

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013021.D
 Acq On : 15 Sep 2019 04:52
 Operator : SY/VA
 Sample : K4787-11
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5-D2(9.5-10)

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_W\METHOD\82W091419S.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	1.946	3	7	21	rVB3	36157	78640	5.49%	0.735%
2	2.148	35	40	52	rBV	22227	52734	3.68%	0.493%
3	2.312	62	67	78	rVB4	13707	35737	2.49%	0.334%
4	2.800	141	147	150	rBV	16936	33091	2.31%	0.309%
5	2.995	174	179	187	rVB4	7596	17124	1.19%	0.160%
6	3.367	233	240	251	rVB5	5030	14428	1.01%	0.135%
7	4.135	353	366	378	rBV2	20191	67708	4.72%	0.633%
8	4.891	479	490	492	rBV	18298	37594	2.62%	0.351%
9	5.104	516	525	538	rVB2	15382	54190	3.78%	0.506%
10	7.147	848	860	876	rBV3	38844	143624	10.02%	1.342%
11	7.878	971	980	985	rBV2	184095	445661	31.10%	4.165%
12	7.939	985	990	1000	rVB	400797	882295	61.57%	8.245%
13	8.305	1037	1050	1062	rBV2	219690	528892	36.91%	4.942%
14	8.476	1069	1078	1089	rVB3	7834	26838	1.87%	0.251%
15	8.695	1105	1114	1125	rBV4	8579	22456	1.57%	0.210%
16	8.835	1127	1137	1151	rBV	549028	1121994	78.29%	10.485%
17	9.085	1171	1178	1189	rBV8	8602	20928	1.46%	0.196%
18	9.329	1214	1218	1224	rVB6	6971	15078	1.05%	0.141%
19	9.756	1282	1288	1294	rVB4	7223	15440	1.08%	0.144%
20	10.323	1373	1381	1388	rBV	806261	1433106	100.00%	13.392%
21	10.390	1388	1392	1398	rVB2	21813	39810	2.78%	0.372%
22	10.506	1405	1411	1423	rVB7	10719	26391	1.84%	0.247%
23	10.701	1431	1443	1447	rBV2	10303	24439	1.71%	0.228%
24	10.859	1460	1469	1477	rBV3	40497	77286	5.39%	0.722%
25	11.414	1555	1560	1571	rVB3	6888	22748	1.59%	0.213%
26	11.512	1571	1576	1580	rBV4	8585	14787	1.03%	0.138%
27	11.628	1587	1595	1603	rBV	603660	1027755	71.72%	9.604%
28	11.731	1607	1612	1615	rVV	11831	19366	1.35%	0.181%
29	11.835	1623	1629	1635	rBV2	25406	54710	3.82%	0.511%
30	12.164	1672	1683	1691	rBV5	18336	58392	4.07%	0.546%
31	12.243	1691	1696	1701	rVB6	8794	19059	1.33%	0.178%
32	12.329	1701	1710	1713	rBV8	12779	31119	2.17%	0.291%
33	12.365	1713	1716	1723	rVB6	11662	23375	1.63%	0.218%
34	12.438	1723	1728	1730	rBV5	11366	22596	1.58%	0.211%

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Integration Parameters: RTEINT.P

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35	12.469	1730	1733	1738	rVB6	10942	17591	1.23%	0.164%
36	12.615	1750	1757	1767	rVB2	422504	715474	49.92%	6.686%
37	12.701	1767	1771	1775	rBV5	10007	18174	1.27%	0.170%
38	12.932	1804	1809	1817	rBV3	41651	87796	6.13%	0.820%
39	13.079	1829	1833	1835	rBV5	14162	21720	1.52%	0.203%
40	13.164	1844	1847	1848	rBV2	29546	34782	2.43%	0.325%
41	13.194	1848	1852	1857	rVB2	72385	123635	8.63%	1.155%
42	13.249	1858	1861	1865	rBV	17355	28183	1.97%	0.263%
43	13.298	1865	1869	1877	rVB2	46678	70566	4.92%	0.659%
44	13.408	1878	1887	1892	rBV2	163204	330591	23.07%	3.089%
45	13.517	1902	1905	1907	rBV2	33691	42330	2.95%	0.396%
46	13.560	1907	1912	1915	rVV	239608	436565	30.46%	4.080%
47	13.603	1915	1919	1930	rVB	328563	731541	51.05%	6.836%
48	13.706	1930	1936	1939	rBV6	20209	45339	3.16%	0.424%
49	13.767	1939	1946	1953	rBV2	167982	328895	22.95%	3.073%
50	13.835	1953	1957	1960	rBV5	37588	58813	4.10%	0.550%
51	13.877	1960	1964	1966	rBV4	46092	69159	4.83%	0.646%
52	14.072	1992	1996	2000	rBV3	56789	108994	7.61%	1.019%
53	14.200	2012	2017	2022	rBV6	26833	60917	4.25%	0.569%
54	14.261	2022	2027	2034	rVV6	67735	182646	12.74%	1.707%
55	14.334	2035	2039	2043	rVV6	38987	82793	5.78%	0.774%
56	14.383	2043	2047	2050	rVV4	52384	95948	6.70%	0.897%
57	14.420	2050	2053	2058	rVV4	40367	79766	5.57%	0.745%
58	14.499	2061	2066	2077	rVB4	80194	236977	16.54%	2.214%
59	14.743	2102	2106	2111	rBV4	16731	22879	1.60%	0.214%
60	15.060	2154	2158	2162	rBV7	17135	27061	1.89%	0.253%
61	15.328	2197	2202	2207	rVB4	19828	34124	2.38%	0.319%
62	15.505	2225	2231	2240	rVB4	12614	34049	2.38%	0.318%
63	15.730	2264	2268	2274	rVB8	12674	23468	1.64%	0.219%
64	16.639	2412	2417	2427	rVB6	14968	41021	2.86%	0.383%

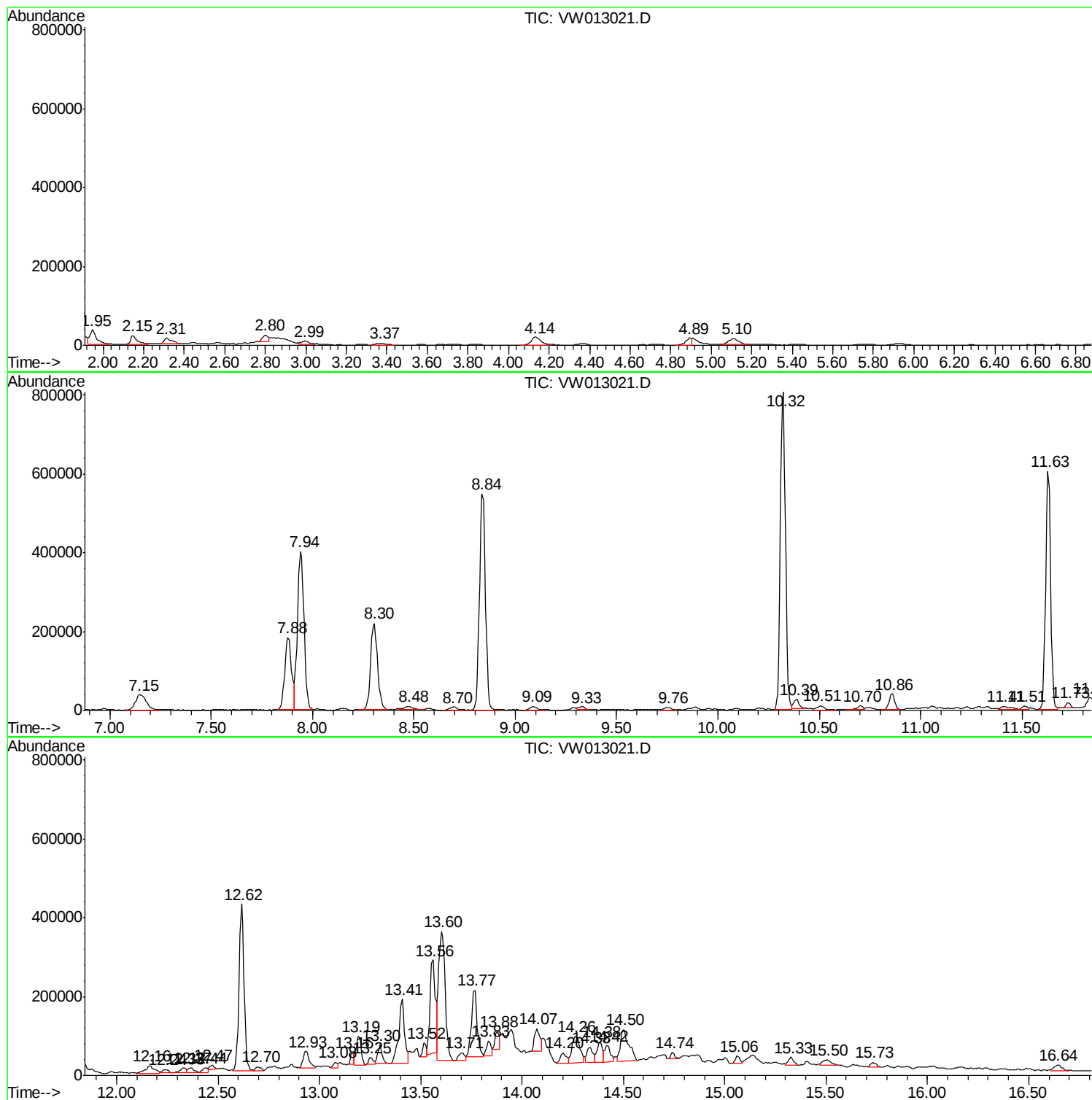
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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



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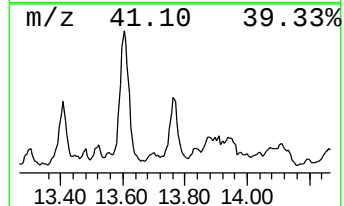
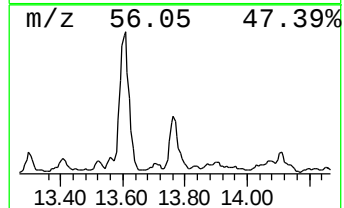
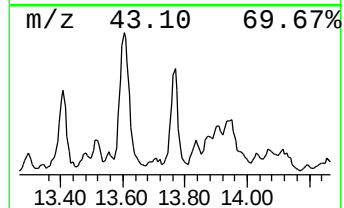
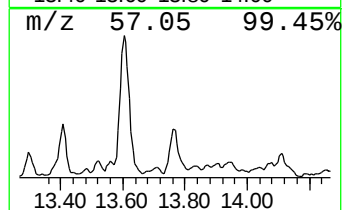
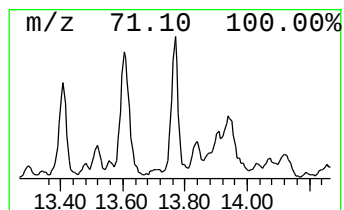
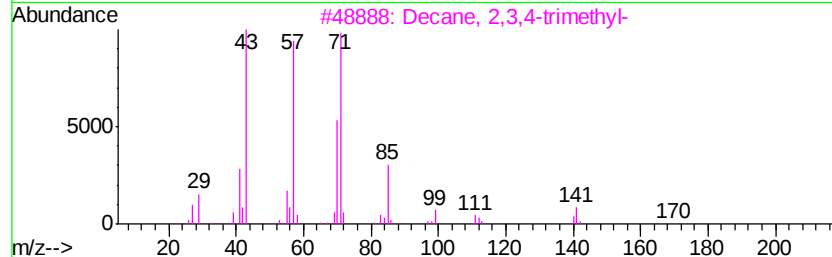
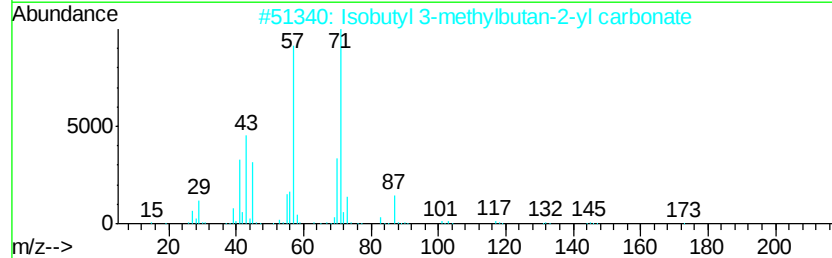
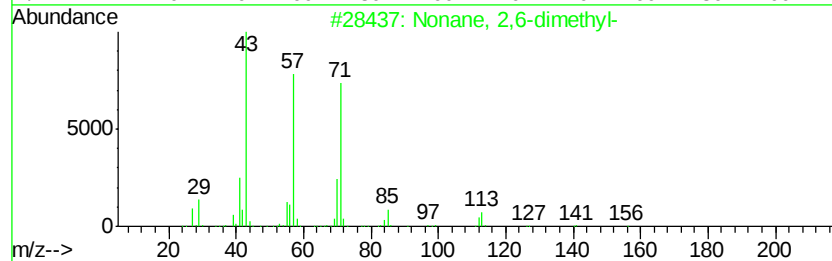
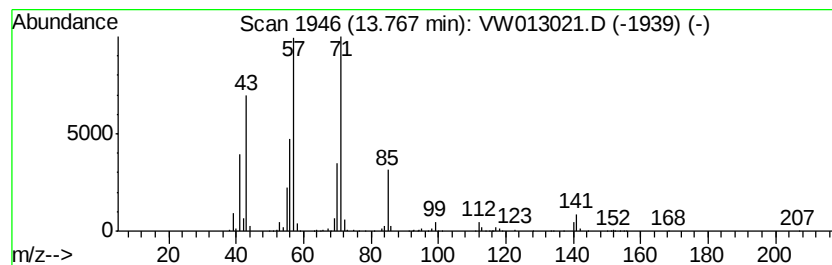
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	37.67 ug/l	328895	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
2		Isobutyl 3-methylbutan-2-yl carb...	188	C10H20O3	1000372-77-0	50
3		Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	50
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



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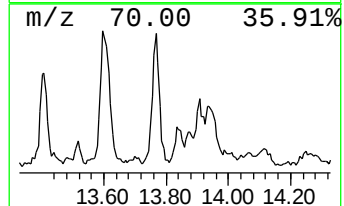
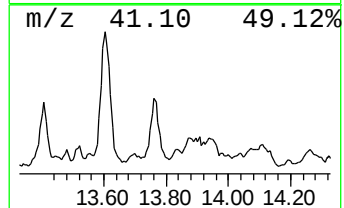
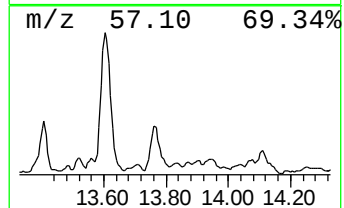
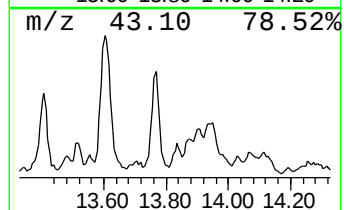
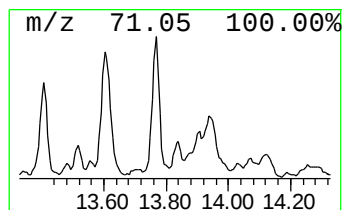
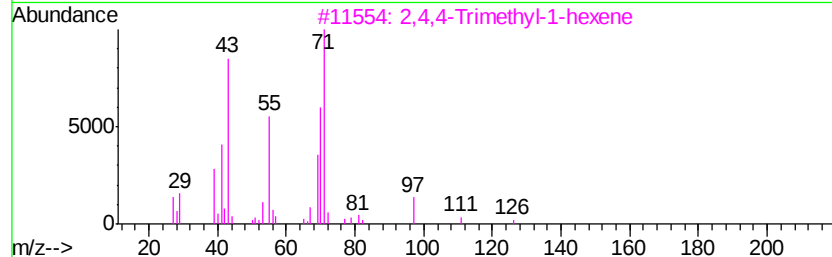
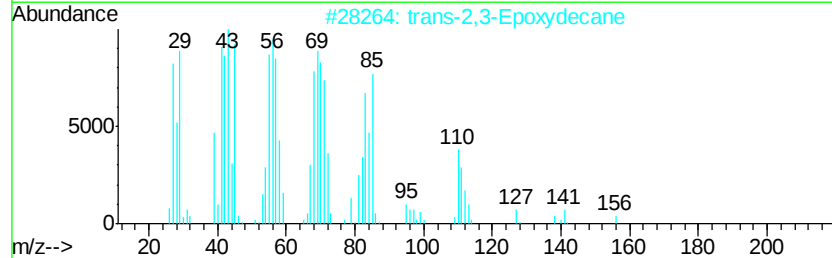
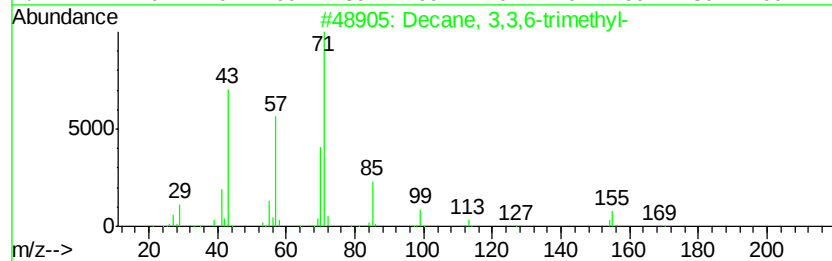
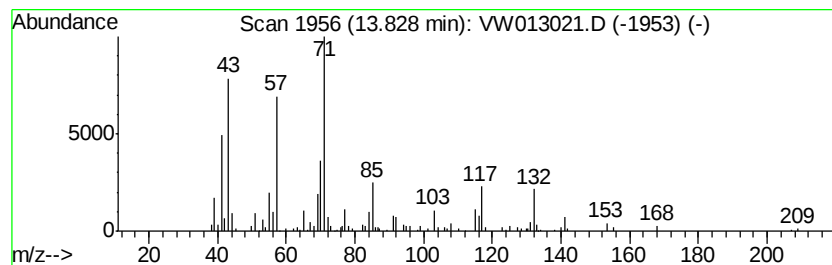
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Quant Title : SW846 8260

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

Peak Number 2 Decane, 3,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.74 ug/l	58813	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	53
2		trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	50
3		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	49
4		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	47
5		1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	47



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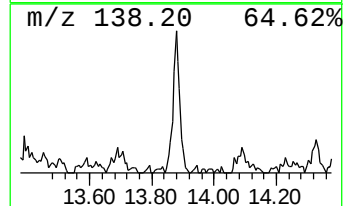
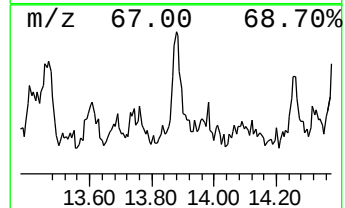
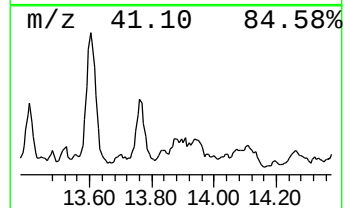
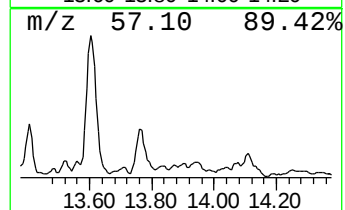
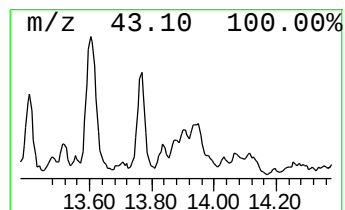
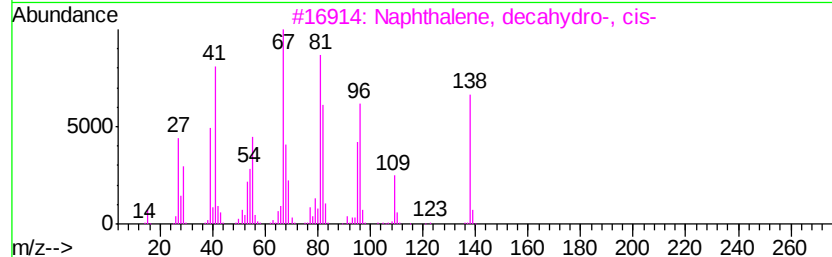
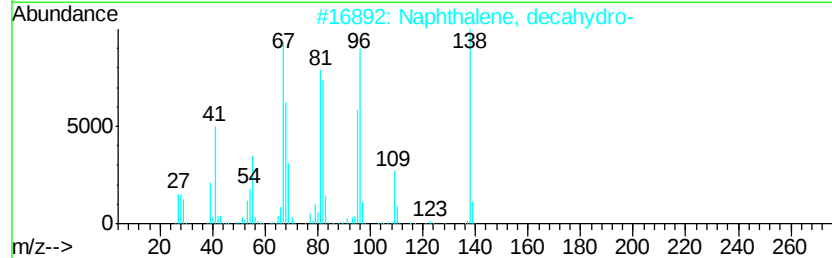
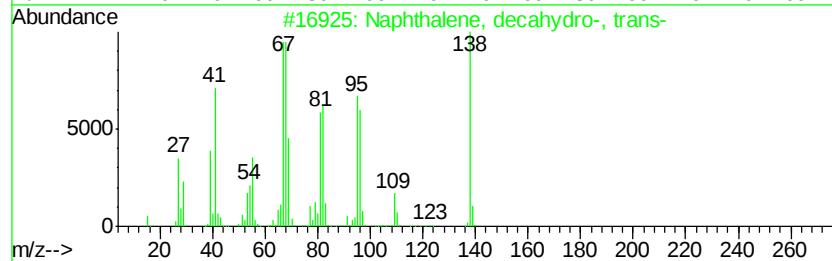
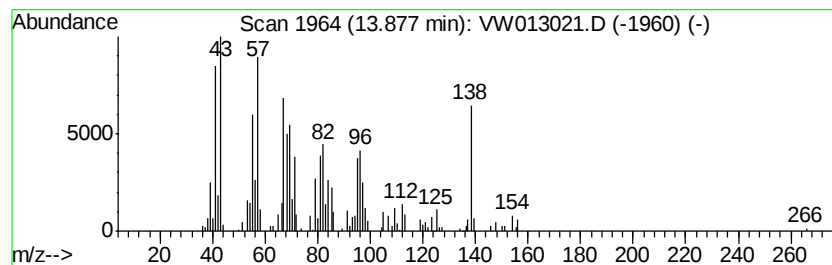
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.92 ug/l	69159	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	89
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58
4		Cyclopentanone, 2-(2-methylpropyl)-	138	C9H14O	016856-72-7	55
5		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	52



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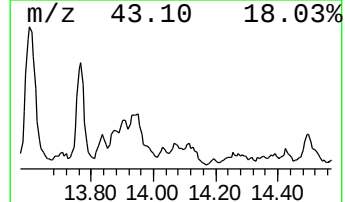
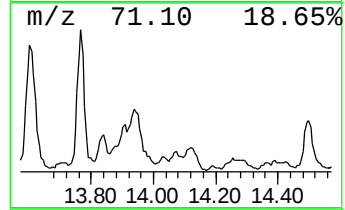
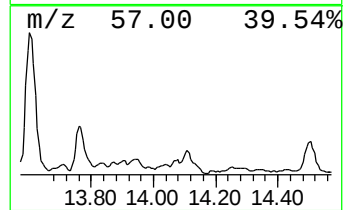
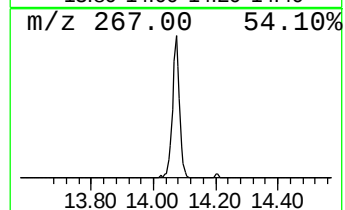
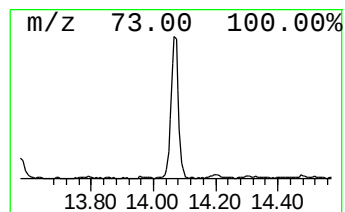
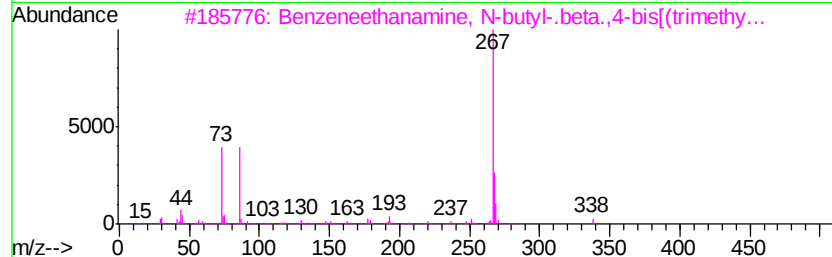
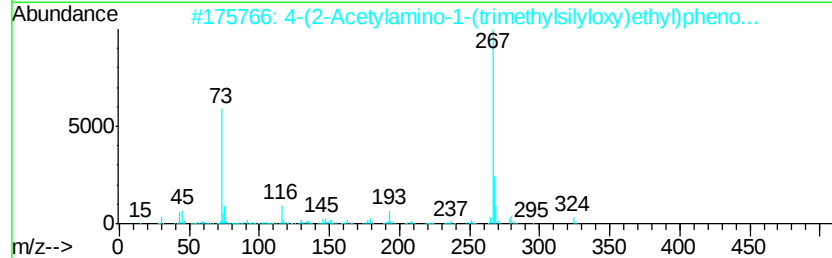
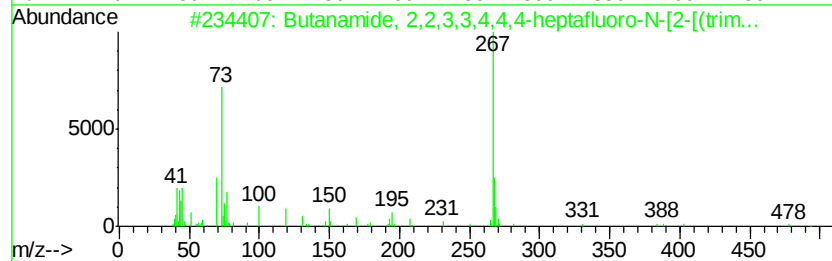
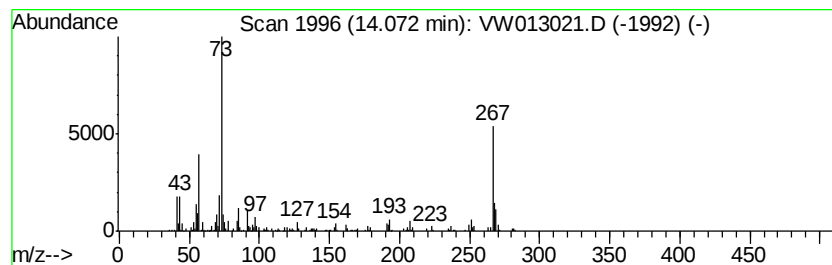
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Peak Number 4 Butanamide, 2,2,3,3,4,4,4-h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	12.48 ug/l	108994	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanamide, 2,2,3,3,4,4,4-heptafluoro-N-[2-[(trimethylsilyloxy)ethyl]phenoxy]ethyl-4-bis[(trimethylsilyloxy)ethyl]phenoxy]	493	C18H26F7N03Si2	055471-01-7	59
2			4-(2-Acetylamino-1-(trimethylsilyloxy)ethyl)phenol	339	C16H29N03Si2	1000373-43-5	53
3			Benzeneethanamine, N-butyl-.beta.-,4-bis[(trimethylsilyloxy)ethyl]phenoxy]	353	C18H35N02Si2	040629-66-1	53
4			4-Hydroxymandelic acid, ethyl ester	340	C16H28O4Si2	1000071-53-3	42
5			p-Trimethylsilyloxyphenyl-(trimethylsilyloxy)methyl ether	398	C18H34O4Si3	1000079-05-1	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013021.D
Acq On : 15 Sep 2019 04:52
Operator : SY/VA
Sample : K4787-11
Misc : 6.37G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

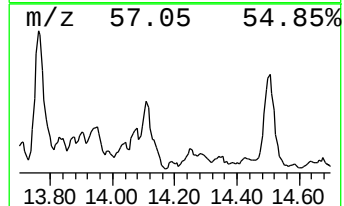
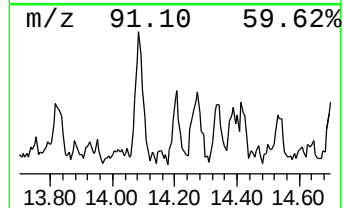
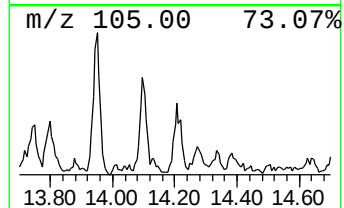
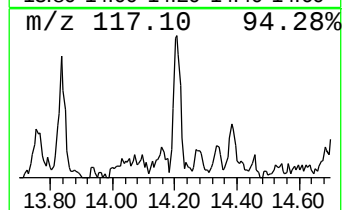
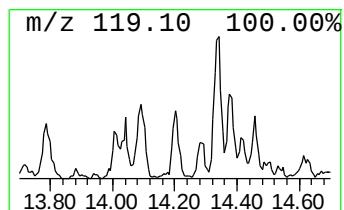
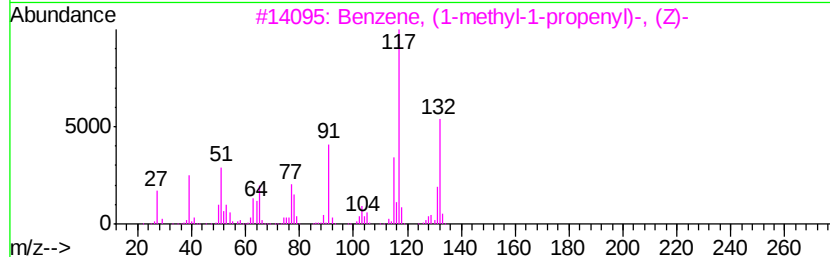
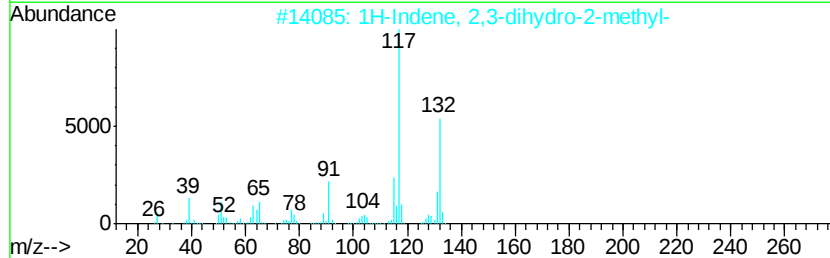
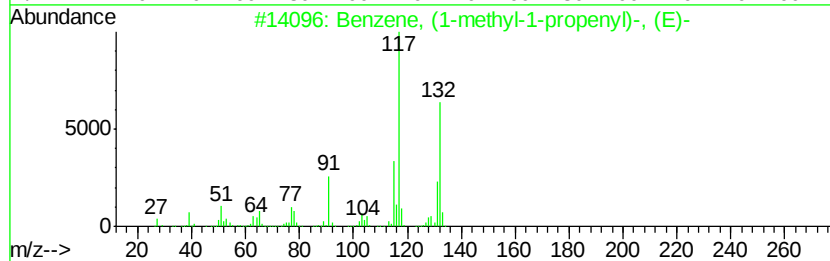
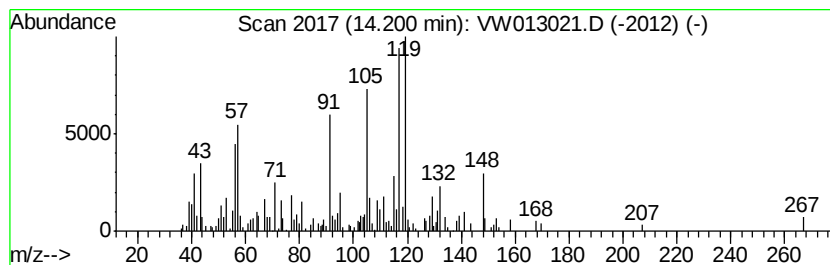
Instrument :
MSVOA_W
ClientSampleId :
TP-5-D2(9.5-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.20 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.20	6.98 ug/l	60917	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	42
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	42
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	42
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013021.D
Acq On : 15 Sep 2019 04:52
Operator : SY/VA
Sample : K4787-11
Misc : 6.37G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
TP-5-D2(9.5-10)

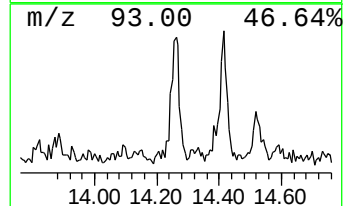
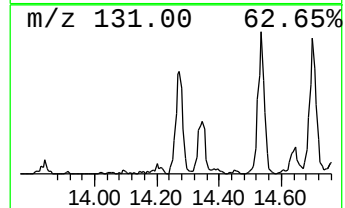
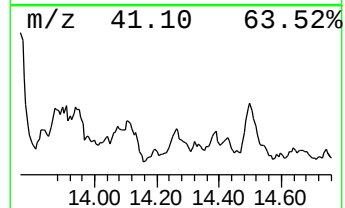
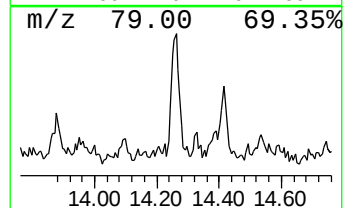
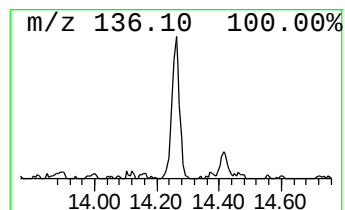
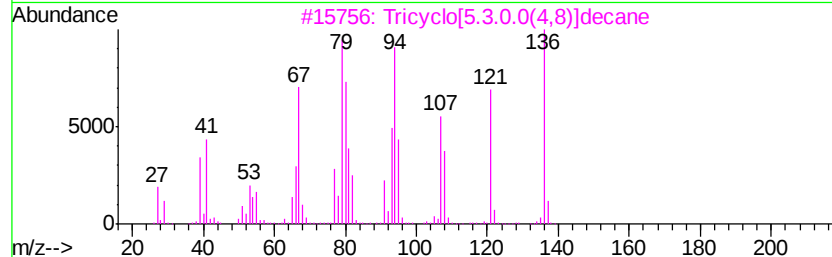
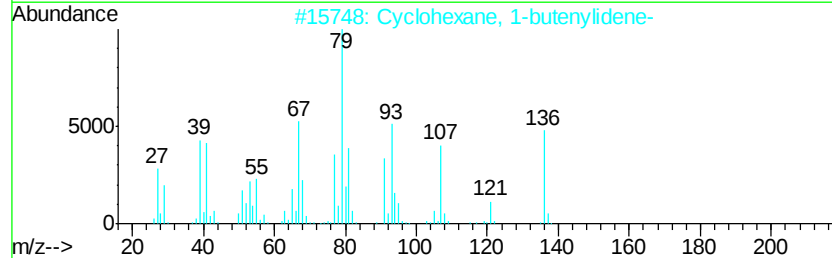
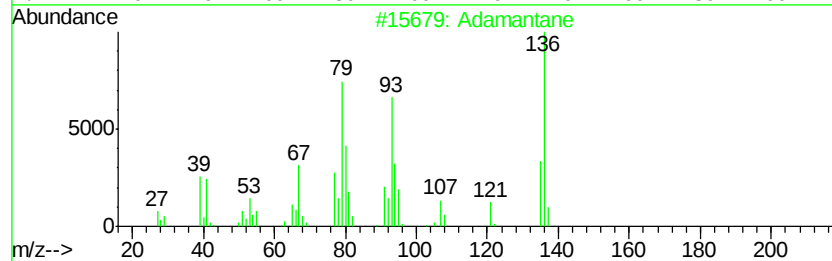
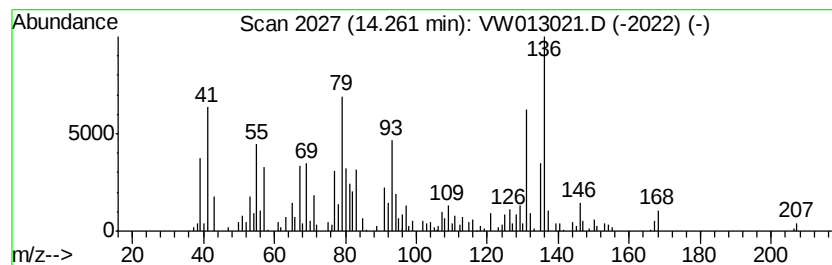
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Quant Title : SW846 8260

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

Peak Number 6 Adamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	20.92 ug/l	182646	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane		136	C10H16	000281-23-2	90
2	Cyclohexane, 1-butenylidene-		136	C10H16	036144-40-8	58
3	Tricyclo[5.3.0.0(4,8)]decane		136	C10H16	019485-20-2	46
4	2.alpha., 4a.beta., 8a.beta.-Dec...		154	C10H18O	001424-37-9	42
5	1,4-Benzenediamine, 2,3-dimethyl-		136	C8H12N2	005306-96-7	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013021.D
Acq On : 15 Sep 2019 04:52
Operator : SY/VA
Sample : K4787-11
Misc : 6.37G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5-D2(9.5-10)

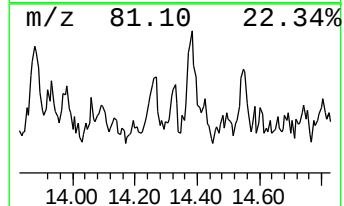
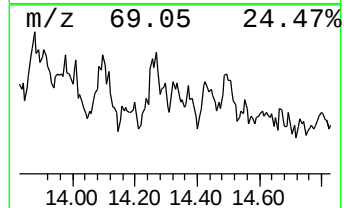
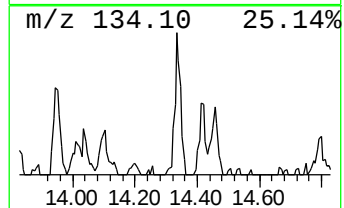
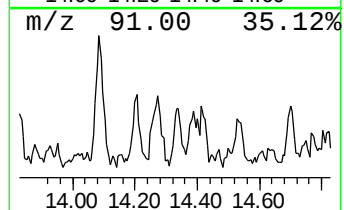
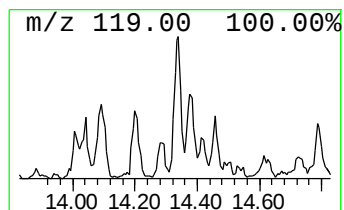
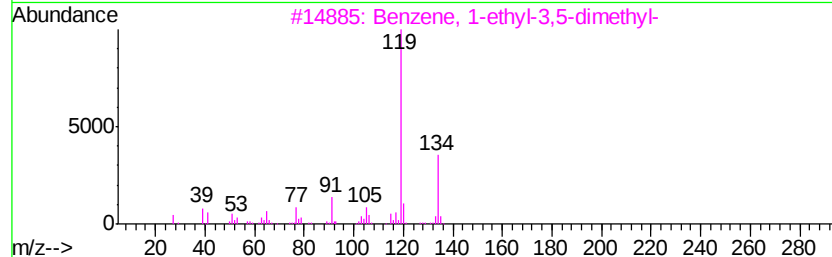
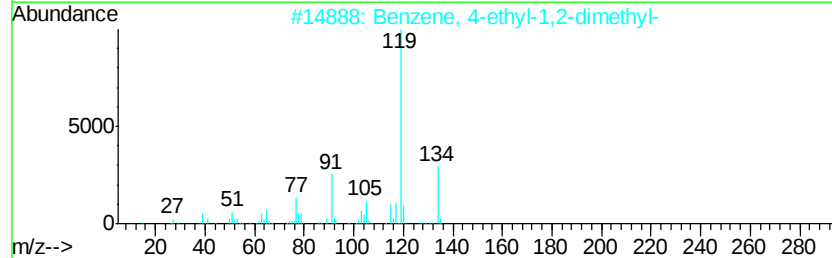
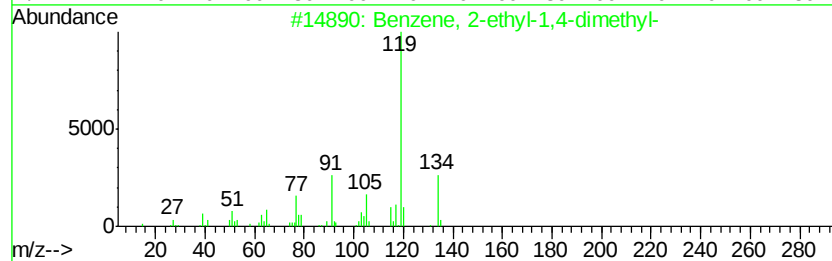
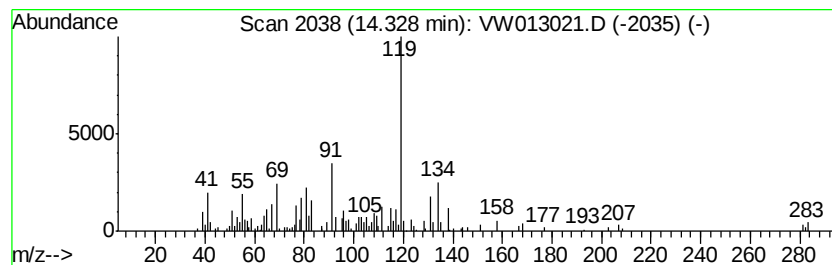
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	9.48 ug/l	82793	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013021.D
Acq On : 15 Sep 2019 04:52
Operator : SY/VA
Sample : K4787-11
Misc : 6.37G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
TP-5-D2(9.5-10)

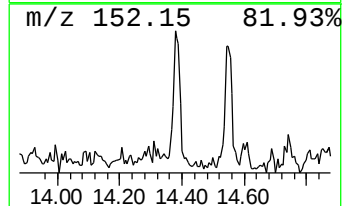
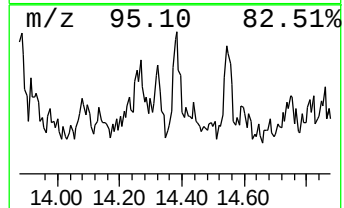
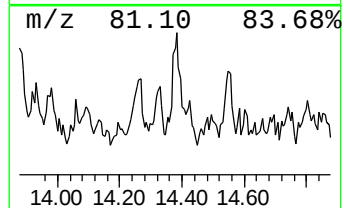
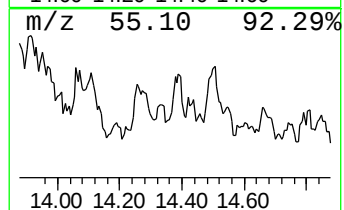
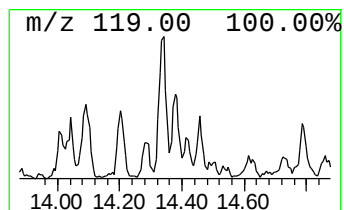
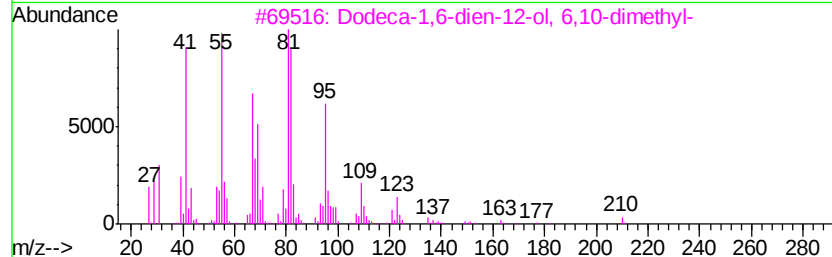
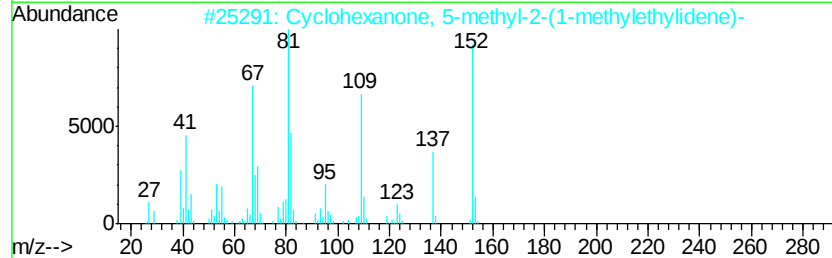
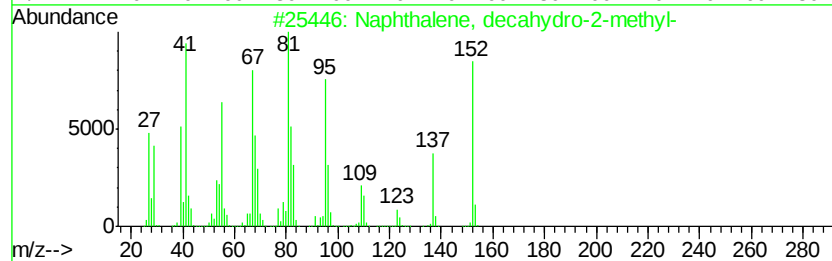
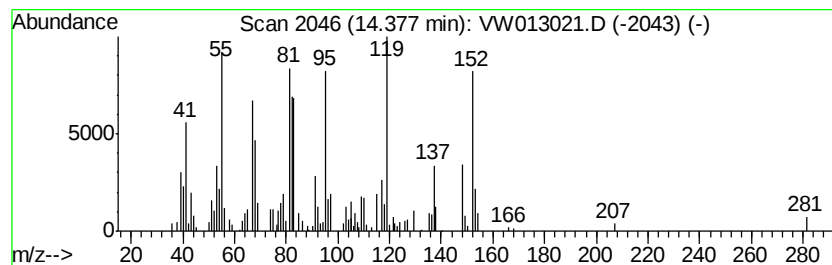
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	10.99 ug/l	95948	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38
3		Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	35
4		Cyclohexanemethanol	114	C7H14O	000100-49-2	35
5		Pulegone	152	C10H16O	000089-82-7	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013021.D
Acq On : 15 Sep 2019 04:52
Operator : SY/VA
Sample : K4787-11
Misc : 6.37G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

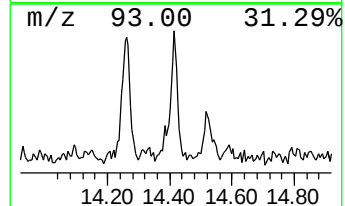
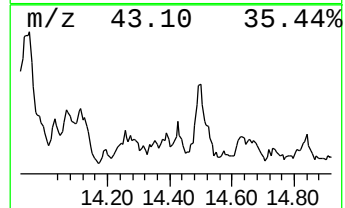
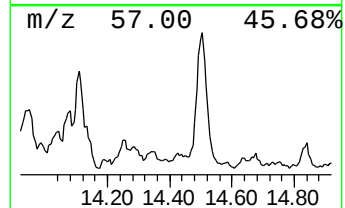
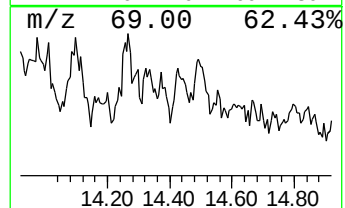
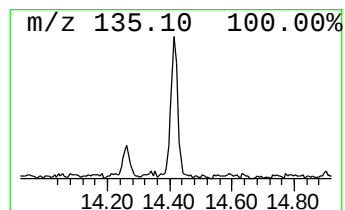
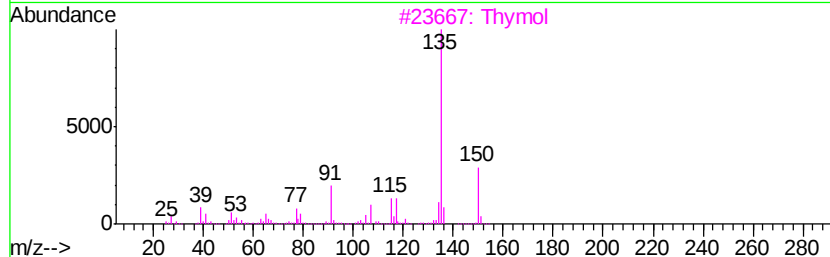
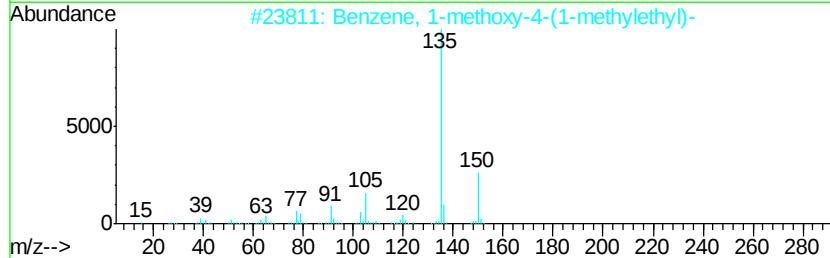
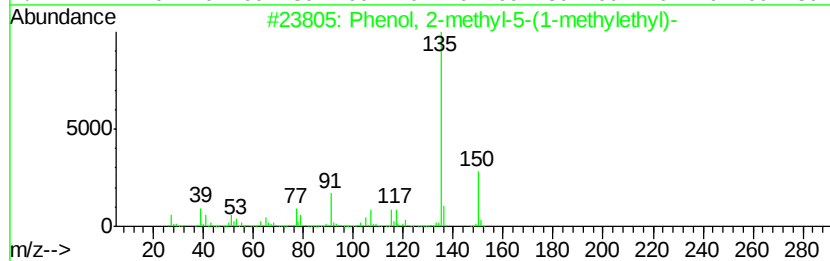
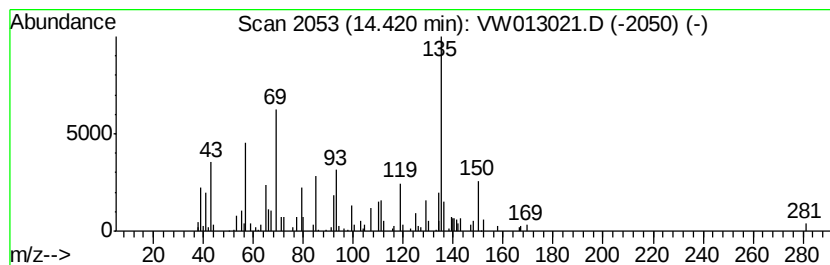
Instrument :
MSVOA_W
ClientSampleId :
TP-5-D2(9.5-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	9.14 ug/l	79766	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150 C10H14O	000499-75-2	46
2	Benzene, 1-methoxy-4-(1-methylethyl)-	150 C10H14O	004132-48-3	43
3	Thymol	150 C10H14O	000089-83-8	43
4	Bicyclo[4.3.0]nona-3,7-diene, 8-...	189 C13H19N	1000137-75-8	38
5	Pyridinium, 1-(acetylamino)-2-me...	150 C8H10N2O	007584-27-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013021.D
Acq On : 15 Sep 2019 04:52
Operator : SY/VA
Sample : K4787-11
Misc : 6.37G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

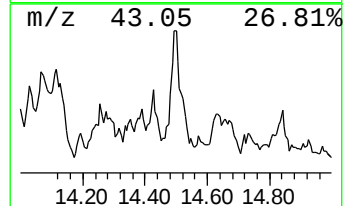
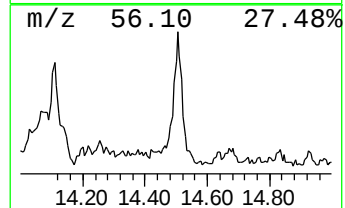
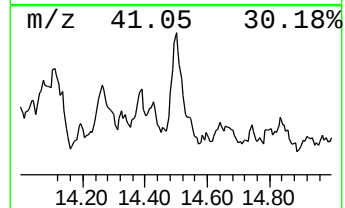
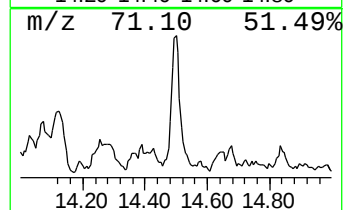
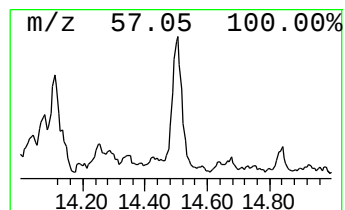
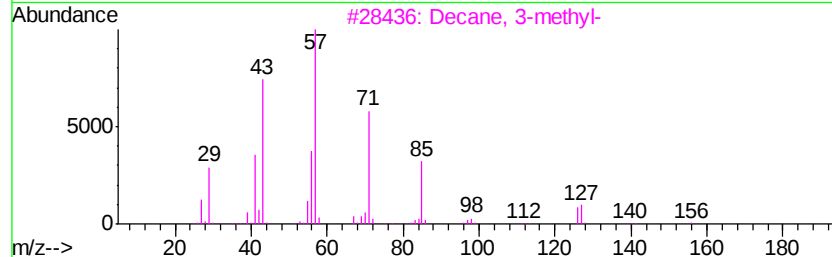
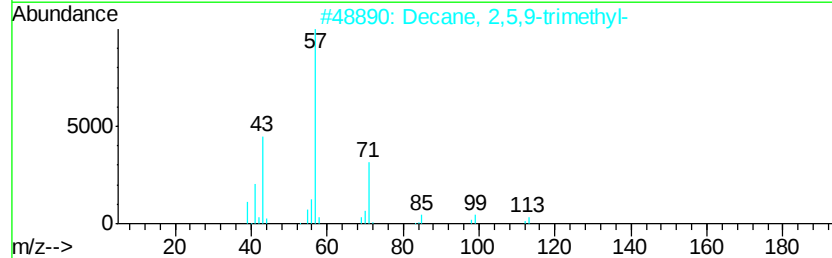
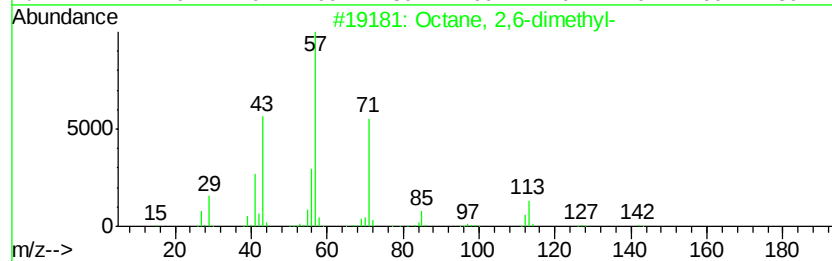
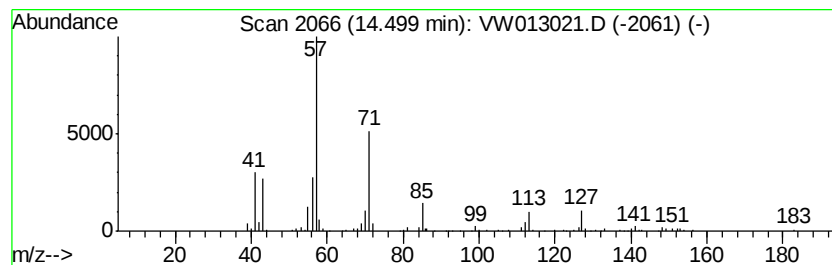
Instrument :
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ClientSampleId :
TP-5-D2(9.5-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	27.14 ug/l	236977	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	87
2	Decane, 2,5,9-trimethyl-	184 C13H28	062108-22-9	64
3	Decane, 3-methyl-	156 C11H24	013151-34-3	64
4	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	64
5	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091519\
Data File : VW013021.D
Acq On : 15 Sep 2019 04:52
Operator : SY/VA
Sample : K4787-11
Misc : 6.37G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5-D2(9.5-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.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
Nonane, 2,6-dimet...	13.77	37.7	ug/l	328895	4	13.56	436565	50.0
Decane, 3,3,6-tri...	13.83	6.7	ug/l	58813	4	13.56	436565	50.0
Naphthalene, deca...	13.88	7.9	ug/l	69159	4	13.56	436565	50.0
Butanamide, 2,2,3...	14.07	12.5	ug/l	108994	4	13.56	436565	50.0
unknown14.20	14.20	7.0	ug/l	60917	4	13.56	436565	50.0
Adamantane	14.26	20.9	ug/l	182646	4	13.56	436565	50.0
Benzene, 2-ethyl-...	14.33	9.5	ug/l	82793	4	13.56	436565	50.0
Naphthalene, deca...	14.38	11.0	ug/l	95948	4	13.56	436565	50.0
unknown14.42	14.42	9.1	ug/l	79766	4	13.56	436565	50.0
Octane, 2,6-dimet...	14.50	27.1	ug/l	236977	4	13.56	436565	50.0