

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX017002.D
 Acq On : 27 Jun 2020 00:26
 Operator : JC/SP
 Sample : L3146-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200624026-02-VOA

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.429	213	220	238	rBV3	116539	366254	4.82%	1.374%
2	3.014	306	316	334	rBV	2721868	5999684	78.94%	22.502%
3	3.172	334	342	352	rVB2	27699	79605	1.05%	0.299%
4	4.666	573	587	599	rBV	2379255	7600046	100.00%	28.505%
5	4.983	630	639	647	rBV2	118583	346691	4.56%	1.300%
6	5.093	647	657	683	rVB	1405300	4204974	55.33%	15.771%
7	6.032	799	811	819	rBV	127345	344179	4.53%	1.291%
8	6.251	837	847	853	rBV2	96588	313459	4.12%	1.176%
9	6.830	931	942	953	rBV	288810	701264	9.23%	2.630%
10	7.958	1120	1127	1138	rBV	67602	136632	1.80%	0.512%
11	8.598	1227	1232	1234	rBV	56673	97257	1.28%	0.365%
12	8.696	1241	1248	1254	rBV	620362	955796	12.58%	3.585%
13	8.763	1254	1259	1267	rVB2	159758	280702	3.69%	1.053%
14	8.848	1267	1273	1278	rBV	116140	177126	2.33%	0.664%
15	9.421	1359	1367	1373	rBV	370063	544432	7.16%	2.042%
16	10.098	1467	1478	1489	rVV	657077	1045585	13.76%	3.922%
17	10.250	1497	1503	1511	rVV2	45793	112760	1.48%	0.423%
18	10.342	1513	1518	1524	rVV	252139	353142	4.65%	1.324%
19	10.421	1524	1531	1542	rVB3	40620	81673	1.07%	0.306%
20	10.683	1569	1574	1578	rBV	161120	211272	2.78%	0.792%
21	11.122	1640	1646	1651	rBV	535919	695188	9.15%	2.607%
22	11.415	1687	1694	1700	rVV2	45812	88964	1.17%	0.334%
23	11.793	1746	1756	1760	rVB	67615	99416	1.31%	0.373%
24	11.927	1770	1778	1787	rVB3	108549	179412	2.36%	0.673%
25	12.079	1800	1803	1807	rVB	76326	96300	1.27%	0.361%
26	12.140	1807	1813	1817	rBV3	95936	175297	2.31%	0.657%
27	12.280	1830	1836	1841	rBV	66430	105768	1.39%	0.397%
28	12.616	1888	1891	1895	rVB	125416	140706	1.85%	0.528%
29	12.799	1914	1921	1926	rVV	140128	219764	2.89%	0.824%
30	12.945	1938	1945	1950	rBV	332251	426769	5.62%	1.601%
31	13.000	1950	1954	1959	rVB3	95027	133064	1.75%	0.499%
32	13.512	2033	2038	2042	rBV3	113101	163769	2.15%	0.614%
33	13.628	2052	2057	2061	rBV2	65591	99271	1.31%	0.372%
34	13.957	2107	2111	2120	rBV4	34931	86158	1.13%	0.323%

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ClientSampleId :
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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\624X062520W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

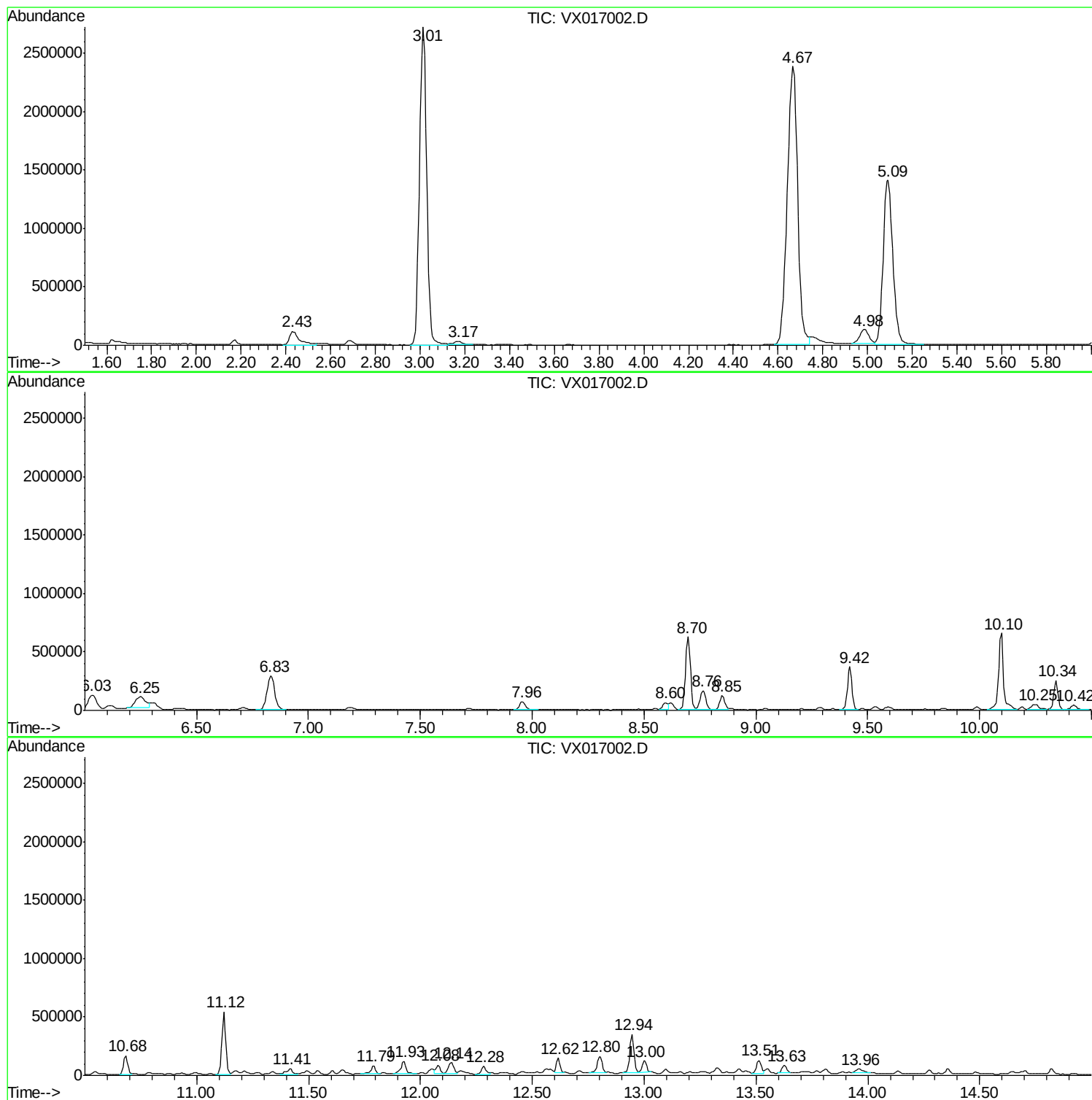
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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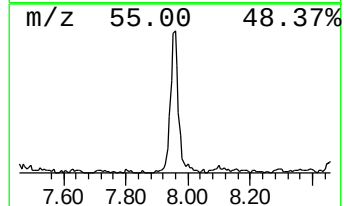
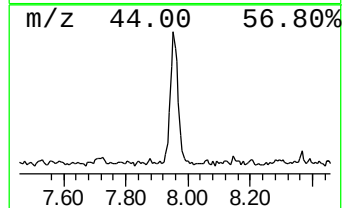
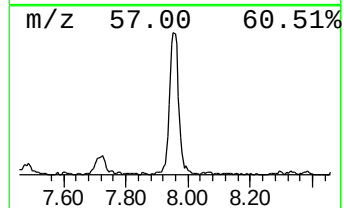
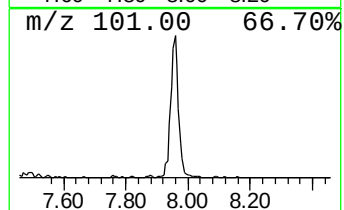
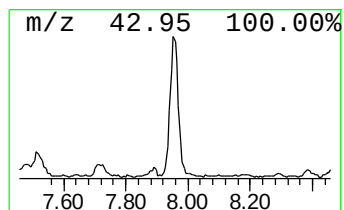
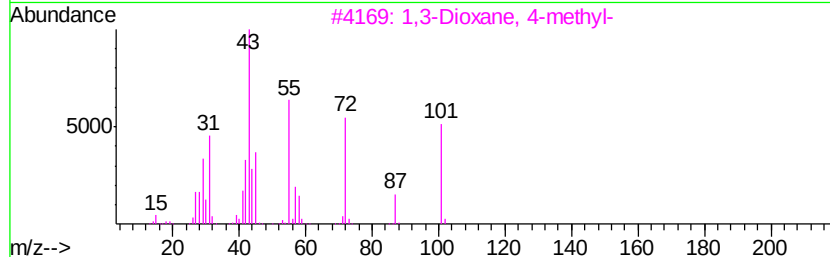
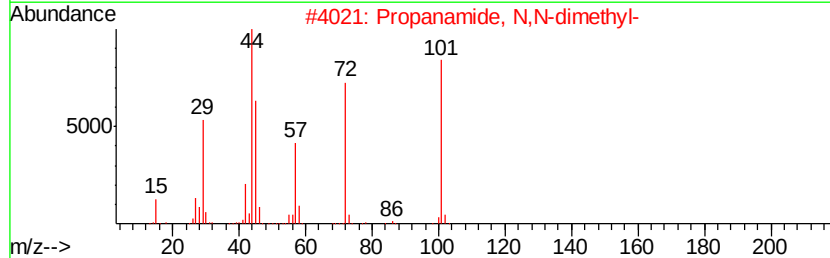
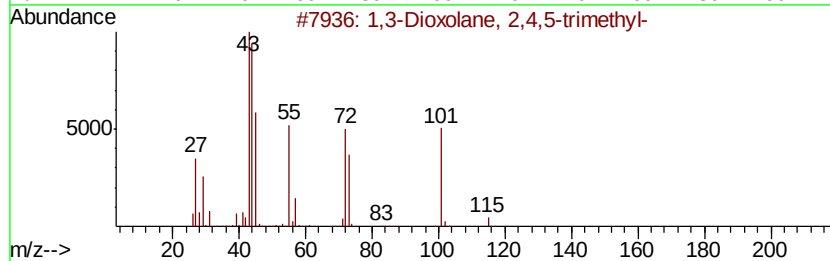
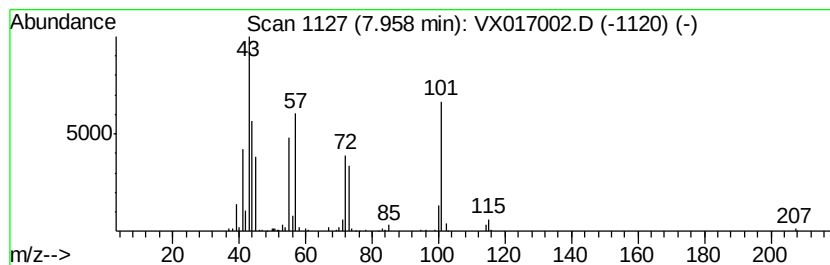
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,3-Dioxolane, 2,4,5-trimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	5.85 ug/l	136632	1,4-Difluorobenzene	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2,4,5-trimethyl-	116	C6H12O2	003299-32-9	83
2			Propanamide, N,N-dimethyl-	101	C5H11NO	000758-96-3	64
3			1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	50
4			1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	50
5			1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	47



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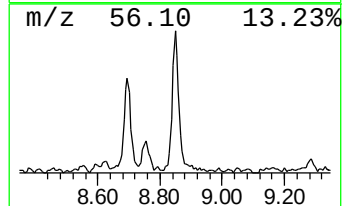
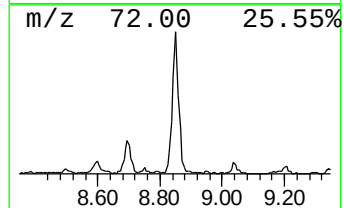
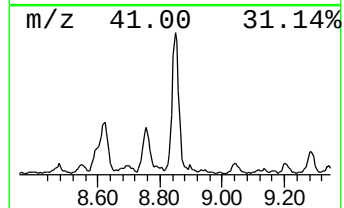
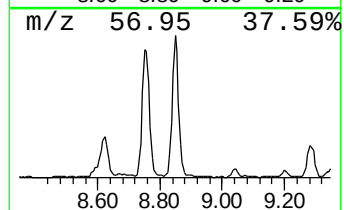
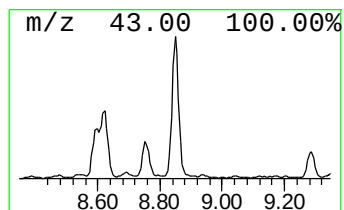
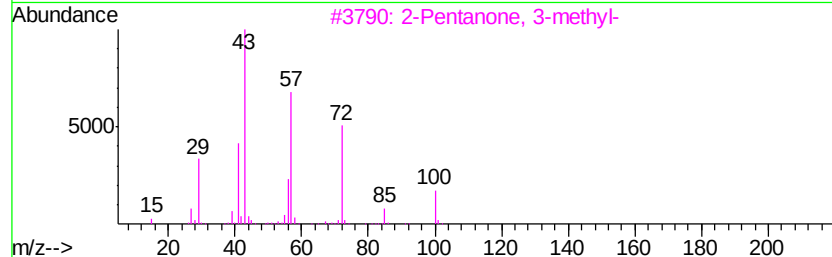
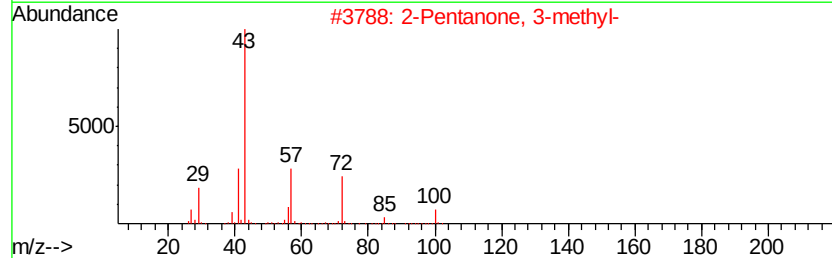
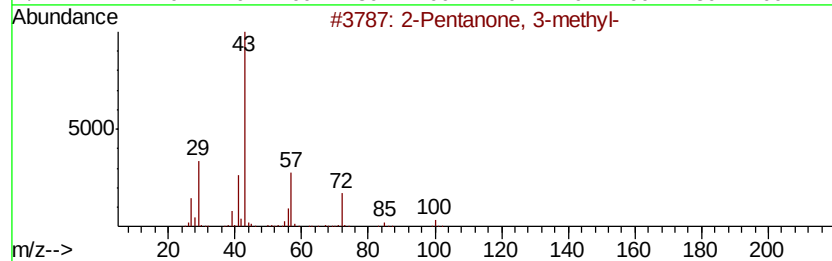
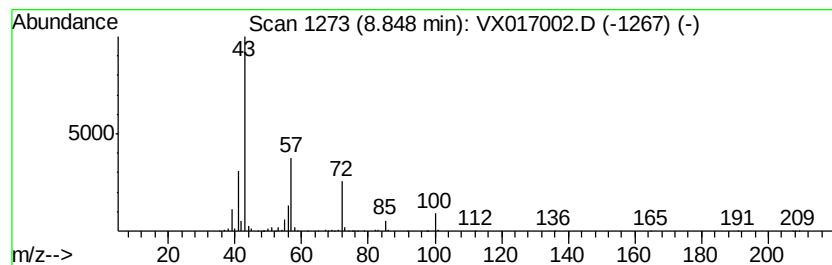
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	5.08 ug/l	177126	Chlorobenzene-d5	10.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	90
2		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	87
3		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	83
4		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	78
5		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	53



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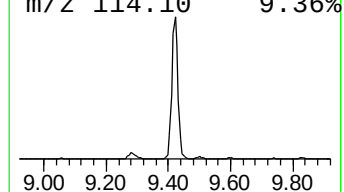
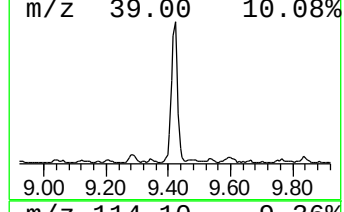
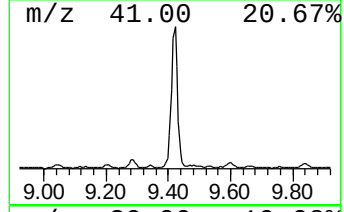
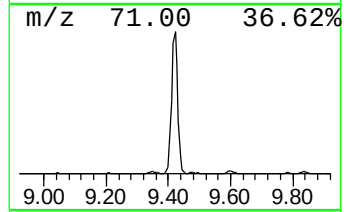
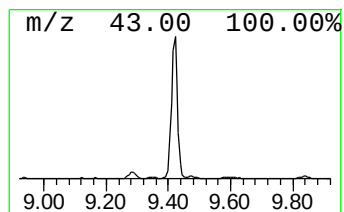
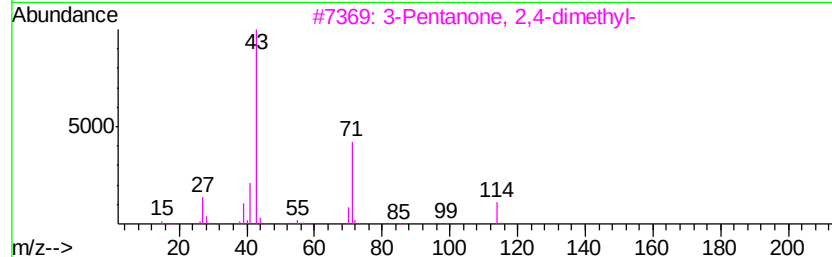
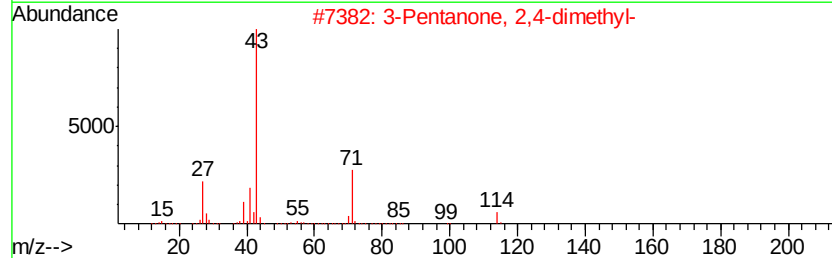
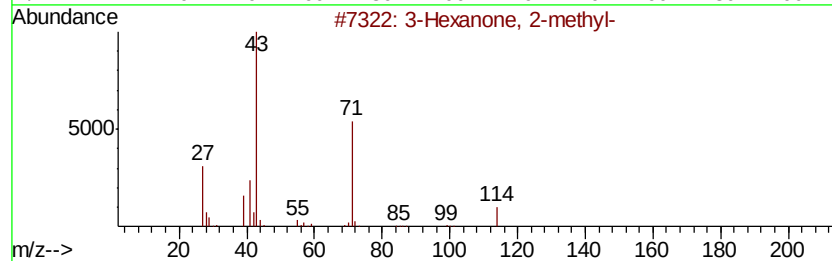
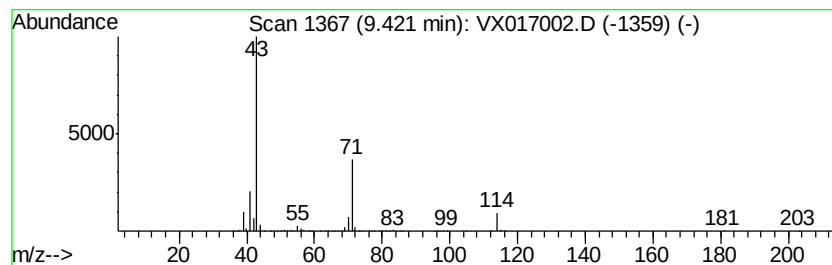
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 3-Hexanone, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	15.62 ug/l	544432	Chlorobenzene-d5	10.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	64
5		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	58



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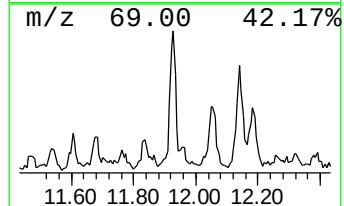
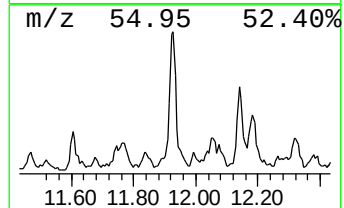
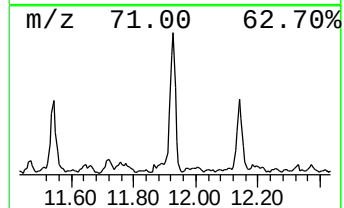
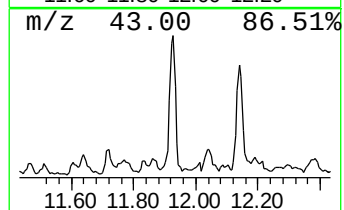
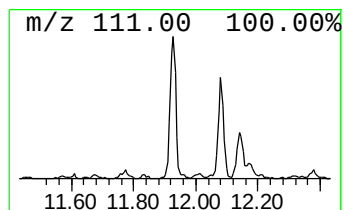
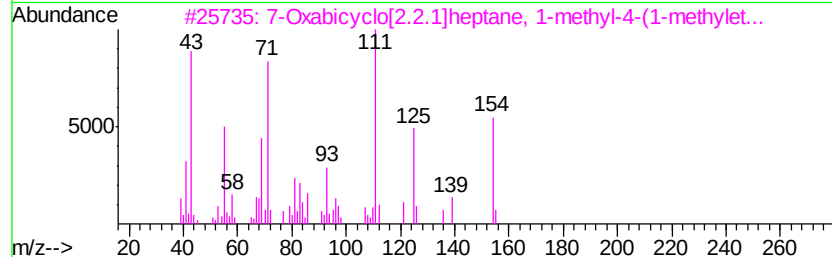
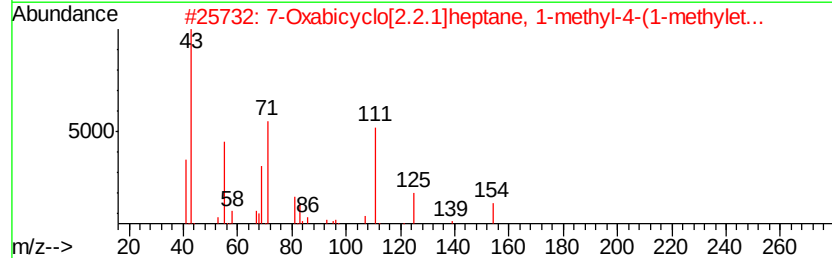
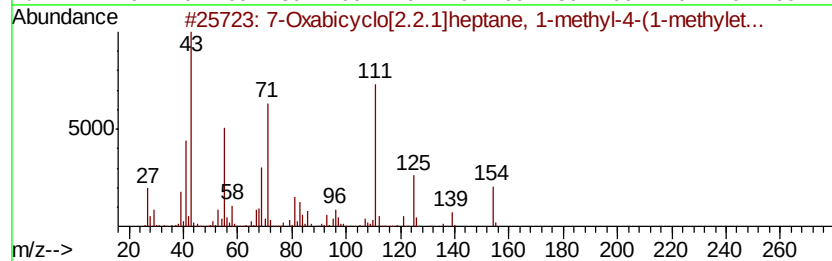
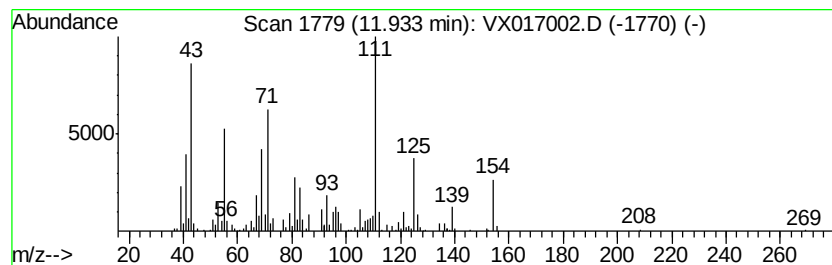
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.15 ug/l	179412	Chlorobenzene-d5	10.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	95
2		7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	94
3		7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	89
4		7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	68
5		Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	45



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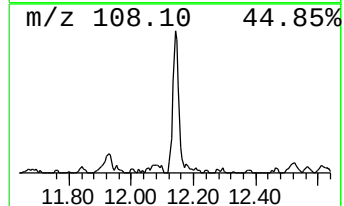
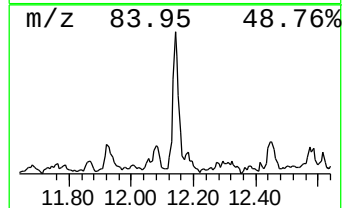
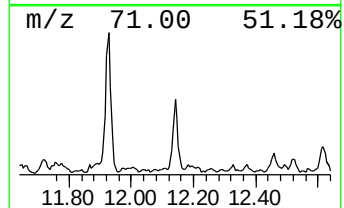
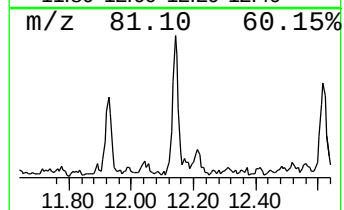
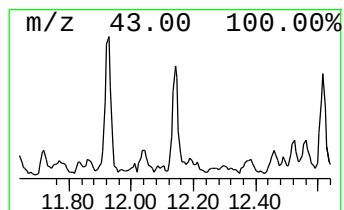
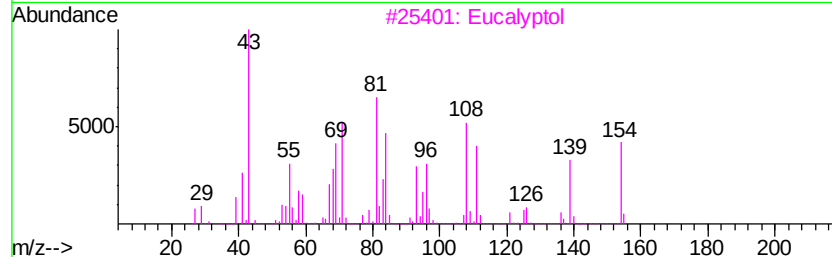
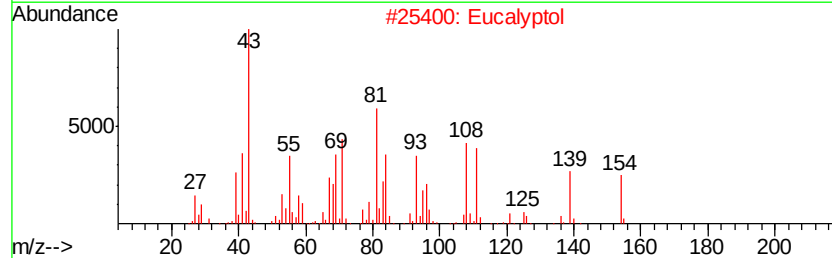
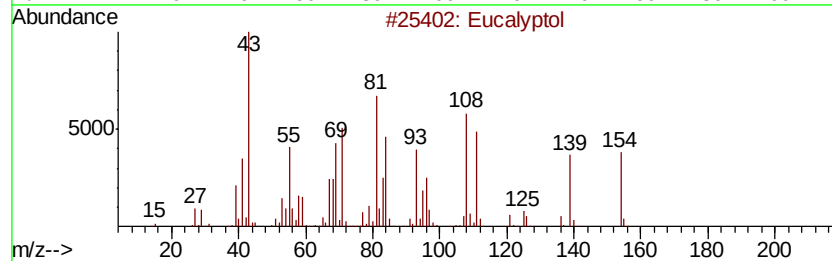
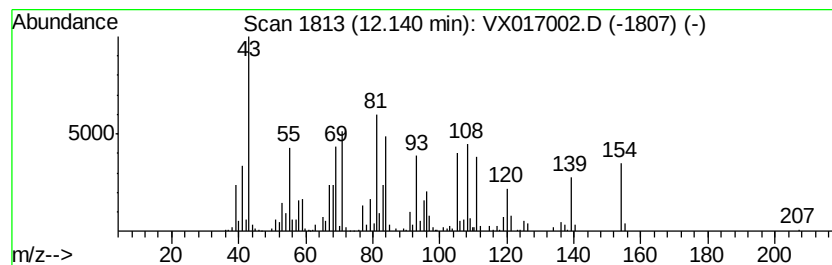
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TIC Integration Parameters: LSCINT.P

Peak Number 8 Eucalyptol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	5.03 ug/l	175297	Chlorobenzene-d5	10.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eucalyptol	154	C10H18O	000470-82-6	99
2		Eucalyptol	154	C10H18O	000470-82-6	95
3		Eucalyptol	154	C10H18O	000470-82-6	94
4		Eucalyptol	154	C10H18O	000470-82-6	86
5		Eucalyptol	154	C10H18O	000470-82-6	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX017002.D
Acq On : 27 Jun 2020 00:26
Operator : JC/SP
Sample : L3146-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

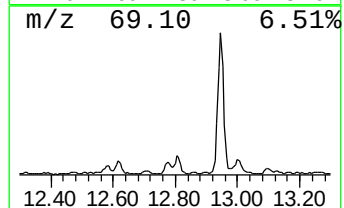
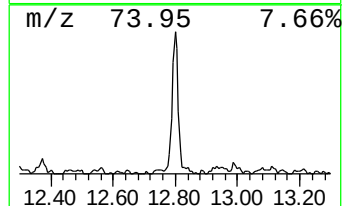
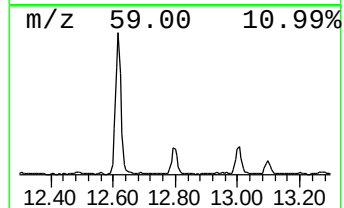
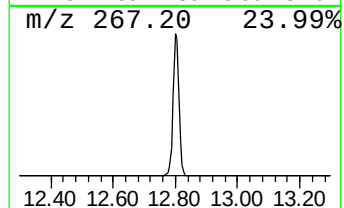
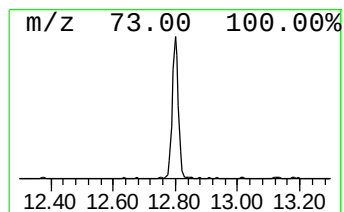
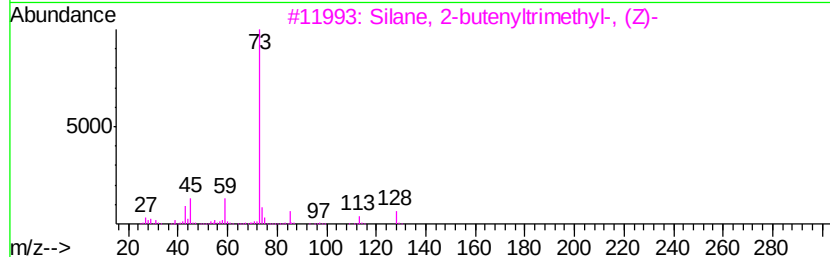
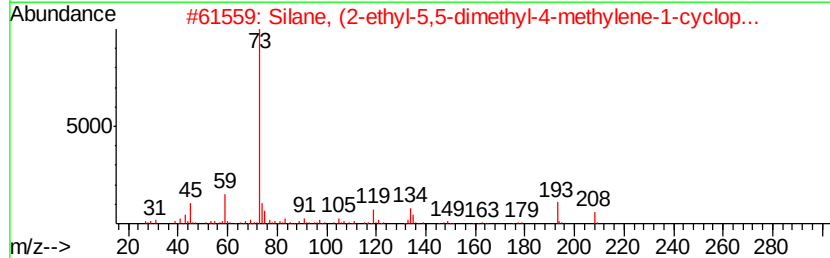
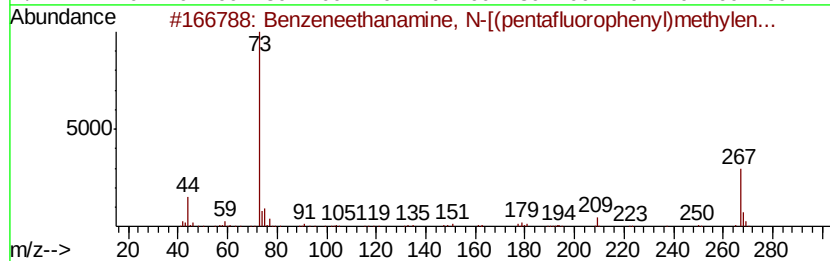
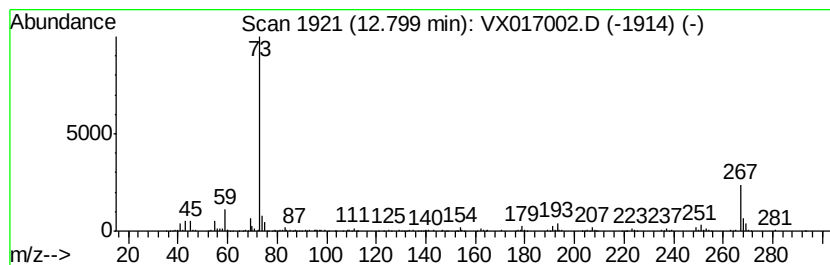
Instrument :
MSVOA_X
ClientSampleId :
200624026-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown12.80 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.80	6.31 ug/l	219764	Chlorobenzene-d5	10.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzeneethanamine, N-[(pentafluoro...	475	C21H26F5N02Si2	055429-85-1	42
2		Silane, (2-ethyl-5,5-dimethyl-4-...	208	C13H24Si	095798-05-3	17
3		Silane, 2-butenyltrimethyl-, (Z)-	128	C7H16Si	017486-13-4	16
4		Silane, trimethyl-3-penten-2-yl-...	142	C8H18Si	053264-56-5	12
5		Butane, 2,3-dimethoxy-2-methyl-	132	C7H16O2	074421-00-4	12



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062620\
Data File : VX017002.D
Acq On : 27 Jun 2020 00:26
Operator : JC/SP
Sample : L3146-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

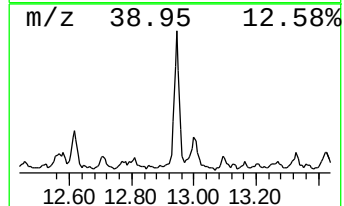
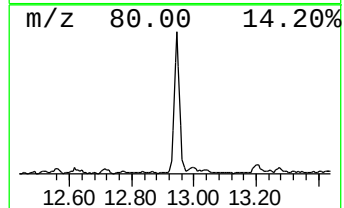
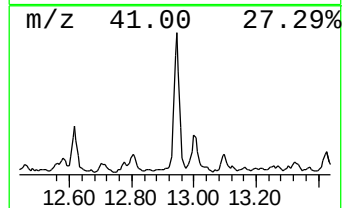
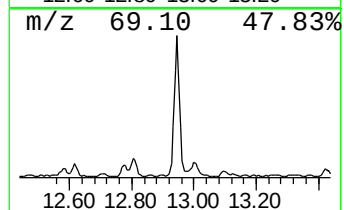
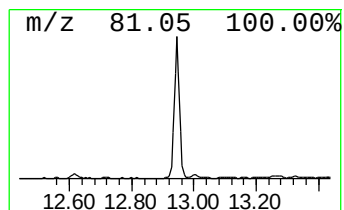
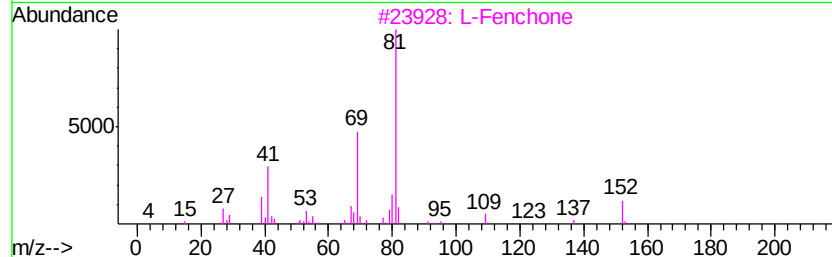
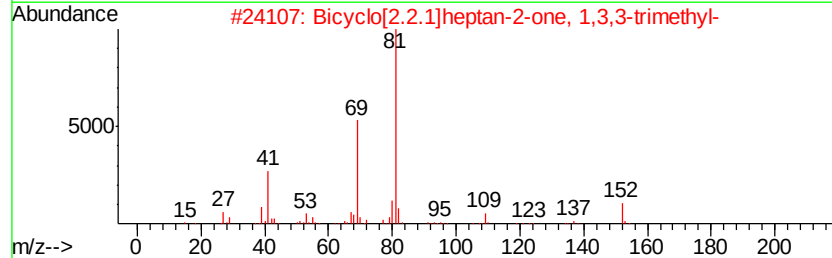
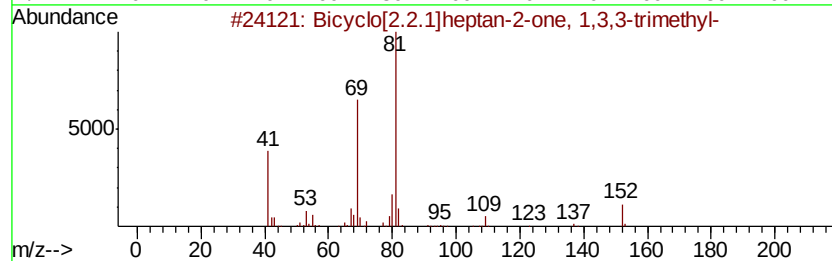
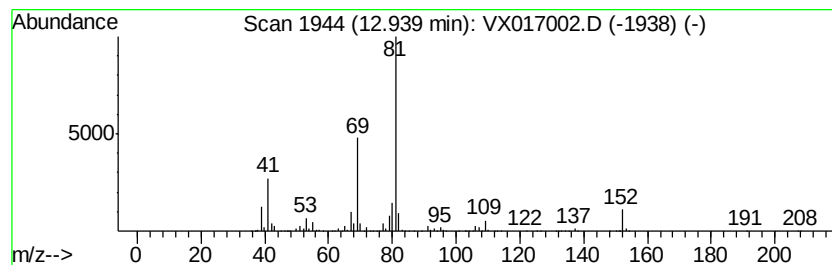
Instrument :
MSVOA_X
ClientSampleId :
200624026-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.94	12.24 ug/l	426769	Chlorobenzene-d5	10.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	95
3		L-Fenchone	152	C10H16O	000126-21-6	95
4		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
5		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX017002.D
Acq On : 27 Jun 2020 00:26
Operator : JC/SP
Sample : L3146-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
200624026-02-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3-Dioxolane, 2,...	7.96	5.8	ug/l	136632	2	6.84	701264	30.0
2-Pentanone, 3-me...	8.85	5.1	ug/l	177126	3	10.10	1045590	30.0
3-Hexanone, 2-met...	9.42	15.6	ug/l	544432	3	10.10	1045590	30.0
7-Oxabicyclo[2.2....	11.93	5.2	ug/l	179412	3	10.10	1045590	30.0
Eucalyptol	12.14	5.0	ug/l	175297	3	10.10	1045590	30.0
unknown12.80	12.80	6.3	ug/l	219764	3	10.10	1045590	30.0
Bicyclo[2.2.1]hep...	12.94	12.2	ug/l	426769	3	10.10	1045590	30.0