LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
Sample : N1583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-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\624X021822W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX027108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.392	207	214	231	rBV3	15936	57769	2.13%	0.662%
2	2.958	297	307	326	rBV	988764	2187017	80.67%	25.049%
3	4.580	553	573	586	rBV	841239	2711145	100.00%	31.052%
4	4.903	617	626	633	rBV2	27889	79452	2.93%	0.910%
5	5.007	633	643	664	rVB	267730	827492	30.52%	9.478%
6	5.958	790	799	808	rBV	28617	76315	2.81%	0.874%
7	6.232	832	844	854	rBV3	20316	58388	2.15%	0.669%
8	6.763	921	931	944	rVB	68692	162521	5.99%	1.861%
9	8.573	1220	1228	1234	rBV2	20677	41320	1.52%	0.473%
10	8.653	1234	1241	1247	rBV	140569	218786	8.07%	2.506%
11	8.720	1247	1252	1261	rVB2	23871	41674	1.54%	0.477%
12	8.805	1261	1266	1271	rBV	29088	47138	1.74%	0.540%
13	9.378	1352	1360	1366	rBV	95968	140011	5.16%	1.604%
14	10.055	1460	1471	1476	rBV	144760	220061	8.12%	2.520%
15	10.305	1507	1512	1518	rVB	51175	76353	2.82%	0.875%
16	10.384	1518	1525	1535	rVB2	13797	27430	1.01%	0.314%
17	10.646	1563	1568	1572	rBV	42695	58656	2.16%	0.672%
18	11.085	1634	1640	1645	rBV	108306	151163	5.58%	1.731%
19	11.890	1762	1772	1782	rBV2	36753	57914	2.14%	0.663%
20	12.042	1794	1797	1801	rVB	27594	33238	1.23%	0.381%
21	12.103	1801	1807	1811	rBV2	40065	67276	2.48%	0.771%
22	12.243	1824	1830	1836	rBV	21731	33929	1.25%	0.389%
23	12.524	1872	1876	1882	rBV4	13267	30672	1.13%	0.351%
24	12.579	1882	1885	1889	rVB	32718	38974	1.44%	0.446%
25	12.768	1909	1916	1920	rBV	85301	116349	4.29%	1.333%
26	12.908	1927	1939	1944	rBV	466527	616183	22.73%	7.057%
27	12.969	1944	1949	1953	rVB2	26801	43775	1.61%	0.501%
28	13.292	1996	2002	2006	rBV5	18127	28095	1.04%	0.322%
29	13.475	2027	2032	2045	rBV2	82810	135413	4.99%	1.551%
30	13.591	2045	2051	2061	rBV2	128150	214792	7.92%	2.460%
31	13.774	2077	2081	2089	rVB	73636	102157	3.77%	1.170%
32	13.926	2101	2106	2111	rBV3	16833	29514	1.09%	0.338%

Sum of corrected areas: 8730972

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
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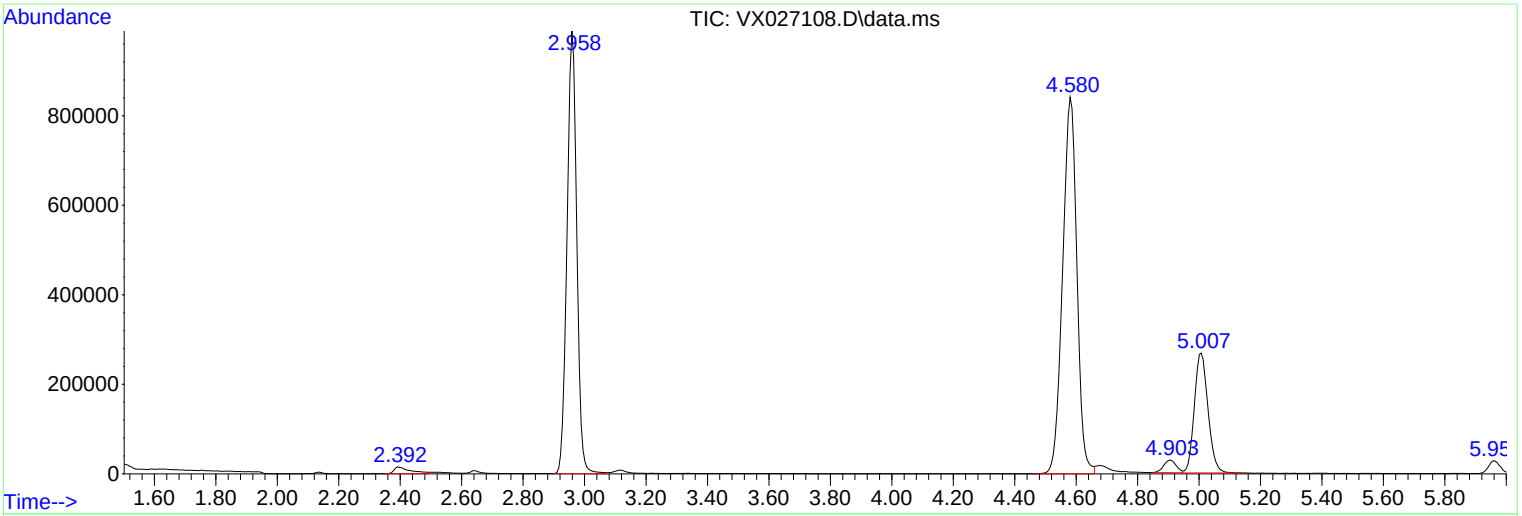
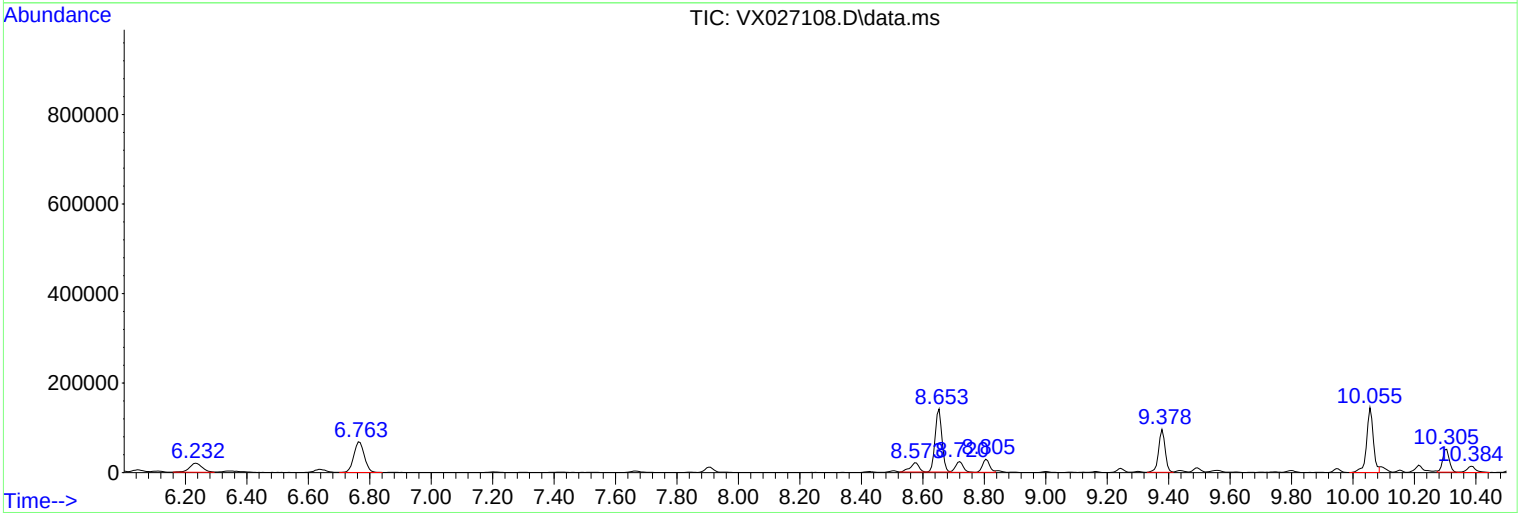
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

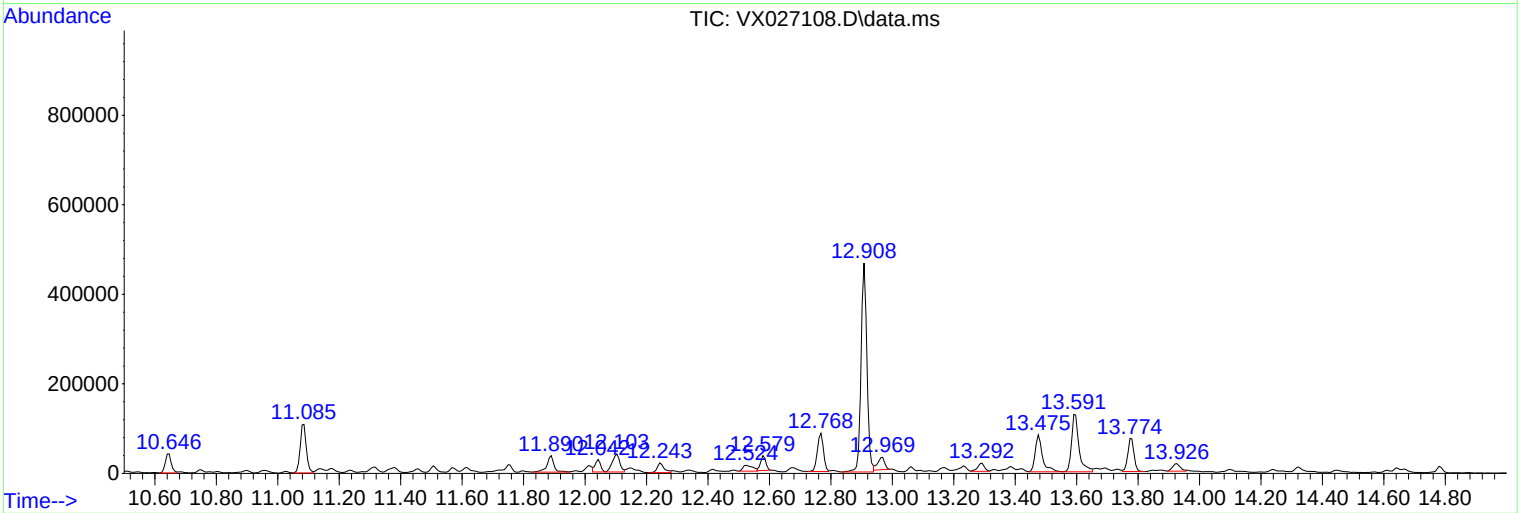
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.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 : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
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220216018-02-VOA

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

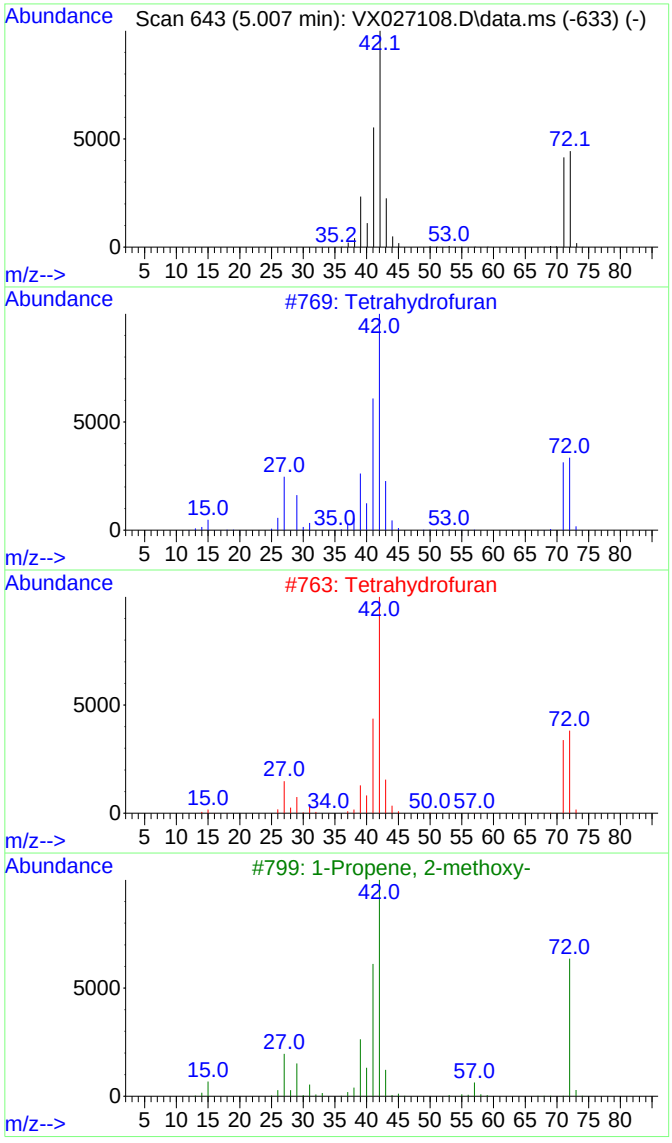
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

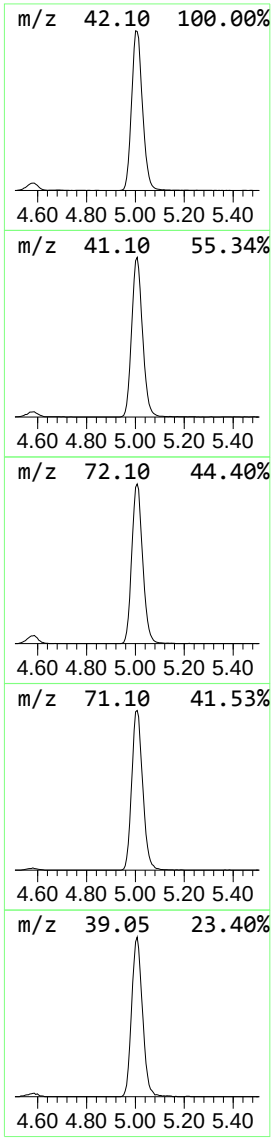
****

Peak Number 1 Tetrahydrofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.007	312.45 ug/l	827492	Bromochloromethane	4.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran	72	C4H8O	000109-99-9	91
2	Tetrahydrofuran	72	C4H8O	000109-99-9	90
3	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	58
5	Isobutylene epoxide	72	C4H8O	000558-30-5	43





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Data File : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

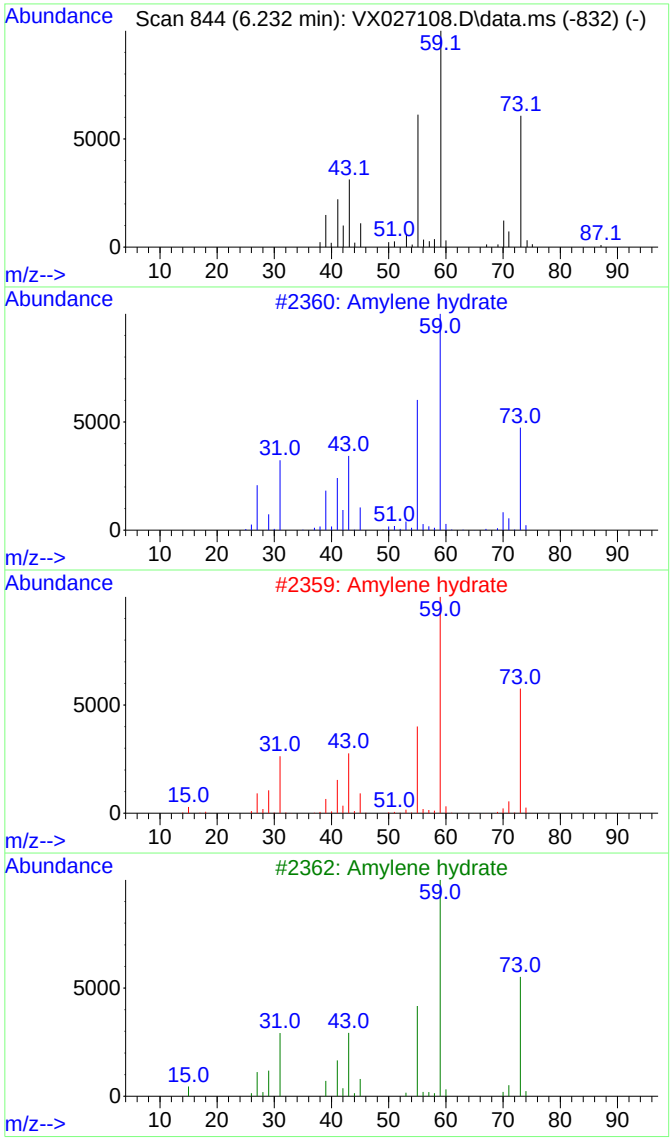
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

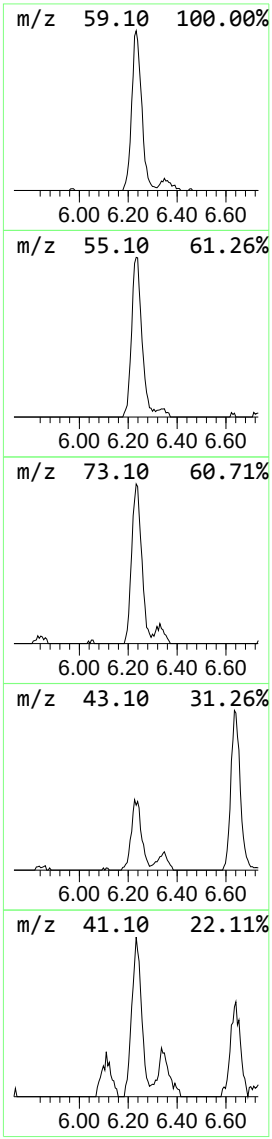
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Amylene hydrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.232	10.78 ug/l	58388	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	83
2	Amylene hydrate	88	C5H12O	000075-85-4	72
3	Amylene hydrate	88	C5H12O	000075-85-4	72
4	Amylene hydrate	88	C5H12O	000075-85-4	64
5	Amylene hydrate	88	C5H12O	000075-85-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

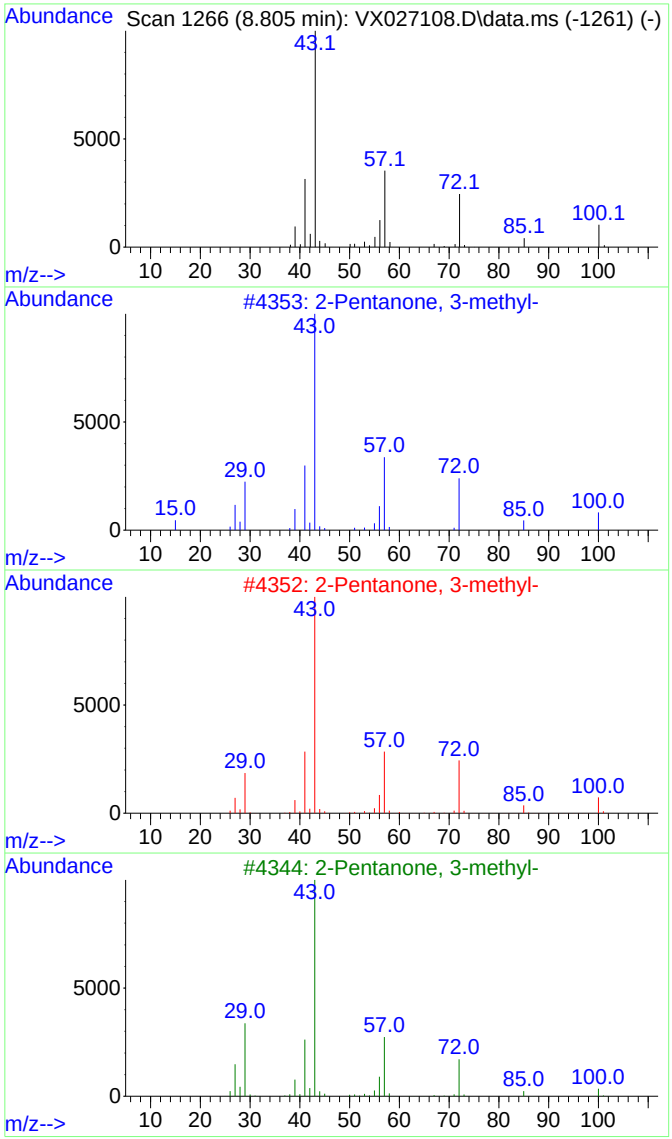
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

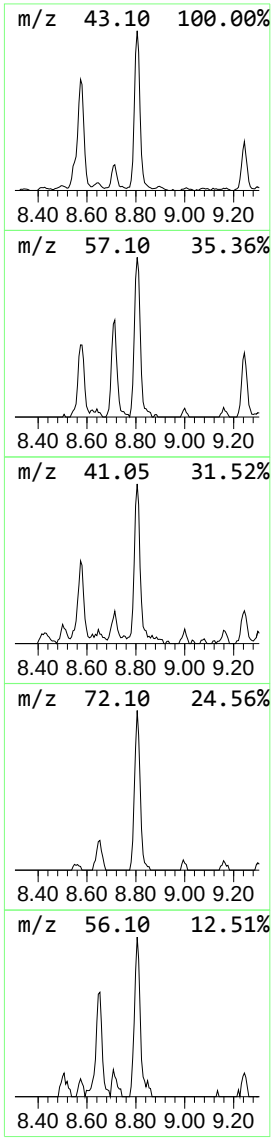
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.805	6.43 ug/l	47138	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	91
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	87
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	72
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	72
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
Sample : N1583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

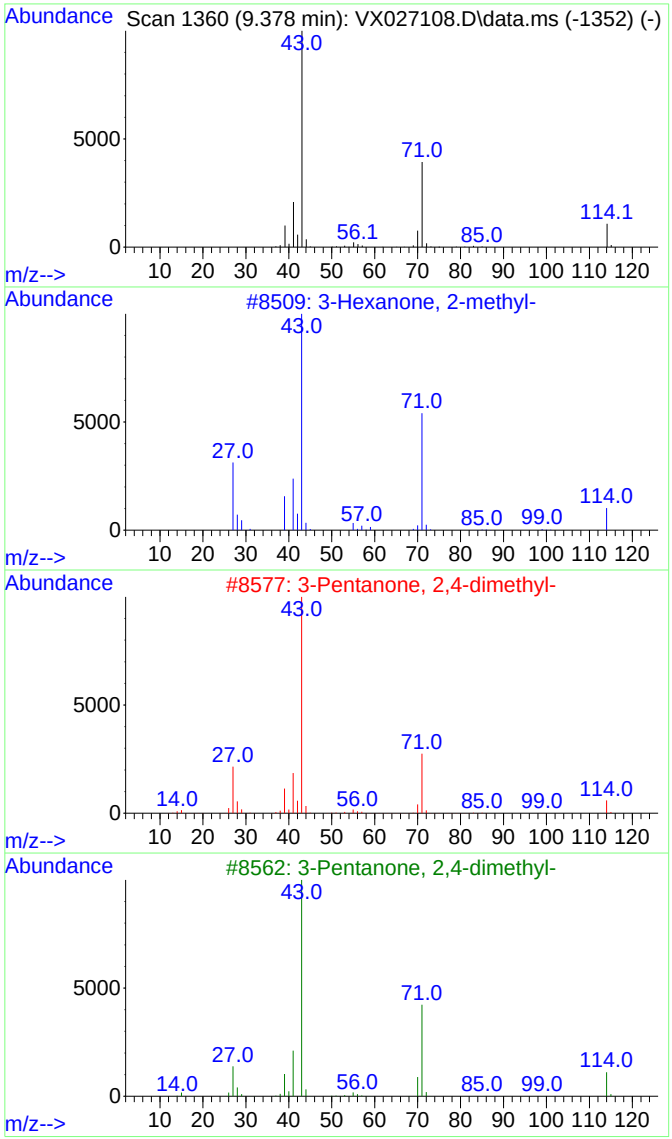
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

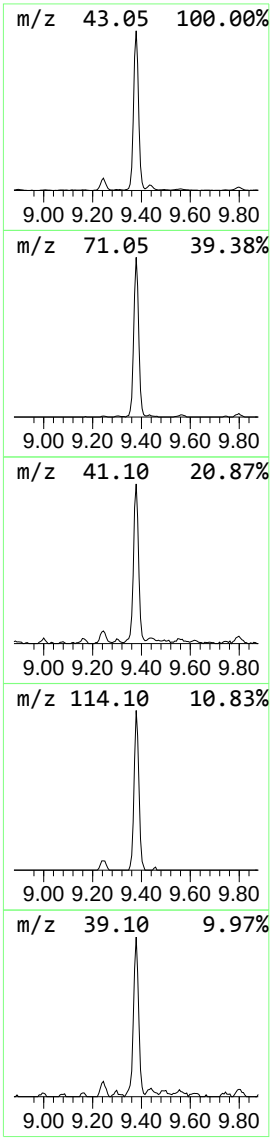
****

Peak Number 4 3-Hexanone, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.378	19.09 ug/l	140011	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	86
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	72
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
Sample : N1583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

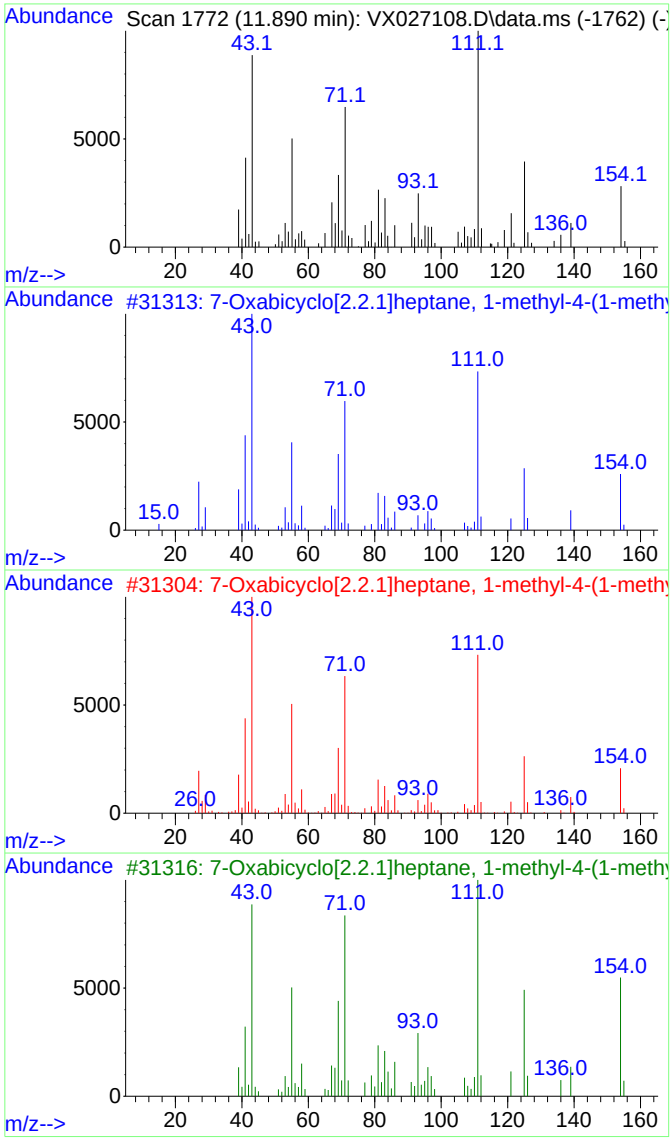
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

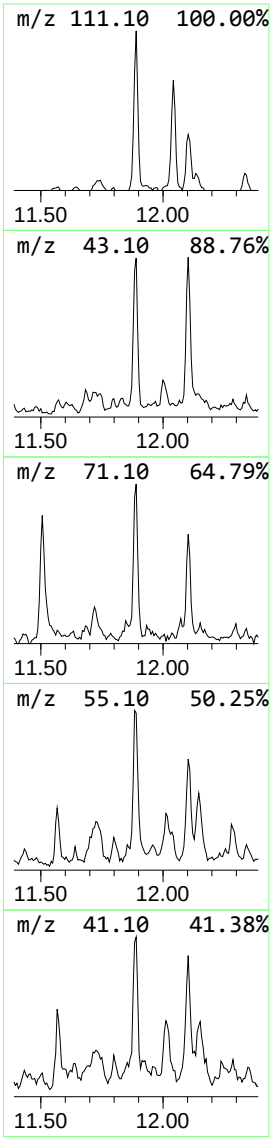
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	7.90 ug/l	57914	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	90
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	80
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	76
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	68





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

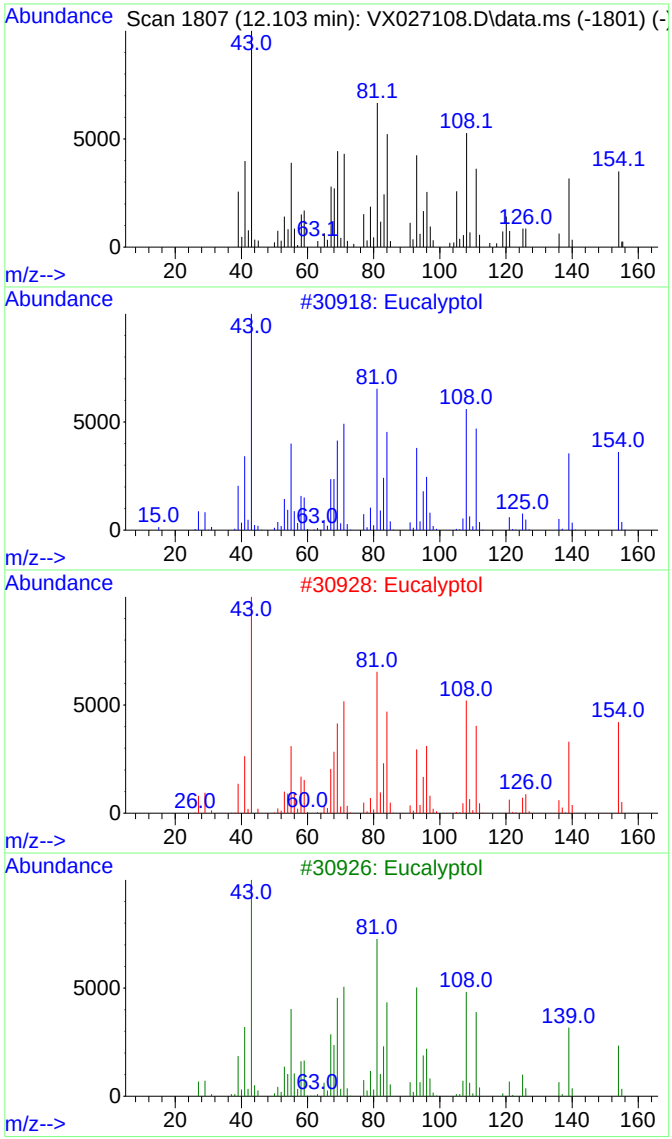
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

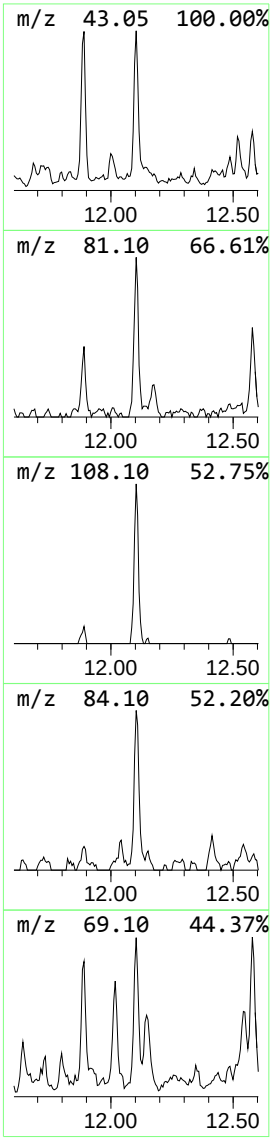
****

Peak Number 6 Eucalyptol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.103	9.17 ug/l	67276	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Eucalyptol	154	C10H18O	000470-82-6	98
3	Eucalyptol	154	C10H18O	000470-82-6	96
4	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	81
5	Eucalyptol	154	C10H18O	000470-82-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
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Operator : JC/MD
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

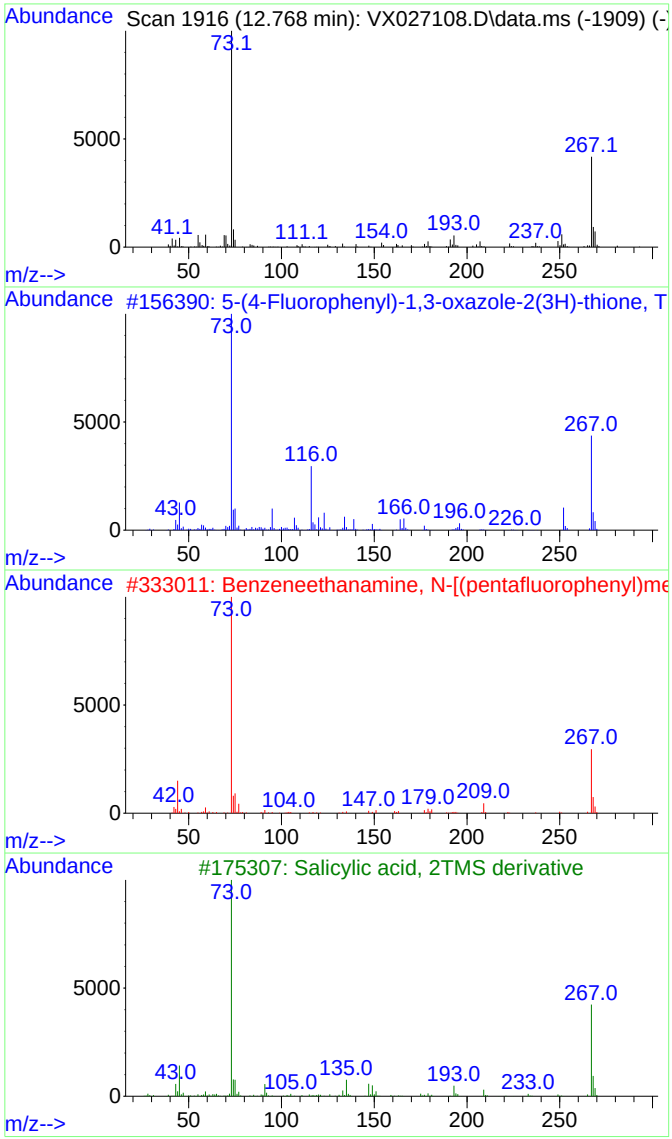
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

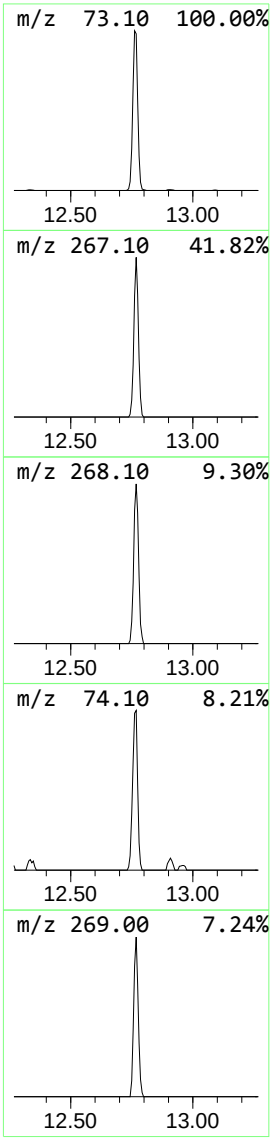
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5-(4-Fluorophenyl)-1,3-oxaz... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.768	15.86 ug/l	116349	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	59
2	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	59
3	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	56
4	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	49
5	Benzeneethanamine, N-methyl-.bet...	311	C15H29NO2Si2	029522-18-7	45





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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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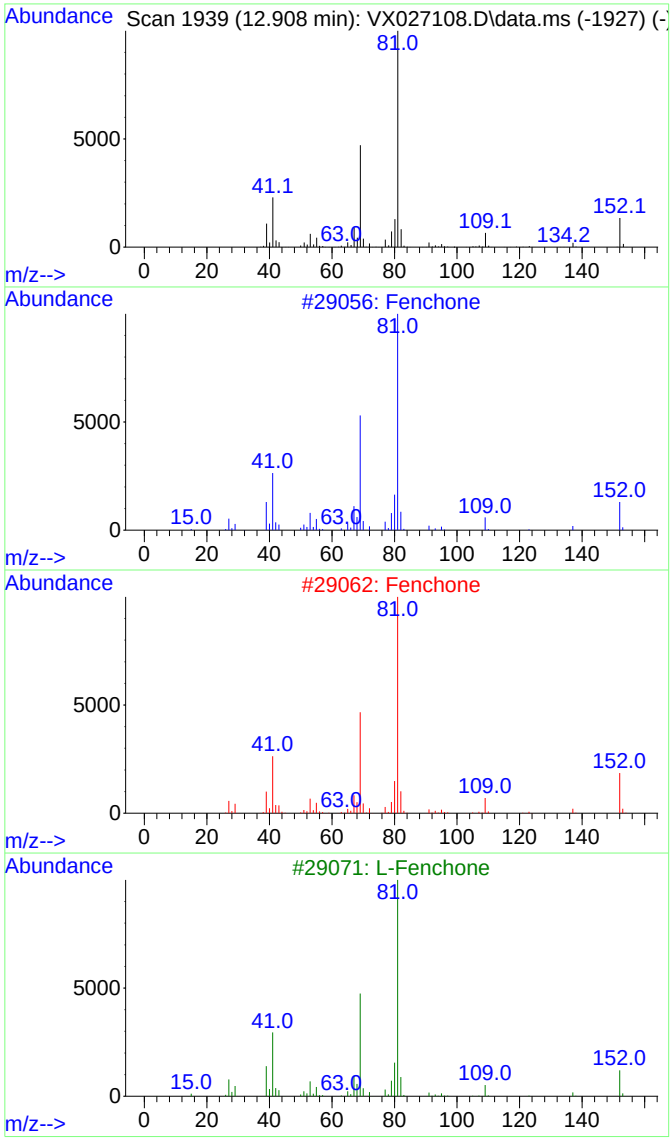
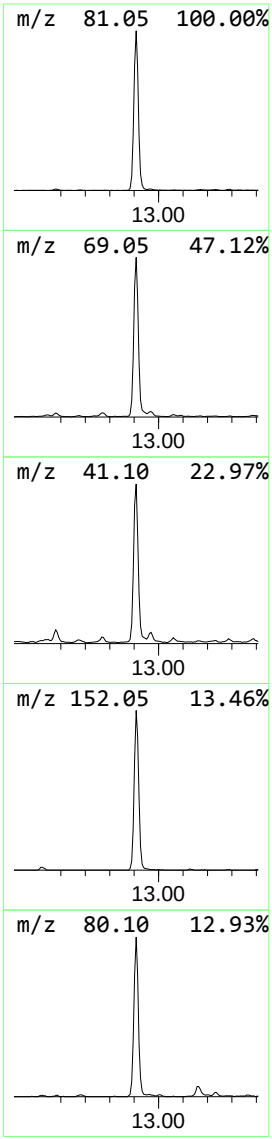
****

Peak Number 8 Fenchone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	84.00 ug/l	616183	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	Fenchone	152	C10H16O	001195-79-5	95
3	L-Fenchone	152	C10H16O	007787-20-4	95
4	Fenchone	152	C10H16O	001195-79-5	95
5	D-Fenchone	152	C10H16O	004695-62-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027108.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

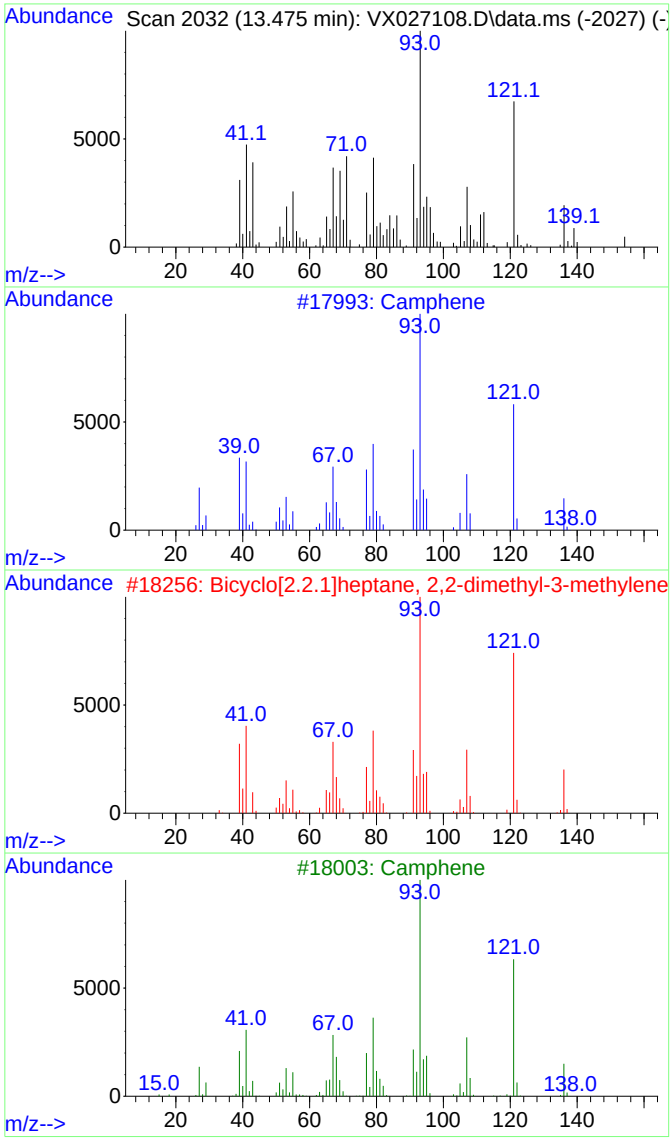
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

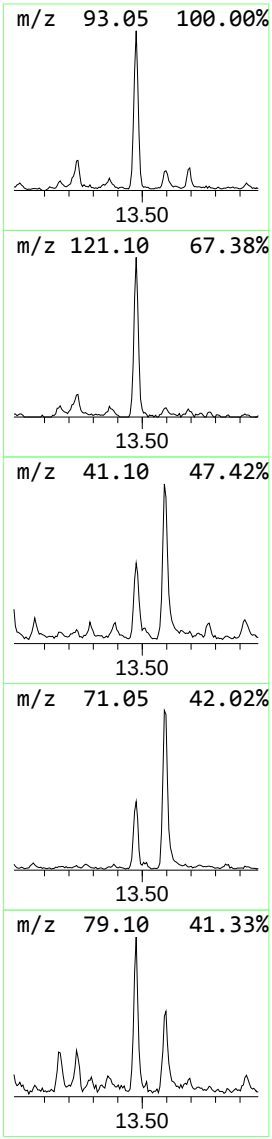
****

Peak Number 9 Camphene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	18.46 ug/l	135413	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	96
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	96
3	Camphene	136	C10H16	000079-92-5	89
4	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	86
5	Camphene	136	C10H16	000079-92-5	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
Sample : N1583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

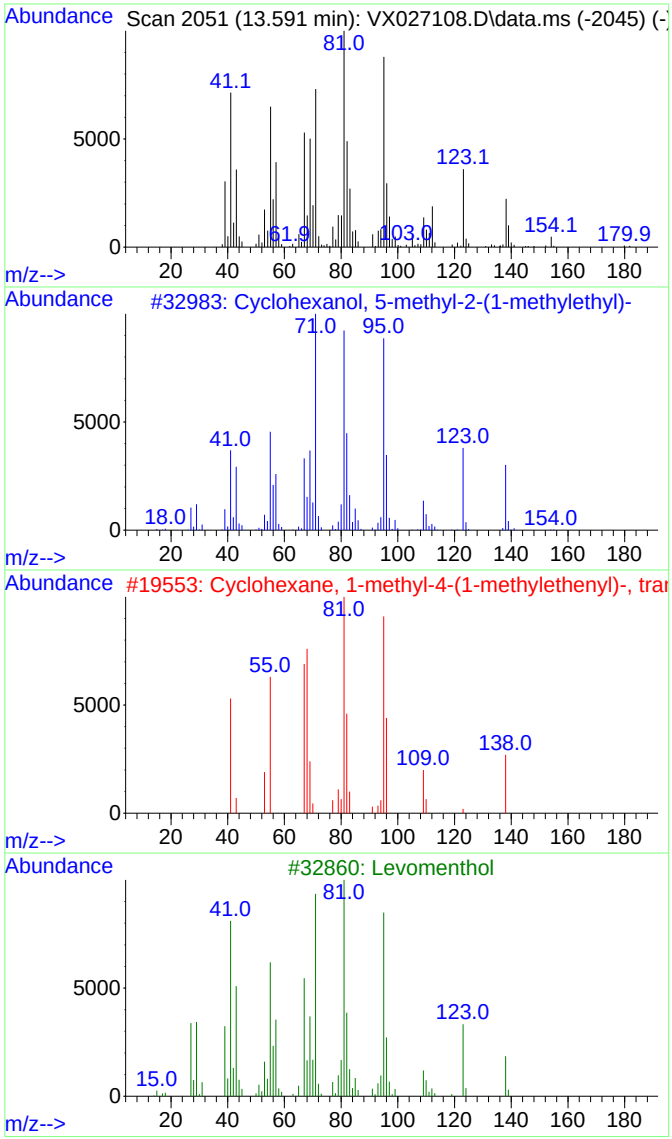
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

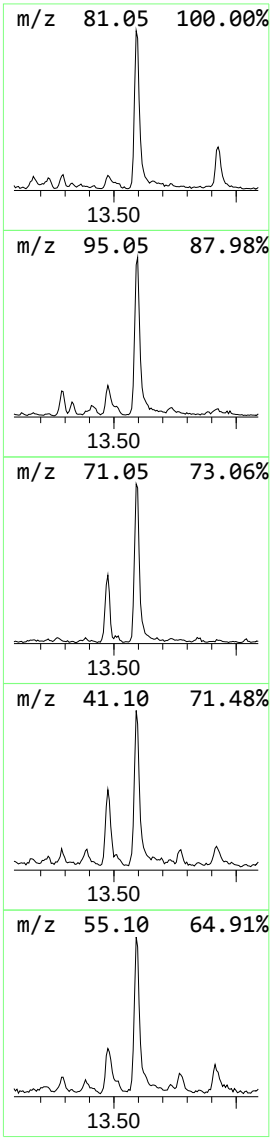
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	29.28 ug/l	214792	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	87
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	86
3	Levomenthol	156	C10H20O	002216-51-5	80
4	Levomenthol	156	C10H20O	002216-51-5	80
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027108.D
Acq On : 18 Feb 2022 14:30
Operator : JC/MD
Sample : N1583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.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
Tetrahydrofuran	5.007	312.4	ug/l	827492	1	4.903	79452	30.0
Amylene hydrate	6.232	10.8	ug/l	58388	2	6.763	162521	30.0
2-Pentanone, 3-...	8.805	6.4	ug/l	47138	3	10.055	220061	30.0
3-Hexanone, 2-m...	9.378	19.1	ug/l	140011	3	10.055	220061	30.0
7-Oxabicyclo[2....	11.890	7.9	ug/l	57914	3	10.055	220061	30.0
Eucalyptol	12.103	9.2	ug/l	67276	3	10.055	220061	30.0
5-(4-Fluorophen...	12.768	15.9	ug/l	116349	3	10.055	220061	30.0
Fenchone	12.908	84.0	ug/l	616183	3	10.055	220061	30.0
Camphene	13.475	18.5	ug/l	135413	3	10.055	220061	30.0
Cyclohexanol, 5...	13.591	29.3	ug/l	214792	3	10.055	220061	30.0