LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-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\624X121222W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX033456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.386	205	213	224	rBV2	56342	105283	3.62%	0.903%
2	2.965	295	308	327	rBV	1073836	2728619	93.70%	23.408%
3	4.568	552	571	585	rBV	891918	2912045	100.00%	24.982%
4	4.898	617	625	632	rBV2	28252	77773	2.67%	0.667%
5	5.001	632	642	662	rVB	513521	1568573	53.86%	13.456%
6	5.952	790	798	806	rBV	35460	93876	3.22%	0.805%
7	6.038	806	812	819	rVV3	16448	45347	1.56%	0.389%
8	6.239	835	845	854	rBV4	19191	57871	1.99%	0.496%
9	6.763	922	931	942	rVV	89556	213110	7.32%	1.828%
10	7.903	1110	1118	1127	rBV2	18244	33907	1.16%	0.291%
11	8.647	1233	1240	1246	rBV	161343	257951	8.86%	2.213%
12	8.720	1246	1252	1260	rVV2	89902	151372	5.20%	1.299%
13	8.805	1260	1266	1277	rVB	43711	76394	2.62%	0.655%
14	9.378	1352	1360	1366	rBV	81441	126906	4.36%	1.089%
15	10.055	1458	1471	1483	rBV	227611	366274	12.58%	3.142%
16	10.195	1490	1494	1500	rBV2	26290	50598	1.74%	0.434%
17	10.299	1506	1511	1517	rVB	99059	138790	4.77%	1.191%
18	10.384	1517	1525	1535	rVB2	14485	29805	1.02%	0.256%
19	10.640	1563	1567	1572	rBV	69176	92756	3.19%	0.796%
20	10.964	1613	1620	1627	rBV2	14400	30316	1.04%	0.260%
21	11.079	1634	1639	1645	rBV	210858	268160	9.21%	2.300%
22	11.378	1682	1688	1693	rBV2	19406	35292	1.21%	0.303%
23	11.451	1693	1700	1706	rVV4	13963	29635	1.02%	0.254%
24	11.750	1745	1749	1753	rVB	32125	41526	1.43%	0.356%
25	11.866	1763	1768	1770	rBV	47238	64865	2.23%	0.556%
26	12.012	1787	1792	1795	rVV	47869	68077	2.34%	0.584%
27	12.097	1800	1806	1811	rBV2	53300	92494	3.18%	0.793%
28	12.244	1822	1830	1840	rBV2	49216	127443	4.38%	1.093%
29	12.524	1872	1876	1882	rBV3	23109	55064	1.89%	0.472%
30	12.579	1882	1885	1889	rVB	63144	73716	2.53%	0.632%
31	12.762	1909	1915	1920	rVV2	144826	209264	7.19%	1.795%
32	12.908	1932	1939	1944	rBV	385930	531644	18.26%	4.561%
33	12.963	1944	1948	1958	rVB2	58550	96879	3.33%	0.831%
34	13.286	1995	2001	2005	rBV5	18501	30281	1.04%	0.260%
35	13.335	2005	2009	2012	rBV2	27411	34847	1.20%	0.299%
36	13.427	2020	2024	2027	rVB2	25538	33228	1.14%	0.285%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-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\624X121222W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	13.475	2027	2032	2036	rBV2	87731	128690	4.42%	1.104%
38	13.591	2046	2051	2061	rBV2	189082	307596	10.56%	2.639%
39	13.731	2070	2074	2077	rBV	38506	47530	1.63%	0.408%
40	13.774	2077	2081	2088	rVB	121768	159249	5.47%	1.366%
41	13.914	2100	2104	2114	rVB4	15746	34547	1.19%	0.296%
42	14.317	2167	2170	2182	rVB5	16744	29205	1.00%	0.251%

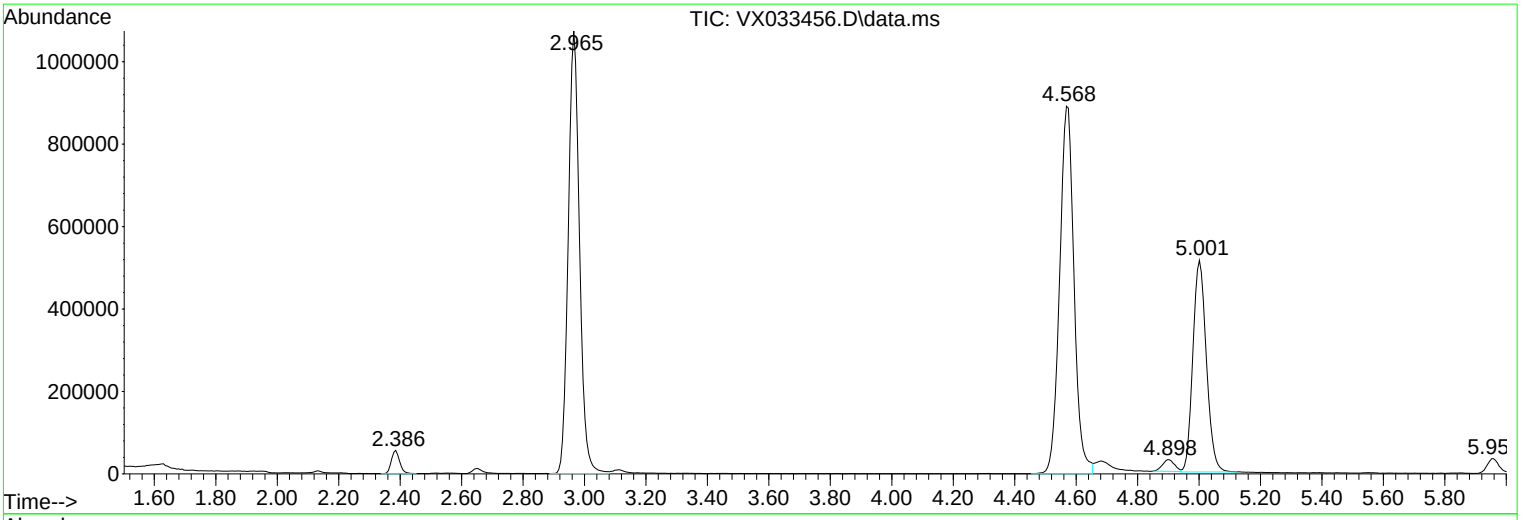
Sum of corrected areas: 11656798

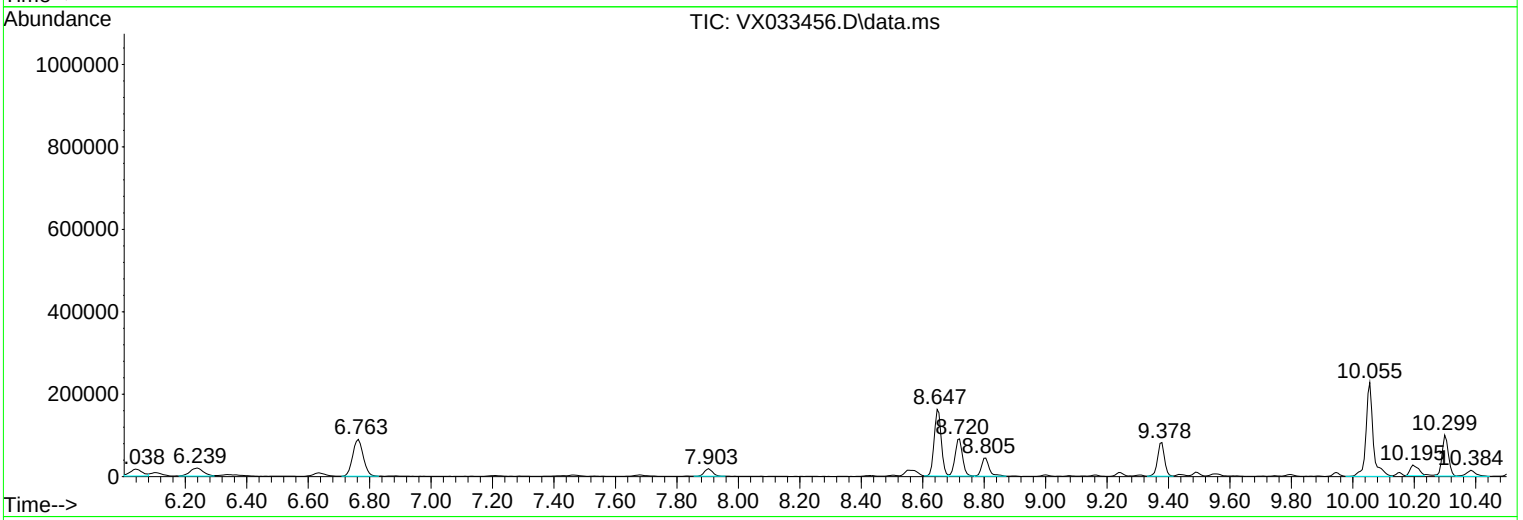
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

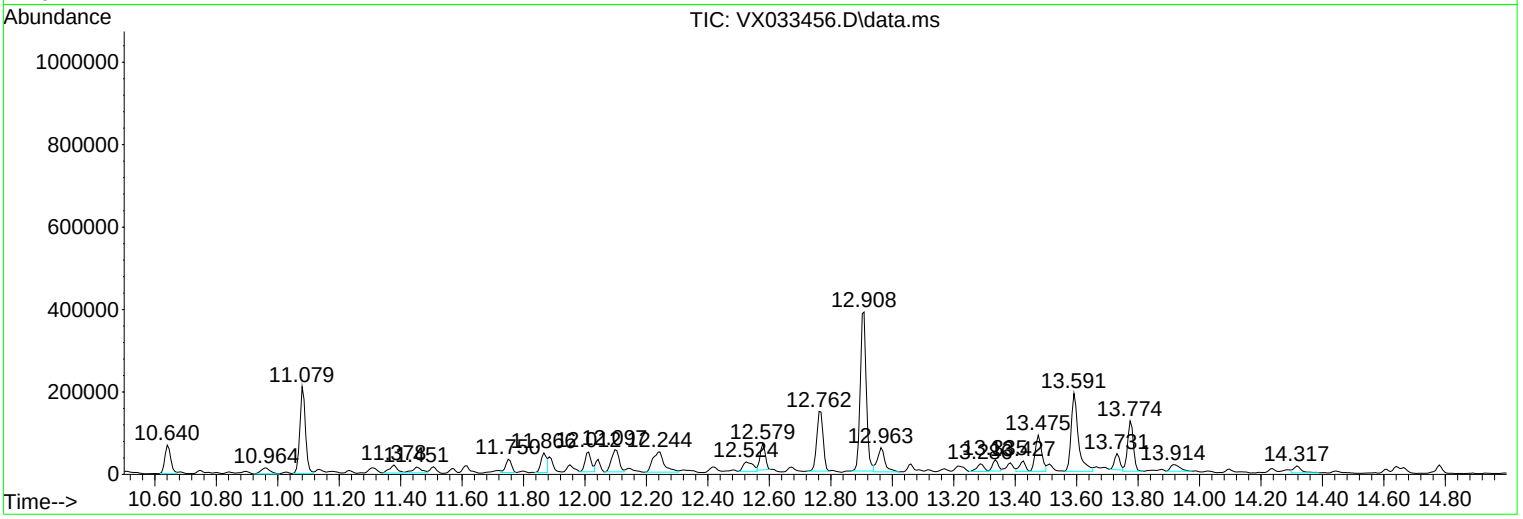
Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

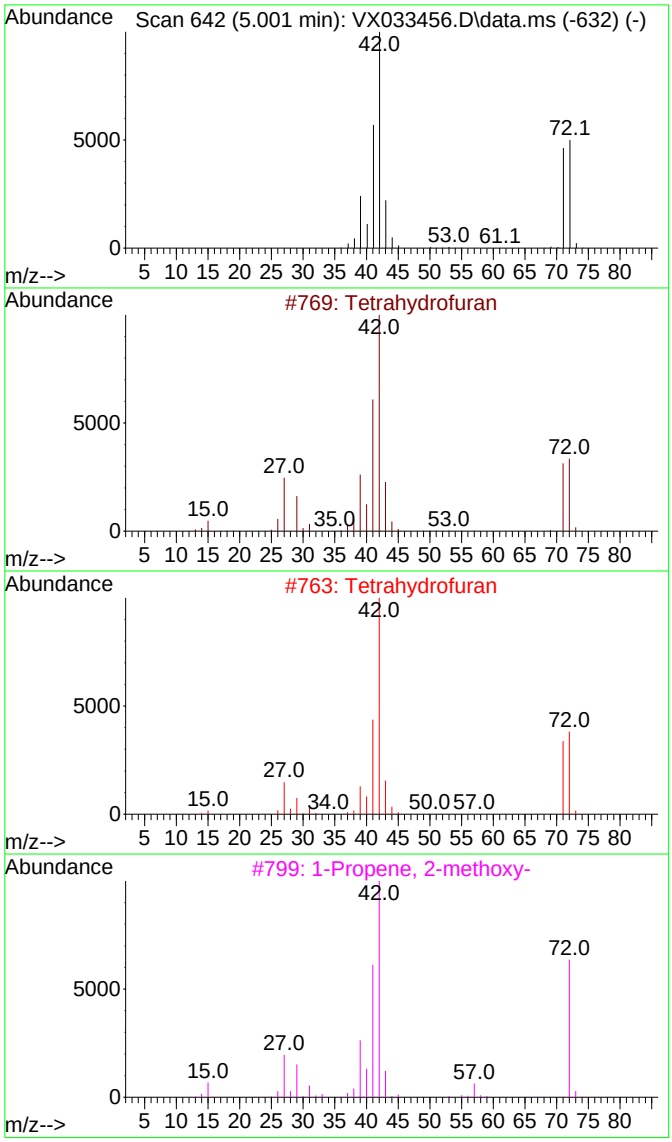
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

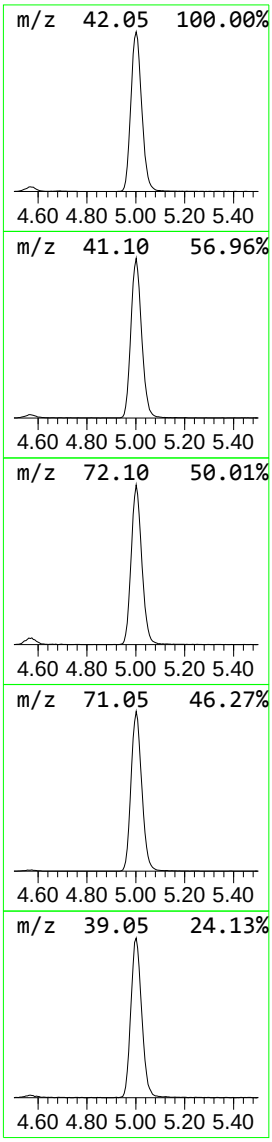
****

Peak Number 2 Tetrahydrofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.001	605.06 ug/l	1568570	Bromochloromethane	4.898

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	Formaldehyde, dimethylhydrazone	72	C3H8N2	002035-89-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

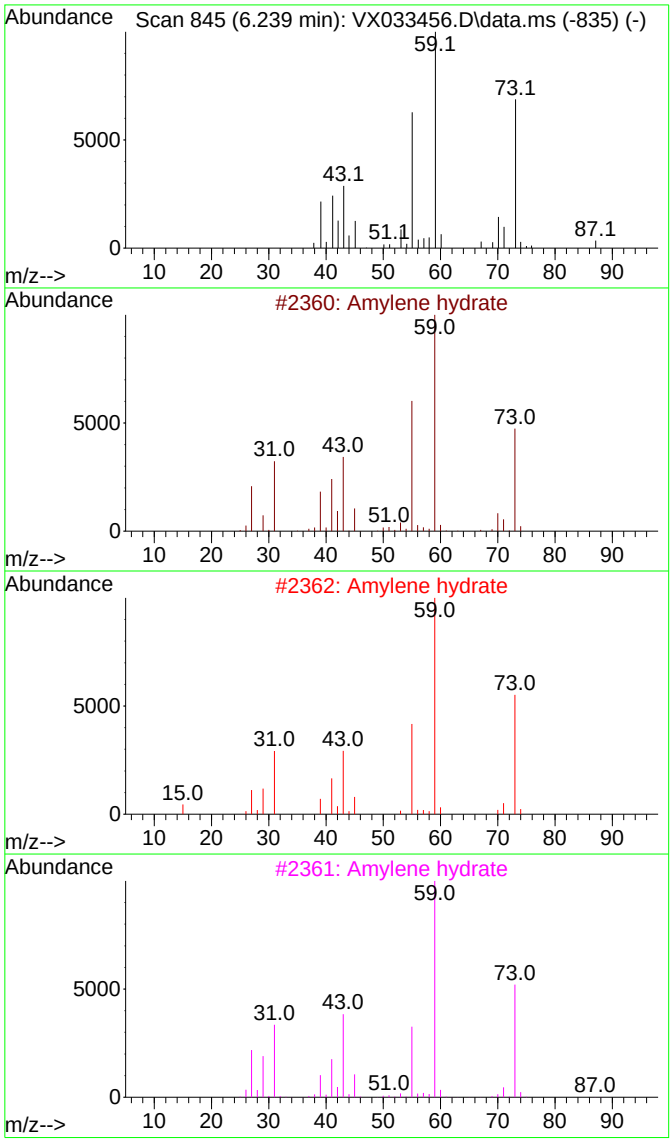
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

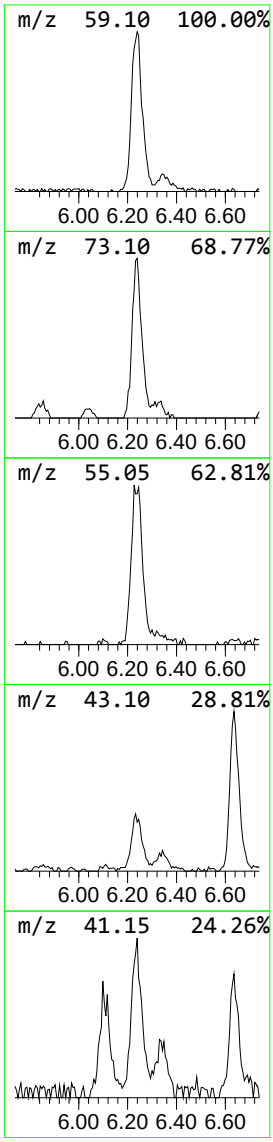
****

Peak Number 3 Amylene hydrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.239	8.15 ug/l	57871	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	Amylene hydrate	88	C5H12O	000075-85-4	56
3	Amylene hydrate	88	C5H12O	000075-85-4	50
4	Amylene hydrate	88	C5H12O	000075-85-4	50
5	Butanamide	87	C4H9NO	000541-35-5	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

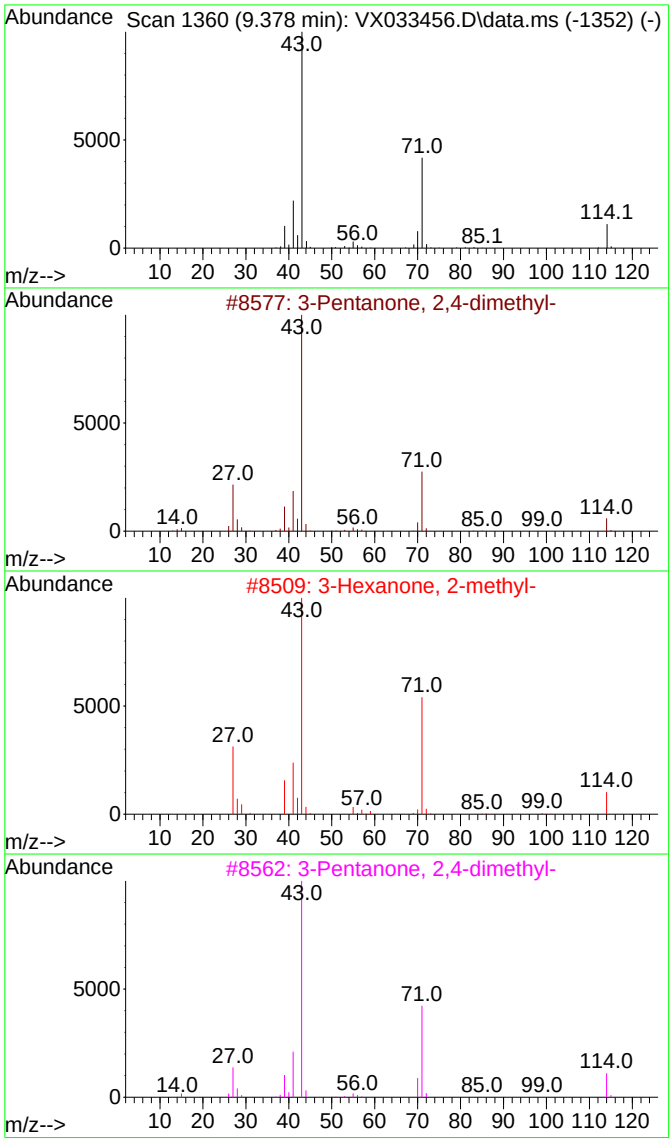
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

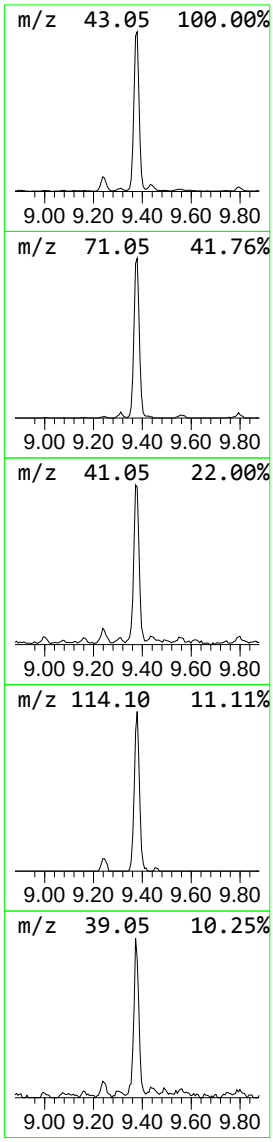
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.378	10.39 ug/l	126906	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	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	72
4	4-Heptanone	114	C7H14O	000123-19-3	64
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

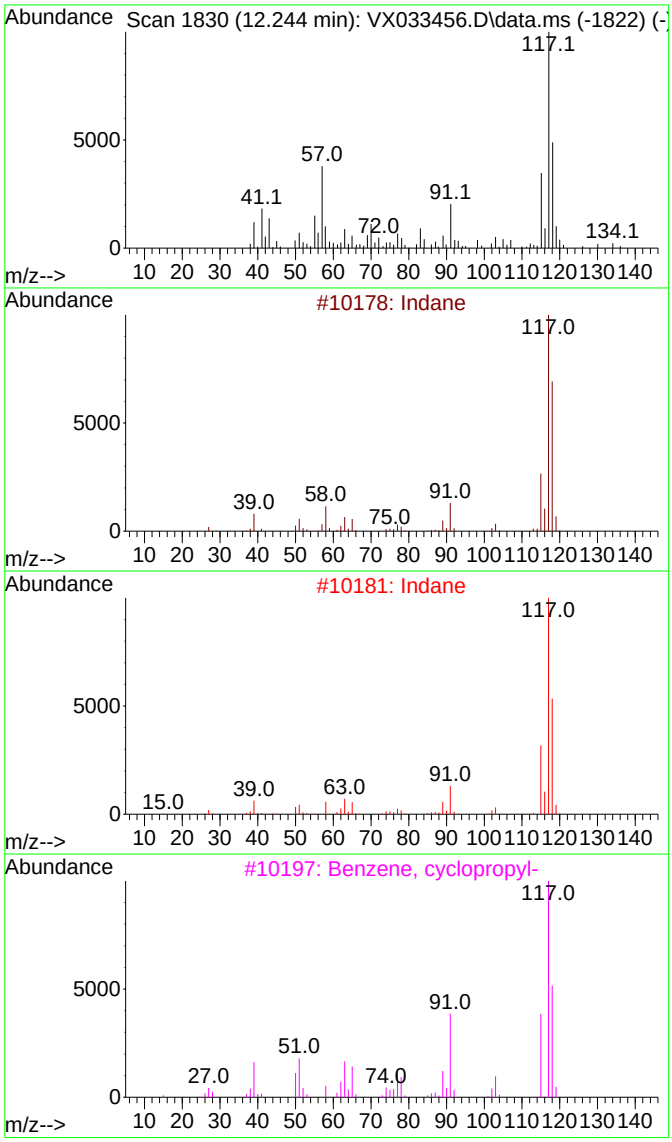
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

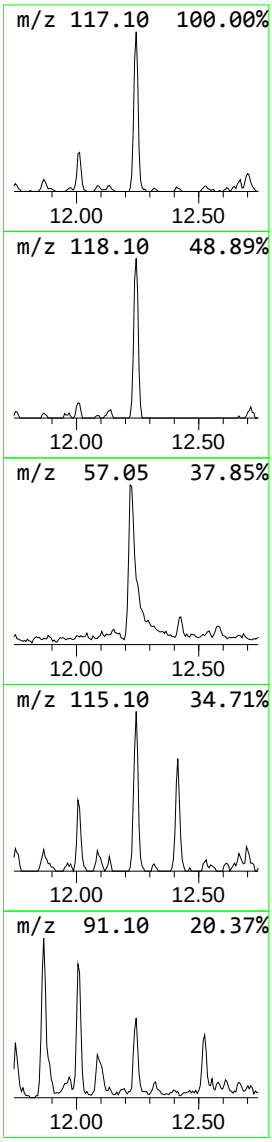
****

Peak Number 5 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	10.44 ug/l	127443	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Deltacyclene	118	C9H10	007785-10-6	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

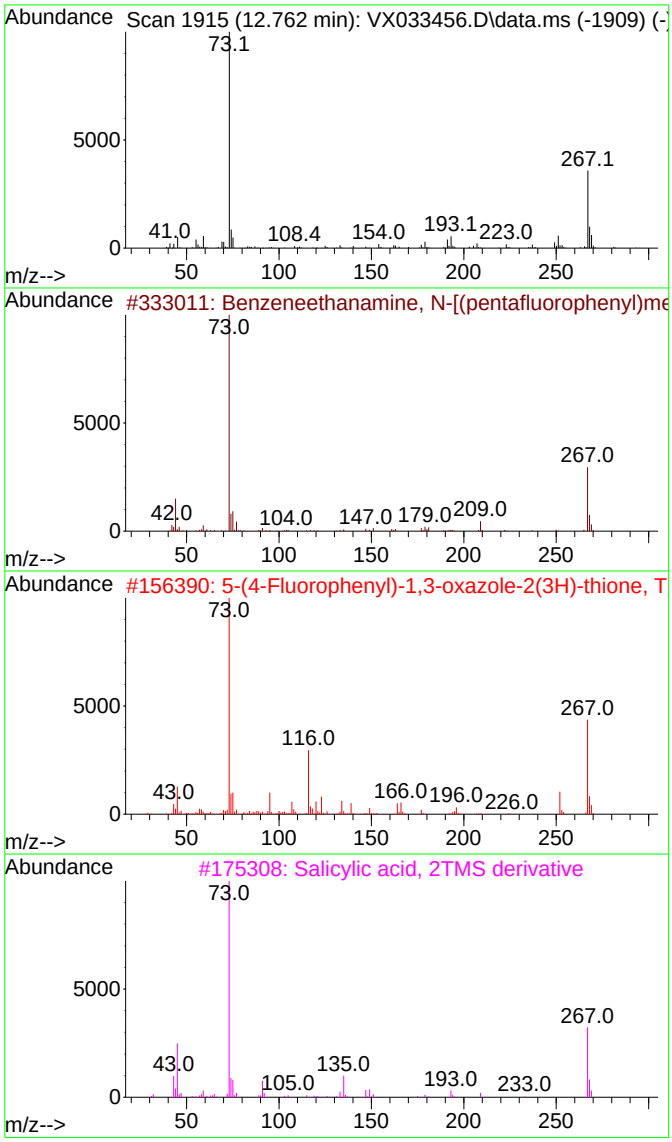
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

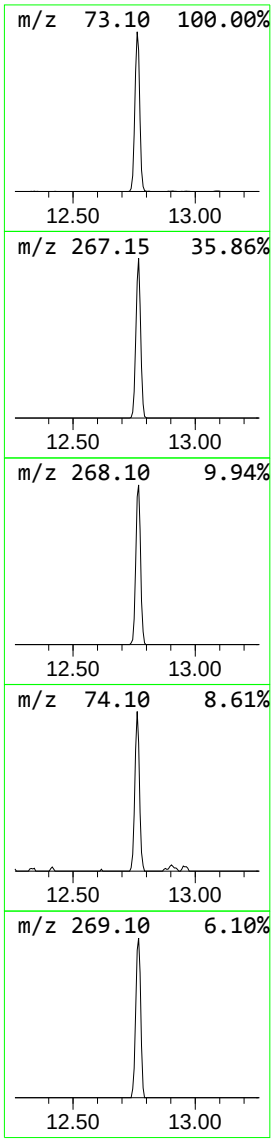
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzeneethanamine, N-[(pent... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.762	17.14 ug/l	209264	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	64
2	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	59
3	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	59
4	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	50
5	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

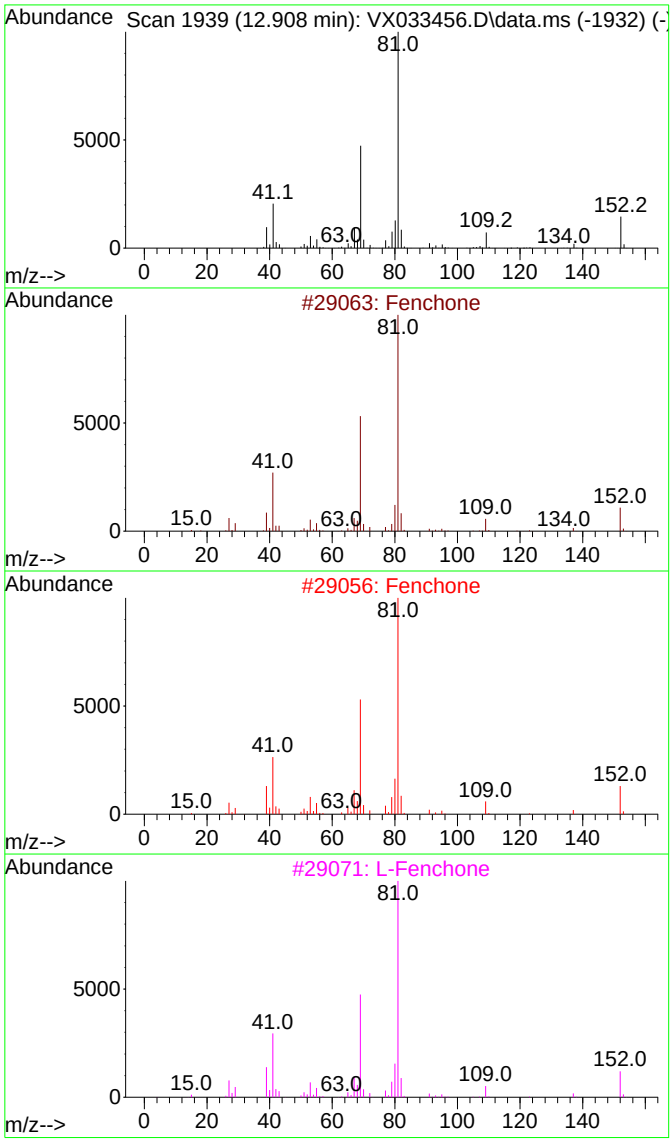
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

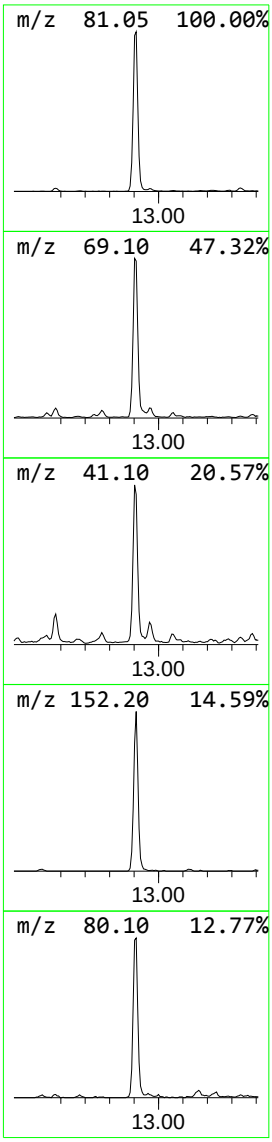
****

Peak Number 7 Fenchone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	43.54 ug/l	531644	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	94
4	D-Fenchone	152	C10H16O	004695-62-9	91
5	L-Fenchone	152	C10H16O	007787-20-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

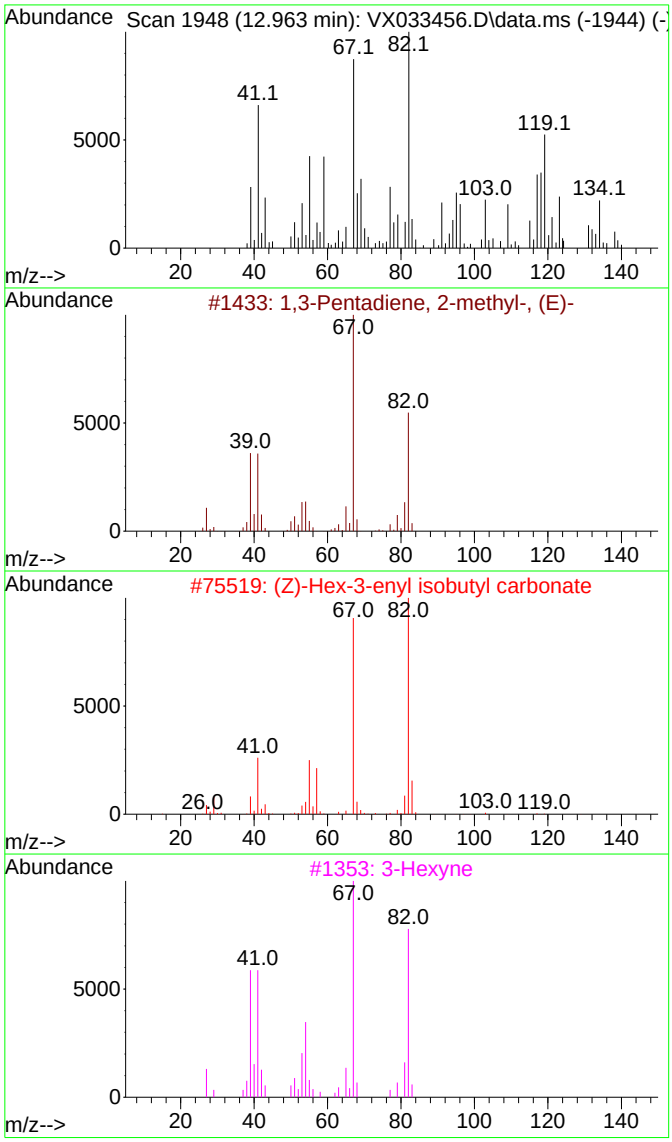
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

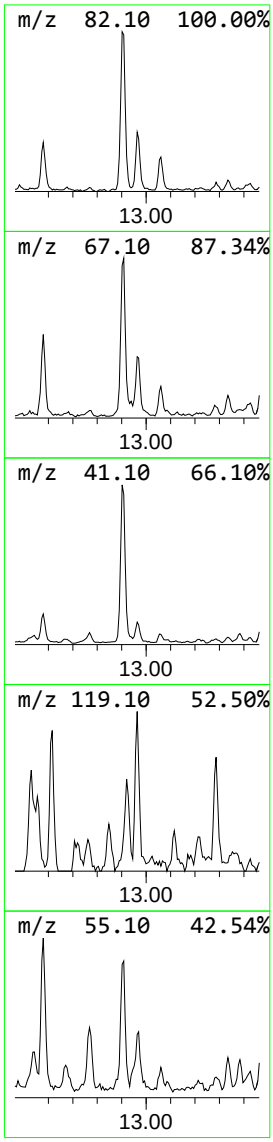
****

Peak Number 8 unknown12.963 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	7.93 ug/l	96879	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	35
2	(Z)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-75-0	35
3	3-Hexyne	82	C6H10	000928-49-4	35
4	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	35
5	3-Hexyne	82	C6H10	000928-49-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

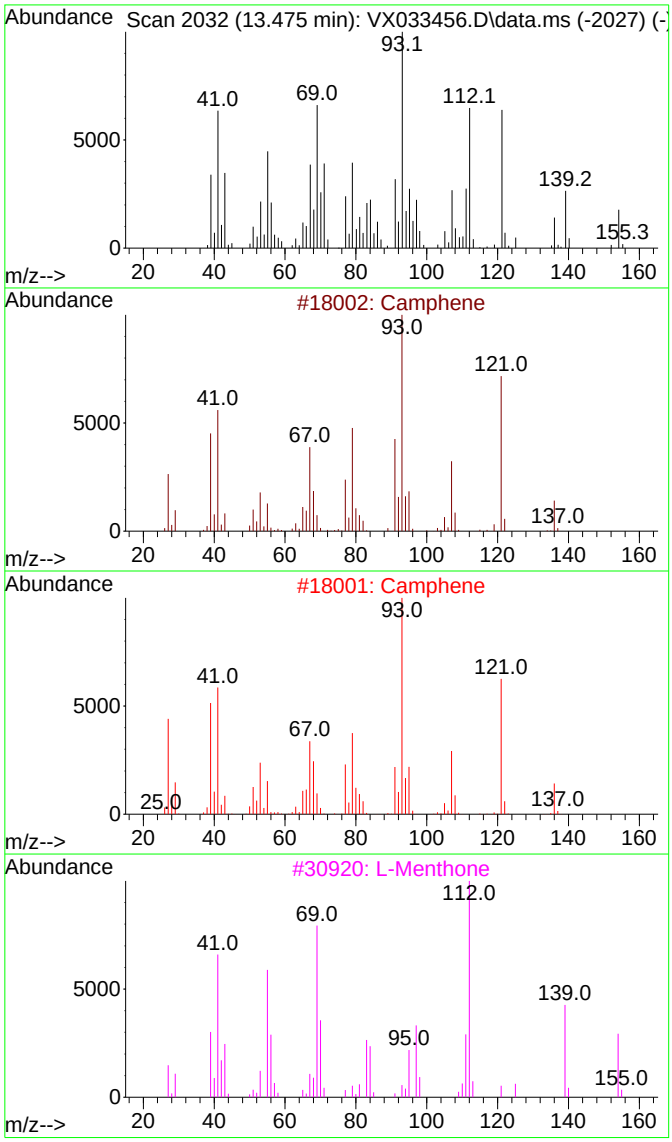
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

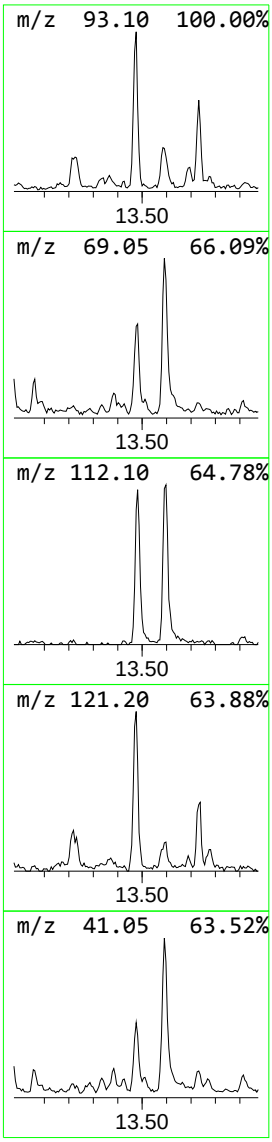
****

Peak Number 9 Camphene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	10.54 ug/l	128690	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	94
2	Camphene	136	C10H16	000079-92-5	94
3	L-Menthone	154	C10H18O	014073-97-3	92
4	Camphene	136	C10H16	000079-92-5	86
5	Camphene	136	C10H16	000079-92-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

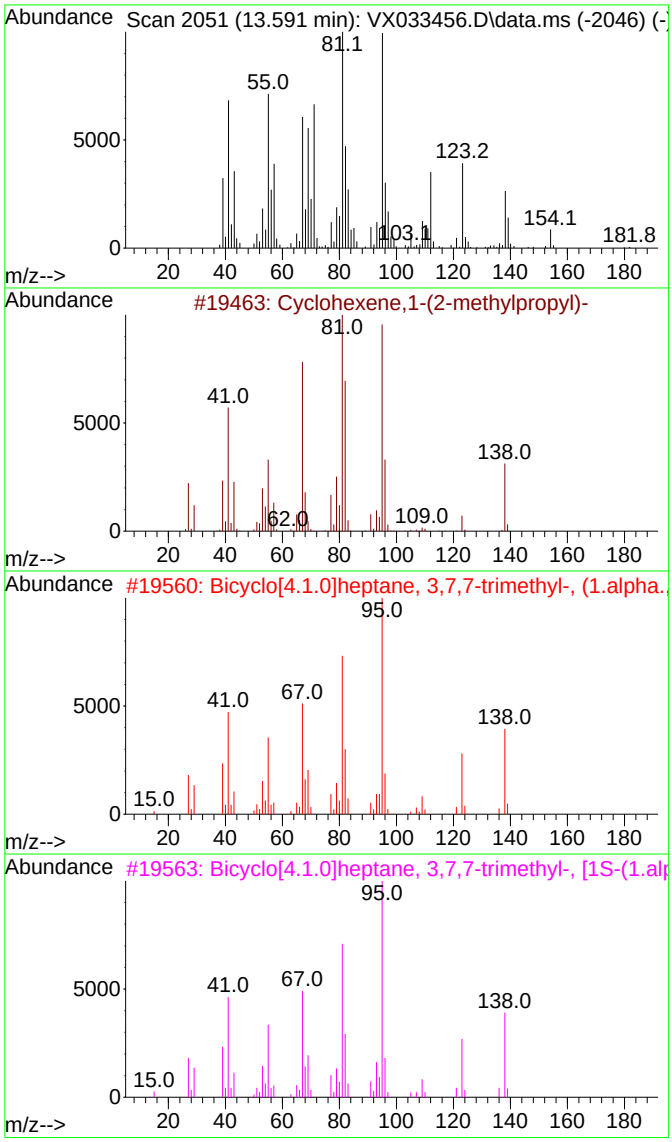
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

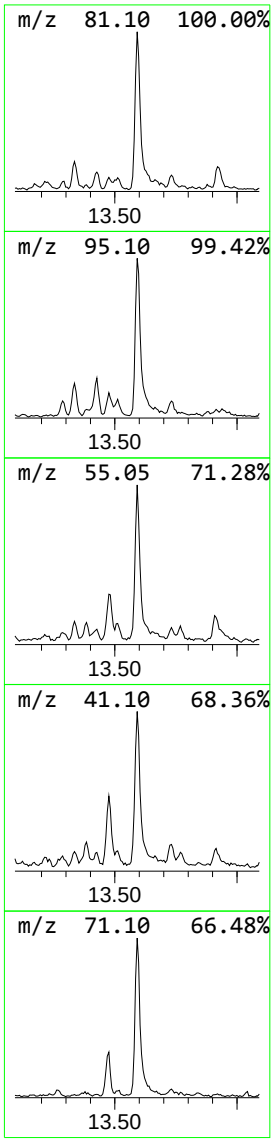
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexene,1-(2-methylprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	25.19 ug/l	307596	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	95
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	93
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	76
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	70
5	dl-Menthol	156	C10H20O	000089-78-1	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033456.D
Acq On : 16 Dec 2022 13:02
Operator : JC/MD
Sample : N6074-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221214029-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.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	5.001	605.1	ug/l	1568570	1	4.898	77773	30.0
Amylene hydrate	6.239	8.2	ug/l	57871	2	6.763	213110	30.0
3-Pentanone, 2,...	9.378	10.4	ug/l	126906	3	10.055	366274	30.0
Indane	12.244	10.4	ug/l	127443	3	10.055	366274	30.0
Benzeneethanami...	12.762	17.1	ug/l	209264	3	10.055	366274	30.0
Fenchone	12.908	43.5	ug/l	531644	3	10.055	366274	30.0
unknown12.963	12.963	7.9	ug/l	96879	3	10.055	366274	30.0
Camphene	13.475	10.5	ug/l	128690	3	10.055	366274	30.0
Cyclohexene,1-(...	13.591	25.2	ug/l	307596	3	10.055	366274	30.0