

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010443.D
 Acq On : 18 May 2019 06:49
 Operator : SY/VA
 Sample : K2913-02
 Misc : 2.64G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-17-S2

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\82W051719S.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	7.885	970	981	986	rBV	578422	1402822	3.01%	0.353%
2	7.946	986	991	1001	rVB	961027	2067663	4.44%	0.520%
3	8.305	1035	1050	1060	rBV	542521	1182045	2.54%	0.297%
4	8.842	1128	1138	1150	rBV	1458016	2936689	6.31%	0.738%
5	10.323	1373	1381	1396	rBV	2541722	4713165	10.12%	1.185%
6	10.939	1472	1482	1488	rBV	274119	506457	1.09%	0.127%
7	11.036	1488	1498	1506	rBV2	176641	503188	1.08%	0.126%
8	11.232	1525	1530	1535	rVB	626720	1081833	2.32%	0.272%
9	11.433	1559	1563	1571	rVB	360827	702778	1.51%	0.177%
10	11.634	1588	1596	1605	rBV	1818908	3205375	6.88%	0.806%
11	11.823	1621	1627	1631	rBV2	266250	546783	1.17%	0.137%
12	11.872	1631	1635	1639	rVV	497963	991774	2.13%	0.249%
13	11.914	1640	1642	1647	rVB2	364083	517353	1.11%	0.130%
14	12.067	1659	1667	1671	rVB3	230657	495498	1.06%	0.125%
15	12.140	1671	1679	1684	rBV3	1075451	2530544	5.43%	0.636%
16	12.256	1690	1698	1702	rVB	1484457	2637329	5.66%	0.663%
17	12.341	1702	1712	1713	rBV4	1178292	2535657	5.45%	0.637%
18	12.451	1722	1730	1734	rBV6	590393	1346065	2.89%	0.338%
19	12.506	1736	1739	1747	rVB5	533236	1064132	2.29%	0.267%
20	12.622	1751	1758	1763	rVB3	1894976	3326524	7.14%	0.836%
21	12.707	1763	1772	1775	rBV6	1256525	3120740	6.70%	0.784%
22	12.780	1780	1784	1791	rVB3	2223415	4343751	9.33%	1.092%
23	12.859	1791	1797	1804	rBV5	1793986	5150263	11.06%	1.295%
24	12.939	1804	1810	1816	rBV7	1936105	5719371	12.28%	1.438%
25	13.079	1829	1833	1837	rBV2	1897853	2746646	5.90%	0.690%
26	13.128	1837	1841	1844	rBV3	1477105	2499548	5.37%	0.628%
27	13.170	1844	1848	1854	rVV3	1822363	3419312	7.34%	0.859%
28	13.298	1861	1869	1873	rBV3	3669357	7212876	15.49%	1.813%
29	13.347	1873	1877	1880	rVV	2483720	3412479	7.33%	0.858%
30	13.445	1886	1893	1897	rBV6	2717407	6957230	14.94%	1.749%
31	13.487	1897	1900	1905	rVB4	2160073	3042768	6.53%	0.765%
32	13.701	1930	1935	1939	rBV5	2503395	4353045	9.35%	1.094%
33	13.884	1959	1965	1969	rBV4	9000375	16717451	35.90%	4.202%
34	13.926	1970	1972	1977	rVB3	2396541	3450524	7.41%	0.867%

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TP-17-S2

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

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Title : SW846 8260

35	13.987	1978	1982	1985	rBV3	3959501	6280317	13.49%	1.579%
36	14.201	2013	2017	2021	rBV	5493497	8031648	17.25%	2.019%
37	14.268	2023	2028	2034	rVV3	8886327	14969663	32.15%	3.763%
38	14.322	2034	2037	2041	rBV3	3998520	5860025	12.58%	1.473%
39	14.390	2042	2048	2055	rBV3	21702586	42669588	91.64%	10.725%
40	14.554	2068	2075	2079	rBV5	15999504	32763168	70.36%	8.235%
41	14.670	2090	2094	2097	rBV	4848162	7509029	16.13%	1.887%
42	14.749	2103	2107	2112	rBV3	6360238	10733993	23.05%	2.698%
43	14.810	2112	2117	2120	rBV	12504803	23437546	50.33%	5.891%
44	14.859	2120	2125	2130	rVB4	18096433	37971207	81.55%	9.544%
45	15.133	2167	2170	2173	rBV3	5866976	7234468	15.54%	1.818%
46	15.341	2199	2204	2210	rVB	28017252	46564448	100.00%	11.704%
47	15.408	2210	2215	2220	rBV4	11149166	25010392	53.71%	6.286%
48	16.639	2413	2417	2431	rVB9	5919160	19276896	41.40%	4.845%
49	16.761	2433	2437	2441	rBV5	1638141	3099763	6.66%	0.779%

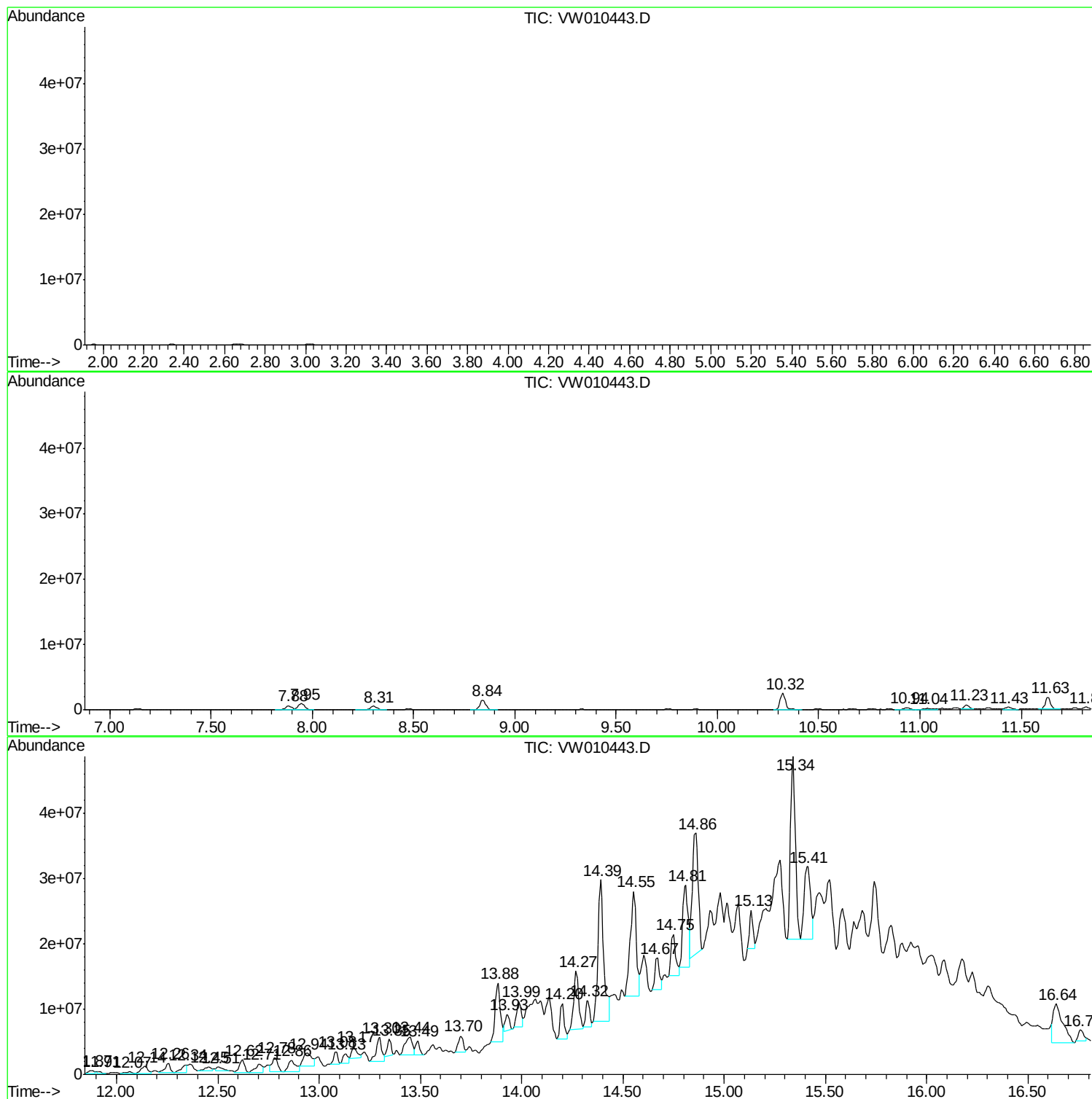
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260

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



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Misc : 2.64G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

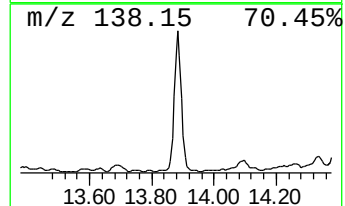
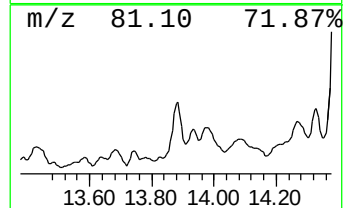
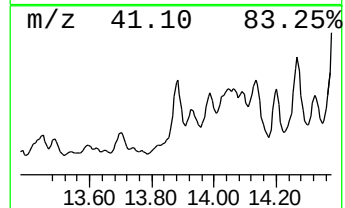
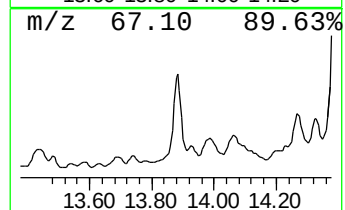
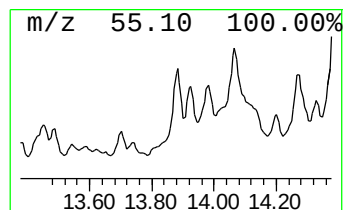
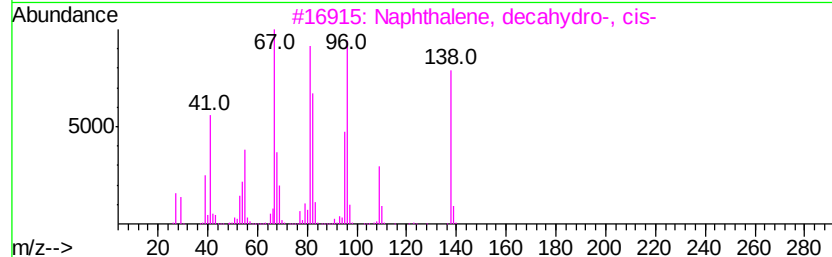
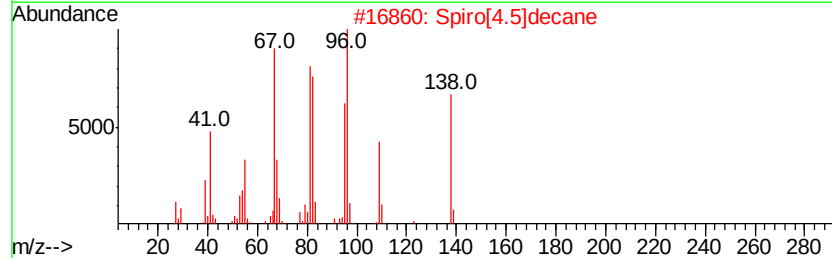
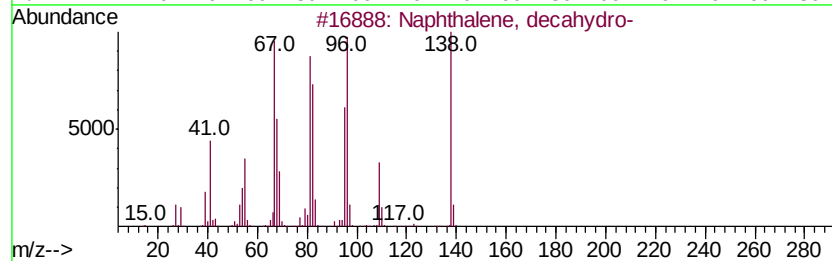
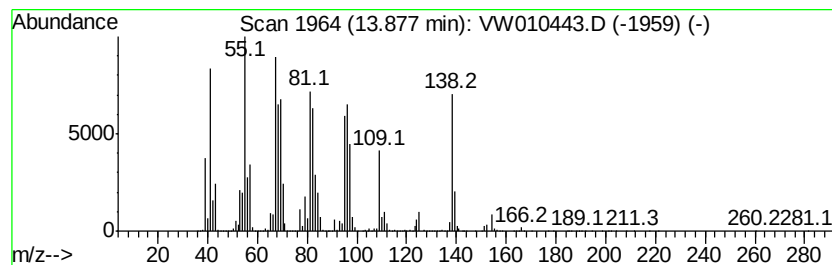
Instrument :
MSVOA_W
ClientSampleId :
TP-17-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.88	274.71 ug/l	16717500	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Spiro[4.5]decane	138	C10H18	000176-63-6	94
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
4		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
5		9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	83



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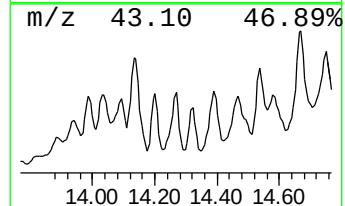
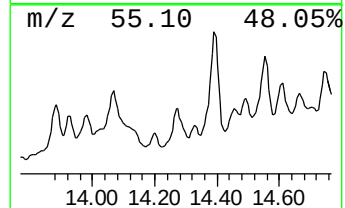
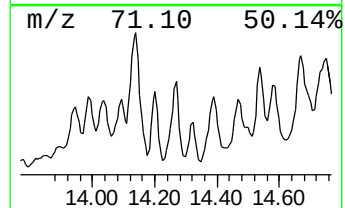
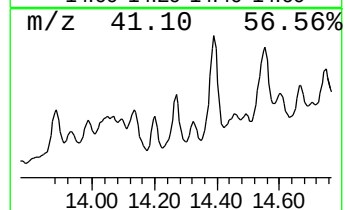
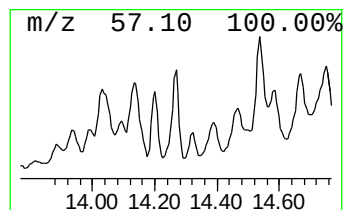
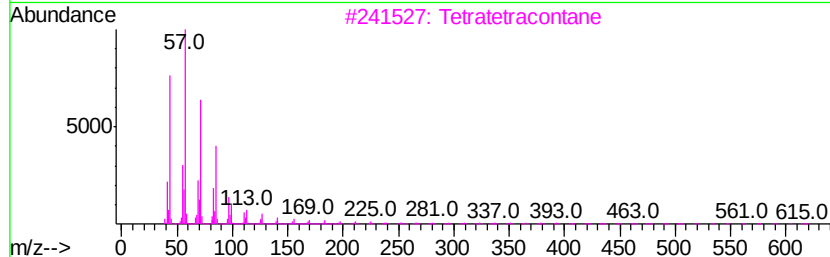
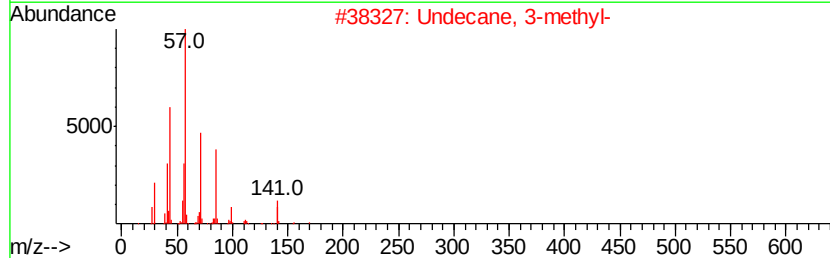
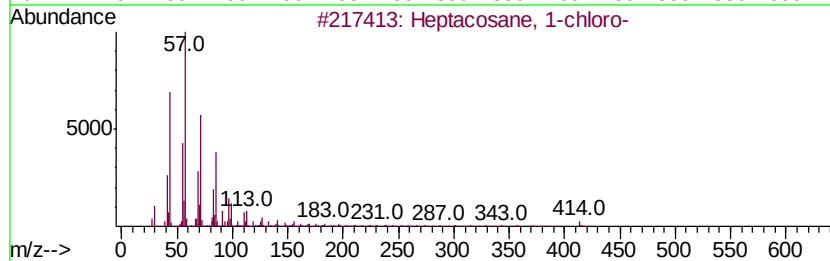
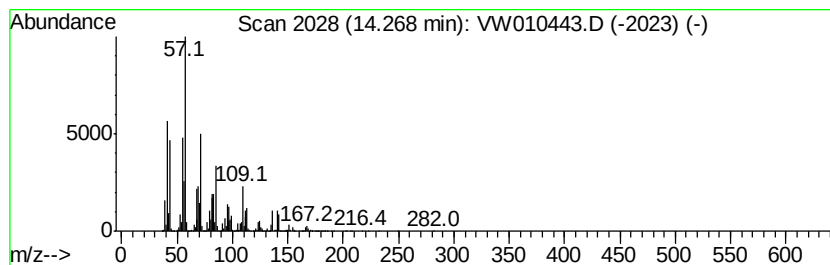
Instrument :
MSVOA_W
ClientSampleId :
TP-17-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptacosane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	245.99 ug/l	14969700	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	50
2	Undecane, 3-methyl-	170 C12H26	001002-43-3	46
3	Tetratetracontane	619 C44H90	007098-22-8	43
4	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	41
5	Octane, 3,5-dimethyl-	142 C10H22	015869-93-9	38



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Operator : SY/VA
Sample : K2913-02
Misc : 2.64G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

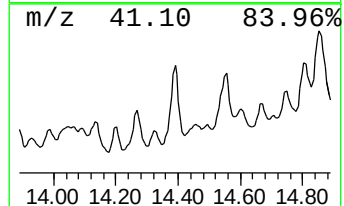
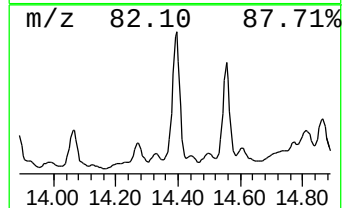
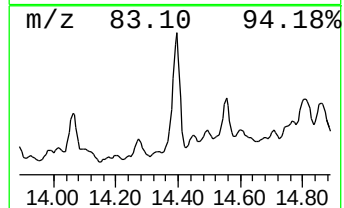
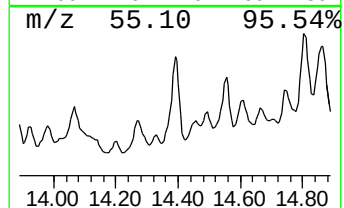
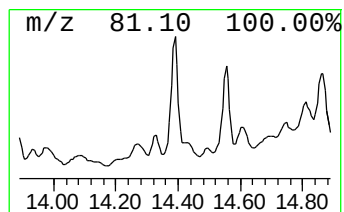
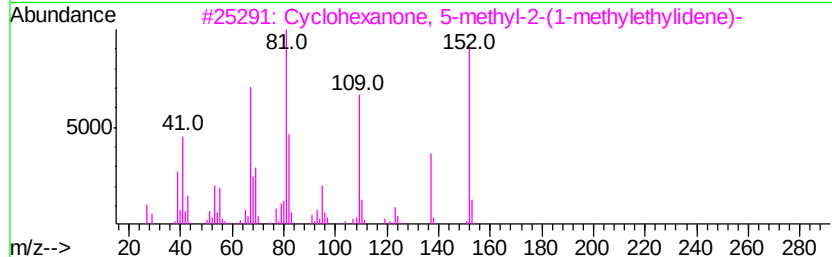
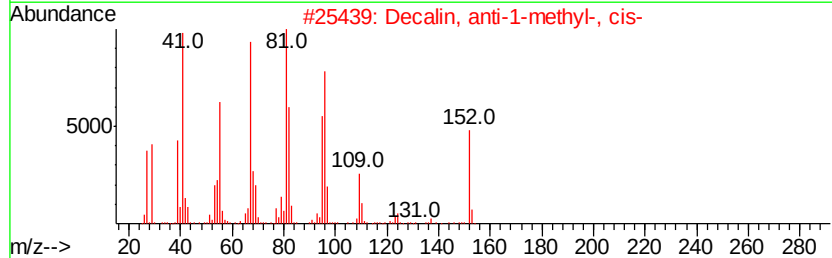
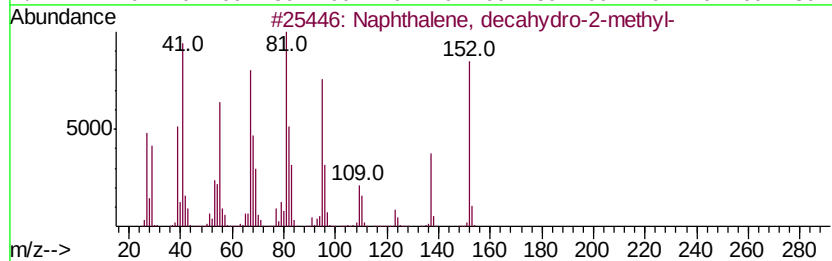
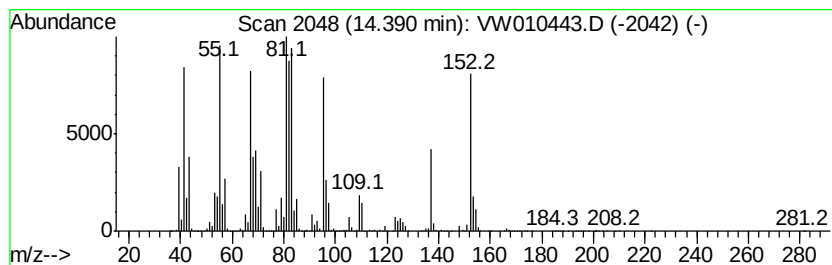
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Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	701.16 ug/l	42669600	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 97
2		Decalin, anti-1-methyl-, cis-	152 C11H20	1000158-89-0 62
3		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 60
4		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 58
5		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 53



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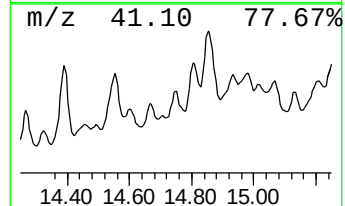
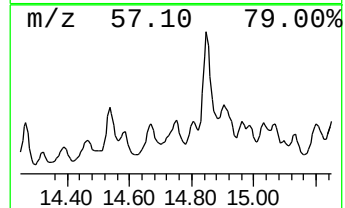
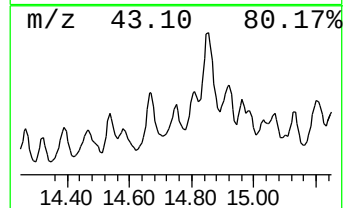
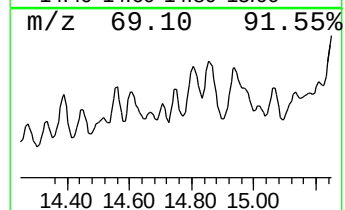
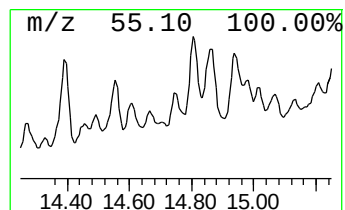
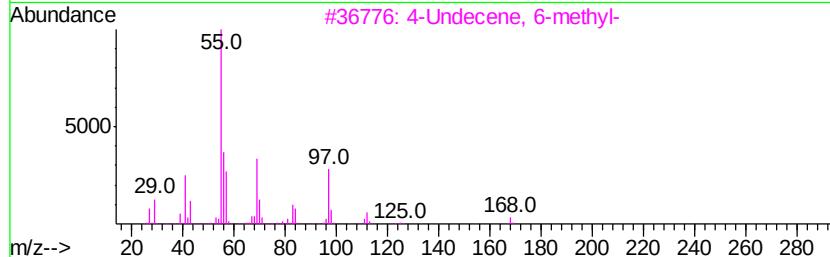
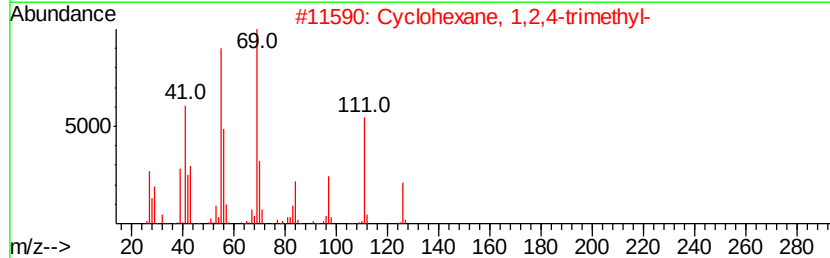
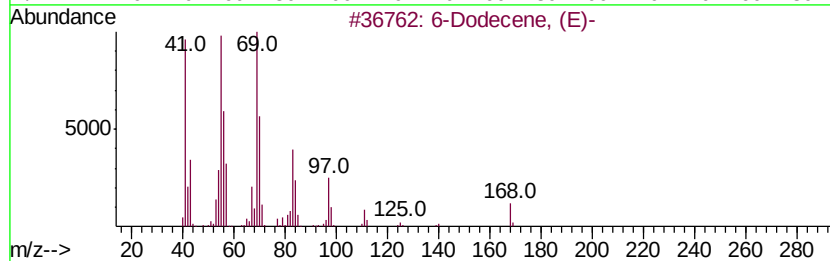
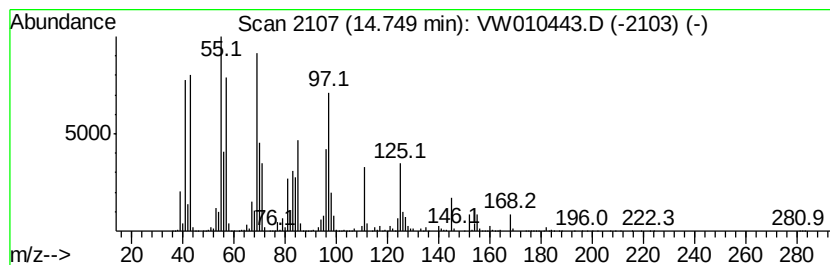
Instrument :
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ClientSampled :
TP-17-S2

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Quant Title : SW846 8260

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

Peak Number 5 6-Dodecene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	176.39 ug/l	10734000	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Dodecene, (E)-		168 C12H24	007206-17-9 50
2	Cyclohexane, 1,2,4-trimethyl-		126 C9H18	002234-75-5 46
3	4-Undecene, 6-methyl-		168 C12H24	1000061-85-4 46
4	Cyclopentane, (2-methylbutyl)-		140 C10H20	053366-38-4 41
5	1-Pentene, 3-methyl-		84 C6H12	000760-20-3 38



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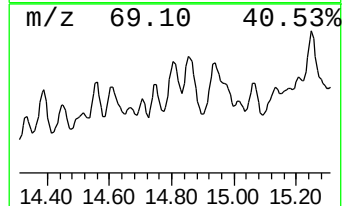
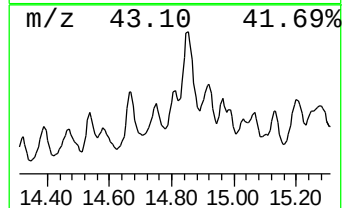
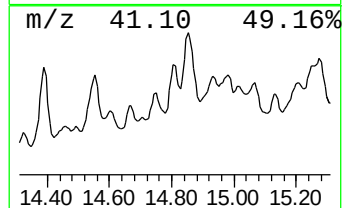
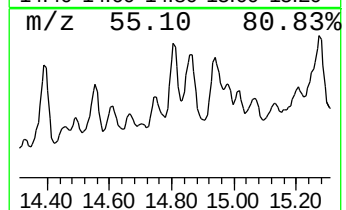
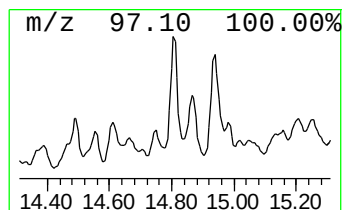
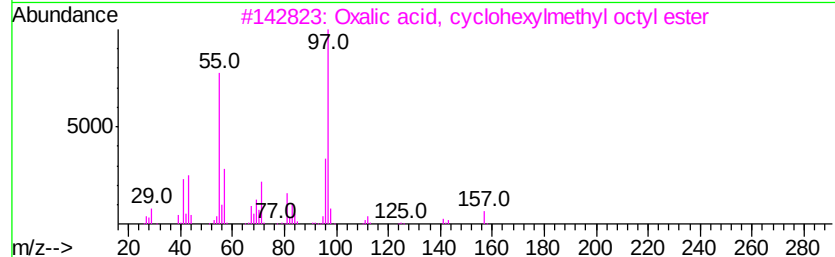
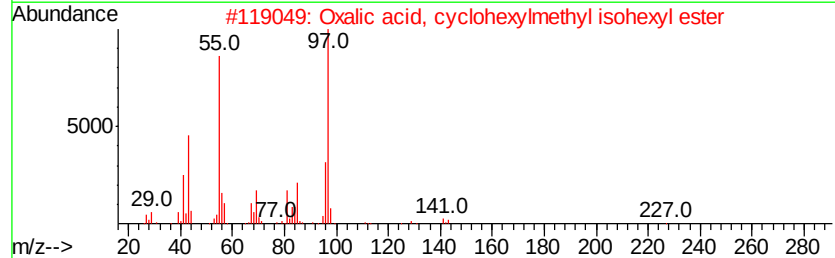
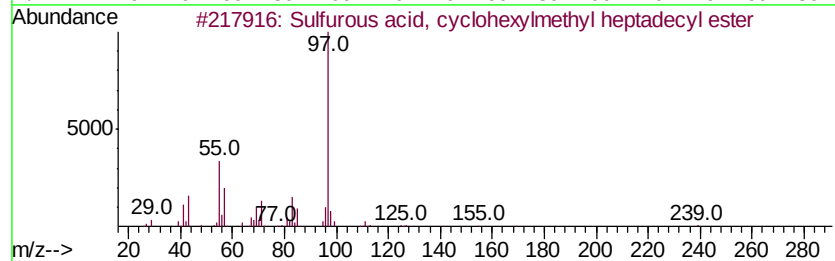
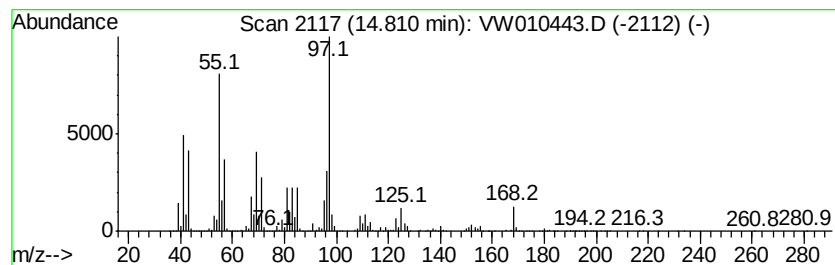
Instrument :
MSVOA_W
ClientSampleId :
TP-17-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260

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

Peak Number 6 Sulfurous acid, cyclohexylm... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.81	385.14 ug/l	23437500	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, cvclohexylmethvl...	416	C24H48O3S	1000309-22-5	53
2		Oxalic acid, cvclohexylmethvl is...	270	C15H26O4	1000309-68-3	53
3		Oxalic acid, cvclohexylmethvl oc...	298	C17H30O4	1000309-68-4	53
4		Sulfurous acid, cvclohexylmethvl...	304	C16H32O3S	1000309-21-8	53
5		Sulfurous acid, cyclohexylmethvl...	430	C25H50O3S	1000309-22-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051719\
Data File : VW010443.D
Acq On : 18 May 2019 06:49
Operator : SY/VA
Sample : K2913-02
Misc : 2.64G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

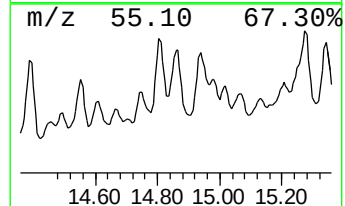
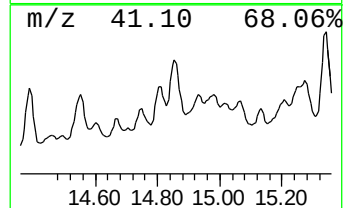
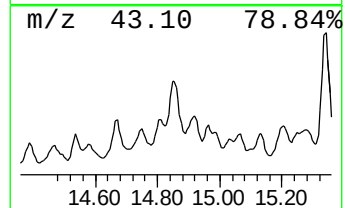
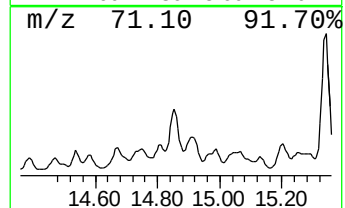
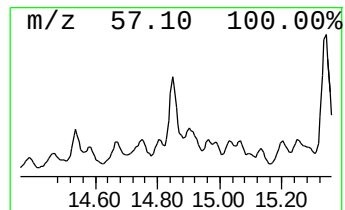
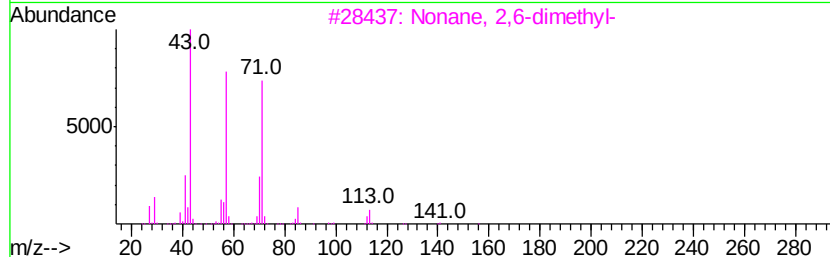
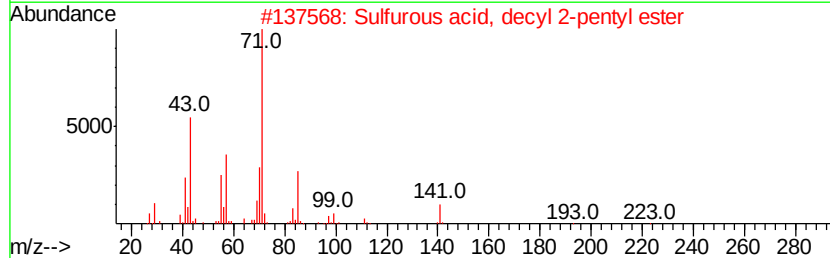
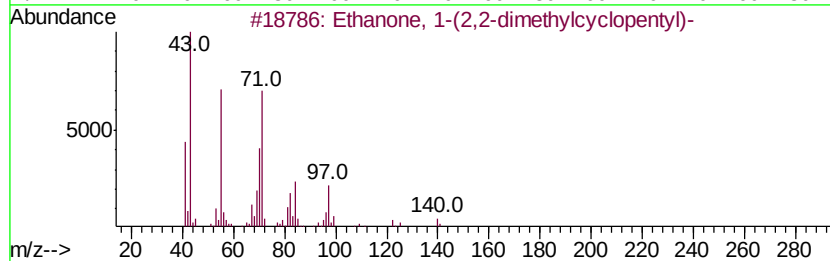
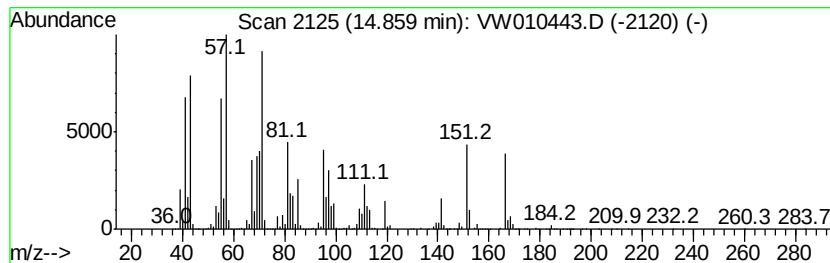
Instrument :
MSVOA_W
ClientSampleId :
TP-17-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown14.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	623.96 ug/l	37971200	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Ethanone, 1-(2,2-dimethylcyclopentyl)-	140 C9H16O	003664-75-3	38
2	Sulfurous acid, decyl 2-pentyl ester	292 C15H32O3S	1000309-15-9	35
3	Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2	30
4	Decane, 1-fluoro-	160 C10H21F	000334-56-5	30
5	Oxalic acid, 2-ethylhexyl hexyl ...	286 C16H30O4	1000309-38-9	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051719\
Data File : VW010443.D
Acq On : 18 May 2019 06:49
Operator : SY/VA
Sample : K2913-02
Misc : 2.64G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-17-S2

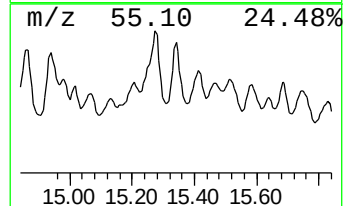
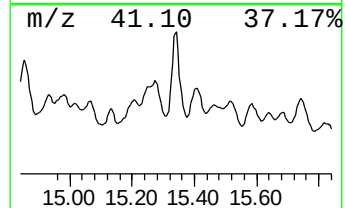
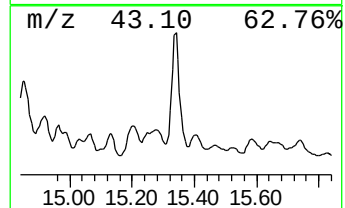
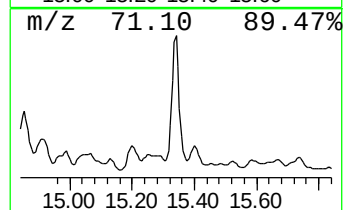
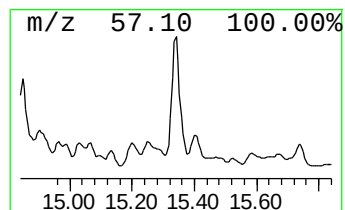
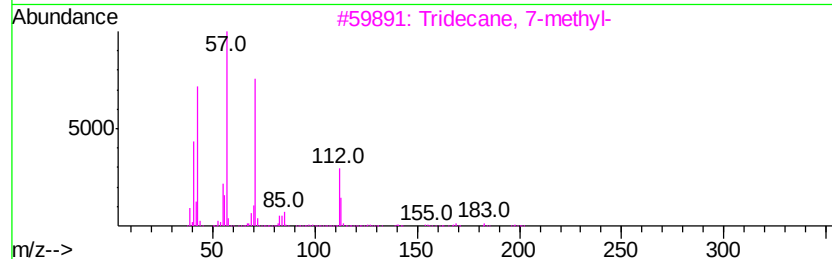
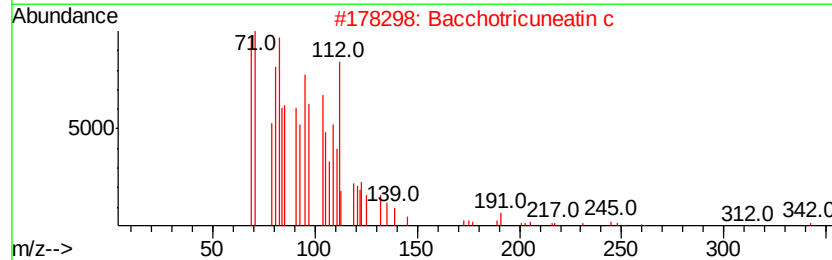
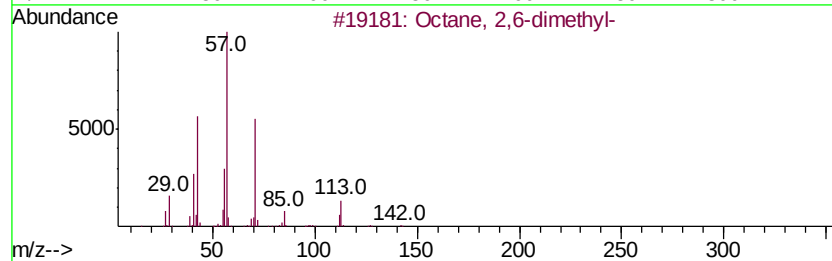
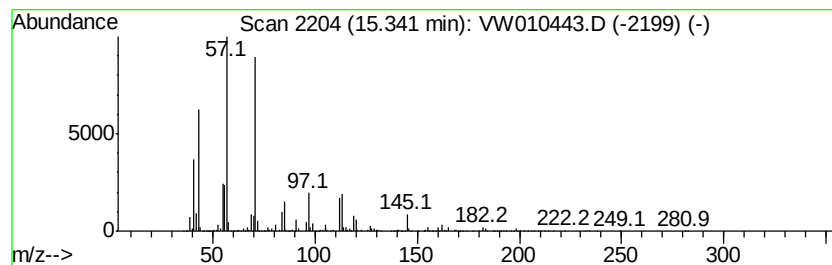
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Quant Title : SW846 8260

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	765.17 ug/l	46564400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	62
4		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051719\
Data File : VW010443.D
Acq On : 18 May 2019 06:49
Operator : SY/VA
Sample : K2913-02
Misc : 2.64G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

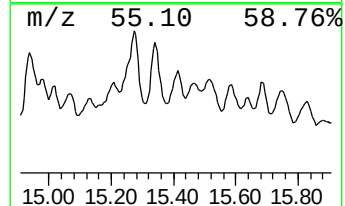
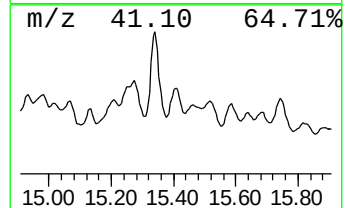
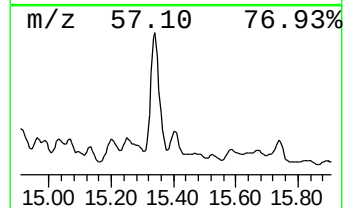
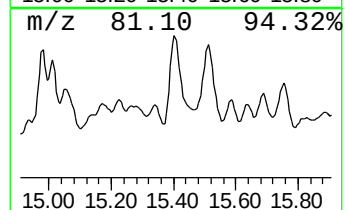
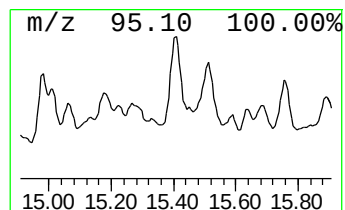
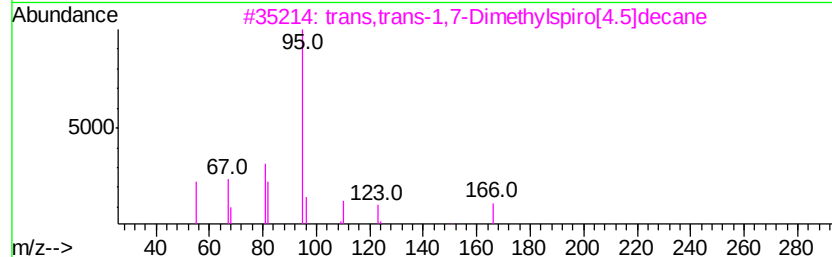
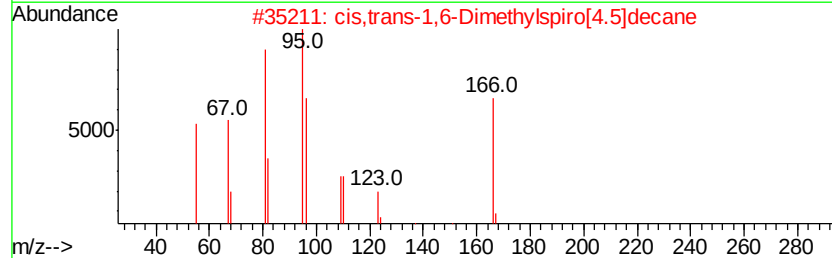
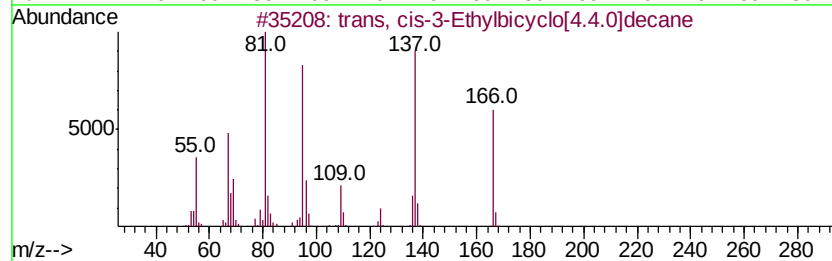
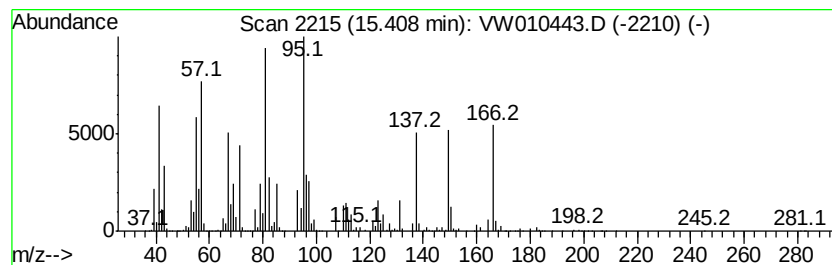
Instrument :
MSVOA_W
ClientSampled :
TP-17-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.41 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.41	410.98 ug/l	25010400	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	49
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	43
3	trans,trans-1,7-Dimethylspiro[4....	166	C12H22	1000111-72-6	38
4	5-Dodecyne	166	C12H22	019780-12-2	35
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051719\
Data File : VW010443.D
Acq On : 18 May 2019 06:49
Operator : SY/VA
Sample : K2913-02
Misc : 2.64G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-17-S2

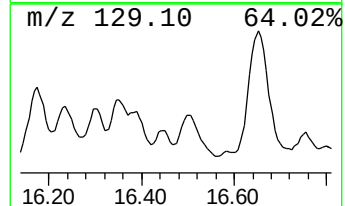
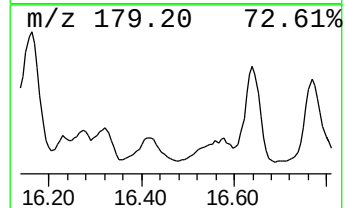
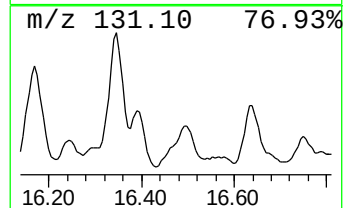
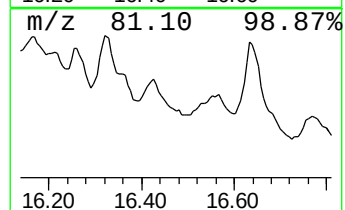
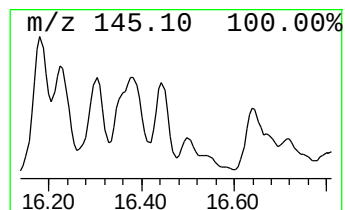
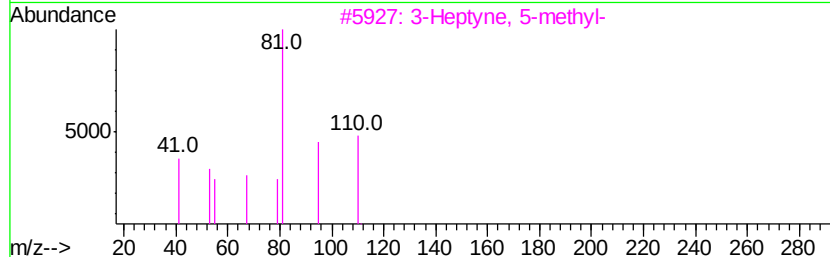
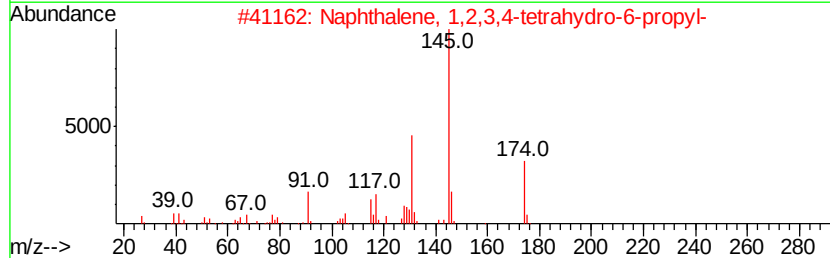
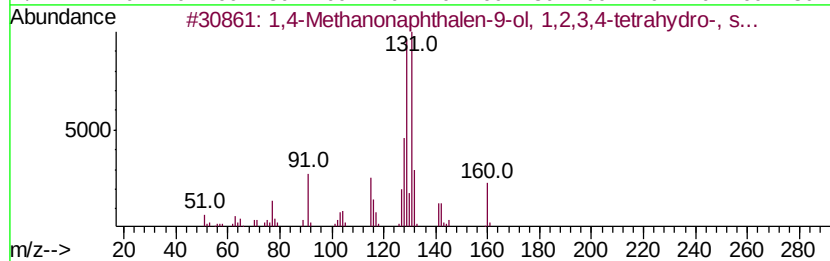
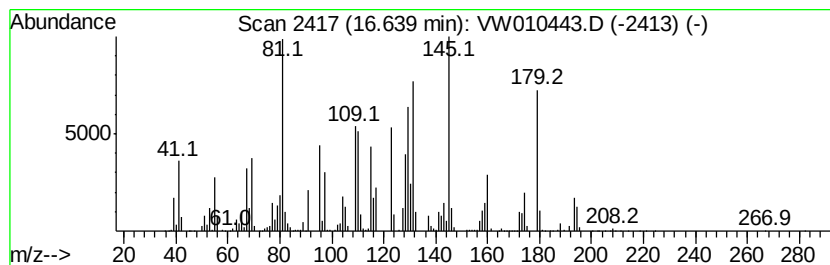
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.64 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	316.77 ug/l	19276900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	35
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	22
3		3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	18
4		Imidazole-2-hydrazide-1-carboxyl...	154	C5H6N4O2	1000126-42-2	18
5		Bicyclo[2.2.1]hept-2-en-7-ol	110	C7H10O	053783-87-2	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
Data File : VW010443.D
Acq On : 18 May 2019 06:49
Operator : SY/VA
Sample : K2913-02
Misc : 2.64G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-17-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.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
Naphthalene, deca...	13.88	274.7	ug/l	16717500	4	13.56	3042770	50.0
Heptacosane, 1-ch...	14.27	246.0	ug/l	14969700	4	13.56	3042770	50.0
Naphthalene, deca...	14.39	701.2	ug/l	42669600	4	13.56	3042770	50.0
6-Dodecene, (E)-	14.75	176.4	ug/l	10734000	4	13.56	3042770	50.0
Sulfurous acid, c...	14.81	385.1	ug/l	23437500	4	13.56	3042770	50.0
unknown14.86	14.86	624.0	ug/l	37971200	4	13.56	3042770	50.0
Octane, 2,6-dimet...	15.34	765.2	ug/l	46564400	4	13.56	3042770	50.0
unknown15.41	15.41	411.0	ug/l	25010400	4	13.56	3042770	50.0
unknown16.64	16.64	316.8	ug/l	19276900	4	13.56	3042770	50.0