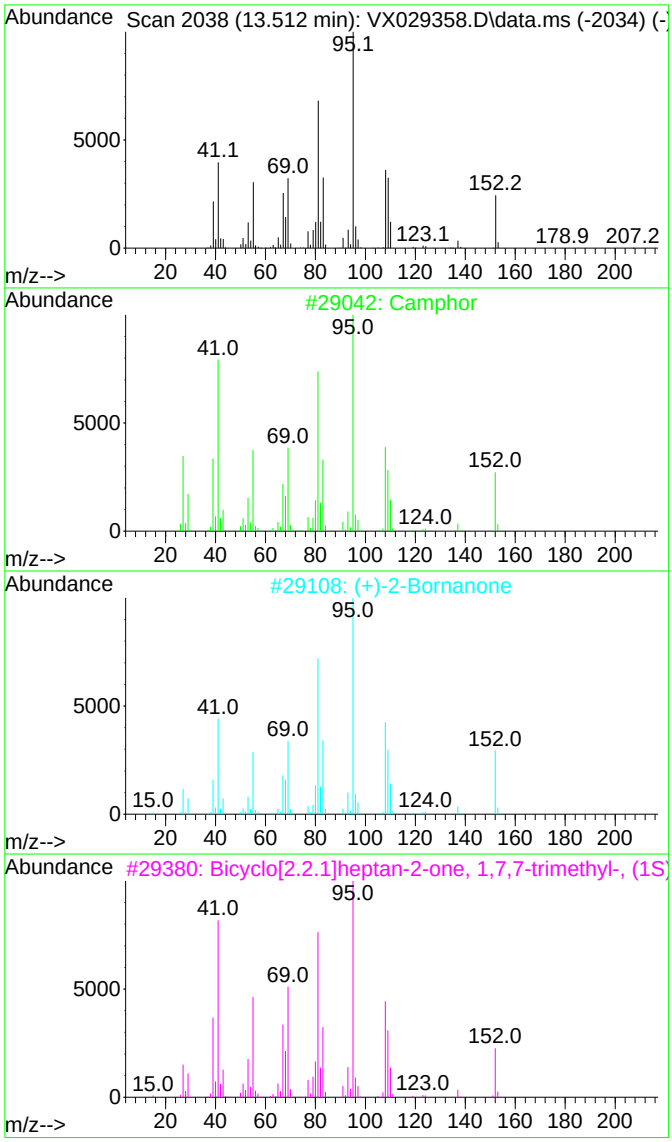
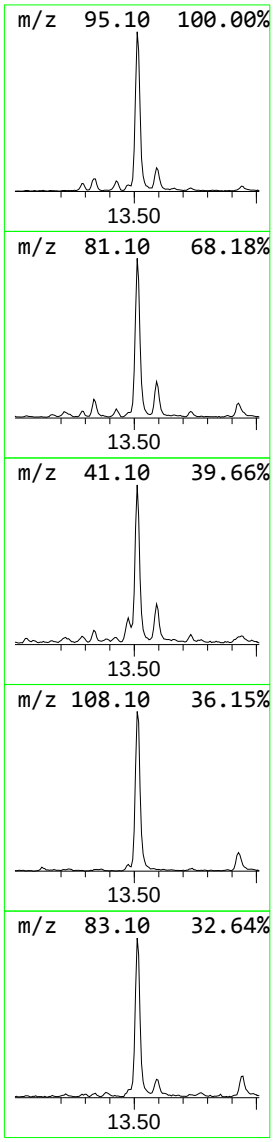
Peak Number 7 Camphor Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	44.48 ug/l	1104900	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	94
4	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	58
5	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	49





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MSVOA_X
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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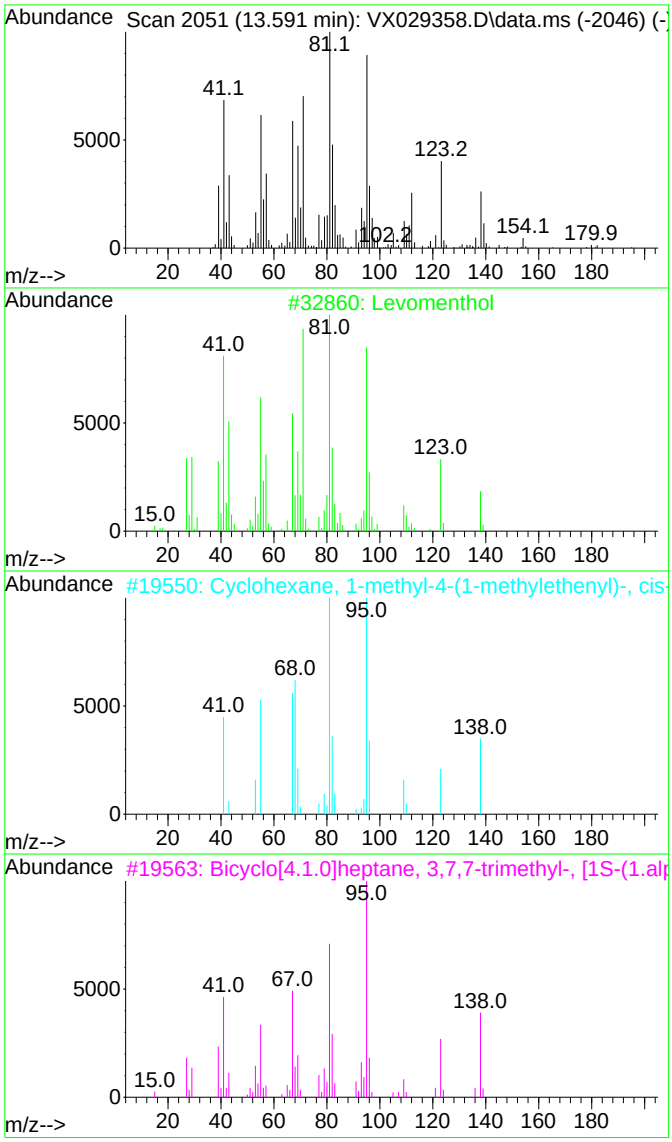
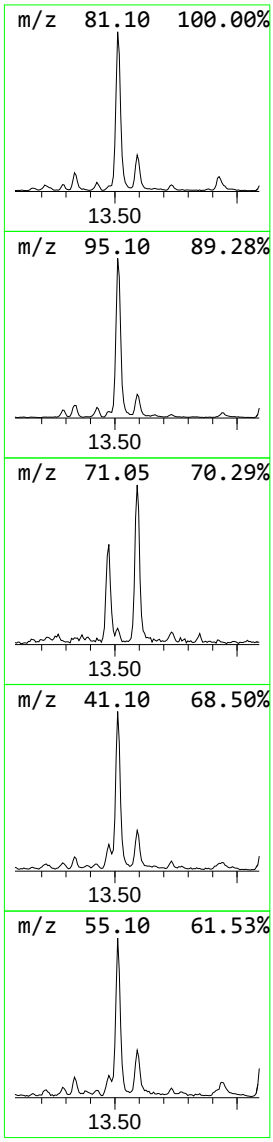
****

Peak Number 8 Levomenthol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	12.70 ug/l	315395	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Levomenthol	156	C10H20O	002216-51-5	72
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	70
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	70
4	(1S)-(+)-Menthyl chloroformate	218	C11H19ClO2	007635-54-3	68
5	L-Menthyl chloroformate	218	C11H19ClO2	014602-86-9	68





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220608036-02-VOA

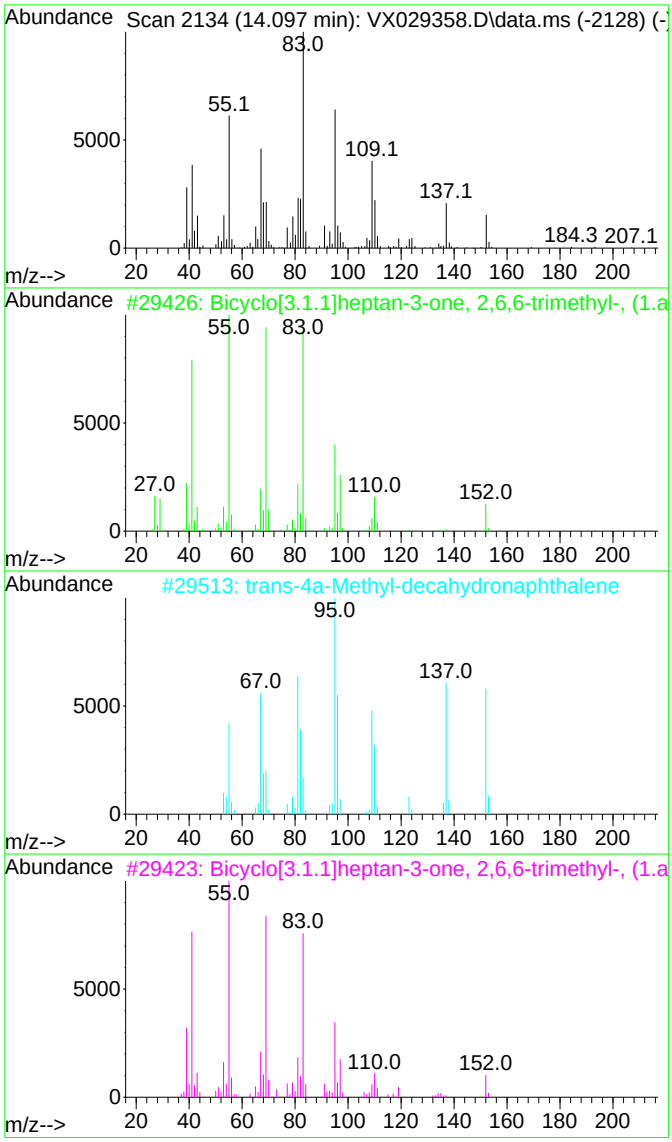
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

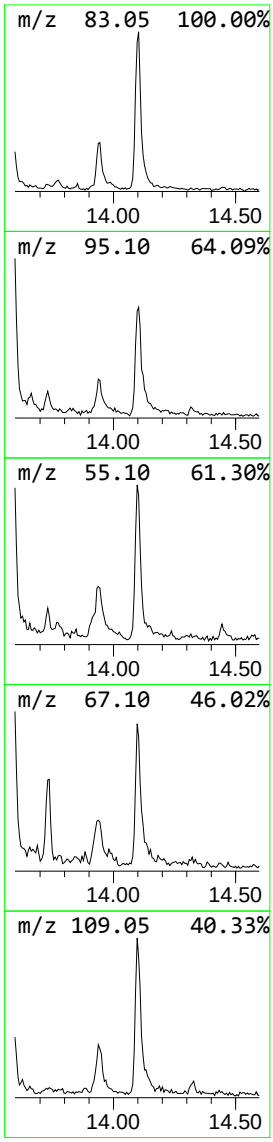
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 trans-4a-Methyl-decahydrona... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	10.59 ug/l	263030	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	58
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	50
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	49
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
Data File : VX029358.D
Acq On : 09 Jun 2022 20:18
Operator : JC/MD
Sample : N3283-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220608036-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.252	20.3	ug/l	253378	1	5.556	624869	50.0
Amylene hydrate	6.245	8.3	ug/l	128808	2	6.763	779334	50.0
3-Pentanone, 2,...	9.378	12.3	ug/l	272777	3	10.055	1110540	50.0
Fenchone	12.908	45.2	ug/l	1122450	4	12.024	1241920	50.0
Camphene	13.475	9.7	ug/l	240057	4	12.024	1241920	50.0
Camphor	13.512	44.5	ug/l	1104900	4	12.024	1241920	50.0
Levomenthol	13.591	12.7	ug/l	315395	4	12.024	1241920	50.0
trans-4a-Methyl...	14.097	10.6	ug/l	263030	4	12.024	1241920	50.0