

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003113.D
 Acq On : 06 Jul 2020 15:13
 Operator : SY/MD
 Sample : L3217-05
 Misc : 5.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-BOILER-ROOM

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.109	55	61	66	rBV2	13649	28738	1.82%	0.203%
2	2.396	103	108	115	rVB2	9395	17568	1.11%	0.124%
3	3.542	287	296	300	rBV3	7410	17061	1.08%	0.120%
4	3.962	358	365	374	rBV2	12828	31884	2.02%	0.225%
5	4.724	477	490	499	rBV	179943	572696	36.25%	4.041%
6	4.816	499	505	518	rVB4	50833	169493	10.73%	1.196%
7	5.755	650	659	669	rBV4	12362	39114	2.48%	0.276%
8	6.998	853	863	875	rBV3	20946	69660	4.41%	0.492%
9	7.529	942	950	957	rVB6	9578	24140	1.53%	0.170%
10	7.724	971	982	988	rBV3	184483	464026	29.37%	3.274%
11	7.797	988	994	1005	rVB	288411	637791	40.37%	4.500%
12	8.151	1037	1052	1062	rBV	149551	343932	21.77%	2.427%
13	8.693	1133	1141	1157	rBV	423898	863152	54.64%	6.091%
14	10.059	1360	1365	1371	rBV2	13035	23989	1.52%	0.169%
15	10.181	1377	1385	1392	rBV	617243	1042425	65.99%	7.356%
16	10.370	1410	1416	1423	rVB2	16104	24252	1.54%	0.171%
17	10.577	1443	1450	1464	rBV	50171	113956	7.21%	0.804%
18	10.961	1508	1513	1519	rVB5	12102	25876	1.64%	0.183%
19	11.315	1567	1571	1577	rBV	15565	26802	1.70%	0.189%
20	11.492	1592	1600	1609	rBV	473818	780324	49.40%	5.506%
21	12.479	1756	1762	1773	rVB2	322437	563711	35.68%	3.978%
22	12.802	1811	1815	1819	rBV	56190	78900	4.99%	0.557%
23	12.857	1820	1824	1828	rVB2	15253	23985	1.52%	0.169%
24	13.138	1865	1870	1873	rVB4	11755	18480	1.17%	0.130%
25	13.424	1912	1917	1925	rVB	269353	398891	25.25%	2.815%
26	13.753	1967	1971	1975	rVB5	33481	50010	3.17%	0.353%
27	13.967	2003	2006	2011	rBV6	17209	24485	1.55%	0.173%
28	14.076	2020	2024	2029	rBV8	19535	37464	2.37%	0.264%
29	14.381	2071	2074	2077	rBV3	28027	36038	2.28%	0.254%
30	14.424	2077	2081	2083	rBV4	23105	32538	2.06%	0.230%
31	14.613	2108	2112	2116	rBV	114831	157604	9.98%	1.112%
32	14.729	2127	2131	2138	rVB2	119284	176000	11.14%	1.242%
33	14.948	2163	2167	2169	rBV5	39967	58793	3.72%	0.415%
34	15.137	2195	2198	2205	rVB2	95341	149681	9.48%	1.056%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

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\82Y062920S.M
Title : SW846 8260

35	15.210	2205	2210	2218	rBV	450490	763955	48.36%	5.391%
36	15.436	2242	2247	2255	rBV	442365	665362	42.12%	4.695%
37	15.540	2256	2264	2269	rVV5	134842	369762	23.41%	2.609%
38	15.607	2272	2275	2279	rVB	167558	254231	16.09%	1.794%
39	15.881	2315	2320	2324	rBV5	178720	381055	24.12%	2.689%
40	15.966	2331	2334	2338	rVB2	119996	161084	10.20%	1.137%
41	16.015	2338	2342	2349	rBV5	206549	421972	26.71%	2.978%
42	16.094	2349	2355	2360	rBV3	222572	425531	26.94%	3.003%
43	16.155	2360	2365	2372	rBV	929168	1579731	100.00%	11.147%
44	16.229	2374	2377	2382	rVV3	102447	169739	10.74%	1.198%
45	16.363	2393	2399	2404	rBV	720990	1295212	81.99%	9.139%
46	16.472	2413	2417	2422	rBV5	253608	560624	35.49%	3.956%

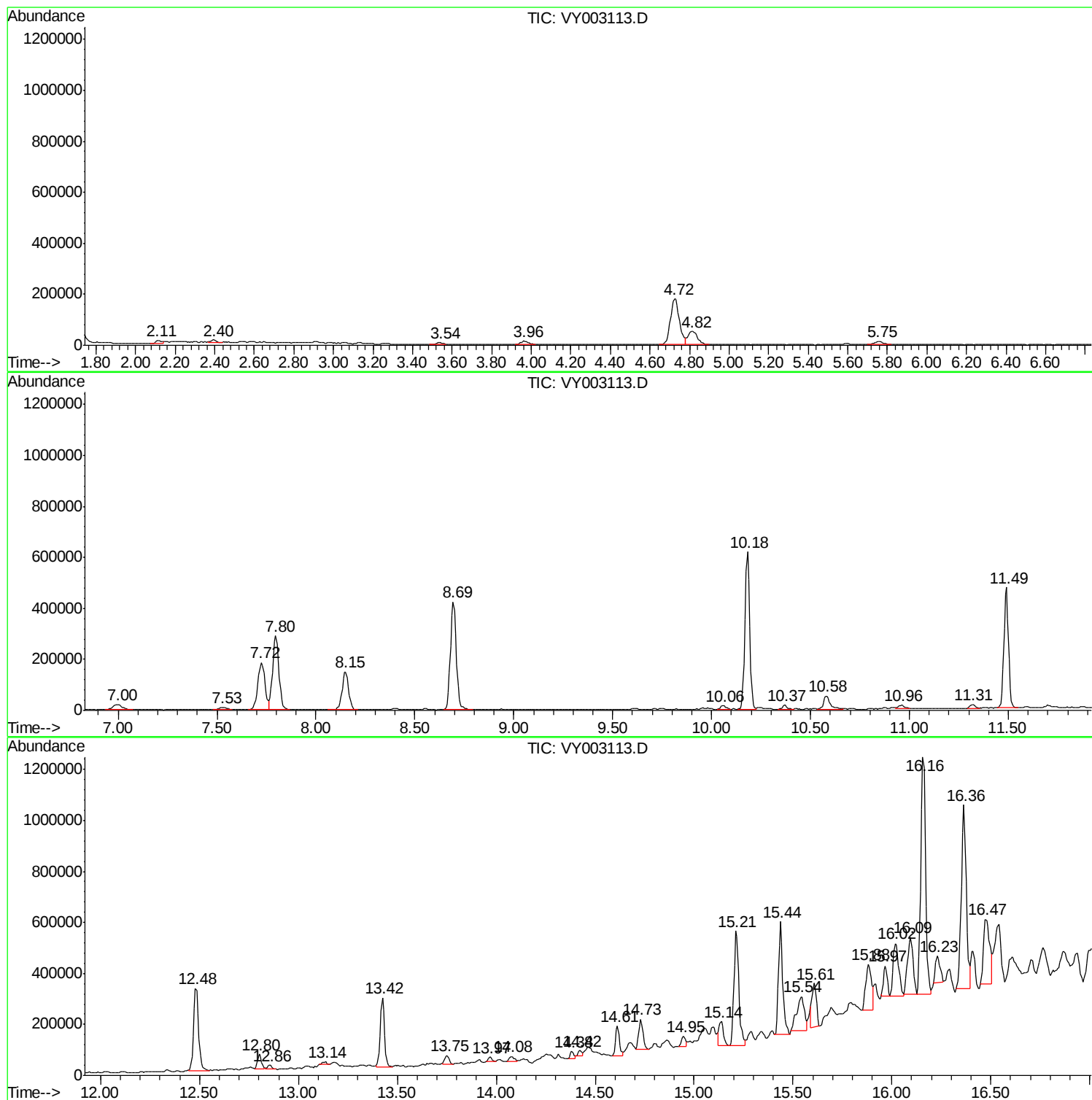
Sum of corrected areas: 14171717

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

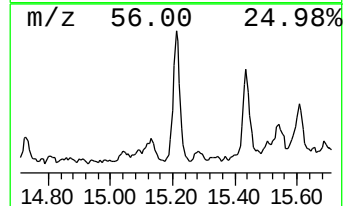
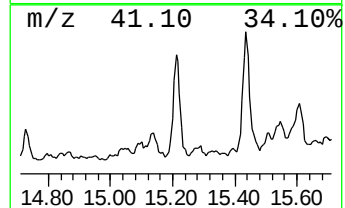
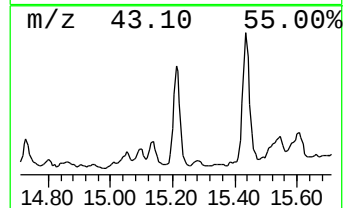
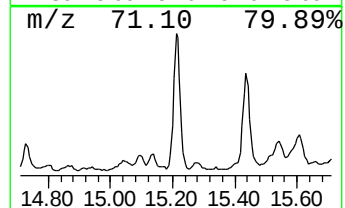
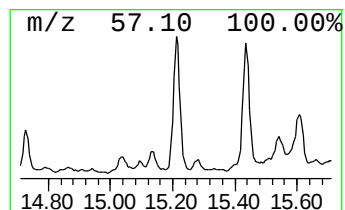
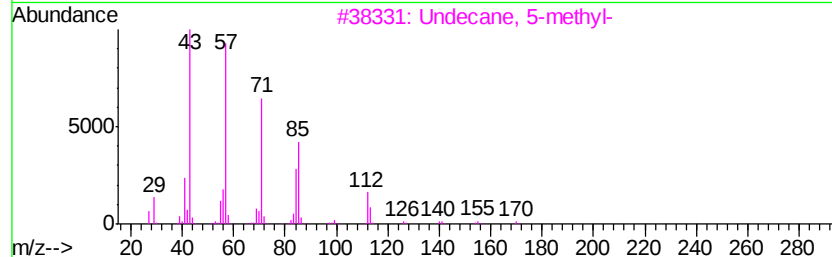
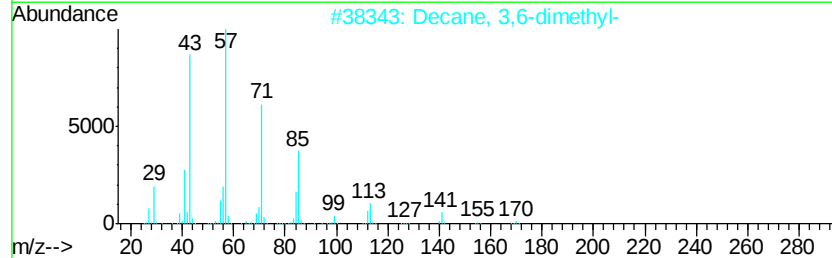
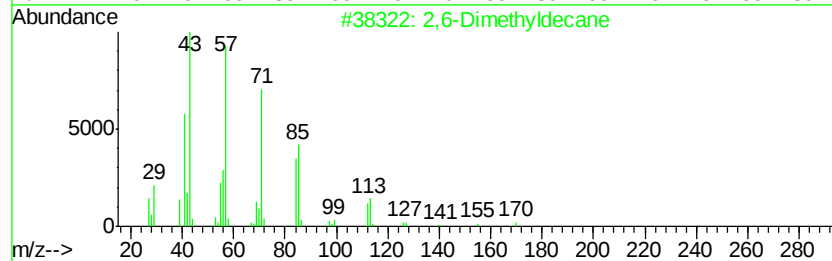
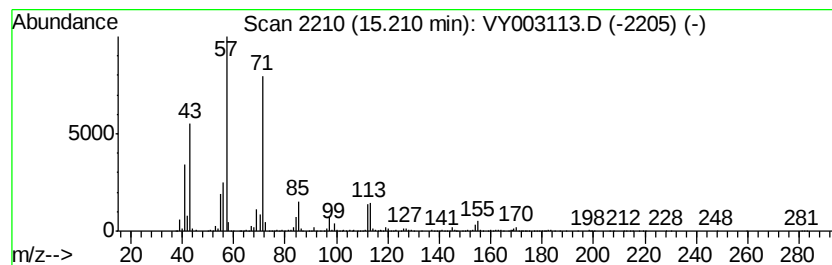
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 1 2,6-Dimethyldecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	95.76 ug/l	763955	1,4-Dichlorobenzene-d4	13.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethyldecane	170	C12H26	013150-81-7	87
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	80
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

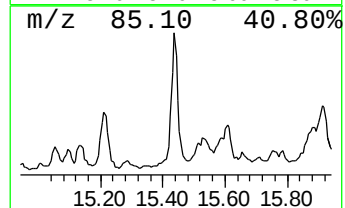
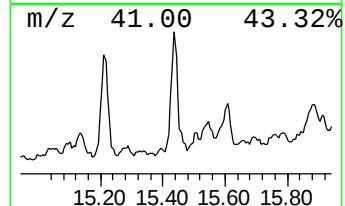
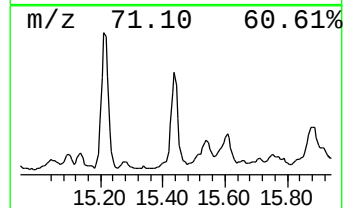
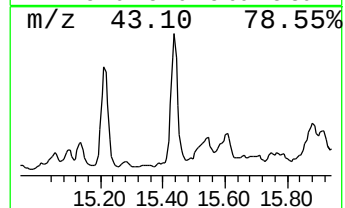
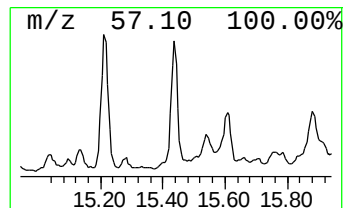
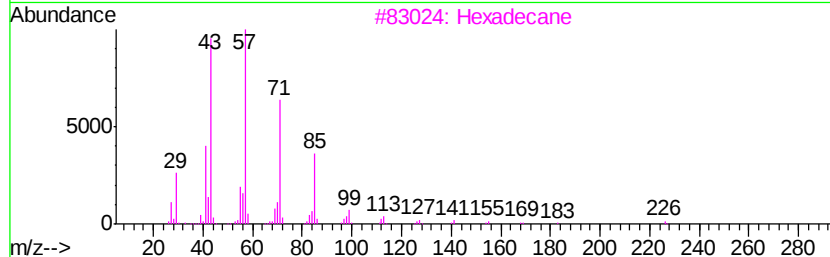
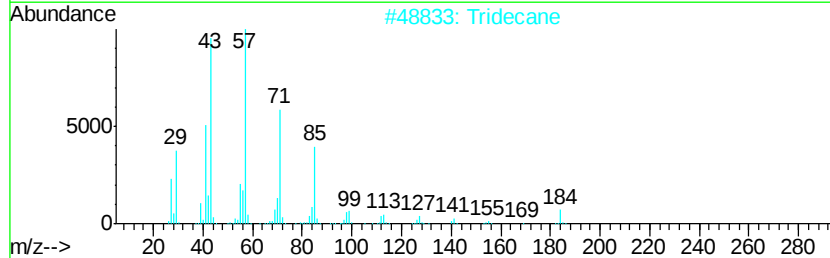
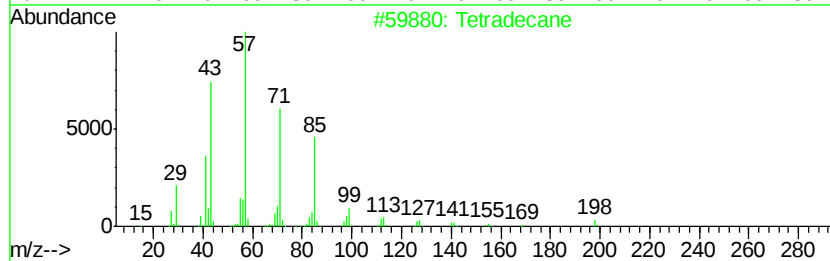
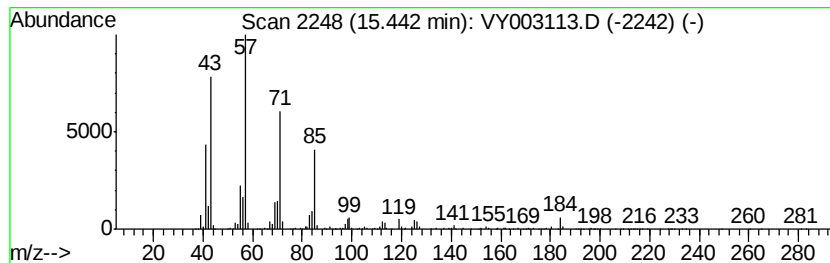
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 2 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	83.40 ug/l	665362	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane	184	C13H28	000629-50-5	93
3		Hexadecane	226	C16H34	000544-76-3	80
4		Dodecane	170	C12H26	000112-40-3	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

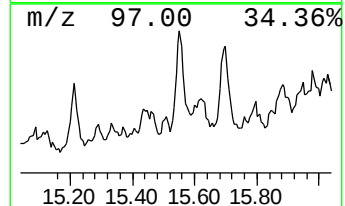
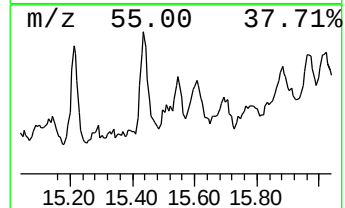
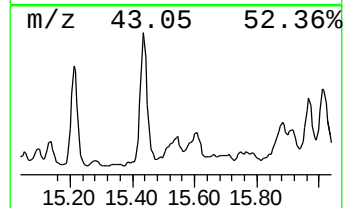
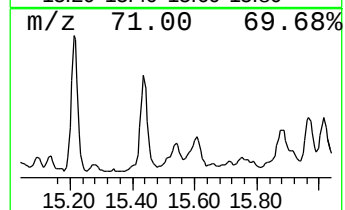
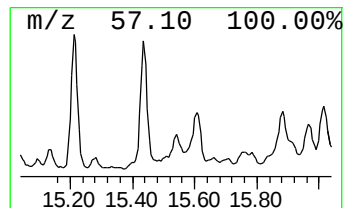
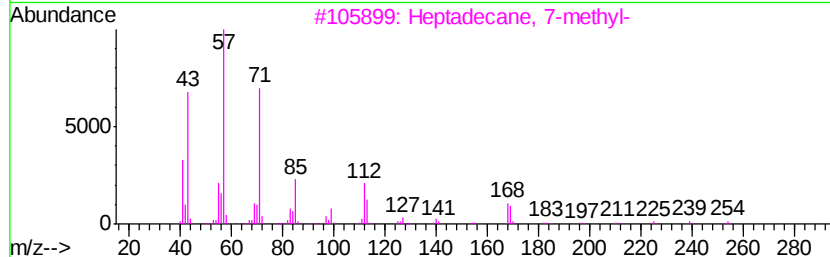
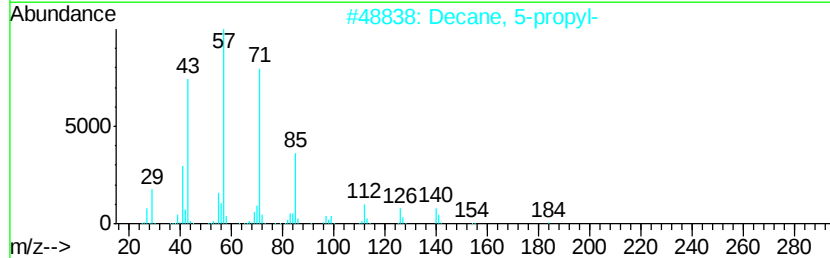
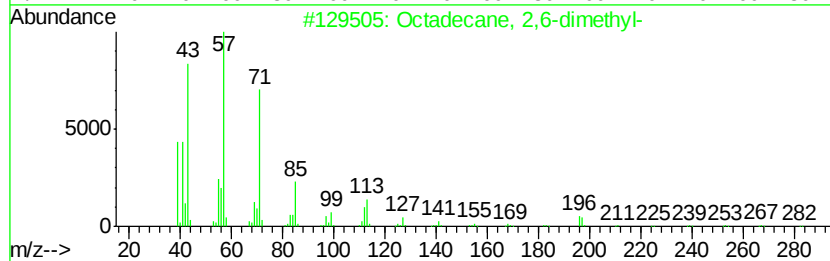
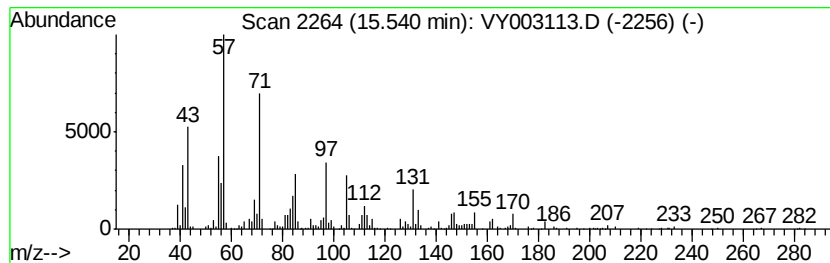
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown15.54 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	46.35 ug/l	369762	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	49
2		Decane, 5-propyl-	184	C13H28	017312-62-8	43
3		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	38
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	35
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

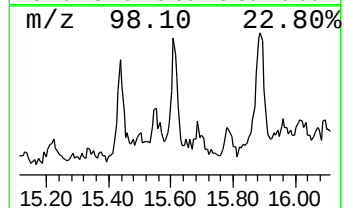
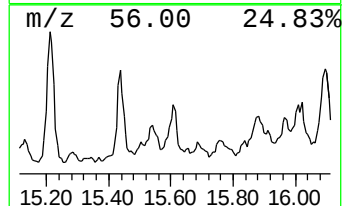
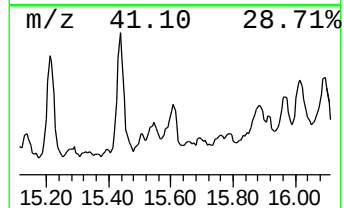
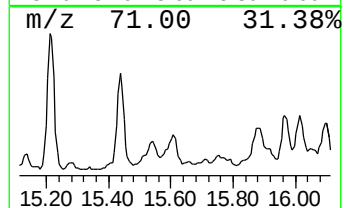
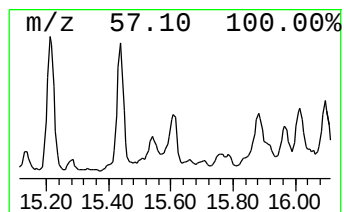
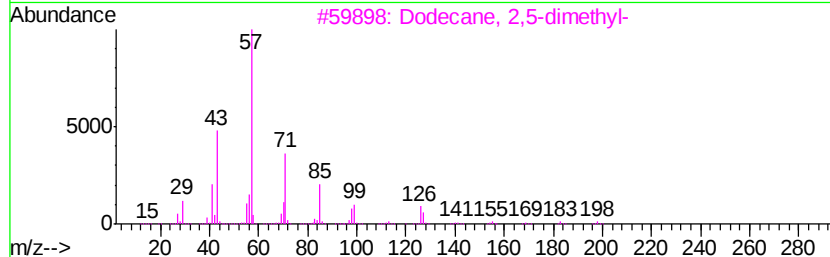
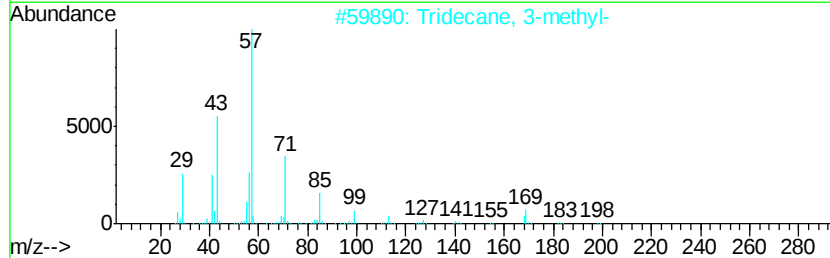
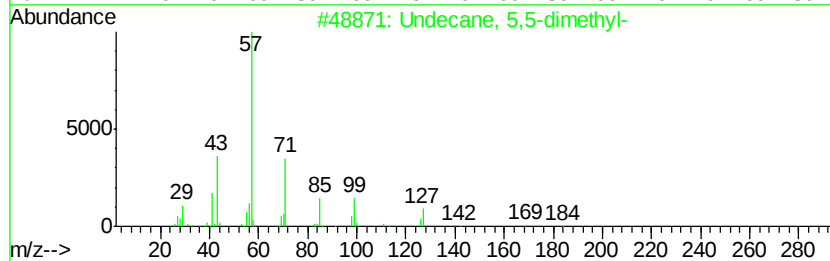
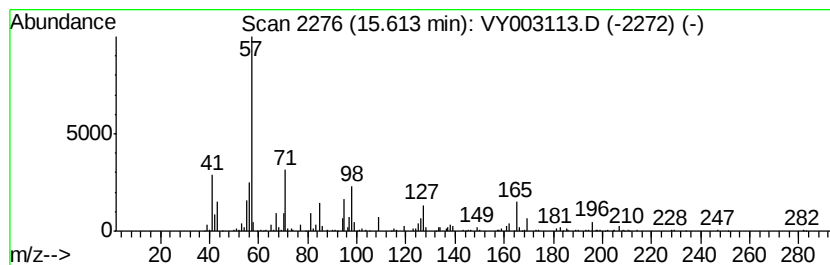
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown15.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	31.87 ug/l	254231	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	49
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
3		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	43
4		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	43
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

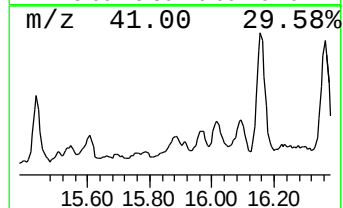
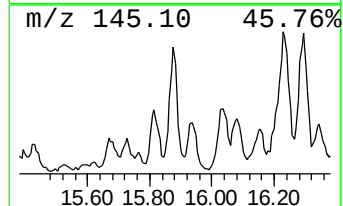
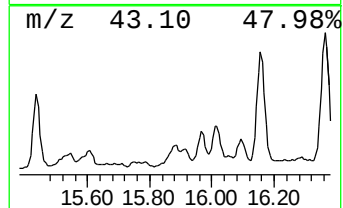
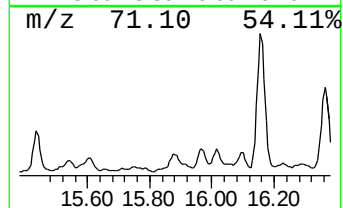
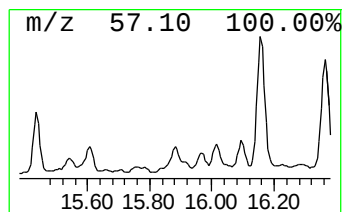
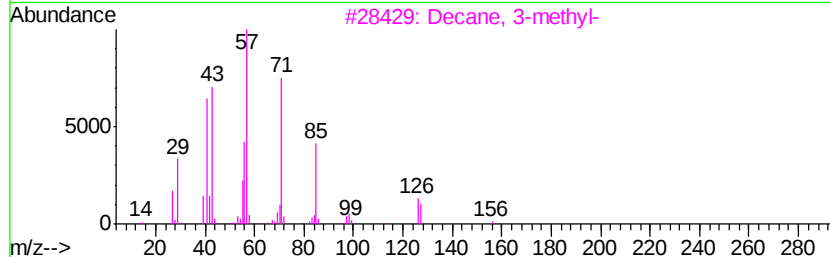
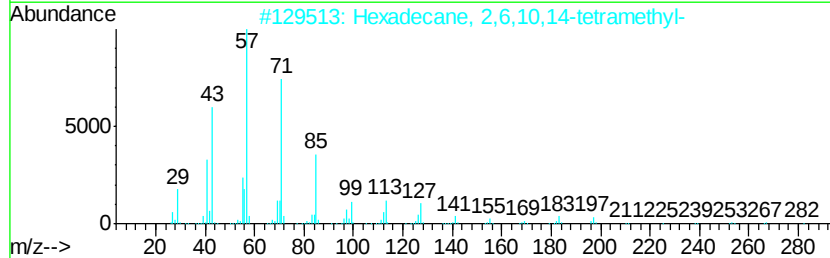
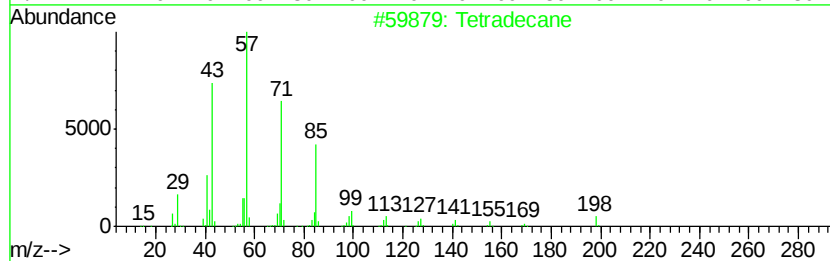
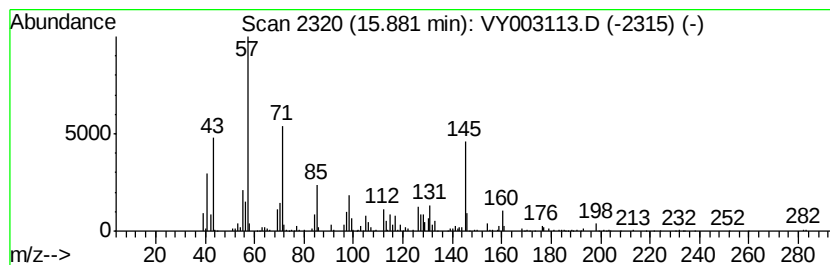
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown15.88 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	47.76 ug/l	381055	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	42
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	42
3		Decane, 3-methyl-	156	C11H24	013151-34-3	30
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	30
5		Hexadecane	226	C16H34	000544-76-3	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

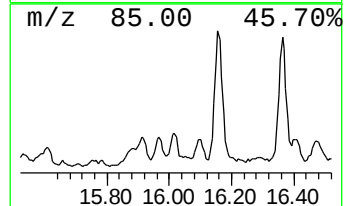
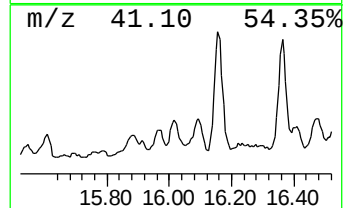
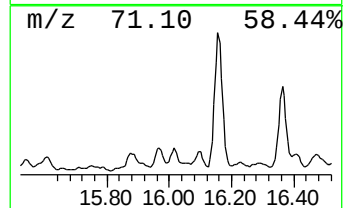
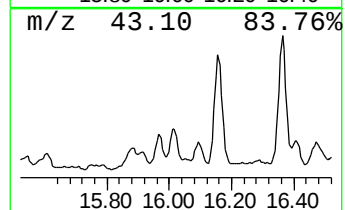
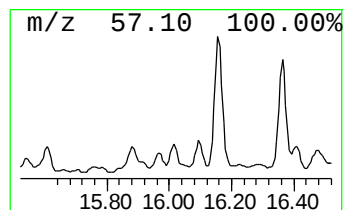
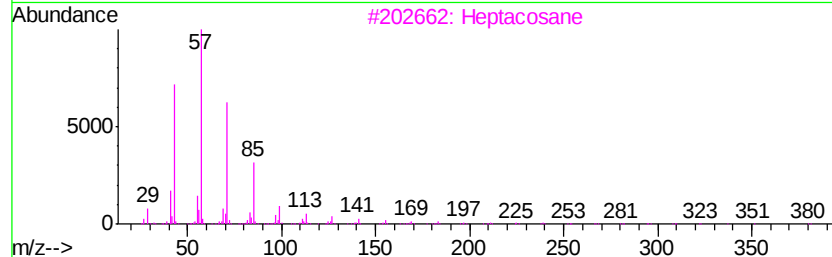
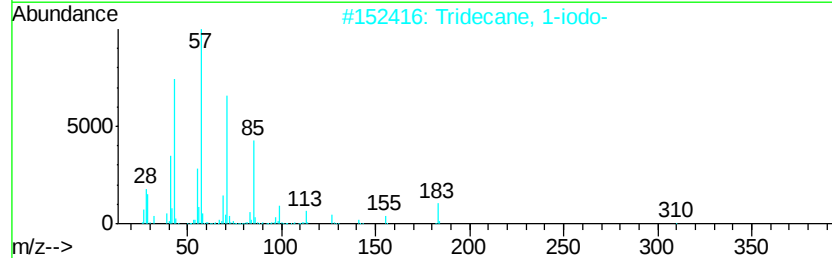
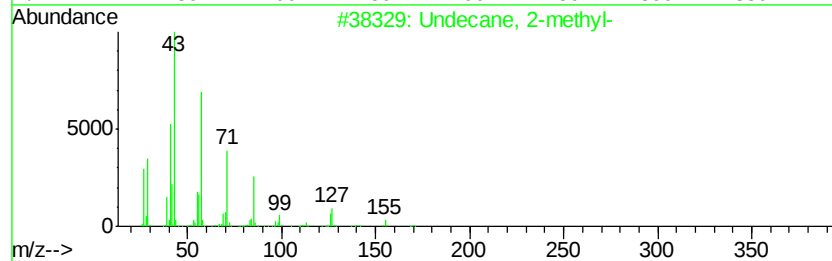
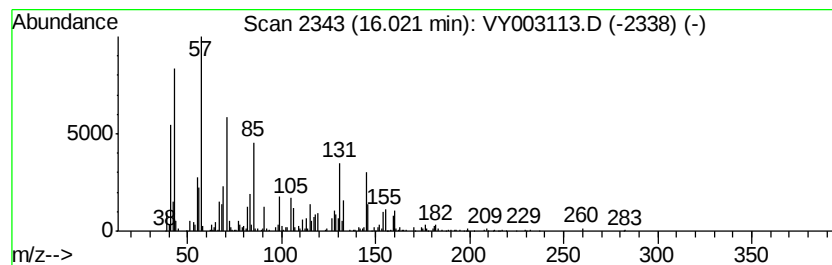
Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 6 Undecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	52.89 ug/l	421972	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2-methyl-	170 C12H26	007045-71-8	64
2	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	62
3	Heptacosane	380 C27H56	000593-49-7	58
4	Eicosane	282 C20H42	000112-95-8	58
5	Nonane, 4,5-dimethyl-	156 C11H24	017302-23-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

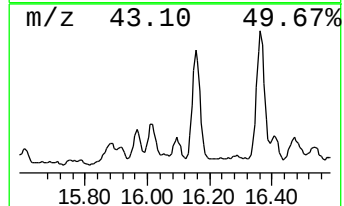
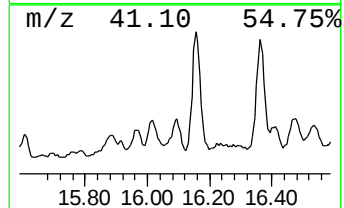
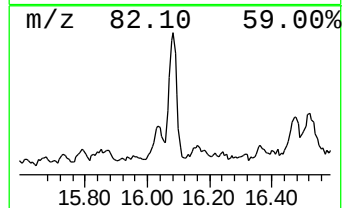
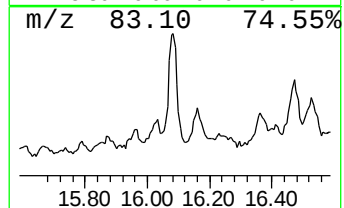
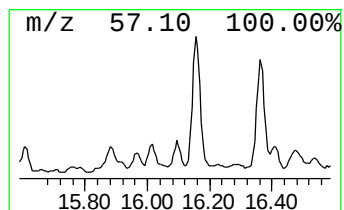
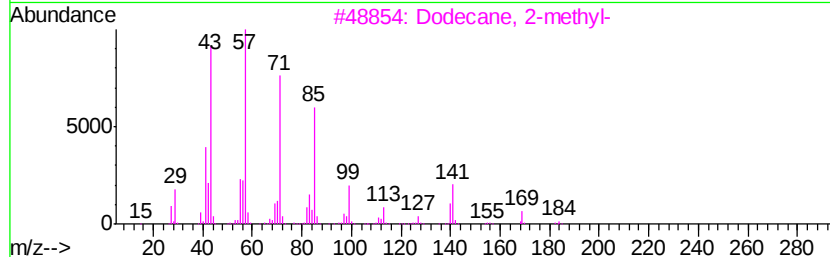
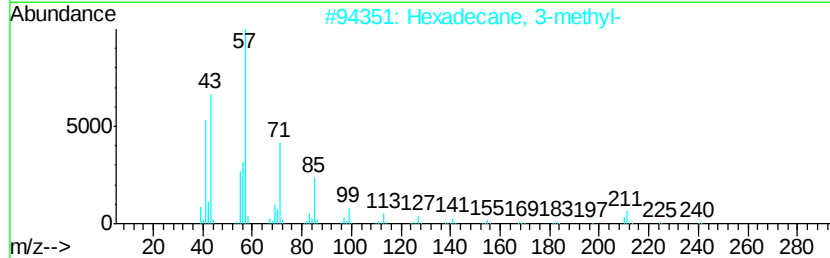
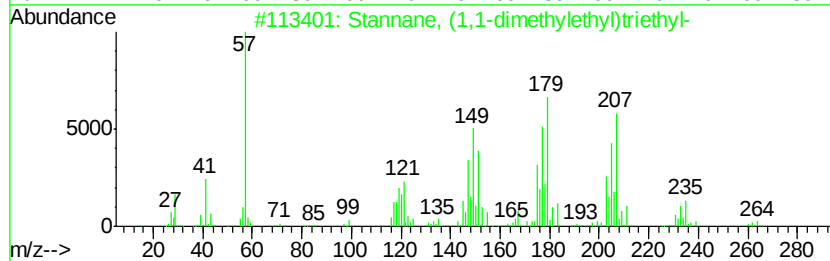
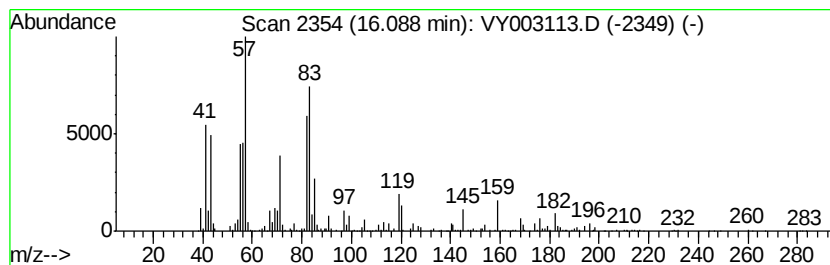
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 7 Stannane, (1,1-dimethylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	53.34 ug/l	425531	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Stannane, (1,1-dimethylethyl)tri...	264	C10H24Sn	035569-21-2	90
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	46
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	43
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
5		Tetracosane	338	C24H50	000646-31-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

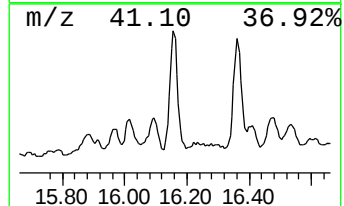
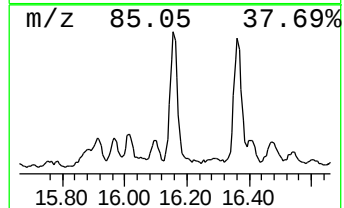
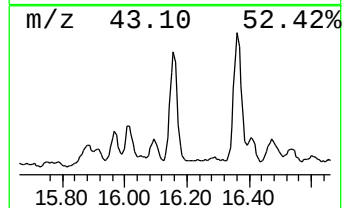
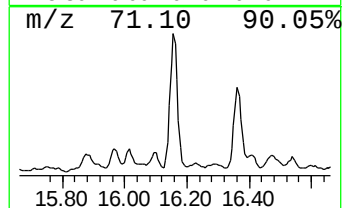
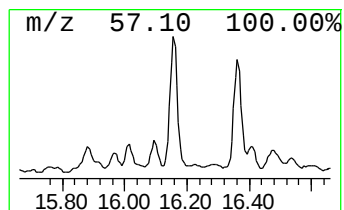
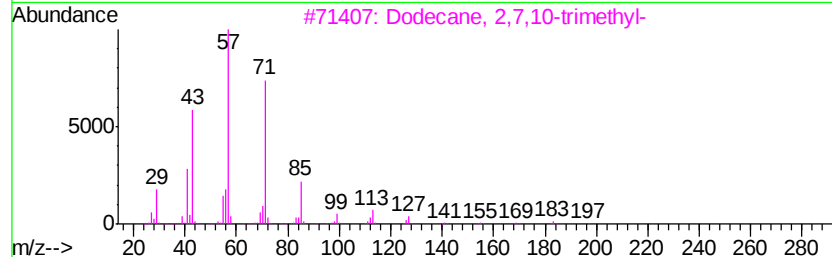
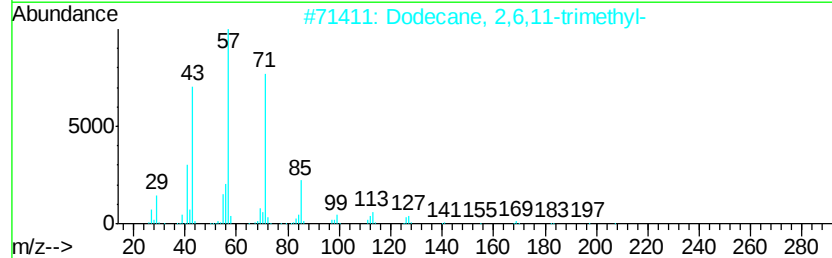
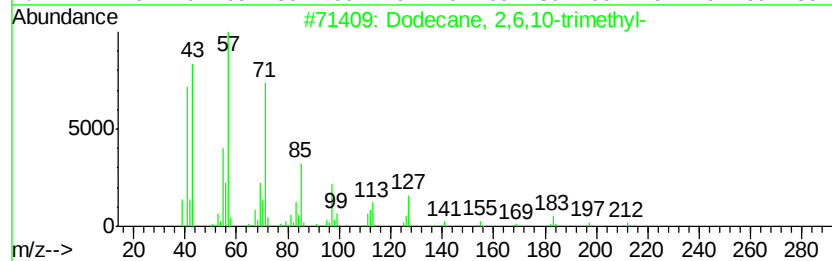
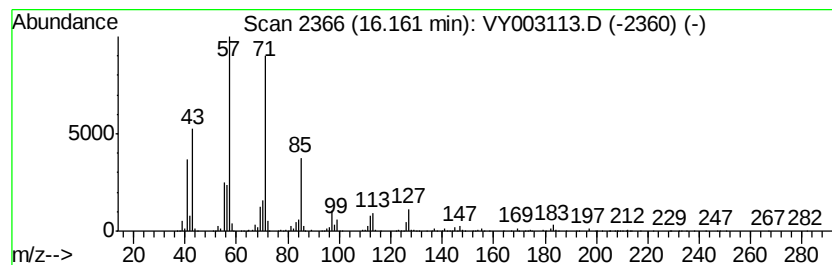
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	198.02 ug/l	1579730	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4		Octane, 2-methyl-	128	C9H20	003221-61-2	81
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

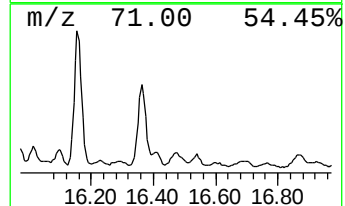
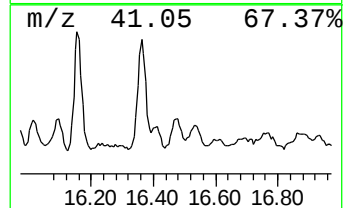
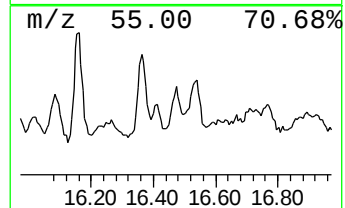
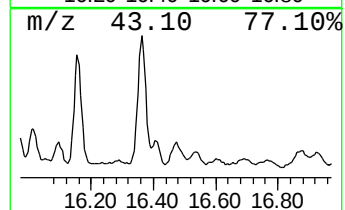
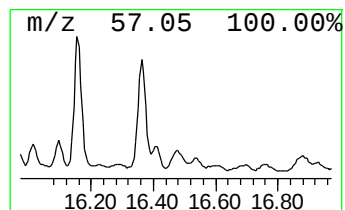
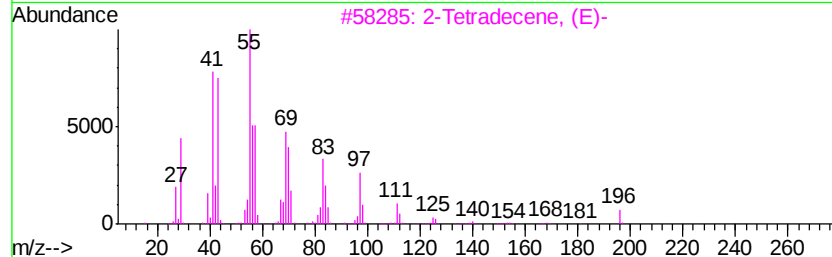
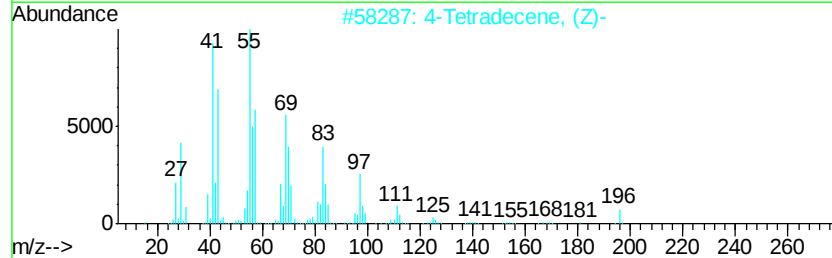
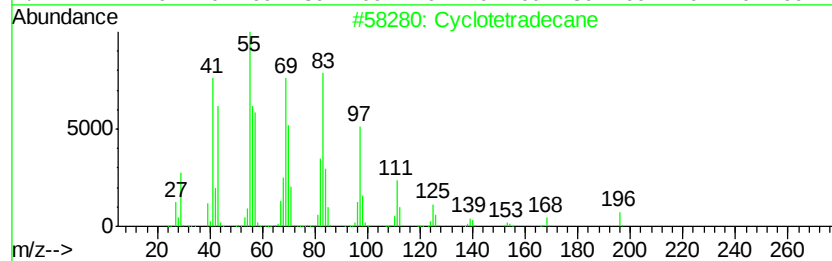
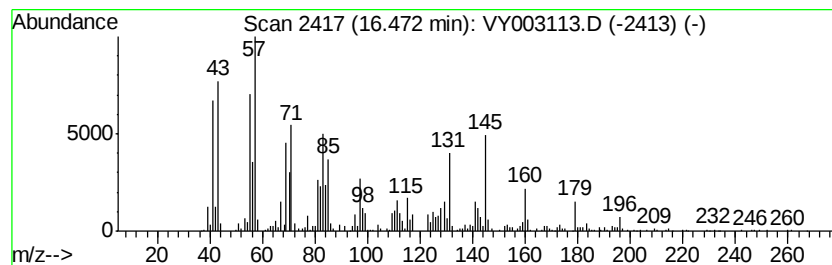
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 10 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	70.27 ug/l	560624	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	72
2		4-Tetradecene, (Z)-	196	C14H28	041446-65-5	49
3		2-Tetradecene, (E)-	196	C14H28	035953-54-9	43
4		5-Tetradecene, (E)-	196	C14H28	041446-66-6	42
5		4-Tetradecene, (E)-	196	C14H28	041446-78-0	42



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070620\
Data File : VY003113.D
Acq On : 06 Jul 2020 15:13
Operator : SY/MD
Sample : L3217-05
Misc : 5.13G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.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
2,6-Dimethyldecane	15.21	95.8	ug/l	763955	4	13.42	398891	50.0
Tetradecane	15.44	83.4	ug/l	665362	4	13.42	398891	50.0
unknown15.54	15.54	46.4	ug/l	369762	4	13.42	398891	50.0
unknown15.61	15.61	31.9	ug/l	254231	4	13.42	398891	50.0
unknown15.88	15.88	47.8	ug/l	381055	4	13.42	398891	50.0
Undecane, 2-methyl-	16.02	52.9	ug/l	421972	4	13.42	398891	50.0
Stannane, (1,1-di...	16.09	53.3	ug/l	425531	4	13.42	398891	50.0
Dodecane, 2,6,10-...	16.16	198.0	ug/l	1579730	4	13.42	398891	50.0
Cyclotetradecane	16.47	70.3	ug/l	560624	4	13.42	398891	50.0