

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016330.D
 Acq On : 13 Nov 2023 18:06
 Operator : SY/MD
 Sample : 05366-02
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-14(10-15)

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\82Y110823S.M

Title : SW846 8260

Signal : TIC: VY016330.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.734	960	970	976	rBV	76608	182920	2.48%	1.250%
2	7.807	976	982	994	rVB	124475	279199	3.78%	1.907%
3	8.161	1031	1040	1053	rBV	82235	188370	2.55%	1.287%
4	8.703	1121	1129	1143	rBV	196638	387576	5.24%	2.648%
5	10.191	1365	1373	1381	rBV	304079	533890	7.22%	3.647%
6	11.502	1580	1588	1600	rBV	297512	505310	6.84%	3.452%
7	12.245	1696	1710	1717	rBV3	34722	89841	1.22%	0.614%
8	12.349	1717	1727	1742	rBV	4698050	7390161	100.00%	50.487%
9	12.495	1745	1751	1757	rBV	271118	425103	5.75%	2.904%
10	12.593	1763	1767	1774	rVB	177339	295234	3.99%	2.017%
11	12.904	1812	1818	1824	rVB	110589	179415	2.43%	1.226%
12	13.349	1885	1891	1900	rVV2	330542	602878	8.16%	4.119%
13	13.440	1900	1906	1914	rVB	321213	535875	7.25%	3.661%
14	13.763	1953	1959	1963	rBV2	56146	104411	1.41%	0.713%
15	14.086	2007	2012	2017	rBV4	43327	88304	1.19%	0.603%
16	14.275	2038	2043	2046	rBV3	67498	121234	1.64%	0.828%
17	14.428	2065	2068	2072	rVV3	62372	92944	1.26%	0.635%
18	14.629	2097	2101	2104	rVV3	60244	90763	1.23%	0.620%
19	14.690	2106	2111	2115	rVV3	91018	178556	2.42%	1.220%
20	14.739	2115	2119	2126	rVV2	148861	244954	3.31%	1.673%
21	14.952	2151	2154	2158	rVB3	77897	107757	1.46%	0.736%
22	15.062	2167	2172	2177	rVB2	142623	288990	3.91%	1.974%
23	15.220	2193	2198	2208	rBV2	125454	344450	4.66%	2.353%
24	15.355	2215	2220	2223	rBV3	74794	139405	1.89%	0.952%
25	15.403	2225	2228	2232	rVV4	79963	127997	1.73%	0.874%
26	15.446	2232	2235	2243	rVB7	52059	122693	1.66%	0.838%
27	15.525	2243	2248	2258	rBV8	46741	161030	2.18%	1.100%
28	15.623	2259	2264	2268	rBV5	74178	127413	1.72%	0.870%
29	15.684	2270	2274	2286	rVB7	54627	141267	1.91%	0.965%
30	15.891	2303	2308	2314	rVV3	45848	97673	1.32%	0.667%
31	16.043	2326	2333	2338	rBV3	85471	185567	2.51%	1.268%
32	16.501	2401	2408	2420	rVB2	108313	276449	3.74%	1.889%

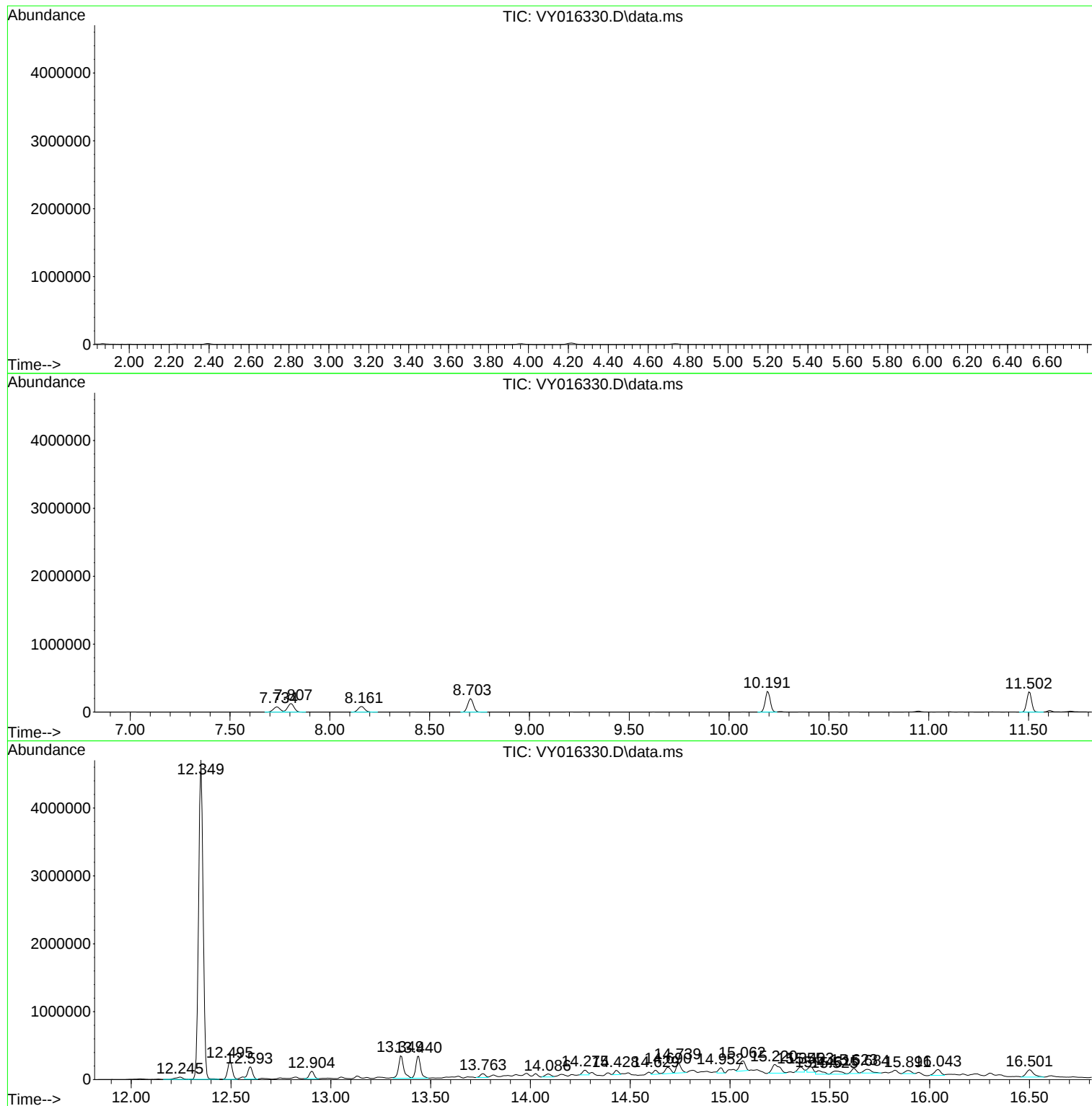
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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



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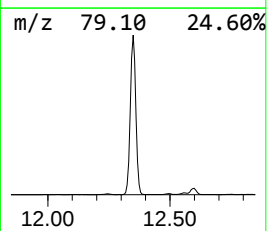
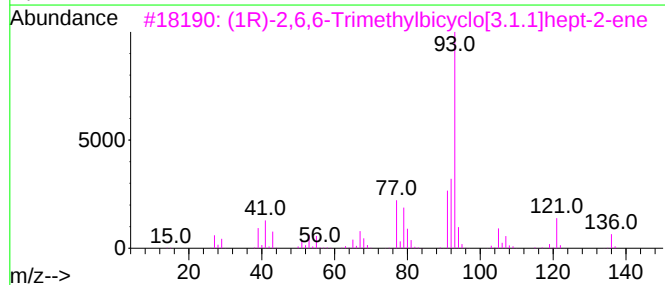
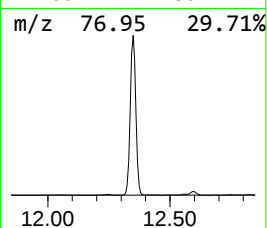
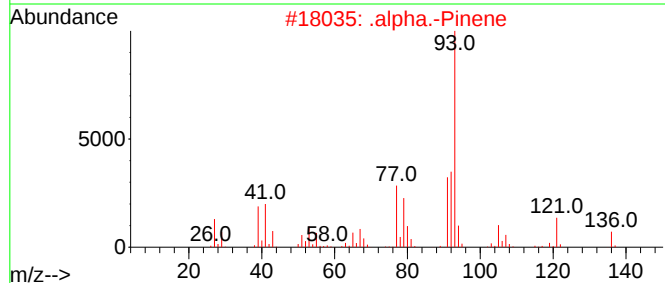
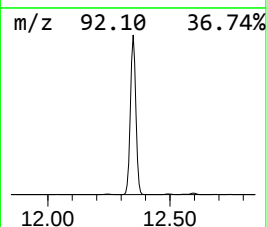
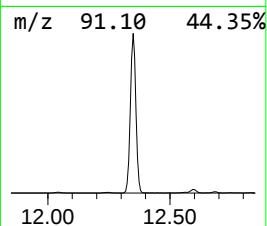
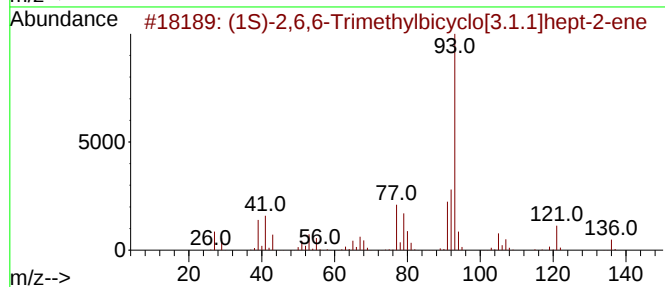
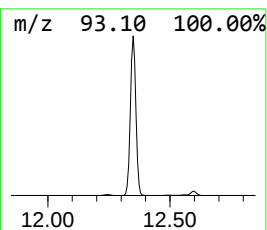
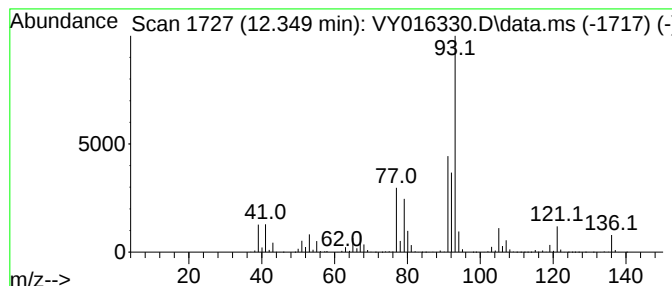
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.349	731.25 ug/l	7390160	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	97		
2	.alpha.-Pinene	136	C10H16	000080-56-8	96		
3	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95		
4	(+)-3-Carene	136	C10H16	000498-15-7	91		
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91		



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ClientSampleId :
P-14(10-15)

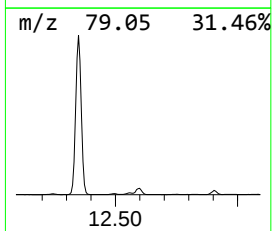
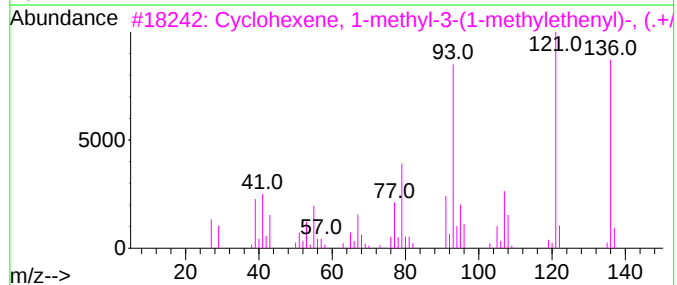
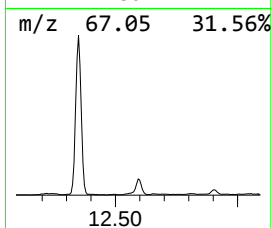
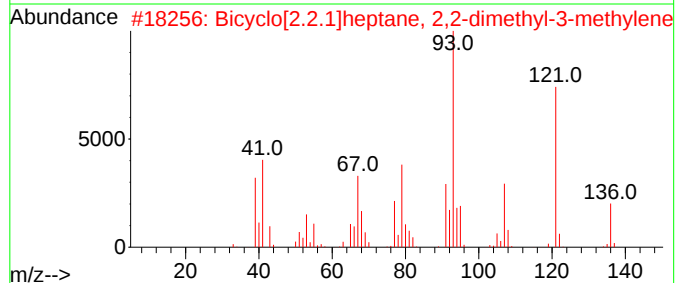
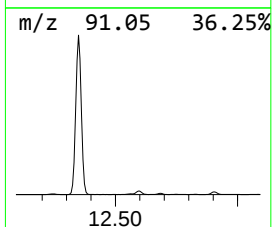
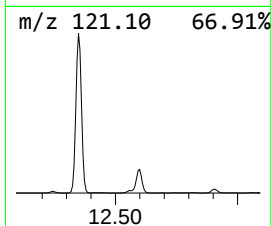
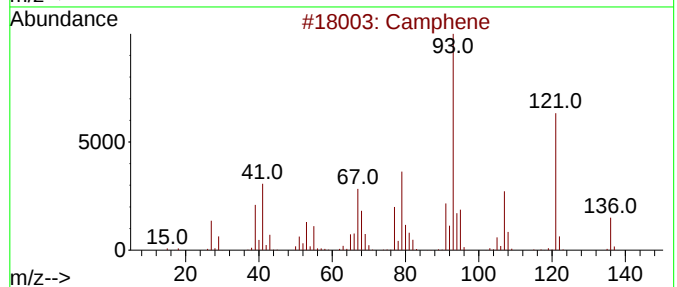
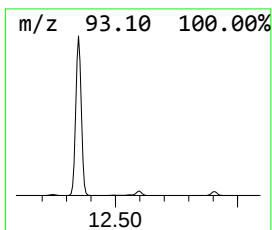
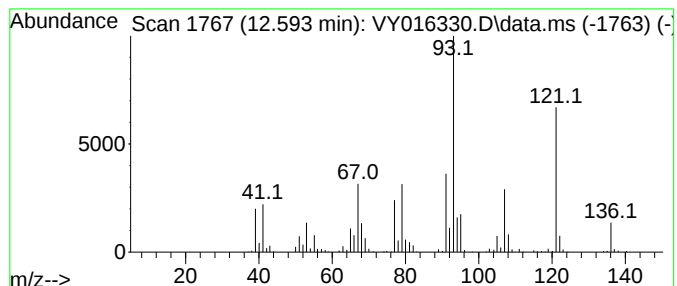
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 2 Camphene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.593	27.55 ug/l	295234	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	95
2			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	91
3			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	80
4			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	80
5			.beta.-Pinene	136	C10H16	000127-91-3	74



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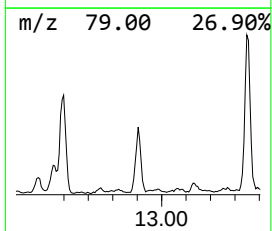
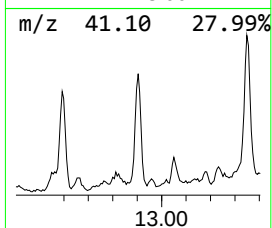
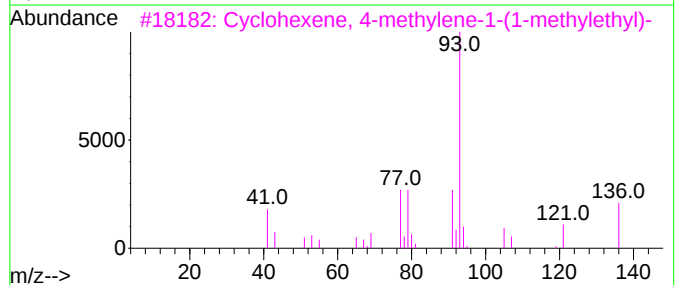
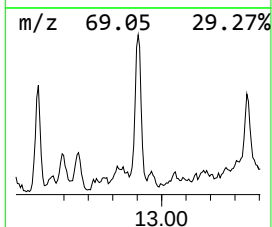
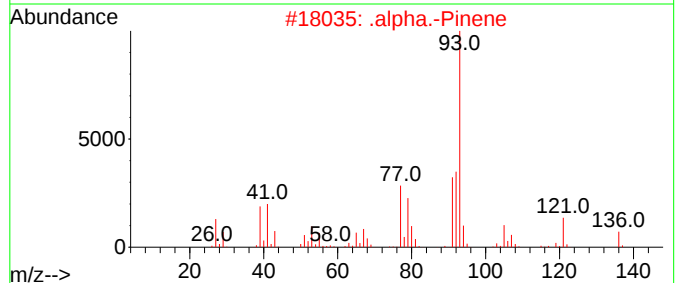
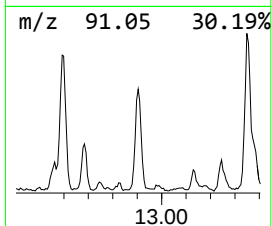
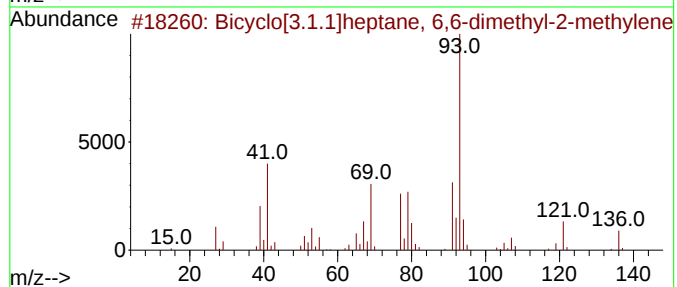
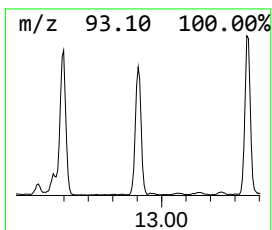
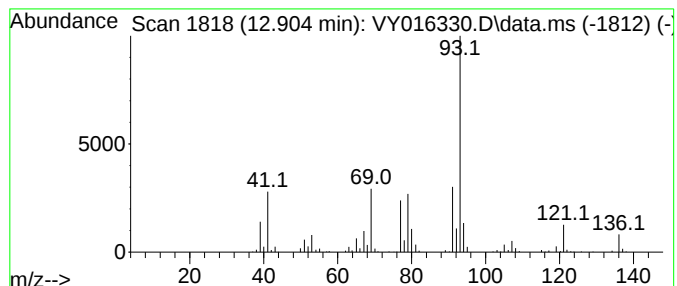
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	16.74 ug/l	179415	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2			.alpha.-Pinene	136	C10H16	000080-56-8	91
3			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4			.beta.-Pinene	136	C10H16	000127-91-3	91
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P-14(10-15)

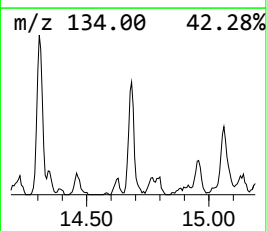
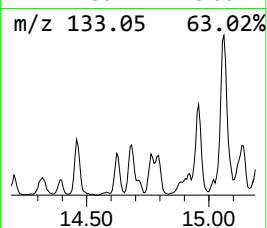
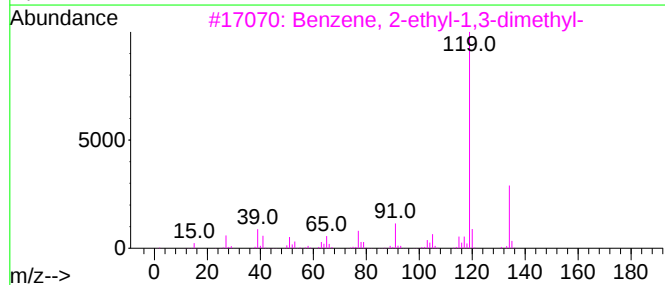
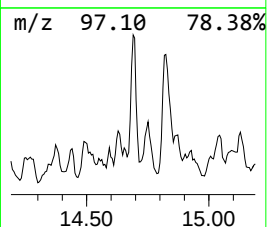
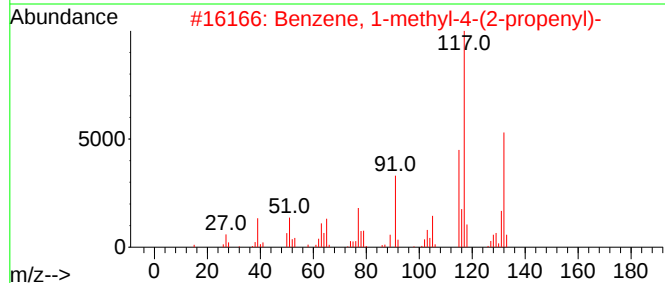
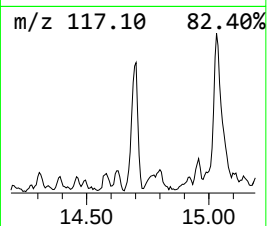
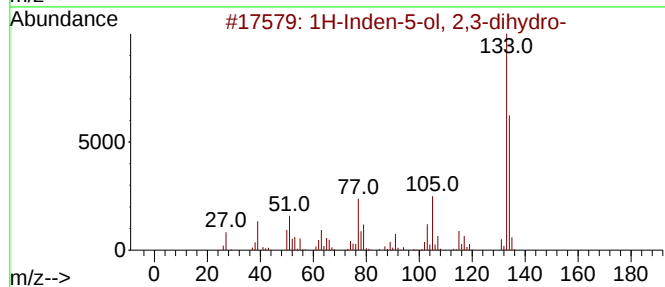
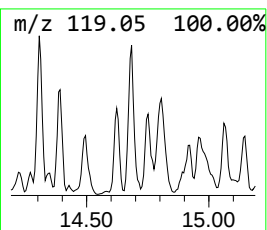
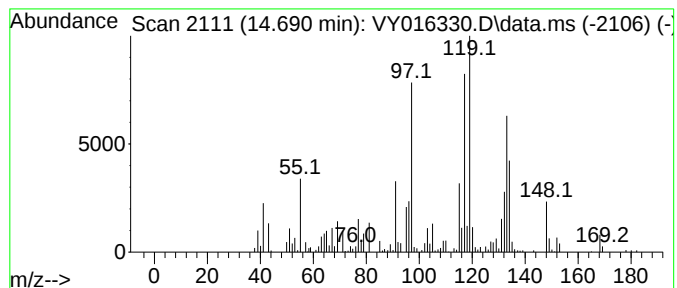
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.690 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	16.66 ug/l	178556	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	45
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	40
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	25
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	25



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ClientSampleId :
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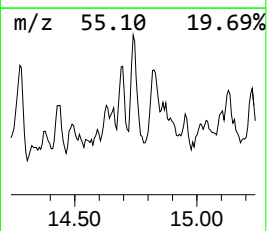
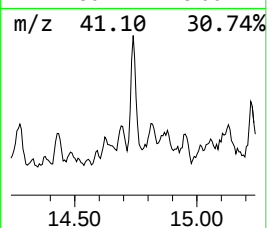
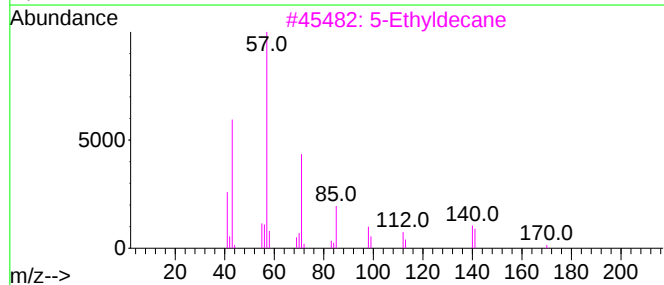
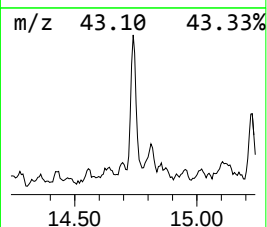
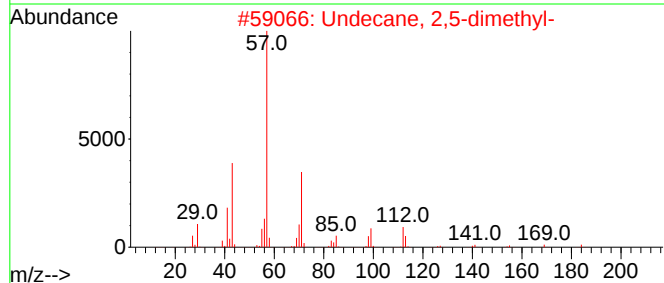
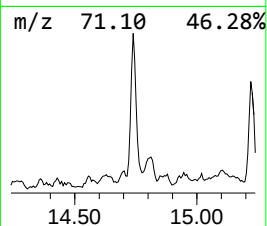
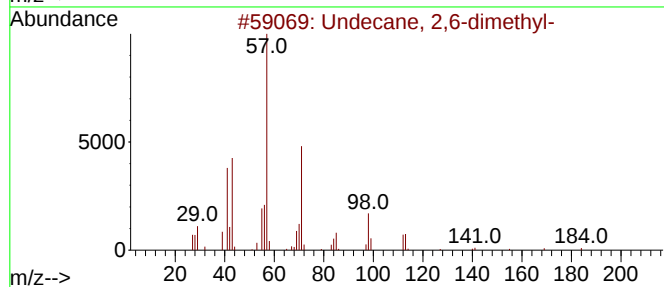
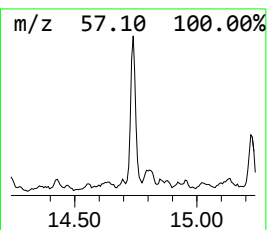
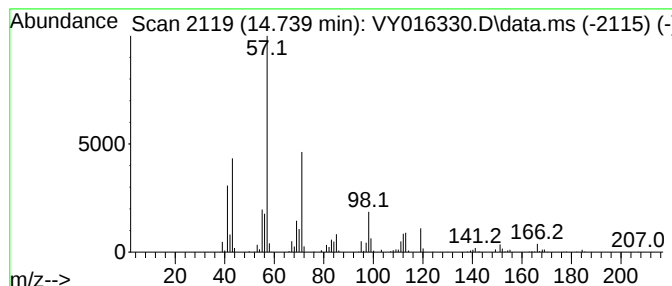
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	22.86 ug/l	244954	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3			5-Ethyldecane	170	C12H26	017302-36-2	53
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	52
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47



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Instrument :
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ClientSampleId :
P-14(10-15)

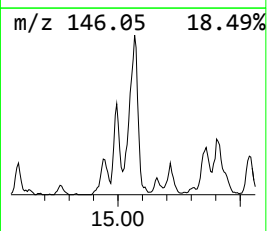
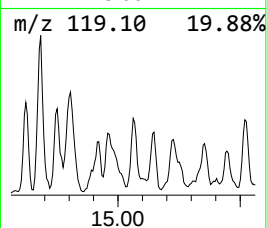
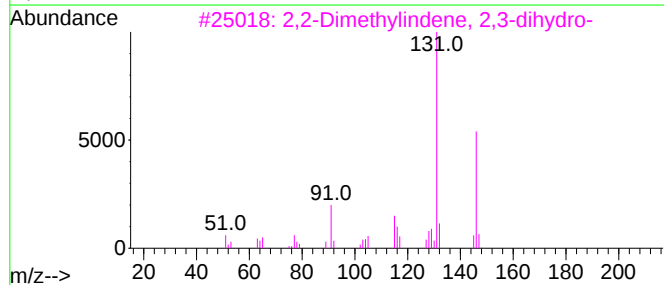
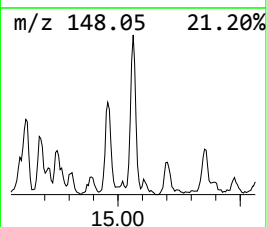
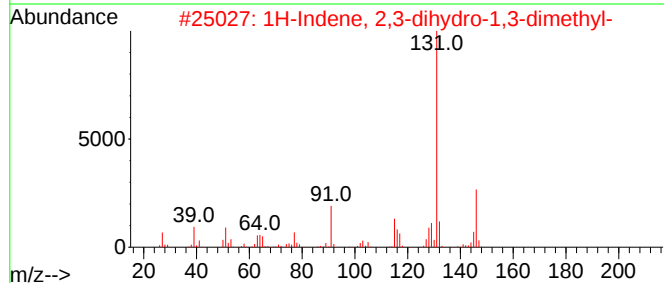
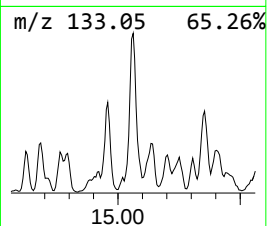
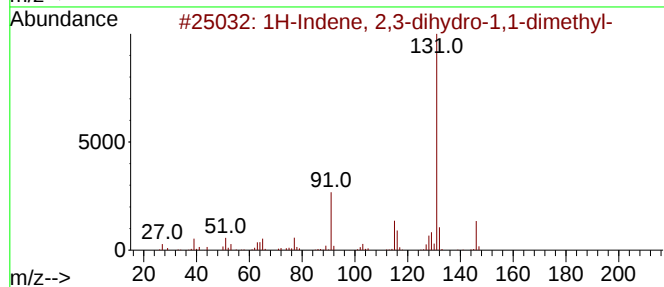
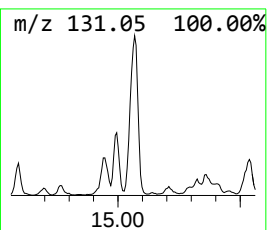
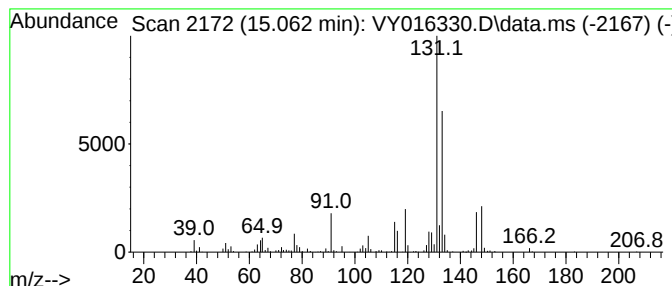
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	26.96 ug/l	288990	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	60		
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60		
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60		
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60		
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016330.D
Acq On : 13 Nov 2023 18:06
Operator : SY/MD
Sample : 05366-02
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

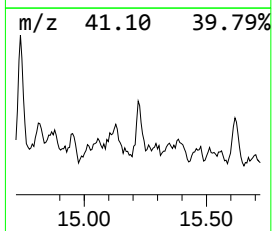
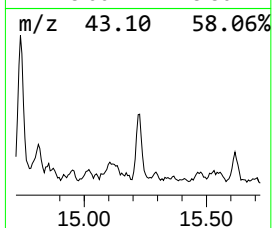
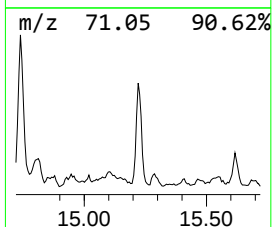
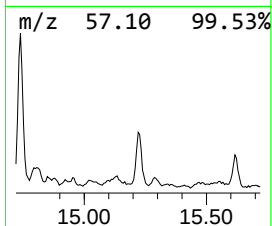
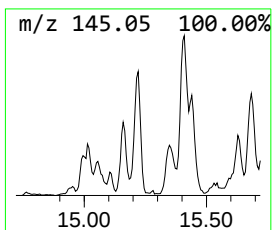
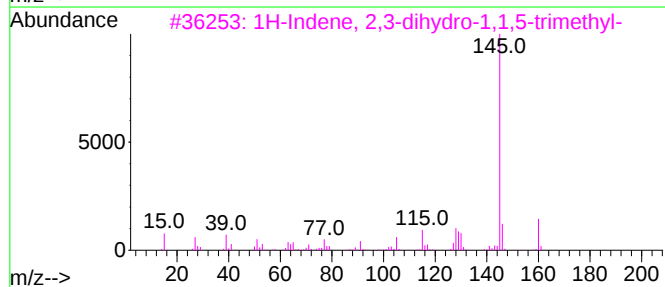
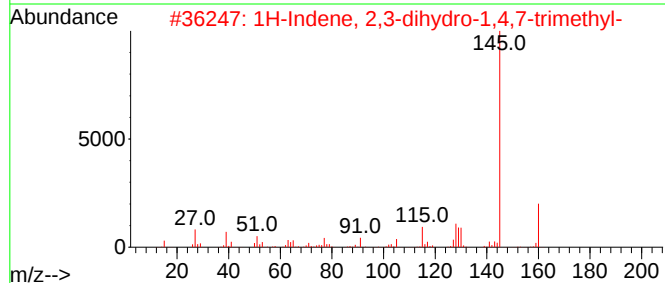
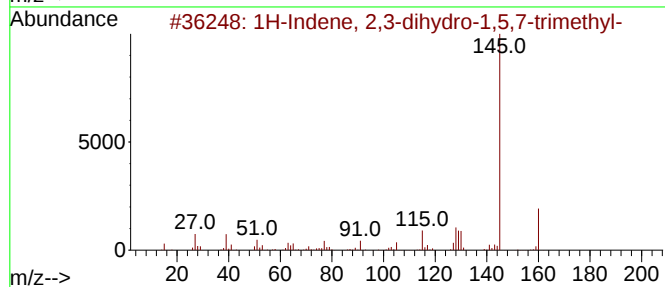
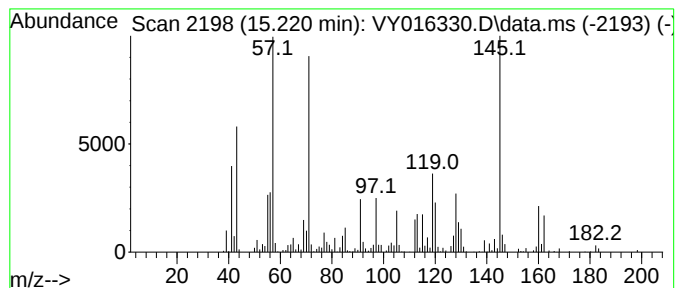
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.220	32.14 ug/l	344450	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	52
2			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	46
3			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	41
4			1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	38
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016330.D
Acq On : 13 Nov 2023 18:06
Operator : SY/MD
Sample : 05366-02
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

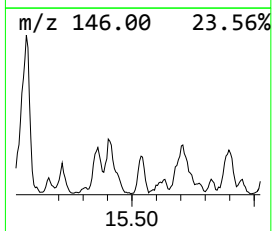
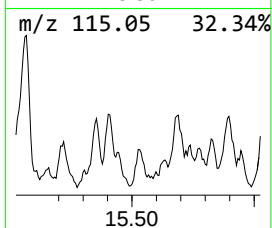
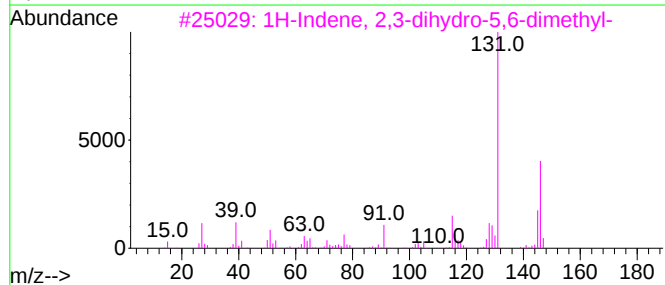
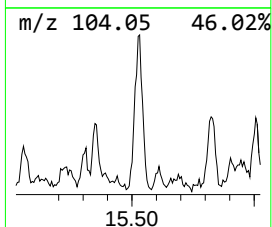
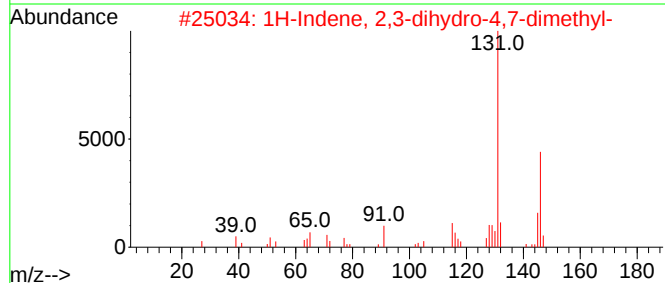
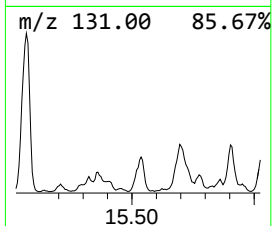
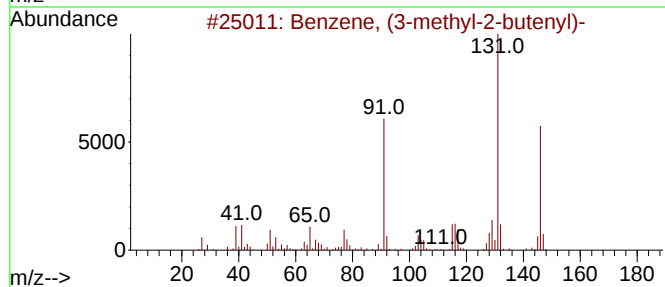
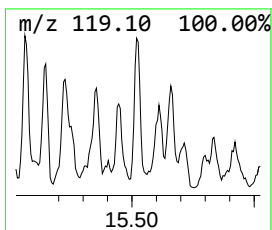
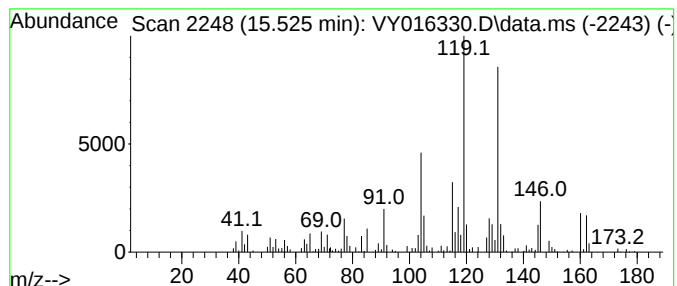
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.525 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.525	15.03 ug/l	161030	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
3			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	42
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	41
5			Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016330.D
Acq On : 13 Nov 2023 18:06
Operator : SY/MD
Sample : 05366-02
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

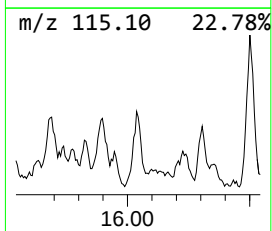
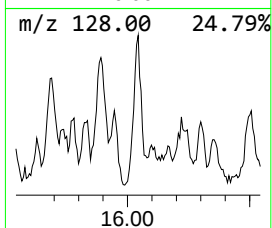
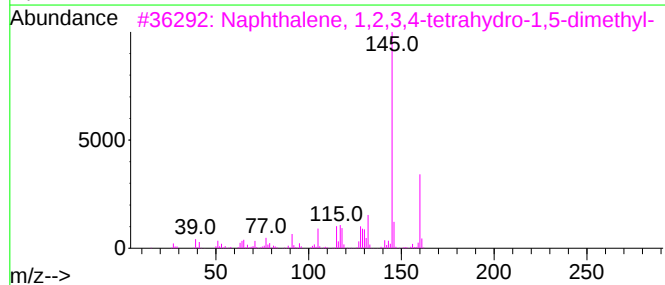
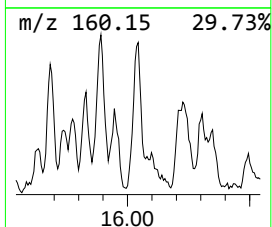
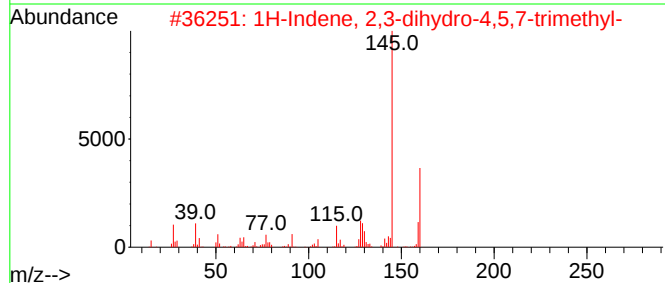
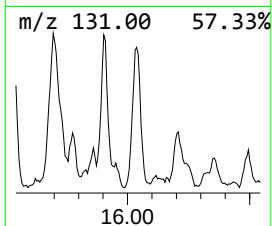
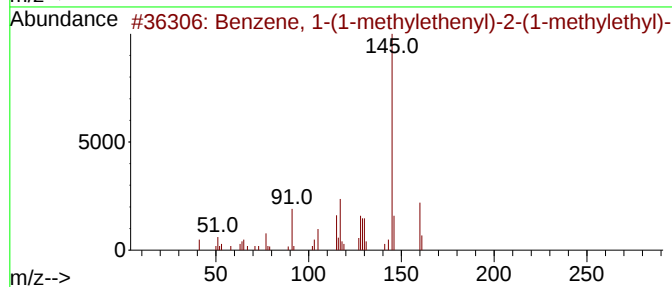
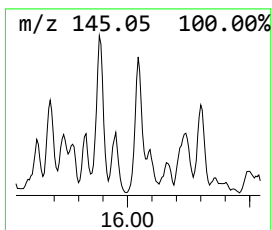
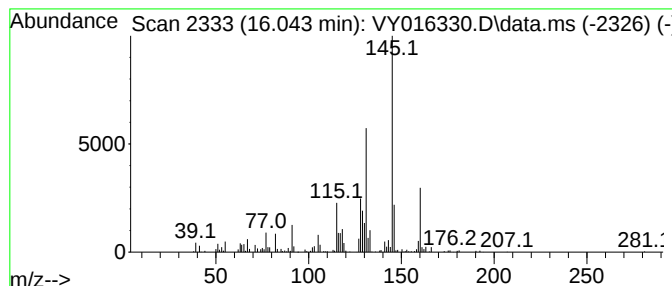
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-(1-methylethenyl)... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.043	17.31 ug/l	185567	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	62
2			1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	49
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	49
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016330.D
Acq On : 13 Nov 2023 18:06
Operator : SY/MD
Sample : 05366-02
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

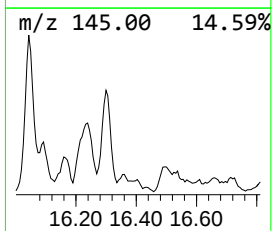
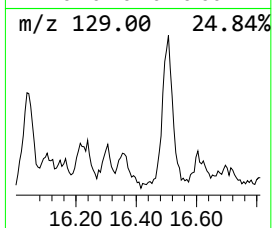
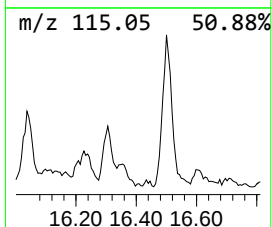
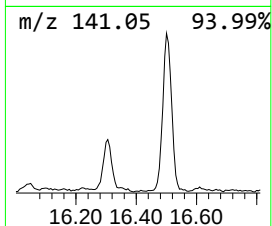
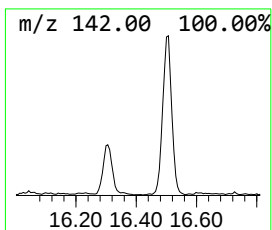
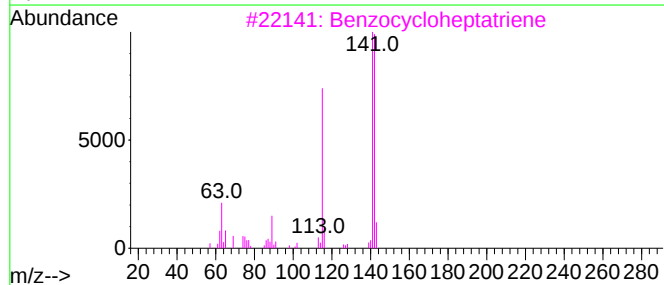
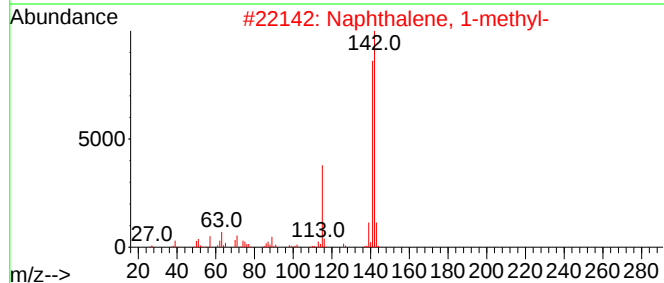
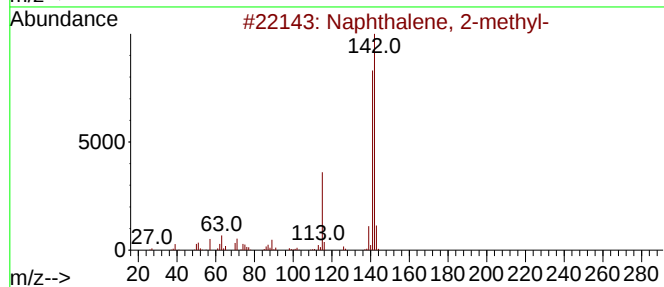
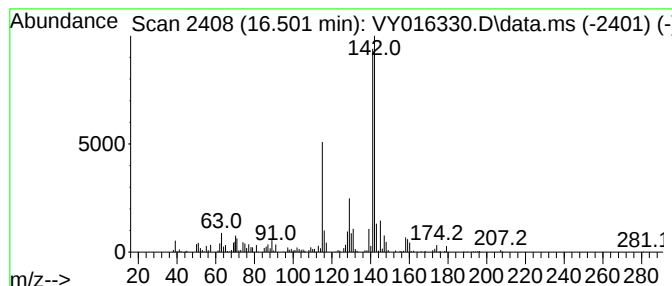
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	25.79 ug/l	276449	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			Benzocycloheptatriene	142	C11H10	000264-09-5	81
4			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	76
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016330.D
Acq On : 13 Nov 2023 18:06
Operator : SY/MD
Sample : 05366-02
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Camphene	12.593	27.6	ug/l	295234	4	13.440	535875	50.0
Bicyclo[3.1.1]h...	12.904	16.7	ug/l	179415	4	13.440	535875	50.0
unknown14.690	14.690	16.7	ug/l	178556	4	13.440	535875	50.0
Undecane, 2,6-d...	14.739	22.9	ug/l	244954	4	13.440	535875	50.0
1H-Indene, 2,3-...	15.062	27.0	ug/l	288990	4	13.440	535875	50.0
1H-Indene, 2,3-...	15.220	32.1	ug/l	344450	4	13.440	535875	50.0
unknown15.525	15.525	15.0	ug/l	161030	4	13.440	535875	50.0
Benzene, 1-(1-m...	16.043	17.3	ug/l	185567	4	13.440	535875	50.0
Naphthalene, 1-...	16.501	25.8	ug/l	276449	4	13.440	535875	50.0