

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014369.D
 Acq On : 22 Jun 2023 08:05
 Operator : KP/MD
 Sample : 03362-12
 Misc : 13.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-12-13-SB-12-GRAB-5

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_Y\methods\82Y060923S.M

Title : SW846 8260

Signal : TIC: VY014369.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.869	4	8	17	rVB2	30243	45407	5.23%	0.876%
2	2.083	36	43	46	rBV5	4203	8746	1.01%	0.169%
3	2.229	62	67	76	rBV2	59463	103439	11.91%	1.997%
4	2.912	174	179	187	rBV5	4428	9706	1.12%	0.187%
5	3.966	342	352	372	rBV	56762	171128	19.71%	3.303%
6	4.210	382	392	405	rBV2	14780	46570	5.36%	0.899%
7	4.735	468	478	494	rBV5	9426	32651	3.76%	0.630%
8	7.002	840	850	867	rBV2	20446	59899	6.90%	1.156%
9	7.362	900	909	922	rVB6	4580	14274	1.64%	0.276%
10	7.734	960	970	975	rBV	131344	315606	36.35%	6.092%
11	7.801	975	981	993	rVB	230932	524701	60.44%	10.128%
12	8.155	1031	1039	1050	rBV	143536	311301	35.86%	6.009%
13	8.563	1099	1106	1112	rBV4	4022	9055	1.04%	0.175%
14	8.703	1120	1129	1140	rBV	330606	650799	74.96%	12.562%
15	8.953	1161	1170	1176	rBV9	4418	10079	1.16%	0.195%
16	9.197	1198	1210	1215	rBV5	6670	16557	1.91%	0.320%
17	10.191	1365	1373	1380	rBV	498527	868197	100.00%	16.758%
18	10.252	1380	1383	1390	rVB	10239	18469	2.13%	0.356%
19	11.502	1580	1588	1599	rBV	412304	700709	80.71%	13.525%
20	11.599	1600	1604	1614	rVV3	5216	9852	1.13%	0.190%
21	11.703	1614	1621	1638	rVB4	8619	25985	2.99%	0.502%
22	12.038	1670	1676	1683	rVB7	5120	11368	1.31%	0.219%
23	12.489	1741	1750	1756	rVV	294586	466172	53.69%	8.998%
24	12.556	1756	1761	1771	rVV4	22748	59590	6.86%	1.150%
25	12.648	1772	1776	1784	rVB8	5196	11023	1.27%	0.213%
26	12.794	1794	1800	1814	rVB4	35743	87742	10.11%	1.694%
27	12.916	1814	1820	1826	rBV2	36712	66144	7.62%	1.277%
28	13.075	1843	1846	1851	rVB2	6872	9727	1.12%	0.188%
29	13.288	1872	1881	1885	rBV5	9936	21374	2.46%	0.413%
30	13.434	1897	1905	1910	rBV	273230	449506	51.77%	8.677%
31	13.477	1910	1912	1919	rVV3	10883	23343	2.69%	0.451%
32	13.971	1987	1993	2003	rVB	12553	21534	2.48%	0.416%

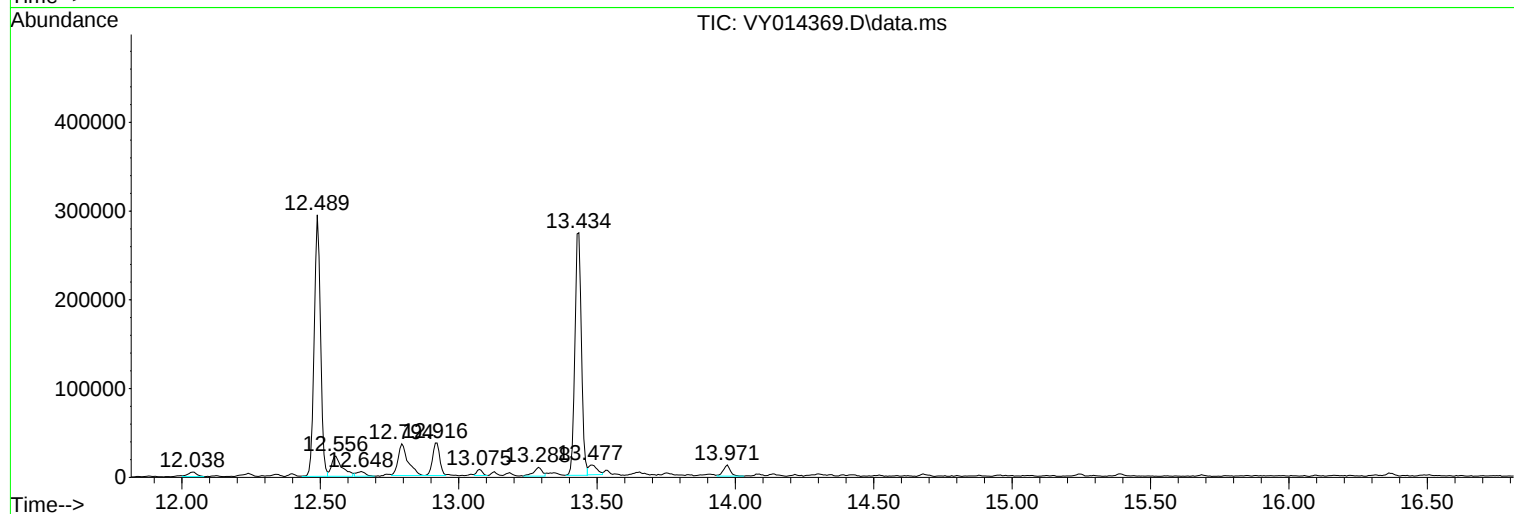
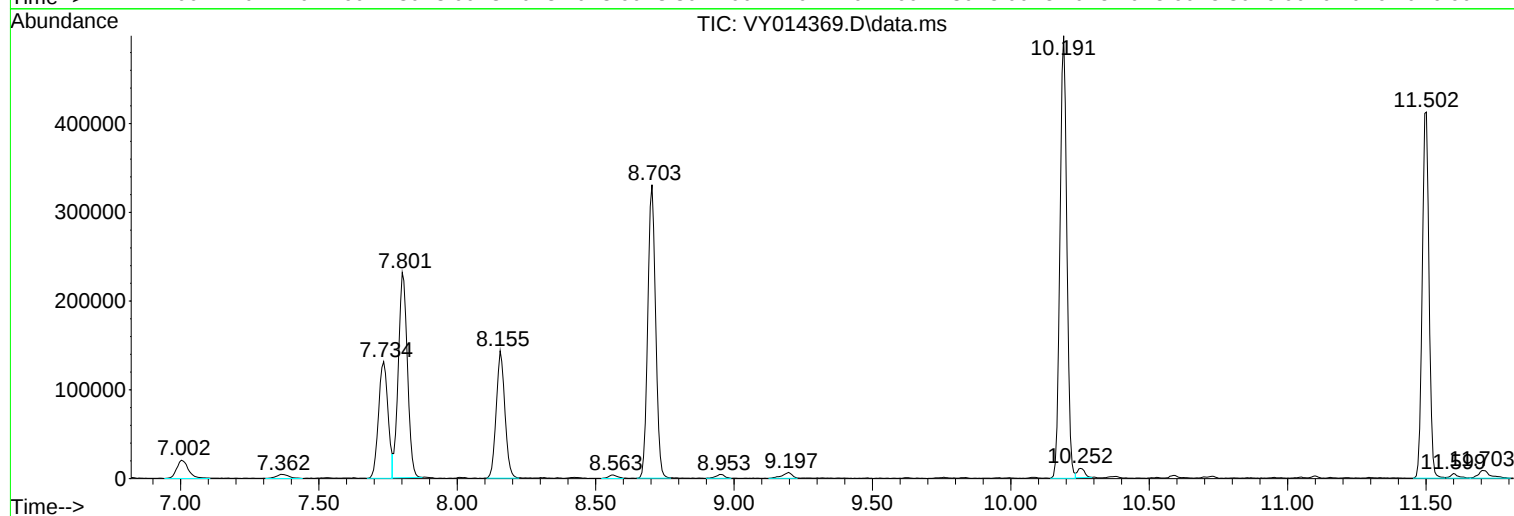
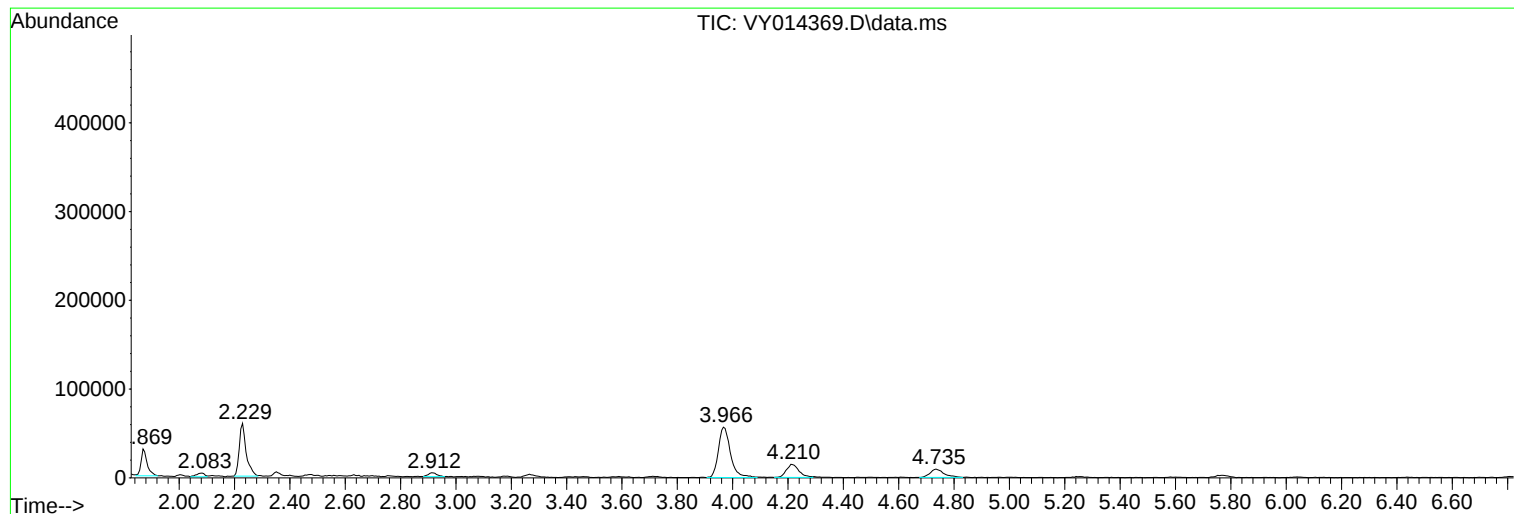
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ClientSampleId :
TOTAL-VOC-SB-12-13-SB-12-GRAB-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260

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



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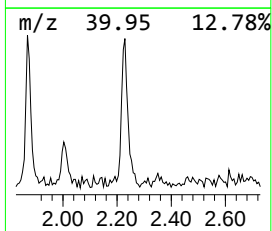
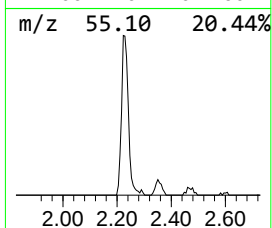
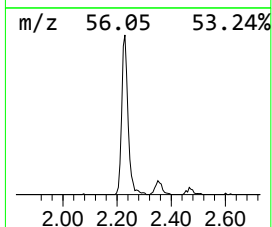
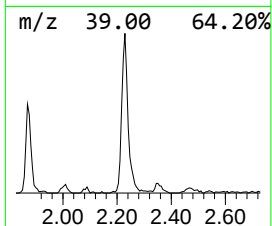
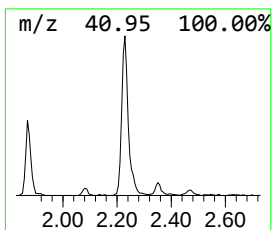
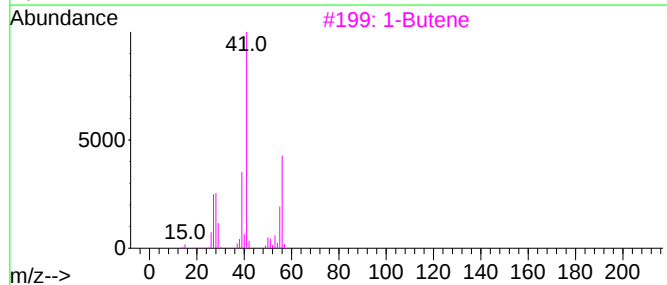
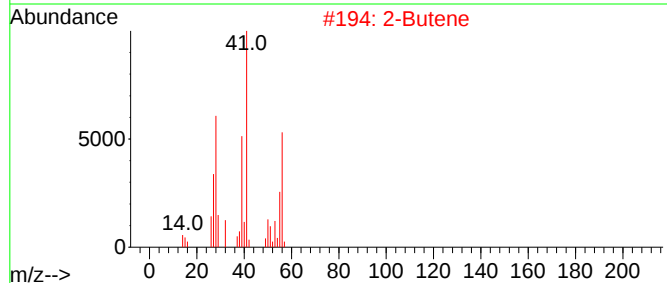
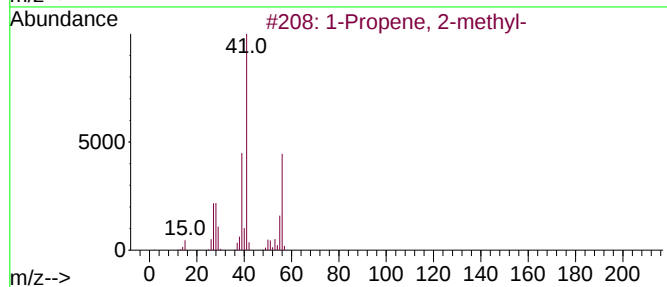
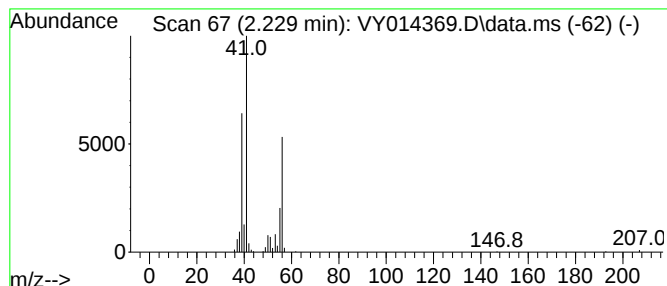
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.229	9.86 ug/l	103439	Pentafluorobenzene	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-			56	C4H8	000115-11-7	91
2	2-Butene			56	C4H8	000107-01-7	49
3	1-Butene			56	C4H8	000106-98-9	49
4	2-Butene, (Z)-			56	C4H8	000590-18-1	49
5	Cyclobutane			56	C4H8	000287-23-0	49



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ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-12-13-SB-12-GRAB-5

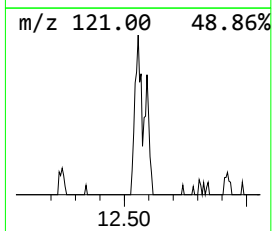
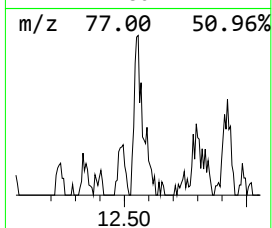
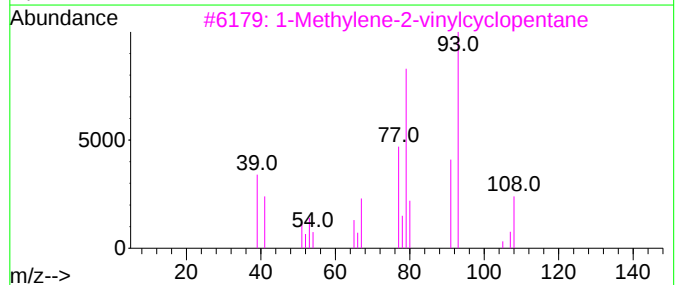
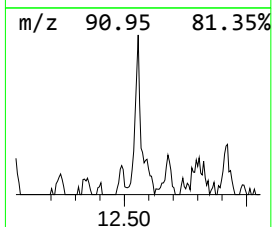
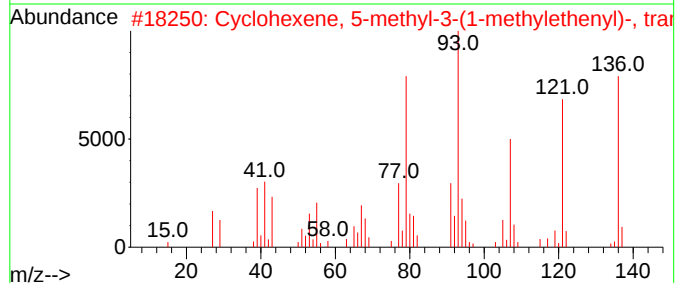
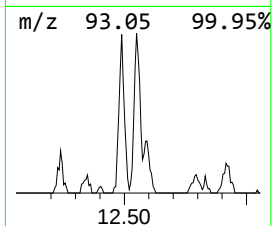
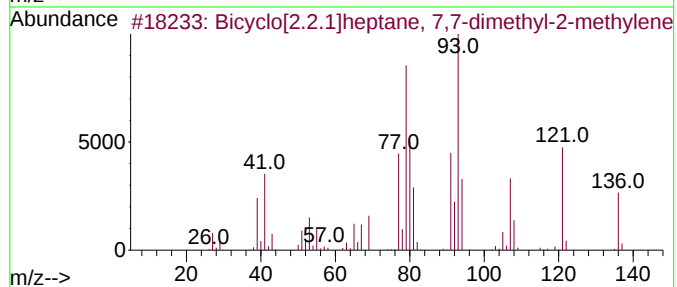
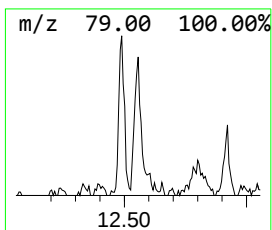
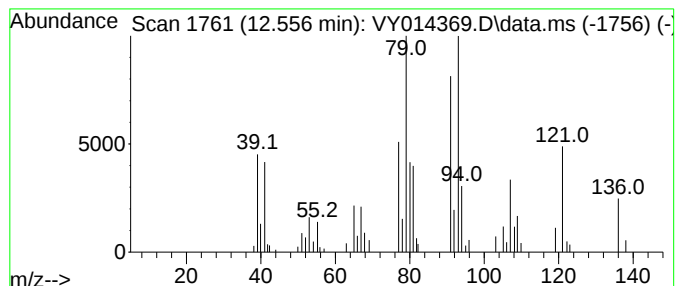
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260

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

Peak Number 2 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.556	6.63 ug/l	59590	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	95
2			Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	74
3			1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	64
4			Cyclobutane, 2-ethylidene-1-vinyl-	108	C8H12	1000150-32-4	64
5			2,4,6-Trimethyl-1,3,6-heptatriene	136	C10H16	024648-33-7	58



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ClientSampleId :
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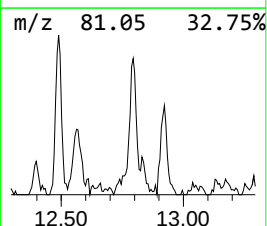
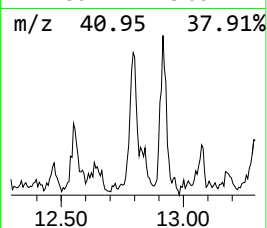
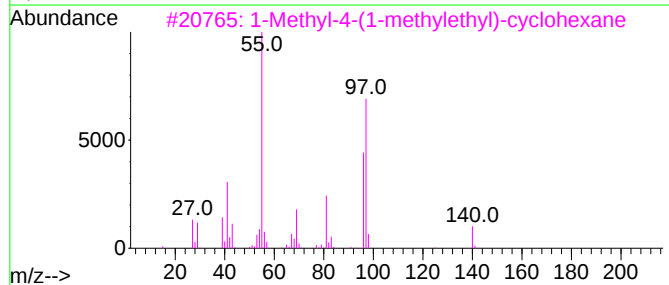
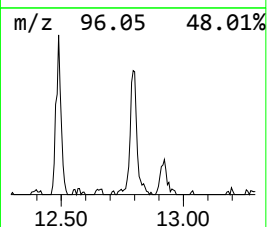
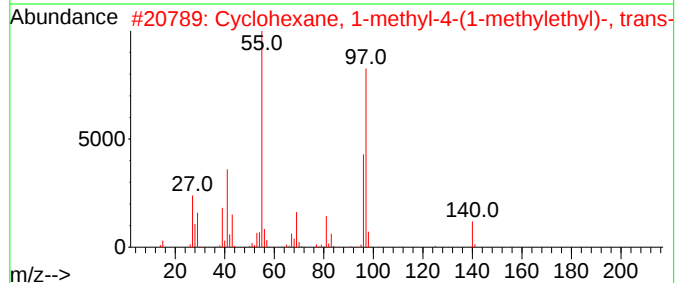
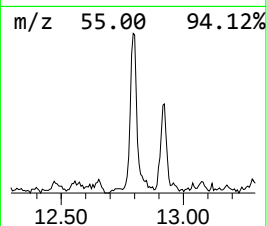
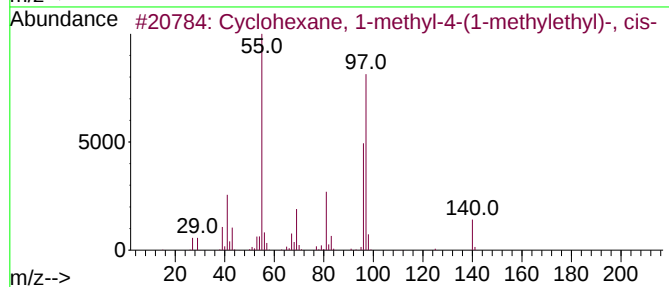
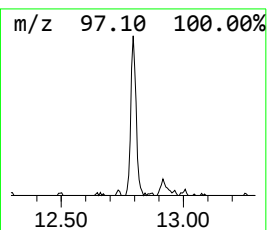
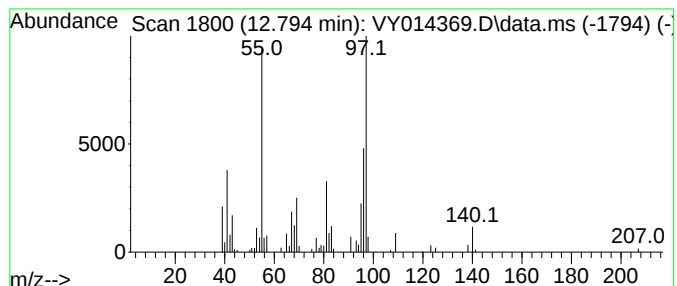
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Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.794	9.76 ug/l	87742	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	83
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	74
4			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	72



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ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-12-13-SB-12-GRAB-5

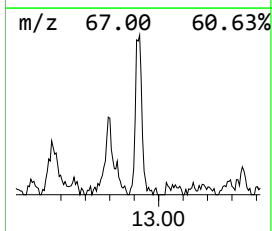
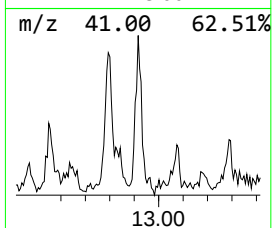
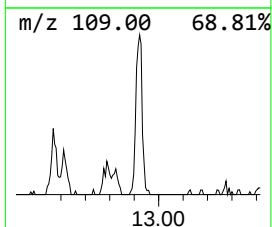
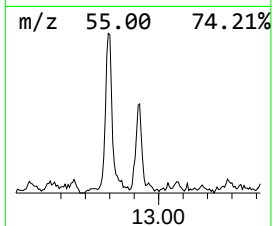
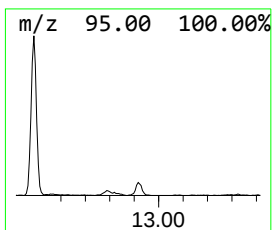
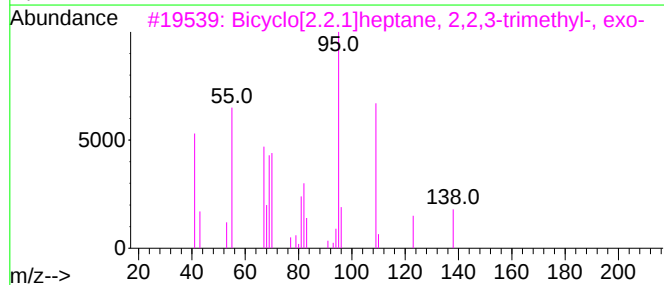
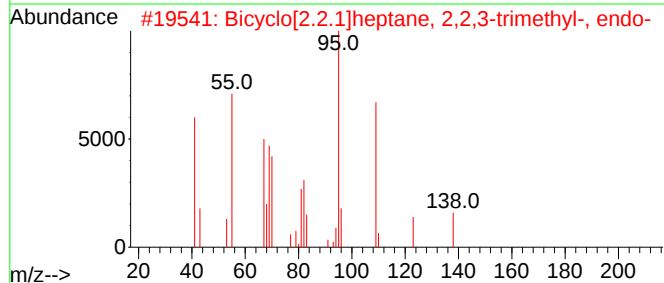
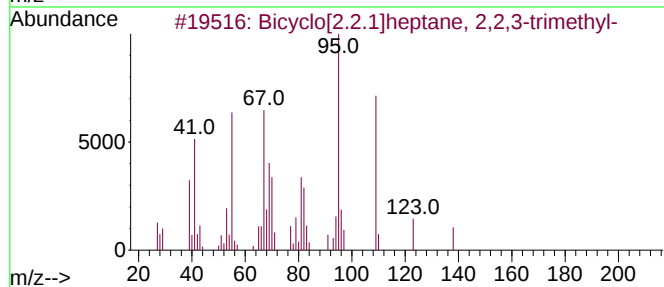
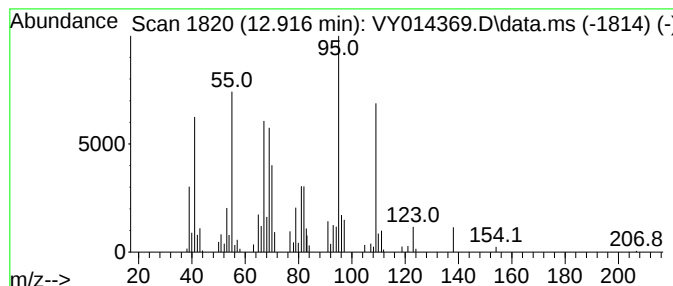
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Quant Title : SW846 8260

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

Peak Number 4 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	7.36 ug/l	66144	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	97
2			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	95
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	93
4			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	53
5			Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	53



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Quant Title : SW846 8260

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-Propene, 2-me...	2.229	9.9	ug/l	103439	1	7.801	524701	50.0
Bicyclo[2.2.1]h...	12.556	6.6	ug/l	59590	4	13.434	449506	50.0
Cyclohexane, 1-...	12.794	9.8	ug/l	87742	4	13.434	449506	50.0
Bicyclo[2.2.1]h...	12.916	7.4	ug/l	66144	4	13.434	449506	50.0