

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065254.D
 Acq On : 20 Feb 2020 14:03
 Operator : VA/SY
 Sample : L1601-06
 Misc : 4.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-3

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_D\METHOD\82D021820S.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	3.038	184	190	198	rVB4	23167	47983	1.45%	0.103%
2	3.409	246	253	262	rBV4	21238	67036	2.02%	0.144%
3	3.879	326	333	342	rVB3	14538	37359	1.13%	0.080%
4	4.167	372	382	391	rVB	29108	80342	2.43%	0.172%
5	4.967	503	518	519	rBV6	37496	99538	3.00%	0.214%
6	5.485	594	606	620	rBV3	59203	203969	6.16%	0.438%
7	5.809	650	661	671	rBV5	10417	37384	1.13%	0.080%
8	5.991	682	692	704	rVB3	33894	103997	3.14%	0.223%
9	6.344	742	752	762	rVB3	21092	68280	2.06%	0.147%
10	6.485	766	776	783	rBV5	11847	36503	1.10%	0.078%
11	6.779	815	826	835	rBV8	14449	45920	1.39%	0.099%
12	6.932	839	852	859	rBV4	25085	83170	2.51%	0.178%
13	7.026	859	868	877	rVV2	63172	179614	5.42%	0.385%
14	7.220	890	901	909	rBV4	25469	72738	2.20%	0.156%
15	7.732	982	988	997	rVB2	25490	60929	1.84%	0.131%
16	7.920	1006	1020	1025	rBV	439700	1104989	33.35%	2.371%
17	7.985	1025	1031	1039	rVV	826688	1964210	59.29%	4.215%
18	8.067	1039	1045	1056	rVB	116234	295288	8.91%	0.634%
19	8.191	1056	1066	1076	rBV	120148	280916	8.48%	0.603%
20	8.350	1076	1093	1104	rBV3	726856	2029147	61.25%	4.354%
21	8.508	1104	1120	1130	rVV	312735	925150	27.93%	1.985%
22	8.603	1131	1136	1146	rVB4	26590	67329	2.03%	0.144%
23	8.726	1146	1157	1165	rBV	109667	233089	7.04%	0.500%
24	8.867	1169	1181	1194	rBV	1215522	2529216	76.34%	5.427%
25	9.144	1224	1228	1241	rVB4	26071	60547	1.83%	0.130%
26	9.355	1250	1264	1269	rBV3	153147	398993	12.04%	0.856%
27	9.408	1269	1273	1280	rVV2	89413	170409	5.14%	0.366%
28	9.497	1280	1288	1291	rVV3	29352	64649	1.95%	0.139%
29	9.538	1291	1295	1301	rVB3	36711	67277	2.03%	0.144%
30	9.785	1328	1337	1346	rVB	327227	656847	19.83%	1.409%
31	9.914	1346	1359	1366	rBV2	462670	1034705	31.23%	2.220%
32	9.979	1366	1370	1374	rBV	85315	141466	4.27%	0.304%
33	10.120	1384	1394	1406	rBV	149899	363588	10.97%	0.780%
34	10.226	1406	1412	1414	rBV4	21783	39103	1.18%	0.084%

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Integrator: RTE
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35	10.267	1414	1419	1425	rVB2	81902	147222	4.44%	0.316%
36	10.344	1425	1432	1439	rBV	1841839	3312973	100.00%	7.109%
37	10.408	1439	1443	1449	rVB	93876	162923	4.92%	0.350%
38	10.526	1456	1463	1470	rVB2	138328	270008	8.15%	0.579%
39	10.726	1492	1497	1500	rVV2	42594	78186	2.36%	0.168%
40	10.779	1500	1506	1516	rVB9	48651	143410	4.33%	0.308%
41	10.867	1516	1521	1527	rVB6	21771	43149	1.30%	0.093%
42	11.432	1609	1617	1621	rBV2	53195	117882	3.56%	0.253%
43	11.532	1629	1634	1643	rBV2	48514	99636	3.01%	0.214%
44	11.649	1645	1654	1663	rVV	1586788	2717994	82.04%	5.832%
45	11.749	1665	1671	1680	rVV	349239	595401	17.97%	1.278%
46	11.855	1681	1689	1701	rVB	498743	1016726	30.69%	2.182%
47	12.185	1734	1745	1753	rBV	187225	350237	10.57%	0.752%
48	12.491	1790	1797	1808	rBV	224332	396280	11.96%	0.850%
49	12.638	1811	1822	1832	rVV	1239523	2151942	64.96%	4.618%
50	12.826	1848	1854	1860	rBV	895731	1413930	42.68%	3.034%
51	12.891	1860	1865	1868	rVV	165048	263085	7.94%	0.565%
52	12.926	1868	1871	1874	rVV	93132	138807	4.19%	0.298%
53	12.967	1874	1878	1885	rVB	106697	177375	5.35%	0.381%
54	13.126	1899	1905	1913	rVB	114484	190438	5.75%	0.409%
55	13.279	1925	1931	1937	rVB	328923	505989	15.27%	1.086%
56	13.402	1944	1952	1961	rBV3	134942	400645	12.09%	0.860%
57	13.585	1976	1983	1997	rBV2	1544682	2752260	83.08%	5.906%
58	13.749	2004	2011	2013	rBV	398168	608800	18.38%	1.306%
59	13.785	2013	2017	2022	rVB	794266	1228295	37.08%	2.636%
60	13.832	2022	2025	2026	rBV	100973	115729	3.49%	0.248%
61	13.914	2034	2039	2044	rVB	72116	112936	3.41%	0.242%
62	13.979	2044	2050	2056	rVB	377788	599316	18.09%	1.286%
63	14.043	2056	2061	2063	rBV2	38888	58567	1.77%	0.126%
64	14.067	2063	2065	2069	rVV2	33942	46535	1.40%	0.100%
65	14.132	2069	2076	2082	rVV	1329903	2074356	62.61%	4.451%
66	14.190	2082	2086	2089	rVV	57335	93019	2.81%	0.200%
67	14.238	2089	2094	2100	rVB2	264553	476845	14.39%	1.023%
68	14.308	2100	2106	2110	rBV3	33745	60492	1.83%	0.130%
69	14.455	2121	2131	2136	rBV	885572	1441128	43.50%	3.092%
70	14.532	2140	2144	2149	rVV	147491	218991	6.61%	0.470%
71	14.608	2152	2157	2160	rVV2	49024	87473	2.64%	0.188%

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 Stop Thrs : 0 Peak Location: TOP

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72	14.638	2160	2162	2167	rVV	47897	70320	2.12%	0.151%
73	14.726	2171	2177	2182	rVV	451562	738874	22.30%	1.586%
74	14.767	2182	2184	2188	rVV2	98996	118942	3.59%	0.255%
75	14.838	2188	2196	2202	rVV3	789021	1835194	55.39%	3.938%
76	14.896	2202	2206	2213	rVB	199059	336379	10.15%	0.722%
77	14.996	2219	2223	2228	rBV4	29183	46225	1.40%	0.099%
78	15.067	2228	2235	2236	rBV5	34296	53394	1.61%	0.115%
79	15.108	2236	2242	2247	rVV2	297880	473047	14.28%	1.015%
80	15.220	2254	2261	2269	rVB2	176753	360438	10.88%	0.773%
81	15.414	2280	2294	2301	rBV	1002603	1872587	56.52%	4.018%
82	15.520	2307	2312	2317	rBV3	70519	125759	3.80%	0.270%
83	15.573	2317	2321	2332	rVB4	45973	95809	2.89%	0.206%
84	15.708	2337	2344	2353	rBV	102132	214935	6.49%	0.461%
85	15.885	2369	2374	2386	rVB2	55244	150099	4.53%	0.322%
86	16.014	2389	2396	2402	rVV	72965	146378	4.42%	0.314%
87	16.090	2402	2409	2416	rVB3	40028	91389	2.76%	0.196%
88	16.514	2473	2481	2494	rVB	508000	1060881	32.02%	2.276%
89	16.720	2506	2516	2526	rBV	207642	490280	14.80%	1.052%

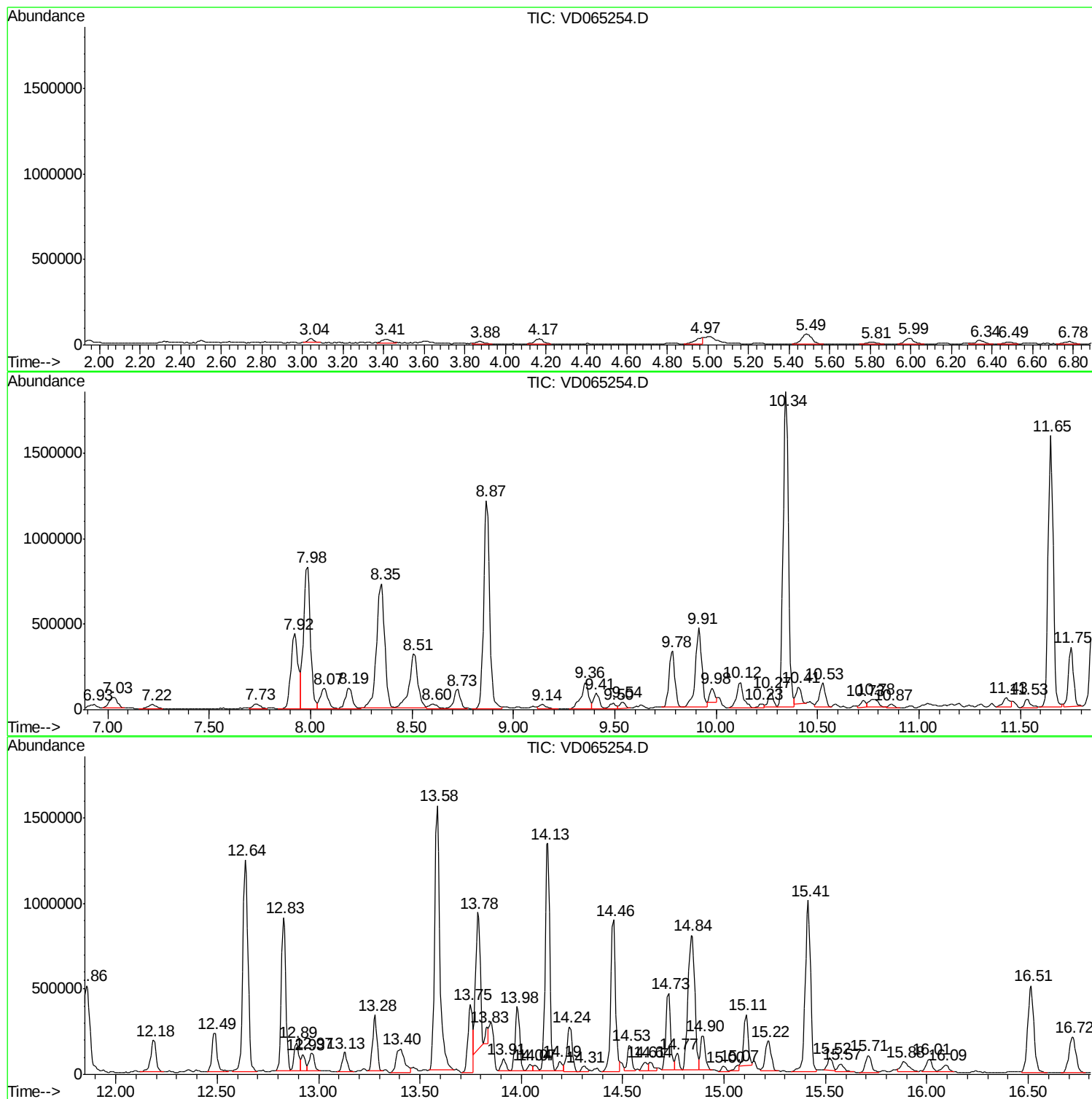
Sum of corrected areas: 46601590

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260

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



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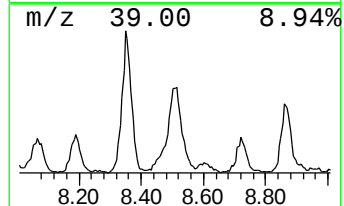
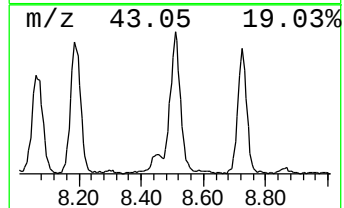
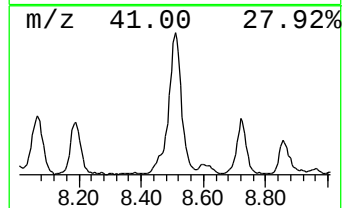
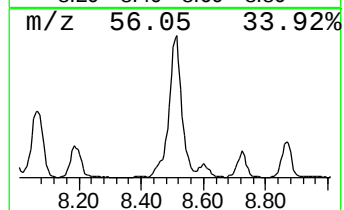
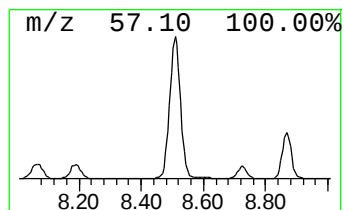
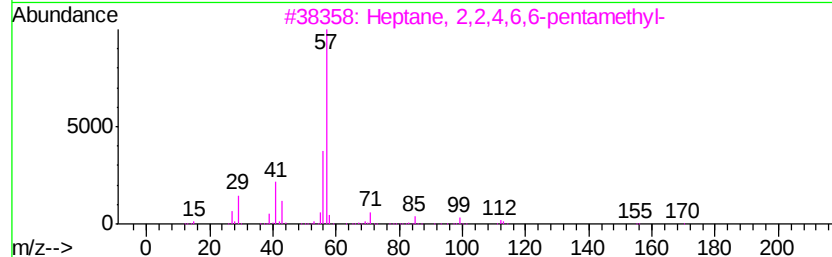
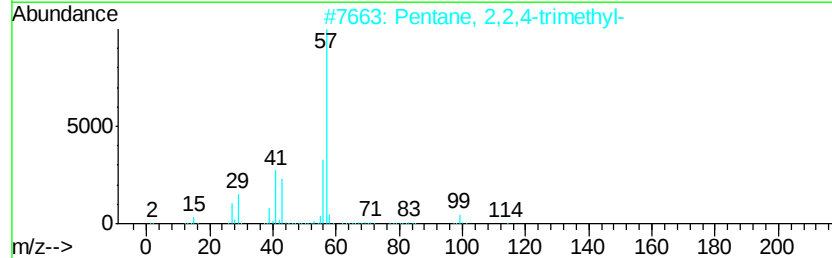
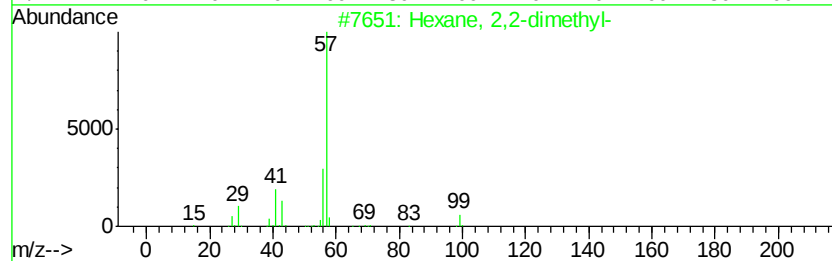
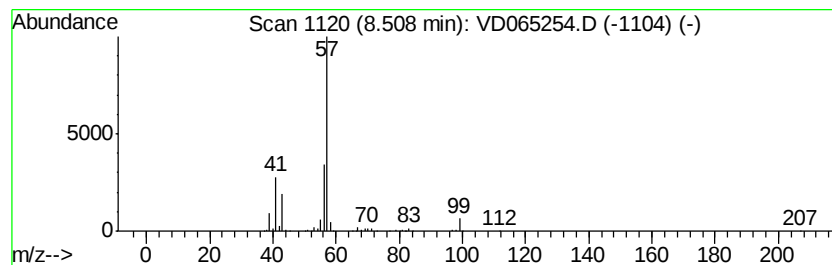
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	18.29 ug/l	925150	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
4		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59



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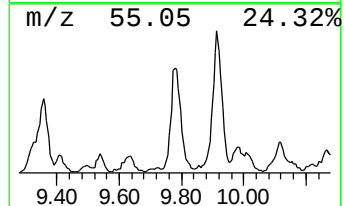
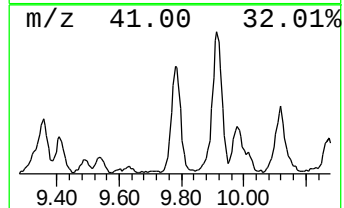
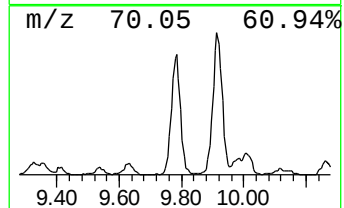
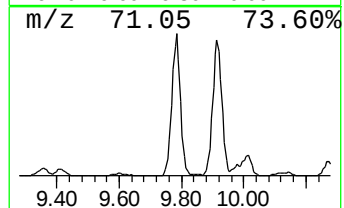
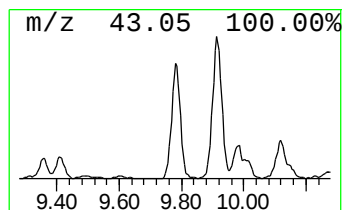
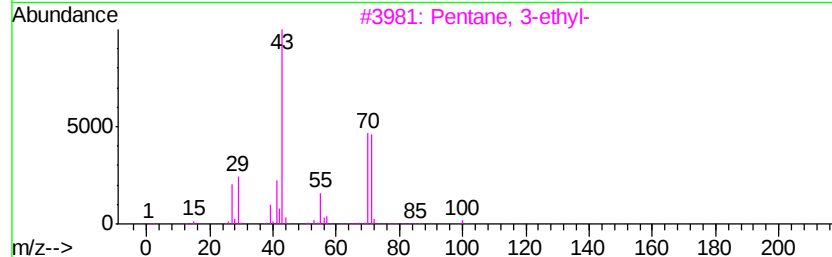
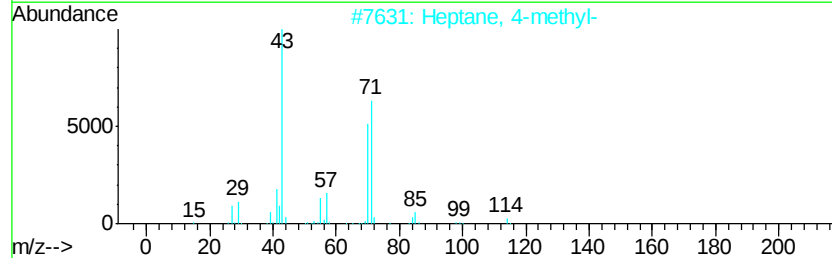
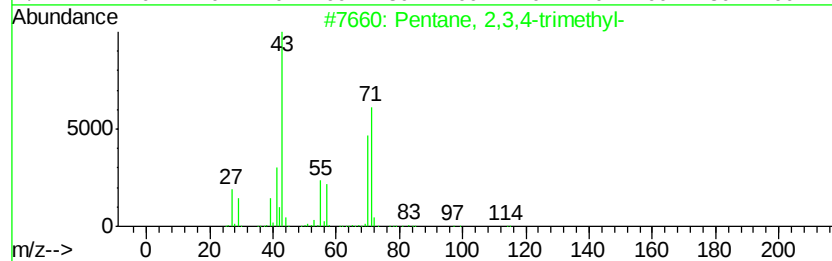
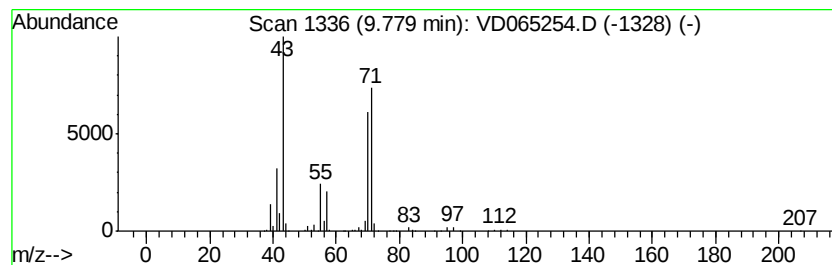
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	12.99 ug/l	656847	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64



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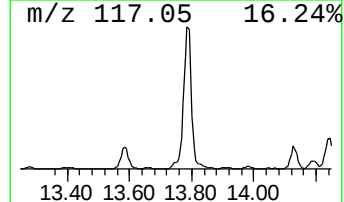
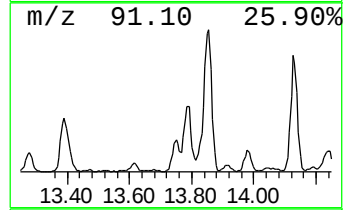
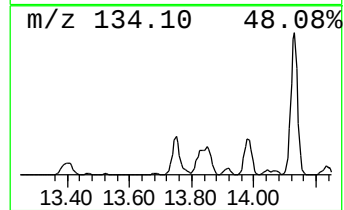
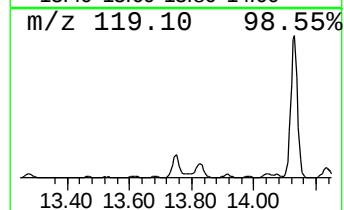
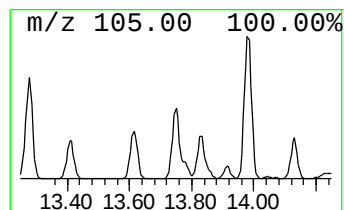
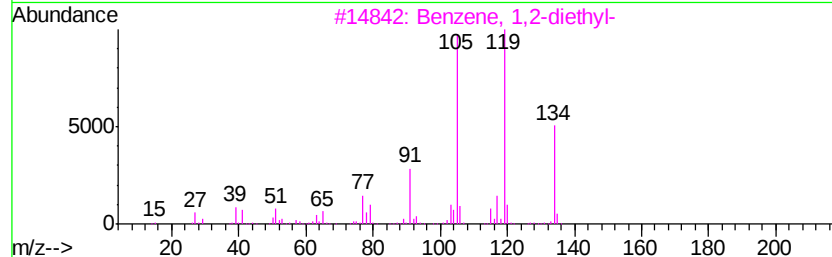
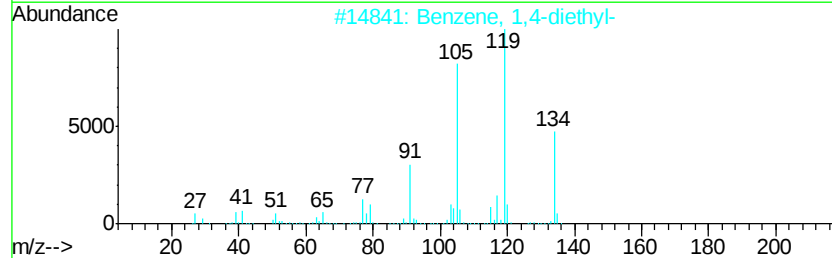
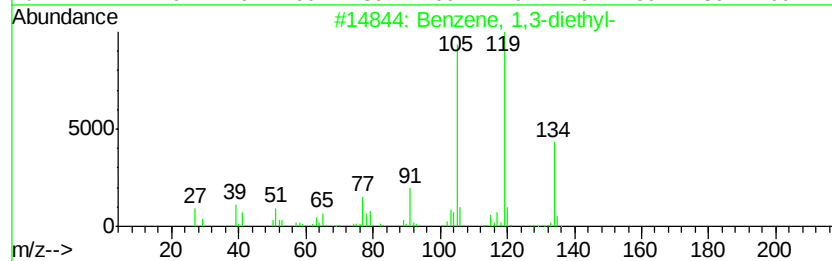
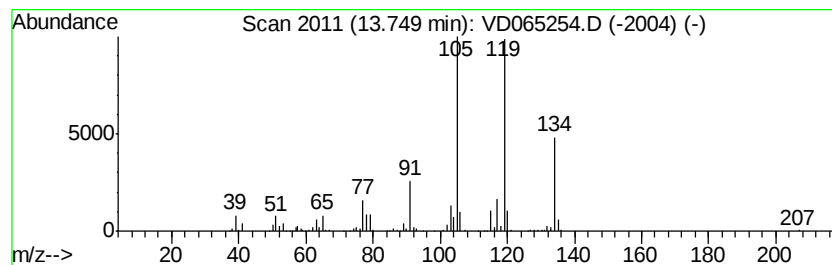
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	11.06 ug/l	608800	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83



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ClientSampleId :
SW-3

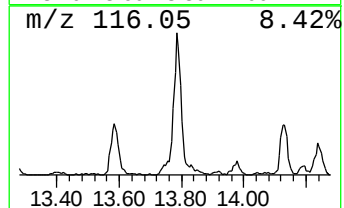
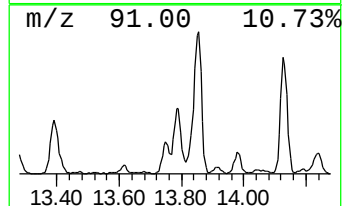
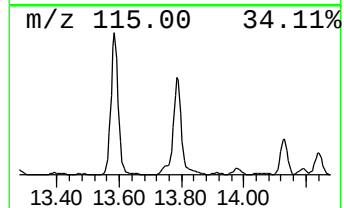
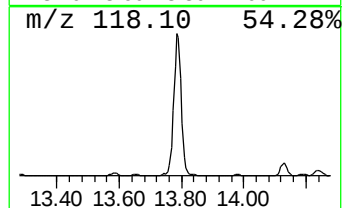
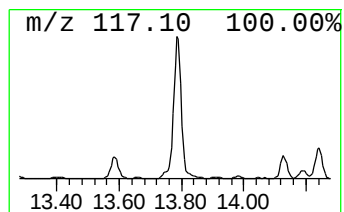
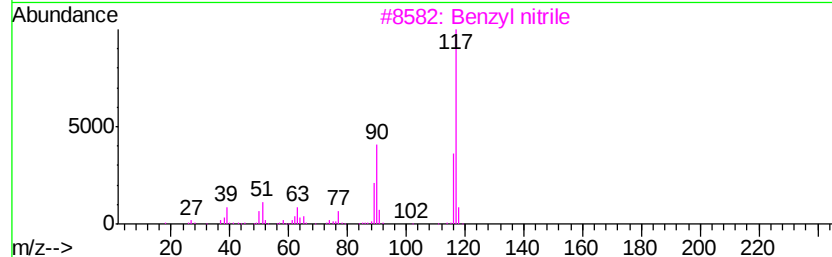
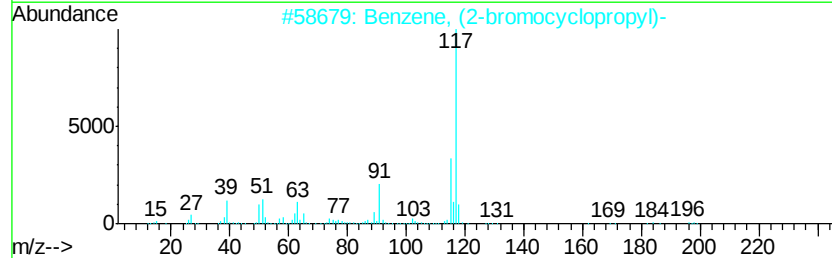
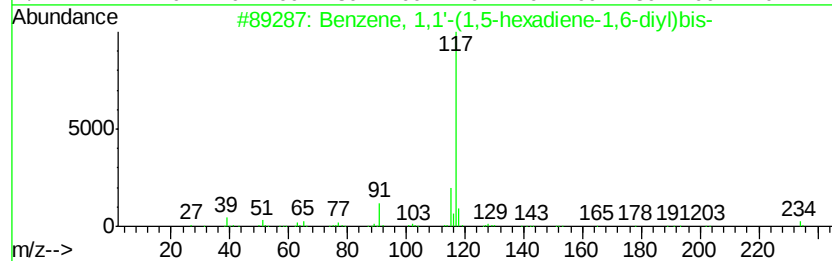
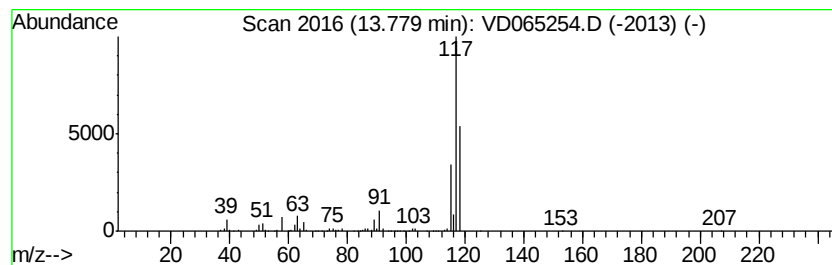
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	22.31 ug/l	1228300	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
2		Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
3		Benzyl nitrile	117	C8H7N	000140-29-4	43
4		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	38
5		Indole	117	C8H7N	000120-72-9	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
Data File : VD065254.D
Acq On : 20 Feb 2020 14:03
Operator : VA/SY
Sample : L1601-06
Misc : 4.30G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SW-3

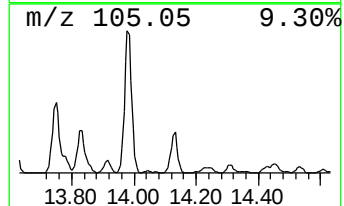
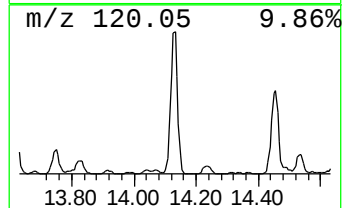
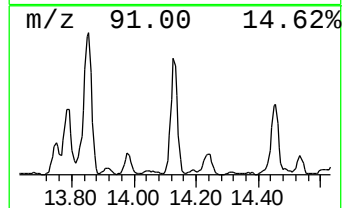
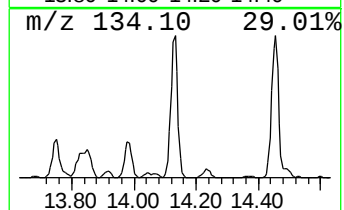
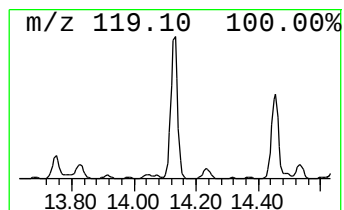
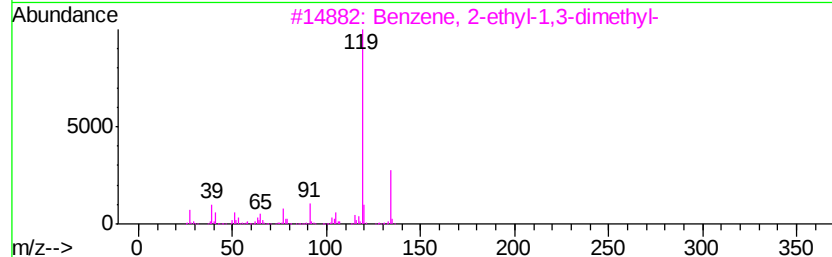
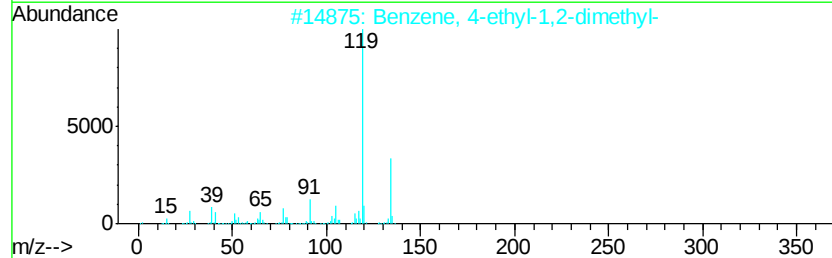
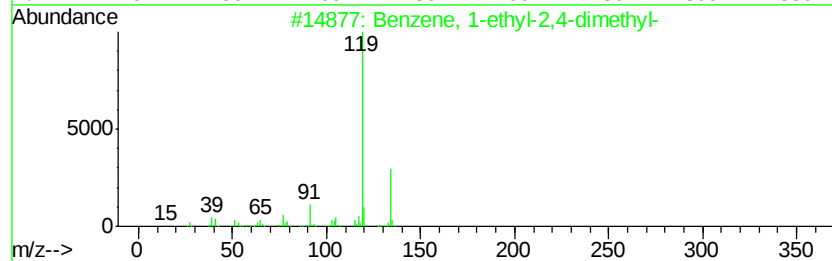
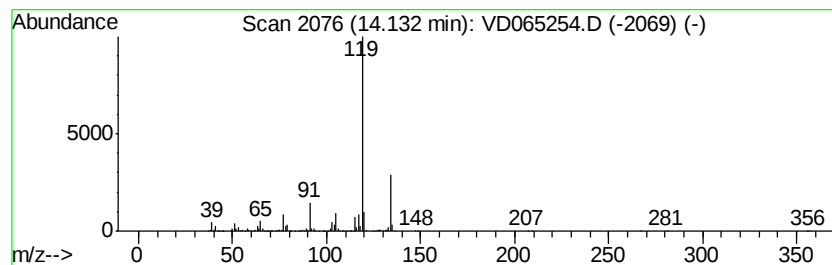
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	37.68 ug/l	2074360	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
Data File : VD065254.D
Acq On : 20 Feb 2020 14:03
Operator : VA/SY
Sample : L1601-06
Misc : 4.30G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SW-3

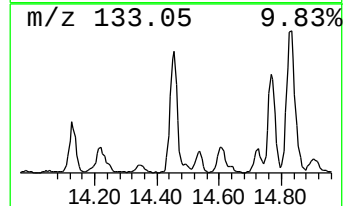
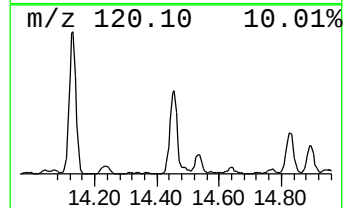
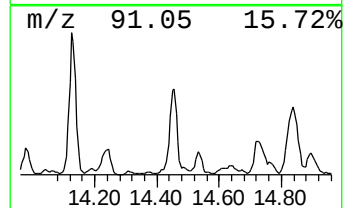
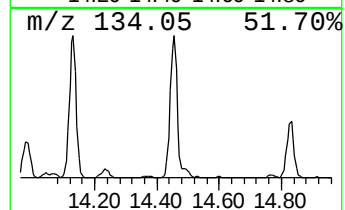
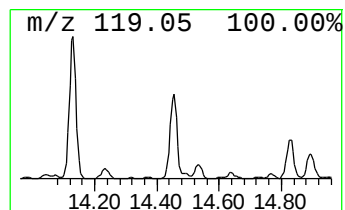
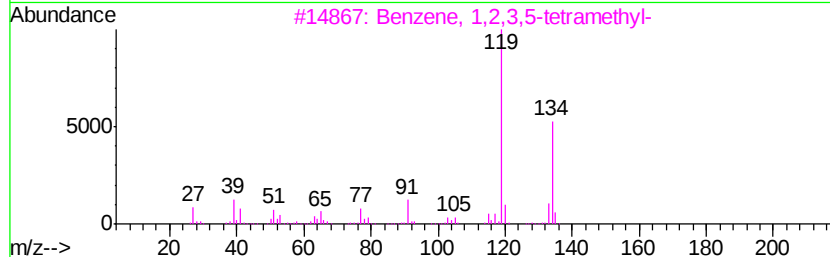
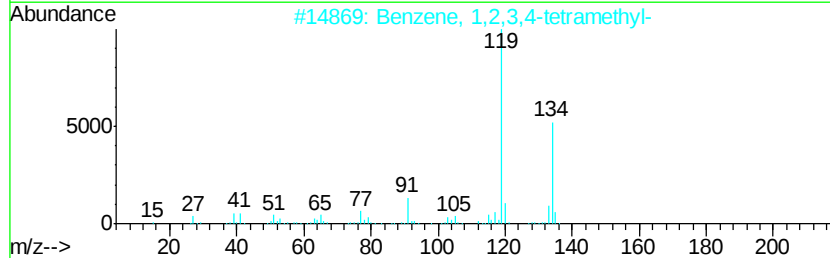
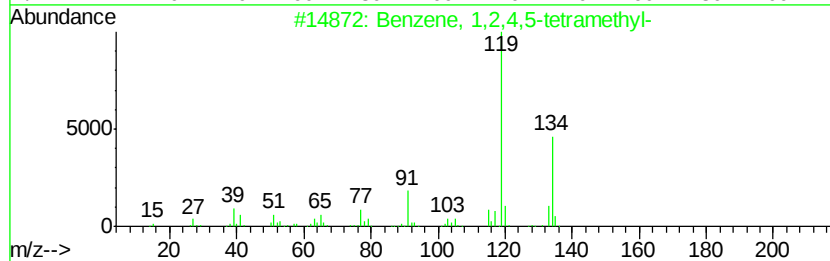
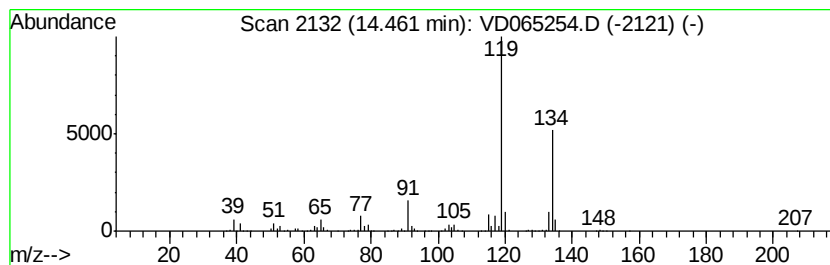
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	26.18 ug/l	1441130	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
Data File : VD065254.D
Acq On : 20 Feb 2020 14:03
Operator : VA/SY
Sample : L1601-06
Misc : 4.30G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SW-3

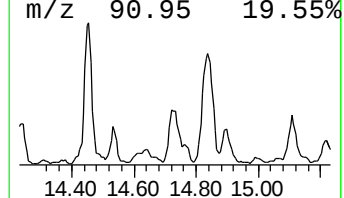
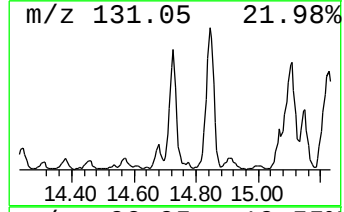
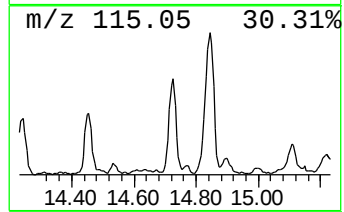
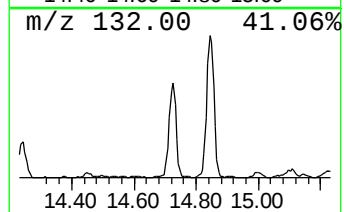
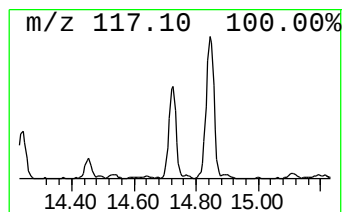
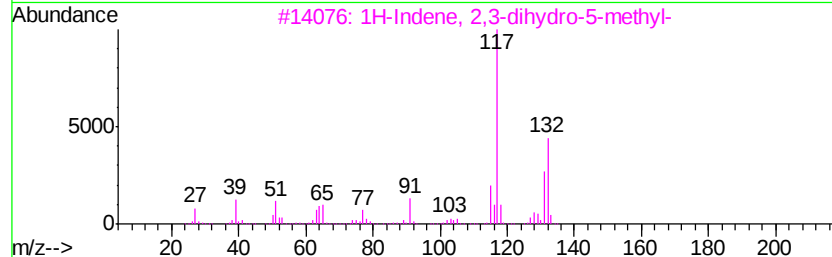
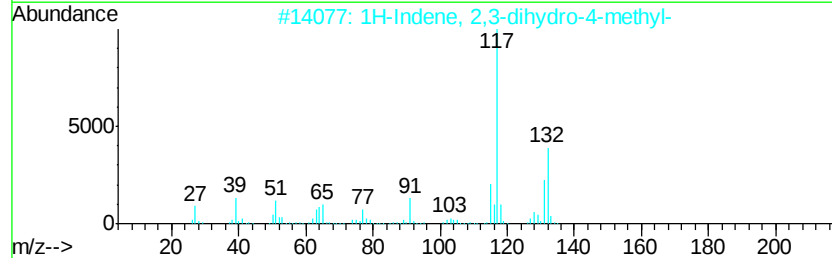
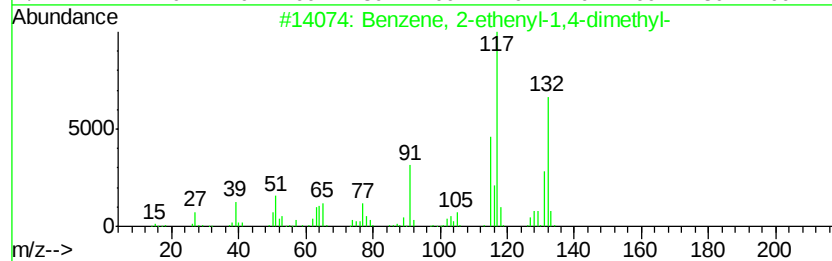
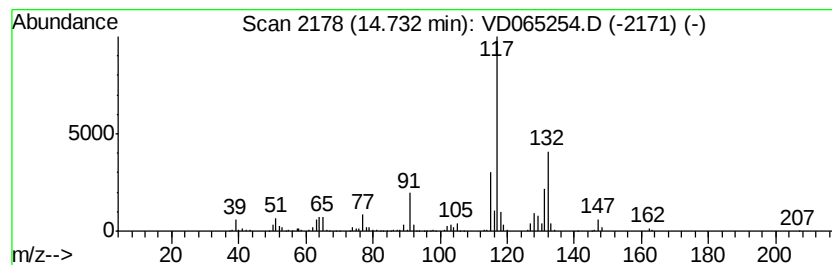
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	13.42 ug/l	738874	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
Data File : VD065254.D
Acq On : 20 Feb 2020 14:03
Operator : VA/SY
Sample : L1601-06
Misc : 4.30G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SW-3

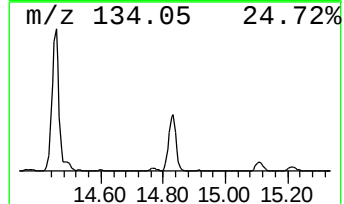
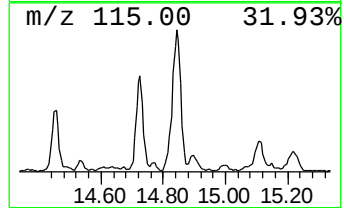
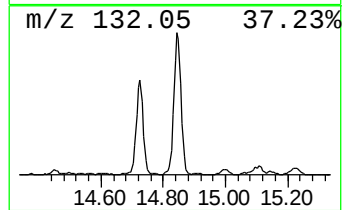
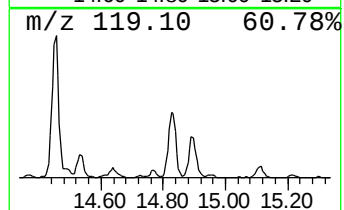
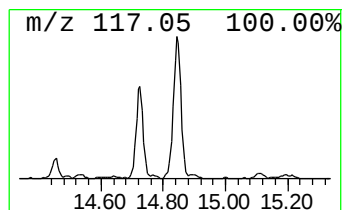
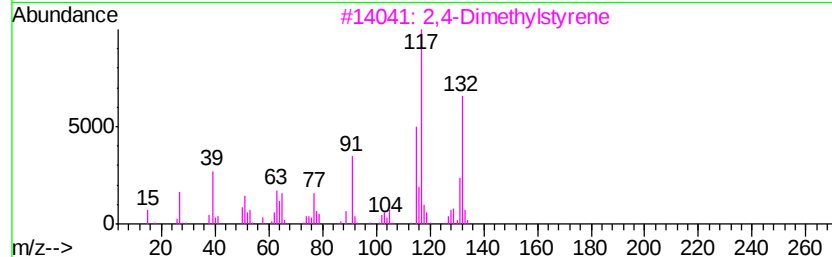
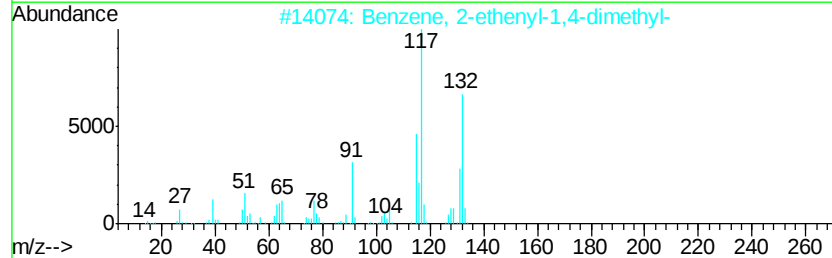
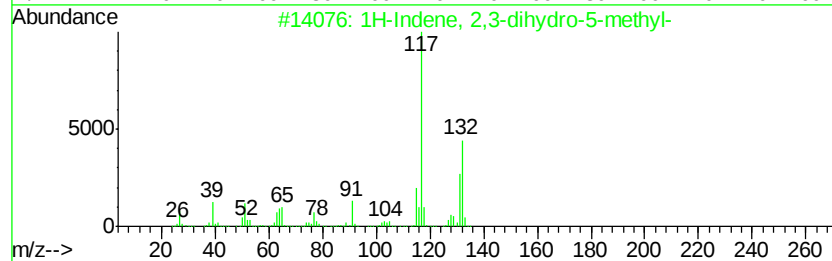
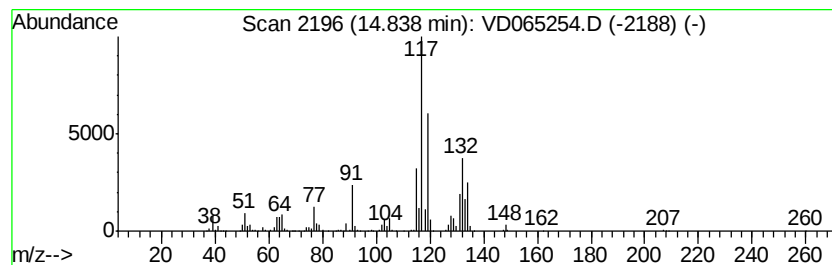
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Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	33.34 ug/l	1835190	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
Data File : VD065254.D
Acq On : 20 Feb 2020 14:03
Operator : VA/SY
Sample : L1601-06
Misc : 4.30G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SW-3

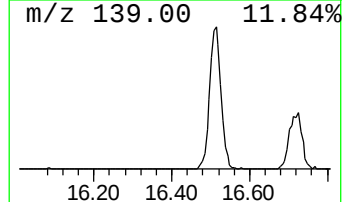
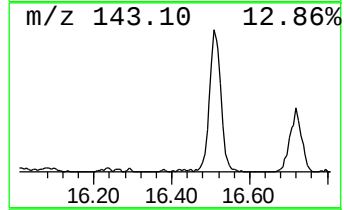
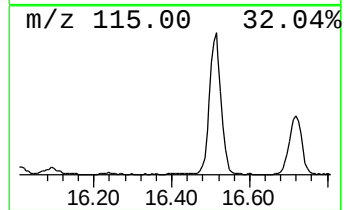
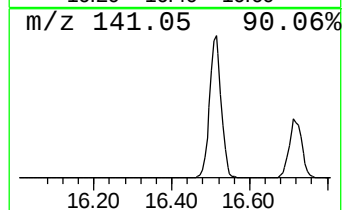
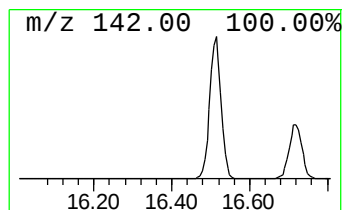
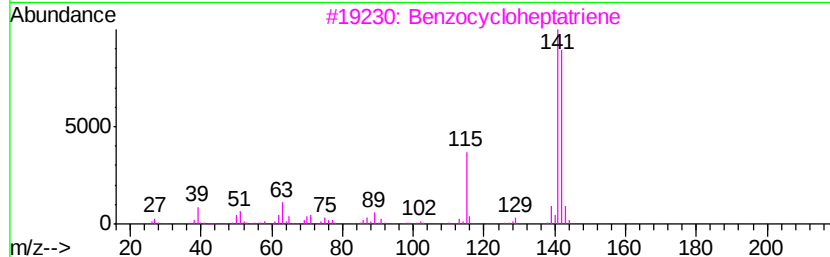
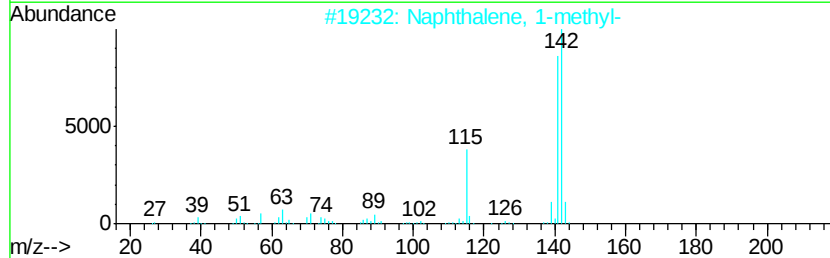
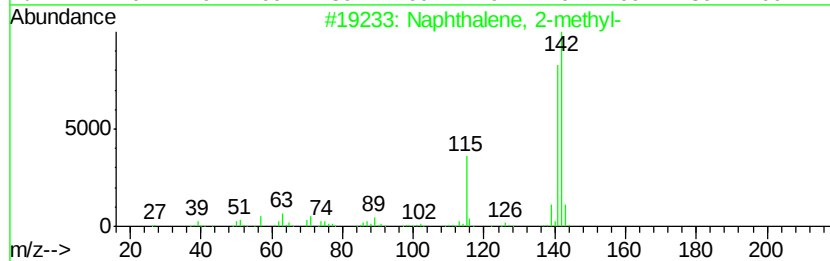
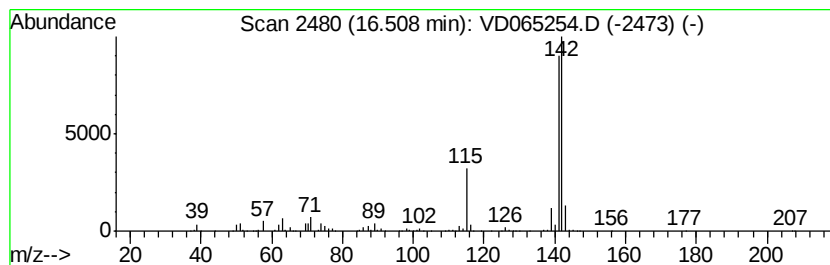
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	19.27 ug/l	1060880	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD022020\
Data File : VD065254.D
Acq On : 20 Feb 2020 14:03
Operator : VA/SY
Sample : L1601-06
Misc : 4.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SW-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.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
Hexane, 2,2-dimet...	8.51	18.3	ug/l	925150	2	8.87	2529220	50.0
Pentane, 2,3,4-tr...	9.78	13.0	ug/l	656847	2	8.87	2529220	50.0
Benzene, 1,3-diet...	13.75	11.1	ug/l	608800	4	13.58	2752260	50.0
Benzene, 1,1'-(1,...	13.78	22.3	ug/l	1228300	4	13.58	2752260	50.0
Benzene, 1-ethyl-...	14.13	37.7	ug/l	2074360	4	13.58	2752260	50.0
Benzene, 1,2,4,5-...	14.46	26.2	ug/l	1441130	4	13.58	2752260	50.0
Benzene, 2-etheny...	14.73	13.4	ug/l	738874	4	13.58	2752260	50.0
1H-Indene, 2,3-di...	14.84	33.3	ug/l	1835190	4	13.58	2752260	50.0
Naphthalene, 1-me...	16.51	19.3	ug/l	1060880	4	13.58	2752260	50.0