

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004885.D
 Acq On : 26 May 2021 14:40
 Operator : SY/MD
 Sample : M2518-02
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 117

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\82Y051021S.M

Title : SW846 8260

Signal : TIC: VY004885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.954	338	350	385	rBV	1016386	2884609	12.08%	4.367%
2	4.722	465	476	492	rVB	87925	279455	1.17%	0.423%
3	7.728	958	969	974	rBV	131517	322019	1.35%	0.488%
4	7.795	974	980	988	rVB	223108	507122	2.12%	0.768%
5	8.149	1025	1038	1050	rVB2	152709	366621	1.53%	0.555%
6	8.691	1120	1127	1145	rVB	368880	735811	3.08%	1.114%
7	10.179	1362	1371	1377	rBV	569163	986471	4.13%	1.493%
8	10.246	1377	1382	1394	rVB	184161	316131	1.32%	0.479%
9	10.721	1451	1460	1469	rBV	4273836	7093761	29.70%	10.739%
10	11.489	1580	1586	1595	rVB	550452	913599	3.82%	1.383%
11	11.593	1596	1603	1612	rBV	2736516	4188714	17.53%	6.341%
12	11.697	1612	1620	1631	rBV	13566385	23888342	100.00%	36.165%
13	12.032	1662	1675	1682	rBV	6037964	9512753	39.82%	14.402%
14	12.483	1744	1749	1753	rBV	418500	621300	2.60%	0.941%
15	12.733	1784	1790	1793	rBV	180700	284520	1.19%	0.431%
16	12.806	1797	1802	1808	rVB2	435984	696026	2.91%	1.054%
17	13.117	1847	1853	1858	rBV	337081	520823	2.18%	0.788%
18	13.337	1880	1889	1892	rBV4	114597	330107	1.38%	0.500%
19	13.428	1897	1904	1913	rVB2	599714	1125742	4.71%	1.704%
20	13.623	1932	1936	1940	rVV	202622	311750	1.31%	0.472%
21	13.666	1940	1943	1952	rVB3	168552	333859	1.40%	0.505%
22	13.751	1952	1957	1962	rBV2	444138	644627	2.70%	0.976%
23	13.971	1989	1993	1998	rVB	175240	245785	1.03%	0.372%
24	14.080	2005	2011	2016	rBV2	164178	254942	1.07%	0.386%
25	14.611	2093	2098	2103	rVB	907932	1229166	5.15%	1.861%
26	14.684	2103	2110	2114	rBV4	306999	667429	2.79%	1.010%
27	14.733	2114	2118	2124	rVB3	264002	449097	1.88%	0.680%
28	14.836	2131	2135	2144	rVB2	170174	326525	1.37%	0.494%
29	15.050	2164	2170	2175	rBV6	191340	426640	1.79%	0.646%
30	15.135	2180	2184	2191	rVB3	296877	518232	2.17%	0.785%
31	15.208	2191	2196	2203	rBV2	403843	756176	3.17%	1.145%
32	15.434	2228	2233	2240	rVB	1263957	1835782	7.68%	2.779%
33	15.537	2242	2250	2255	rBV5	133161	377351	1.58%	0.571%
34	15.726	2277	2281	2288	rVB2	190813	350592	1.47%	0.531%
35	15.885	2301	2307	2315	rBV4	110178	271376	1.14%	0.411%
36	16.031	2324	2331	2336	rBV5	172108	432848	1.81%	0.655%

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Instrument :
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ClientSampleId :
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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\82Y051021S.M
Title : SW846 8260

37	16.092	2336	2341	2347	rVB3	116481	244746	1.02%	0.371%
38	16.360	2379	2385	2398	rVB	457934	802245	3.36%	1.215%

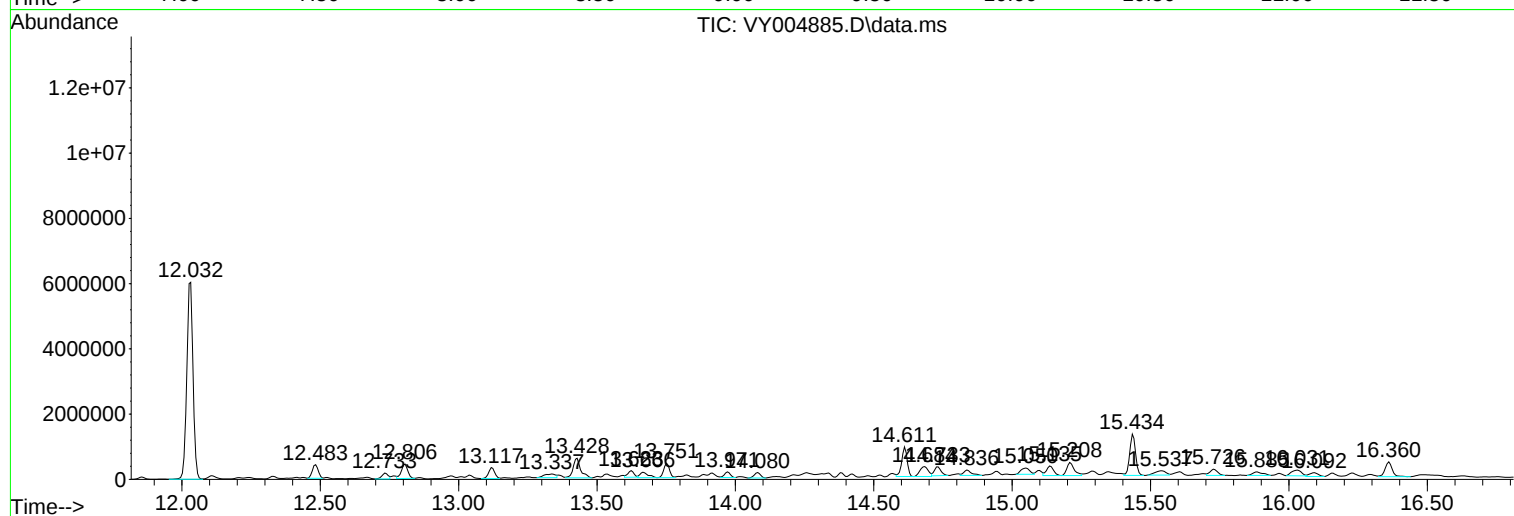
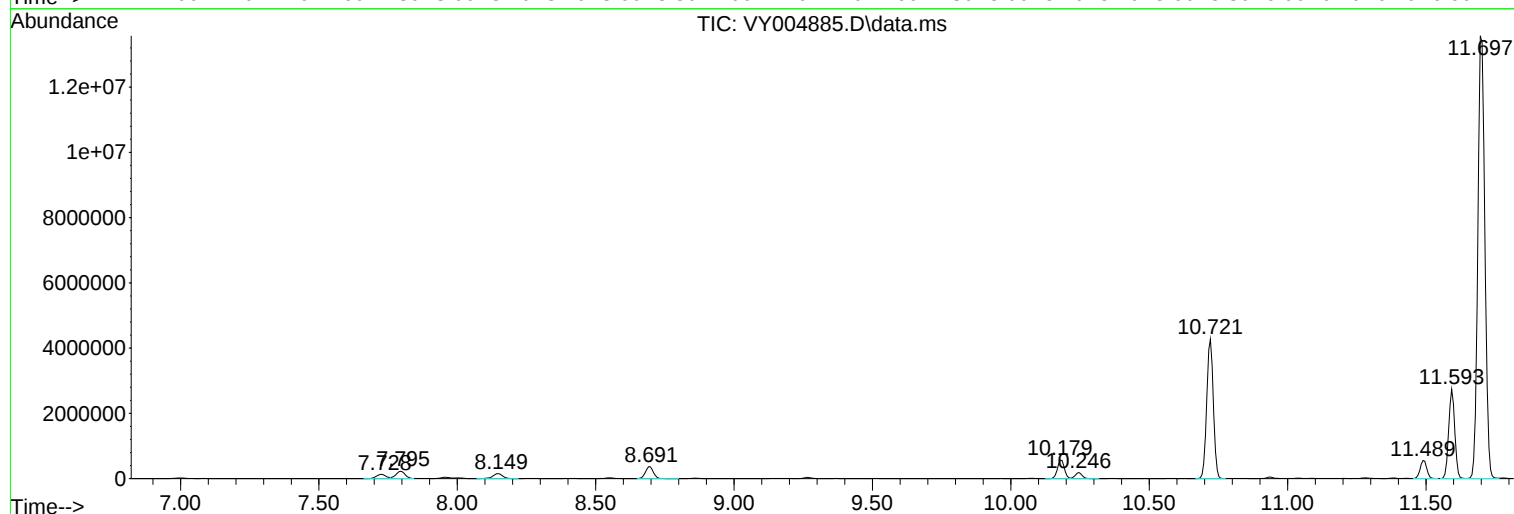
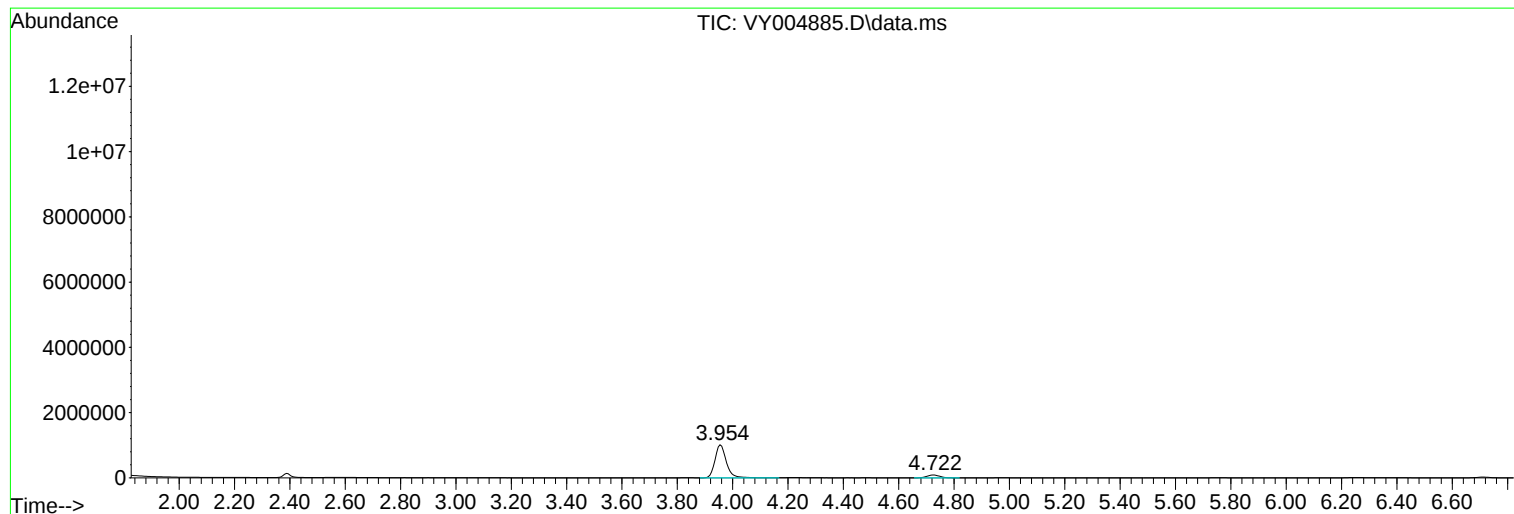
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

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MSVOA_Y
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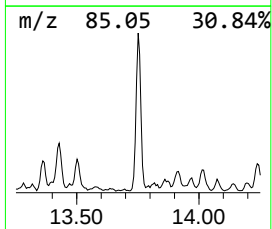
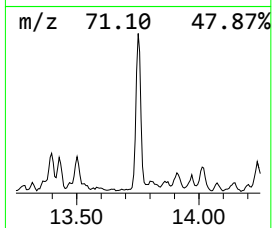
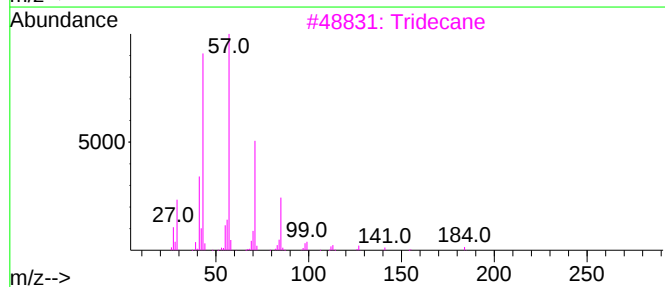
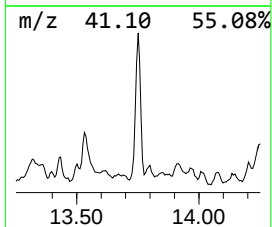
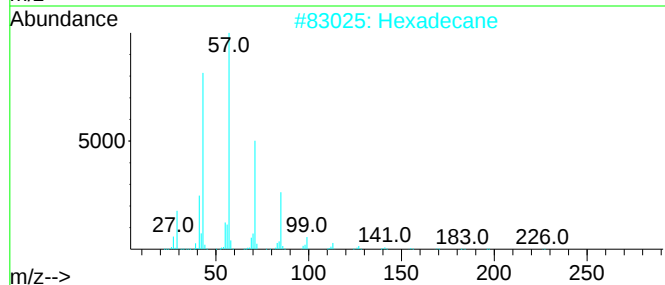
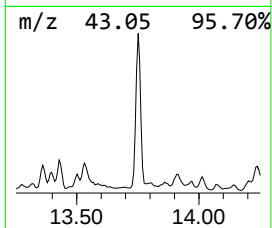
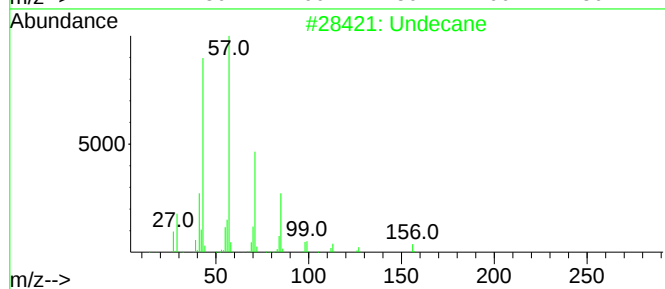
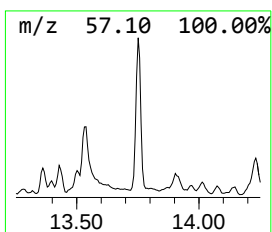
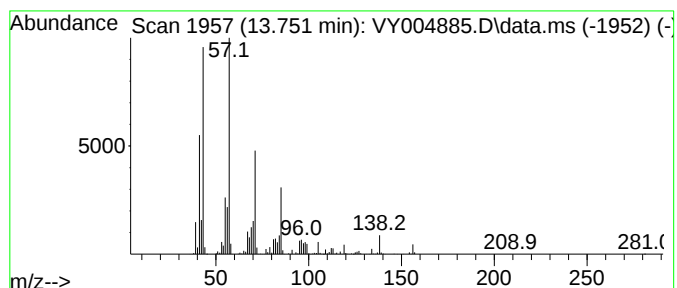
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	28.63 ug/l	644627	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	83
2	Hexadecane			226	C16H34	000544-76-3	59
3	Tridecane			184	C13H28	000629-50-5	59
4	Tetradecane, 1-iodo-			324	C14H29I	019218-94-1	58
5	Decane, 2,3,5-trimethyl-			184	C13H28	062238-11-3	53



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Instrument :
MSVOA_Y
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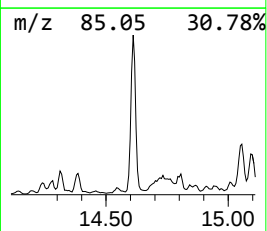
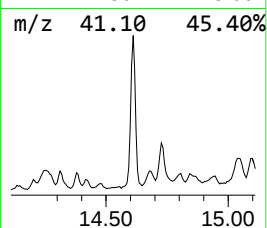
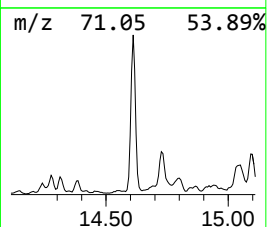
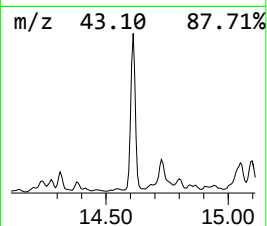
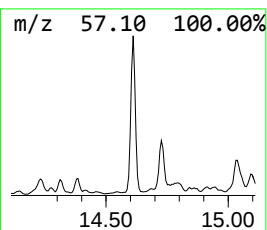
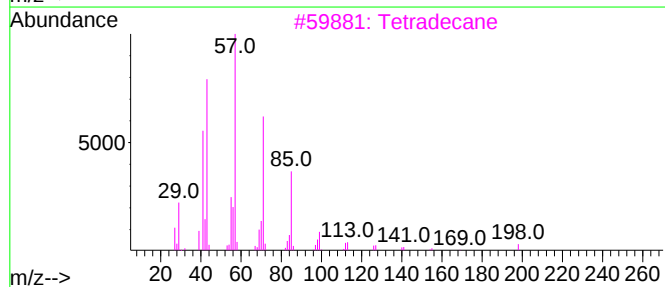
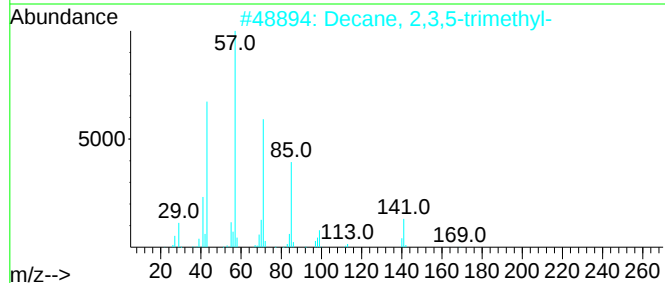
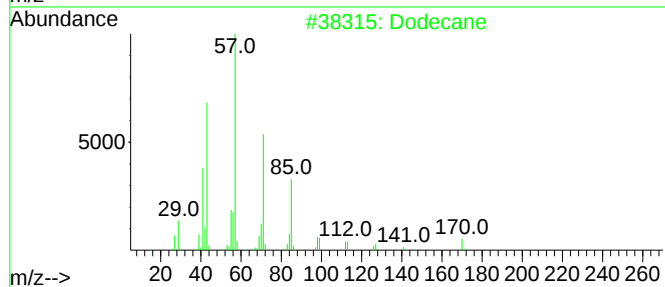
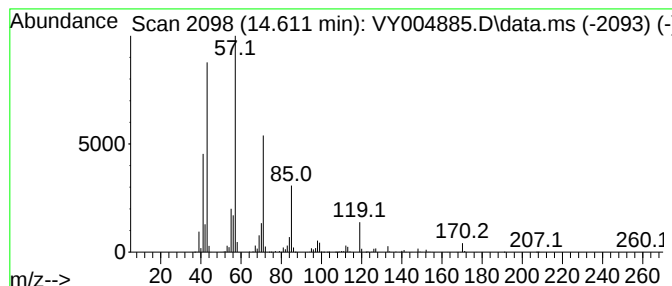
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	54.59 ug/l	1229170	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
3			Tetradecane	198	C14H30	000629-59-4	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Tridecane	184	C13H28	000629-50-5	72



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Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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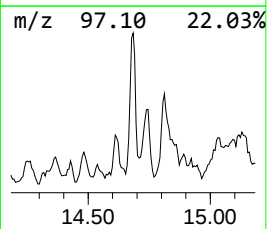
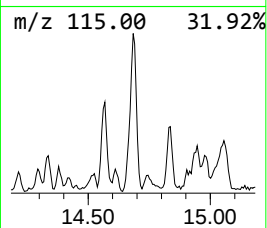
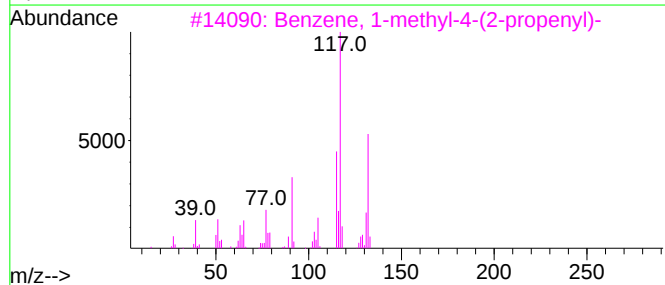
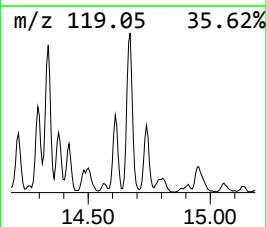
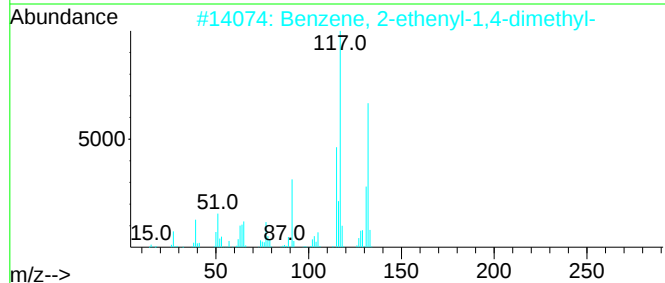
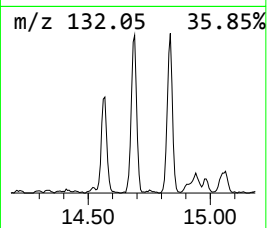
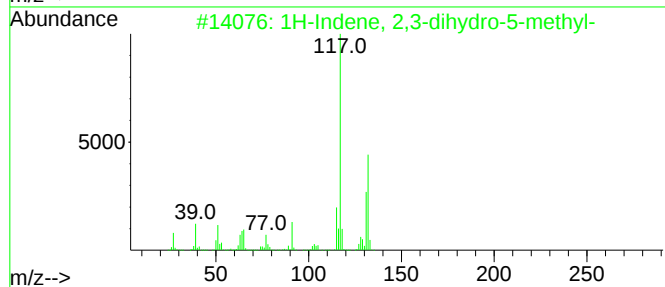
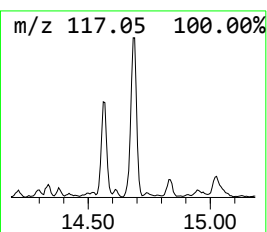
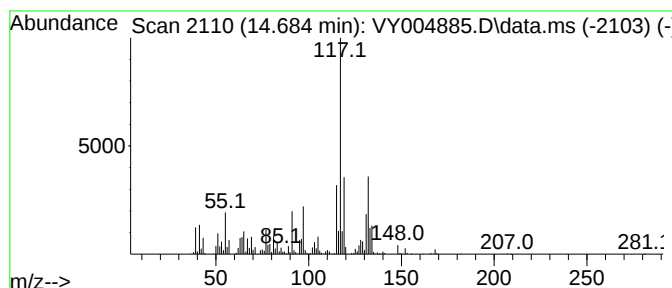
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	29.64 ug/l	667429	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	89
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70



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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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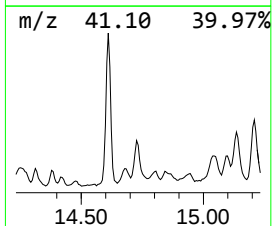
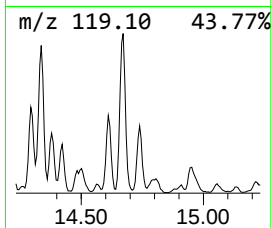
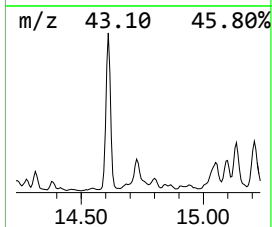
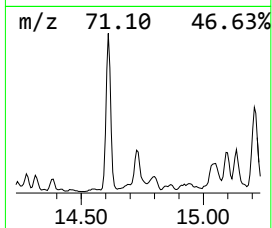
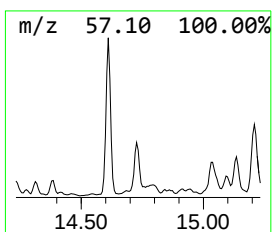
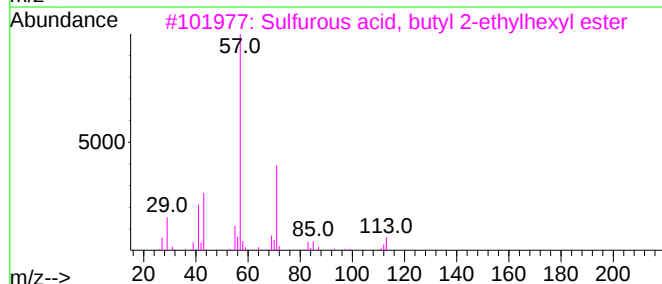
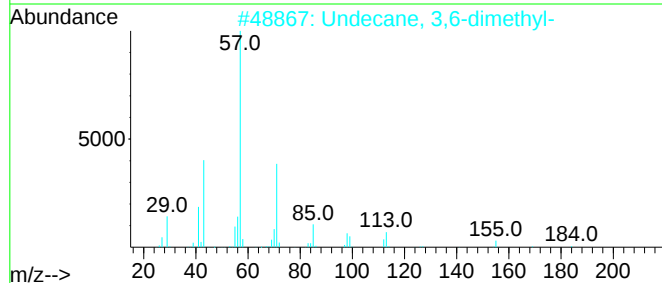
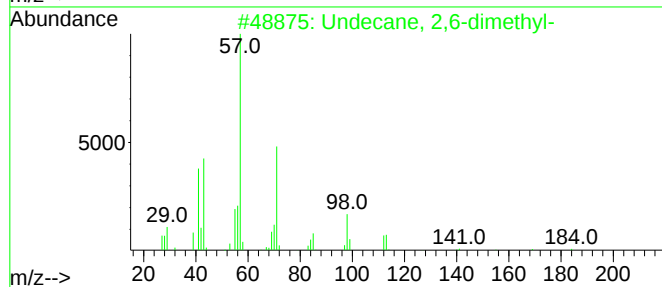
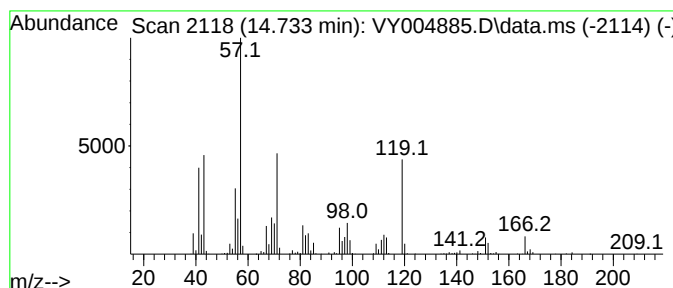
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.733 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	19.95 ug/l	449097	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	41
3			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	35
4			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	35
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	35



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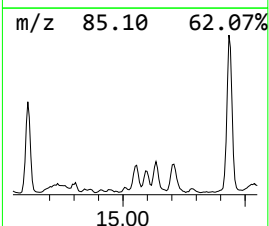
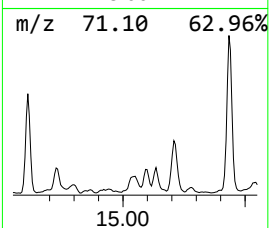
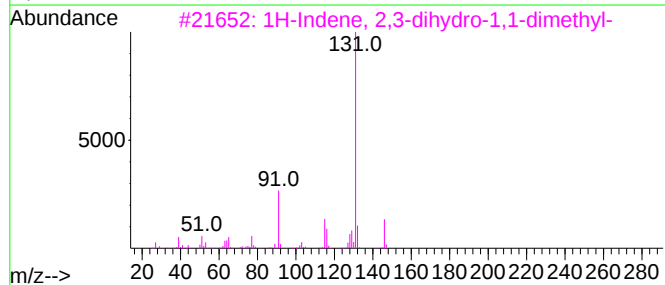
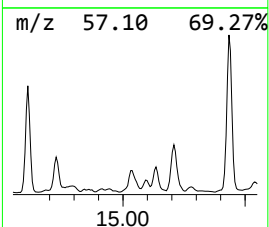
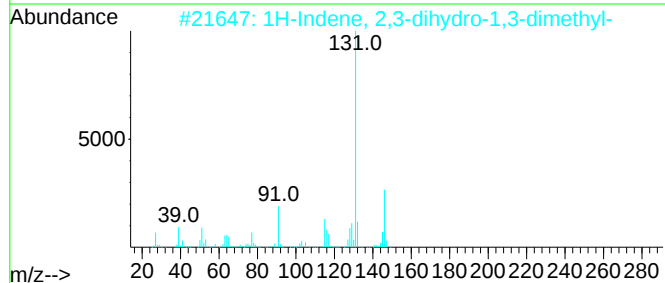
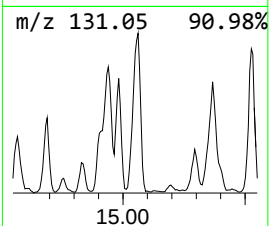
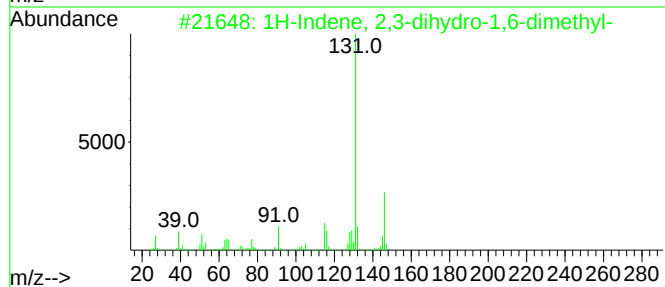
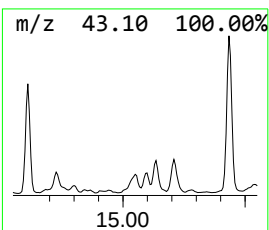
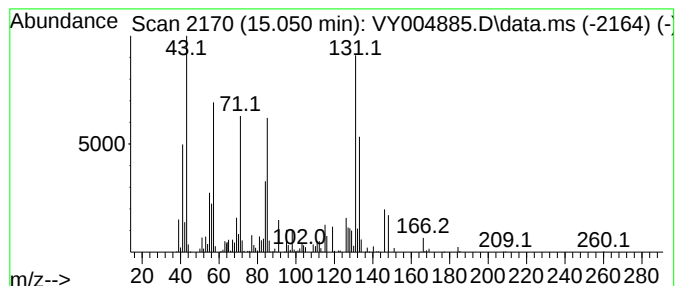
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown15.050 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	18.95 ug/l	426640	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	46
4			2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	42
5			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004885.D
Acq On : 26 May 2021 14:40
Operator : SY/MD
Sample : M2518-02
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
117

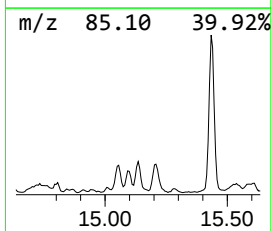
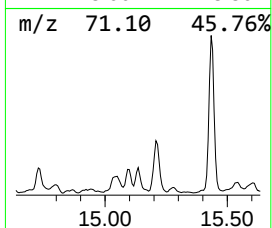
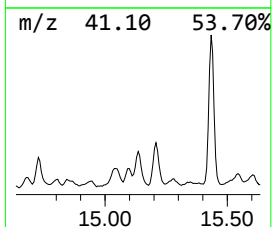
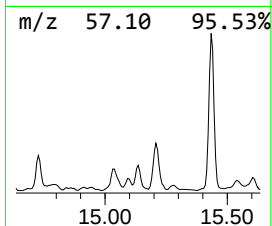
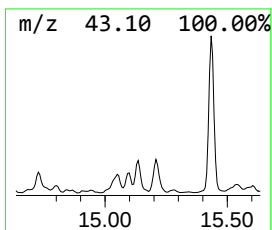
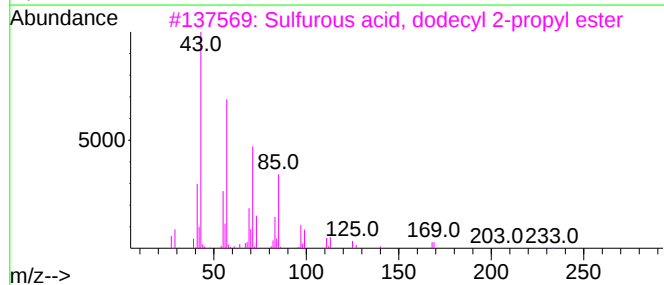
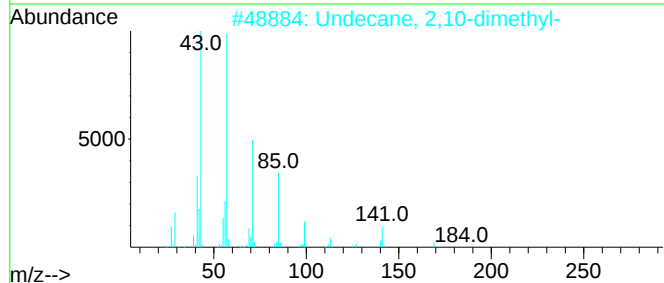
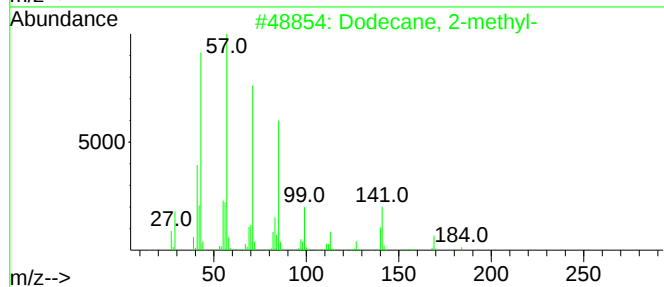
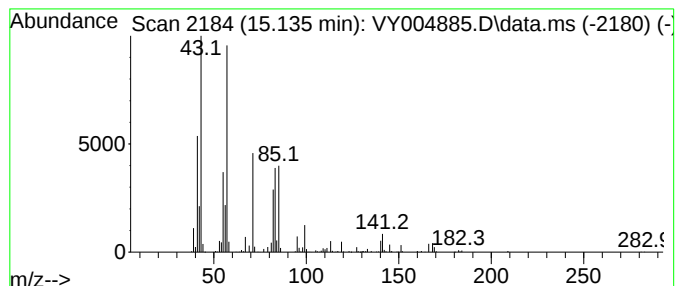
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.135	23.02 ug/l	518232	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	55
2			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	52
3			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	50
4			Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	47
5			Decane	142	C10H22	000124-18-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004885.D
Acq On : 26 May 2021 14:40
Operator : SY/MD
Sample : M2518-02
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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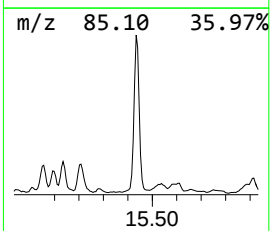
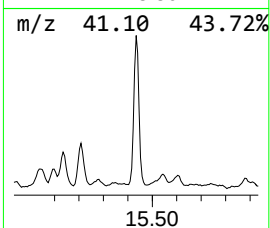
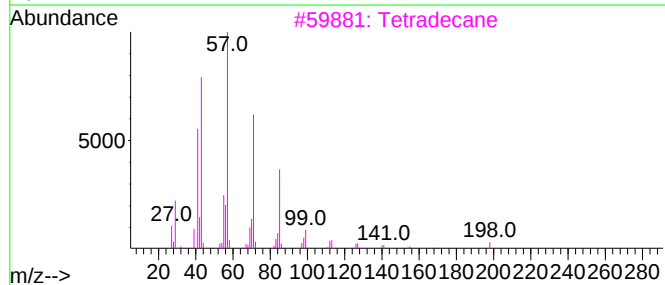
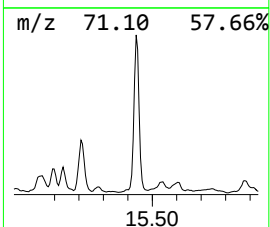
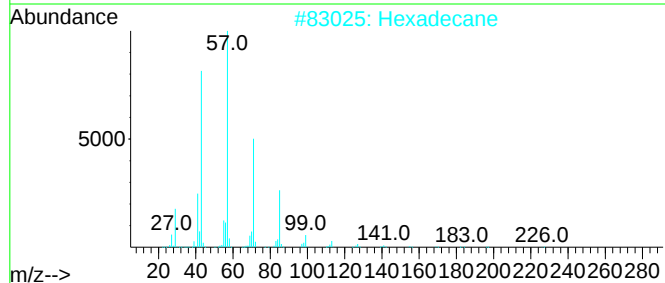
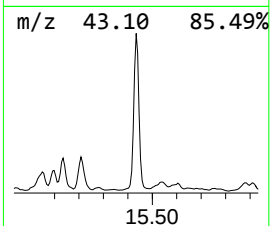
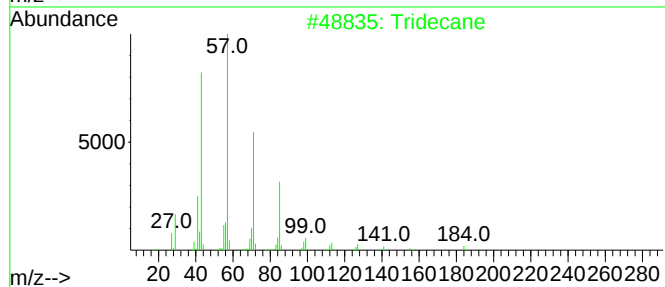
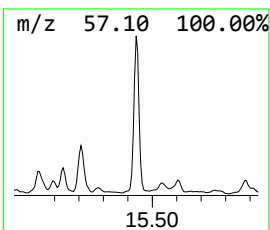
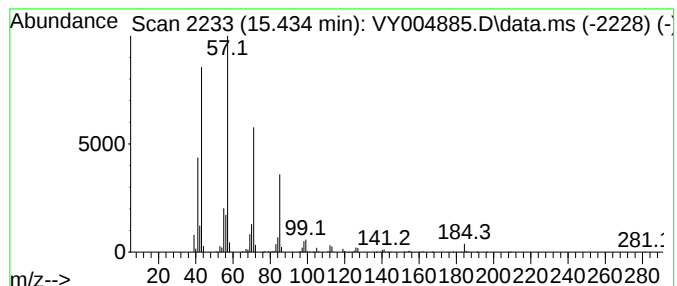
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	81.54 ug/l	1835780	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004885.D
Acq On : 26 May 2021 14:40
Operator : SY/MD
Sample : M2518-02
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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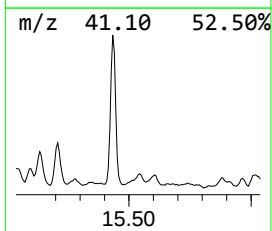
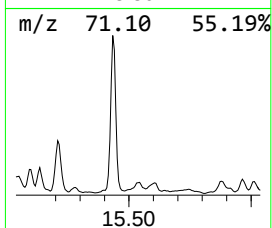
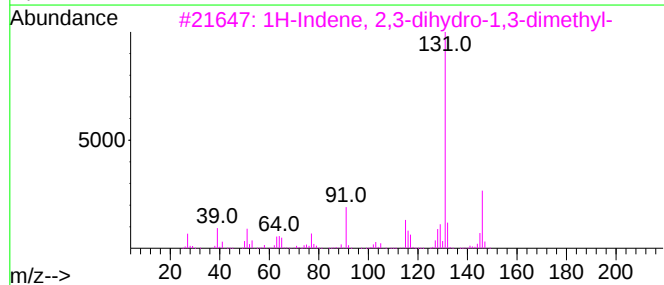
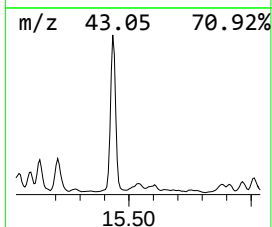
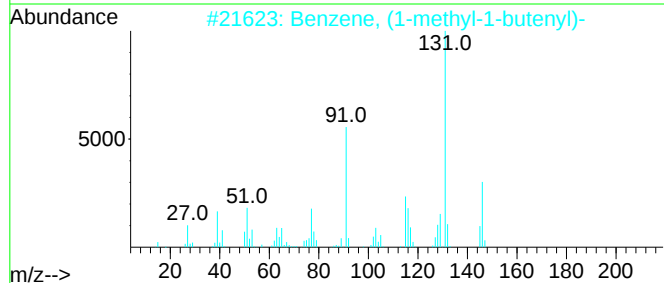
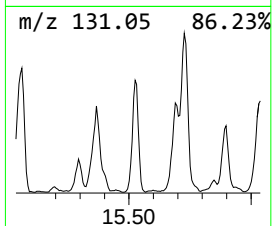
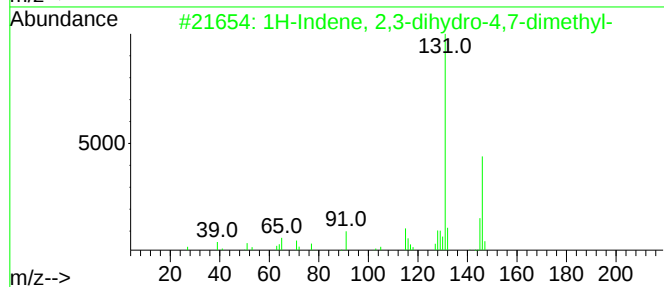
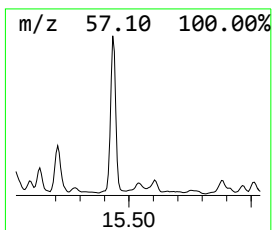
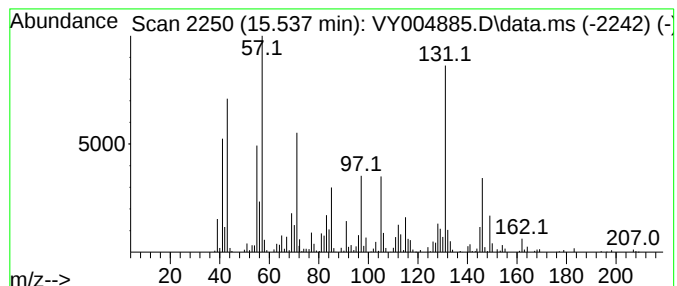
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.538	16.76 ug/l	377351	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004885.D
Acq On : 26 May 2021 14:40
Operator : SY/MD
Sample : M2518-02
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
117

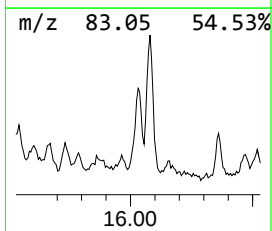
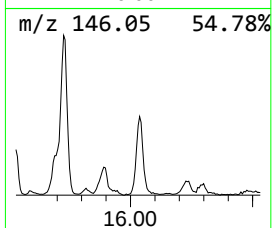
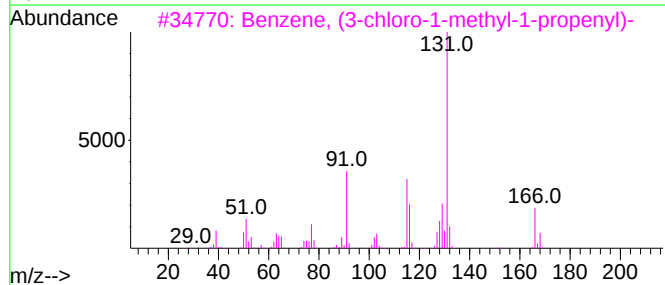
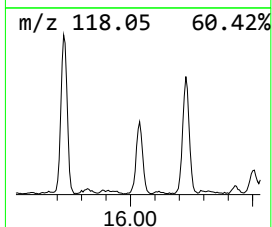
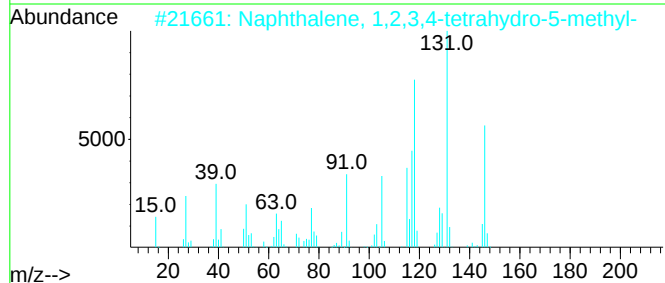
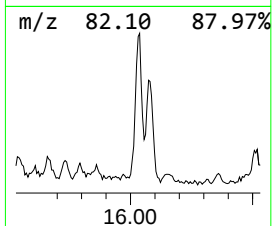
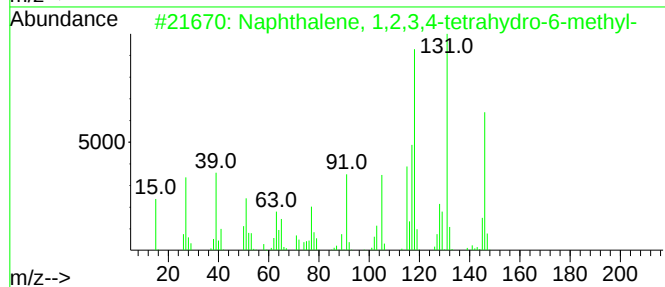
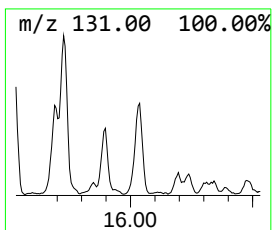
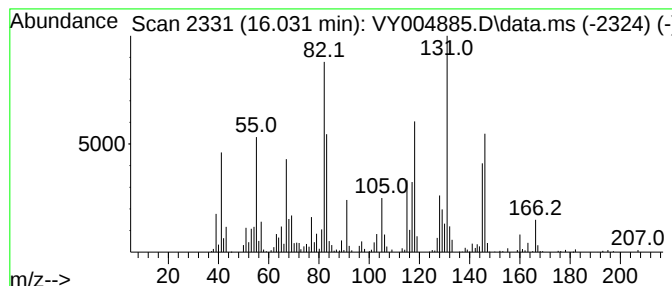
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	19.23 ug/l	432848	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50
3			Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	44
4			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	38
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004885.D
Acq On : 26 May 2021 14:40
Operator : SY/MD
Sample : M2518-02
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
117

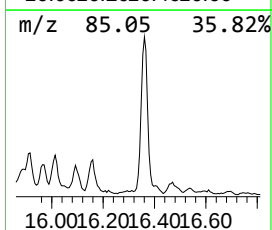
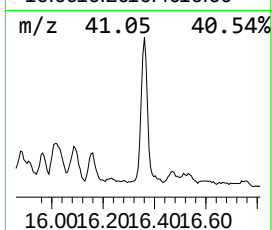
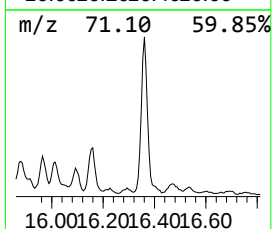
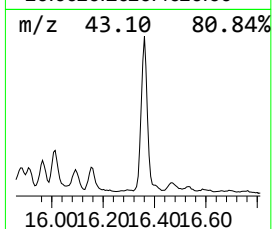
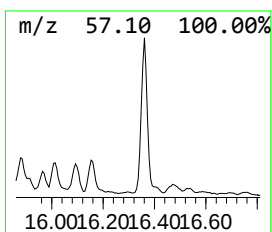
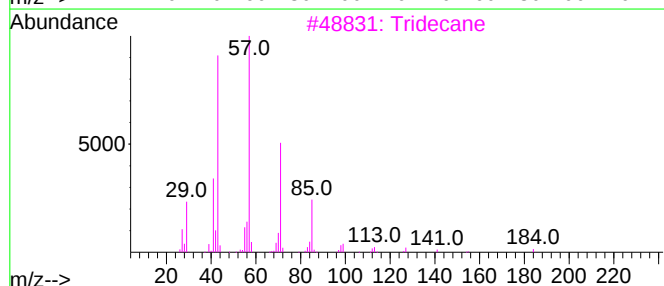
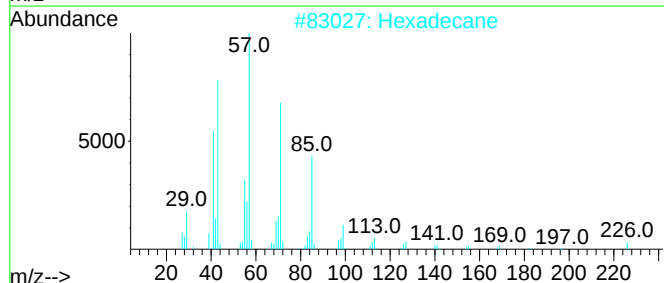
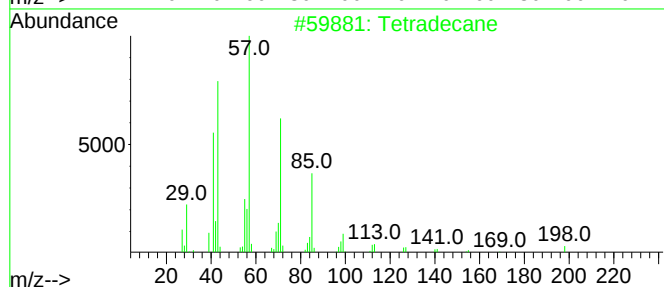
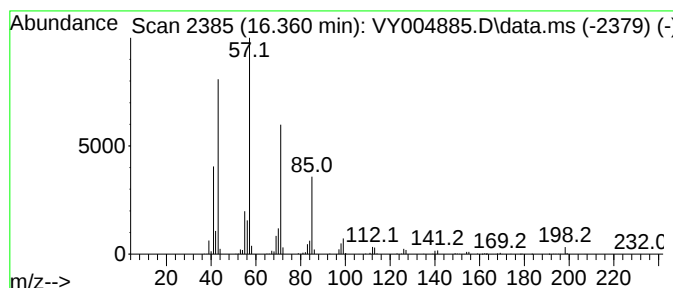
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	35.63 ug/l	802245	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	98
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004885.D
Acq On : 26 May 2021 14:40
Operator : SY/MD
Sample : M2518-02
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Dodecane	14.611	54.6	ug/l	1229170	4	13.428	1125740	50.0
1H-Indene, 2,3-...	14.684	29.6	ug/l	667429	4	13.428	1125740	50.0
unknown14.733	14.733	19.9	ug/l	449097	4	13.428	1125740	50.0
unknown15.050	15.050	18.9	ug/l	426640	4	13.428	1125740	50.0
Dodecane, 2-met...	15.135	23.0	ug/l	518232	4	13.428	1125740	50.0
Tridecane	15.434	81.5	ug/l	1835780	4	13.428	1125740	50.0
1H-Indene, 2,3-...	15.538	16.8	ug/l	377351	4	13.428	1125740	50.0
Naphthalene, 1,...	16.031	19.2	ug/l	432848	4	13.428	1125740	50.0
Tetradecane	16.360	35.6	ug/l	802245	4	13.428	1125740	50.0