

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003470.D
 Acq On : 23 Jun 2018 19:28
 Operator : SY/AP
 Sample : J3664-13
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-21-23-180619

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\82W061318S.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	1.807	28	36	56	rVB	4958833	10171525	4.10%	0.299%
2	9.342	1257	1272	1291	rBV	1454720	4100881	1.65%	0.121%
3	10.330	1427	1434	1438	rBV	1850548	3881289	1.56%	0.114%
4	10.945	1526	1535	1542	rBV	2396605	4738585	1.91%	0.139%
5	11.049	1544	1552	1559	rBV	1153335	2851609	1.15%	0.084%
6	11.183	1568	1574	1579	rBV	3234006	5536720	2.23%	0.163%
7	11.244	1579	1584	1589	rVB	4760702	8791104	3.54%	0.258%
8	11.348	1596	1601	1606	rBV2	3734751	6934774	2.79%	0.204%
9	11.445	1613	1617	1624	rVB	3993654	7579061	3.05%	0.223%
10	11.525	1624	1630	1635	rBV	4301724	8056715	3.24%	0.237%
11	11.665	1643	1653	1659	rBV	6960902	13533638	5.45%	0.398%
12	11.775	1667	1671	1674	rBV	2724480	4891768	1.97%	0.144%
13	11.823	1674	1679	1684	rVB5	3345873	6786010	2.73%	0.200%
14	11.890	1684	1690	1693	rBV	12137022	24059952	9.69%	0.707%
15	11.994	1702	1707	1710	rBV2	2527463	5676016	2.29%	0.167%
16	12.079	1712	1721	1726	rVV4	5007208	12911355	5.20%	0.380%
17	12.152	1726	1733	1739	rBV5	22764560	57067223	22.98%	1.678%
18	12.207	1739	1742	1745	rVV	3757392	5635306	2.27%	0.166%
19	12.274	1747	1753	1758	rVV	40524457	72134135	29.05%	2.121%
20	12.354	1760	1766	1768	rVV3	30320169	56074599	22.58%	1.649%
21	12.390	1768	1772	1779	rVB5	43863009	99064359	39.90%	2.913%
22	12.524	1789	1794	1800	rVB3	31467175	65670104	26.45%	1.931%
23	12.640	1807	1813	1818	rVB3	16064147	29885959	12.04%	0.879%
24	12.726	1818	1827	1831	rBV7	25509913	76919428	30.98%	2.261%
25	12.799	1835	1839	1846	rVB2	62827346	127148103	51.21%	3.738%
26	12.884	1846	1853	1858	rBV5	45152890	122027082	49.14%	3.588%
27	12.963	1858	1866	1871	rBV7	76186668	227241653	91.52%	6.681%
28	13.018	1871	1875	1880	rVB4	57953844	106551403	42.91%	3.133%
29	13.104	1880	1889	1893	rBV4	59928572	133476356	53.75%	3.924%
30	13.158	1894	1898	1900	rBV3	16013996	28671362	11.55%	0.843%
31	13.195	1901	1904	1911	rVB6	35894516	70763688	28.50%	2.080%
32	13.256	1911	1914	1918	rBV2	15430596	25566805	10.30%	0.752%
33	13.329	1921	1926	1930	rBV4	57326488	114375023	46.06%	3.363%
34	13.384	1931	1935	1942	rVB7	46119452	116384150	46.87%	3.422%

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Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Integration Parameters: RTEINT.P

Integrator: RTE
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Sampling : 1
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35	13.469	1942	1949	1955	rBV7	72277564	216660345	87.25%	6.370%
36	13.616	1971	1973	1977	rVB2	22913860	28385978	11.43%	0.835%
37	13.677	1977	1983	1985	rBV4	10414628	24733936	9.96%	0.727%
38	13.738	1986	1993	2002	rVB5	54083872	159257278	64.14%	4.682%
39	13.847	2005	2011	2014	rBV2	16817236	35174728	14.17%	1.034%
40	13.902	2015	2020	2025	rBV4	98688912	248308882	100.00%	7.300%
41	14.006	2032	2037	2045	rBV5	50194510	103843967	41.82%	3.053%
42	14.122	2046	2056	2063	rVB8	80648352	243558156	98.09%	7.161%
43	14.225	2068	2073	2078	rVB4	53621412	100400349	40.43%	2.952%
44	14.286	2078	2083	2088	rVB4	31372058	54377808	21.90%	1.599%
45	14.359	2089	2095	2099	rBV3	13612980	33515603	13.50%	0.985%
46	14.414	2099	2104	2107	rBV2	91174658	167615022	67.50%	4.928%
47	14.518	2116	2121	2124	rBV2	17005012	29141369	11.74%	0.857%
48	14.573	2124	2130	2135	rVV5	63470632	130557025	52.58%	3.838%
49	14.622	2135	2138	2142	rVV3	15266859	23129040	9.31%	0.680%
50	14.658	2142	2144	2149	rVB2	89000009	12228959	4.92%	0.360%
51	14.713	2149	2153	2156	rBV3	6773375	11384615	4.58%	0.335%
52	14.817	2164	2170	2176	rBV4	24746570	53900294	21.71%	1.585%
53	14.872	2176	2179	2185	rVB2	11908961	18524481	7.46%	0.545%
54	14.993	2195	2199	2200	rBV	2124721	2820159	1.14%	0.083%
55	15.024	2200	2204	2208	rBV3	5679587	10377842	4.18%	0.305%
56	15.182	2226	2230	2237	rVB4	5872074	13353099	5.38%	0.393%
57	15.280	2241	2246	2251	rVB3	3473922	6320481	2.55%	0.186%
58	15.335	2251	2255	2262	rVB3	2413996	4263710	1.72%	0.125%
59	15.420	2263	2269	2275	rBV5	1905252	4336610	1.75%	0.127%

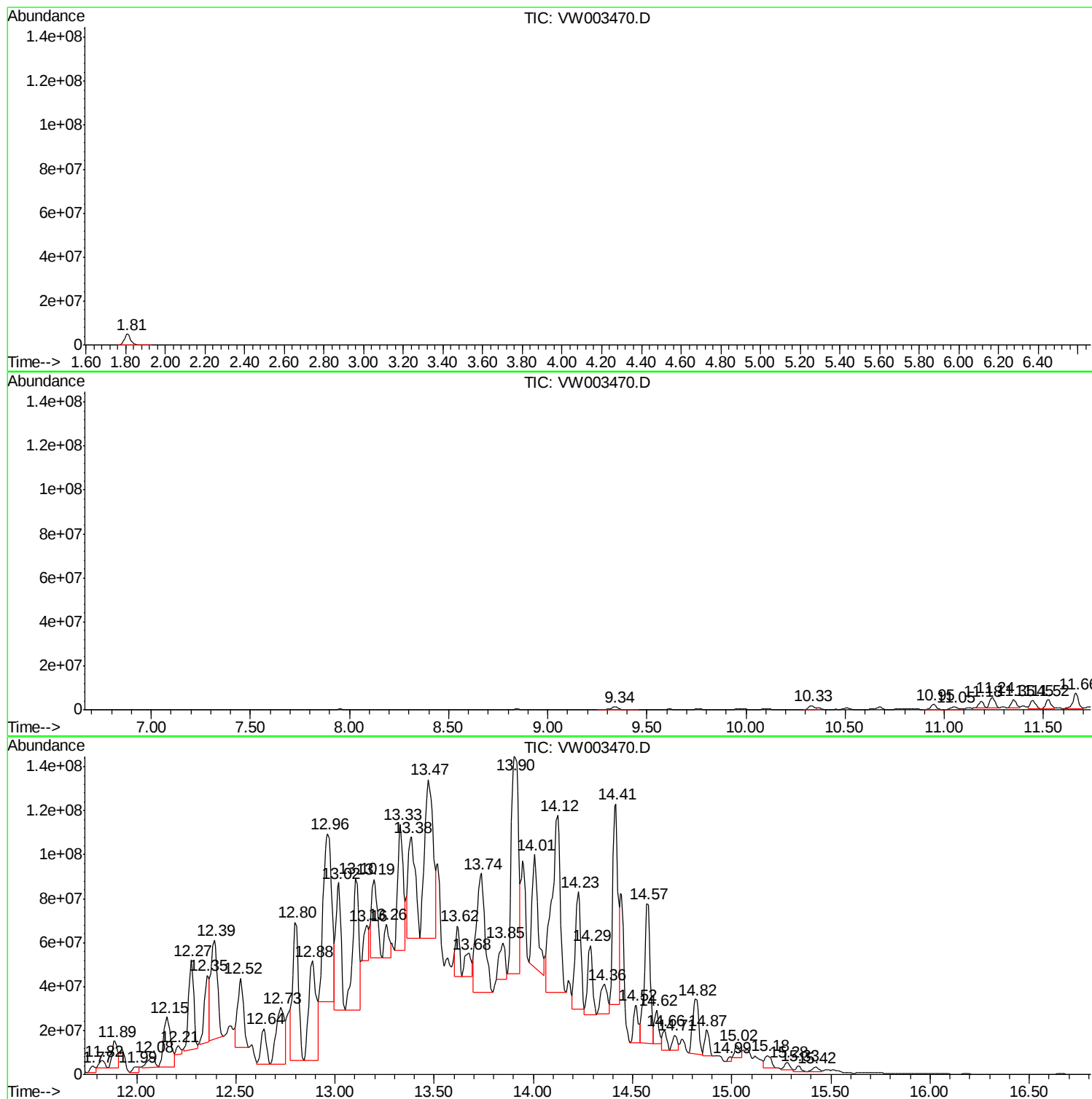
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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



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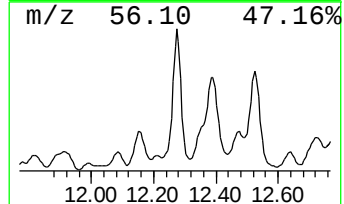
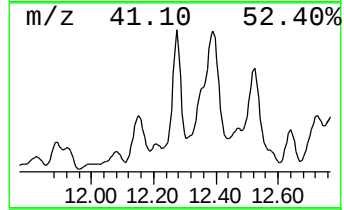
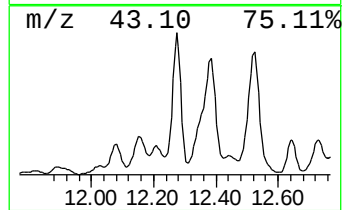
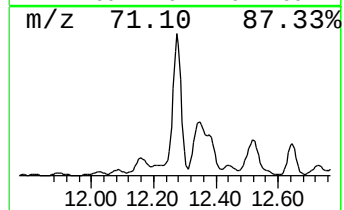
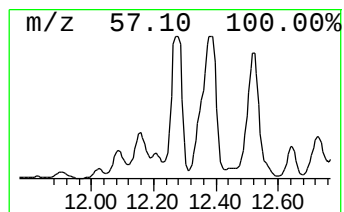
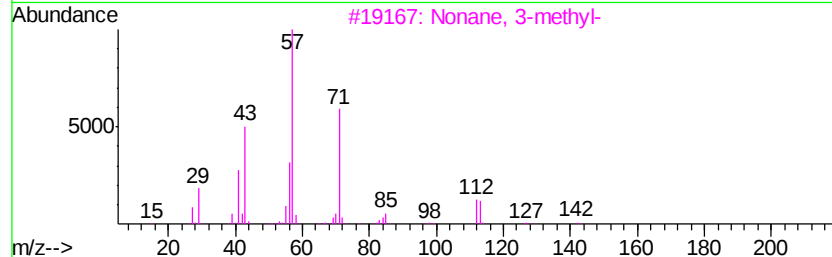
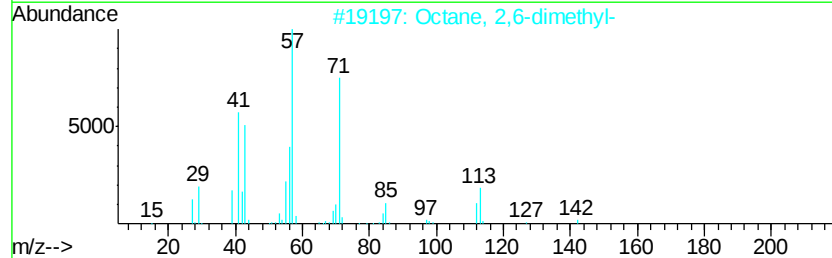
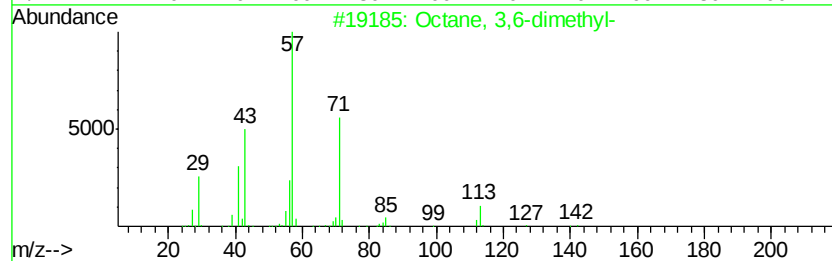
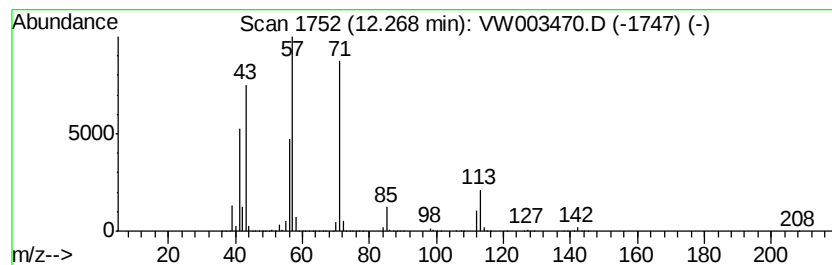
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	266.50 ug/l	72134100	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	53



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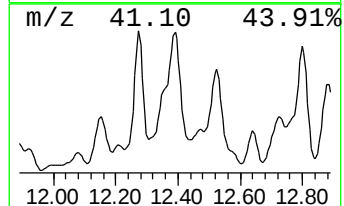
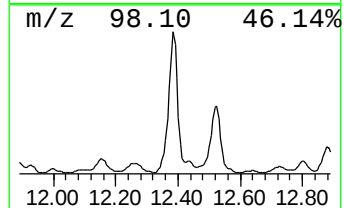
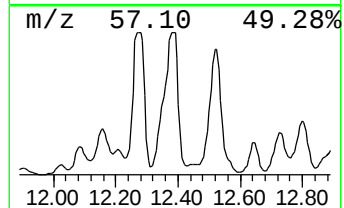
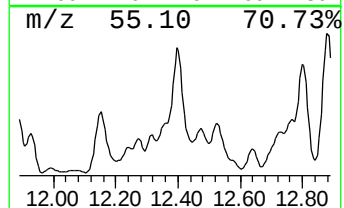
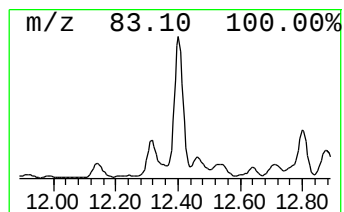
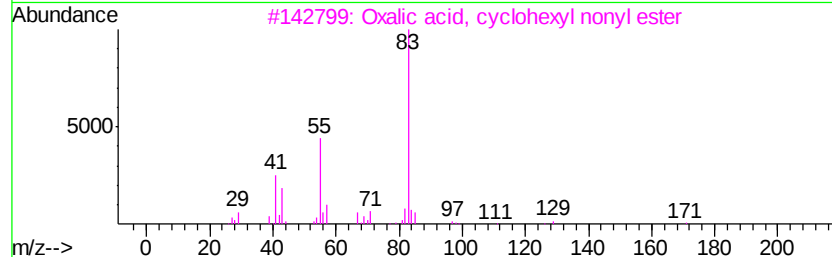
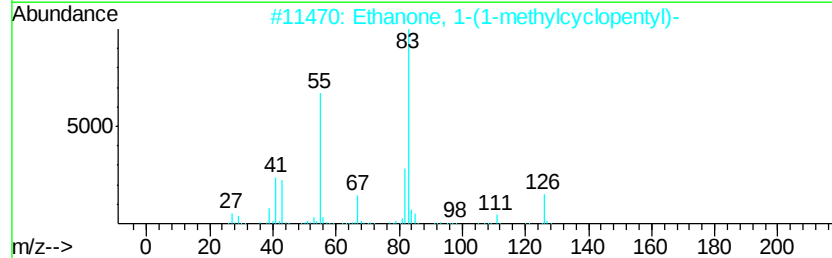
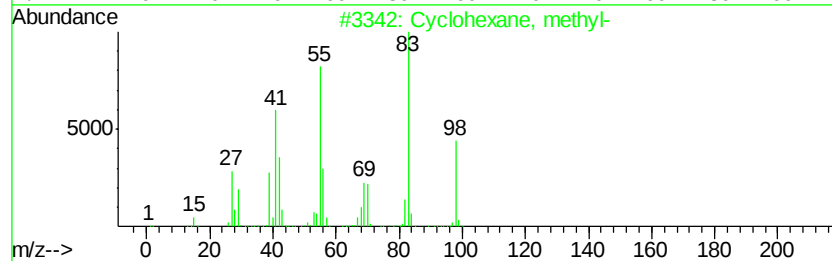
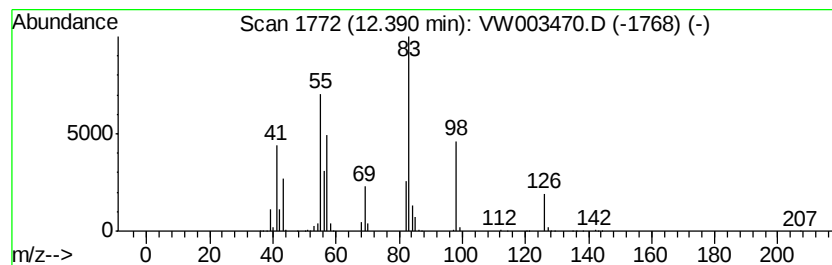
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	365.99 ug/l	99064400	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, methyl-	98	C7H14	000108-87-2	59
2		Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	52
3		Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	47
4		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	47
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	47



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Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

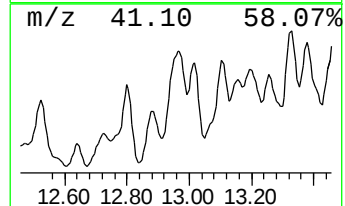
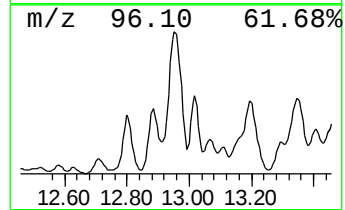
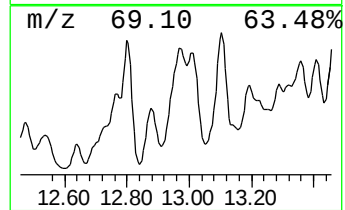
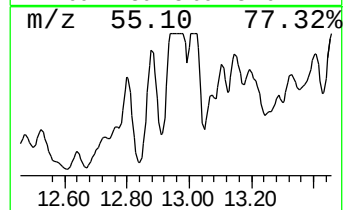
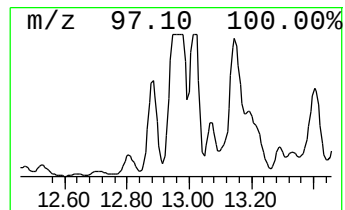
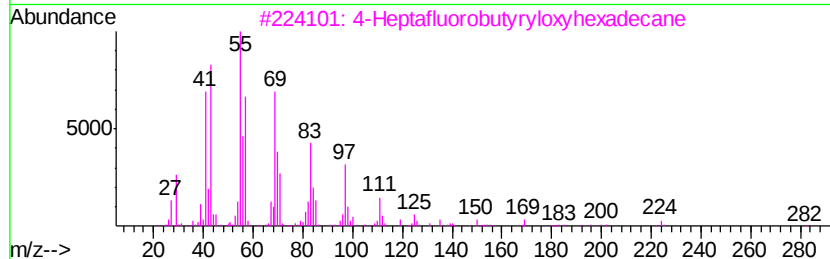
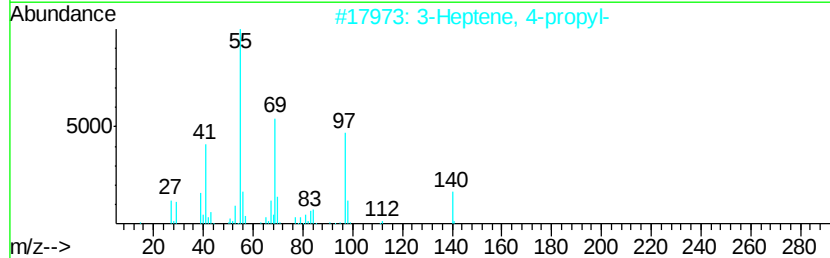
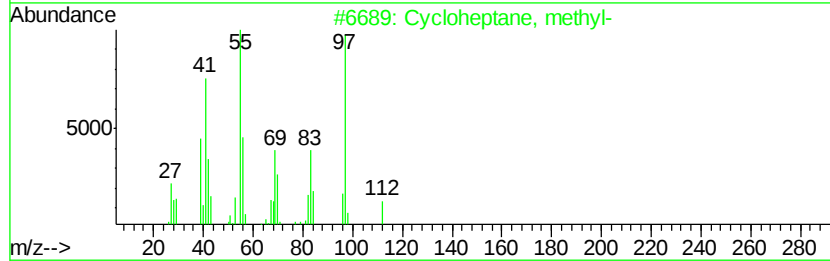
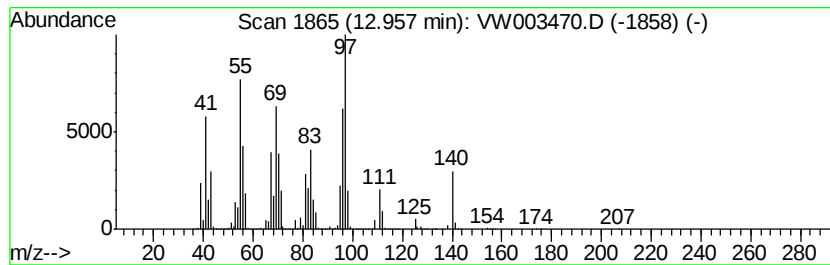
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Quant Title : SW846 8260

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

Peak Number 3 Cycloheptane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	400.27 ug/l	227242000	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloheptane, methyl-	112 C8H16	004126-78-7 58
2		3-Heptene, 4-propyl-	140 C10H20	004485-13-6 49
3		4-Heptafluorobutylrvloxyhexadecane	438 C20H33F7O2	1000282-97-2 43
4		4-Propylcyclohexanone	140 C9H16O	040649-36-3 41
5		trans-3-Decene	140 C10H20	019150-21-1 38



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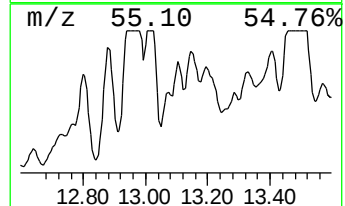
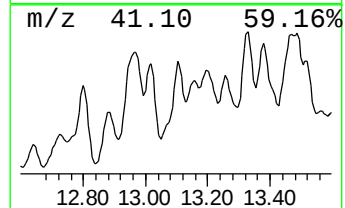
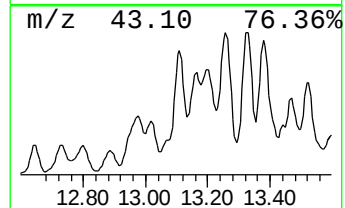
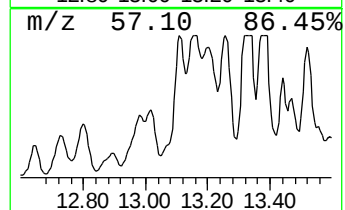
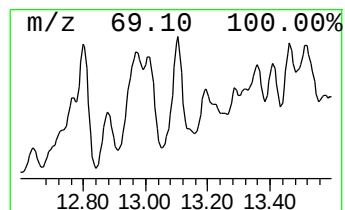
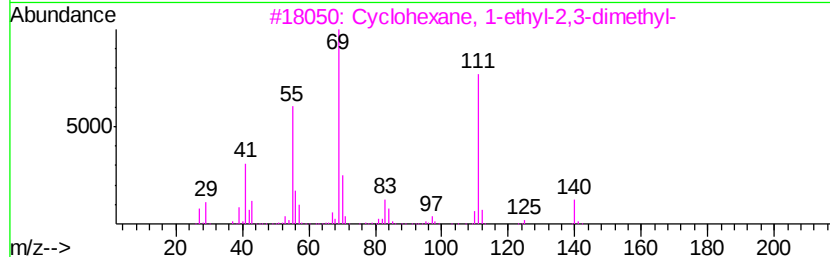
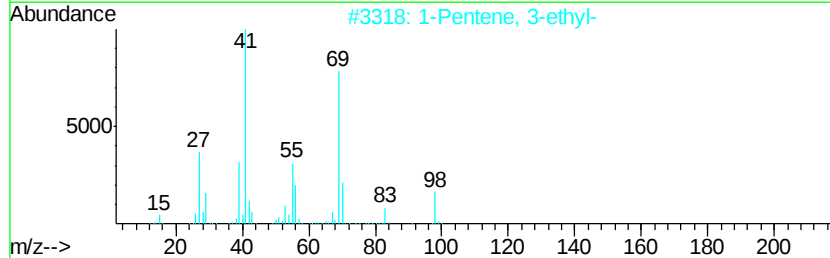
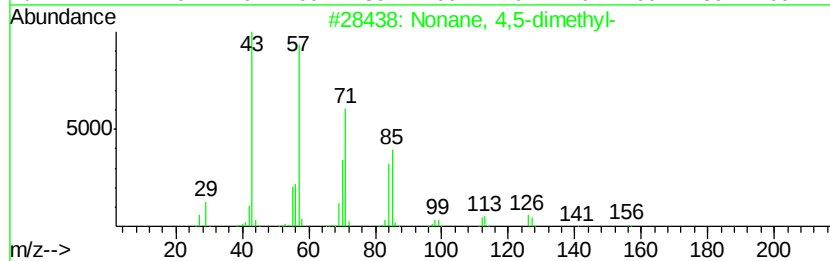
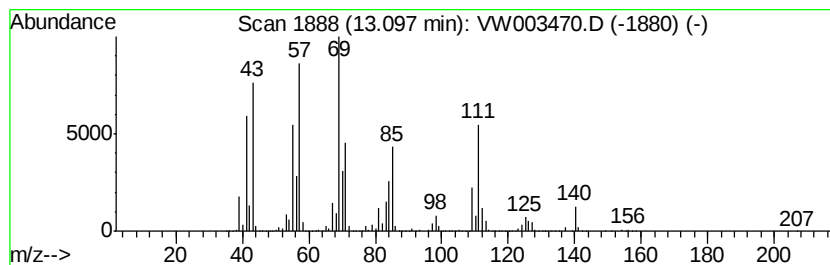
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown13.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	235.11 ug/l	133476000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	42
2		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	42
3		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	41
4		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38
5		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	30



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ClientSampleId :
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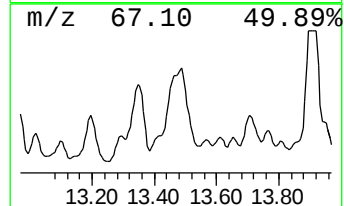
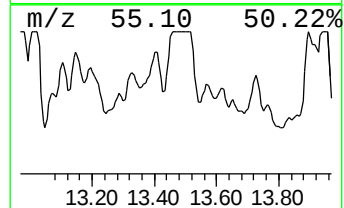
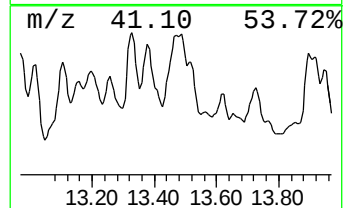
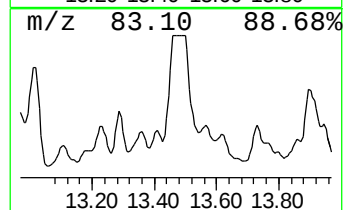
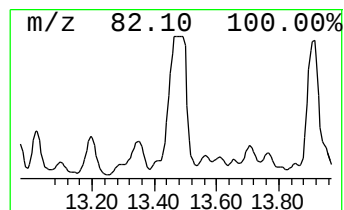
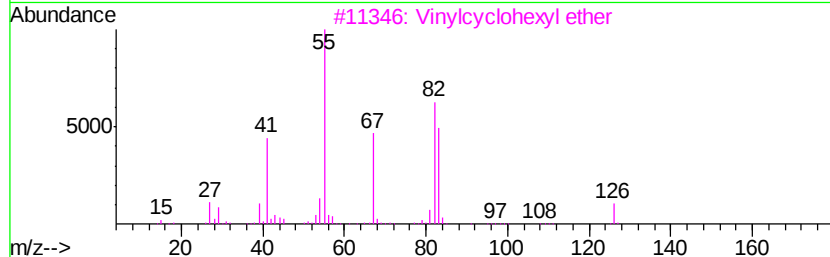
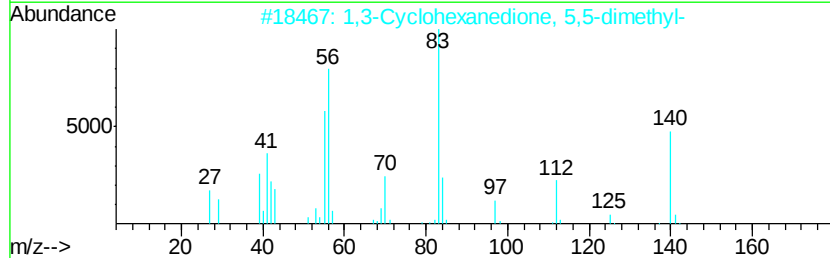
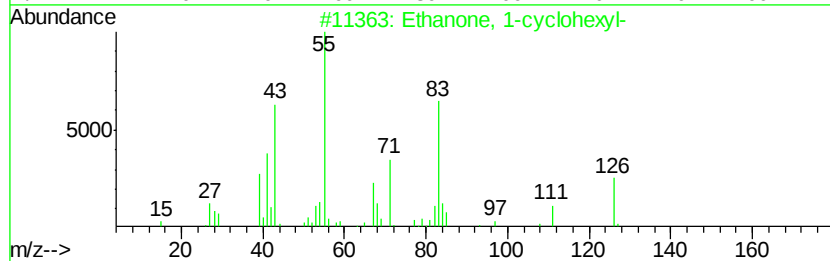
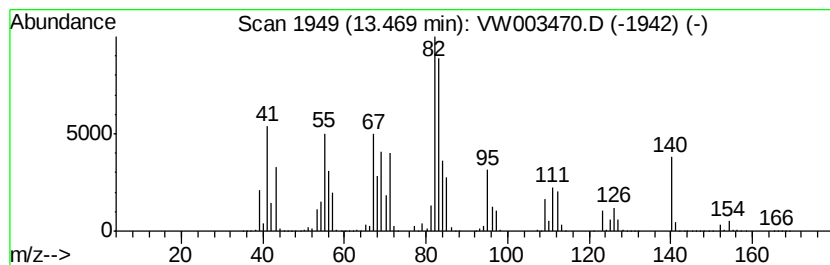
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Quant Title : SW846 8260

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

Peak Number 5 unknown13.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	381.63 ug/l	216660000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	43
2		1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	38
3		Vinylcyclohexyl ether	126	C8H14O	002182-55-0	35
4		Cyclodecane	140	C10H20	000293-96-9	30
5		Bicyclo[3.1.0]hexan-2-one, 3,3,6...	138	C9H14O	053966-40-8	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003470.D
Acq On : 23 Jun 2018 19:28
Operator : SY/AP
Sample : J3664-13
Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

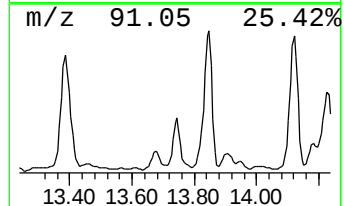
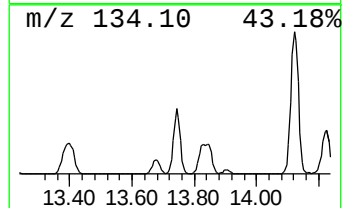
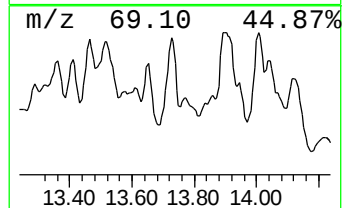
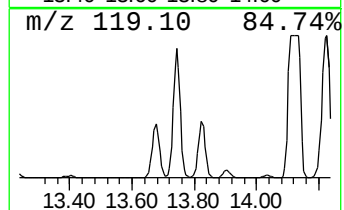
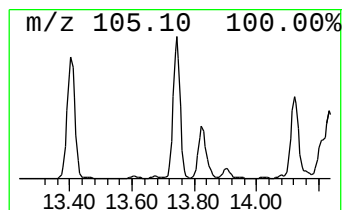
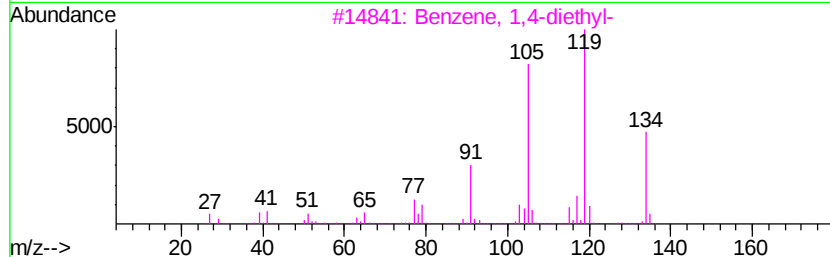
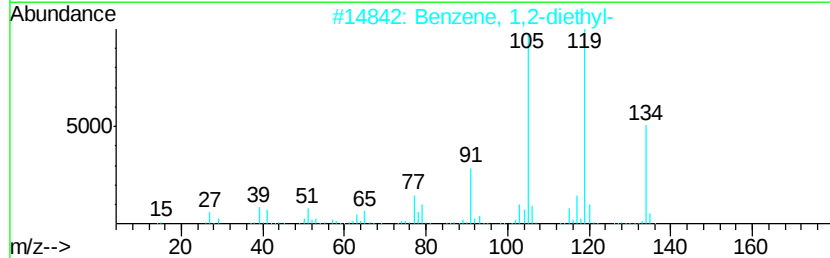
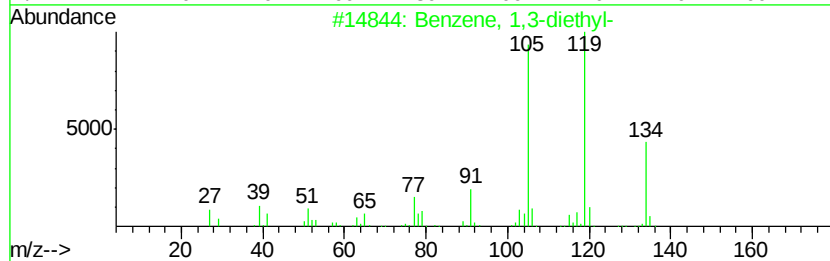
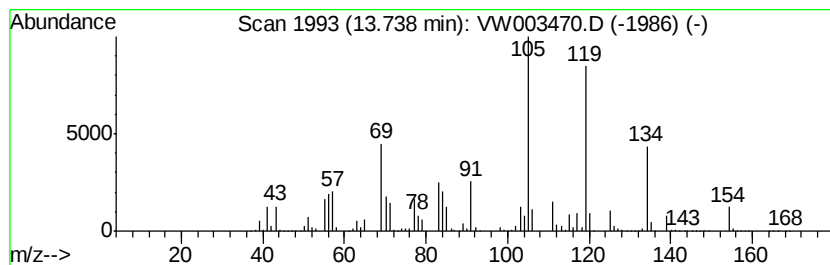
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	280.52 ug/l	159257000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003470.D
Acq On : 23 Jun 2018 19:28
Operator : SY/AP
Sample : J3664-13
Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

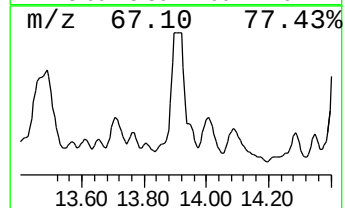
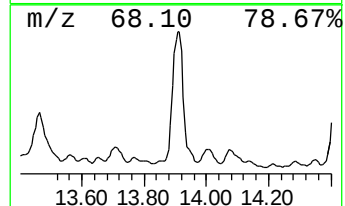
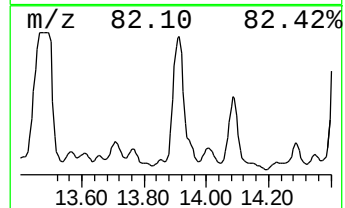
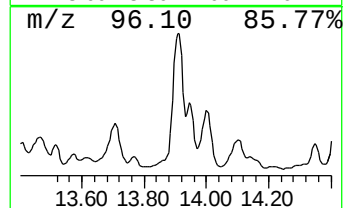
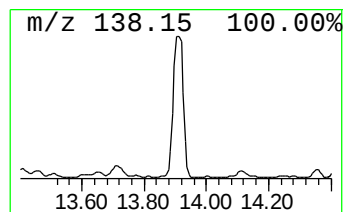
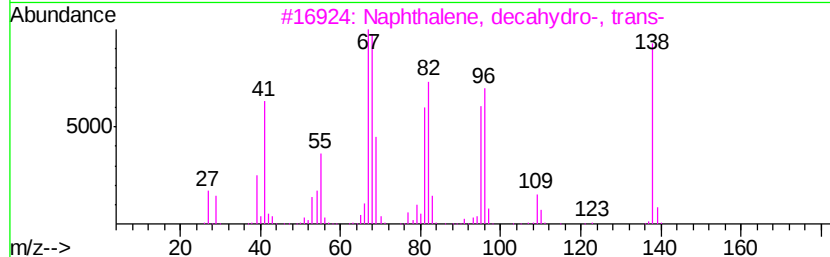
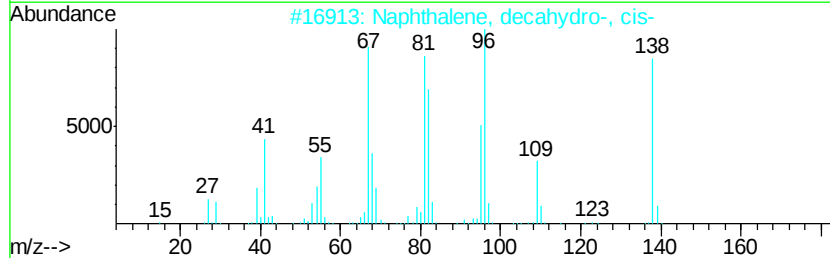
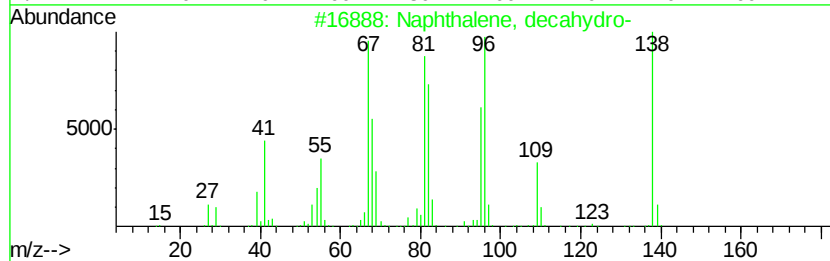
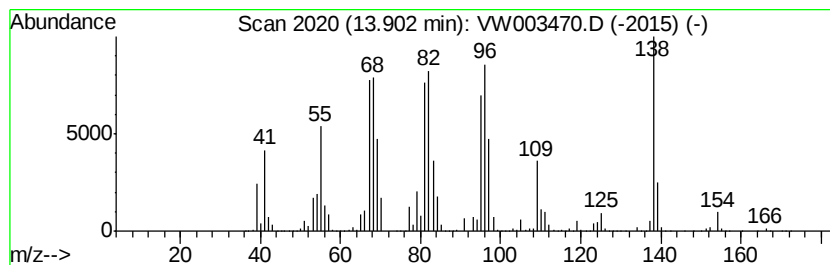
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	437.38 ug/l	248309000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
4		Spiro[4.5]decane	138	C10H18	000176-63-6	90
5		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003470.D
Acq On : 23 Jun 2018 19:28
Operator : SY/AP
Sample : J3664-13
Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

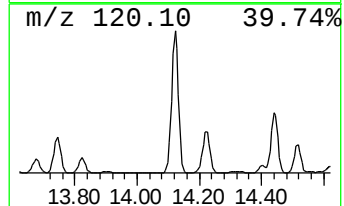
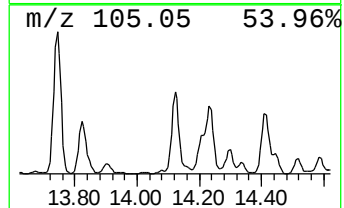
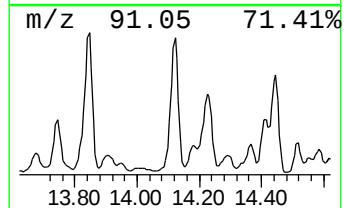
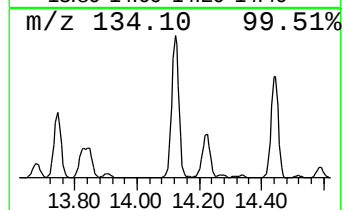
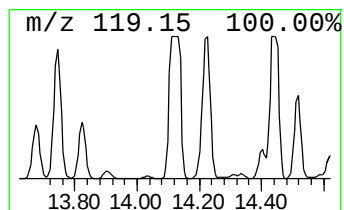
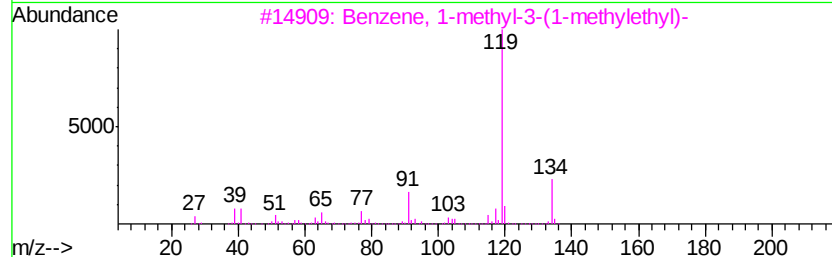
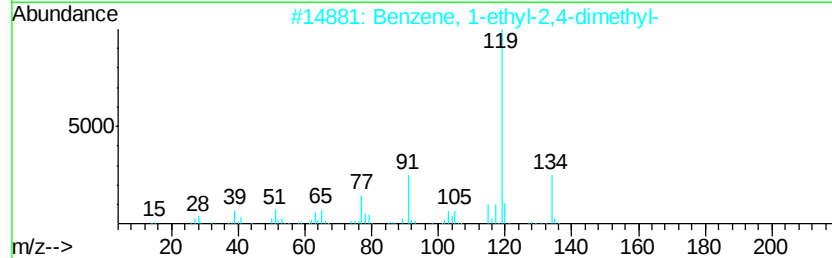
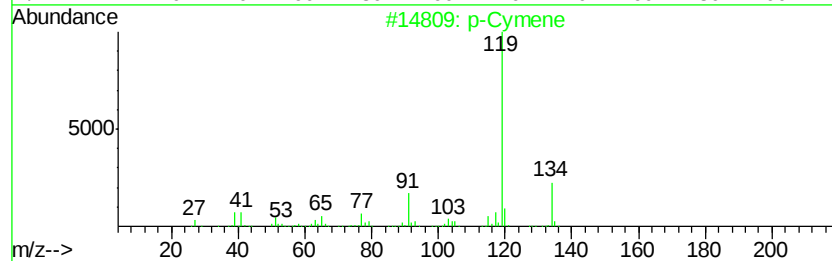
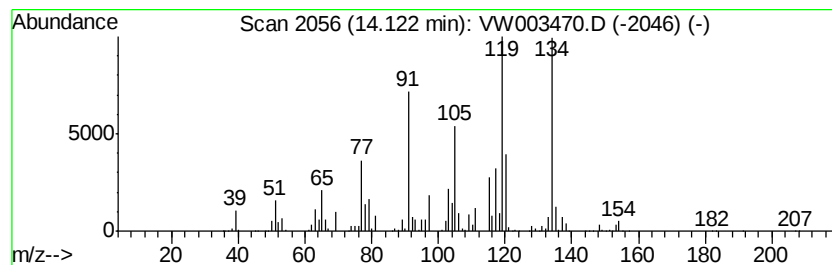
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Quant Title : SW846 8260

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

Peak Number 8 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	429.01 ug/l	243558000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	64
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
4		o-Cymene	134	C10H14	000527-84-4	64
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003470.D
Acq On : 23 Jun 2018 19:28
Operator : SY/AP
Sample : J3664-13
Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WP021SB485-21-23-180619

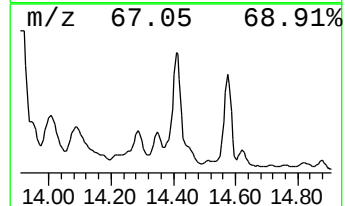
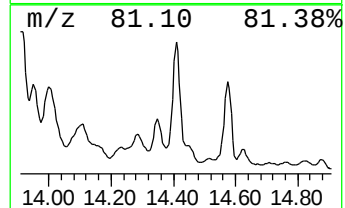
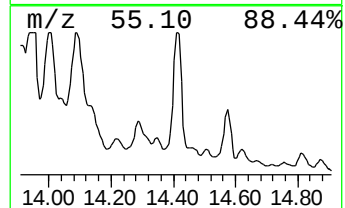
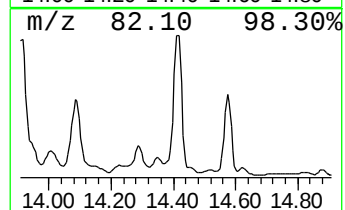
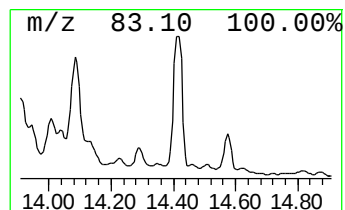
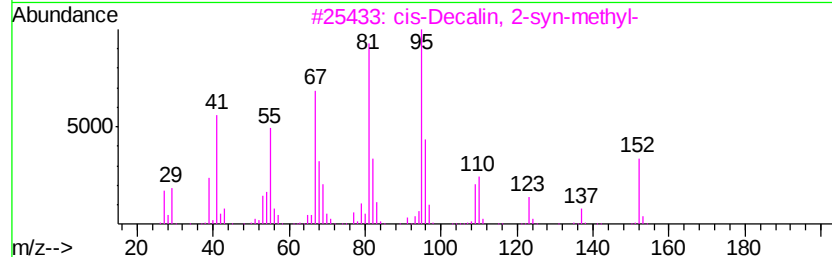
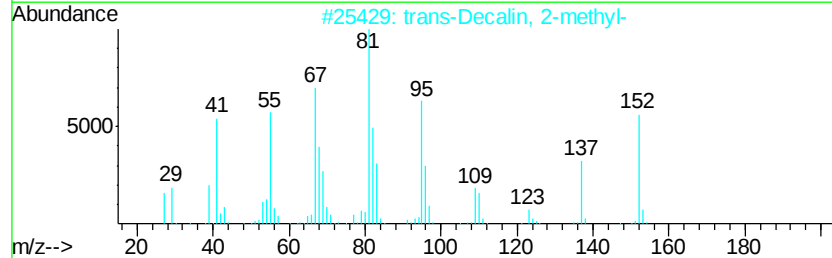
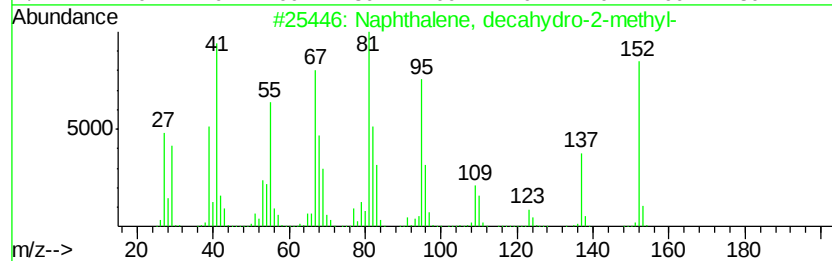
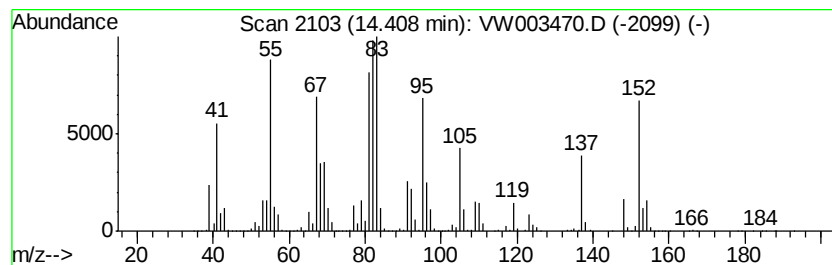
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	295.24 ug/l	167615000	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		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	78
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	46
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	46
5		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003470.D
Acq On : 23 Jun 2018 19:28
Operator : SY/AP
Sample : J3664-13
Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

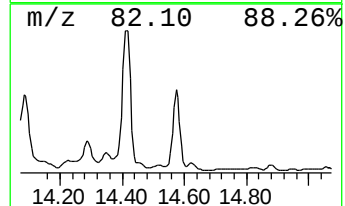
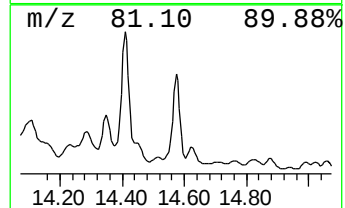
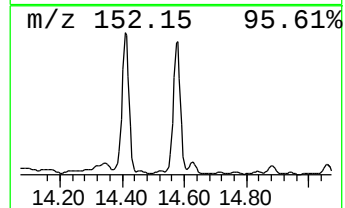
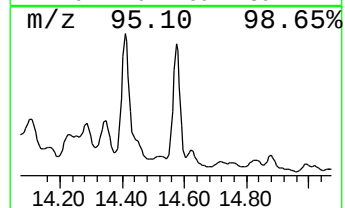
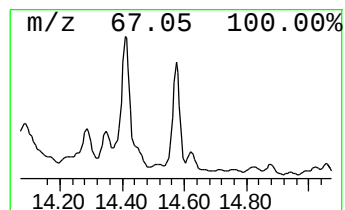
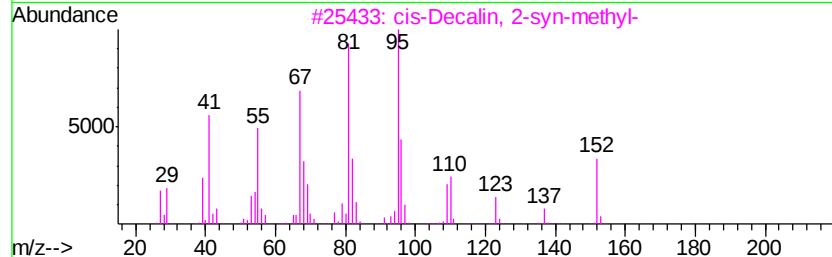
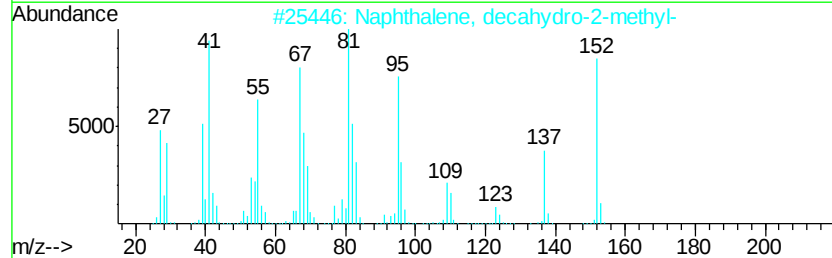
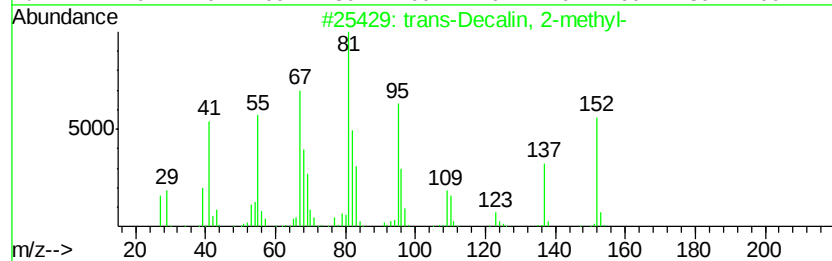
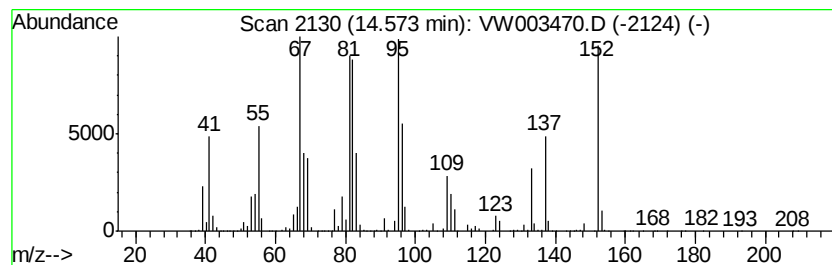
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Quant Title : SW846 8260

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

Peak Number 10 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	229.97 ug/l	130557000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62
5		Cyclopentylcyclohexane	152	C11H20	001606-08-2	55



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003470.D
Acq On : 23 Jun 2018 19:28
Operator : SY/AP
Sample : J3664-13
Misc : 6.07G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-21-23-180619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.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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Cyclohexane, methyl-	12.39	366.0	ug/l	99064400	3	11.63	13533600	50.0
Cycloheptane, met...	12.96	400.3	ug/l	227242000	4	13.56	28386000	50.0
unknown13.10	13.10	235.1	ug/l	133476000	4	13.56	28386000	50.0
unknown13.47	13.47	381.6	ug/l	216660000	4	13.56	28386000	50.0
Benzene, 1,3-diet...	13.74	280.5	ug/l	159257000	4	13.56	28386000	50.0
Naphthalene, deca...	13.90	437.4	ug/l	248309000	4	13.56	28386000	50.0
p-Cymene	14.12	429.0	ug/l	243558000	4	13.56	28386000	50.0
Naphthalene, deca...	14.41	295.2	ug/l	167615000	4	13.56	28386000	50.0
trans-Decalin, 2-...	14.57	230.0	ug/l	130557000	4	13.56	28386000	50.0