LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\624X111022W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX032777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.130	155	171	183	rBV3	23561	99742	1.64%	0.676%
2	2.379	205	212	222	rBV	209354	378879	6.21%	2.566%
3	2.971	296	309	326	rBV	647228	1845107	30.26%	12.496%
4	4.586	553	574	588	rBV	1840298	6098395	100.00%	41.303%
5	4.903	618	626	634	rBV3	23387	67186	1.10%	0.455%
6	5.007	634	643	665	rVB2	289138	930626	15.26%	6.303%
7	5.958	788	799	806	rBV	31818	83366	1.37%	0.565%
8	6.763	922	931	944	rVB2	73437	176125	2.89%	1.193%
9	7.226	998	1007	1026	rBV	59284	170630	2.80%	1.156%
10	8.653	1234	1241	1247	rBV	136031	215977	3.54%	1.463%
11	8.720	1247	1252	1258	rVB	57559	89707	1.47%	0.608%
12	9.378	1356	1360	1366	rVB	117107	169099	2.77%	1.145%
13	10.055	1460	1471	1483	rBV	200010	340873	5.59%	2.309%
14	10.195	1489	1494	1501	rBV2	103407	154855	2.54%	1.049%
15	10.299	1507	1511	1519	rVB	91039	134543	2.21%	0.911%
16	10.640	1563	1567	1580	rVB	80549	131525	2.16%	0.891%
17	11.079	1634	1639	1645	rBV	174938	244074	4.00%	1.653%
18	11.890	1767	1772	1780	rVB	49463	71588	1.17%	0.485%
19	12.103	1801	1807	1811	rBV2	89286	136451	2.24%	0.924%
20	12.908	1927	1939	1944	rBV	535166	697803	11.44%	4.726%
21	13.170	1977	1982	1986	rBV	87688	123013	2.02%	0.833%
22	13.475	2027	2032	2034	rBV2	65842	95007	1.56%	0.643%
23	13.512	2034	2038	2044	rVV	772363	978441	16.04%	6.627%
24	13.591	2044	2051	2057	rVV3	169234	270269	4.43%	1.830%
25	13.658	2058	2062	2070	rVV	99430	159538	2.62%	1.081%
26	13.731	2070	2074	2078	rVV	191349	240490	3.94%	1.629%
27	13.774	2078	2081	2087	rVB	387290	486415	7.98%	3.294%
28	14.097	2127	2134	2147	rBV	73522	113880	1.87%	0.771%
29	14.639	2219	2223	2233	rVB	36717	61556	1.01%	0.417%

Sum of corrected areas: 14765160

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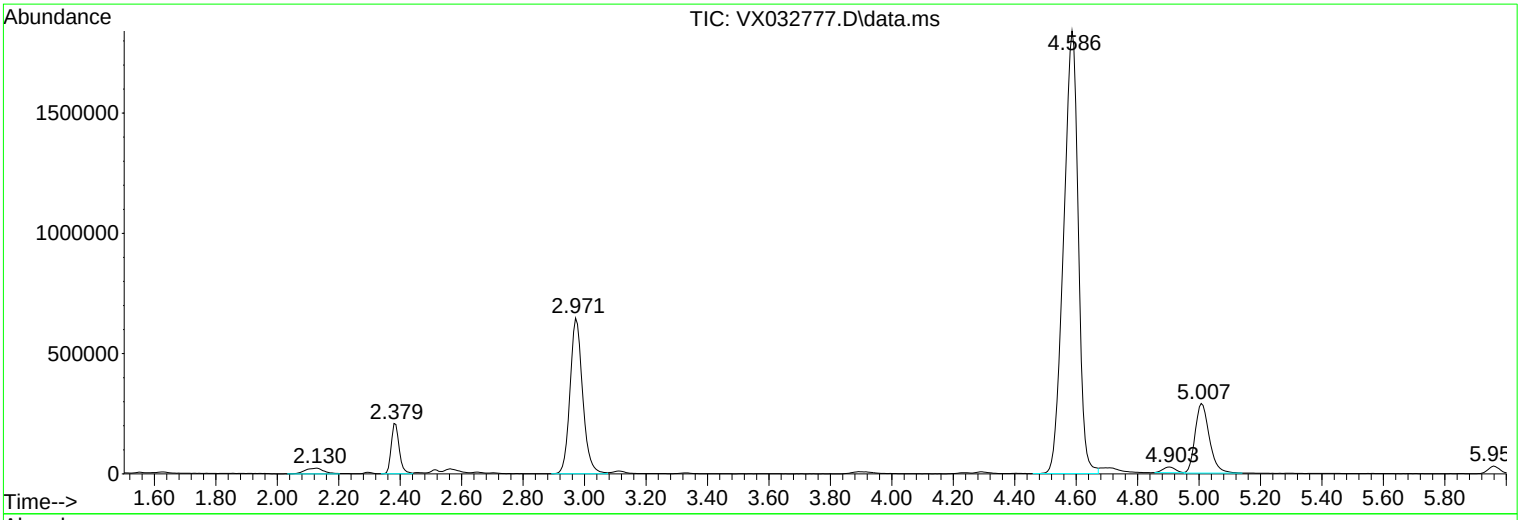
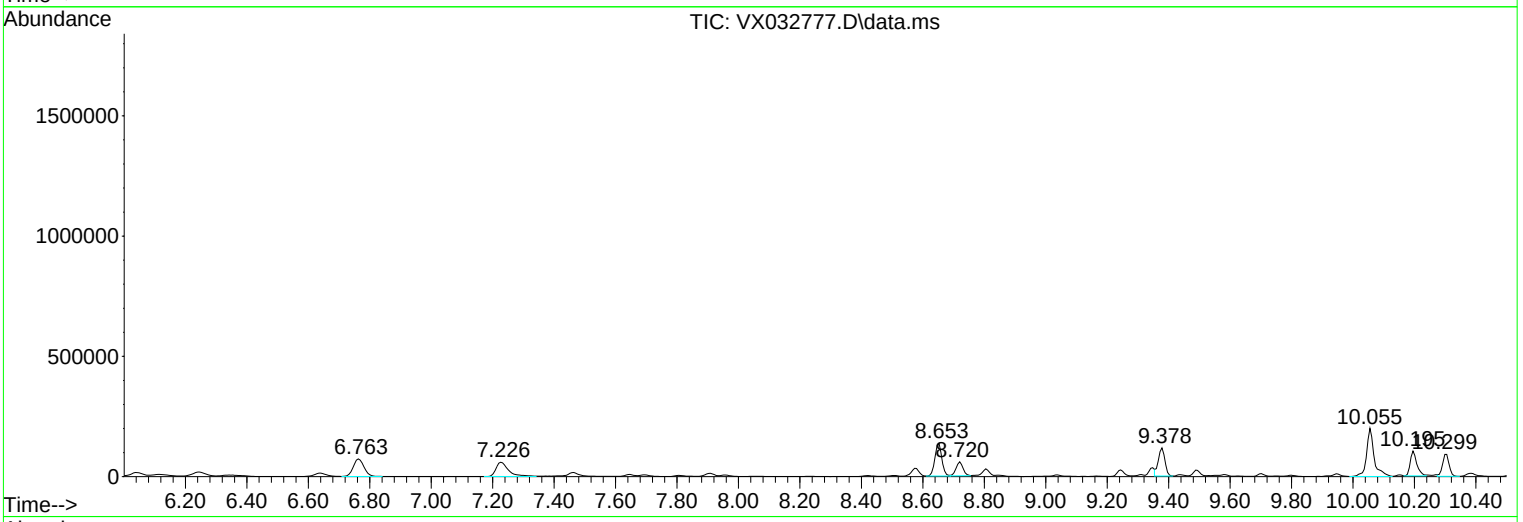
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

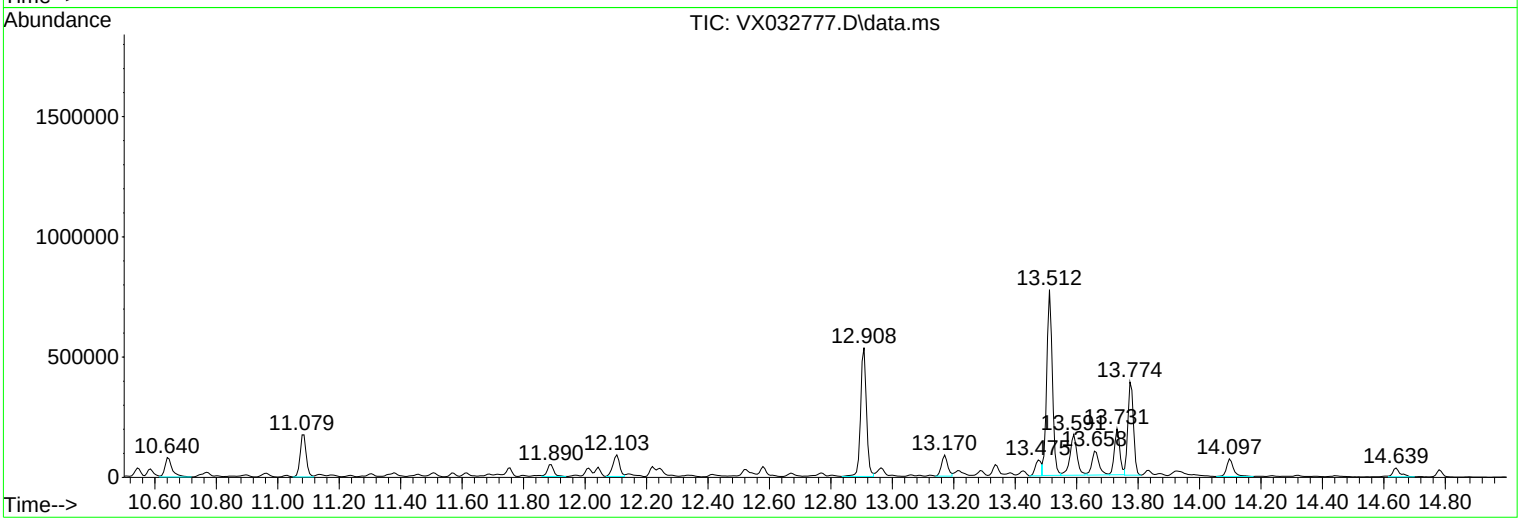
Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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Data File : VX032777.D
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Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

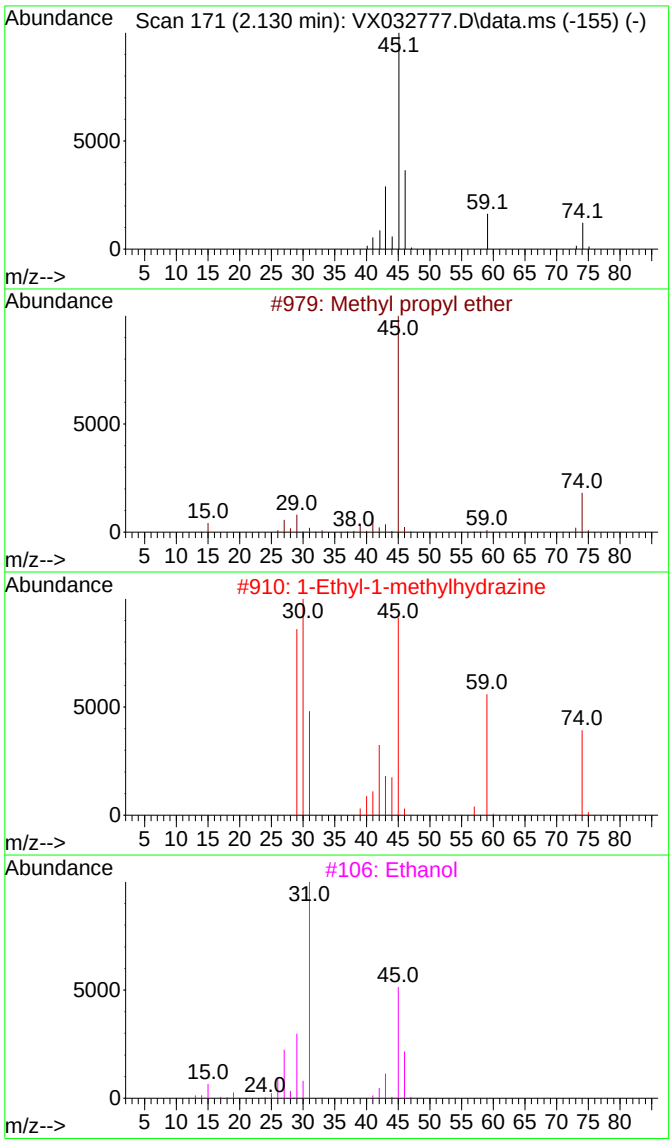
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

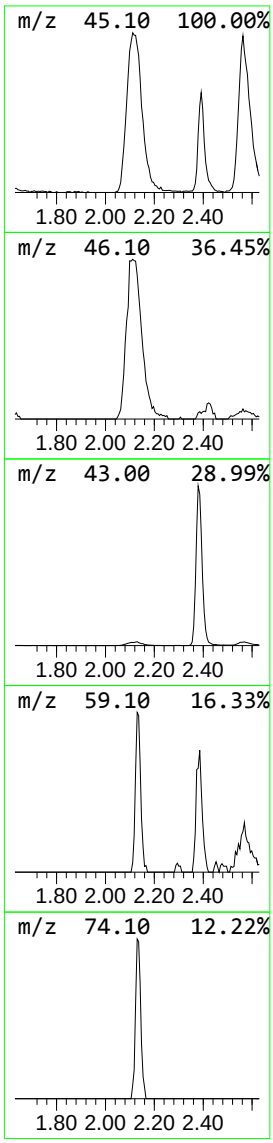
****

Peak Number 1 unknown2.130 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.130	44.54 ug/l	99742	Bromochloromethane	4.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl propyl ether	74	C4H10O	000557-17-5	9
2	1-Ethyl-1-methylhydrazine	74	C3H10N2	004986-48-5	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethyl ether	74	C4H10O	000060-29-7	7
5	Ethanol	46	C2H6O	000064-17-5	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

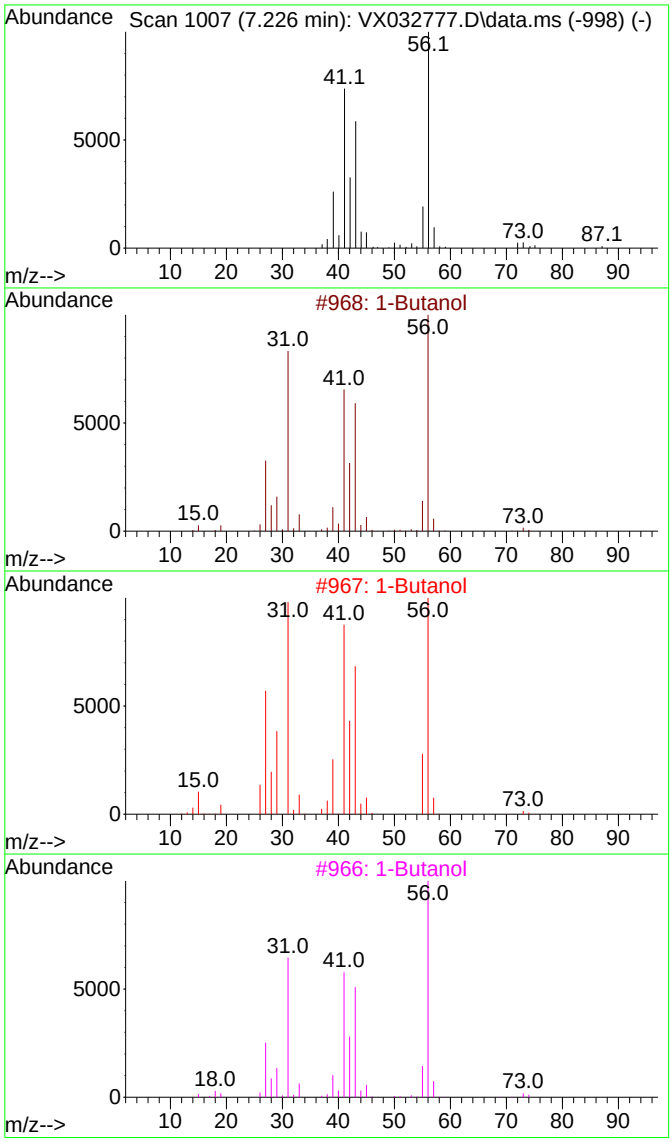
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

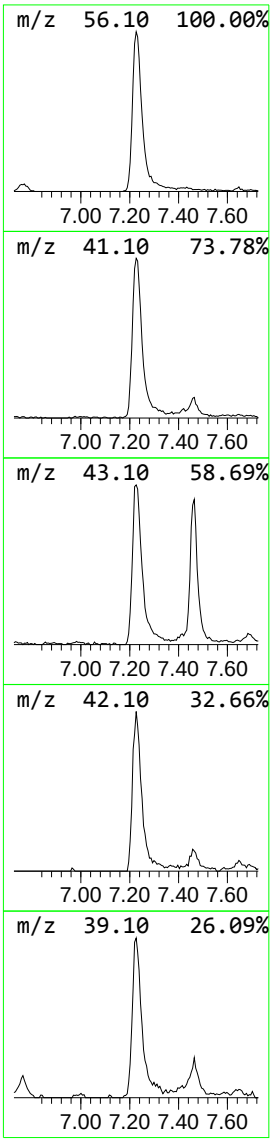
****

Peak Number 3 1-Butanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.226	29.06 ug/l	170630	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	90
2	1-Butanol	74	C4H10O	000071-36-3	86
3	1-Butanol	74	C4H10O	000071-36-3	80
4	1-Butanol	74	C4H10O	000071-36-3	78
5	1-Butanol	74	C4H10O	000071-36-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

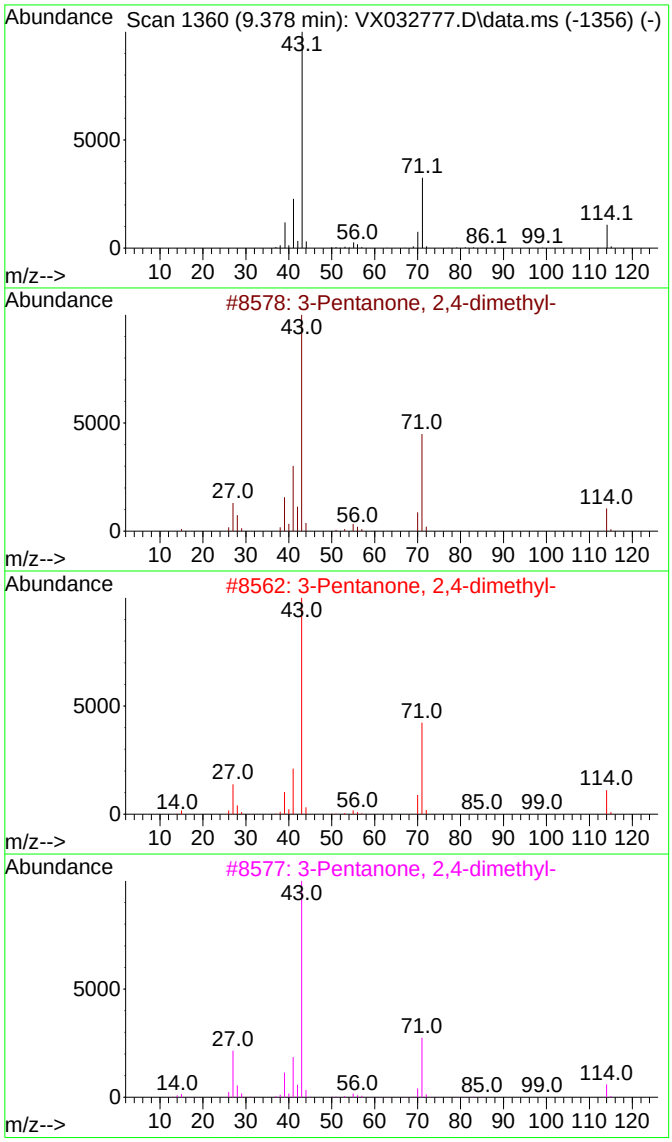
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

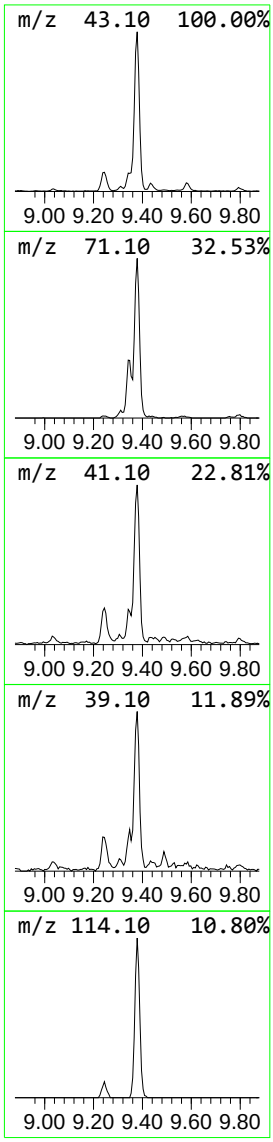
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.378	14.88 ug/l	169099	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-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	78
4	2,3-Hexanedione	114	C6H10O2	003848-24-6	64
5	2,3-Hexanedione	114	C6H10O2	003848-24-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

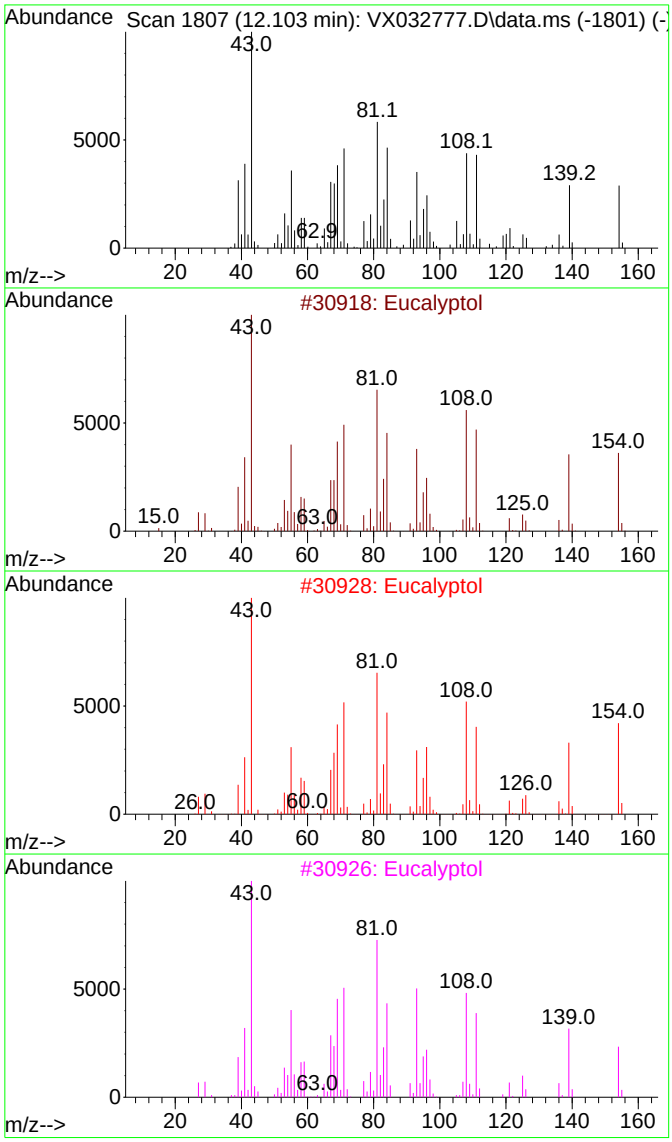
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

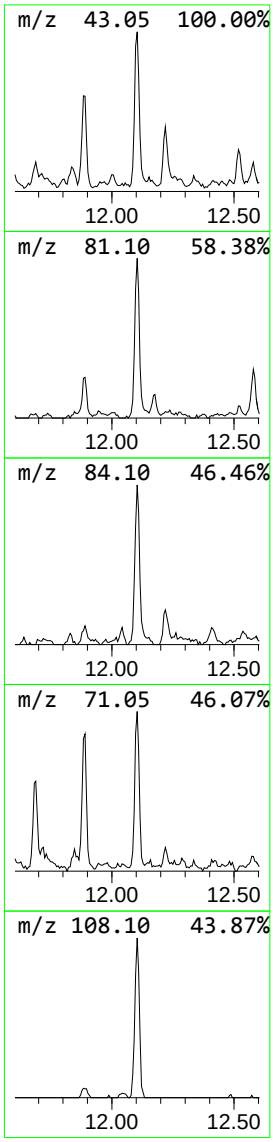
****

Peak Number 5 Eucalyptol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.103	12.01 ug/l	136451	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	97
2	Eucalyptol	154	C10H18O	000470-82-6	94
3	Eucalyptol	154	C10H18O	000470-82-6	91
4	Eucalyptol	154	C10H18O	000470-82-6	87
5	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

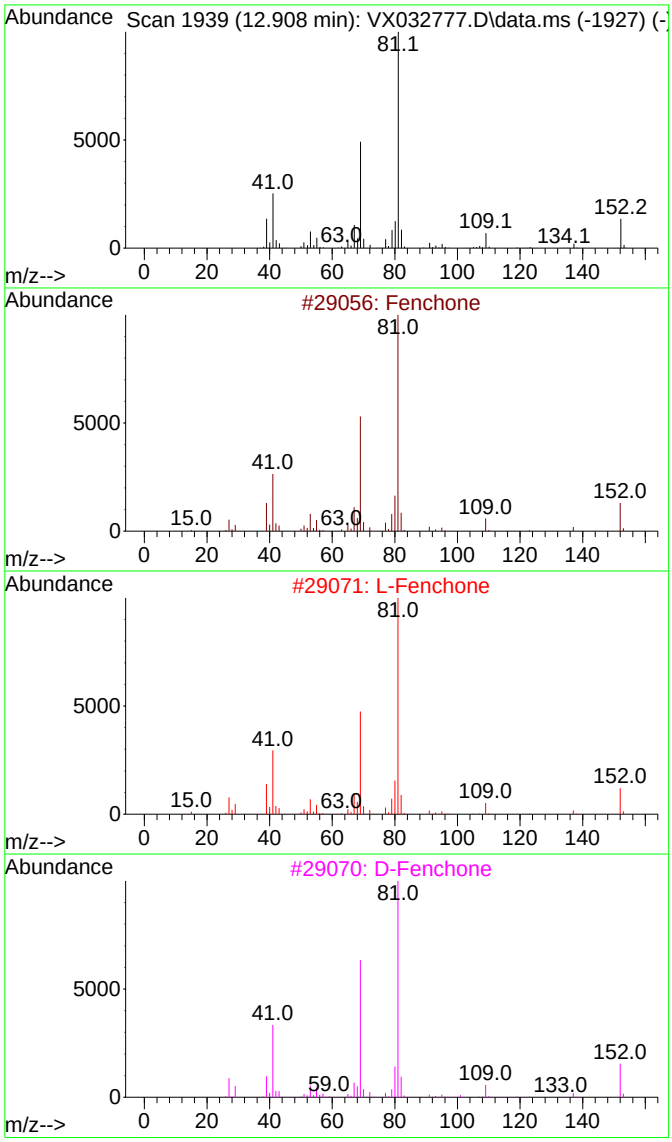
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

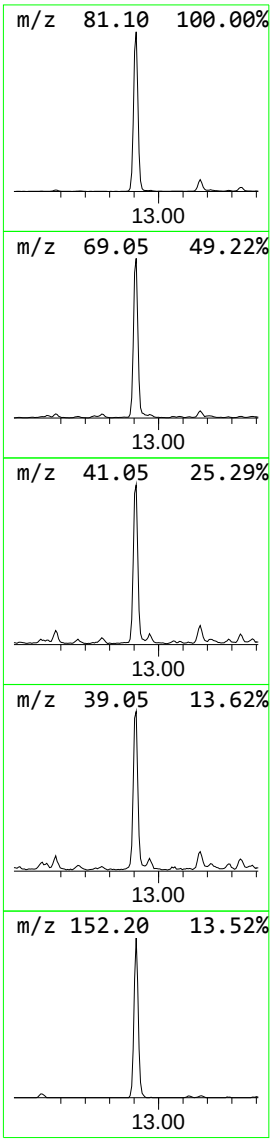
****

Peak Number 6 Fenchone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	61.41 ug/l	697803	Chlorobenzene-d5	10.055

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	95
3	D-Fenchone	152	C10H16O	004695-62-9	91
4	Fenchone	152	C10H16O	001195-79-5	91
5	L-Fenchone	152	C10H16O	007787-20-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

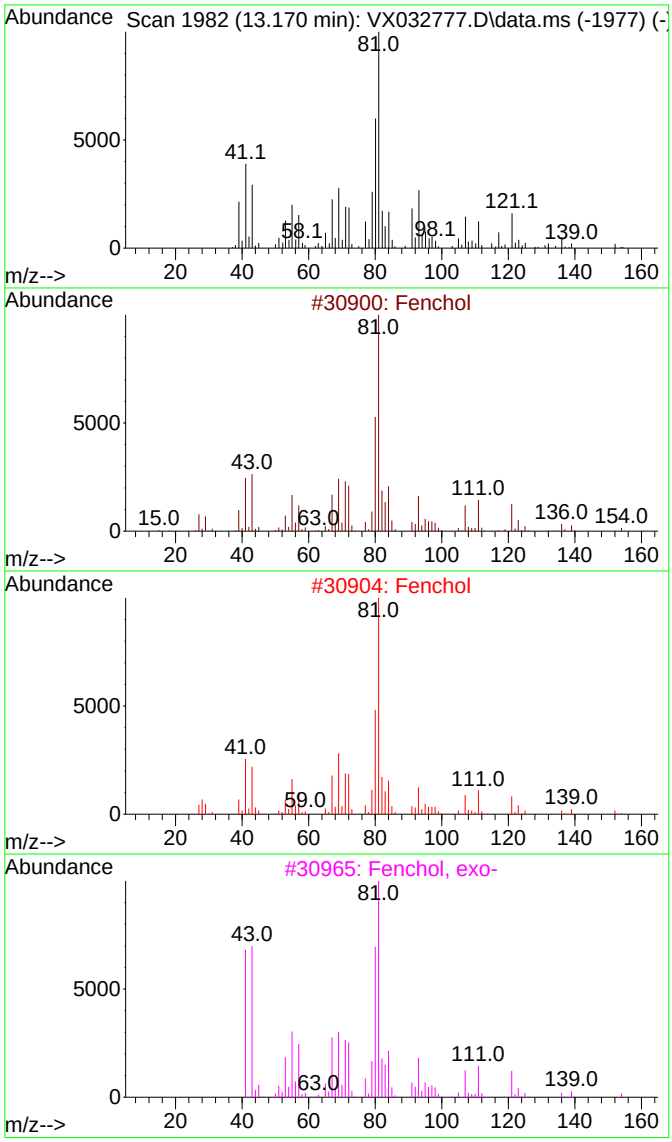
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

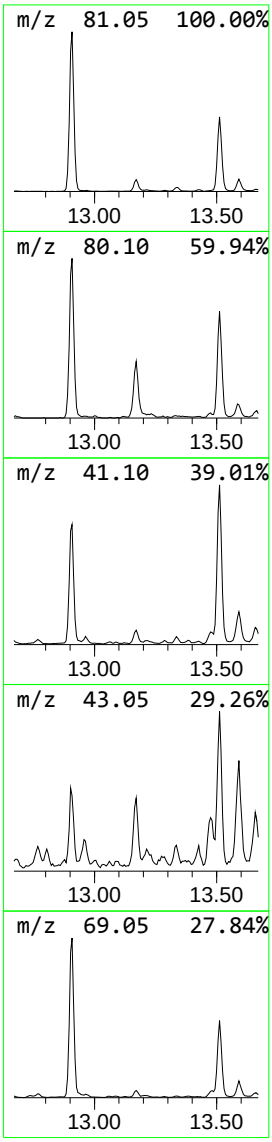
****

Peak Number 7 Fenchol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	10.83 ug/l	123013	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchol	154	C10H18O	001632-73-1	95
2	Fenchol	154	C10H18O	001632-73-1	95
3	Fenchol, exo-	154	C10H18O	022627-95-8	95
4	Fenchol	154	C10H18O	001632-73-1	74
5	Fenchol	154	C10H18O	001632-73-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

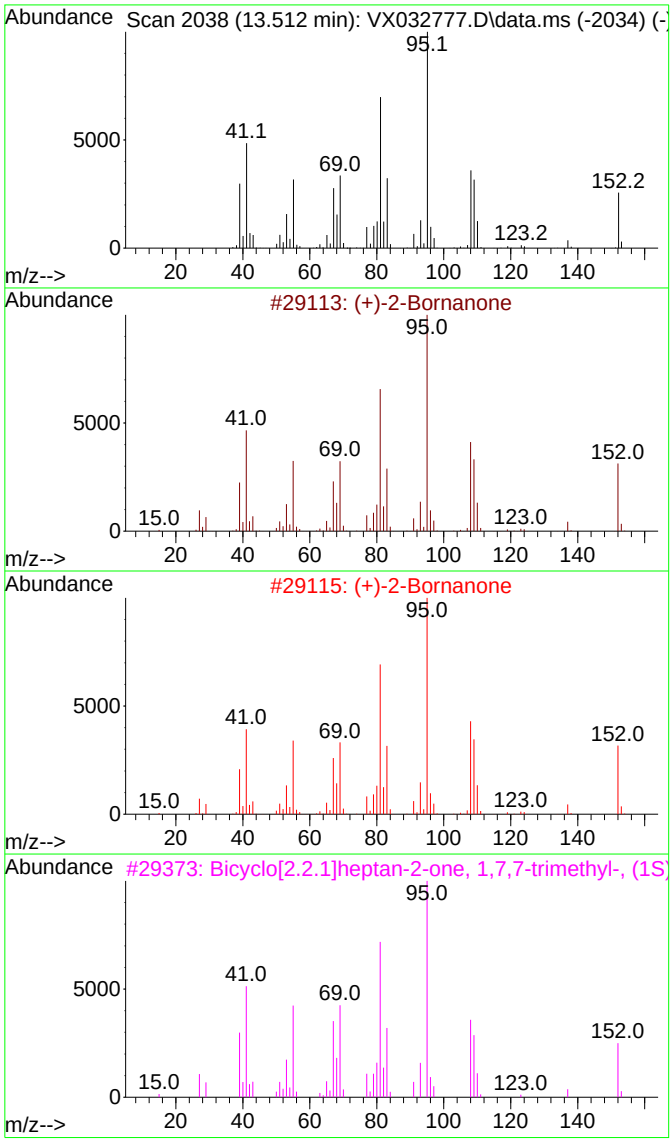
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

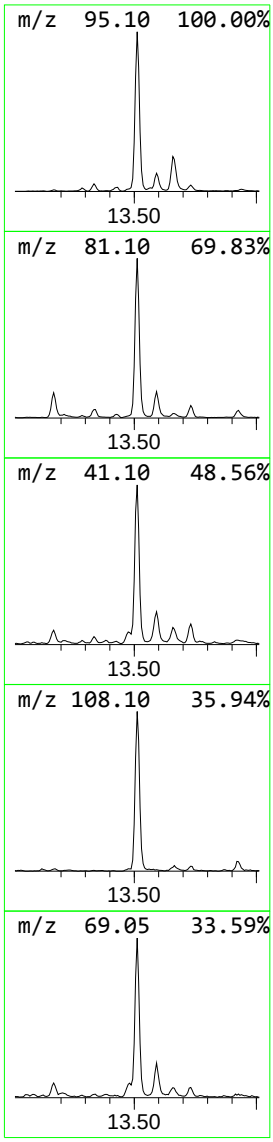
****

Peak Number 8 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	86.11 ug/l	978441	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
4	Camphor	152	C10H16O	000076-22-2	98
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	97





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

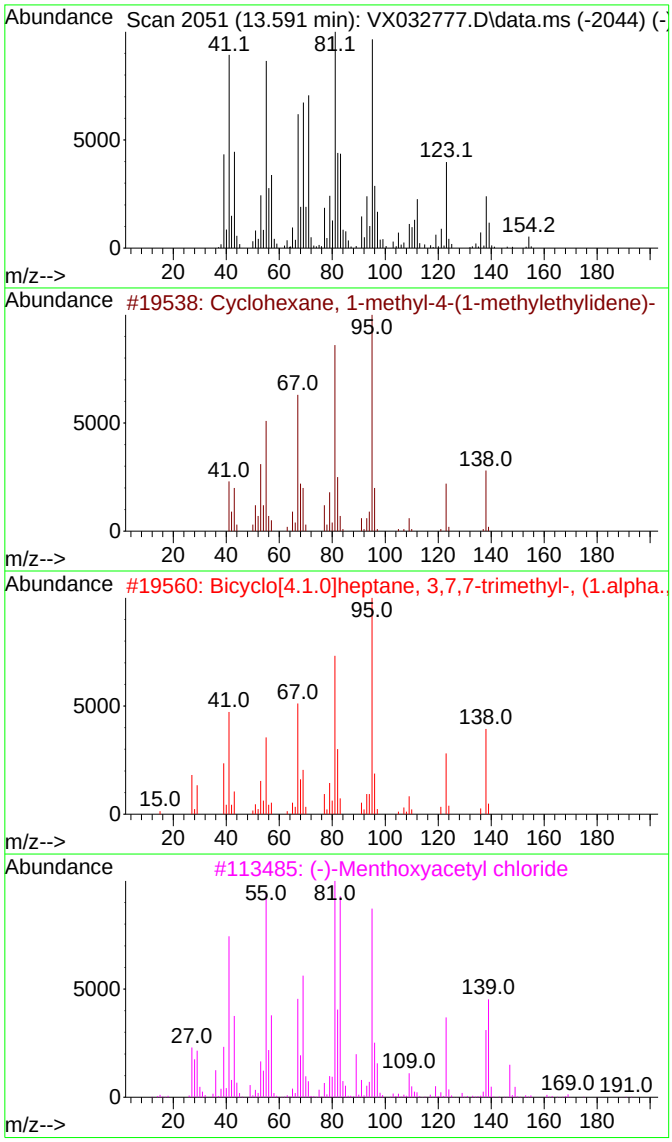
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

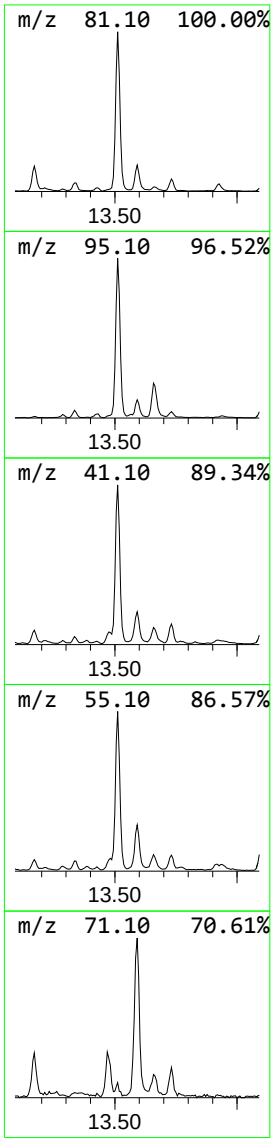
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	23.79 ug/l	270269	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	64
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	62
3	(-)-Menthoxyacetyl chloride	232	C12H21ClO2	015356-62-4	62
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	62
5	(1S)-(+)-Menthyl chloroformate	218	C11H19ClO2	007635-54-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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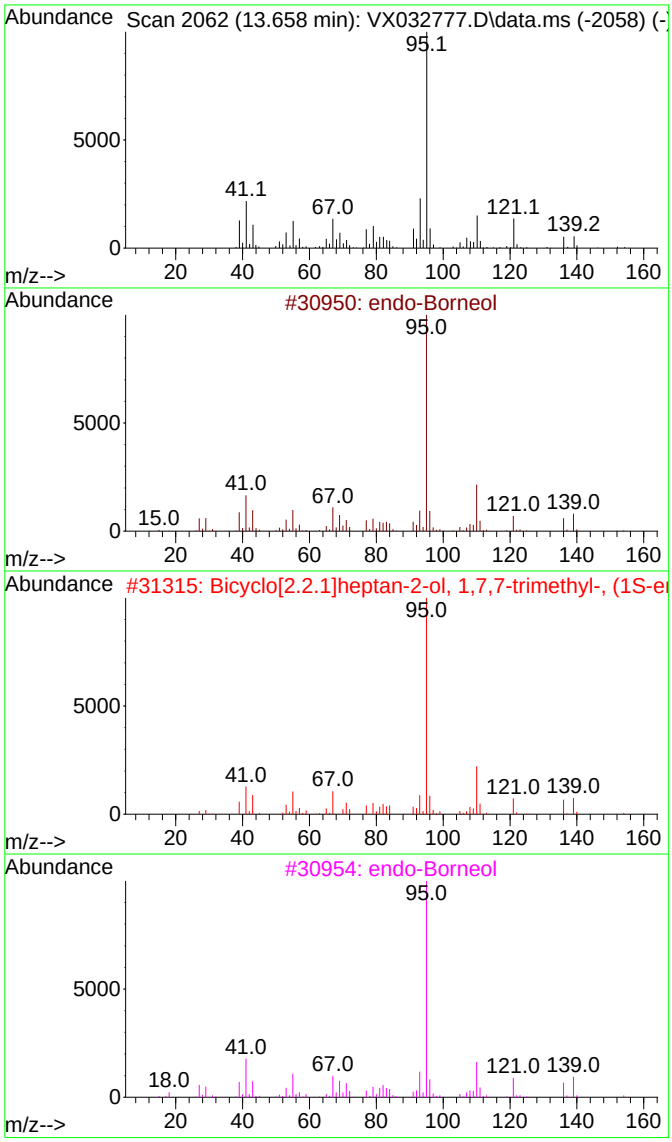
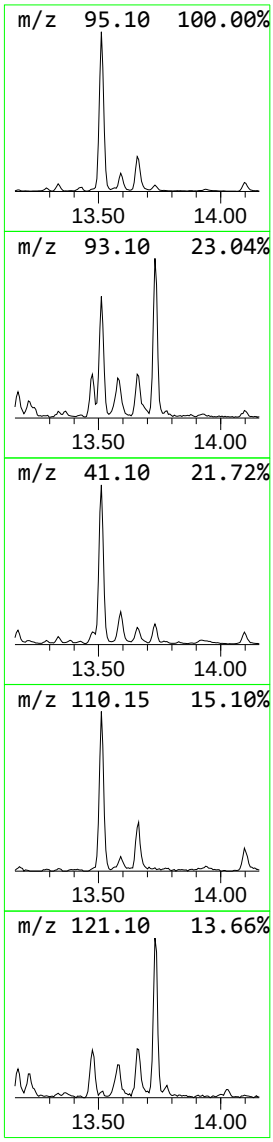
Peak Number 10 endo-Borneol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.658	14.04 ug/l	159538	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	81
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	76
3	endo-Borneol	154	C10H18O	000507-70-0	74
4	Isoborneol	154	C10H18O	000124-76-5	64
5	endo-Borneol	154	C10H18O	000507-70-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.130	2.130	44.5	ug/l	99742	1	4.903	67186	30.0
1-Butanol	7.226	29.1	ug/l	170630	2	6.763	176125	30.0
3-Pentanone, 2,...	9.378	14.9	ug/l	169099	3	10.055	340873	30.0
Eucalyptol	12.103	12.0	ug/l	136451	3	10.055	340873	30.0
Fenchone	12.908	61.4	ug/l	697803	3	10.055	340873	30.0
Fenchol	13.170	10.8	ug/l	123013	3	10.055	340873	30.0
(+)-2-Bornanone	13.512	86.1	ug/l	978441	3	10.055	340873	30.0
Cyclohexane, 1-...	13.591	23.8	ug/l	270269	3	10.055	340873	30.0
endo-Borneol	13.658	14.0	ug/l	159538	3	10.055	340873	30.0