

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007285.D
 Acq On : 06 Dec 2018 18:17
 Operator : SY/AP
 Sample : J6248-06
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 4UST-SW-6

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\82W120418S.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	10.097	1334	1344	1357	rBV2	201701	602641	1.15%	0.077%
2	10.323	1374	1381	1385	rBV2	819073	1590574	3.03%	0.203%
3	10.506	1404	1411	1419	rVB2	466059	1102946	2.10%	0.141%
4	10.622	1419	1430	1433	rBV	330009	665746	1.27%	0.085%
5	10.664	1433	1437	1446	rVB	914389	1672351	3.19%	0.214%
6	10.762	1446	1453	1457	rBV4	616053	1298278	2.47%	0.166%
7	10.853	1464	1468	1473	rVB	877099	1478125	2.82%	0.189%
8	10.945	1473	1483	1490	rBV2	3659384	7104350	13.54%	0.909%
9	11.048	1492	1500	1507	rBV	1997266	4944784	9.42%	0.632%
10	11.122	1507	1512	1517	rBV3	950049	2252401	4.29%	0.288%
11	11.183	1517	1522	1526	rBV	2060860	3129775	5.96%	0.400%
12	11.237	1526	1531	1537	rVB2	6648546	12610769	24.03%	1.613%
13	11.292	1537	1540	1543	rVB2	763279	977322	1.86%	0.125%
14	11.347	1543	1549	1554	rBV4	3913595	8098691	15.43%	1.036%
15	11.414	1554	1560	1561	rBV4	1985748	3231863	6.16%	0.413%
16	11.445	1562	1565	1572	rVB3	4327887	8232377	15.69%	1.053%
17	11.524	1572	1578	1590	rBV	4113996	9689926	18.47%	1.239%
18	11.676	1598	1603	1606	rBV	746859	1323627	2.52%	0.169%
19	11.725	1607	1611	1614	rBV3	573790	818809	1.56%	0.105%
20	11.774	1614	1619	1622	rBV	2807971	4912049	9.36%	0.628%
21	11.835	1622	1629	1633	rBV6	3696294	9691381	18.47%	1.239%
22	11.884	1633	1637	1642	rBV2	5563089	9690085	18.47%	1.239%
23	11.987	1650	1654	1660	rBV4	1736644	4626411	8.82%	0.592%
24	12.079	1661	1669	1674	rBV3	3104022	7137769	13.60%	0.913%
25	12.152	1674	1681	1688	rBV5	11114438	31347723	59.74%	4.009%
26	12.280	1697	1702	1708	rVB	17726638	28843955	54.97%	3.689%
27	12.353	1709	1714	1716	rBV3	9854812	16734771	31.89%	2.140%
28	12.390	1717	1720	1730	rVB3	17541924	36916353	70.35%	4.721%
29	12.481	1731	1735	1738	rBV4	2889534	5508551	10.50%	0.704%
30	12.530	1738	1743	1745	rVV5	5741626	11136235	21.22%	1.424%
31	12.566	1746	1749	1756	rVB2	12476050	21866107	41.67%	2.796%
32	12.640	1756	1761	1765	rBV6	3565692	6710679	12.79%	0.858%
33	12.725	1768	1775	1779	rBV6	4372632	11149643	21.25%	1.426%
34	12.804	1779	1788	1794	rVB3	20319494	47431654	90.39%	6.066%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	12.884	1794	1801	1804	rBV3	9512096	21428626	40.84%	2.740%
36	12.957	1806	1813	1819	rBV4	21013921	52473379	100.00%	6.711%
37	13.012	1819	1822	1828	rVB2	11977735	19613917	37.38%	2.508%
38	13.103	1828	1837	1840	rBV5	9312363	18962197	36.14%	2.425%
39	13.152	1841	1845	1847	rBV4	4131175	7005762	13.35%	0.896%
40	13.194	1847	1852	1858	rVB	27560246	51813337	98.74%	6.626%
41	13.268	1858	1864	1869	rBV2	18752920	34079400	64.95%	4.358%
42	13.316	1869	1872	1876	rVB	4300727	5441126	10.37%	0.696%
43	13.371	1877	1881	1883	rBV	5941745	8398209	16.00%	1.074%
44	13.475	1890	1898	1901	rBV4	15240244	35865360	68.35%	4.587%
45	13.505	1901	1903	1915	rVB3	12829444	22426813	42.74%	2.868%
46	13.603	1915	1919	1924	rBV3	4763020	6900191	13.15%	0.882%
47	13.731	1933	1940	1944	rBV3	7680430	16427123	31.31%	2.101%
48	13.810	1949	1953	1962	rVB3	7165289	16471955	31.39%	2.107%
49	13.896	1962	1967	1972	rBV2	16496989	28956159	55.18%	3.703%
50	13.999	1979	1984	1985	rBV5	2391272	3803818	7.25%	0.486%
51	14.030	1985	1989	1991	rBV2	3877957	6073669	11.57%	0.777%
52	14.109	1998	2002	2010	rVB	11951826	20934688	39.90%	2.677%
53	14.176	2010	2013	2015	rVV	1227142	1739351	3.31%	0.222%
54	14.219	2015	2020	2025	rVB2	7647337	14282398	27.22%	1.827%
55	14.286	2025	2031	2036	rVB7	2539169	5940265	11.32%	0.760%
56	14.347	2036	2041	2045	rBV5	3070430	5349506	10.19%	0.684%
57	14.402	2045	2050	2052	rVV2	4870475	7634542	14.55%	0.976%
58	14.432	2052	2055	2058	rVV2	4118203	6290772	11.99%	0.805%
59	14.469	2058	2061	2065	rVB	5627647	7419664	14.14%	0.949%
60	14.505	2065	2067	2071	rVB	1867195	2165682	4.13%	0.277%
61	14.560	2071	2076	2082	rVB4	2645468	5496746	10.48%	0.703%
62	14.621	2082	2086	2087	rBV4	609836	908609	1.73%	0.116%
63	14.700	2095	2099	2103	rBV5	1048000	2169710	4.13%	0.277%
64	14.737	2103	2105	2110	rVB	1279918	1681186	3.20%	0.215%
65	14.804	2110	2116	2123	rBV3	4570862	9861001	18.79%	1.261%
66	14.865	2123	2126	2133	rVB3	671144	1141332	2.18%	0.146%
67	14.968	2137	2143	2148	rVB	3301809	5116877	9.75%	0.654%
68	15.072	2156	2160	2163	rBV3	322710	537438	1.02%	0.069%
69	15.182	2173	2178	2184	rVB2	404298	948773	1.81%	0.121%
70	15.371	2204	2209	2215	rVB	969481	1640327	3.13%	0.210%

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ClientSampleId :
4UST-SW-6

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

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Title : SW846 8260

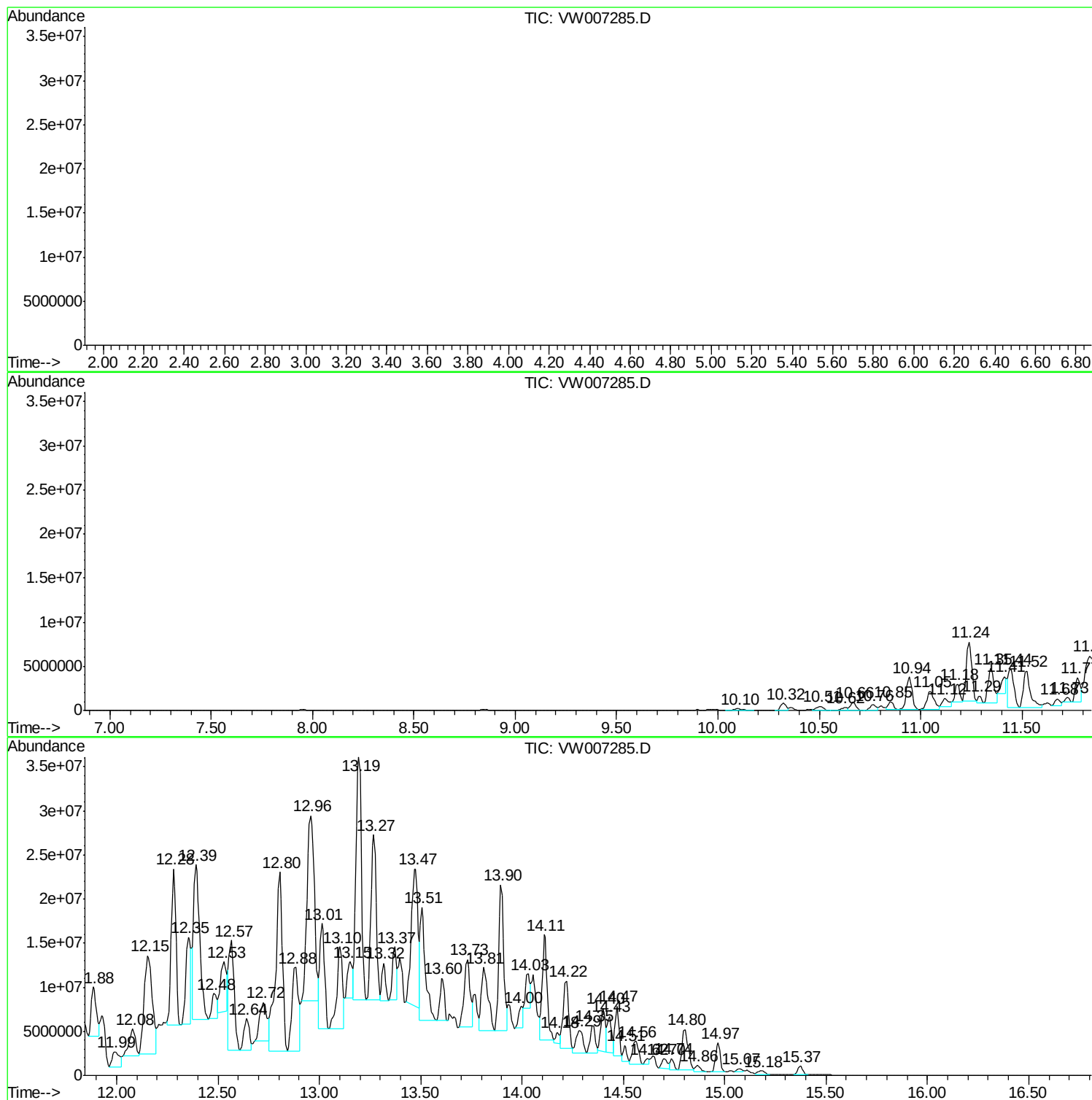
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
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Instrument :
MSVOA_W
ClientSampleId :
4UST-SW-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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



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Operator : SY/AP
Sample : J6248-06
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

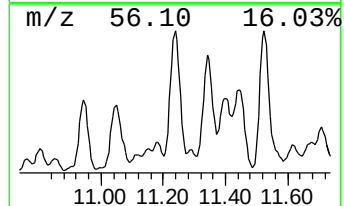
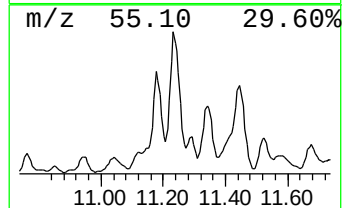
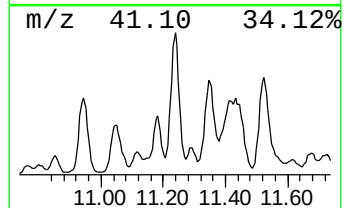
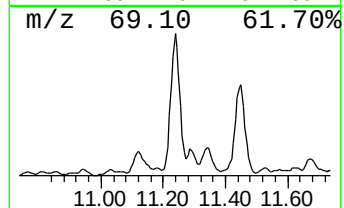
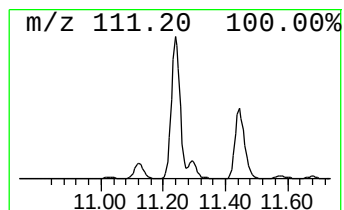
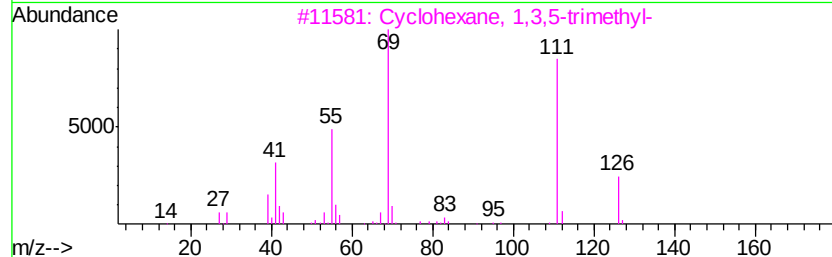
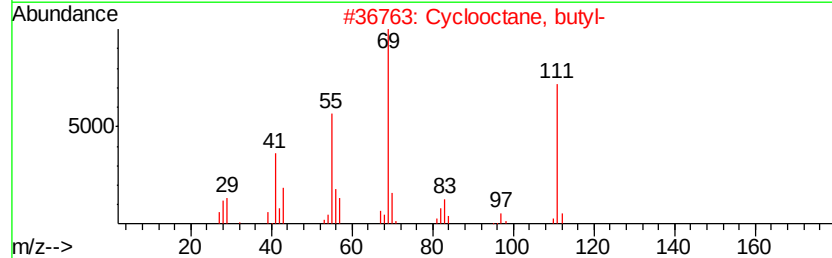
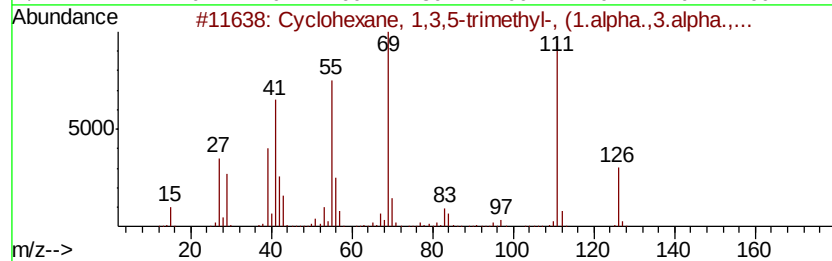
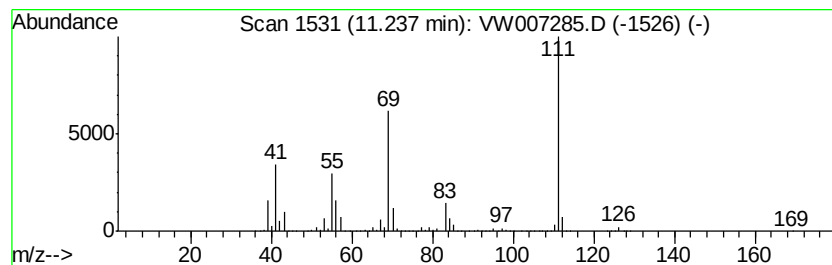
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,3,5-trimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.24	476.37 ug/l	12610800	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	78
2		Cyclooctane, butyl-	168	C12H24	016538-93-5	74
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5		Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	64



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Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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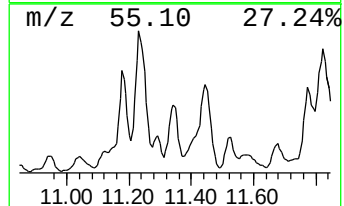
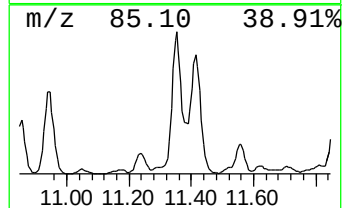
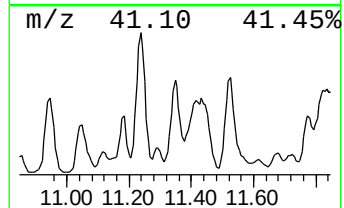
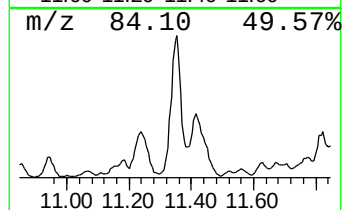
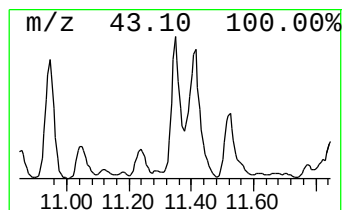
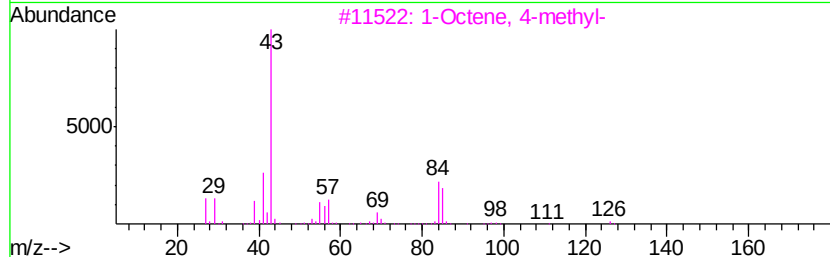
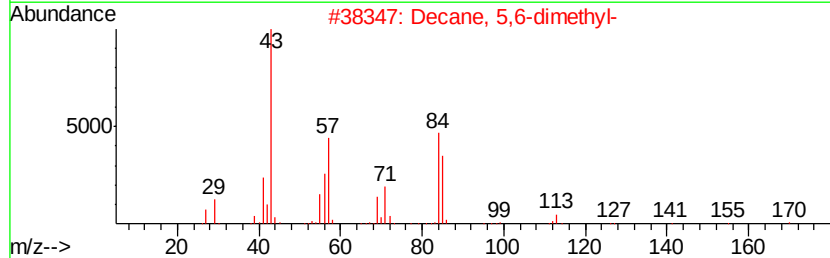
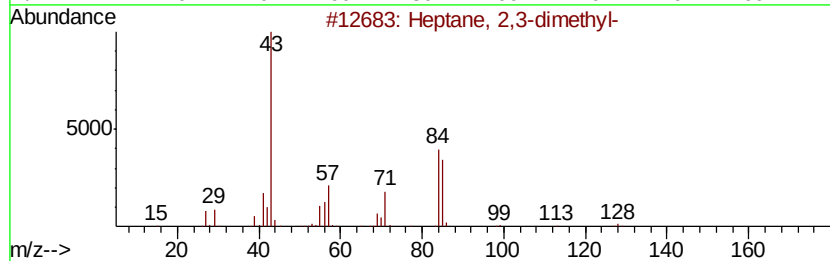
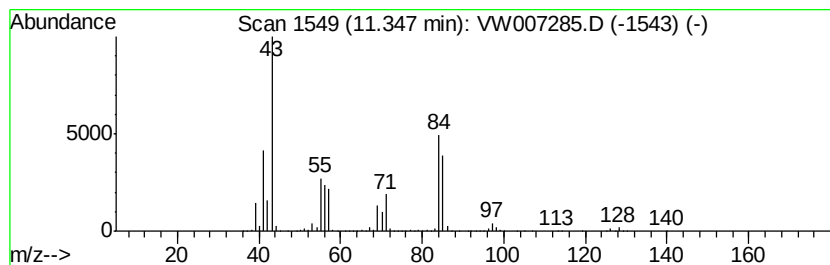
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	305.93 ug/l	8098690	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	80
2		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64
3		1-Octene, 4-methyl-	126	C9H18	013151-12-7	59
4		Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	58
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53



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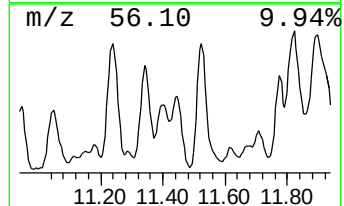
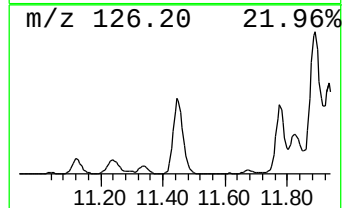
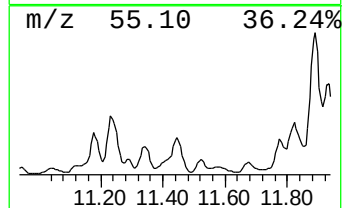
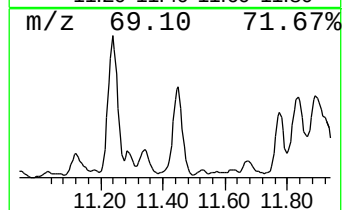
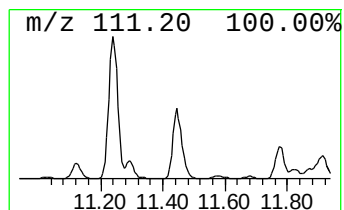
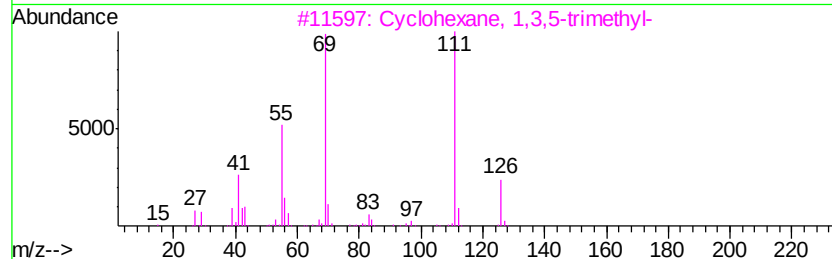
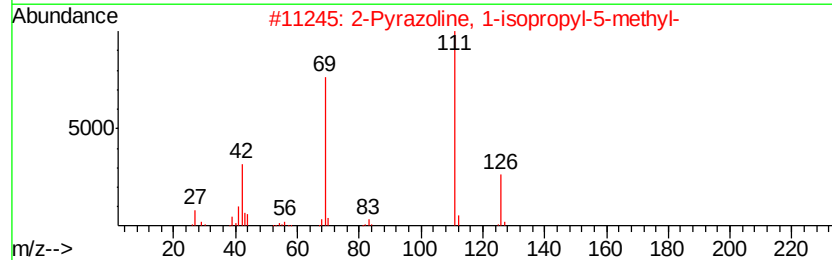
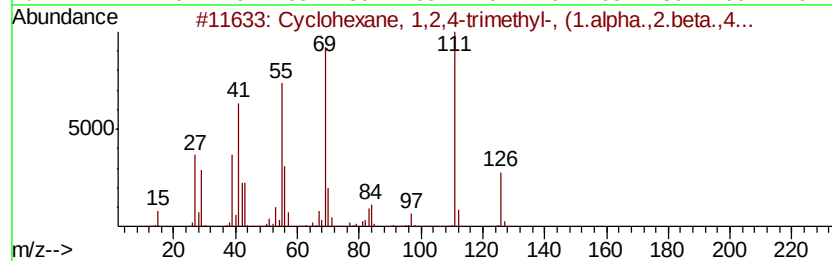
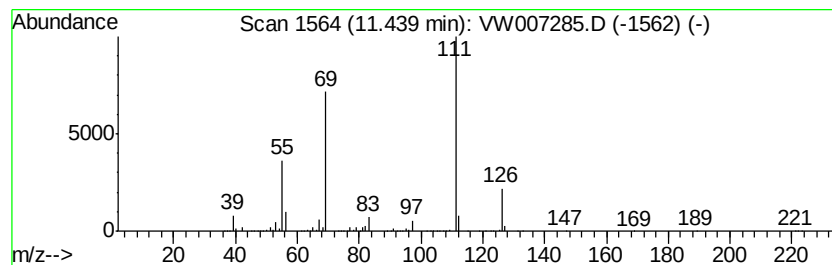
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Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,2,4-trimethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	310.98 ug/l	8232380	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	86
2		2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	86
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	72
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64



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ClientSampleId :
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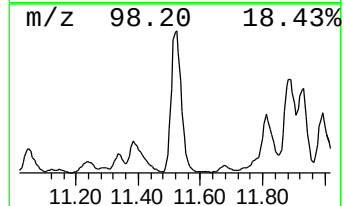
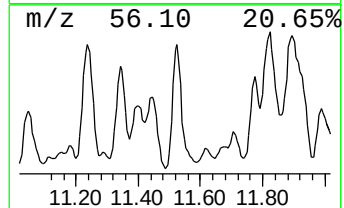
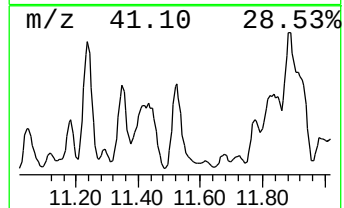
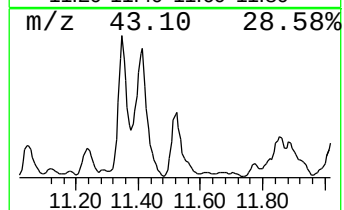
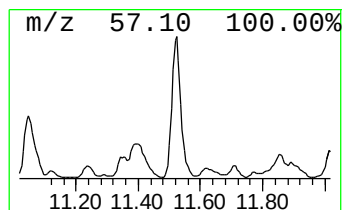
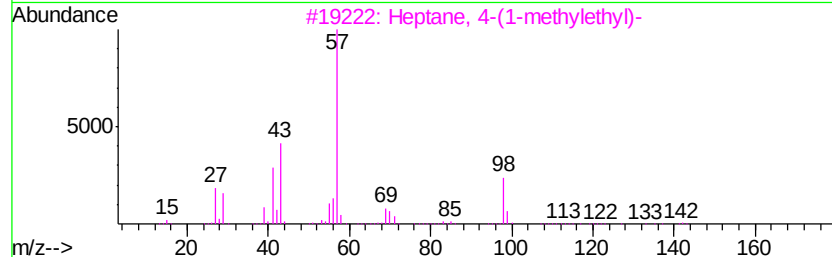
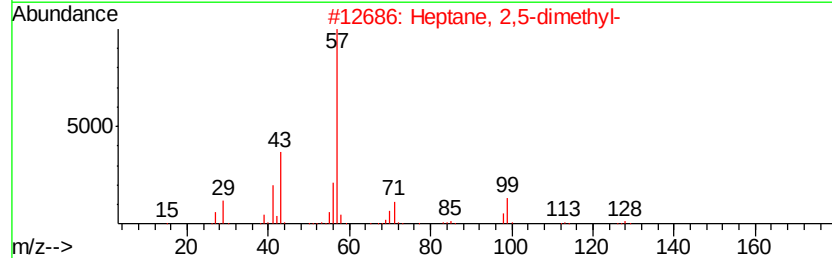
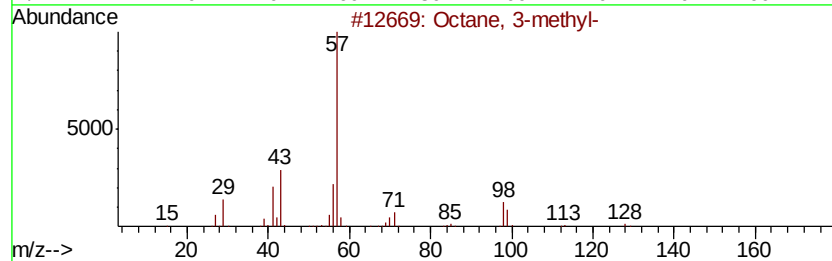
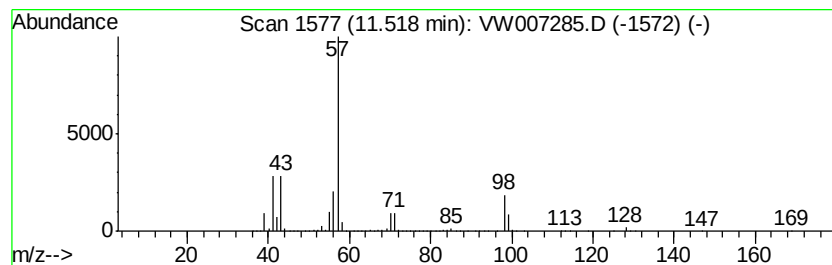
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Quant Title : SW846 8260

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

Peak Number 4 Octane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	366.04 ug/l	9689930	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
3		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007285.D
Acq On : 06 Dec 2018 18:17
Operator : SY/AP
Sample : J6248-06
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

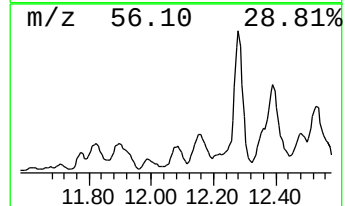
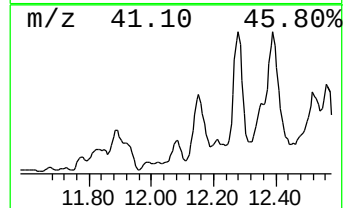
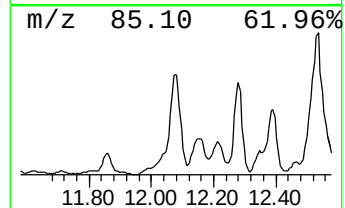
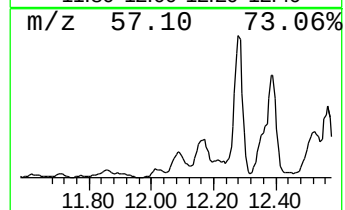
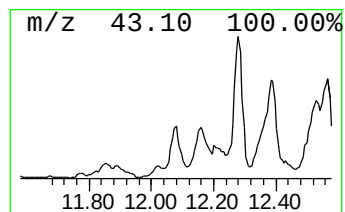
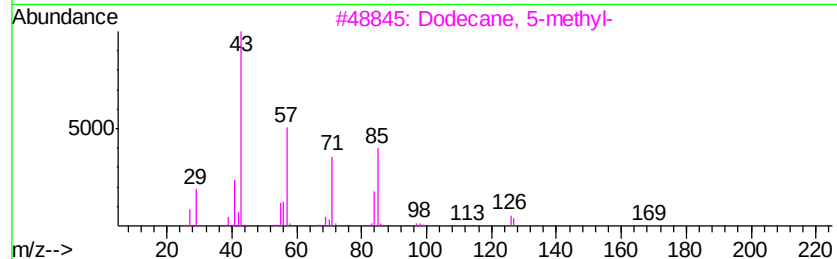
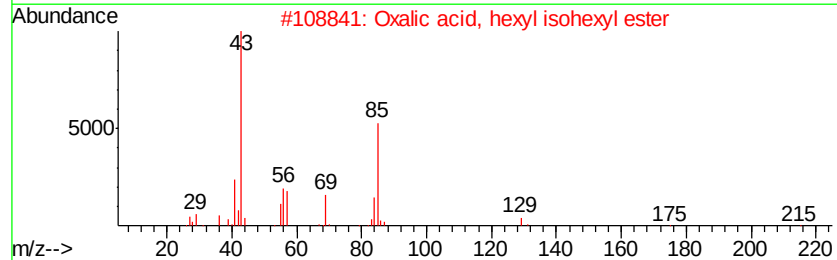
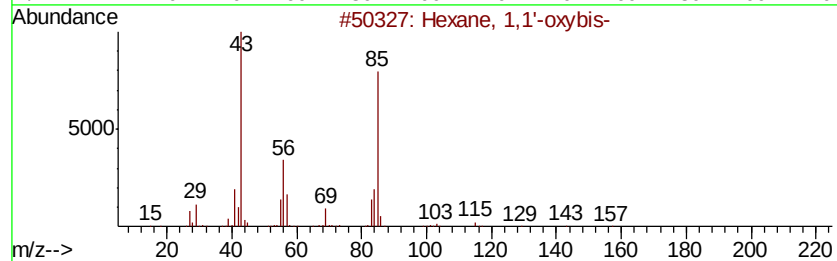
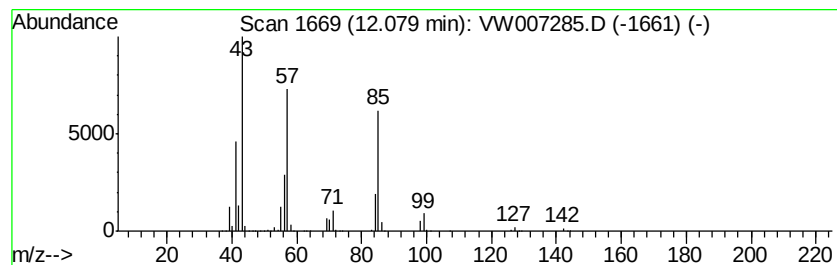
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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

Peak Number 5 Hexane, 1,1'-oxybis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	269.63 ug/l	7137770	Chlorobenzene-d5	11.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 1,1'-oxybis-	186 C12H26O	000112-58-3	64
2	Oxalic acid, hexyl isohexyl ester	258 C14H26O4	1000309-33-0	64
3	Dodecane, 5-methyl-	184 C13H28	017453-93-9	59
4	Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5	53
5	Sulfurous acid, butyl isohexyl e...	222 C10H22O3S	1000309-17-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007285.D
Acq On : 06 Dec 2018 18:17
Operator : SY/AP
Sample : J6248-06
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

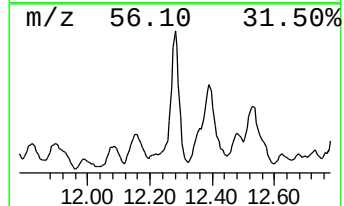
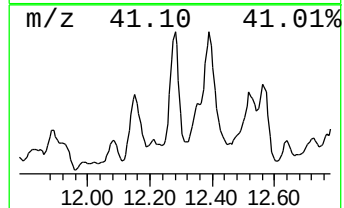
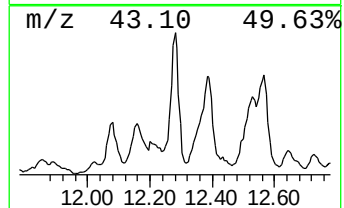
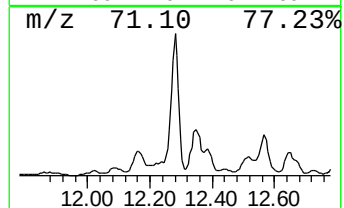
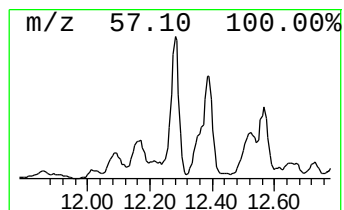
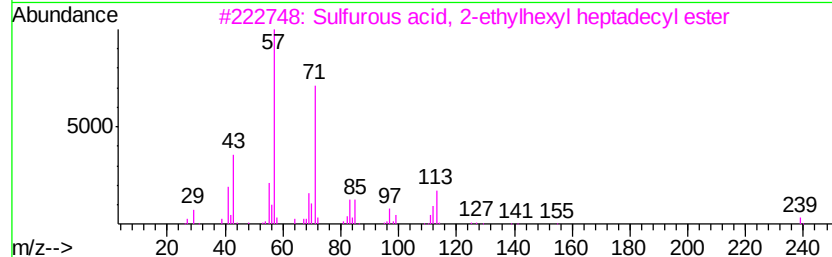
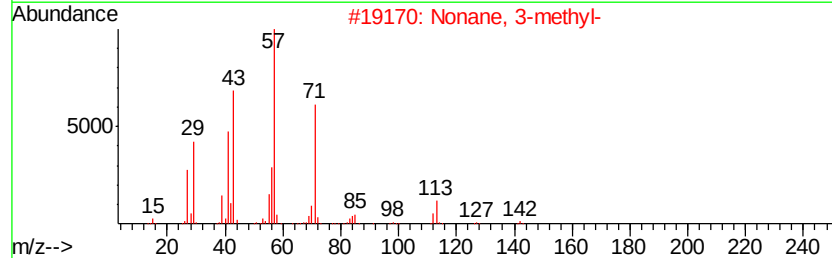
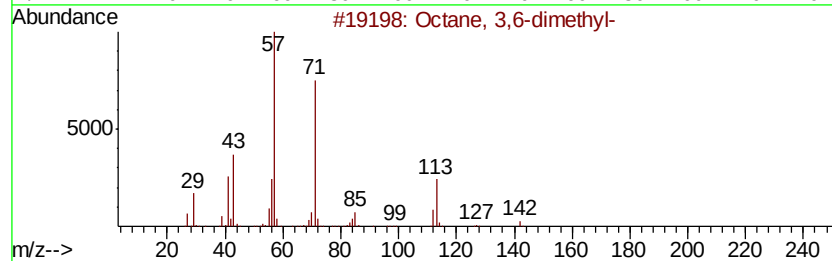
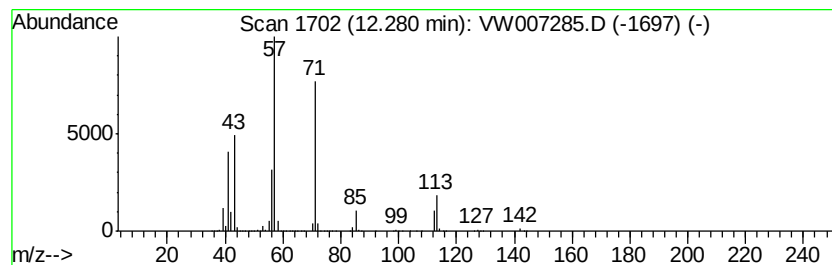
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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

Peak Number 6 Octane, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.28	1089.58 ug/l	28844000	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	78
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007285.D
Acq On : 06 Dec 2018 18:17
Operator : SY/AP
Sample : J6248-06
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
4UST-SW-6

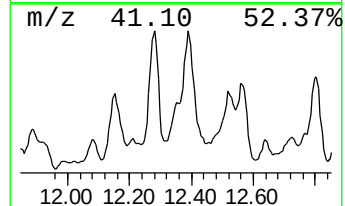
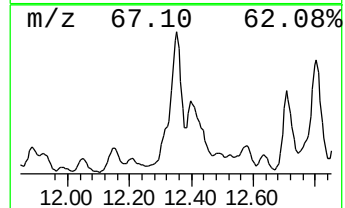
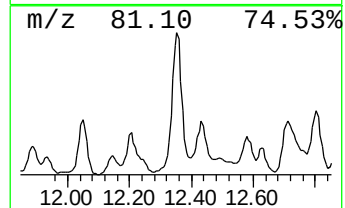
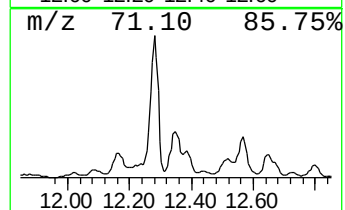
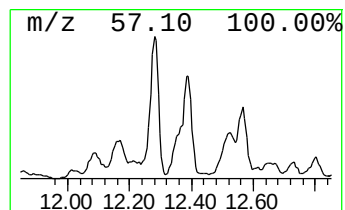
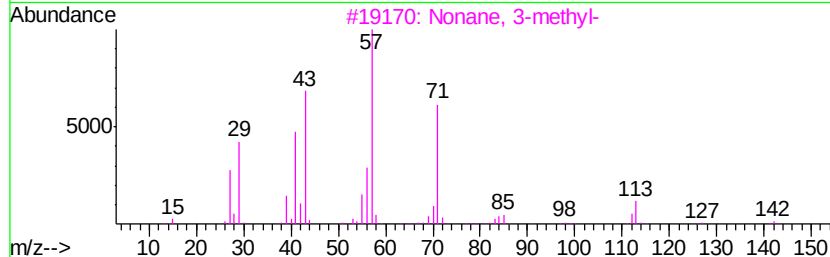
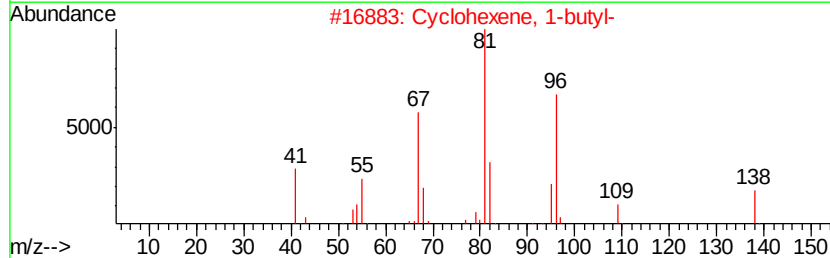
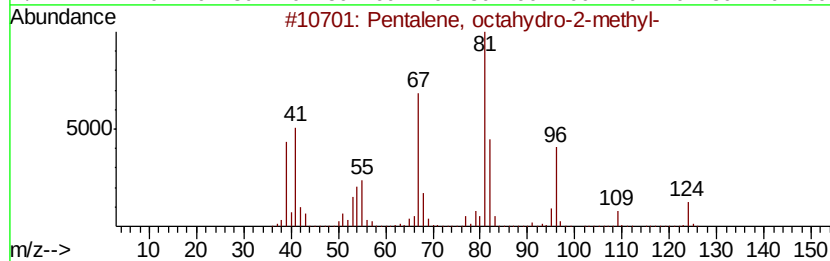
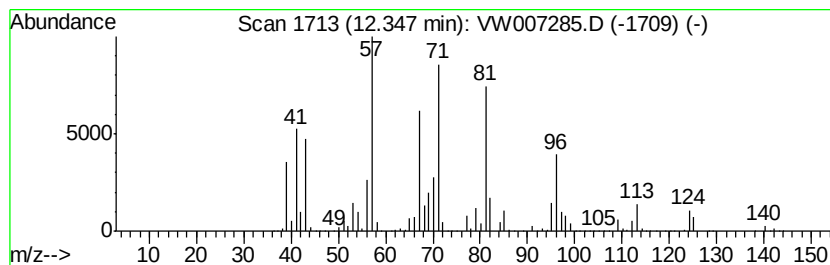
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown12.35 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	632.16 ug/l	16734800	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	44
2		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	41
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
4		Cyclohexanol, 4-methyl-, trans-	114	C7H14O	007731-29-5	30
5		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007285.D
Acq On : 06 Dec 2018 18:17
Operator : SY/AP
Sample : J6248-06
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

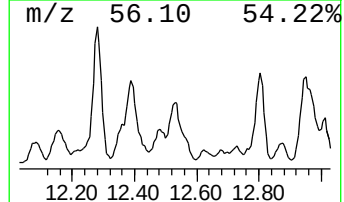
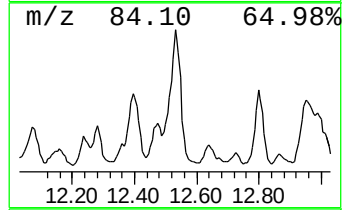
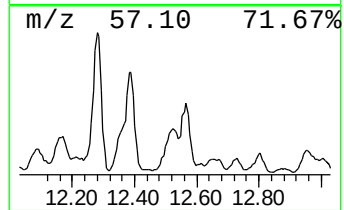
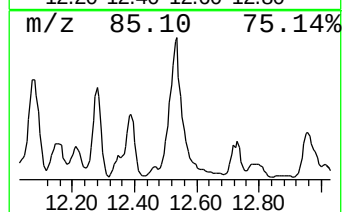
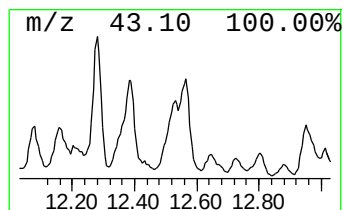
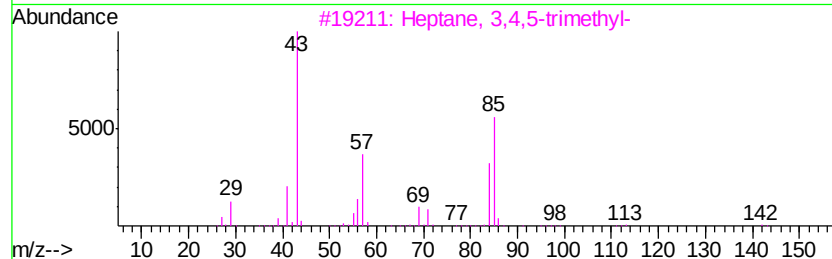
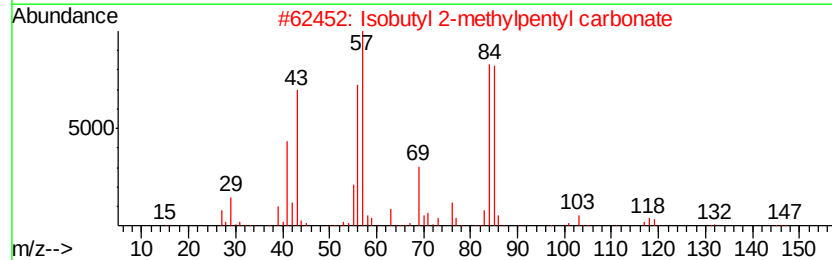
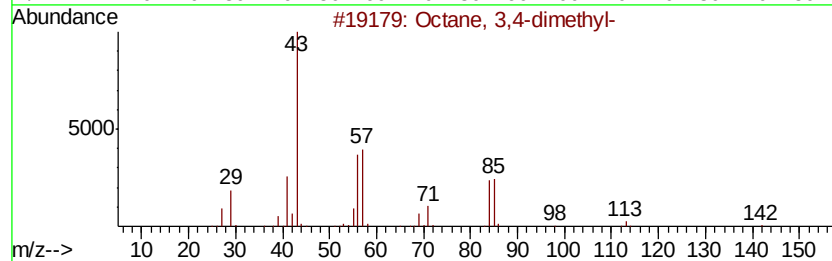
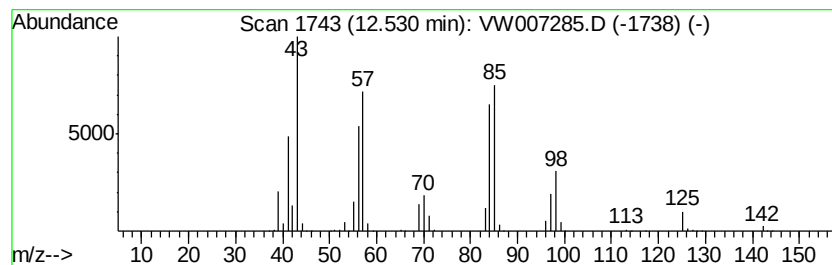
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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

Peak Number 9 Octane, 3,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.53	420.67 ug/l	11136200	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	58	
2	Isobutyl 2-methylpentyl carbonate	202	C11H22O3	1000372-75-2	53	
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	47	
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	47	
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	43	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007285.D
Acq On : 06 Dec 2018 18:17
Operator : SY/AP
Sample : J6248-06
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

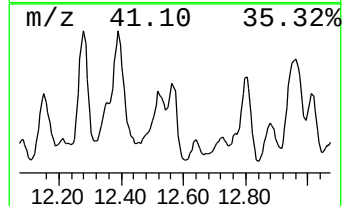
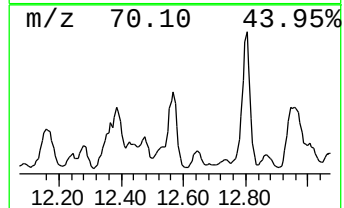
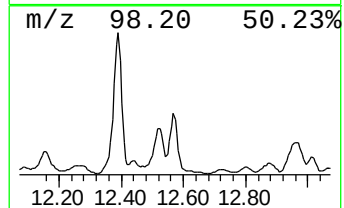
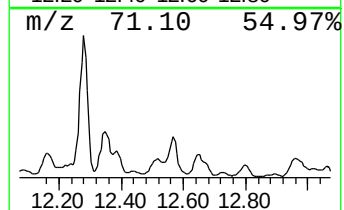
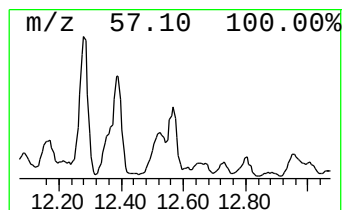
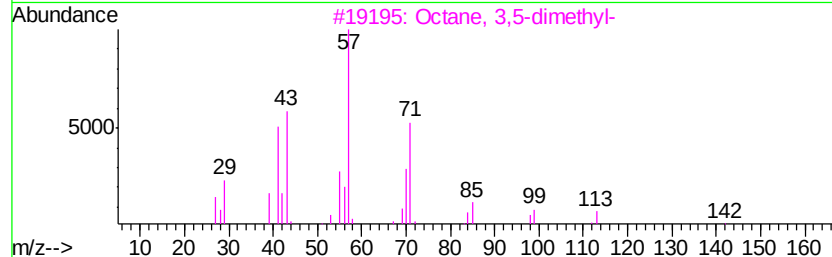
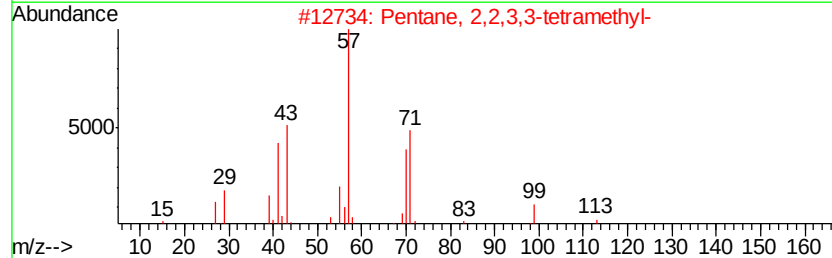
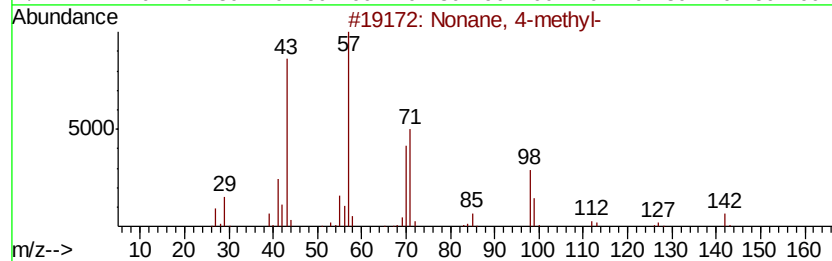
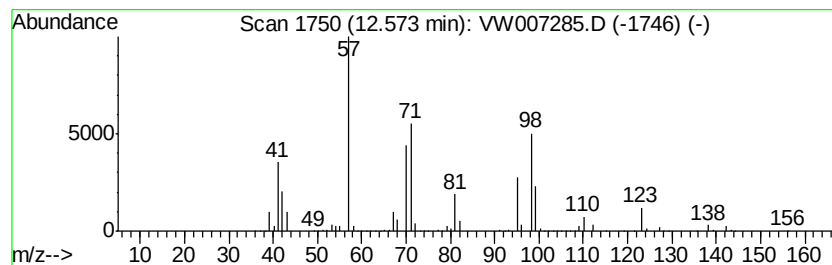
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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

Peak Number 10 Nonane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.57	825.99 ug/l	21866100	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	83	
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38	
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38	
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	33	
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	32	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120618\
Data File : VW007285.D
Acq On : 06 Dec 2018 18:17
Operator : SY/AP
Sample : J6248-06
Misc : 5.08G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
4UST-SW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.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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Heptane, 2,3-dime...	11.35	305.9	ug/l	8098690	3	11.63	1323630	50.0
Cyclohexane, 1,2,...	11.44	311.0	ug/l	8232380	3	11.63	1323630	50.0
Octane, 3-methyl-	11.52	366.0	ug/l	9689930	3	11.63	1323630	50.0
Hexane, 1,1'-oxybis-	12.08	269.6	ug/l	7137770	3	11.63	1323630	50.0
Octane, 3,6-dimet...	12.28	1089.6	ug/l	28844000	3	11.63	1323630	50.0
unknown12.35	12.35	632.2	ug/l	16734800	3	11.63	1323630	50.0
Octane, 3,4-dimet...	12.53	420.7	ug/l	11136200	3	11.63	1323630	50.0
Nonane, 4-methyl-	12.57	826.0	ug/l	21866100	3	11.63	1323630	50.0