

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041563.D
 Acq On : 16 May 2024 15:06
 Operator : JC/MD
 Sample : P2505-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240507057-01

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\624X051524W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041563.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	206	213	227	rVB	53752	93828	20.17%	3.669%
2	2.550	235	240	247	rVB	7607	14027	3.01%	0.548%
3	2.953	294	306	314	rBV	2213	6006	1.29%	0.235%
4	4.897	612	625	640	rBV2	61729	188228	40.46%	7.359%
5	5.032	640	647	650	rVV5	2762	6824	1.47%	0.267%
6	5.086	652	656	667	rVB4	2918	8597	1.85%	0.336%
7	5.952	789	798	816	rBV2	65451	177518	38.15%	6.941%
8	6.763	922	931	946	rBV	139843	345741	74.31%	13.518%
9	8.647	1234	1240	1247	rBV	291808	465259	100.00%	18.191%
10	8.720	1247	1252	1262	rVB	78033	128412	27.60%	5.021%
11	10.055	1465	1471	1487	rBV	284714	408541	87.81%	15.973%
12	11.079	1634	1639	1651	rVV	246655	319115	68.59%	12.477%
13	11.421	1691	1695	1699	rBV	5434	7629	1.64%	0.298%
14	11.482	1699	1705	1710	rVB5	2979	5179	1.11%	0.202%
15	12.097	1802	1806	1812	rBV5	8946	14794	3.18%	0.578%
16	12.146	1812	1814	1820	rVB2	4126	4754	1.02%	0.186%
17	12.219	1820	1826	1836	rBV	40047	65474	14.07%	2.560%
18	12.579	1880	1885	1895	rBV	48705	63764	13.71%	2.493%
19	12.664	1895	1899	1909	rVB9	2008	5171	1.11%	0.202%
20	12.768	1909	1916	1921	rBV2	16505	23794	5.11%	0.930%
21	12.817	1921	1924	1928	rVB2	7145	9160	1.97%	0.358%
22	13.268	1994	1998	2002	rBV	19788	23453	5.04%	0.917%
23	13.384	2013	2017	2021	rBV3	4066	5878	1.26%	0.230%
24	13.506	2034	2037	2042	rVB3	3953	5502	1.18%	0.215%
25	13.585	2044	2050	2057	rBV2	28043	46055	9.90%	1.801%
26	13.737	2071	2075	2083	rVB9	3650	5886	1.27%	0.230%
27	13.841	2088	2092	2098	rBV2	4795	6313	1.36%	0.247%
28	14.036	2120	2124	2128	rVV	7992	9037	1.94%	0.353%
29	14.408	2181	2185	2188	rBV	5957	8280	1.78%	0.324%
30	14.451	2188	2192	2198	rVB2	13439	18345	3.94%	0.717%
31	14.609	2212	2218	2223	rBV	34628	43881	9.43%	1.716%
32	14.755	2235	2242	2245	rBV	18689	23175	4.98%	0.906%

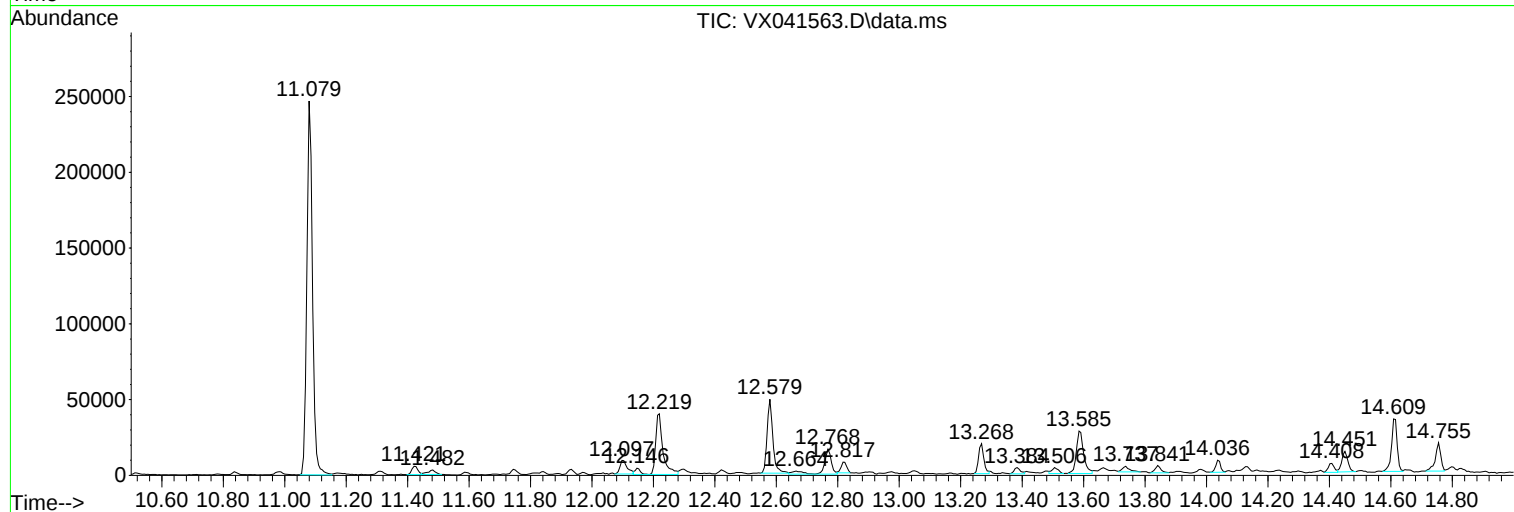
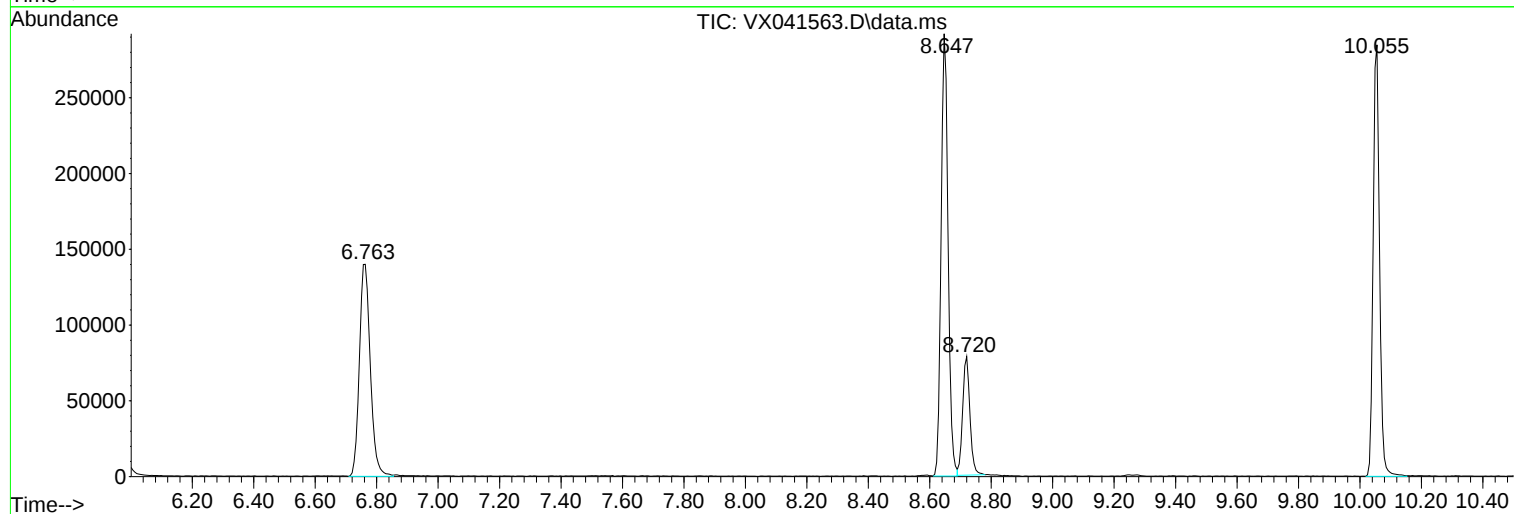
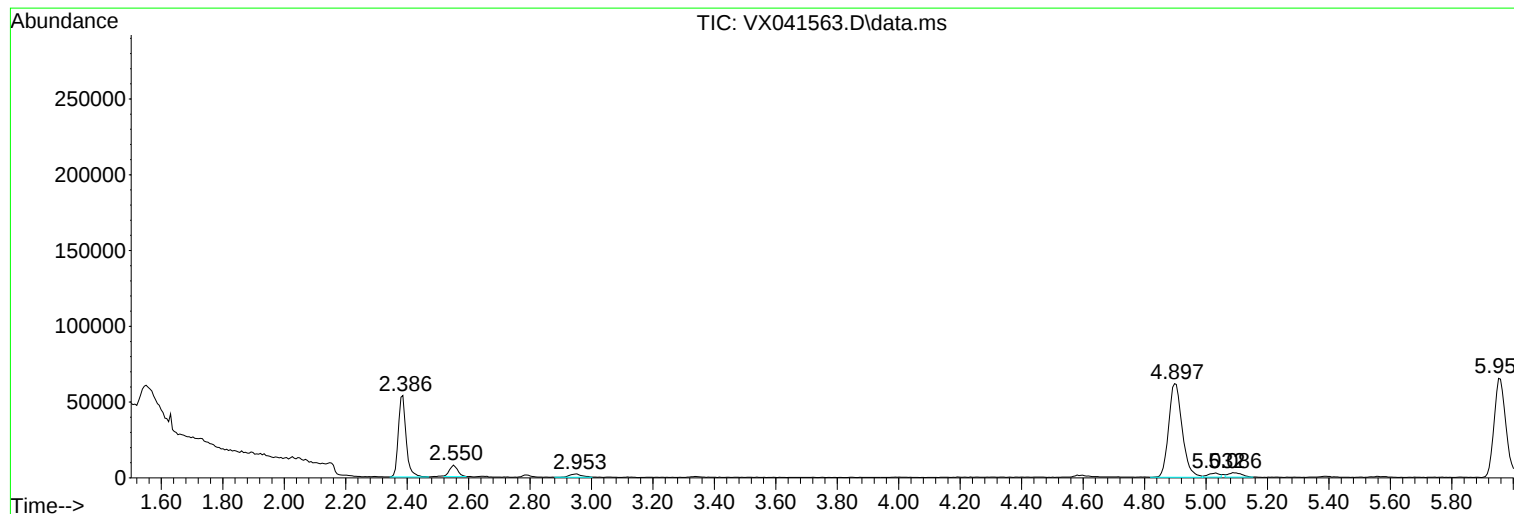
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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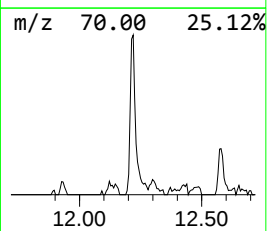
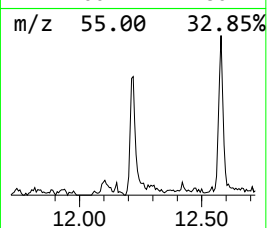
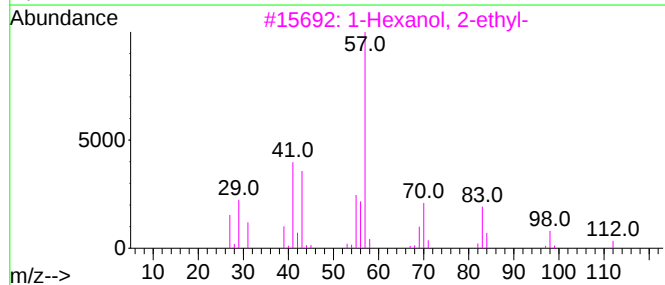
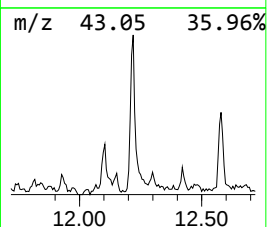
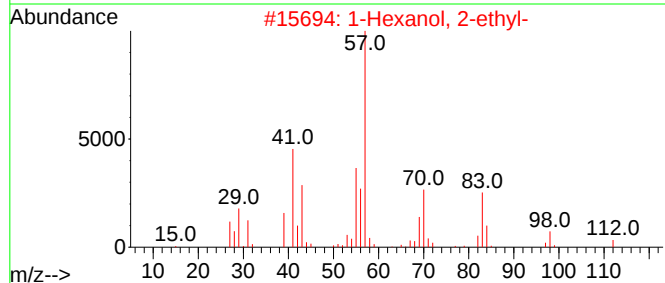
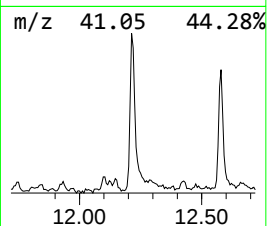
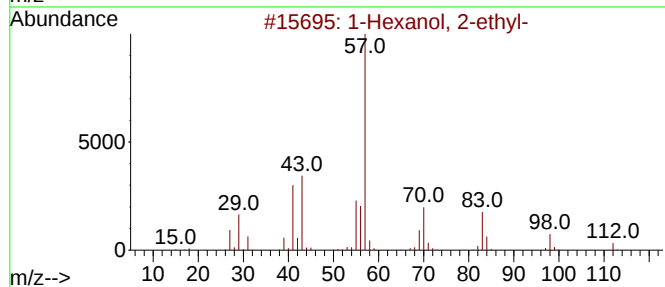
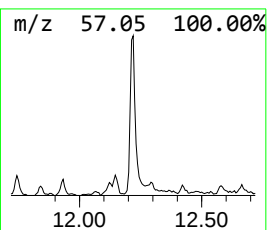
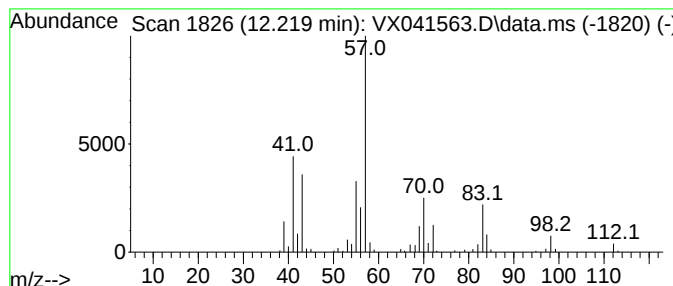
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	4.81 ug/l	65474	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	86
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	86
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72



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Instrument :
MSVOA_X
ClientSampleId :
240507057-01

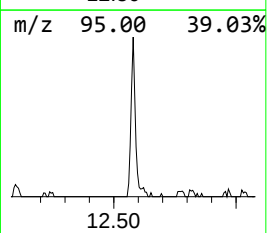
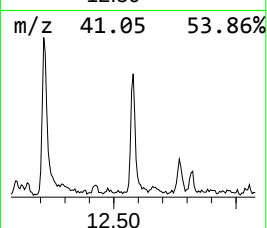
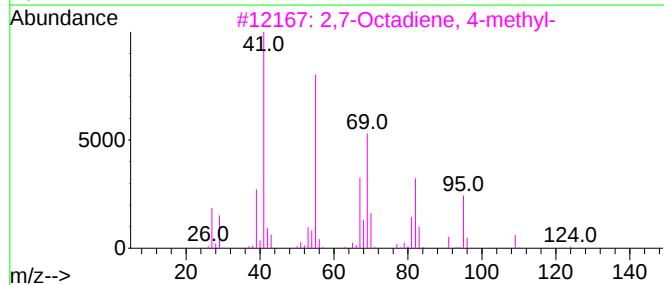
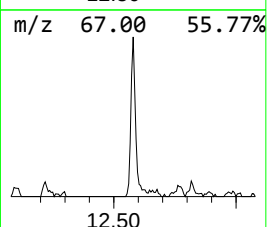
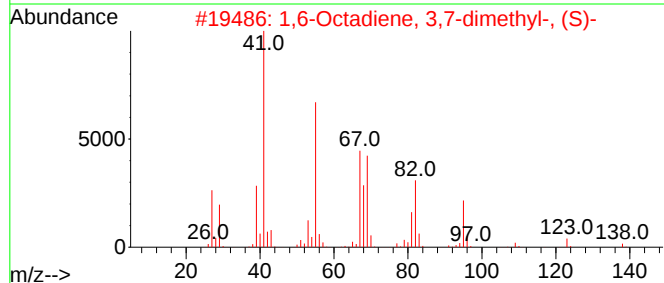
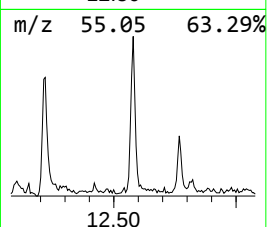
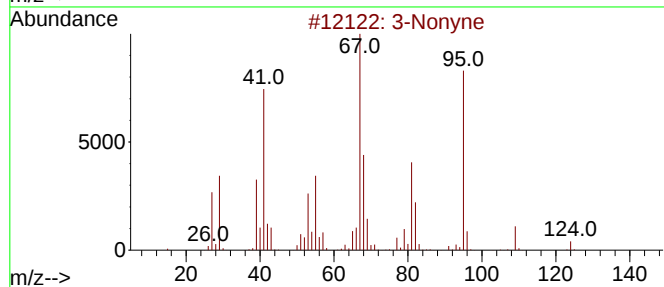
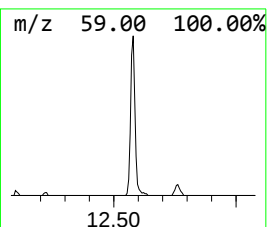
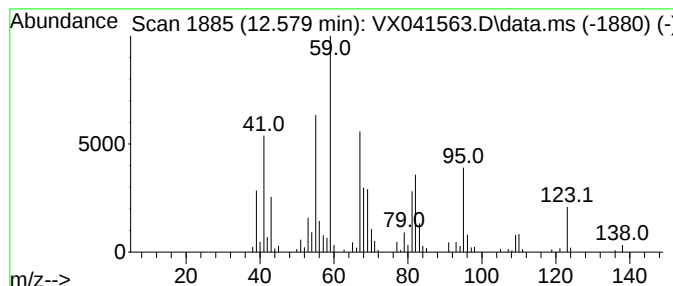
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 unknown12.579 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.579	4.68 ug/l	63764	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Nonyne	124	C9H16	020184-89-8	46
2			1,6-Octadiene, 3,7-dimethyl-, (S)-	138	C10H18	010281-55-7	38
3			2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	38
4			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	25
5			Cyclopropane, 1-methyl-2-(1-meth...	138	C10H18	024524-52-5	25



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ALS Vial : 15 Sample Multiplier: 1

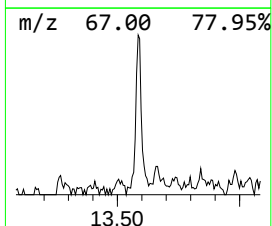
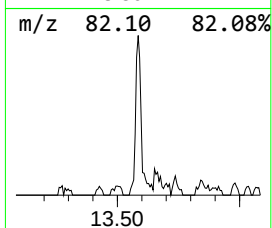
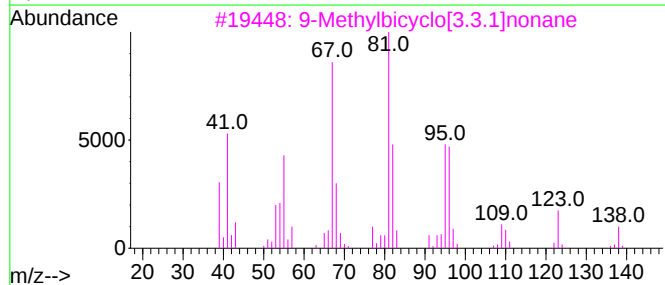
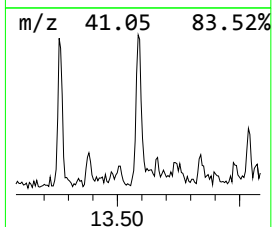
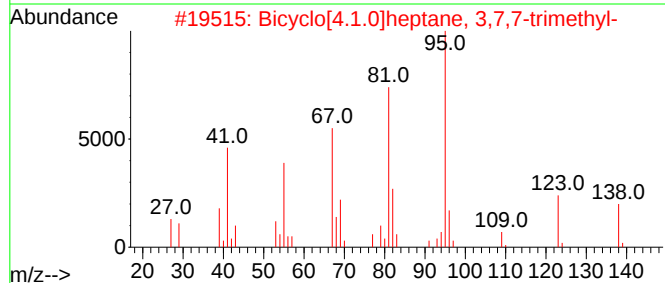
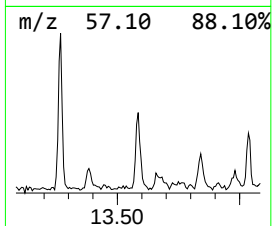
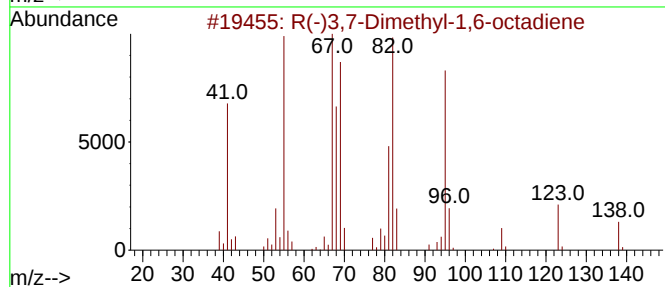
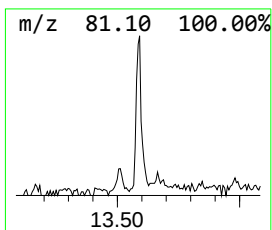
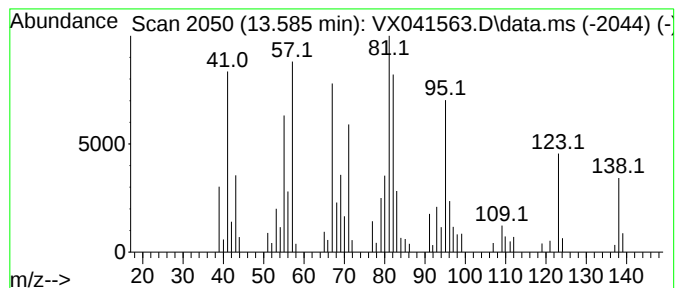
Instrument :
MSVOA_X
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 R(-)-3,7-Dimethyl-1,6-octadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.585	3.38 ug/l	46055	Chlorobenzene-d5	10.055	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	62
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	60
3	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	58
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	55
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	53



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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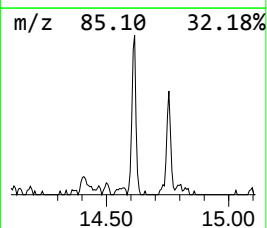
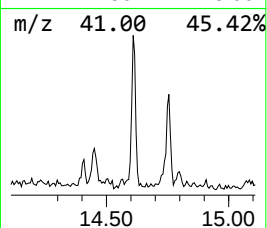
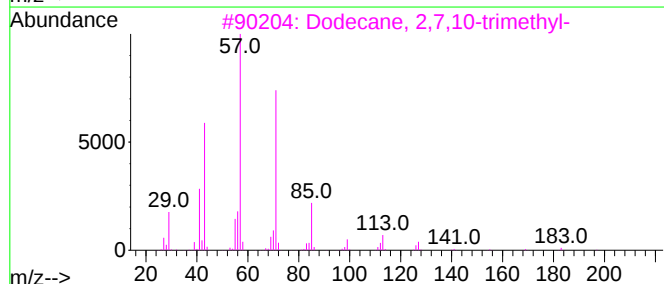
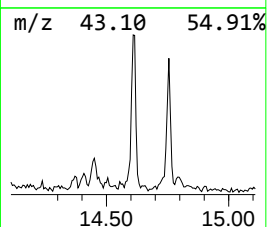
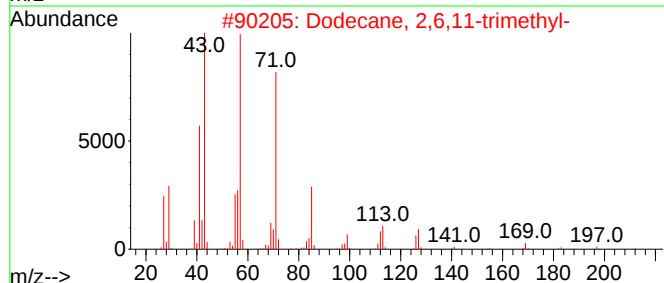
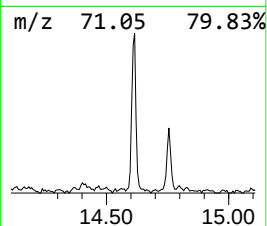
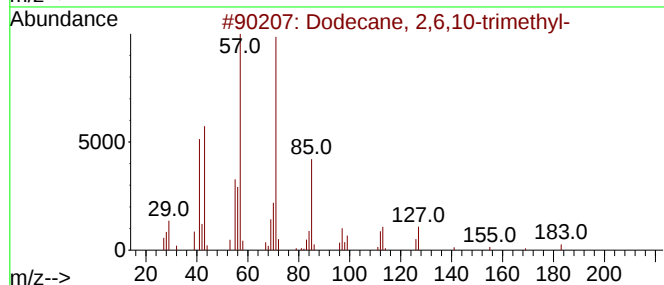
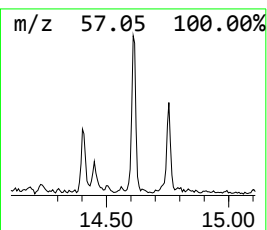
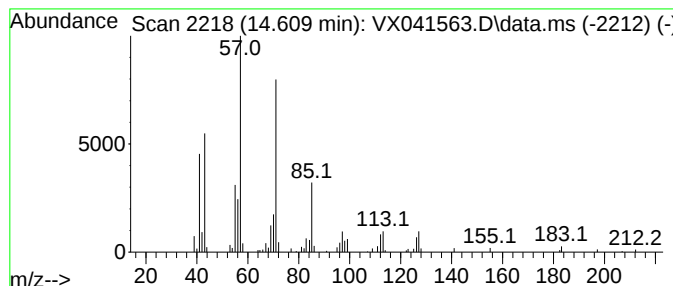
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.609	3.22 ug/l	43881	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78



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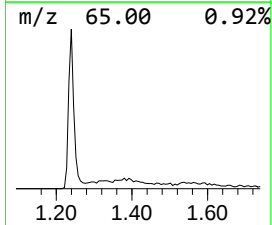
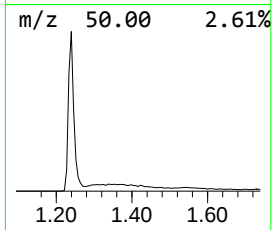
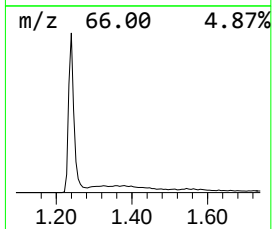
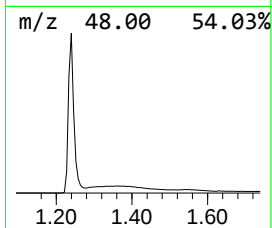
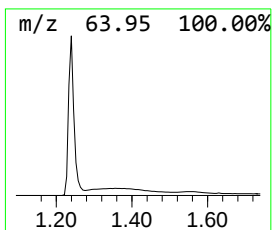
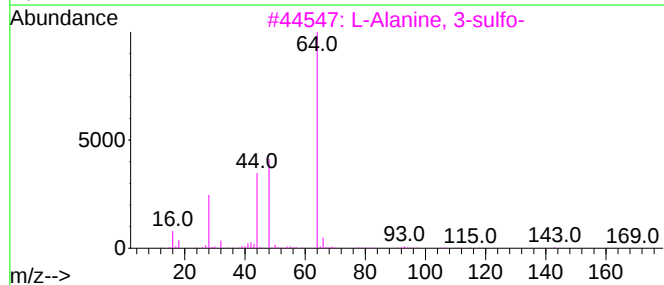
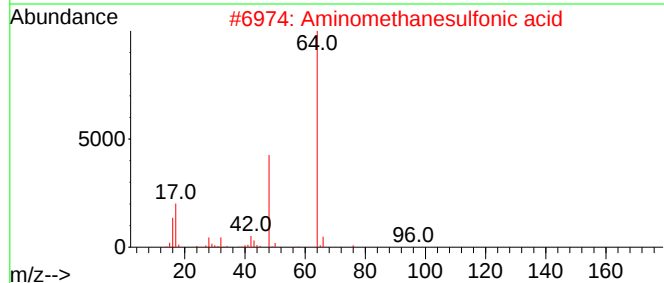
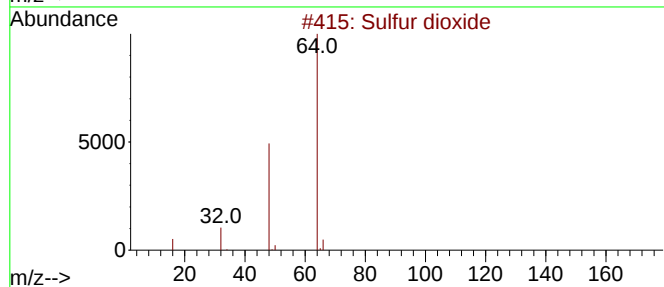
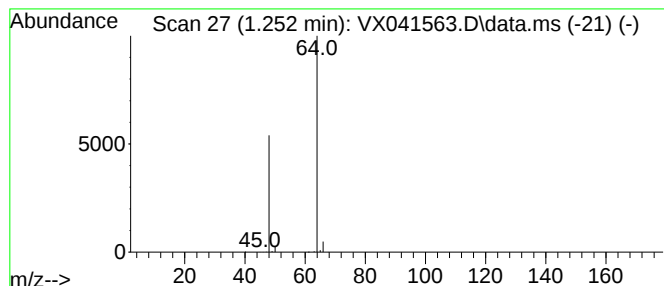
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.239	387.09 ug/l	2428720	Bromochloromethane	4.897

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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Sample : P2505-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240507057-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-et...	12.219	4.8	ug/l	65474	3	10.055	408541	30.0
unknown12.579	12.579	4.7	ug/l	63764	3	10.055	408541	30.0
R(-)3,7-Dimethy...	13.585	3.4	ug/l	46055	3	10.055	408541	30.0
Dodecane, 2,6,1...	14.609	3.2	ug/l	43881	3	10.055	408541	30.0
Sulfur dioxide	1.239	387.1	ug/l	2428720	1	4.897	188228	30.0