

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011032.D
 Acq On : 20 Oct 2022 17:51
 Operator : KP/MD
 Sample : N5193-11
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-06-20-40

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\82Y101722S.M
 Title : SW846 8260

Signal : TIC: VY011032.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.771	460	484	524	rVB	3446715	17855278	7.32%	0.599%
2	5.247	542	562	595	rBV	3329495	13371645	5.48%	0.449%
3	5.759	631	646	664	rBV	2545540	9421674	3.86%	0.316%
4	6.106	685	703	716	rBV2	1019523	3658934	1.50%	0.123%
5	6.545	761	775	789	rBV2	1569688	6438232	2.64%	0.216%
6	6.704	789	801	808	rVV	1983287	7811503	3.20%	0.262%
7	6.801	808	817	840	rVV	7282162	28159891	11.54%	0.945%
8	7.539	931	938	949	rVB2	2264651	7691198	3.15%	0.258%
9	7.783	967	978	988	rVV4	25051159	85733838	35.14%	2.878%
10	7.886	988	995	1006	rVB	10696415	35047633	14.36%	1.177%
11	8.021	1006	1017	1035	rVB	28161670	98674648	40.44%	3.313%
12	8.289	1051	1061	1066	rBV2	15103801	45530562	18.66%	1.528%
13	8.362	1067	1073	1079	rVV3	16856661	51851827	21.25%	1.741%
14	8.429	1079	1084	1095	rVB	15104414	42552353	17.44%	1.428%
15	8.557	1095	1105	1119	rVB3	8597223	28519151	11.69%	0.957%
16	8.697	1119	1128	1142	rBV3	15849693	61075800	25.03%	2.050%
17	8.862	1150	1155	1161	rVB	2155394	4394675	1.80%	0.148%
18	8.941	1161	1168	1169	rBV	4591395	8161502	3.35%	0.274%
19	8.978	1170	1174	1195	rVB2	6970326	31722397	13.00%	1.065%
20	9.203	1195	1211	1219	rBV6	47470253	243980591	100.00%	8.191%
21	9.380	1233	1240	1247	rBV	13628984	32711018	13.41%	1.098%
22	9.478	1247	1256	1268	rVV4	20407229	67261191	27.57%	2.258%
23	9.630	1273	1281	1291	rBV3	29266160	95073684	38.97%	3.192%
24	9.776	1291	1305	1309	rBV4	27867337	108929655	44.65%	3.657%
25	9.880	1310	1322	1330	rVB7	29598768	161663065	66.26%	5.427%
26	9.990	1331	1340	1342	rBV4	28350044	88016472	36.08%	2.955%
27	10.136	1359	1364	1368	rBV2	13001790	27800805	11.39%	0.933%
28	10.209	1368	1376	1388	rVB8	36202621	176127598	72.19%	5.913%
29	10.392	1389	1406	1417	rBV6	37509475	207871254	85.20%	6.978%
30	10.496	1419	1423	1425	rBV2	8431496	14146327	5.80%	0.475%
31	10.544	1425	1431	1438	rVB3	25568936	69981356	28.68%	2.349%
32	10.636	1438	1446	1456	rBV9	35272640	155642946	63.79%	5.225%
33	10.855	1471	1482	1488	rBV4	20992092	105527306	43.25%	3.543%
34	11.398	1567	1571	1575	rBV3	13685128	27416949	11.24%	0.920%
35	11.526	1587	1592	1598	rBV5	16828204	44614394	18.29%	1.498%
36	11.922	1652	1657	1658	rBV3	13604496	23208474	9.51%	0.779%

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37	12.587	1761	1766	1771	rVB5	21245700	41739722	17.11%	1.401%
38	12.672	1775	1780	1783	rBV4	24454980	47501827	19.47%	1.595%
39	12.745	1788	1792	1795	rVV4	10414327	17003115	6.97%	0.571%
40	12.818	1796	1804	1809	rVV6	31509173	94068638	38.56%	3.158%
41	12.873	1810	1813	1818	rVB3	20586056	31982241	13.11%	1.074%
42	12.959	1823	1827	1831	rVV3	15417920	21813804	8.94%	0.732%
43	13.007	1831	1835	1838	rVV4	12462351	20225482	8.29%	0.679%
44	13.044	1838	1841	1849	rVB4	24546388	47041930	19.28%	1.579%
45	13.172	1859	1862	1867	rVV2	9609267	14107029	5.78%	0.474%
46	13.251	1868	1875	1880	rVV3	23187847	61246230	25.10%	2.056%
47	13.324	1884	1887	1891	rVV	16990075	26840690	11.00%	0.901%
48	13.361	1891	1893	1897	rVB3	9402713	11162713	4.58%	0.375%
49	13.593	1926	1931	1934	rBV	23725876	38457432	15.76%	1.291%
50	13.629	1934	1937	1942	rVV	32041369	51106018	20.95%	1.716%
51	13.696	1942	1948	1953	rVB2	19895557	39773147	16.30%	1.335%
52	13.751	1953	1957	1962	rBV2	16701471	26459888	10.85%	0.888%
53	13.971	1988	1993	1998	rVB	28450104	43865944	17.98%	1.473%
54	14.032	1998	2003	2006	rVV	7055598	10577436	4.34%	0.355%
55	14.080	2006	2011	2016	rVB2	22104279	35436509	14.52%	1.190%
56	14.141	2016	2021	2027	rVB6	3182497	6708967	2.75%	0.225%
57	14.263	2036	2041	2043	rBV2	4526446	8001112	3.28%	0.269%
58	14.294	2043	2046	2055	rVB2	9992153	15326478	6.28%	0.515%
59	14.379	2055	2060	2063	rBV2	3132239	5279687	2.16%	0.177%
60	14.416	2063	2066	2070	rVB2	1741049	2468136	1.01%	0.083%
61	14.562	2086	2090	2096	rBV2	4636214	7348781	3.01%	0.247%
62	14.684	2102	2110	2114	rBV2	6338083	12363256	5.07%	0.415%
63	14.733	2114	2118	2124	rVB3	1859137	3264337	1.34%	0.110%

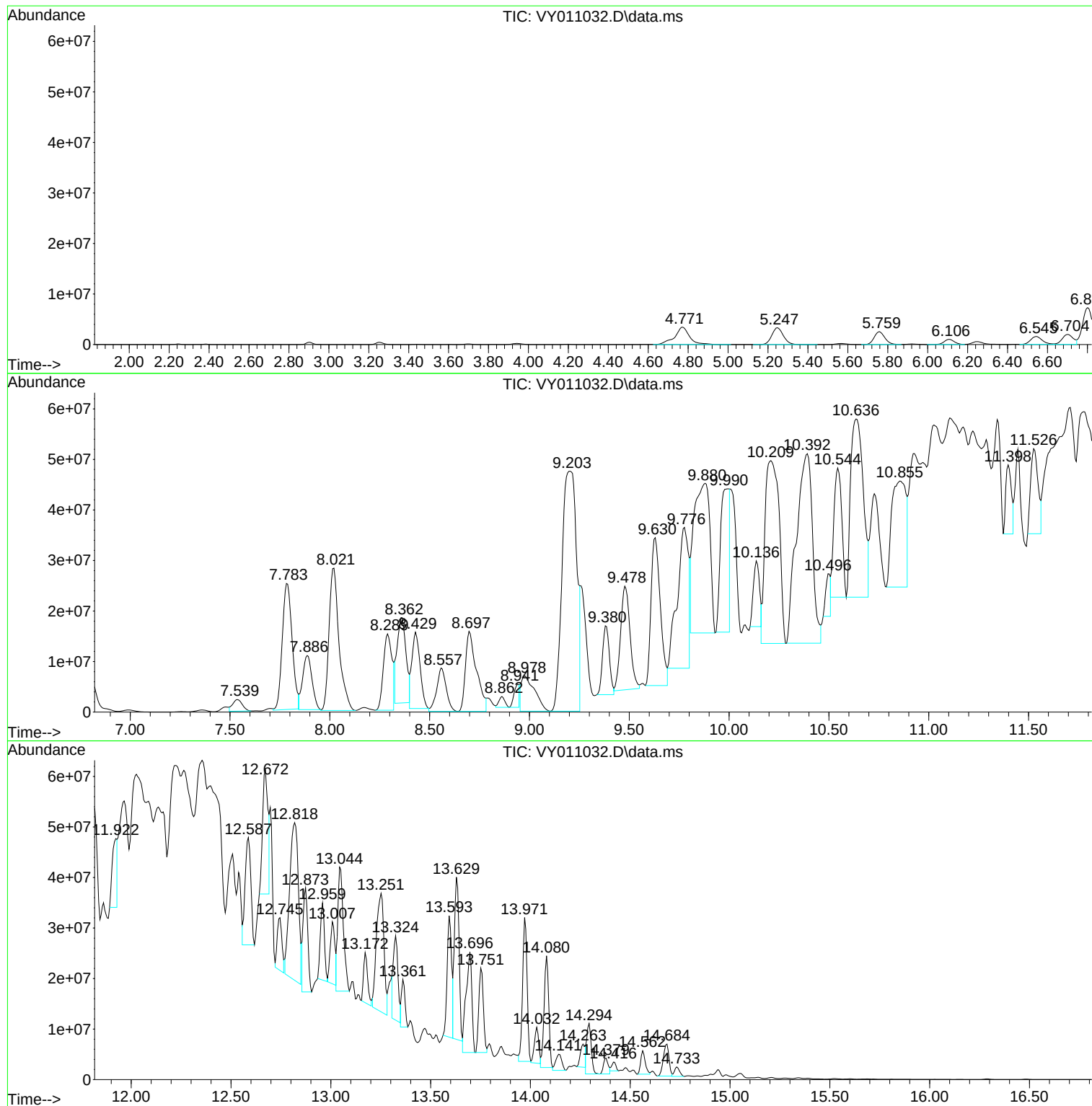
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Quant Title : SW846 8260

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



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ClientSampleId :
LSP-SS-06-20-40

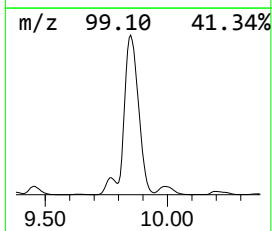
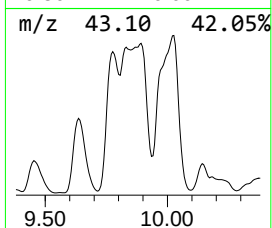
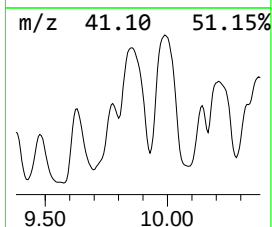
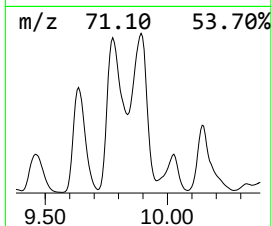
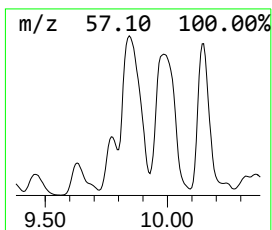
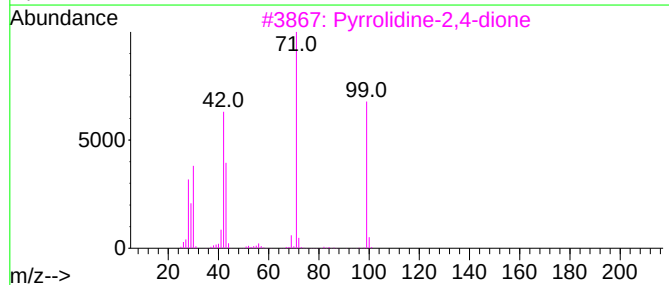
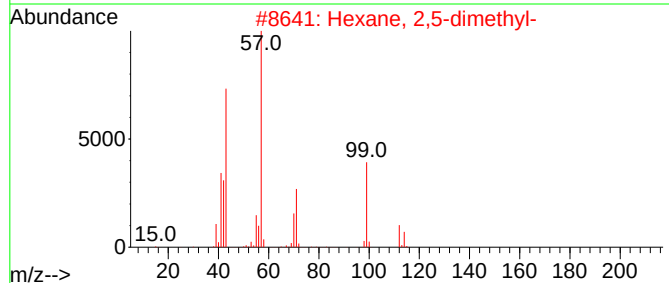
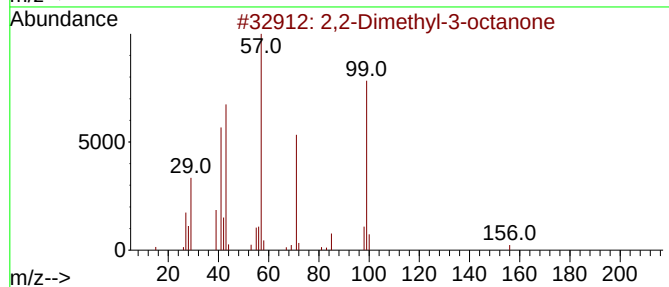
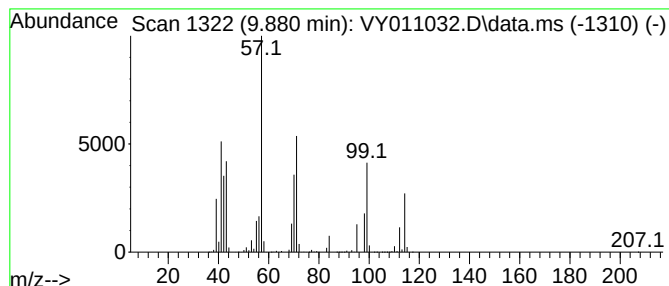
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown9.880 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	132.35 ug/l	161663000	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	43
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43
3			Pyrrolidine-2,4-dione	99	C4H5NO2	037772-89-7	43
4			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	38
5			2,2-Dimethylperhydro-1,3-oxazine	115	C6H13NO	073155-29-0	35



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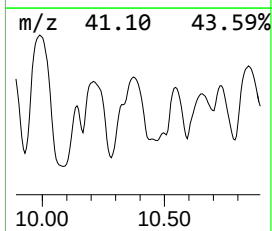
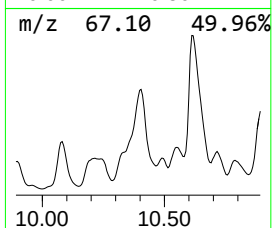
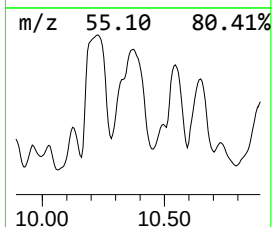
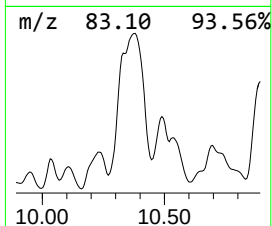
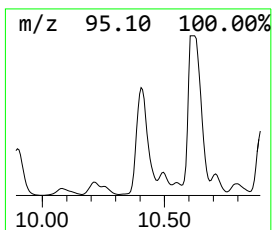
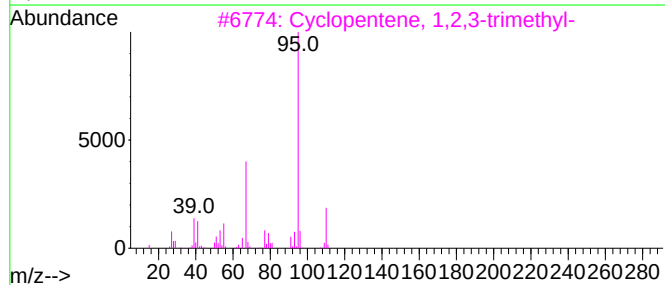
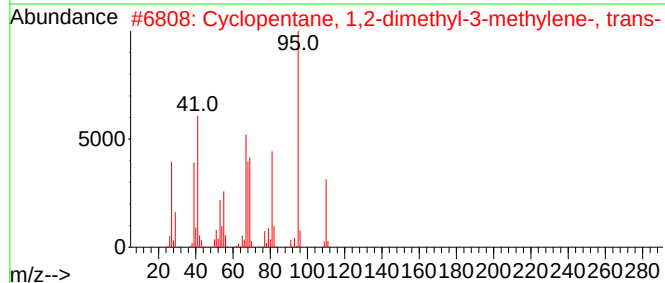
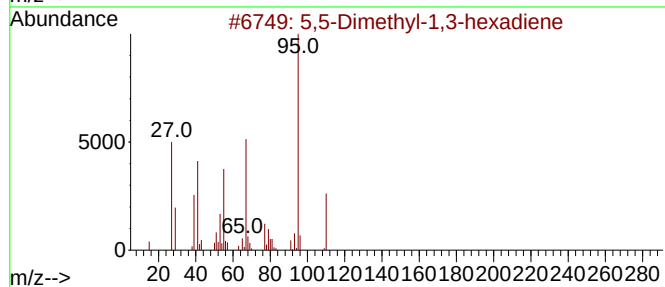
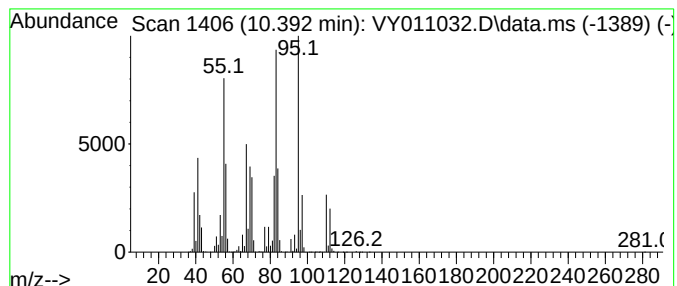
Instrument :
MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 2 5,5-Dimethyl-1,3-hexadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.392	232.96 ug/l	207871000	Chlorobenzene-d5	11.502	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	56
2	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	55
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	42
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	42
5	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	42



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Instrument :
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ClientSampleId :
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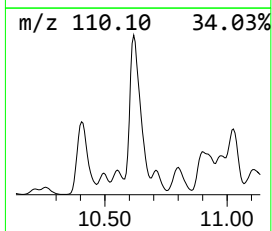
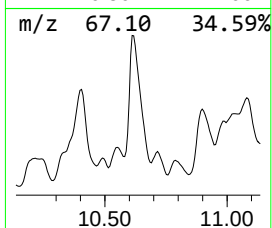
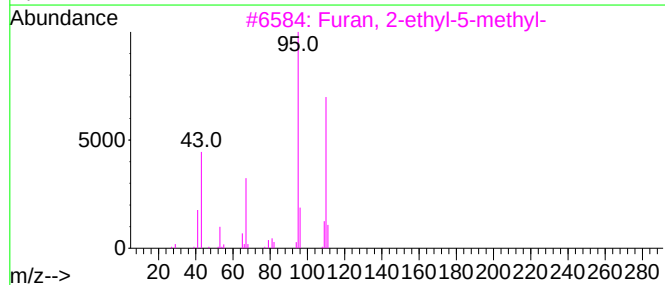
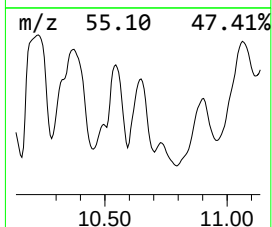
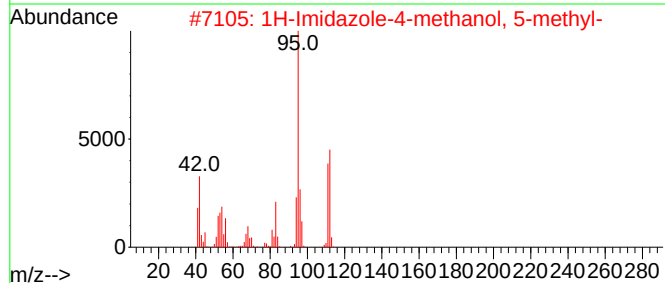
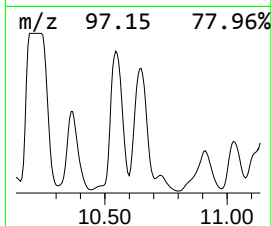
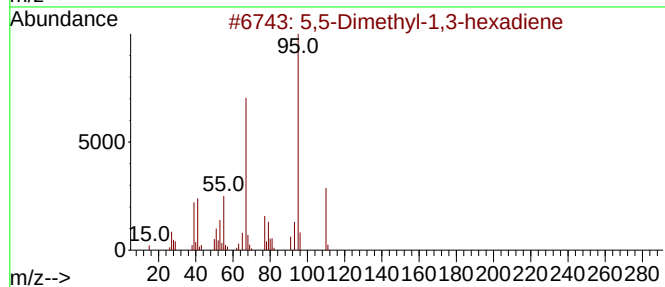
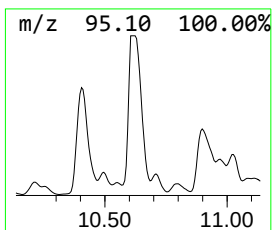
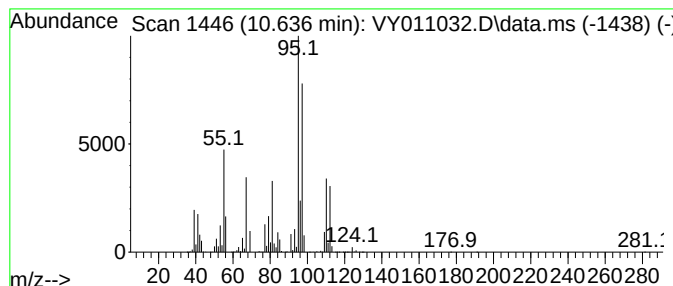
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Quant Title : SW846 8260

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

Peak Number 3 unknown10.636 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.636	174.43 ug/l	155643000	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	46
2			1H-Imidazole-4-methanol, 5-methyl-	112	C5H8N2O	029636-87-1	43
3			Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	43
4			Sorbic Acid	112	C6H8O2	000110-44-1	43
5			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	38



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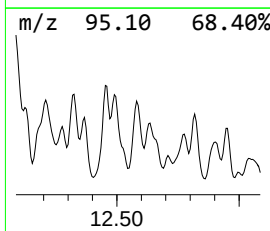
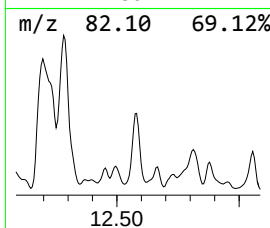
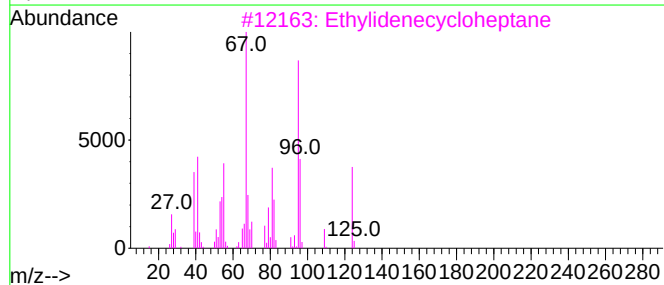
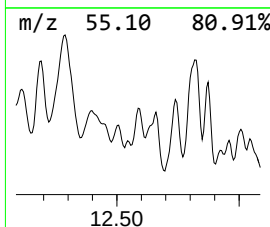
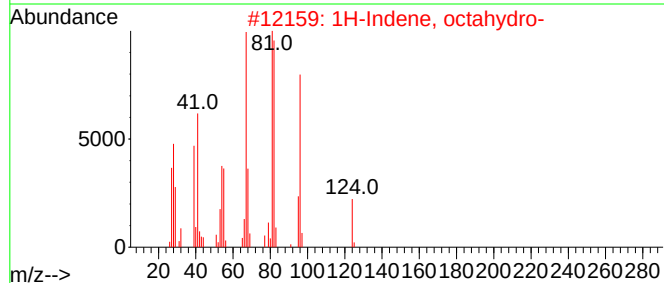
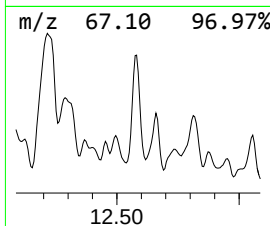
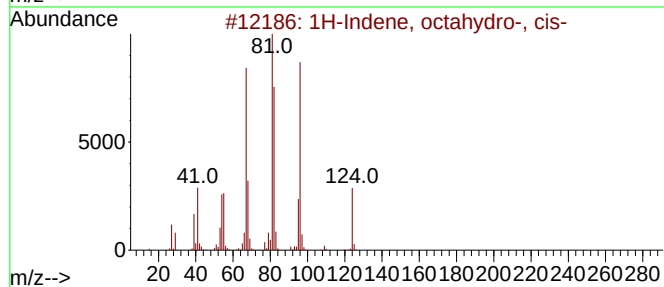
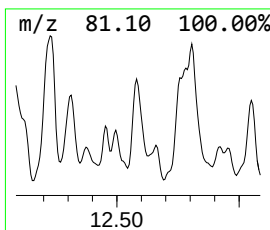
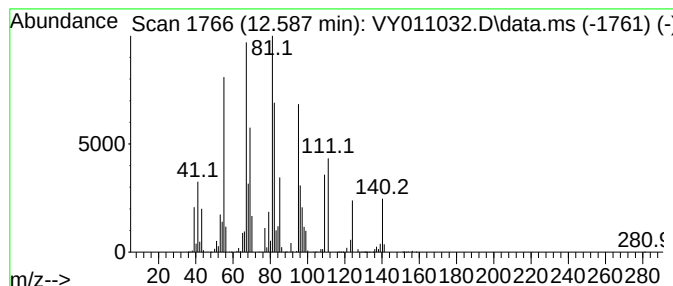
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown12.587 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.587	186.96 ug/l	41739700	1,4-Dichlorobenzene-d4	13.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	49
2		1H-Indene, octahydro-	124	C9H16	000496-10-6	46
3		Ethylidenecycloheptane	124	C9H16	010494-87-8	38
4		Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	38
5		2-Methylbicyclo[3.2.1]octane	124	C9H16	1010215-28-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011032.D
Acq On : 20 Oct 2022 17:51
Operator : KP/MD
Sample : N5193-11
Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

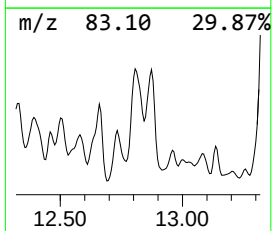
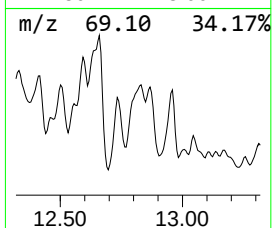
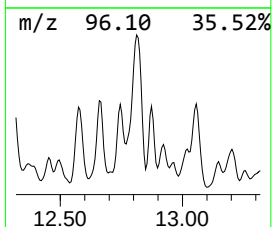
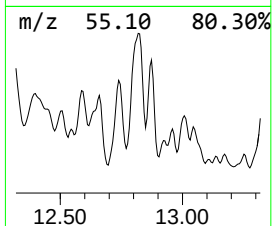
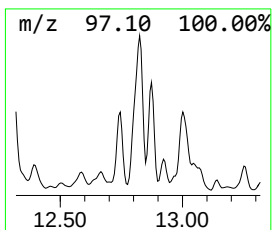
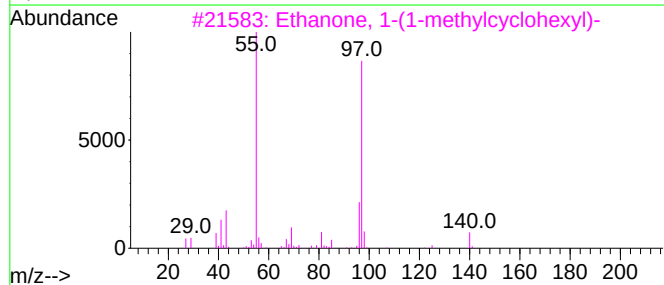
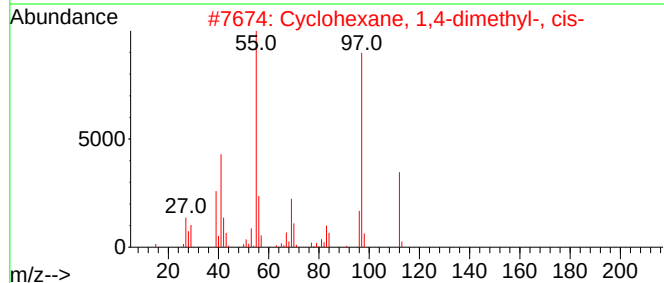
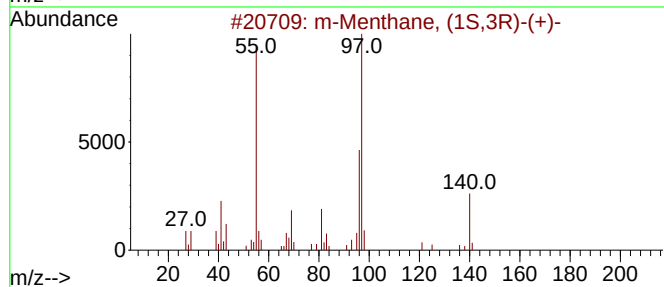
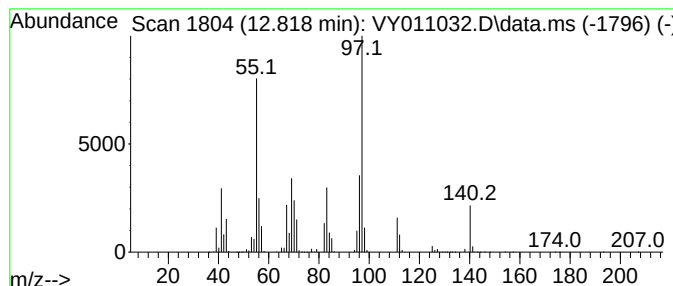
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Quant Title : SW846 8260

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

Peak Number 5 m-Menthane, (1S,3R)-(+)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	421.35 ug/l	94068600	1,4-Dichlorobenzene-d4	13.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	64
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	47
3			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	47
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011032.D
Acq On : 20 Oct 2022 17:51
Operator : KP/MD
Sample : N5193-11
Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

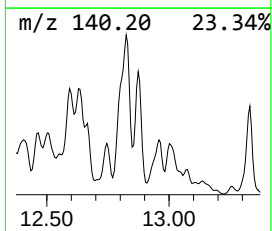
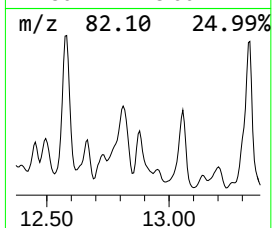
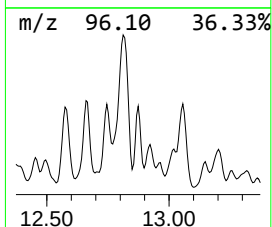
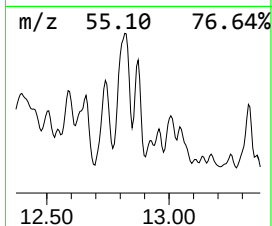
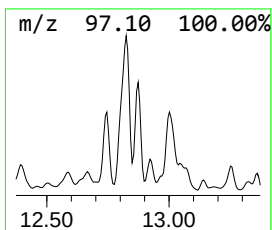
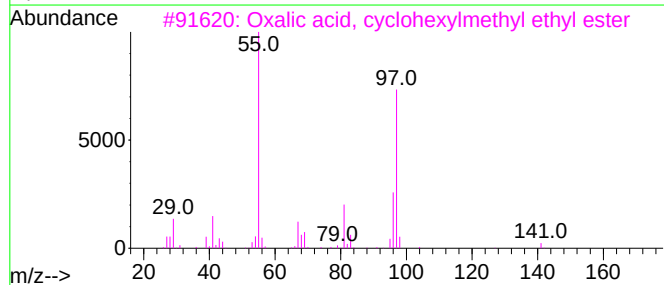
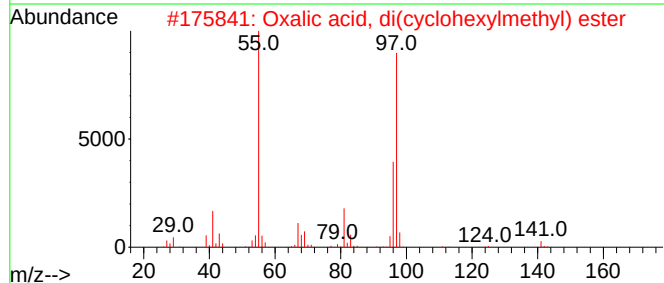
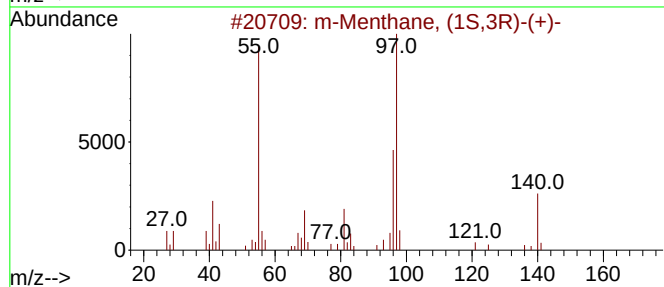
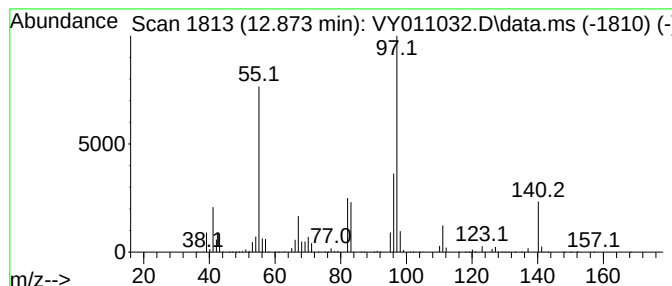
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Quant Title : SW846 8260

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

Peak Number 6 Oxalic acid, di(cyclohexylm... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	143.26 ug/l	31982200	1,4-Dichlorobenzene-d4	13.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	64
2			Oxalic acid, di(cyclohexylmethyl...)	282	C16H26O4	1000309-68-5	53
3			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53
4			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	53
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011032.D
Acq On : 20 Oct 2022 17:51
Operator : KP/MD
Sample : N5193-11
Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

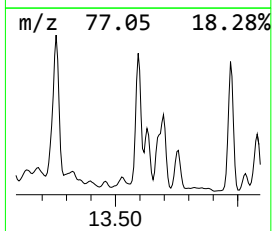
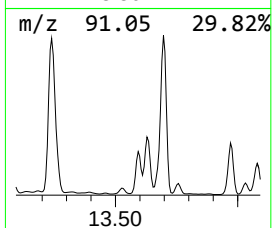
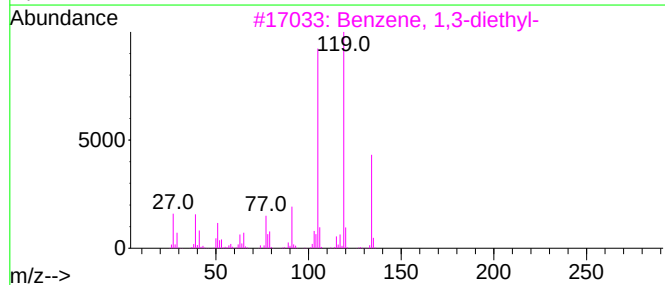
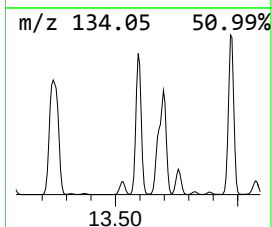
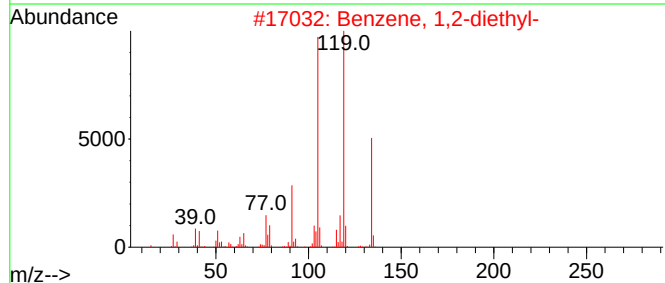
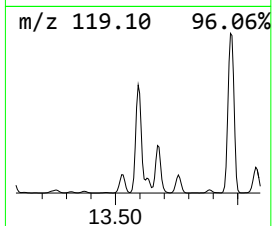
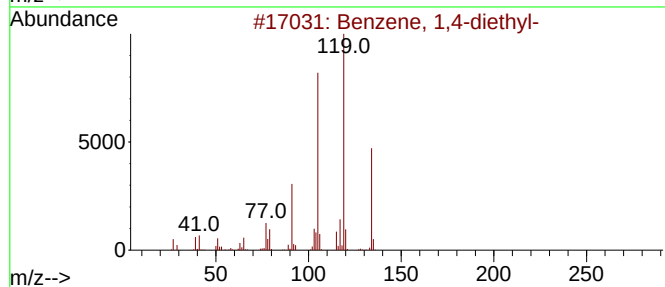
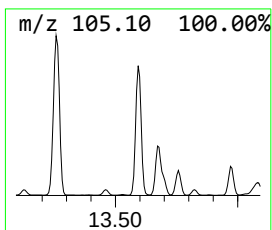
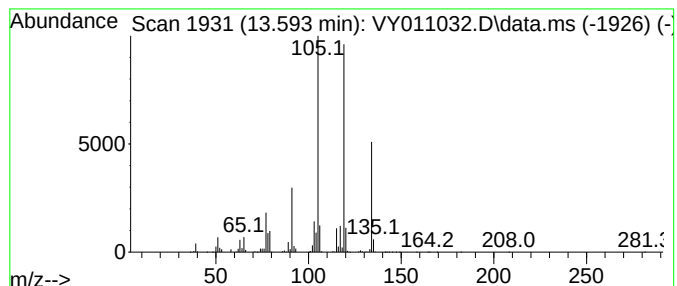
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.593	172.26 ug/l	38457400	1,4-Dichlorobenzene-d4	13.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011032.D
Acq On : 20 Oct 2022 17:51
Operator : KP/MD
Sample : N5193-11
Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

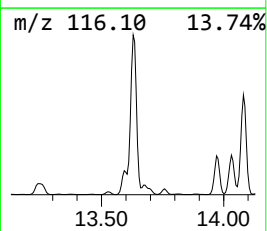
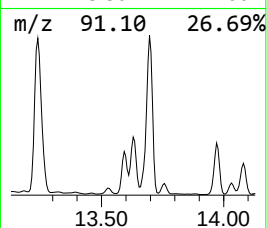
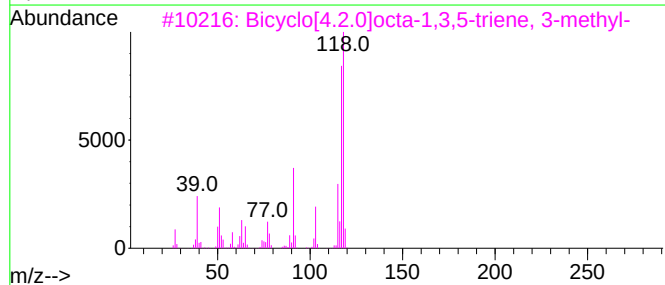
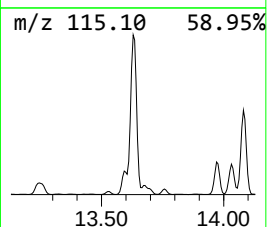
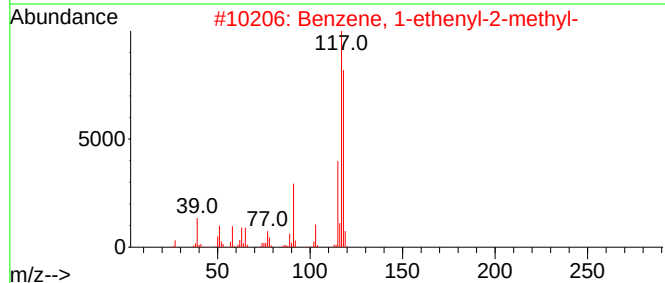
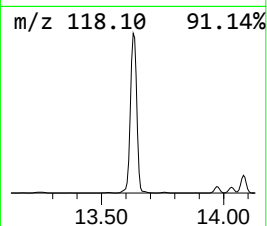
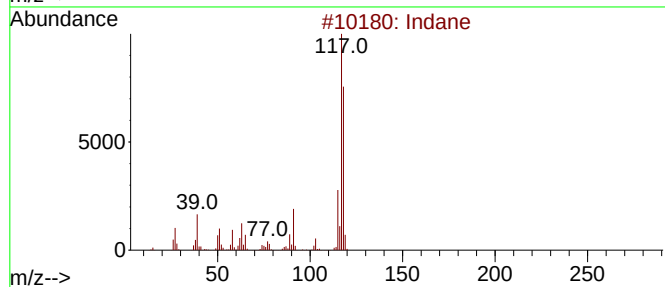
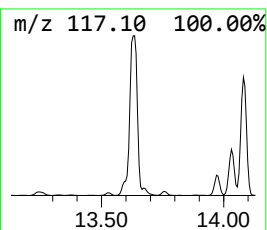
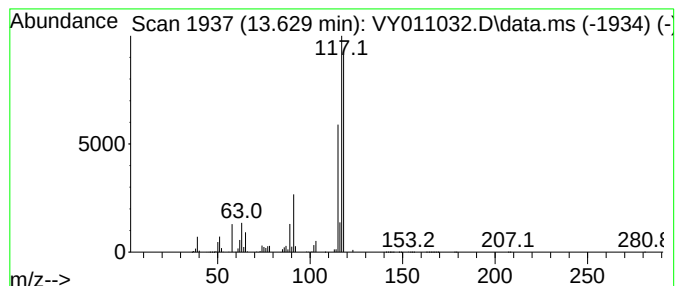
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Quant Title : SW846 8260

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

Peak Number 8 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	228.91 ug/l	51106000	1,4-Dichlorobenzene-d4	13.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	90
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	72
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011032.D
Acq On : 20 Oct 2022 17:51
Operator : KP/MD
Sample : N5193-11
Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

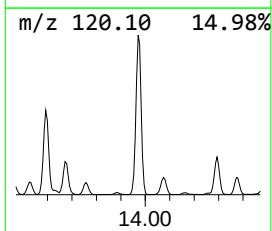
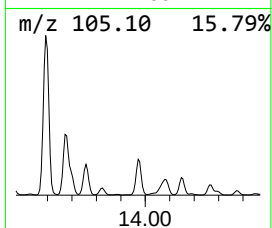
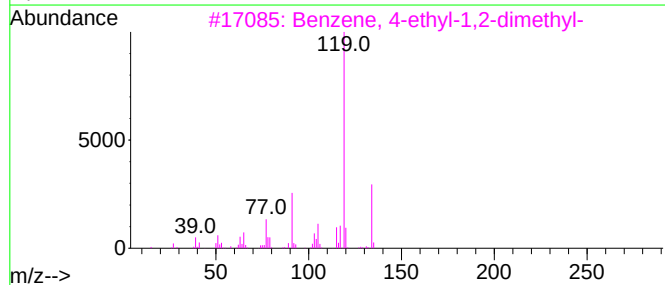
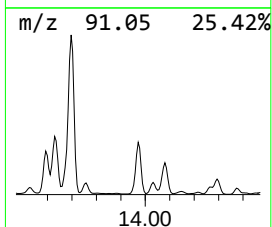
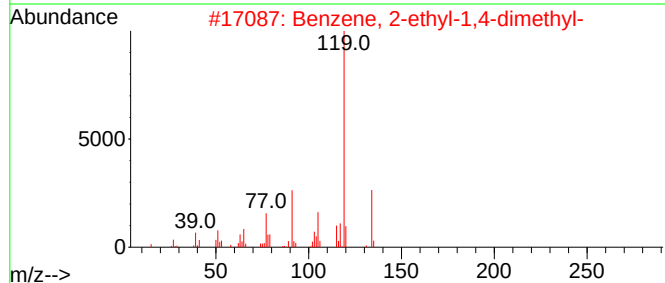
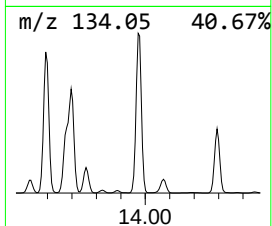
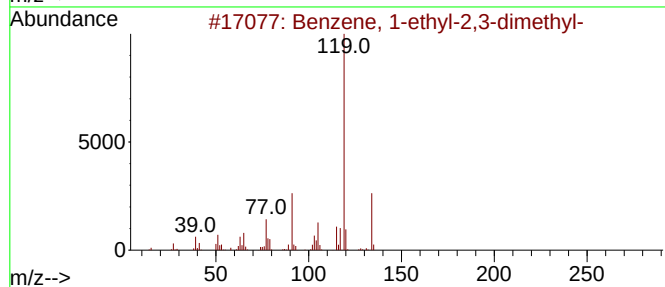
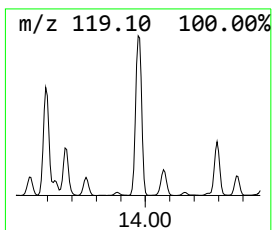
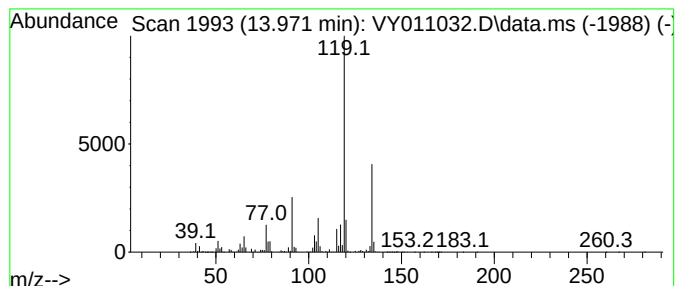
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	196.48 ug/l	43865900	1,4-Dichlorobenzene-d4	13.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011032.D
Acq On : 20 Oct 2022 17:51
Operator : KP/MD
Sample : N5193-11
Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

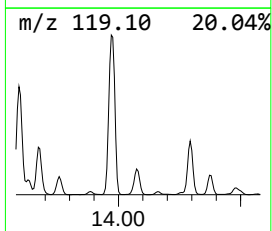
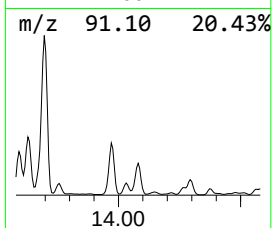
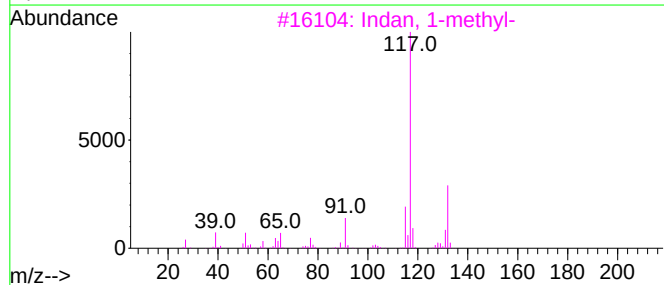
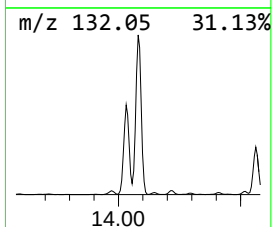
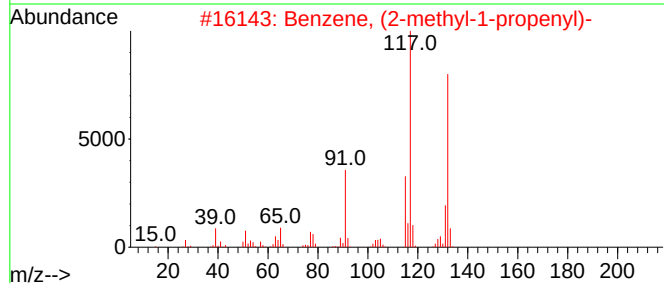
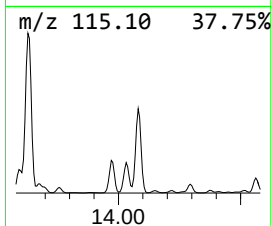
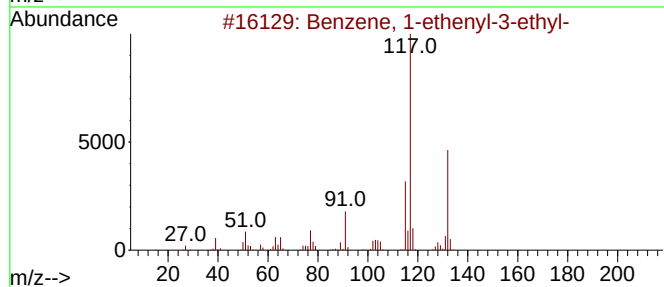
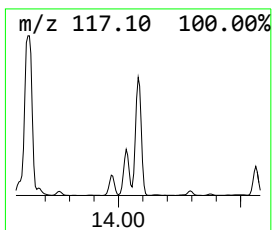
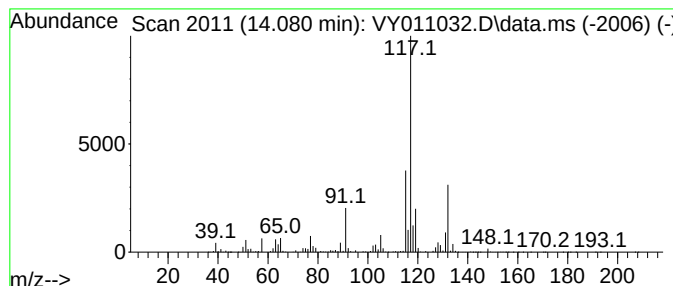
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	158.73 ug/l	35436500	1,4-Dichlorobenzene-d4	13.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3			Indan, 1-methyl-	132	C10H12	000767-58-8	76
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011032.D
Acq On : 20 Oct 2022 17:51
Operator : KP/MD
Sample : N5193-11
Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-06-20-40

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.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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5,5-Dimethyl-1,...	10.392	233.0	ug/l	207871000	3	11.502	44614400	50.0
unknown10.636	10.636	174.4	ug/l	155643000	3	11.502	44614400	50.0
unknown12.587	12.587	187.0	ug/l	41739700	4	13.404	11162700	50.0
m-Menthane, (1S...	12.818	421.4	ug/l	94068600	4	13.404	11162700	50.0
Oxalic acid, di...	12.873	143.3	ug/l	31982200	4	13.404	11162700	50.0
Benzene, 1,4-di...	13.593	172.3	ug/l	38457400	4	13.404	11162700	50.0
Indane	13.629	228.9	ug/l	51106000	4	13.404	11162700	50.0
Benzene, 1-ethy...	13.971	196.5	ug/l	43865900	4	13.404	11162700	50.0
Benzene, 1-ethe...	14.080	158.7	ug/l	35436500	4	13.404	11162700	50.0